

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012920\
 Data File : VX014759.D
 Acq On : 29 Jan 2020 10:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/30/2020 10:44:03 AM

Quant Time: Jan 29 23:04:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	447877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	653581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	602429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	309491	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	238834	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
35) Dibromofluoromethane	5.48	113	199033	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	8.71	98	766144	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.13	95	272313	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	290424	48.328	ug/l	99
3) Chloromethane	1.32	50	278886	46.029	ug/l	98
4) Vinyl Chloride	1.40	62	329181	50.248	ug/l	99
5) Bromomethane	1.63	94	205389	46.157	ug/l	100
6) Chloroethane	1.72	64	180208	48.025	ug/l	98
7) Trichlorofluoromethane	1.92	101	369074	48.384	ug/l	99
8) Diethyl Ether	2.18	74	155138	46.595	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	222792	49.752	ug/l	99
10) Methyl Iodide	2.50	142	291566	49.621	ug/l	99
11) Tert butyl alcohol	3.03	59	225919	192.399	ug/l	100
12) 1,1-Dichloroethene	2.37	96	216888	48.714	ug/l	97
13) Acrolein	2.28	56	255245	275.688	ug/l	99
14) Allyl chloride	2.72	41	385886	48.219	ug/l	99
15) Acrylonitrile	3.13	53	616791	227.022	ug/l	100
16) Acetone	2.43	43	631026	220.159	ug/l	100
17) Carbon Disulfide	2.56	76	563726	46.326	ug/l	100
18) Methyl Acetate	2.76	43	373448	45.642	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	718510	49.270	ug/l	99
20) Methylene Chloride	2.84	84	243159	45.843	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	230916	47.104	ug/l	98
22) Diisopropyl ether	3.84	45	788434	49.519	ug/l	94
23) Vinyl Acetate	3.80	43	3069354	252.891	ug/l	99
24) 1,1-Dichloroethane	3.69	63	419380	48.502	ug/l	99
25) 2-Butanone	4.65	43	916318	223.115	ug/l	100
26) 2,2-Dichloropropane	4.57	77	352927	50.993	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	266560	48.584	ug/l	98
28) Bromochloromethane	5.00	49	169323	44.563	ug/l	97
29) Tetrahydrofuran	5.11	42	539055	221.147	ug/l	99
30) Chloroform	5.20	83	408948	47.743	ug/l	99
31) Cyclohexane	5.57	56	396223	48.720	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	357900	49.432	ug/l	98
36) 1,1-Dichloropropene	5.79	75	318413	52.431	ug/l	98
37) Ethyl Acetate	4.81	43	335291	48.204	ug/l	99
38) Carbon Tetrachloride	5.77	117	305879	52.737	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	410153	53.910	ug/l	96
40) Benzene	6.13	78	959885	51.154	ug/l	99
41) Methacrylonitrile	5.02	41	187093	47.133	ug/l	98
42) 1,2-Dichloroethane	6.18	62	330817	51.053	ug/l	99
43) Isopropyl Acetate	6.43	43	557615	48.956	ug/l	99
44) Trichloroethene	7.20	130	265441	50.080	ug/l	96
45) 1,2-Dichloropropane	7.50	63	247626	51.224	ug/l	100
46) Dibromomethane	7.65	93	159947	51.087	ug/l	98
47) Bromodichloromethane	7.89	83	328987	53.575	ug/l	98
48) Methyl methacrylate	7.76	41	281766	51.774	ug/l	99
49) 1,4-Dioxane	7.73	88	100061	867.365	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1735091	241.355	ug/l	100
52) Toluene	8.78	92	604426	52.401	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	361859	54.727	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	402830	55.380	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	245817	52.052	ug/l	99
56) Ethyl methacrylate	9.17	69	385154	48.174	ug/l	100
57) 1,3-Dichloropropane	9.36	76	414746	51.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	692681	291.654	ug/l	100
59) 2-Hexanone	9.48	43	1343914	240.908	ug/l	100
60) Dibromochloromethane	9.57	129	264627	53.684	ug/l	100
61) 1,2-Dibromoethane	9.67	107	255475	51.165	ug/l	100
64) Tetrachloroethene	9.33	164	280689	47.070	ug/l	99
65) Chlorobenzene	10.13	112	653774	50.737	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	248974	52.405	ug/l	99
67) Ethyl Benzene	10.25	91	1180826	53.669	ug/l	100
68) m/p-Xylenes	10.35	106	897989	107.732	ug/l	100
69) o-Xylene	10.69	106	431144	53.578	ug/l	98
70) Styrene	10.71	104	741164	54.907	ug/l	99
71) Bromoform	10.85	173	202355	53.559	ug/l #	99
73) Isopropylbenzene	11.01	105	1152896	52.979	ug/l	100
74) N-amyl acetate	10.89	43	492369	51.632	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	364045	46.854	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	313157m	43.491	ug/l	
77) Bromobenzene	11.25	156	297543	50.896	ug/l	97
78) n-propylbenzene	11.35	91	1334002	54.005	ug/l	100
79) 2-Chlorotoluene	11.42	91	769010	51.453	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	969507	53.679	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	126055	49.820	ug/l	99
82) 4-Chlorotoluene	11.51	91	898112	52.783	ug/l	100
83) tert-Butylbenzene	11.76	119	927562	54.654	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	974335	53.783	ug/l	98
85) sec-Butylbenzene	11.94	105	1146326	55.135	ug/l	100
86) p-Isopropyltoluene	12.06	119	1056927	55.007	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	531748	50.611	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	534550	50.792	ug/l	100
89) n-Butylbenzene	12.39	91	934327	55.832	ug/l	99
90) Hexachloroethane	12.59	117	186268	52.191	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	531351	50.920	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76799	46.005	ug/l	96

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ClientSampleId :
VSTDCCC050

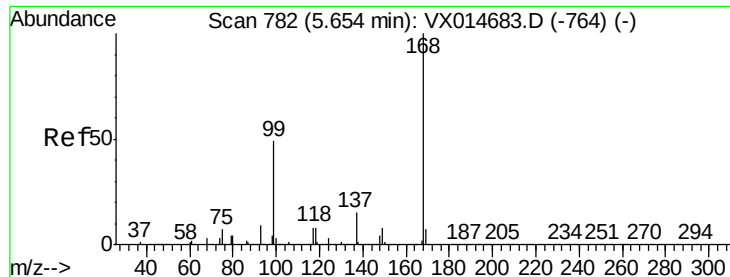
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	371161	55.170	ug/l	98
94) Hexachlorobutadiene	13.78	225	191717	55.367	ug/l	99
95) Naphthalene	13.83	128	1065405	49.125	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	368635	54.190	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 447877

Ion Ratio Lower Upper

168 100

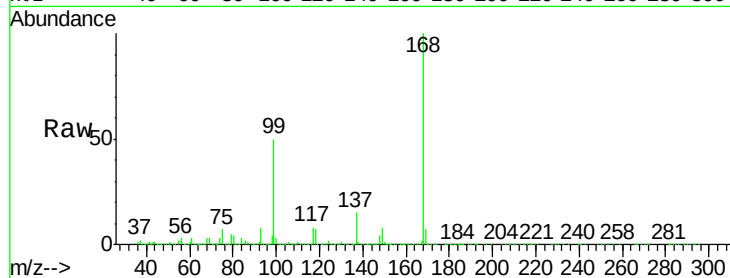
99 49.5 39.8 59.6

Manual Integrations

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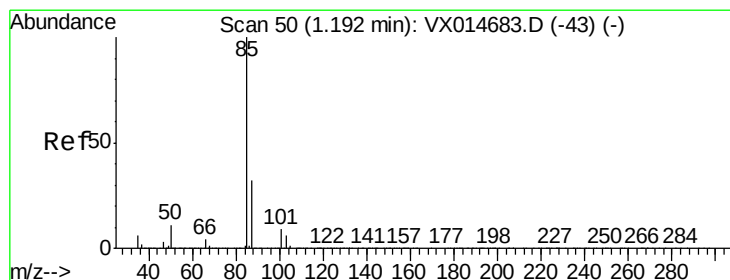
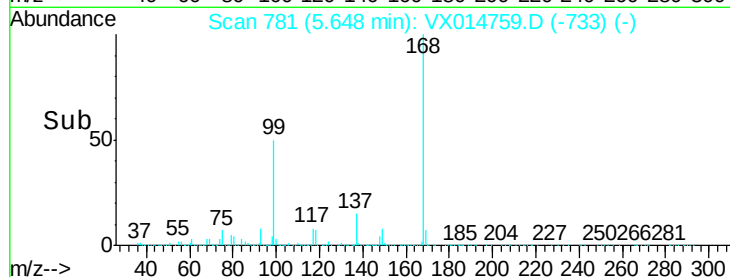
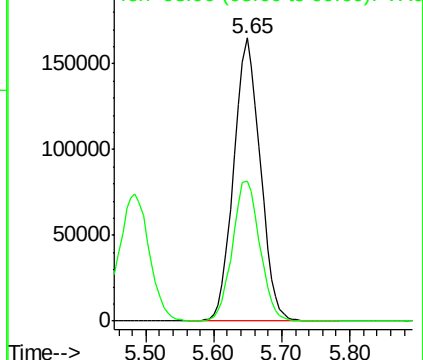
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.328 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014759.D

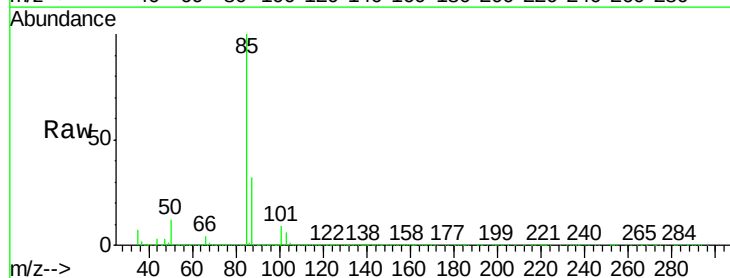
Acq: 29 Jan 2020 10:21

Tgt Ion: 85 Resp: 290424

Ion Ratio Lower Upper

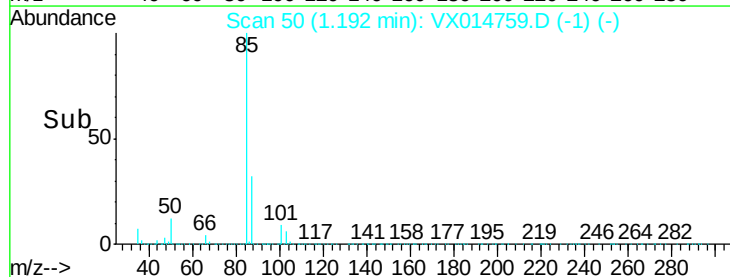
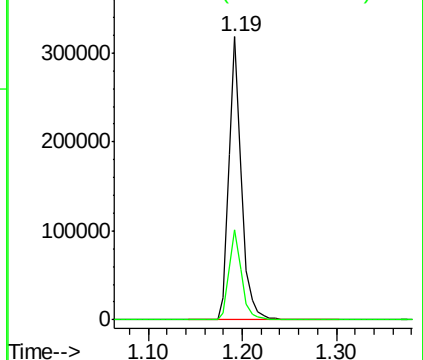
85 100

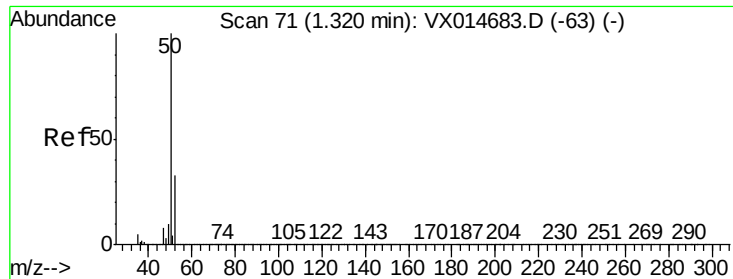
87 31.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





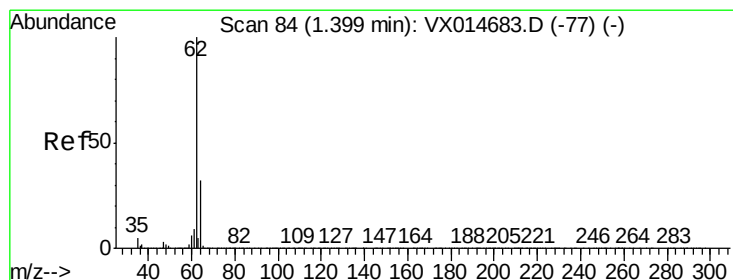
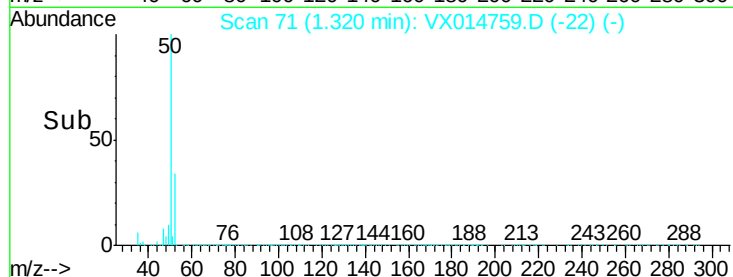
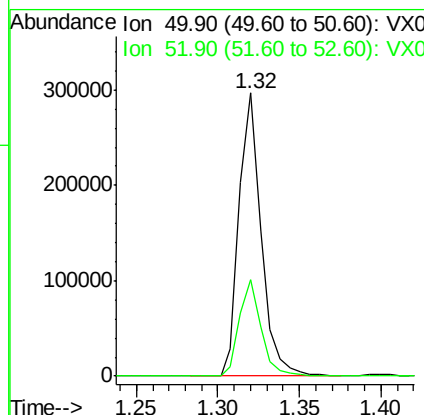
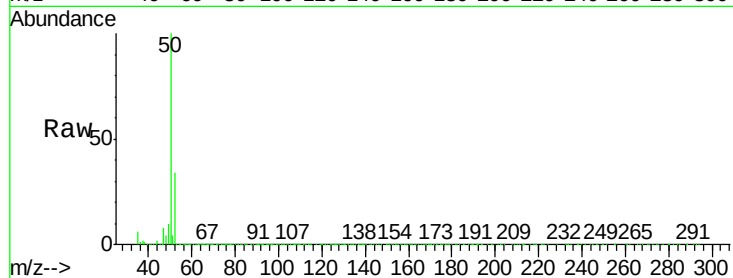
#3
Chloromethane
Concen: 46.029 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.9	26.2	39.2

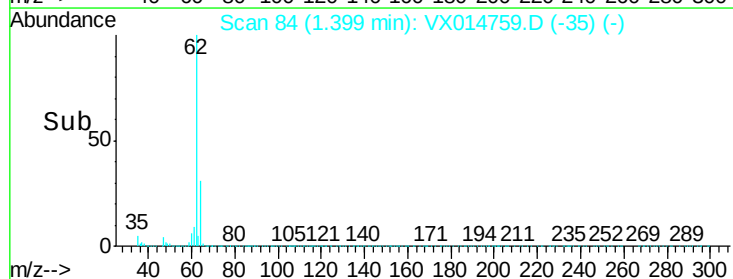
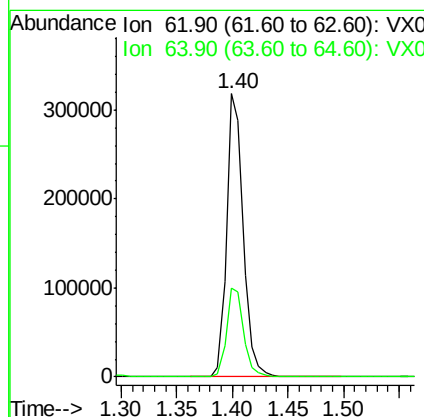
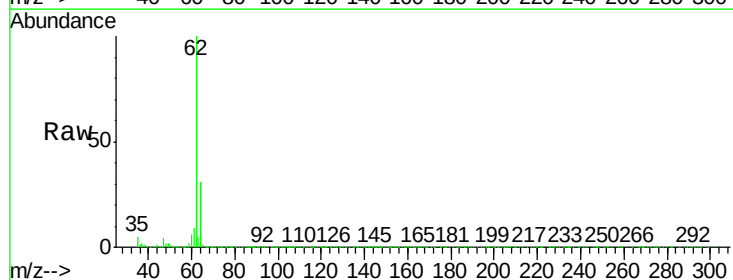
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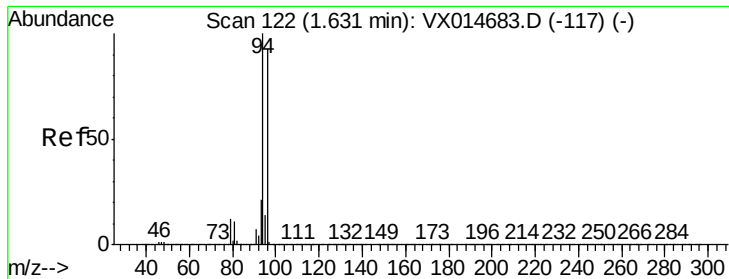
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#4
Vinyl Chloride
Concen: 50.248 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.1	25.4	38.2





#5

Bromomethane

Concen: 46.157 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 205389

Ion Ratio Lower Upper

94 100

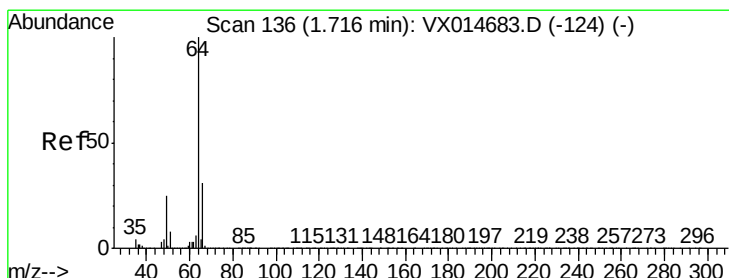
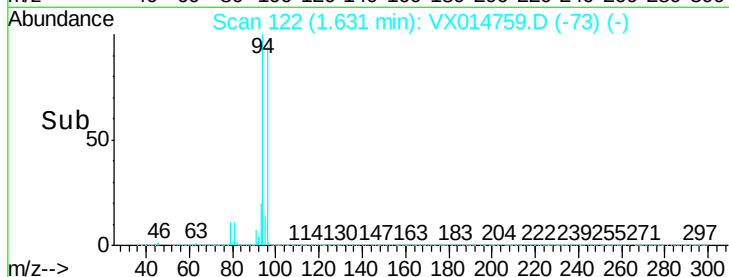
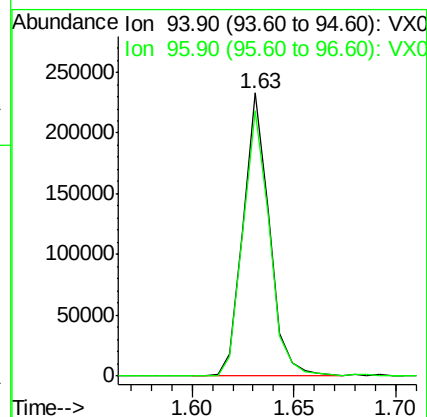
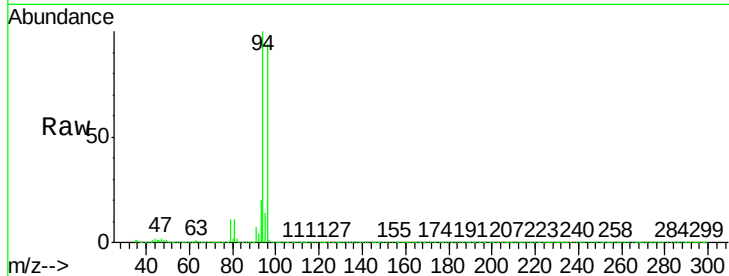
96 93.7 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 48.025 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014759.D

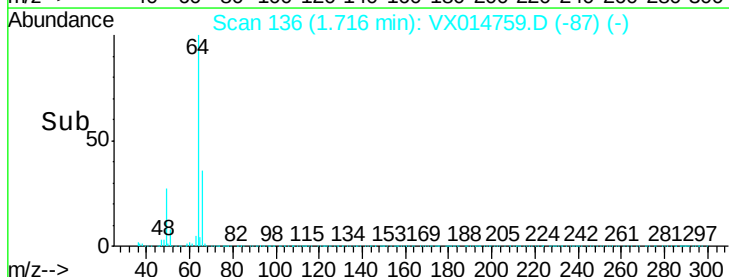
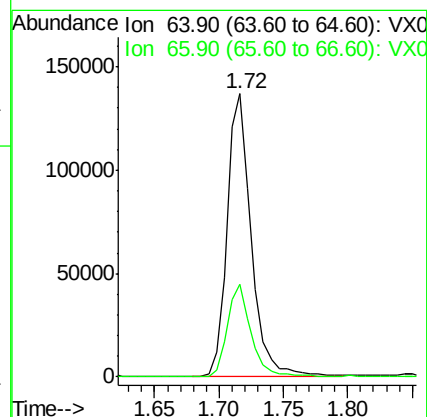
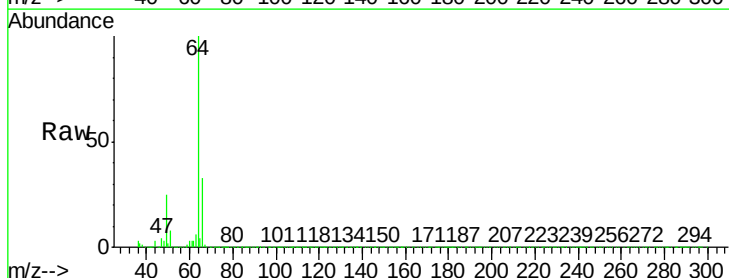
Acq: 29 Jan 2020 10:21

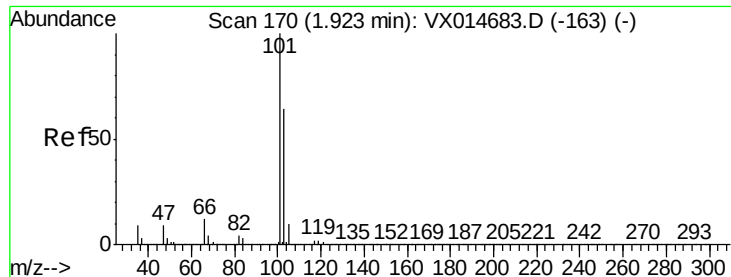
Tgt Ion: 64 Resp: 180208

Ion Ratio Lower Upper

64 100

66 32.5 25.2 37.8





#7

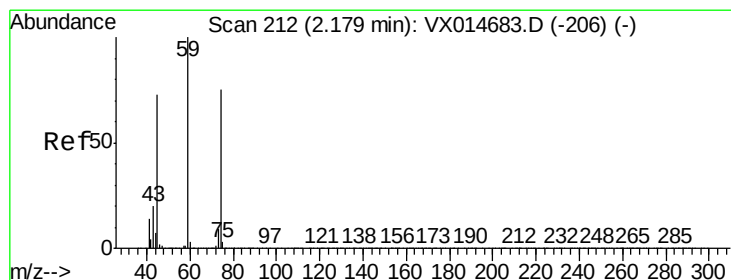
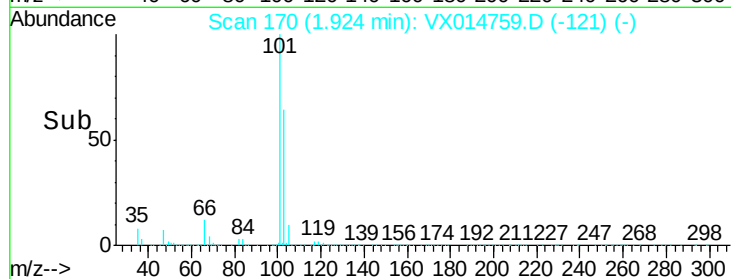
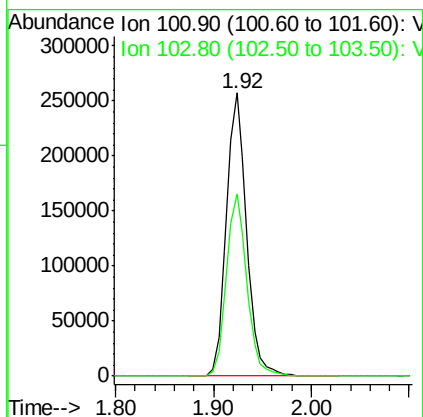
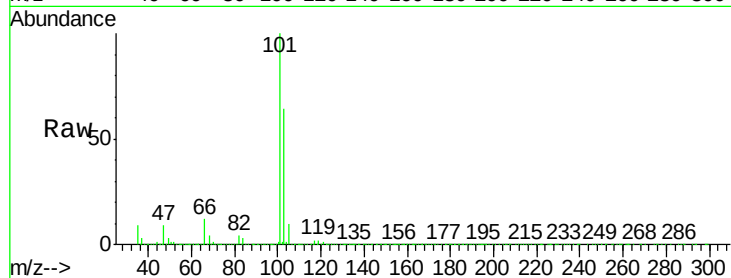
Trichlorofluoromethane
Concen: 48.384 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.0	76.6

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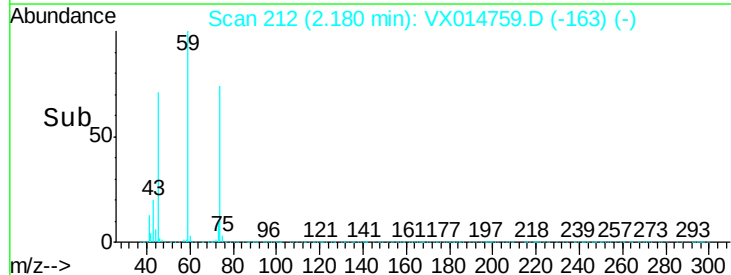
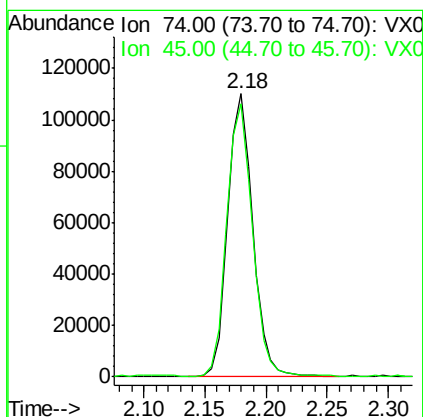
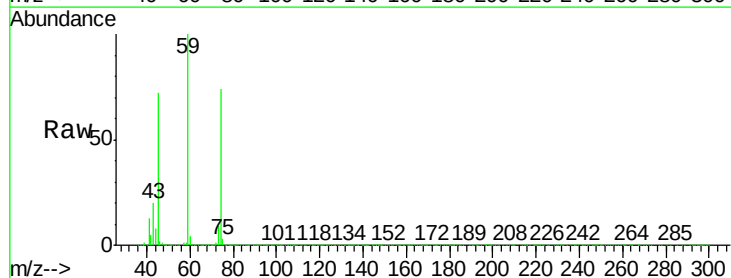
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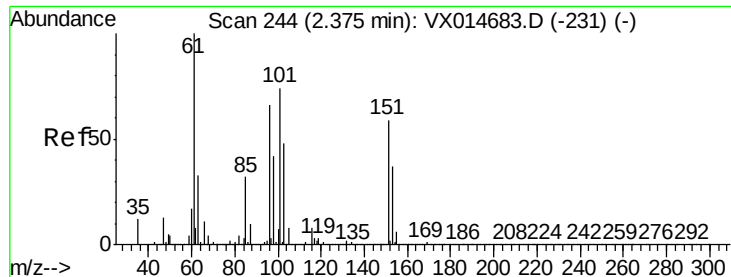


#8

Diethyl Ether
Concen: 46.595 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.0	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.752 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

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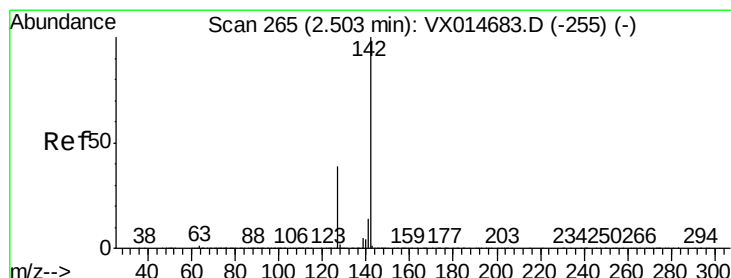
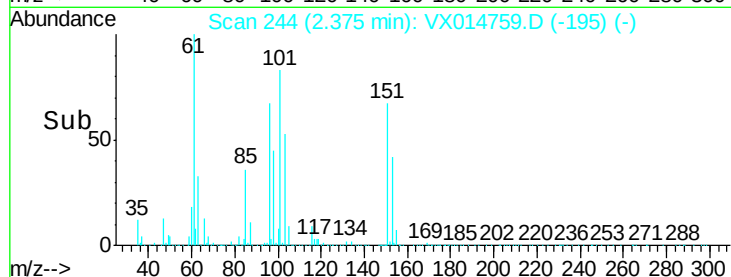
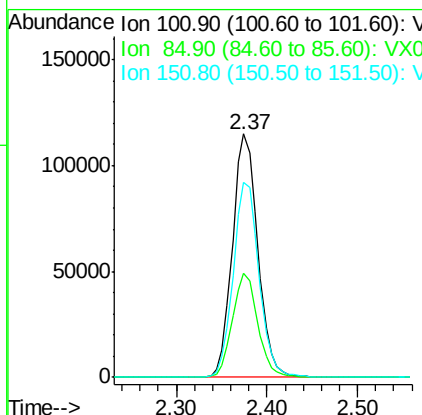
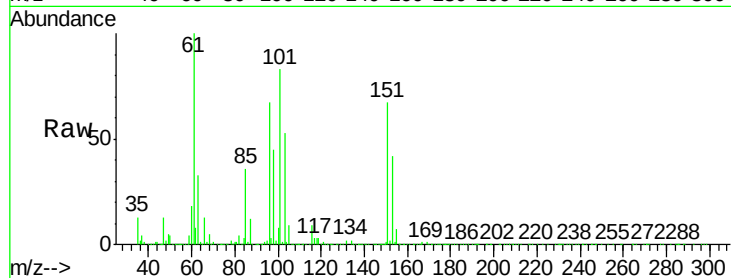
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	222792
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.7	52.1
151	81.9	64.7	97.1

Manual Integrations
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#10

Methyl Iodide

Concen: 49.621 ug/l

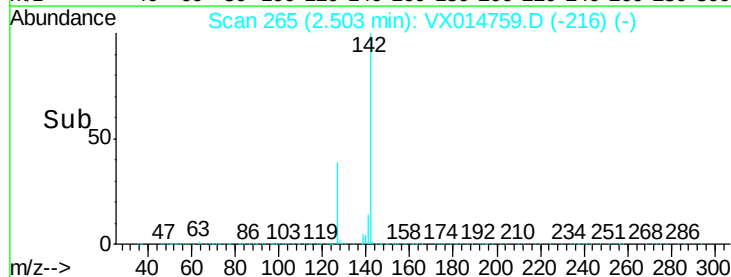
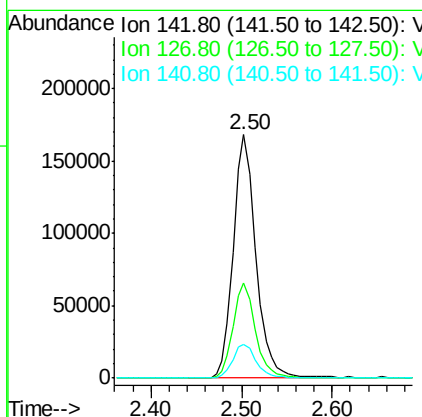
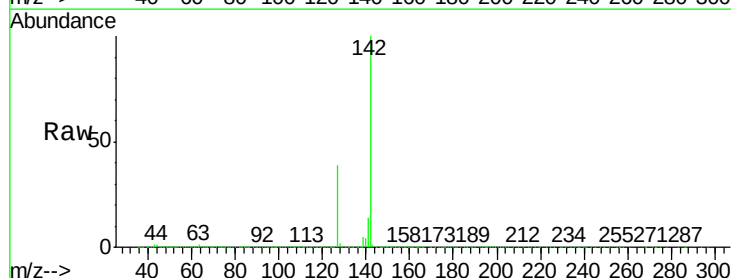
RT: 2.50 min Scan# 265

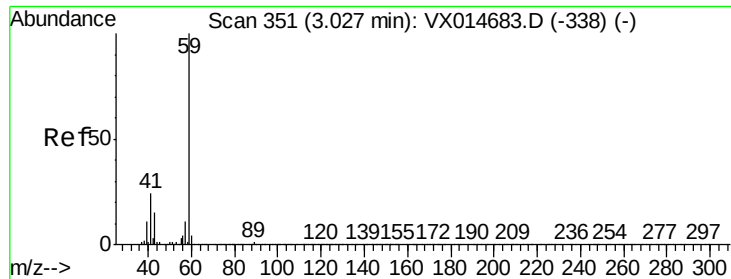
Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Tgt Ion:	142	Resp:	291566
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.1	46.7
141	14.7	11.3	16.9





#11

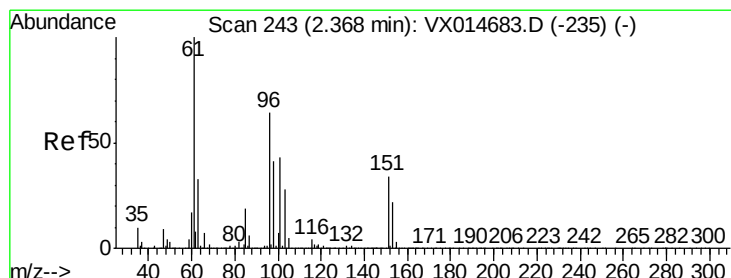
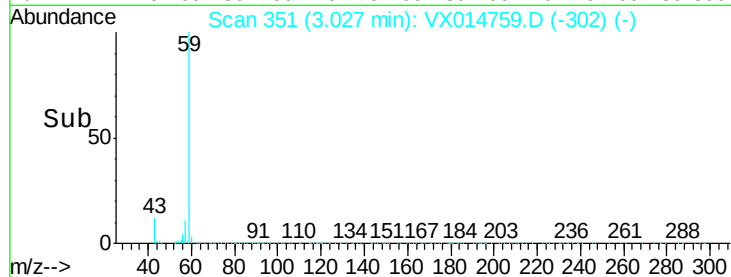
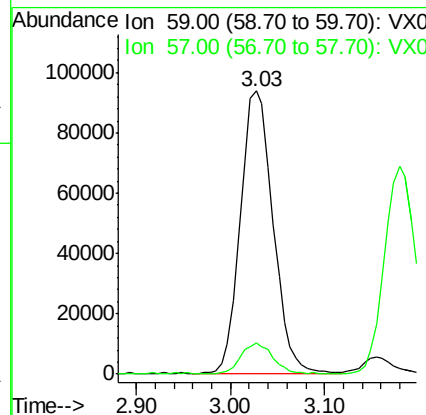
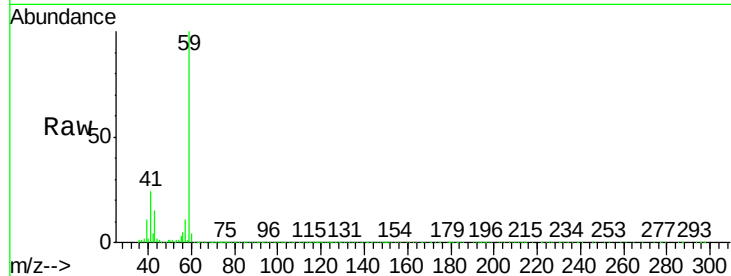
Tert butyl alcohol
Concen: 192.399 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

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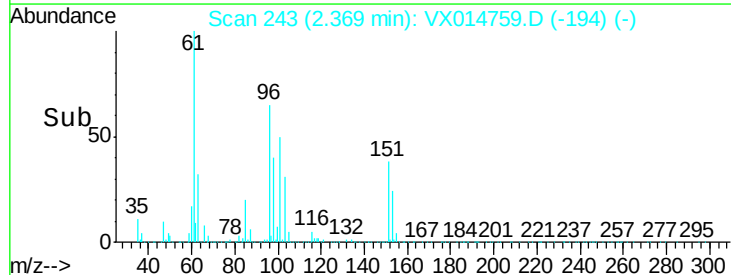
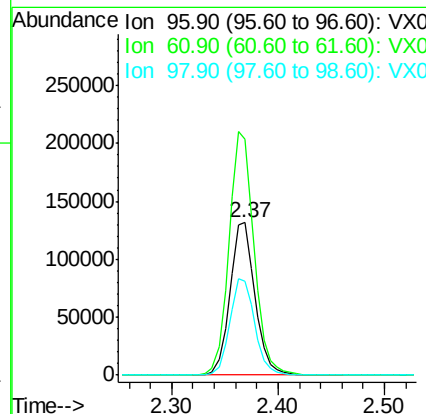
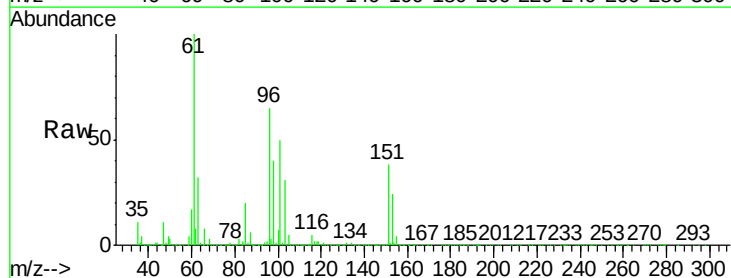
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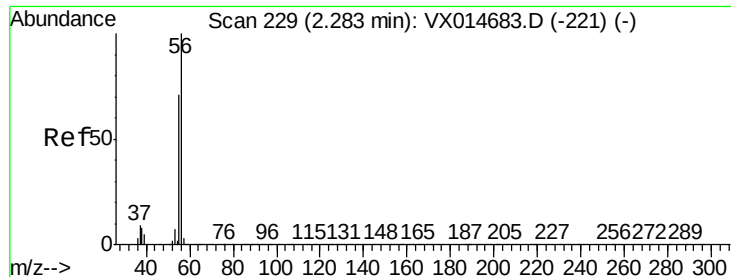


#12

1,1-Dichloroethene
Concen: 48.714 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.4	125.8	188.8
98	61.8	51.5	77.3





#13

Acrolein

Concen: 275.688 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 255245

Ion Ratio Lower Upper

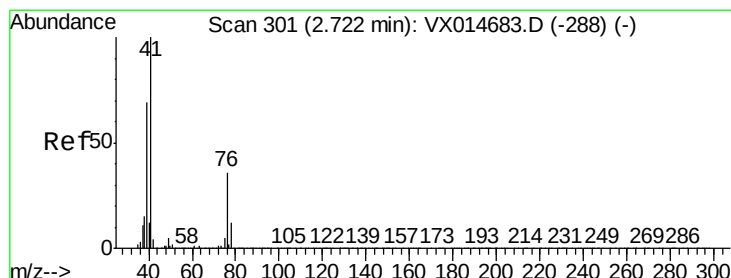
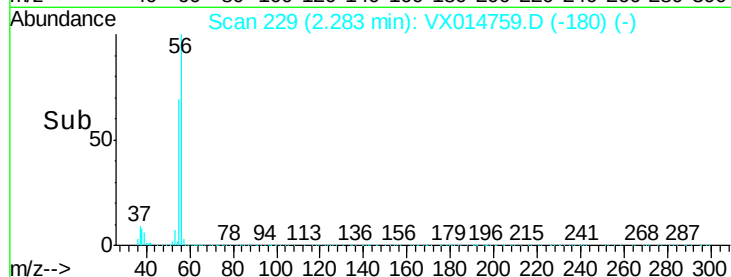
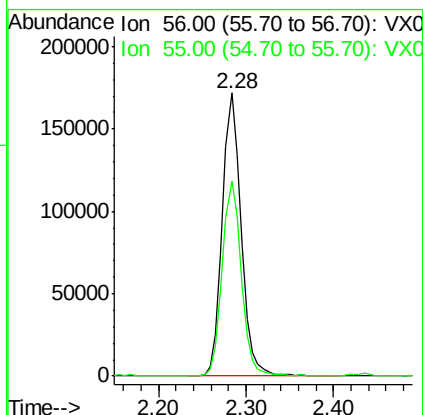
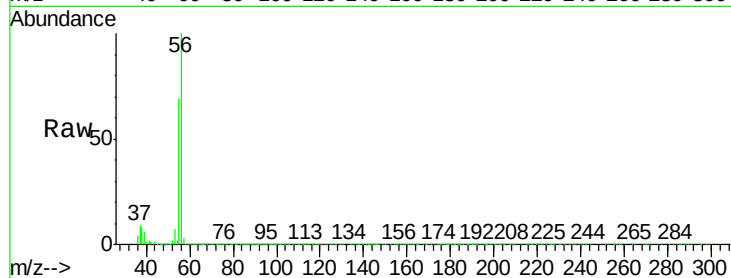
56 100

55 69.5 56.6 84.8

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#14

Allyl chloride

Concen: 48.219 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

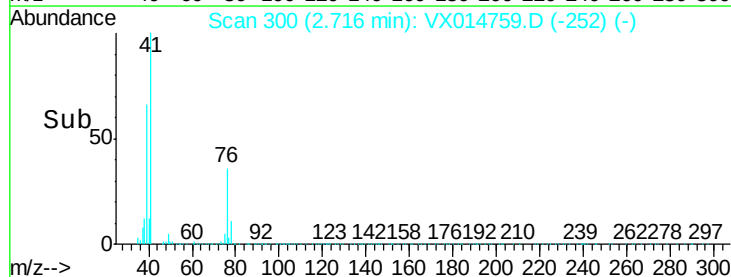
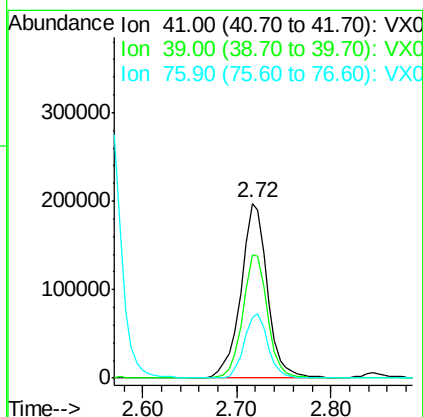
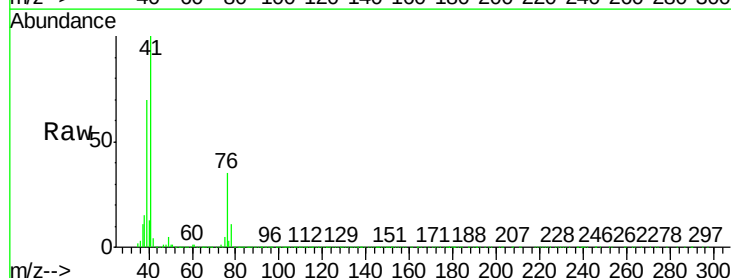
Tgt Ion: 41 Resp: 385886

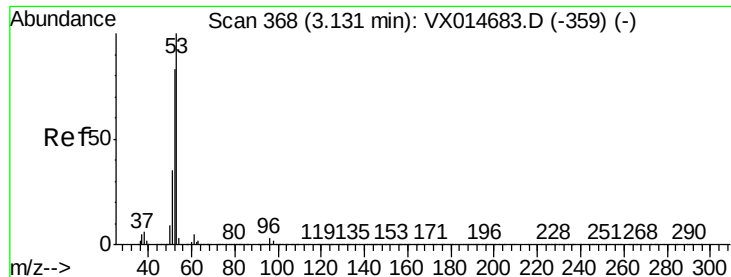
Ion Ratio Lower Upper

41 100

39 66.2 52.0 78.0

76 33.0 26.0 39.0





#15

Acrylonitrile

Concen: 227.022 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

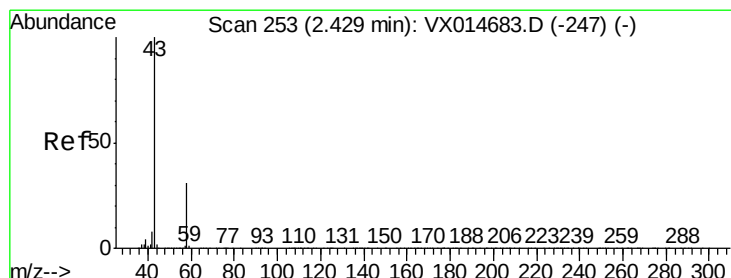
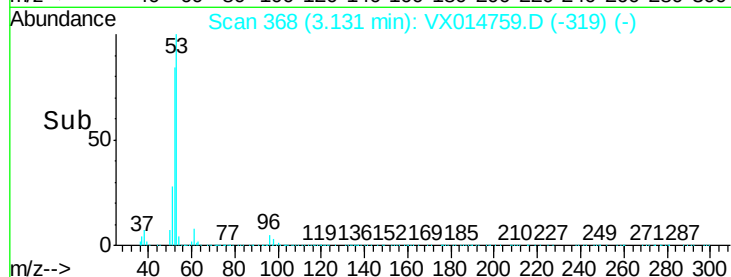
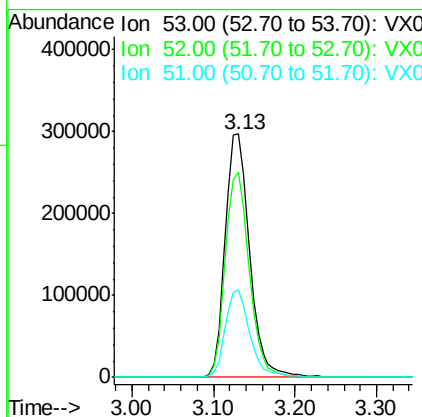
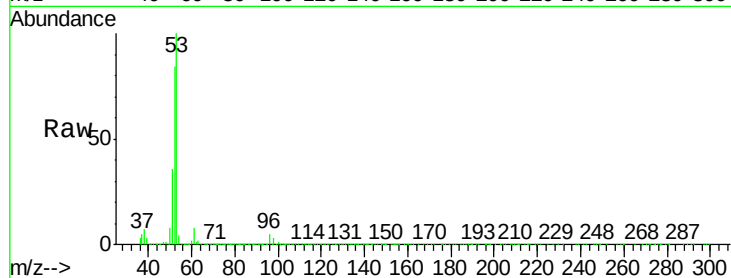
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	616791
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.4	99.6
51	35.7	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 220.159 ug/l

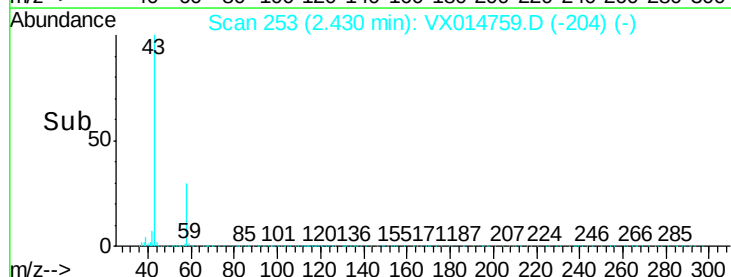
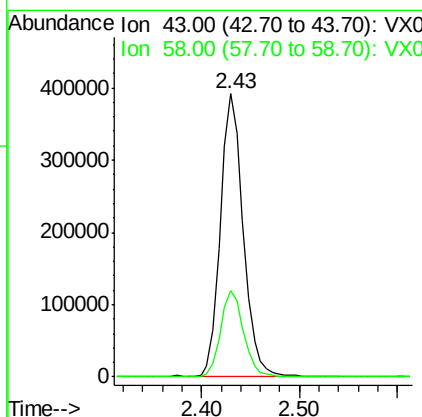
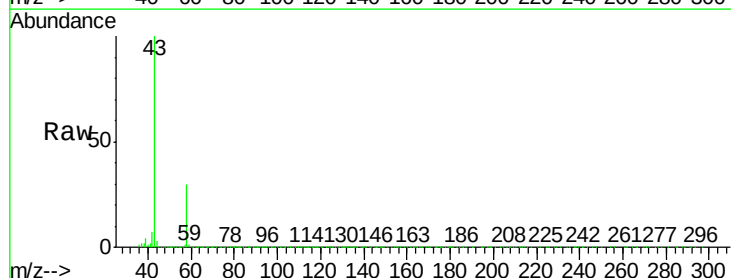
RT: 2.43 min Scan# 253

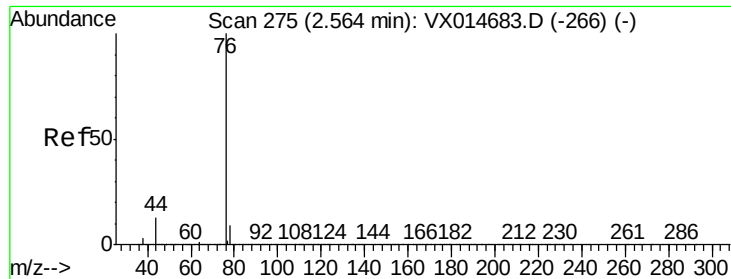
Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Tgt Ion:	43	Resp:	631026
Ion Ratio		Lower	Upper
43	100		
58	30.4	24.5	36.7





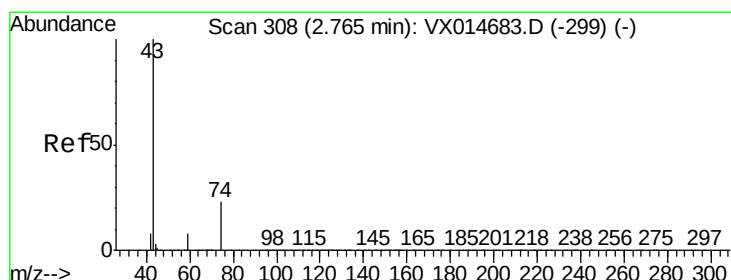
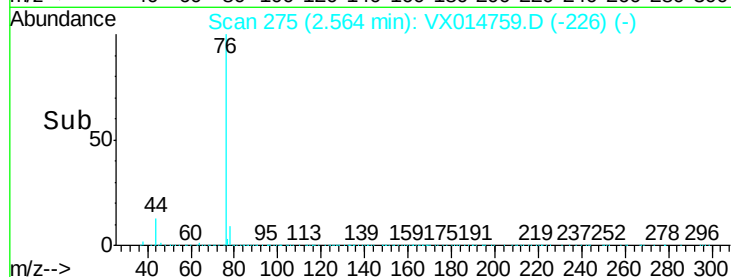
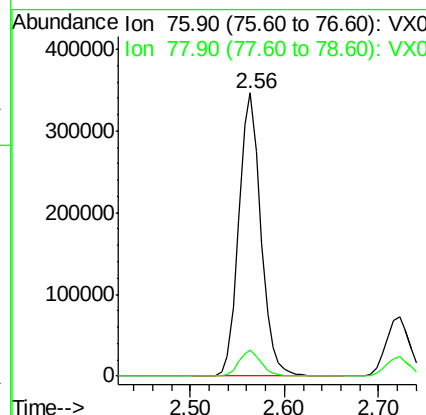
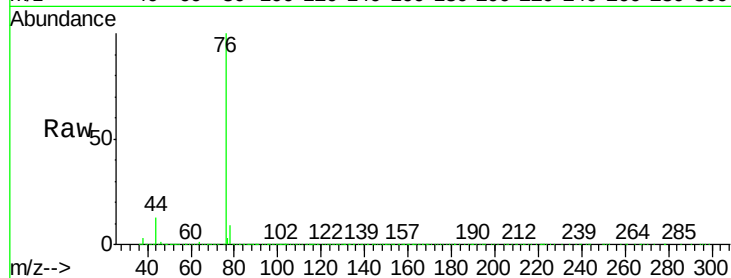
#17
Carbon Disulfide
Concen: 46.326 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

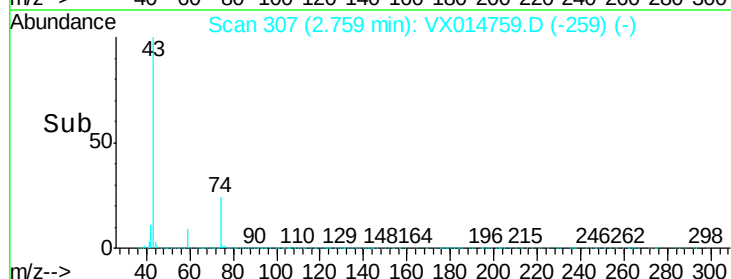
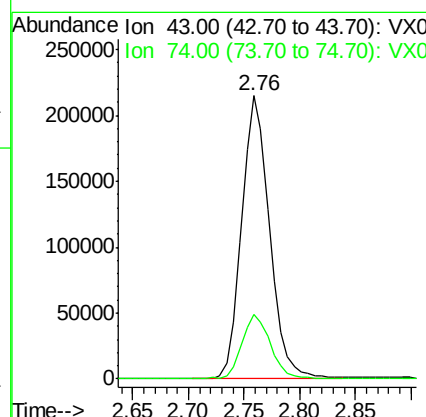
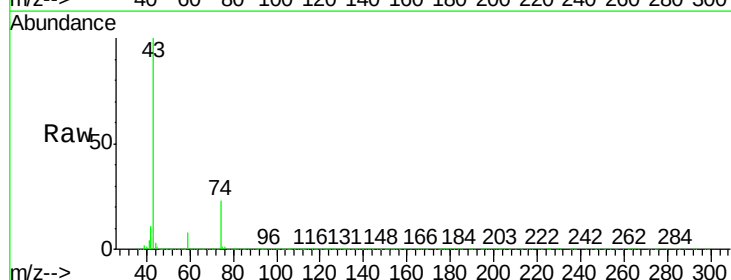
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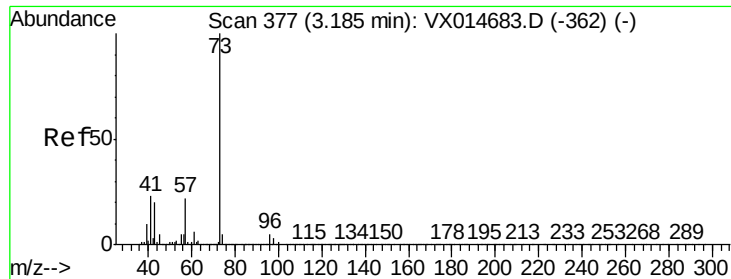
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#18
Methyl Acetate
Concen: 45.642 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.5	27.7





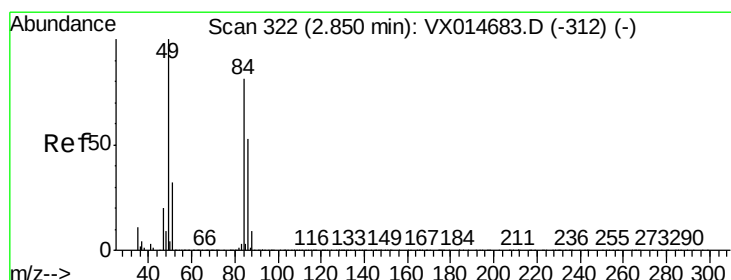
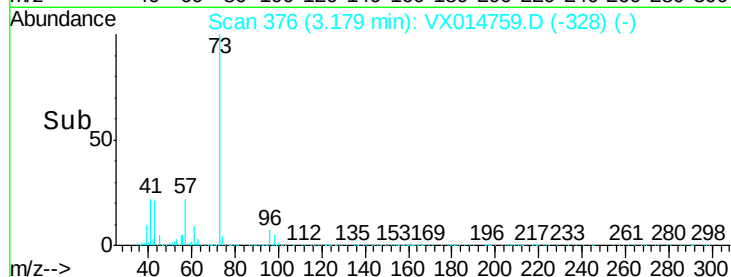
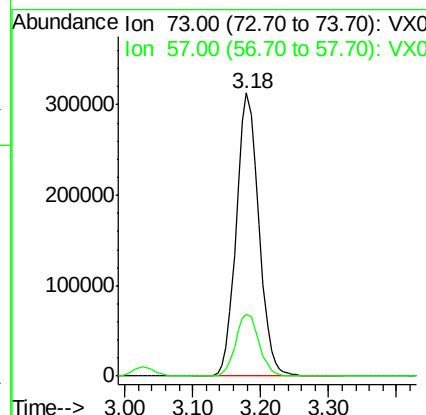
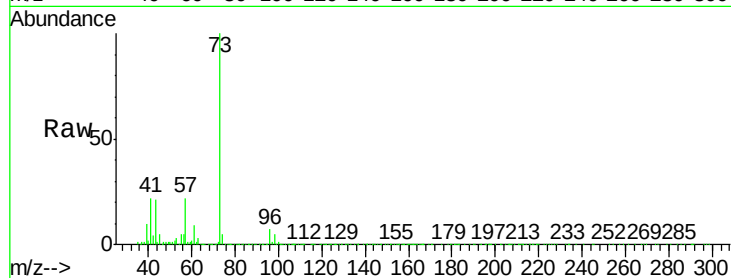
#19
Methyl tert-butyl Ether
Concen: 49.270 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.0	27.0

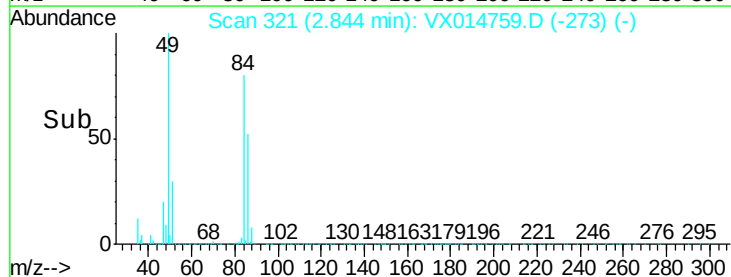
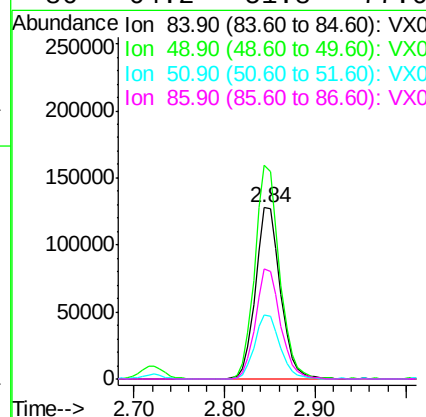
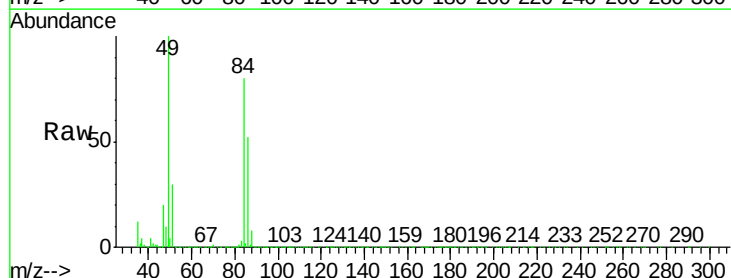
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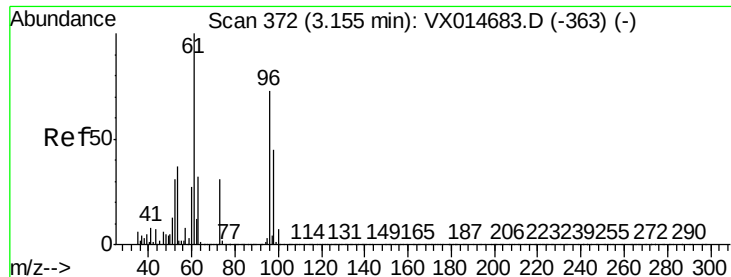
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#20
Methylene Chloride
Concen: 45.843 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	98.2	147.4
51	37.5	31.3	46.9
86	64.2	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 47.104 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

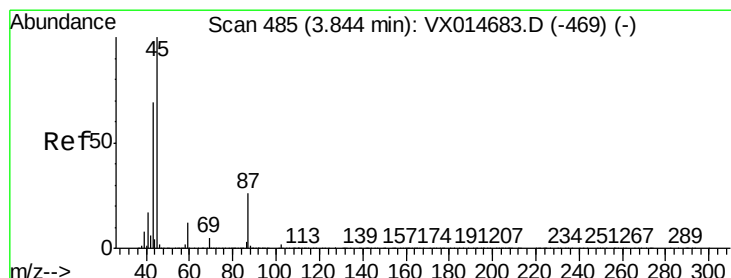
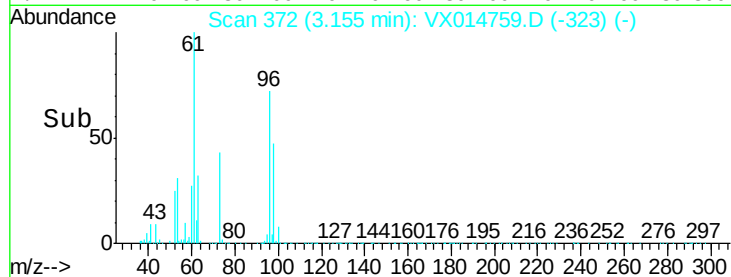
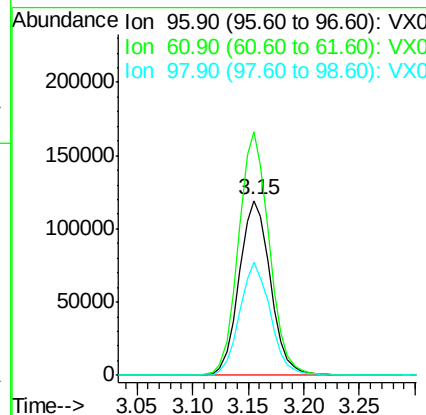
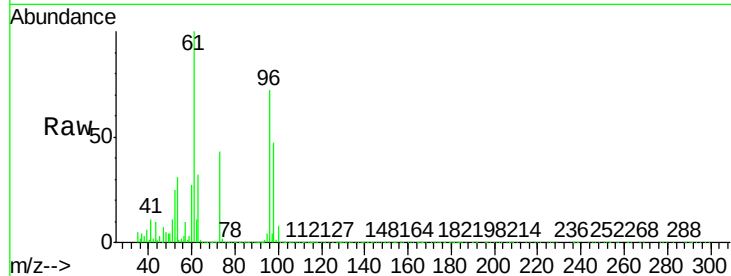
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	230916
Ion	Ratio	Lower	Upper
96	100		
61	139.2	109.8	164.6
98	64.9	49.6	74.4

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#22

Diisopropyl ether

Concen: 49.519 ug/l

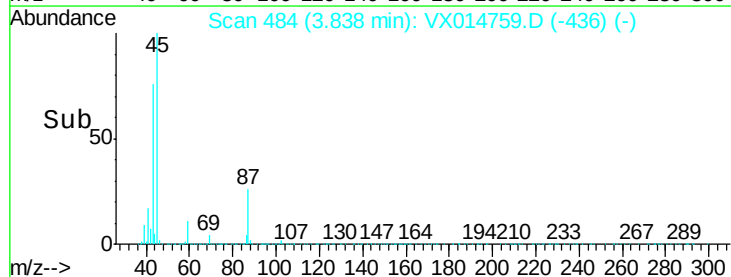
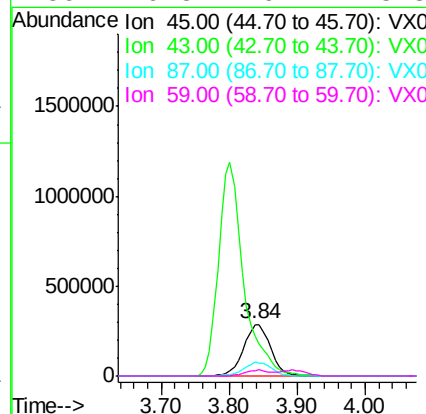
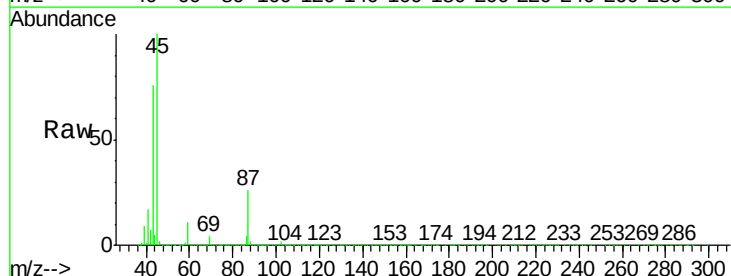
RT: 3.84 min Scan# 484

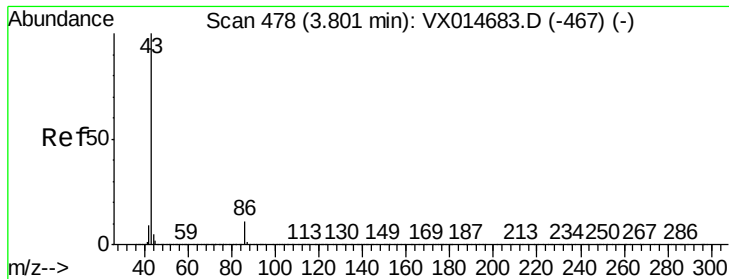
Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Tgt Ion:	45	Resp:	788434
Ion	Ratio	Lower	Upper
45	100		
43	76.1	55.1	82.7
87	26.4	20.7	31.1
59	10.8	9.2	13.8





#23

Vinyl Acetate

Concen: 252.891 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3069354

Ion Ratio Lower Upper

43 100

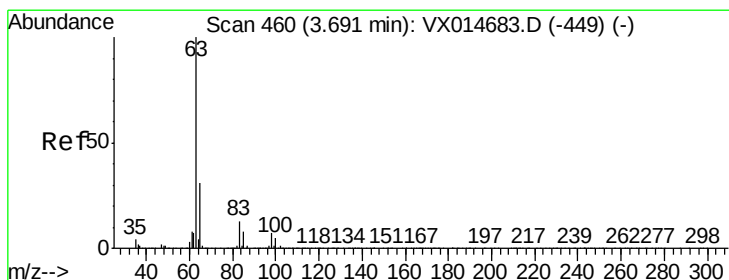
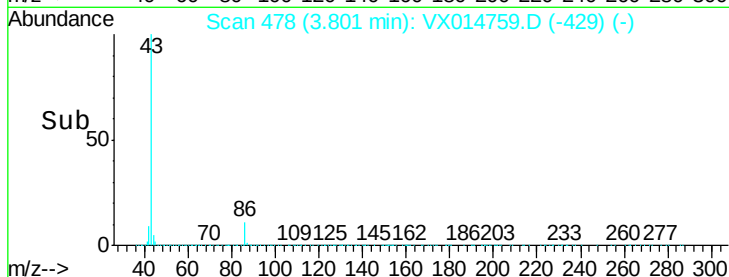
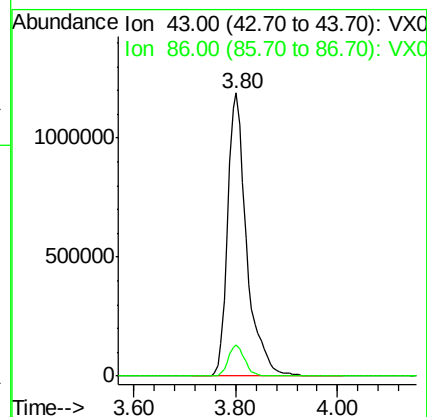
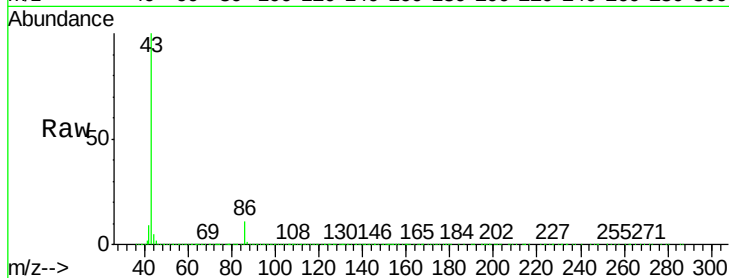
86 10.8 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 48.502 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

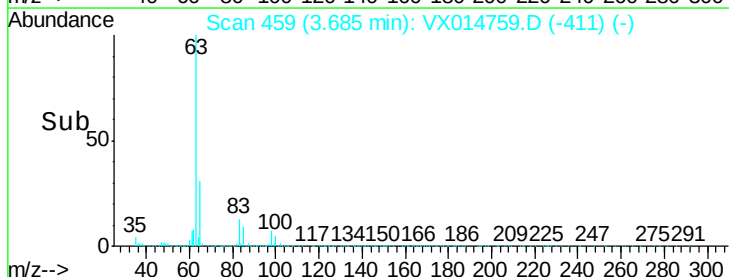
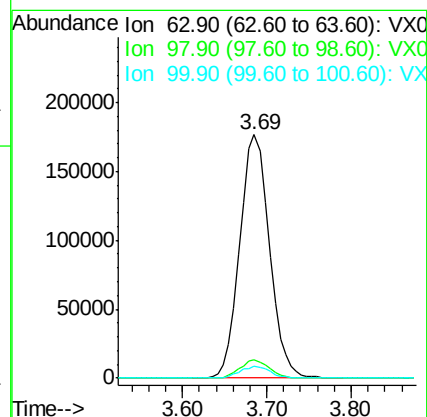
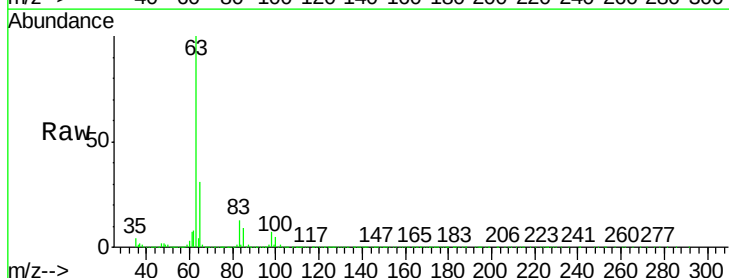
Tgt Ion: 63 Resp: 419380

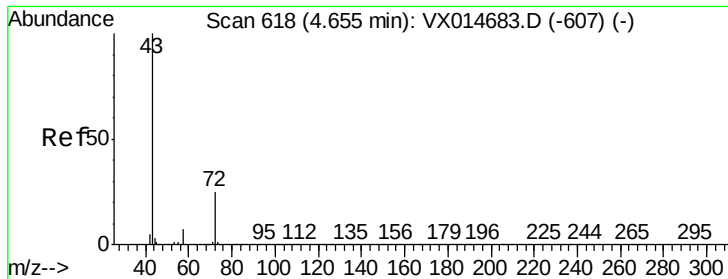
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 223.115 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 916318

Ion Ratio Lower Upper

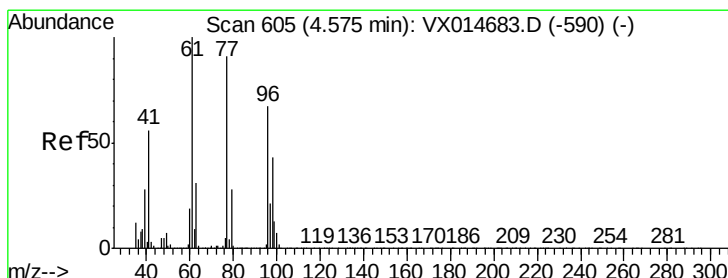
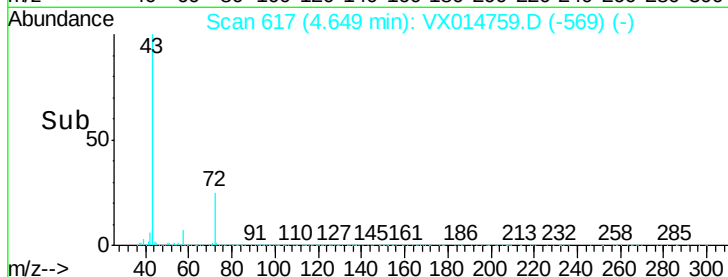
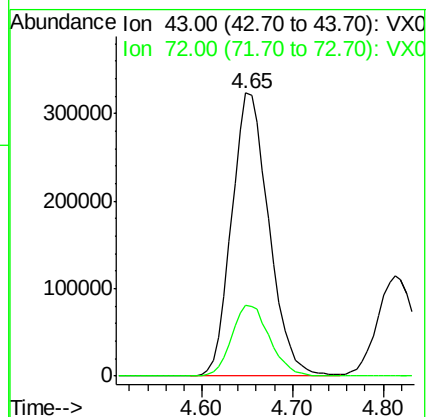
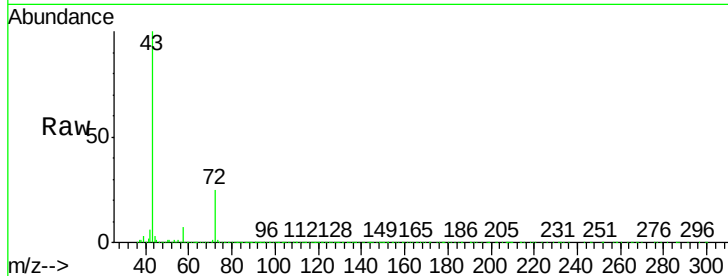
43 100

72 24.8 19.9 29.9

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 50.993 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014759.D

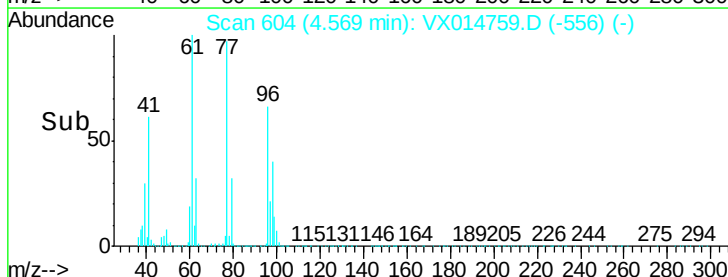
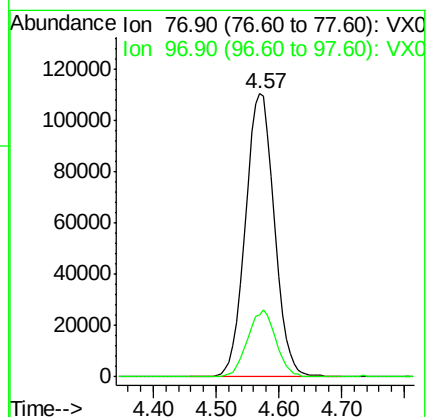
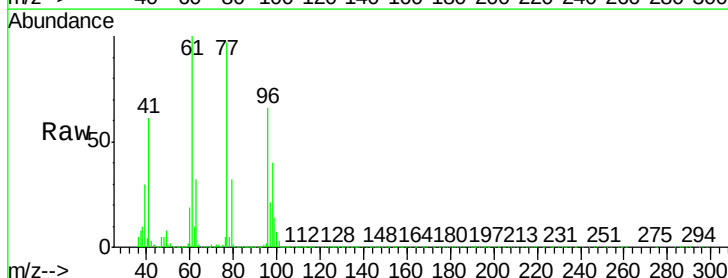
Acq: 29 Jan 2020 10:21

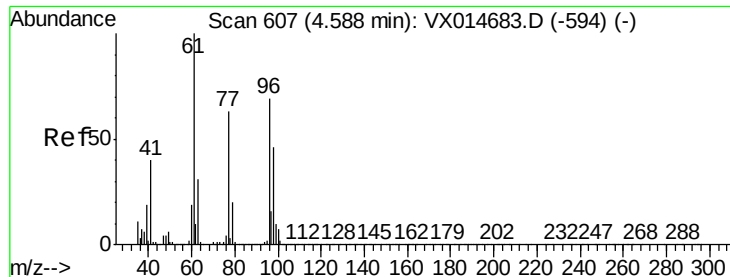
Tgt Ion: 77 Resp: 352927

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.3





#27

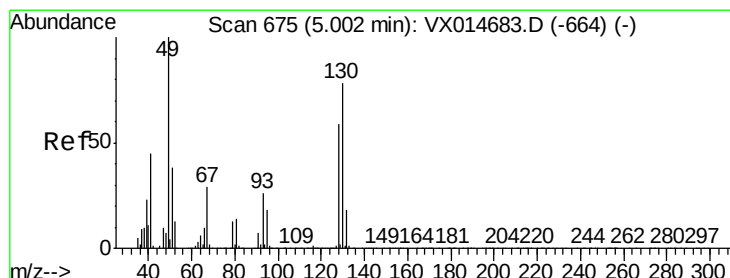
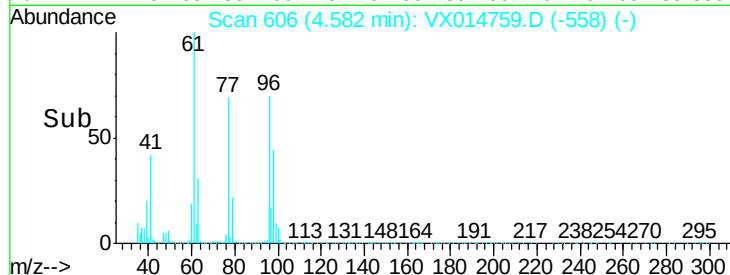
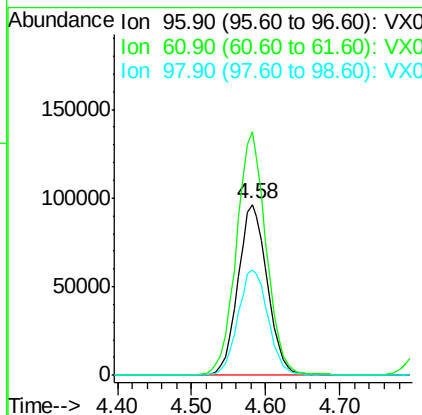
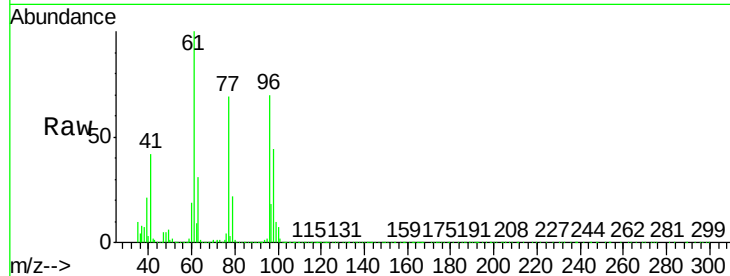
cis-1,2-Dichloroethene
Concen: 48.584 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	266560		
61	143.5	0.0	291.0	
98	63.7	0.0	129.8	

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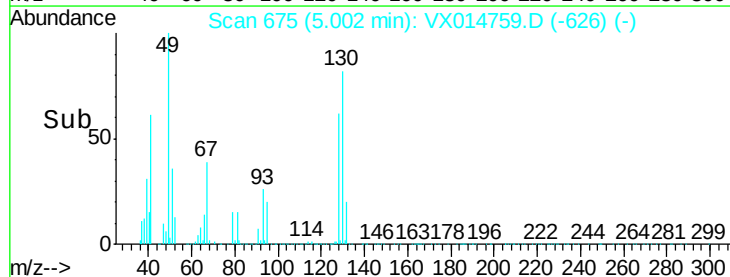
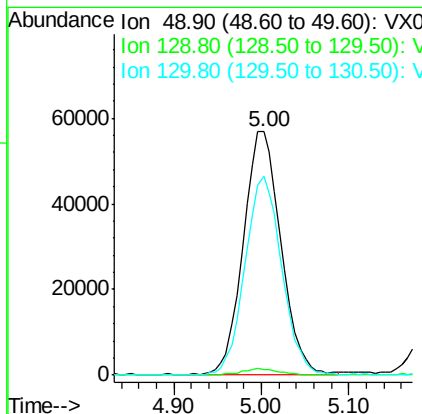
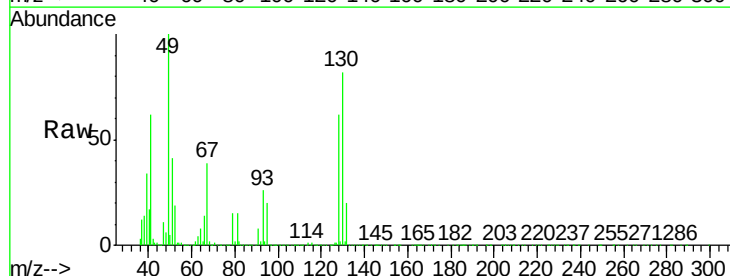
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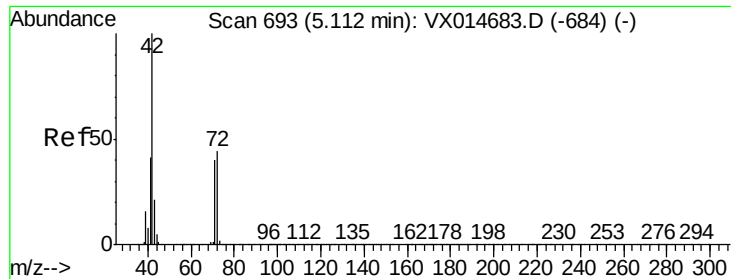


#28

Bromochloromethane
Concen: 44.563 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	169323		
129	2.7	0.0	4.8	
130	80.5	62.4	93.6	





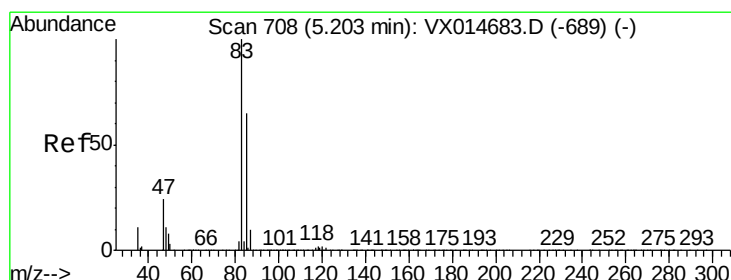
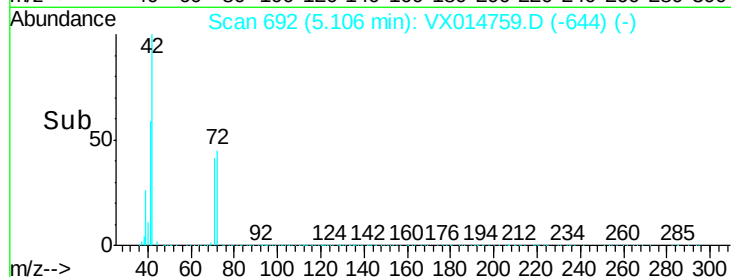
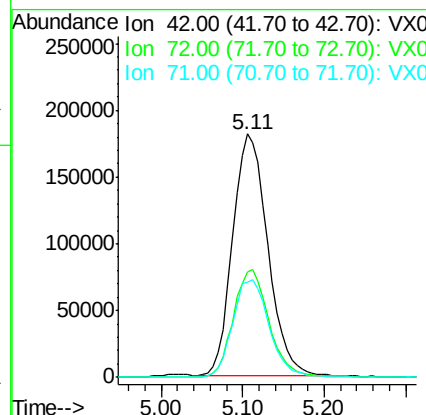
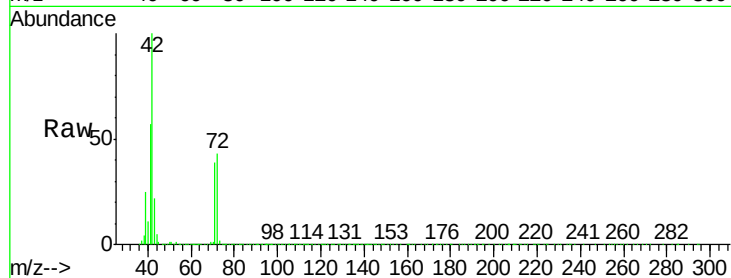
#29
Tetrahydrofuran
Concen: 221.147 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	35.3	52.9
71	41.8	33.1	49.7

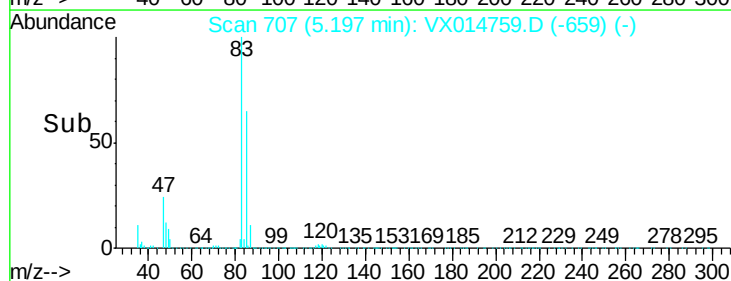
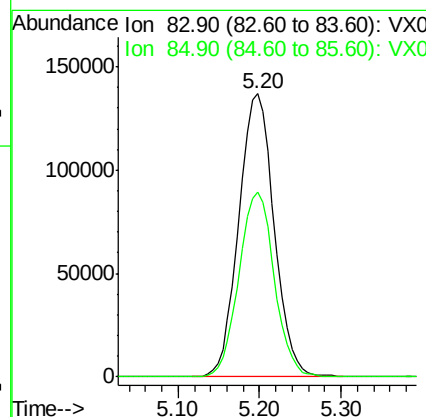
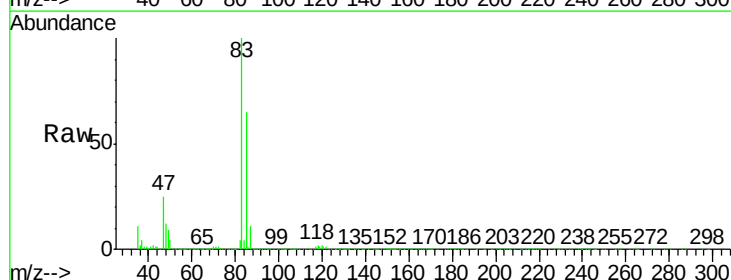
Manual Integrations
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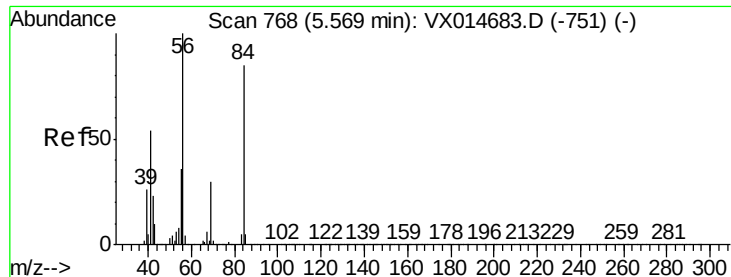
MMDadoda
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#30
Chloroform
Concen: 47.743 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.7	77.5





#31

Cyclohexane

Concen: 48.720 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

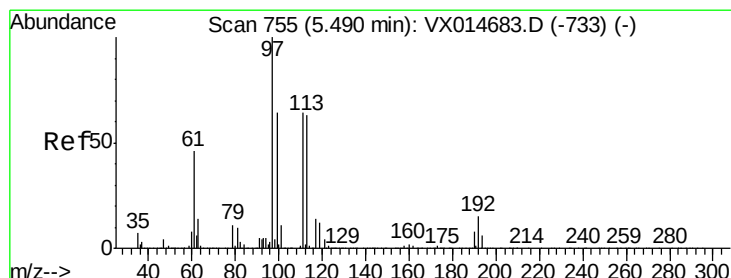
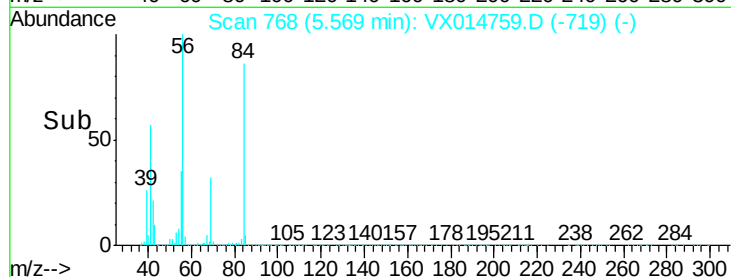
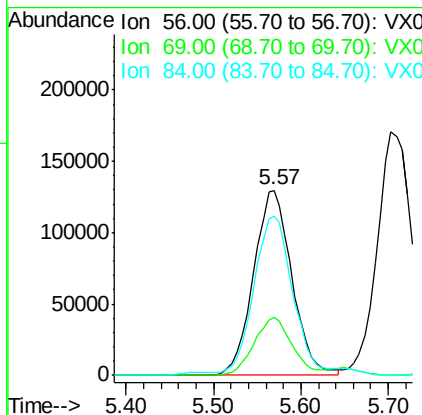
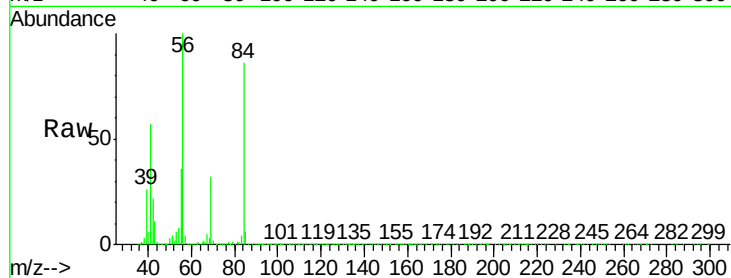
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	396223
Ion Ratio	Lower	Upper	
56	100		
69	31.6	23.4	35.2
84	85.1	68.4	102.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.432 ug/l

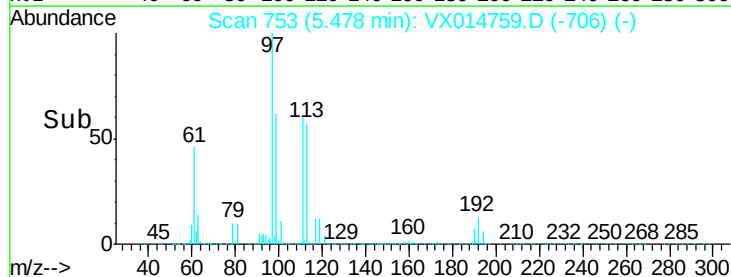
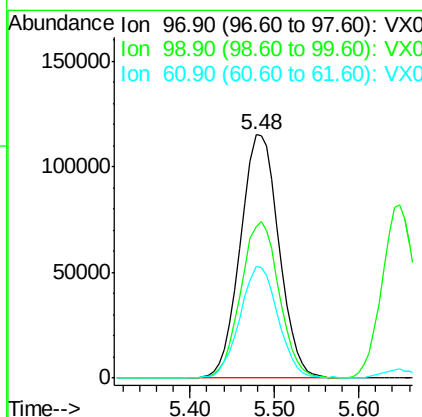
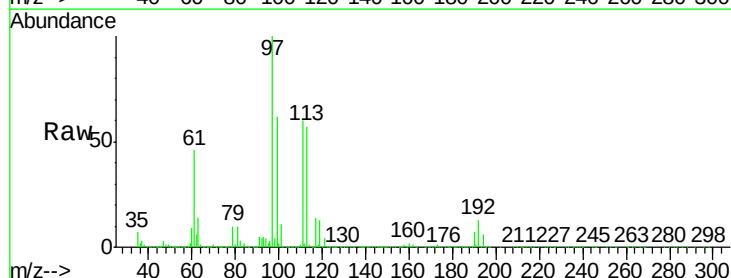
RT: 5.48 min Scan# 753

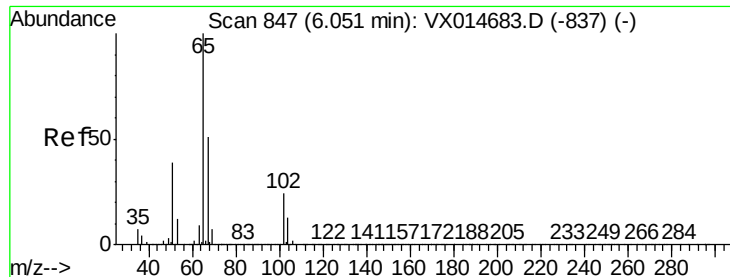
Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Tgt Ion:	97	Resp:	357900
Ion Ratio	Lower	Upper	
97	100		
99	63.8	52.3	78.5
61	44.8	37.2	55.8





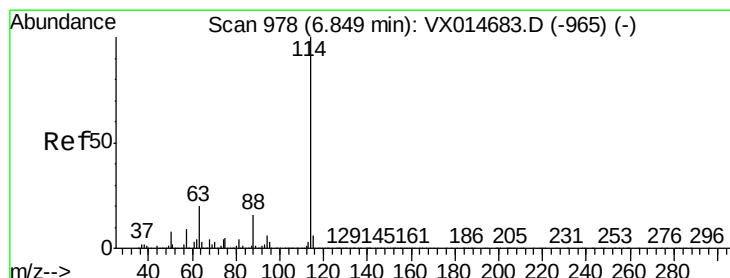
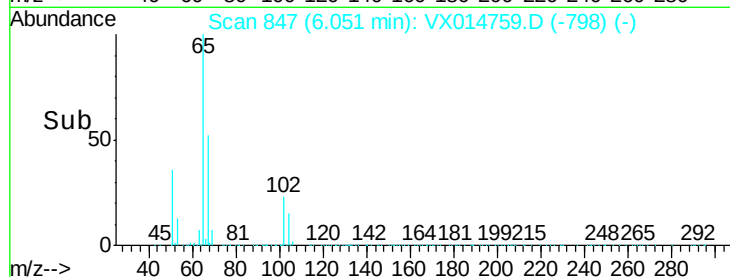
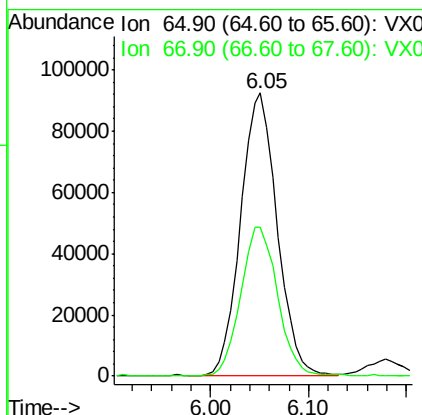
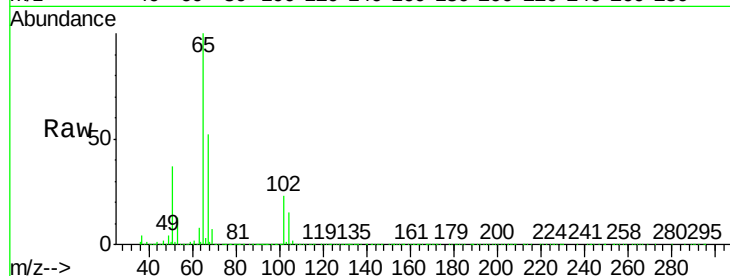
#33
 1,2-Dichloroethane-d4
 Concen: 45.665 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.4

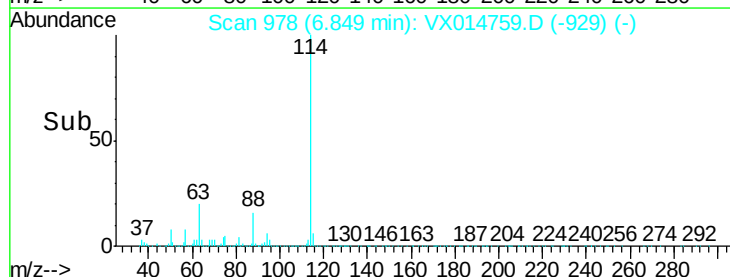
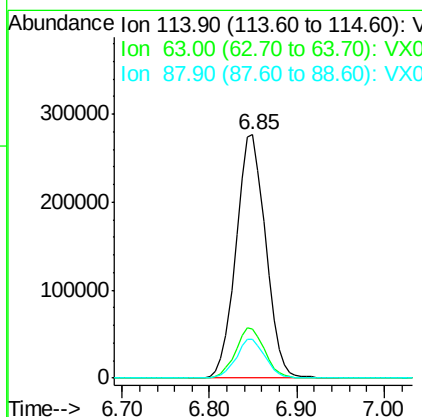
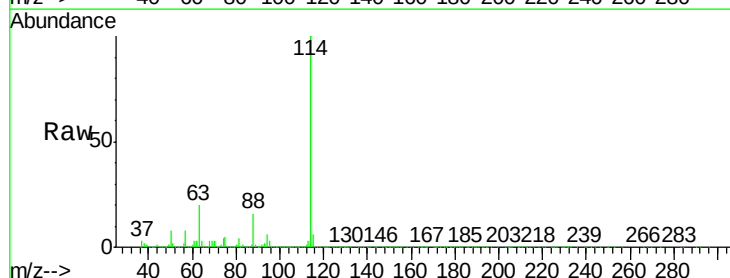
Manual Integrations
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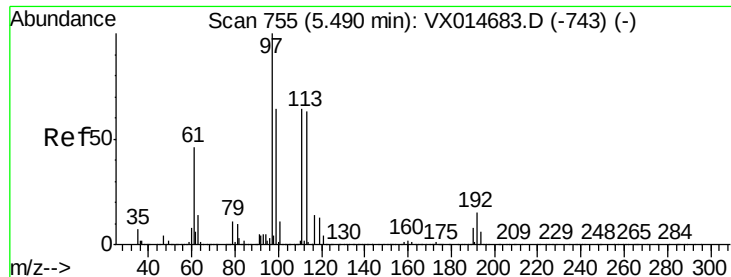
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.6
88	15.7	0.0	31.2





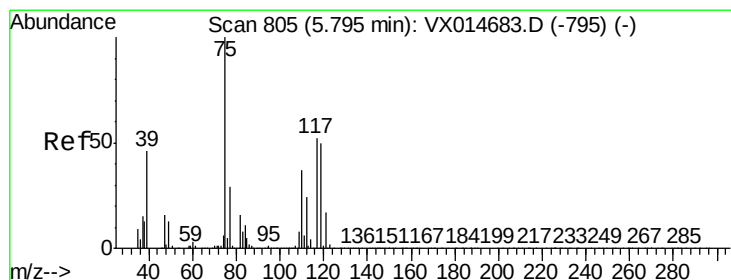
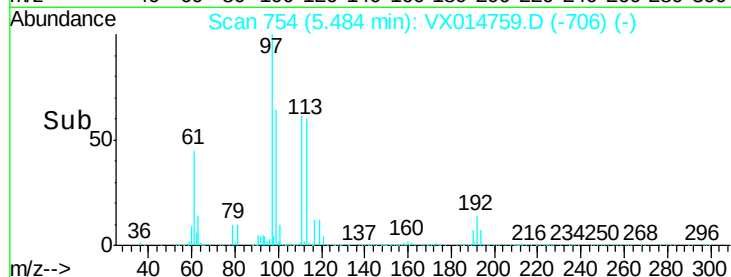
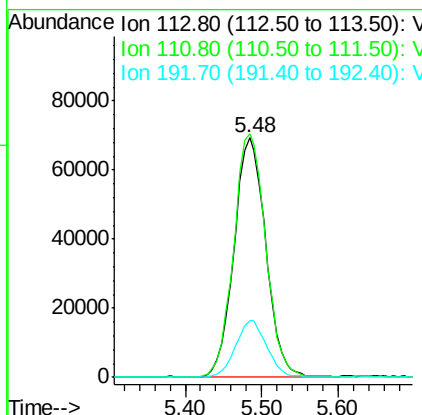
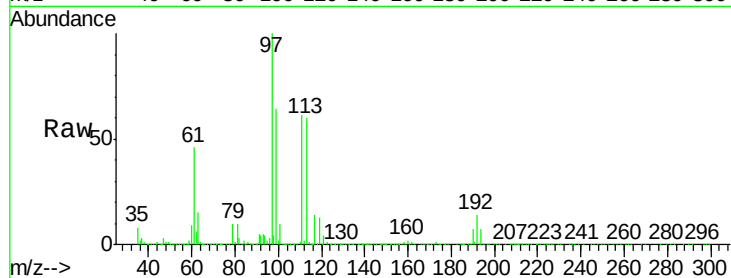
#35
 Dibromofluoromethane
 Concen: 48.262 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	199033		
111	102.6	80.7	121.1	
192	23.1	18.5	27.7	

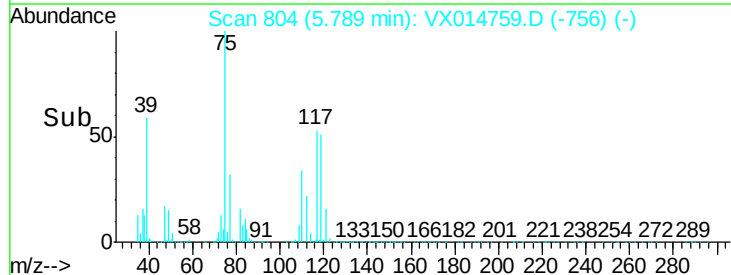
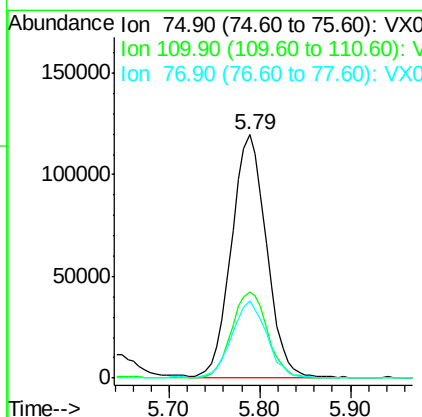
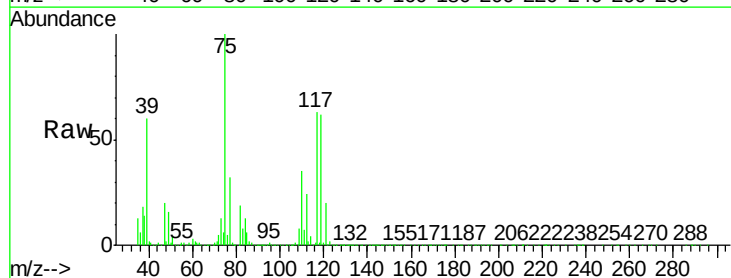
Manual Integrations
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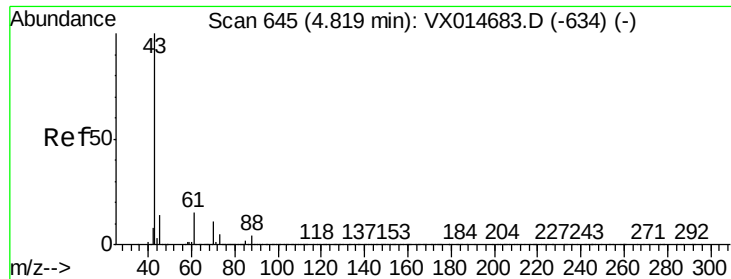
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#36
 1,1-Dichloropropene
 Concen: 52.431 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	318413		
110	36.4	17.9	53.7	
77	31.3	24.1	36.1	





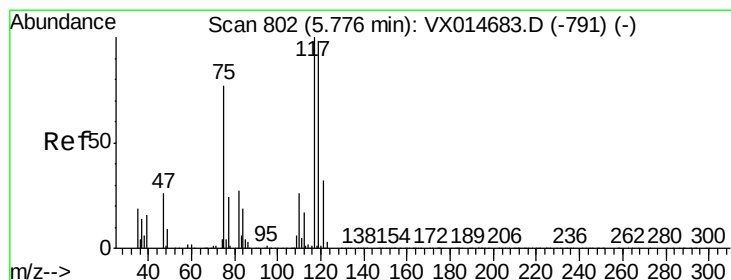
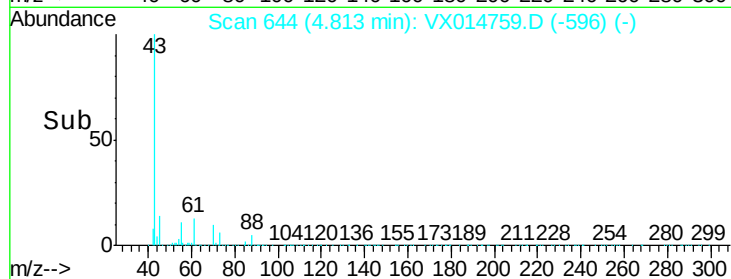
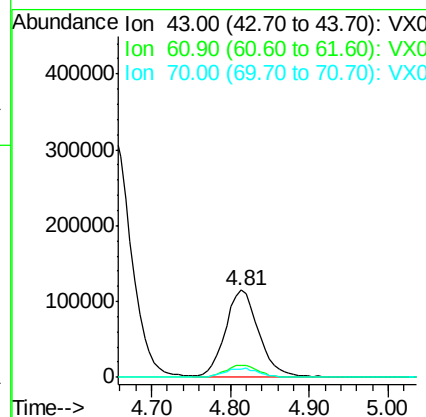
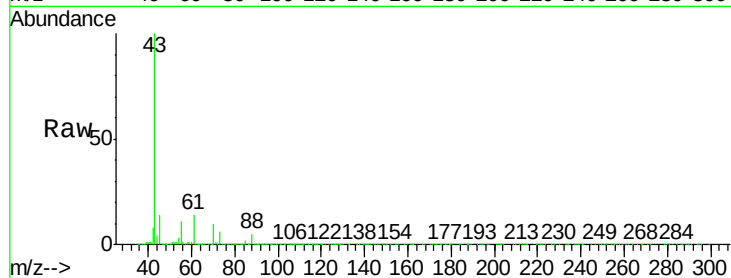
#37
Ethyl Acetate
Concen: 48.204 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	10.9	8.5	12.7

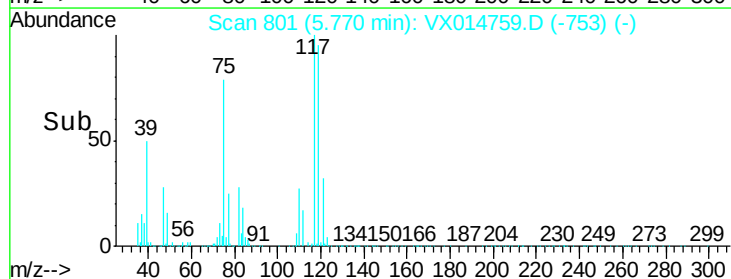
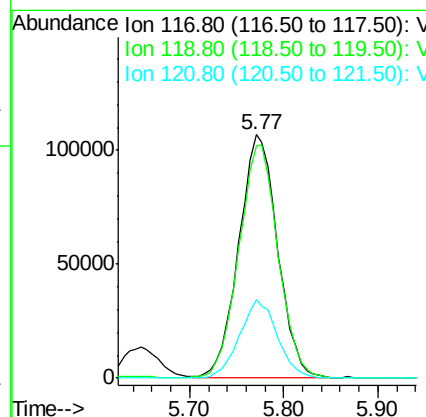
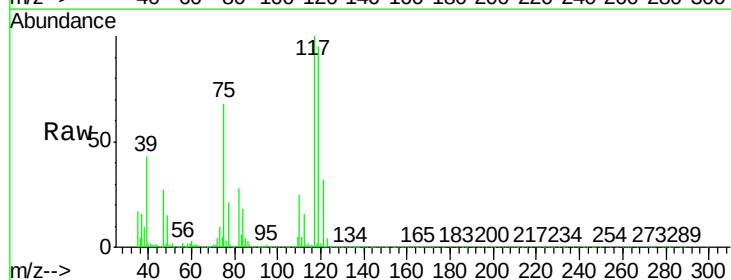
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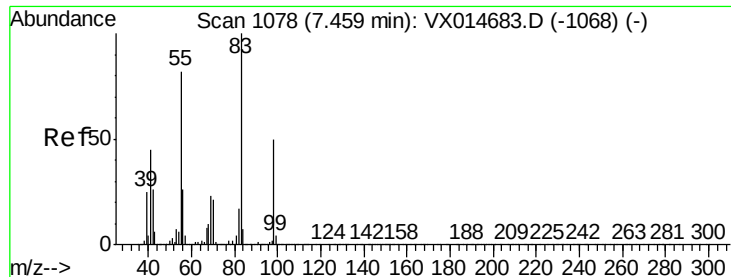
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#38
Carbon Tetrachloride
Concen: 52.737 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.9	116.9
121	32.3	25.4	38.2





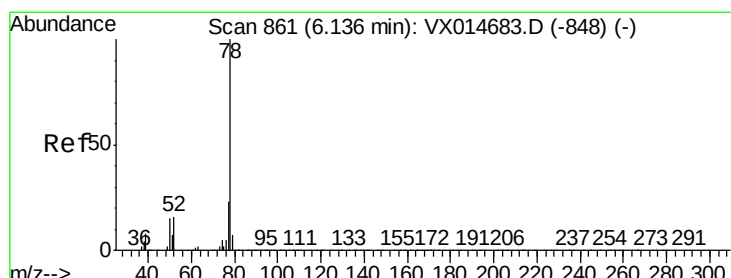
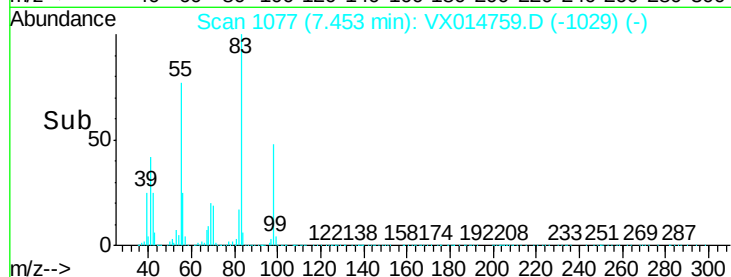
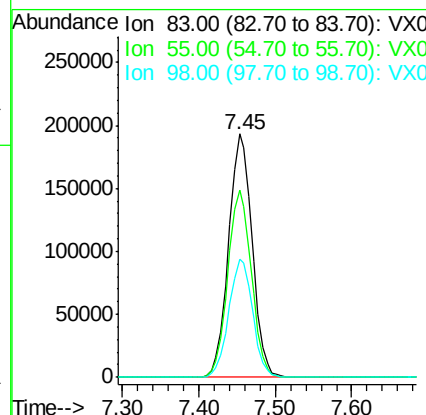
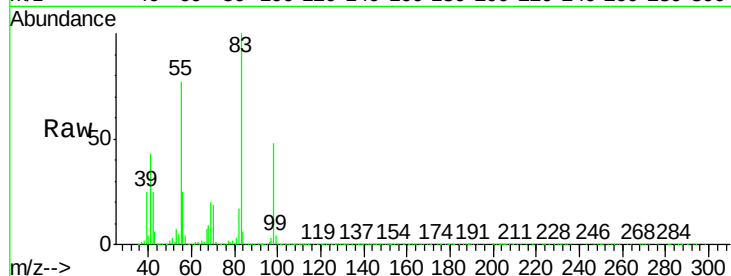
#39
Methylvlcyclohexane
Concen: 53.910 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	65.6	98.4
98	48.4	40.2	60.4

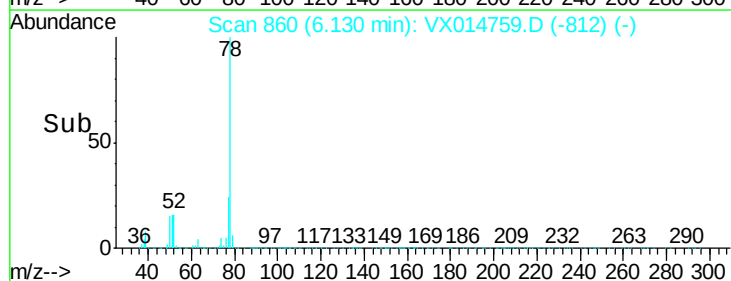
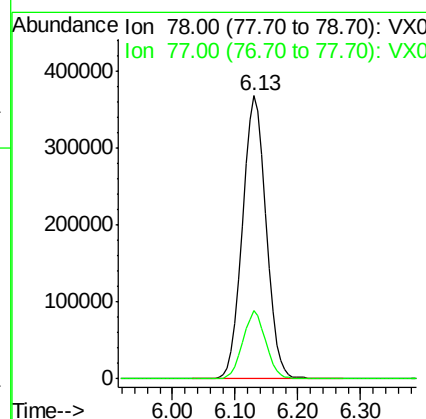
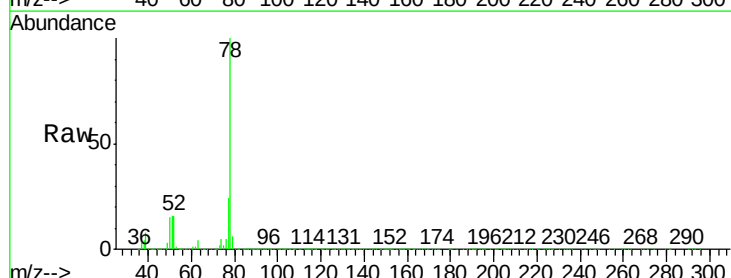
Manual Integrations
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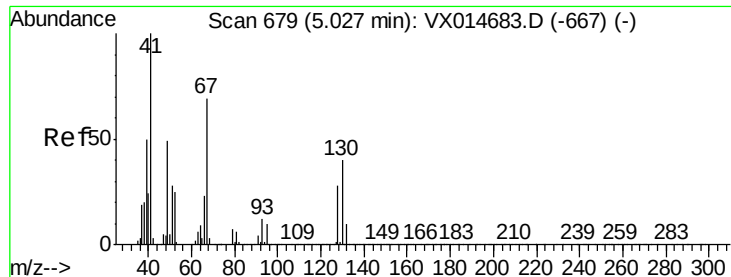
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#40
Benzene
Concen: 51.154 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1





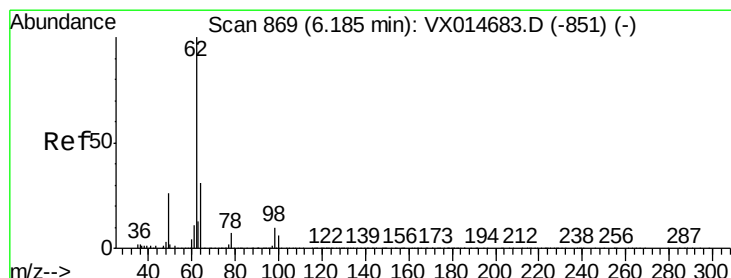
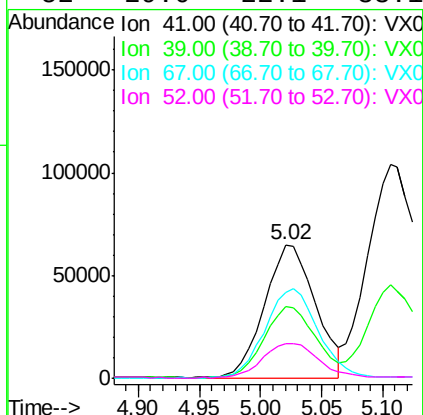
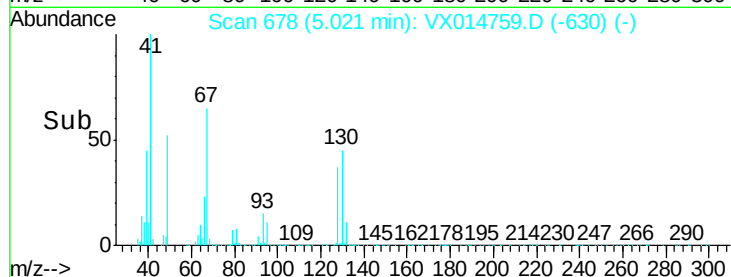
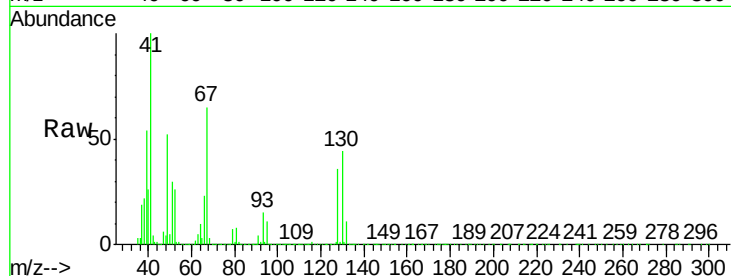
#41
Methacrylonitrile
Concen: 47.133 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		187093		
39	54.4	42.2	63.2		
67	70.0	55.4	83.0		
52	29.0	22.1	33.1		

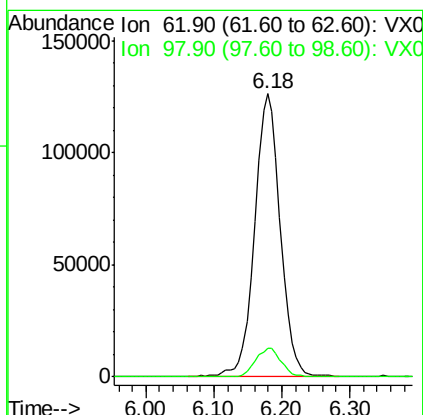
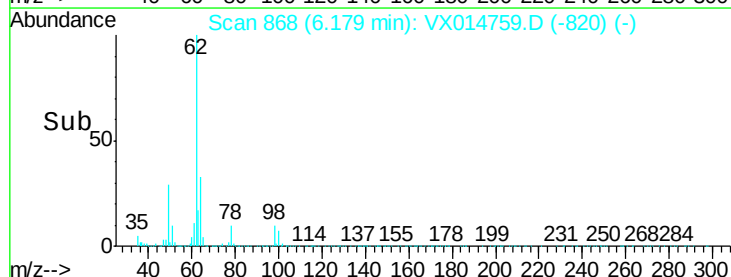
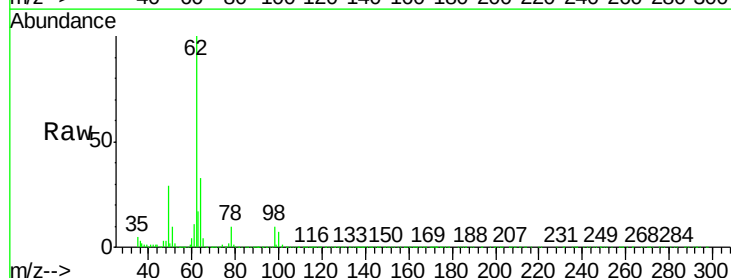
Manual Integrations
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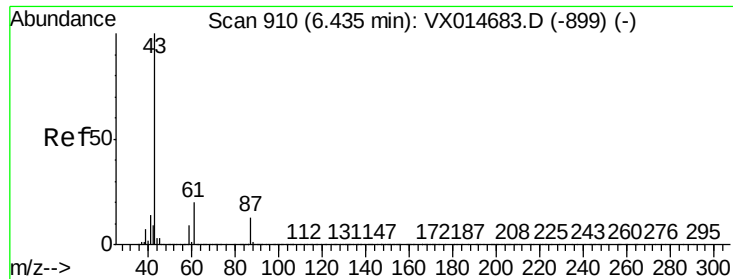
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#42
1,2-Dichloroethane
Concen: 51.053 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		330817		
98	10.4	0.0	20.0		





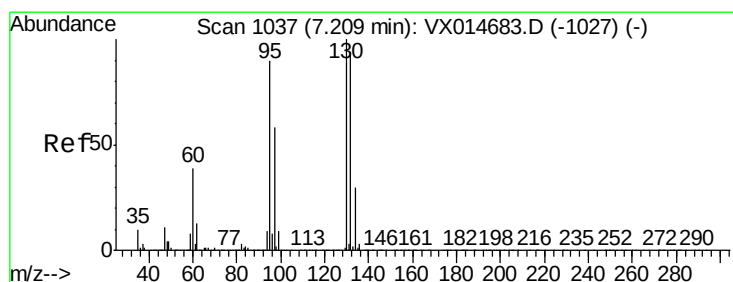
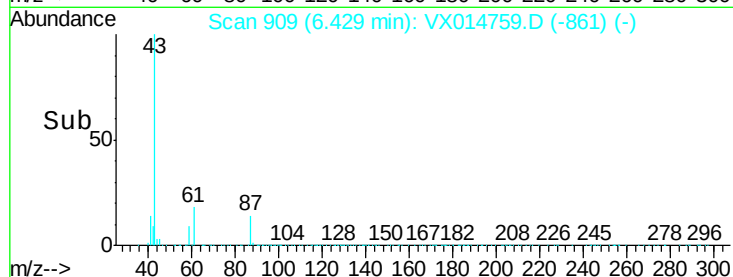
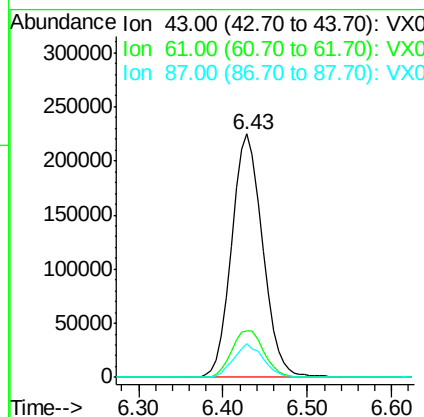
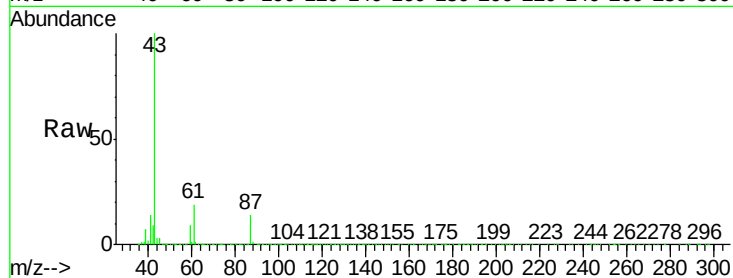
#43
Isopropyl Acetate
Concen: 48.956 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	557615
Ion Ratio	Lower	Upper	
43	100		
61	20.0	16.2	24.4
87	13.4	10.5	15.7

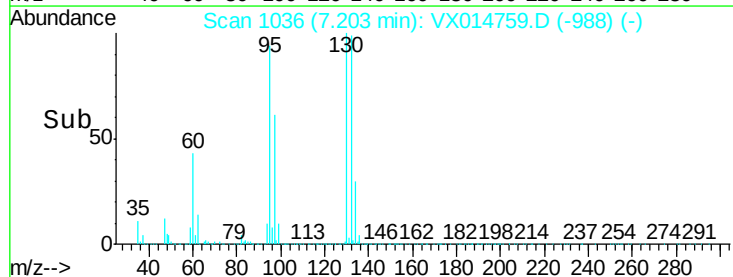
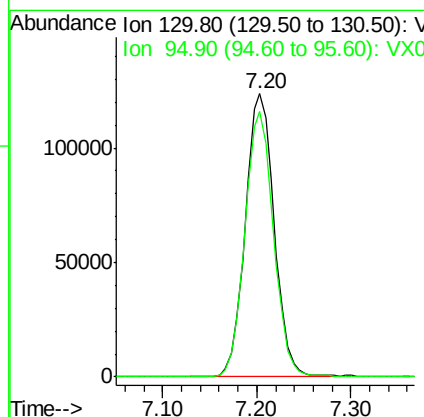
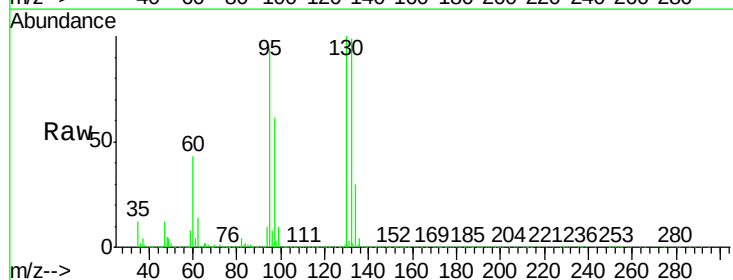
Manual Integrations
APPROVED

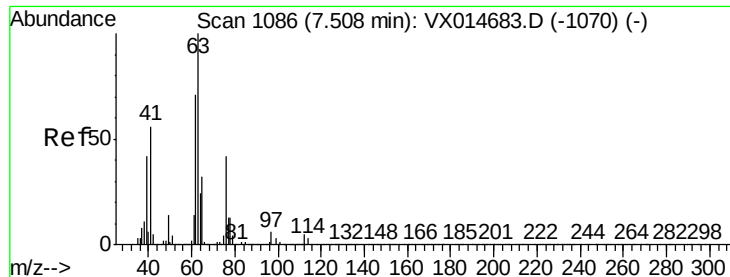
MMDadoda
1/30/2020 10:44:03 AM



#44
Trichloroethene
Concen: 50.080 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	130	Resp	265441
Ion Ratio	Lower	Upper	
130	100		
95	93.8	0.0	179.8





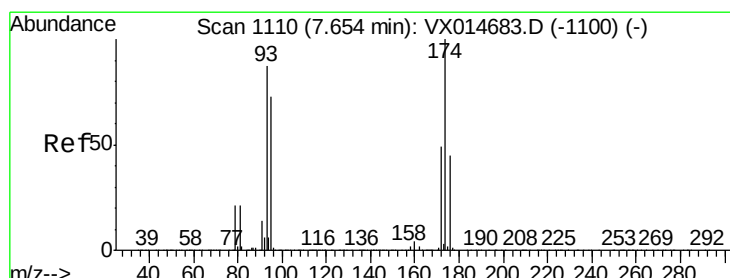
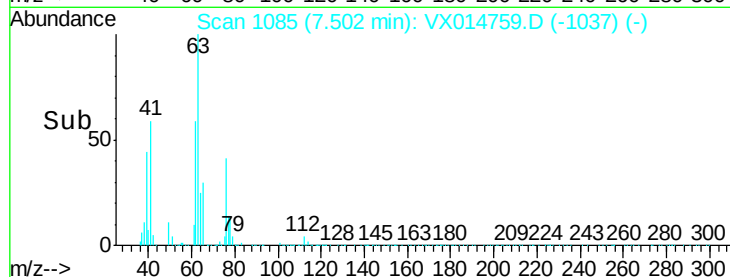
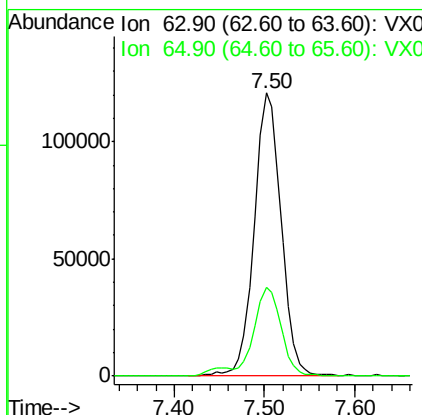
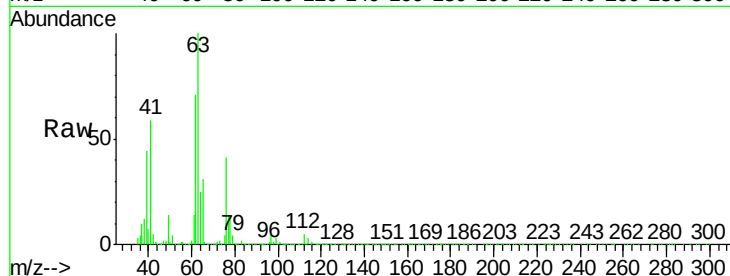
#45
 1,2-Dichloropropane
 Concen: 51.224 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.2	37.8

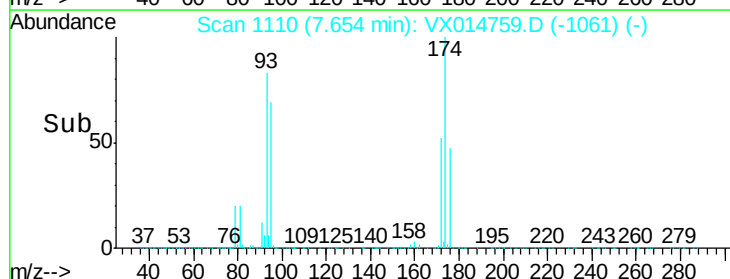
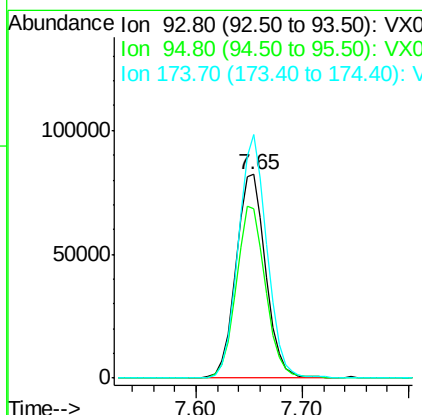
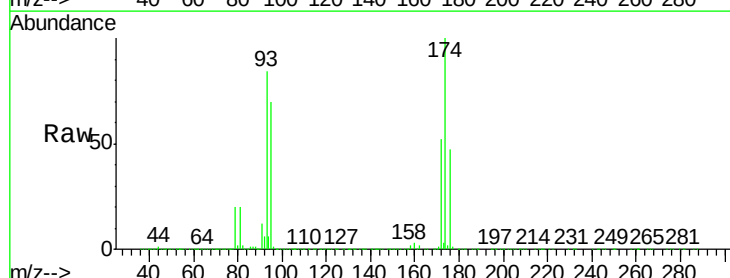
Manual Integrations
 APPROVED

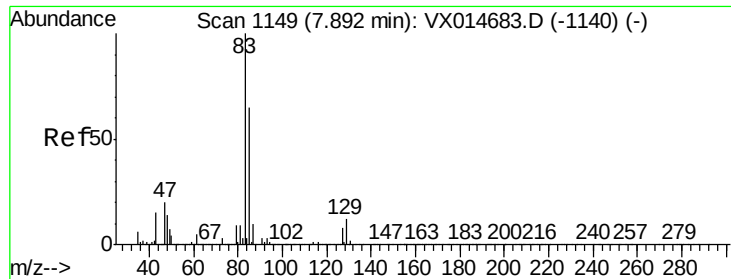
MMDadoda
 1/30/2020 10:44:03 AM



#46
 Dibromomethane
 Concen: 51.087 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	67.0	100.4
174	116.2	90.2	135.2





#47

Bromodichloromethane

Concen: 53.575 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

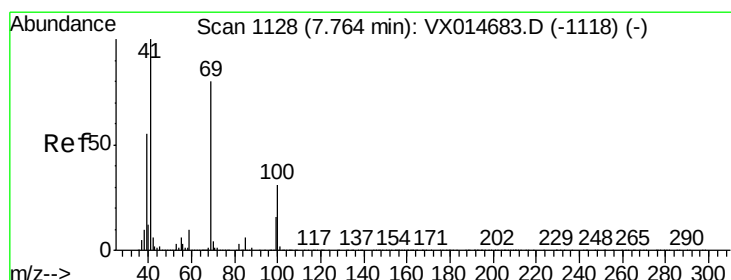
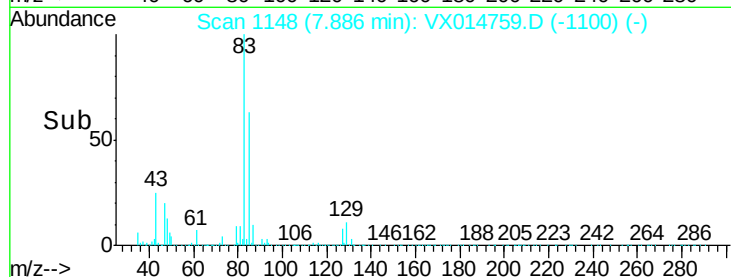
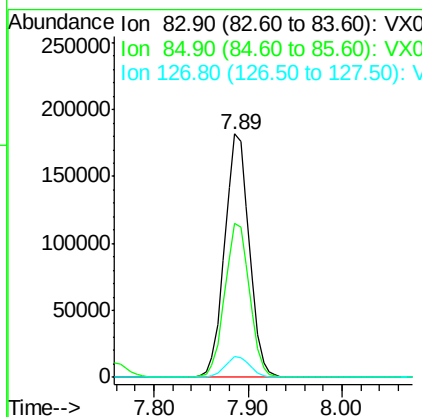
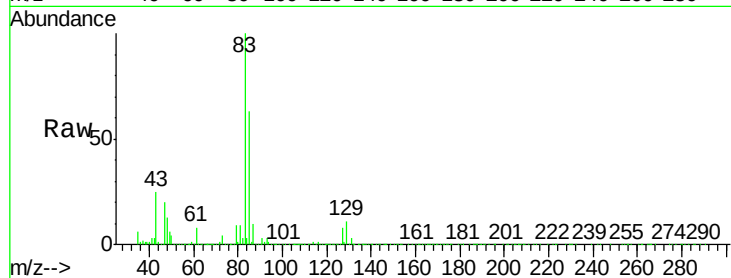
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	328987
Ion Ratio	Lower	Upper	
83	100		
85	63.3	52.2	78.2
127	8.4	6.4	9.6

Manual Integrations
APPROVED

MMDadoda
1/30/2020 10:44:03 AM



#48

Methyl methacrylate

Concen: 51.774 ug/l

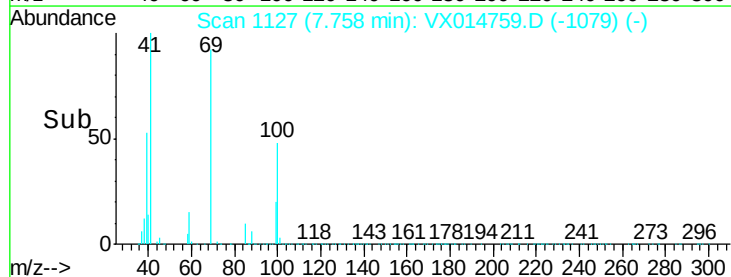
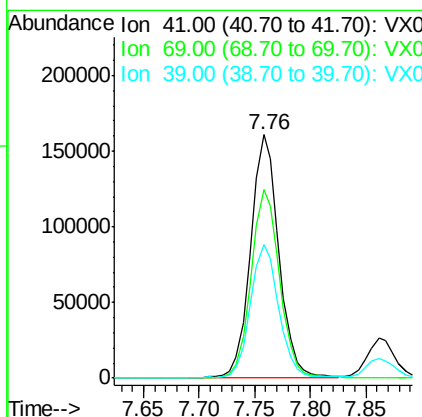
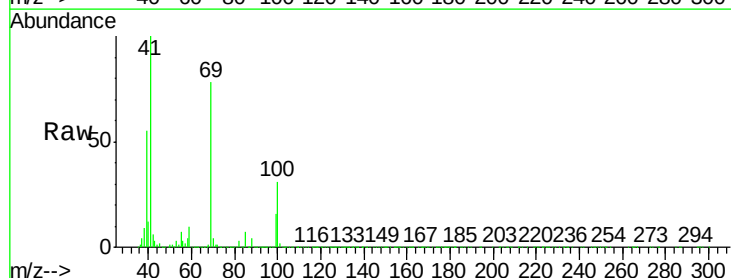
RT: 7.76 min Scan# 1127

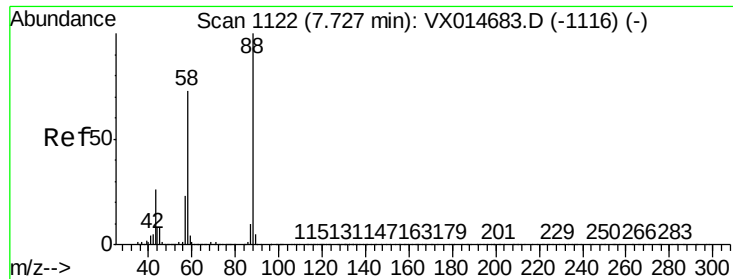
Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Tgt Ion:	41	Resp:	281766
Ion Ratio	Lower	Upper	
41	100		
69	78.7	63.5	95.3
39	55.3	43.7	65.5





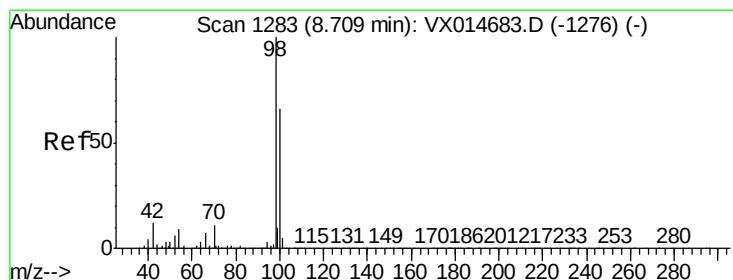
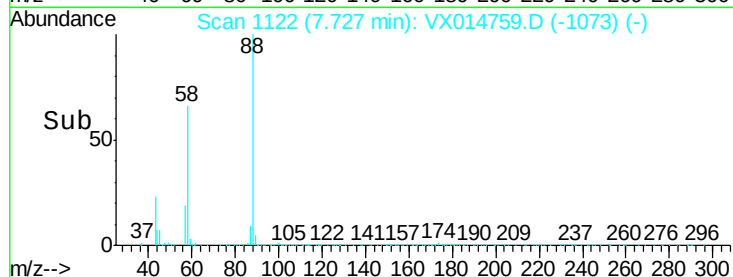
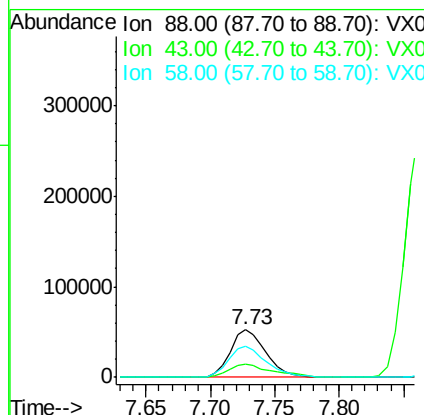
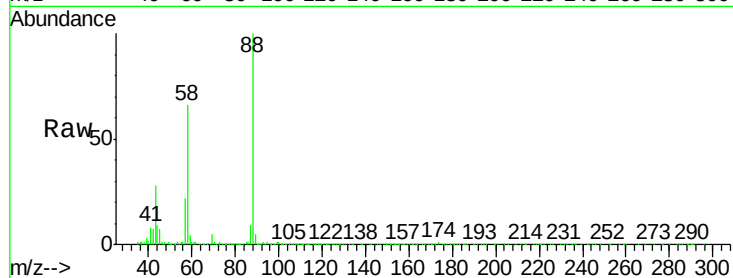
#49
1,4-Dioxane
Concen: 867.365 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.2	39.2
58	70.2	56.6	85.0

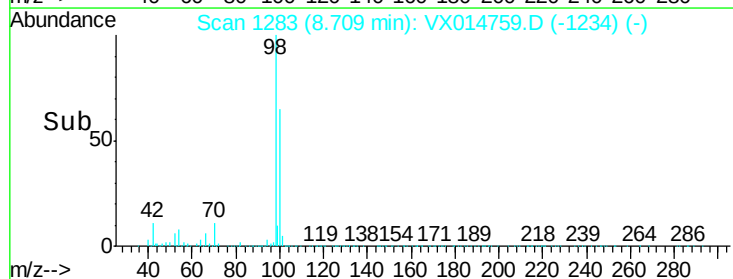
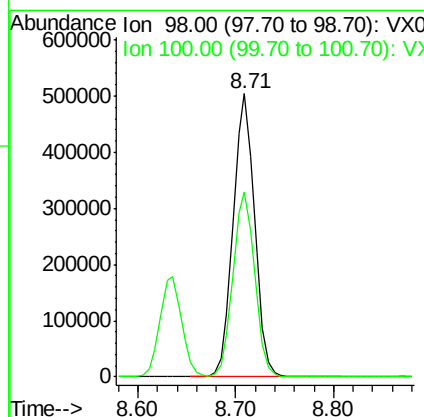
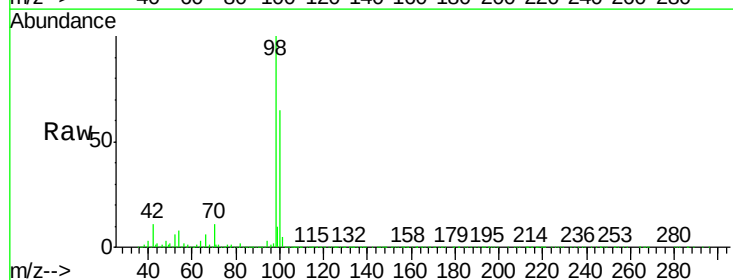
Manual Integrations
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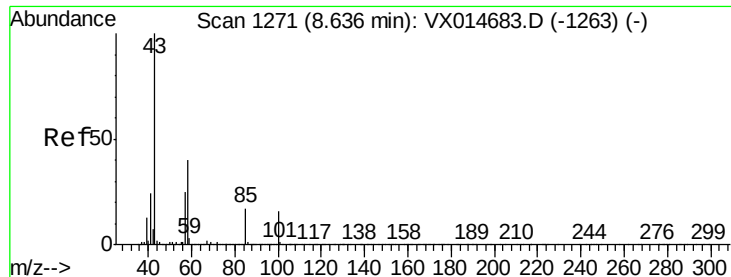
MMDadoda
1/30/2020 10:44:03 AM



#50
Toluene-d8
Concen: 48.323 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 241.355 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1735091

Ion Ratio Lower Upper

43 100

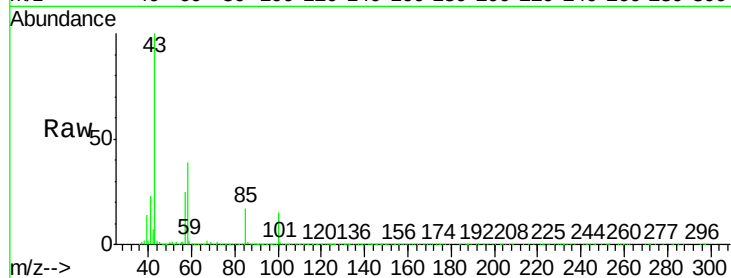
58 39.3 31.6 47.4

Manual Integrations

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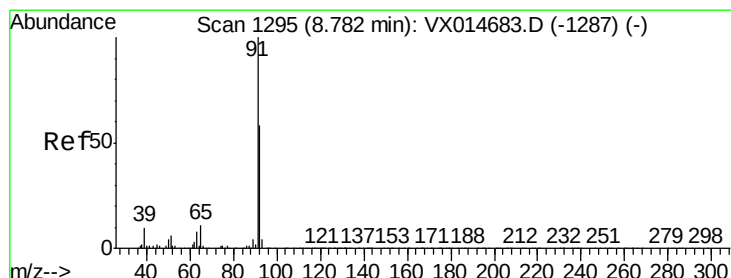
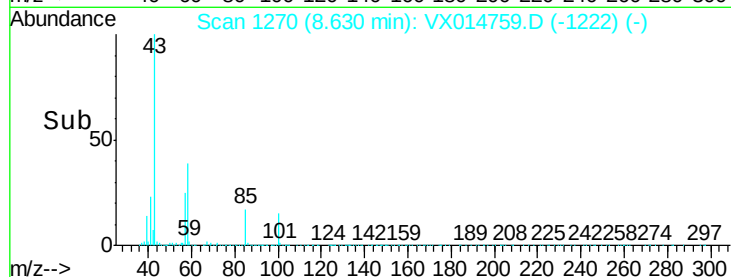
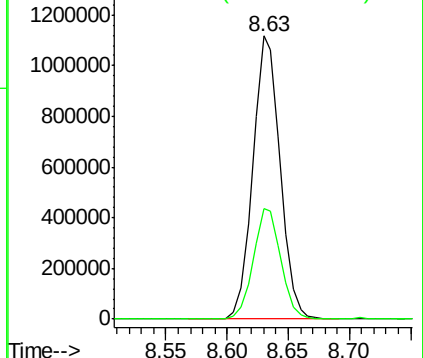
MMDadoda

1/30/2020 10:44:03 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.401 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014759.D

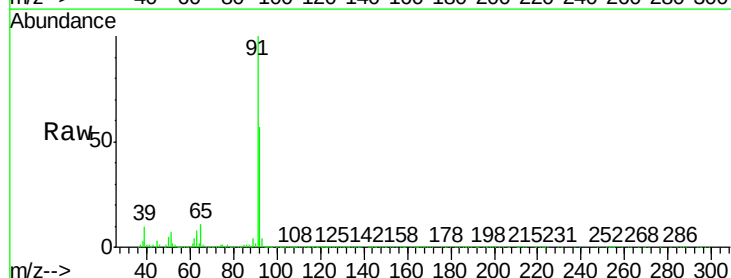
Acq: 29 Jan 2020 10:21

Tgt Ion: 92 Resp: 604426

Ion Ratio Lower Upper

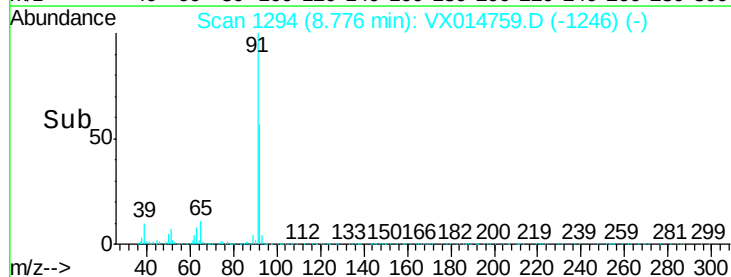
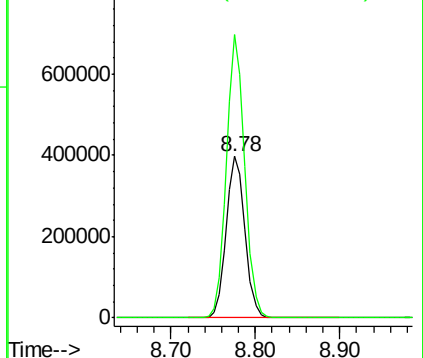
92 100

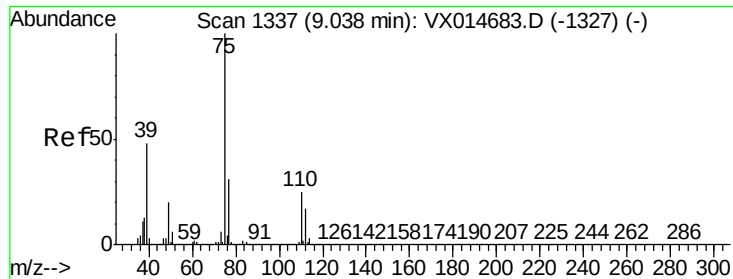
91 171.9 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





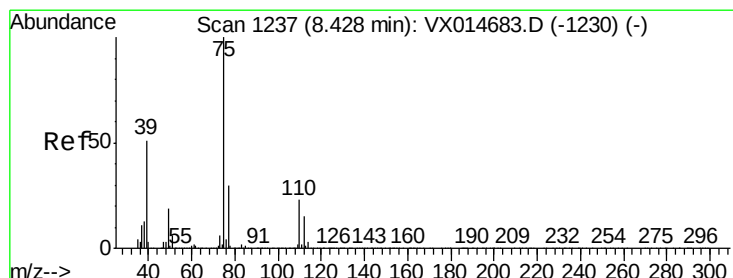
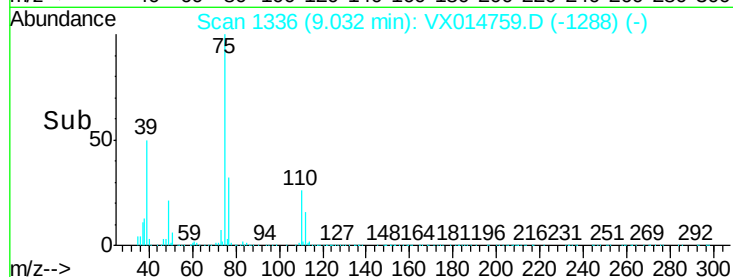
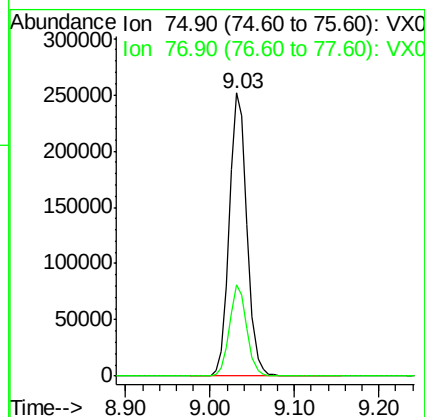
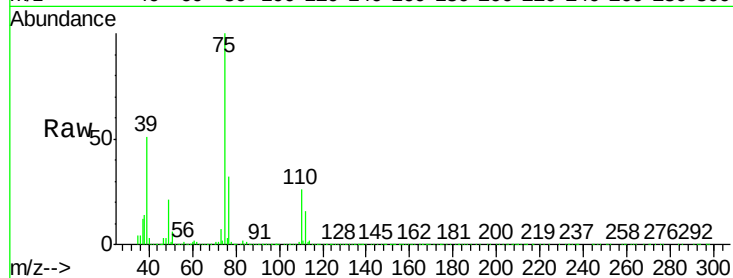
#53
t-1,3-Dichloropropene
Concen: 54.727 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.9	37.3

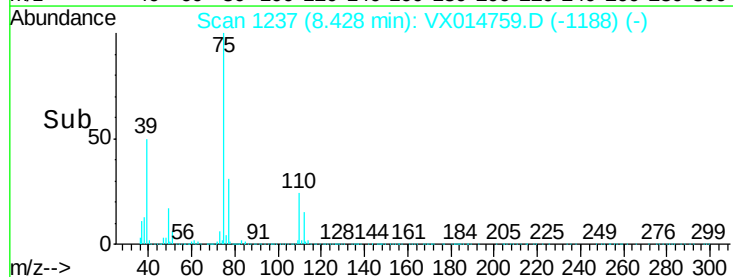
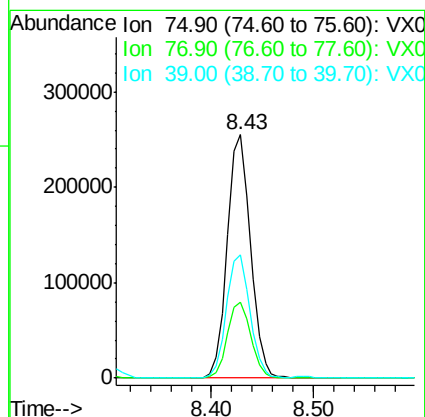
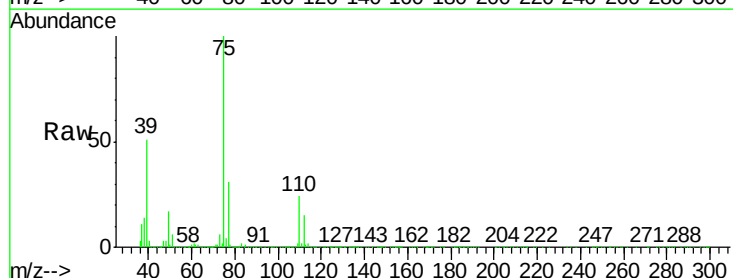
Manual Integrations
APPROVED

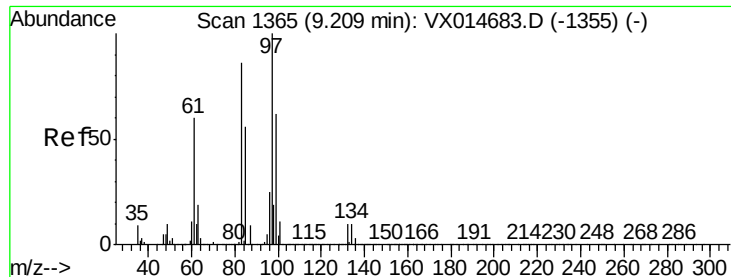
MMDadoda
1/30/2020 10:44:03 AM



#54
cis-1,3-Dichloropropene
Concen: 55.380 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	23.9	35.9
39	50.4	40.9	61.3





#55

1,1,2-Trichloroethane

Concen: 52.052 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

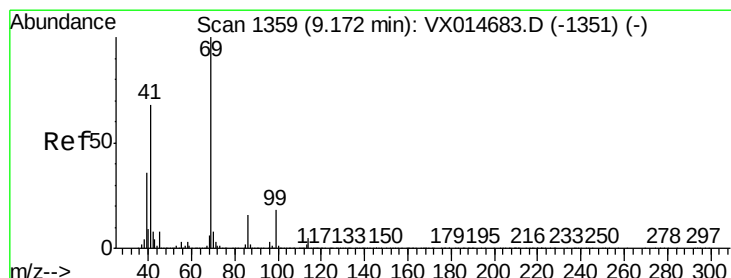
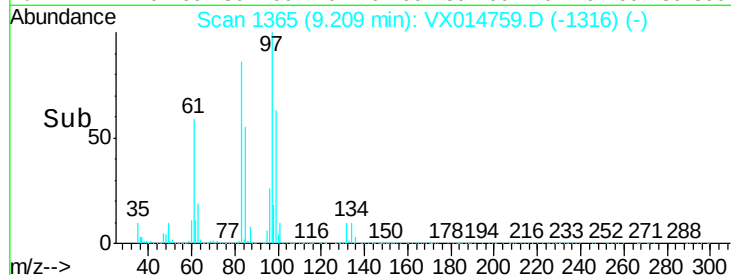
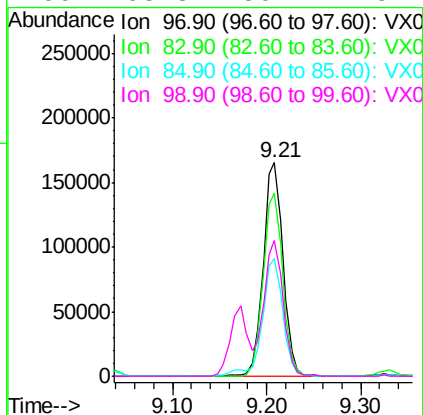
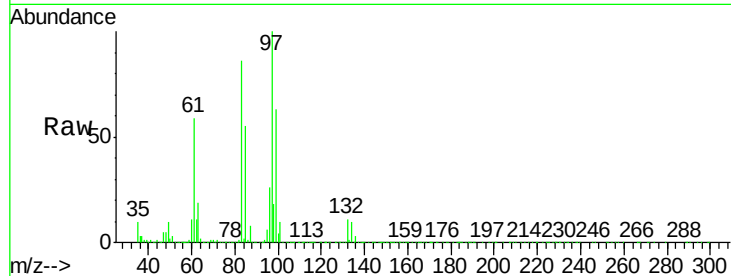
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	245817
Ion Ratio	Lower	Upper	
97	100		
83	85.5	69.2	103.8
85	55.2	44.6	67.0
99	63.3	50.1	75.1

Manual Integrations
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#56

Ethyl methacrylate

Concen: 48.174 ug/l

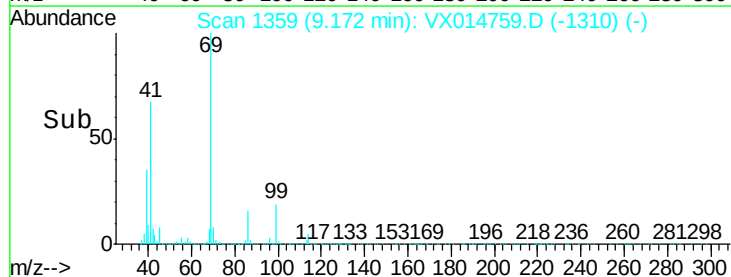
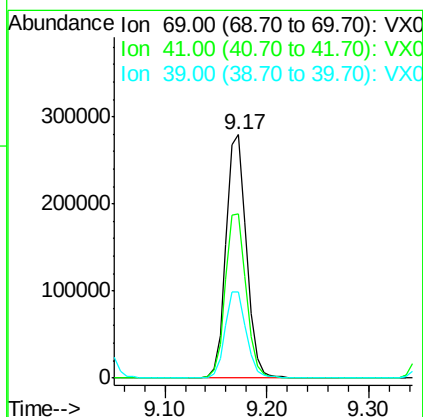
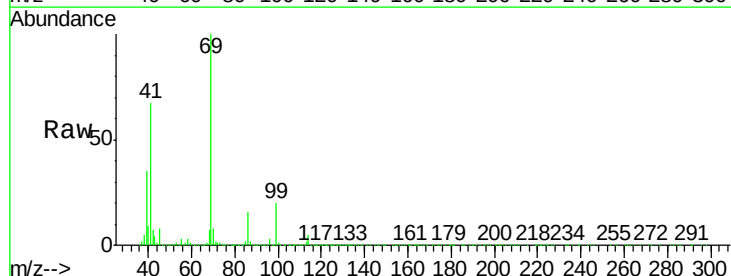
RT: 9.17 min Scan# 1359

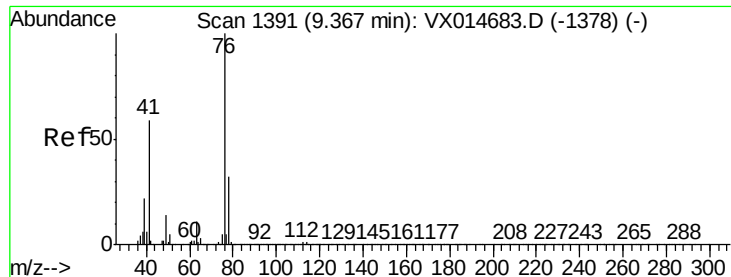
Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Tgt Ion:	69	Resp:	385154
Ion Ratio	Lower	Upper	
69	100		
41	68.6	54.9	82.3
39	36.6	29.3	43.9





#57

1,3-Dichloropropane

Concen: 51.374 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 414746

Ion Ratio Lower Upper

76 100

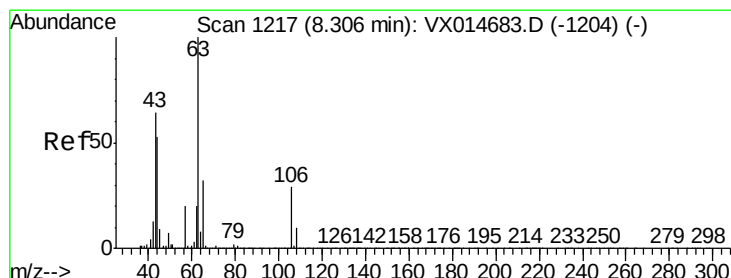
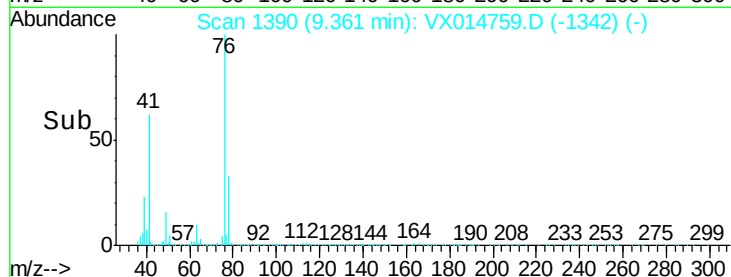
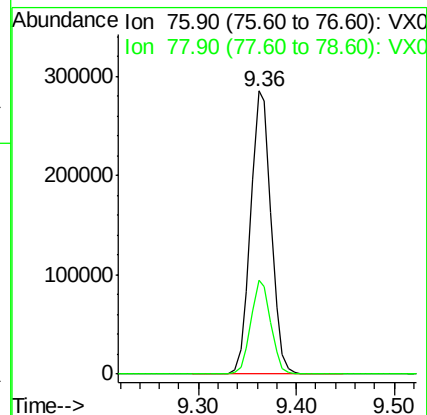
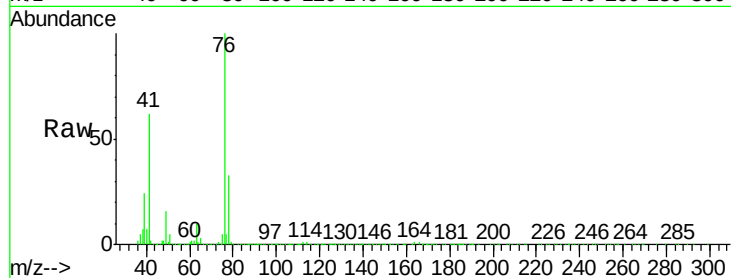
78 32.2 26.0 39.0

Manual Integrations

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MMDadoda

1/30/2020 10:44:03 AM



#58

2-Chloroethyl Vinyl ether

Concen: 291.654 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014759.D

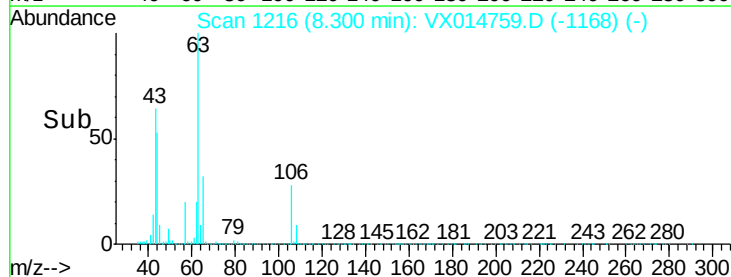
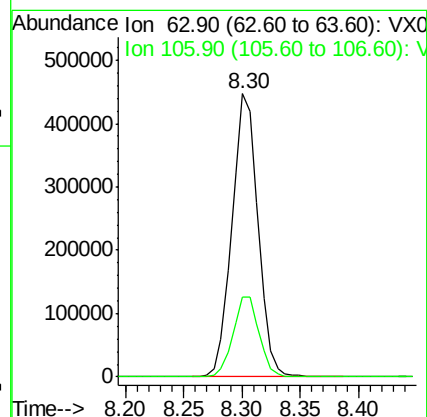
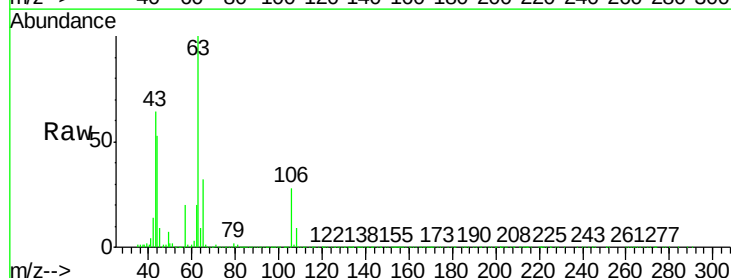
Acq: 29 Jan 2020 10:21

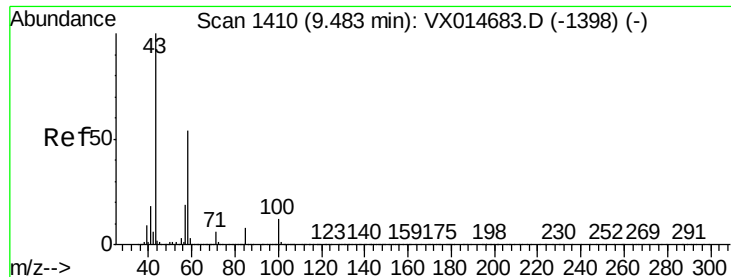
Tgt Ion: 63 Resp: 692681

Ion Ratio Lower Upper

63 100

106 28.5 22.7 34.1





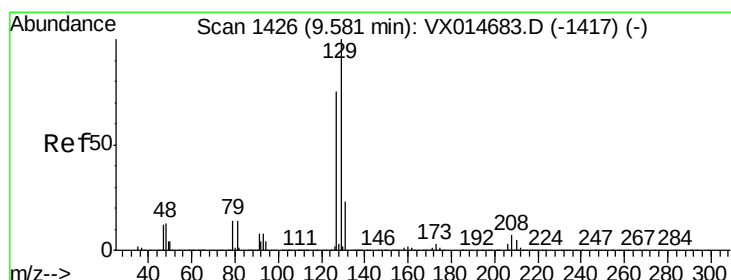
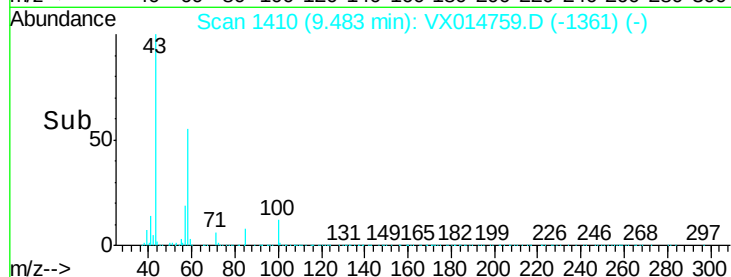
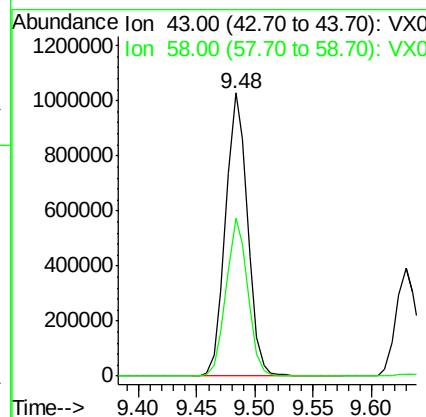
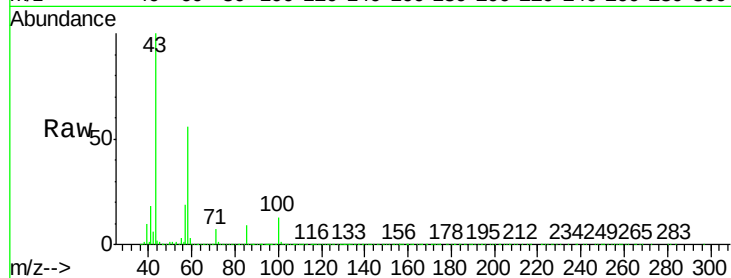
#59
2-Hexanone
Concen: 240.908 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1343914
Ion Ratio Lower Upper
43 100
58 54.6 27.2 81.5

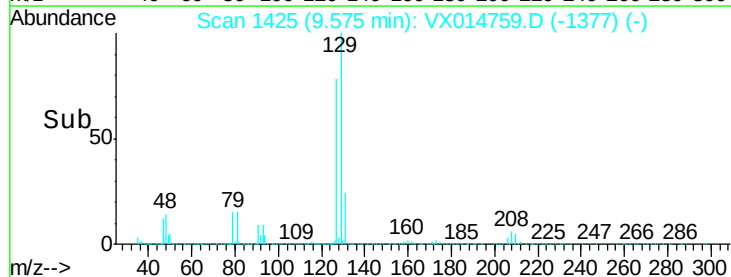
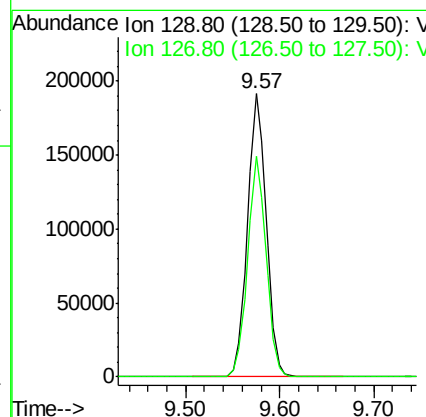
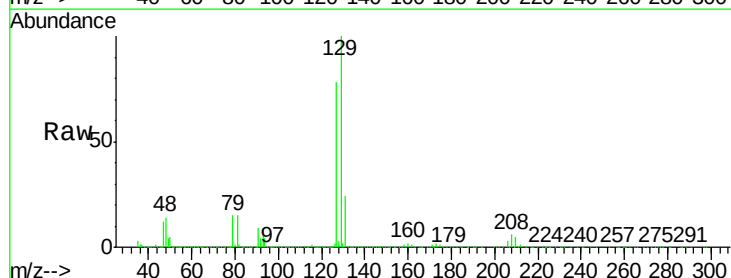
Manual Integrations
APPROVED

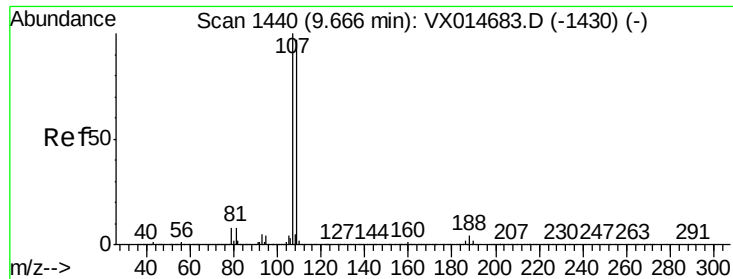
MMDadoda
1/30/2020 10:44:03 AM



#60
Dibromochloromethane
Concen: 53.684 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion: 129 Resp: 264627
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.165 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 255475

Ion Ratio Lower Upper

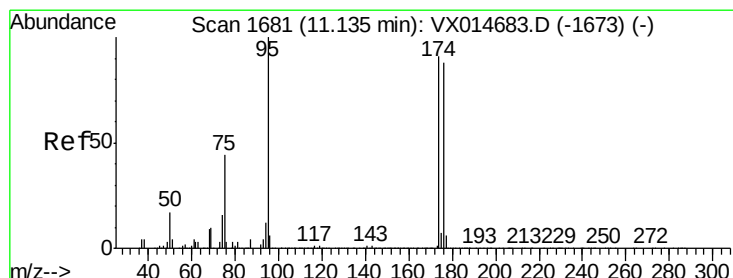
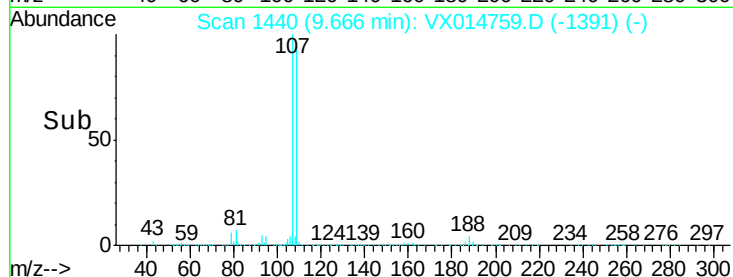
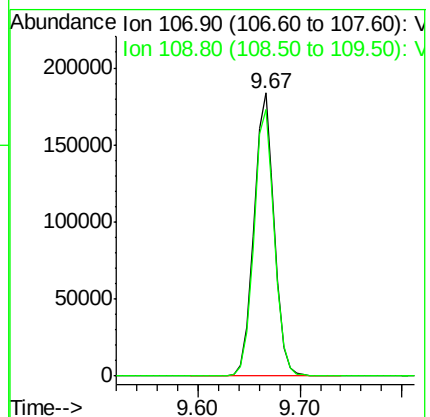
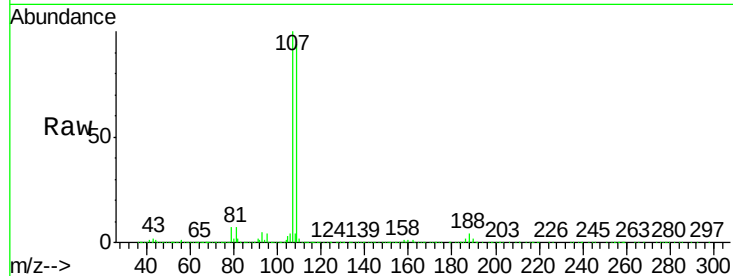
107 100

109 94.9 76.2 114.2

Manual Integrations
APPROVED

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#62

4-Bromofluorobenzene

Concen: 48.216 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

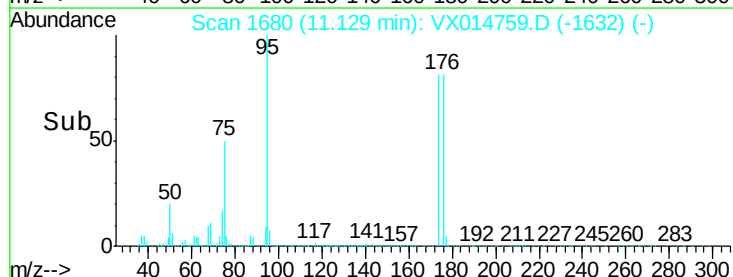
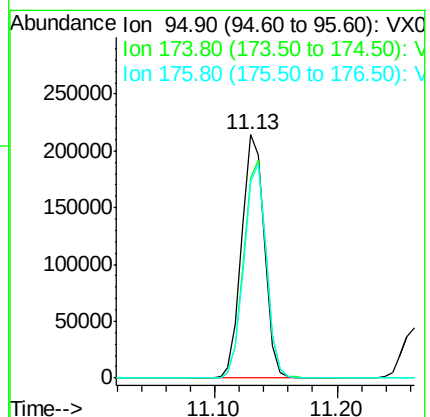
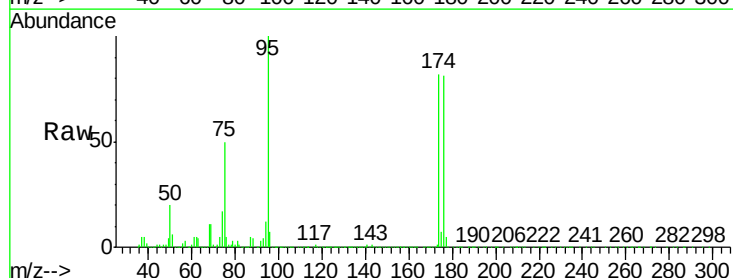
Tgt Ion: 95 Resp: 272313

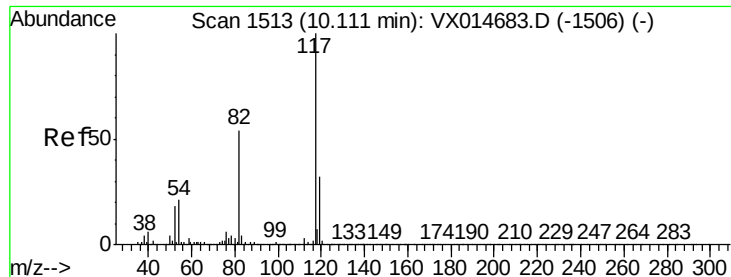
Ion Ratio Lower Upper

95 100

174 89.2 0.0 176.0

176 87.1 0.0 172.2





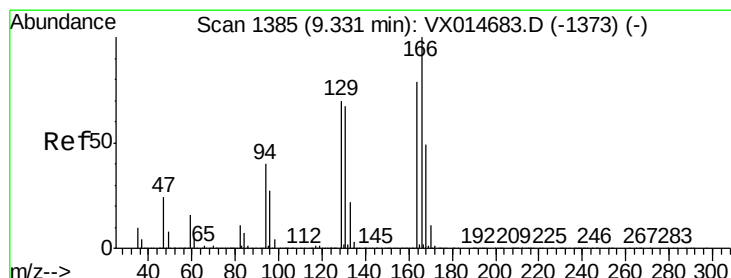
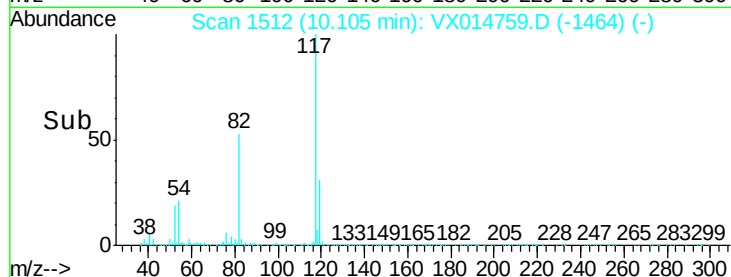
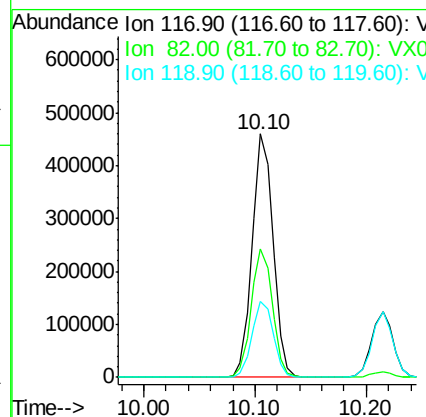
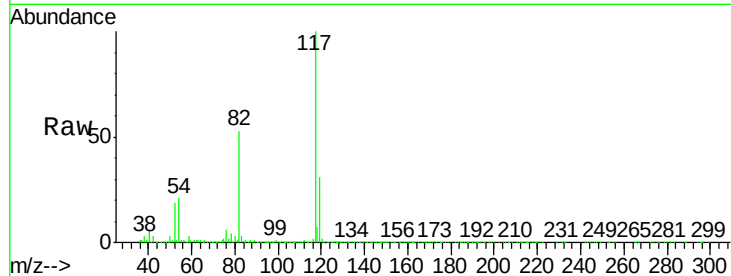
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.2	64.8
119	31.1	25.8	38.6

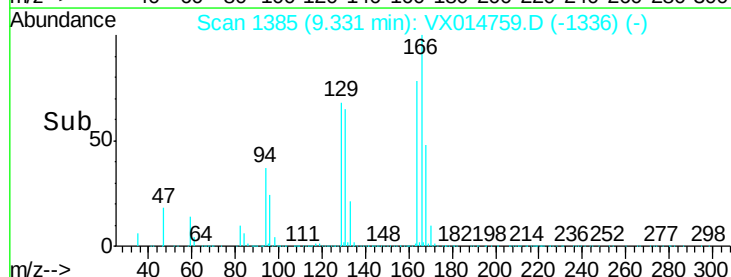
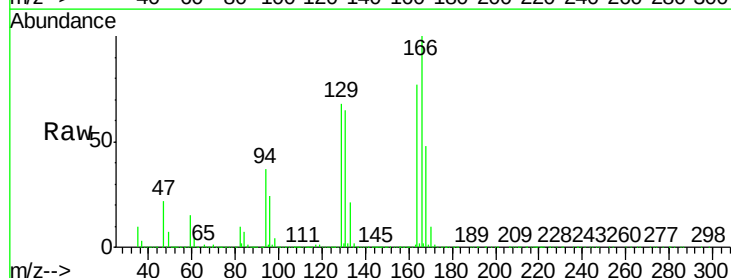
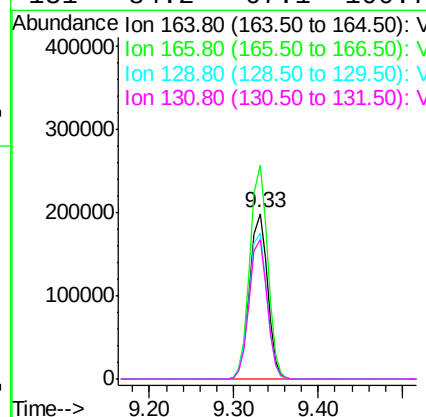
Manual Integrations
APPROVED

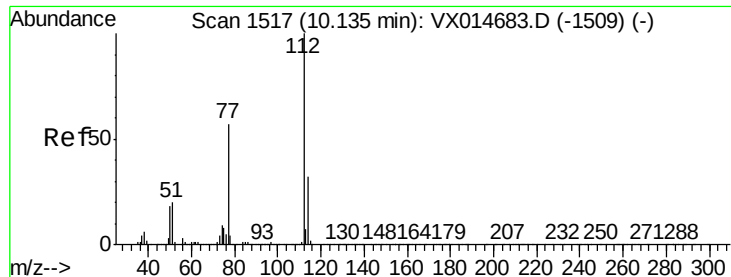
MMDadoda
1/30/2020 10:44:03 AM



#64
Tetrachloroethene
Concen: 47.070 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	100.9	151.3
129	88.3	71.0	106.6
131	84.2	67.1	100.7





#65

Chlorobenzene

Concen: 50.737 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 653774

Ion Ratio Lower Upper

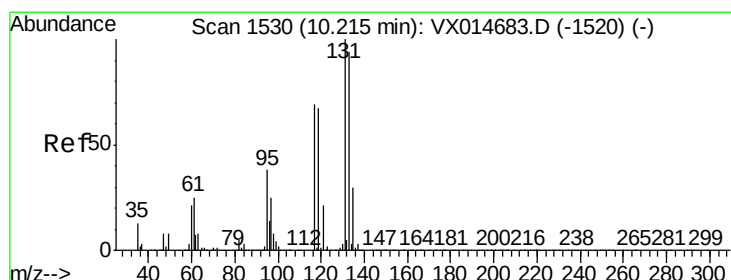
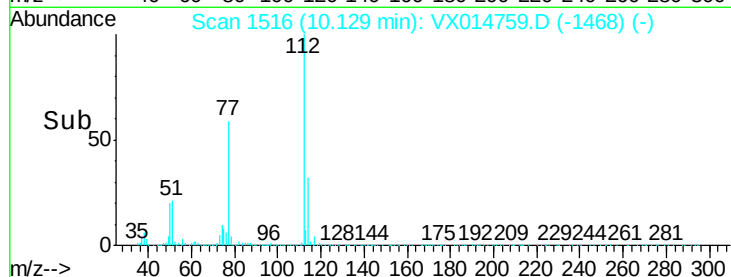
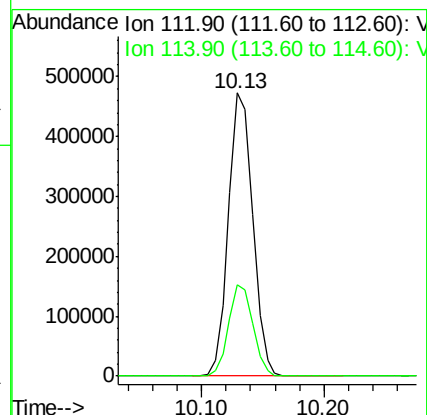
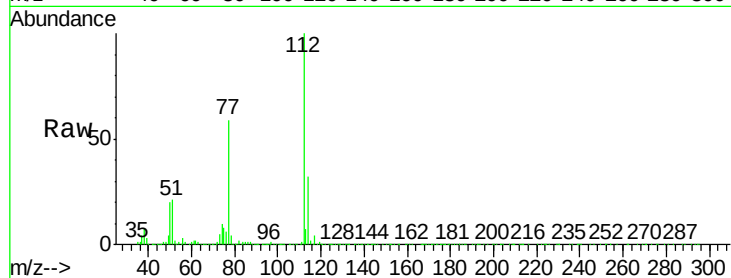
112 100

114 32.1 25.8 38.8

Manual Integrations
APPROVED

MMDadoda

1/30/2020 10:44:03 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 52.405 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

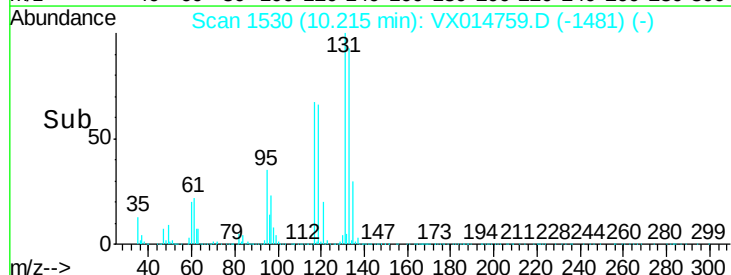
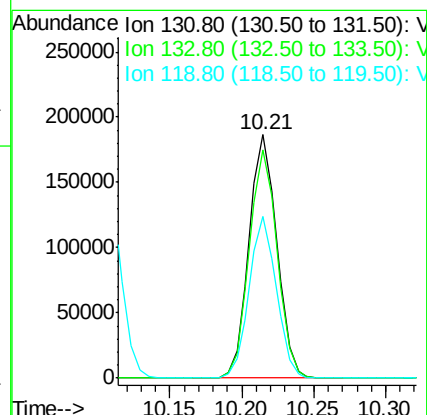
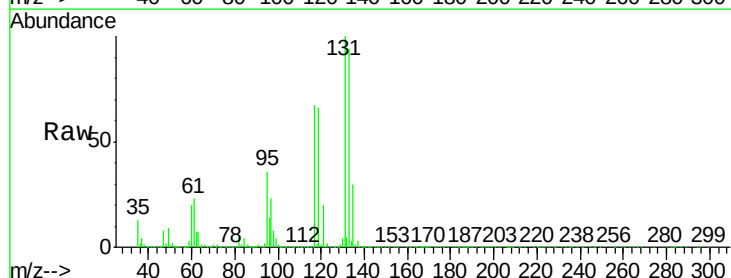
Tgt Ion:131 Resp: 248974

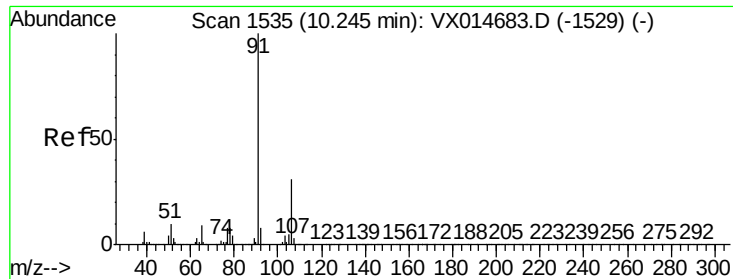
Ion Ratio Lower Upper

131 100

133 94.1 47.4 142.3

119 64.7 33.3 99.8





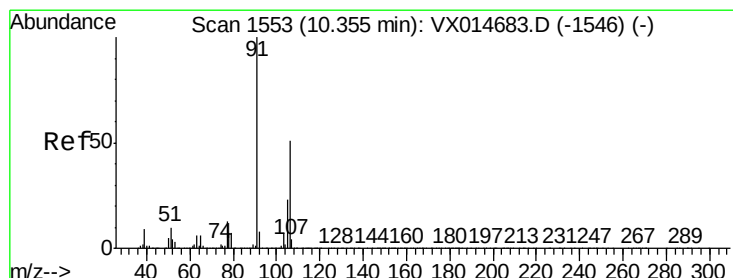
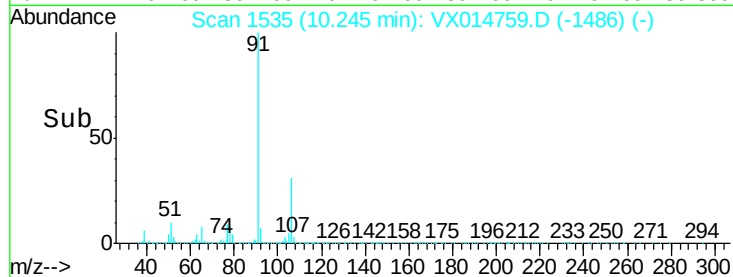
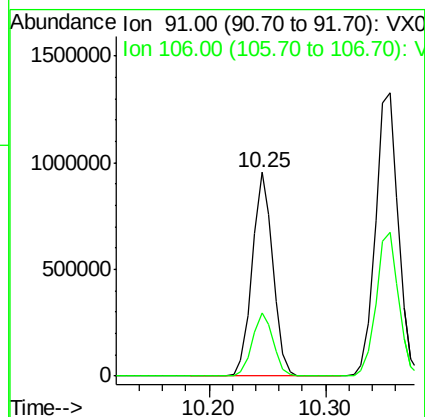
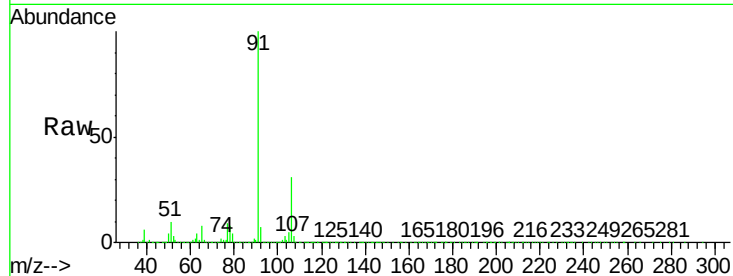
#67
Ethyl Benzene
Concen: 53.669 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1180826
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

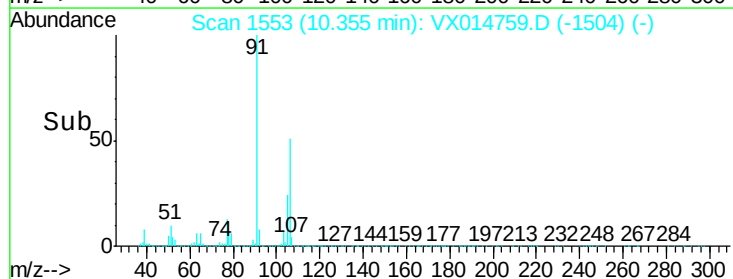
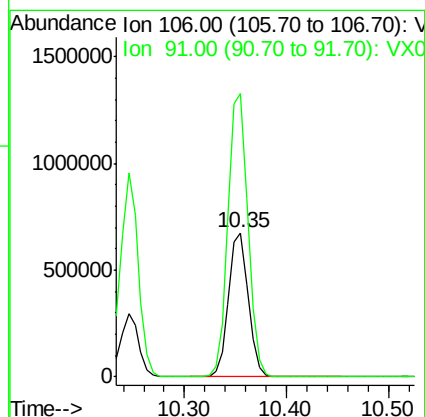
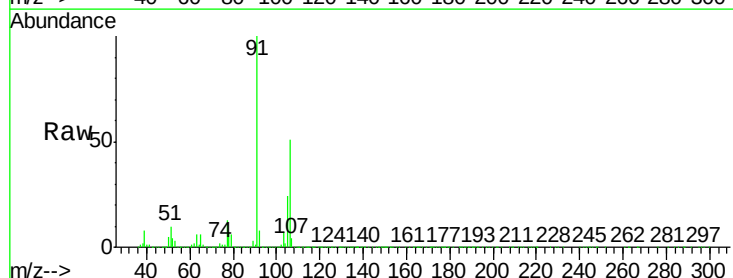
Manual Integrations
APPROVED

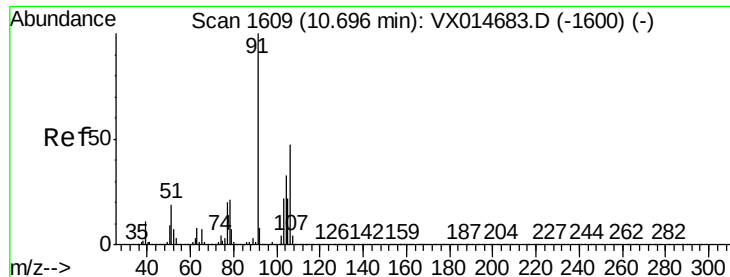
MMDadoda
1/30/2020 10:44:03 AM



#68
m/p-Xylenes
Concen: 107.732 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion: 106 Resp: 897989
Ion Ratio Lower Upper
106 100
91 199.6 159.4 239.2





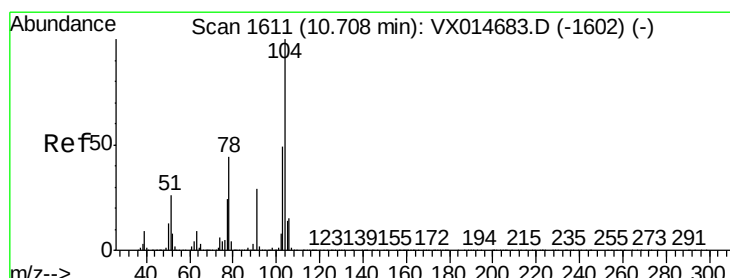
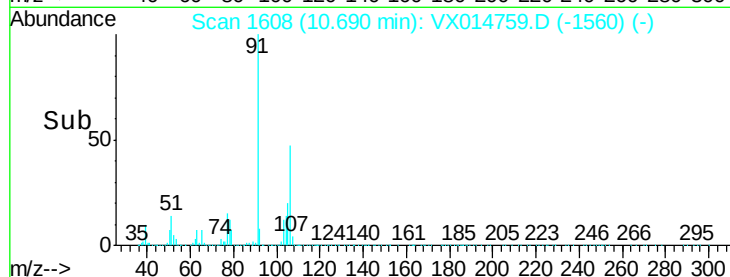
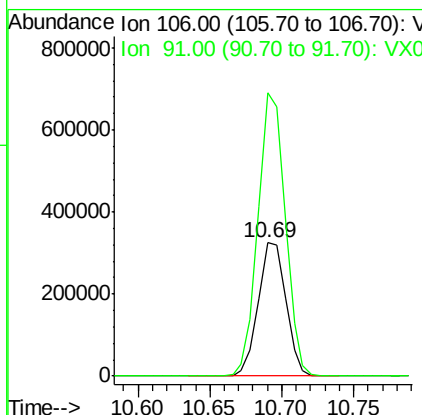
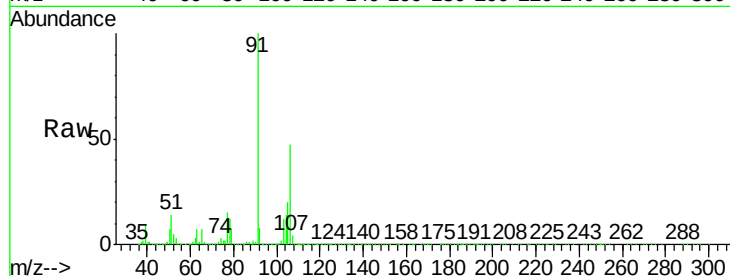
#69
o-Xylene
Concen: 53.578 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.4	106.2	318.6

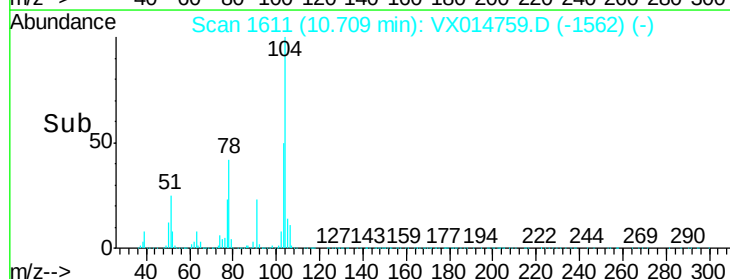
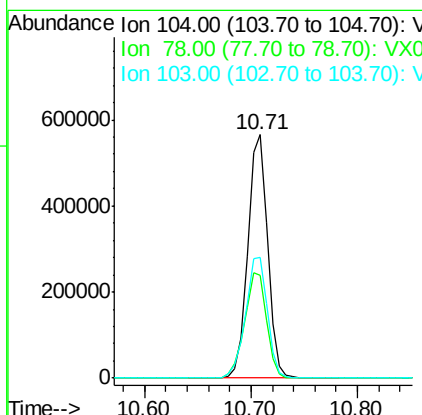
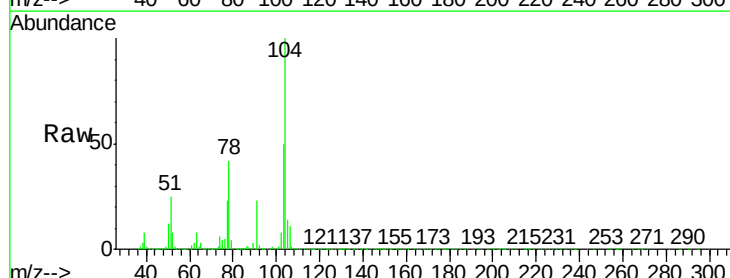
Manual Integrations
APPROVED

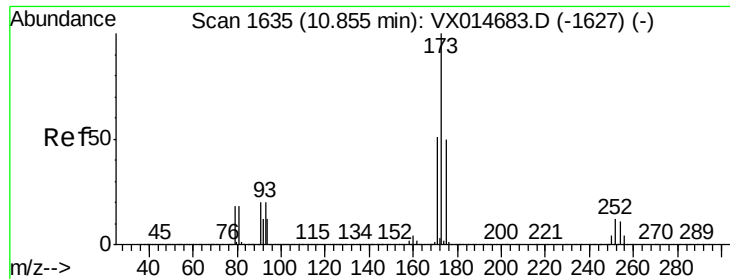
MMDadoda
1/30/2020 10:44:03 AM



#70
Styrene
Concen: 54.907 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	39.3	58.9
103	54.7	43.5	65.3





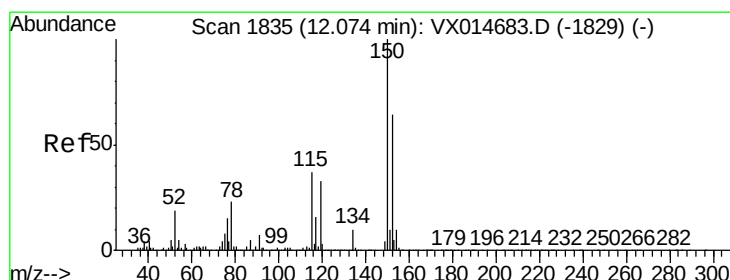
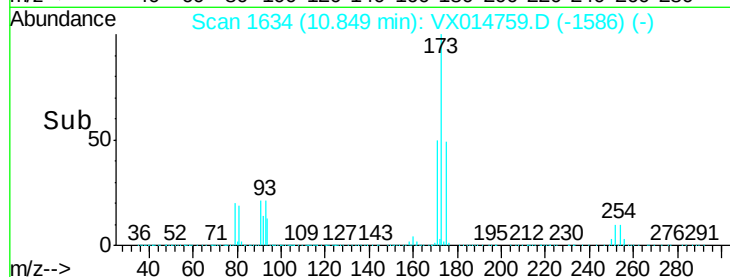
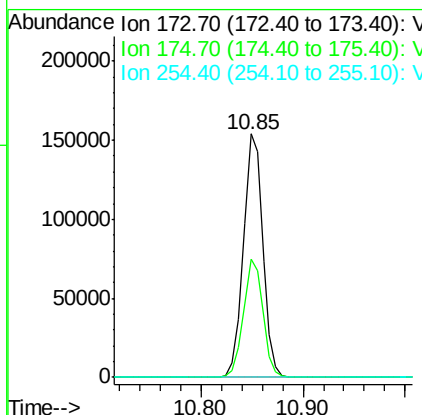
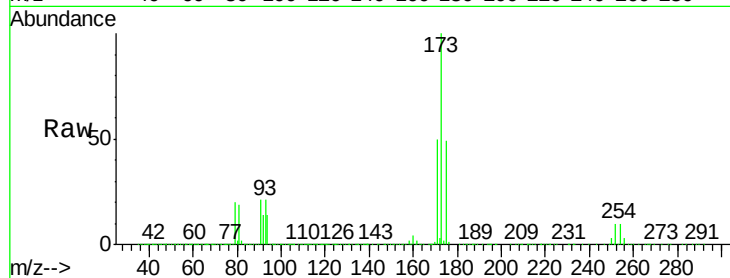
#71
Bromoform
Concen: 53.559 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
173	100	202355		
175	48.4	24.6	73.6	
254	0.2	0.1	0.1#	

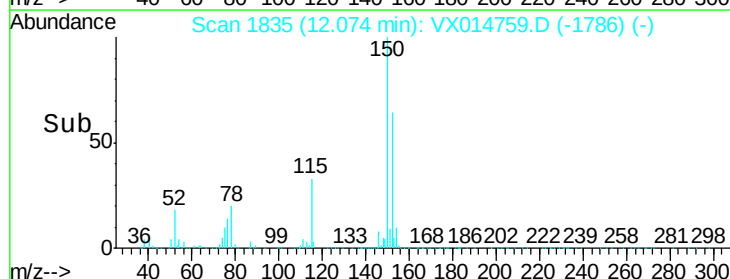
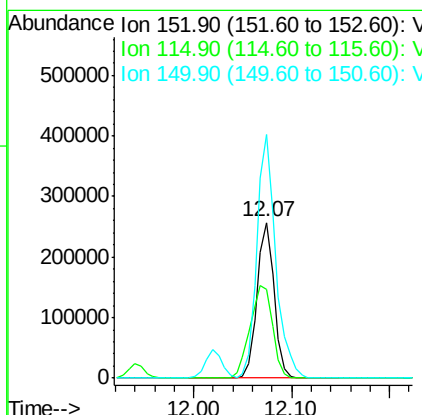
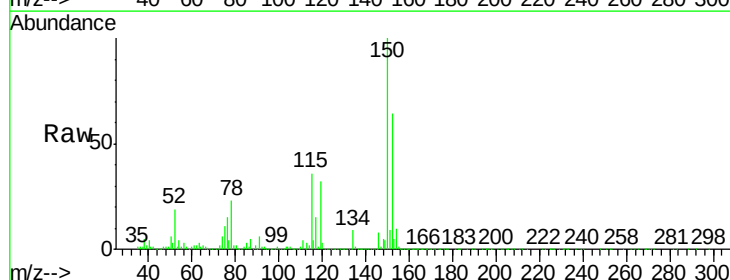
Manual Integrations
APPROVED

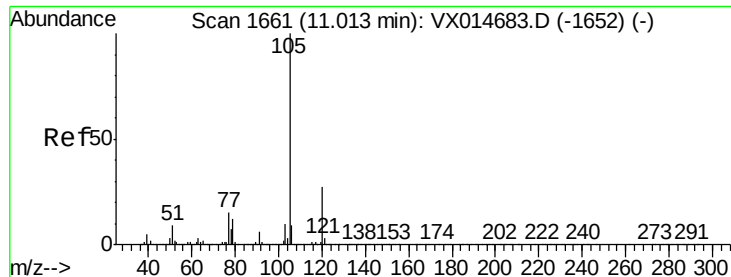
MMDadoda
1/30/2020 10:44:03 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	309491		
115	78.4	39.4	118.1	
150	172.4	0.0	351.2	





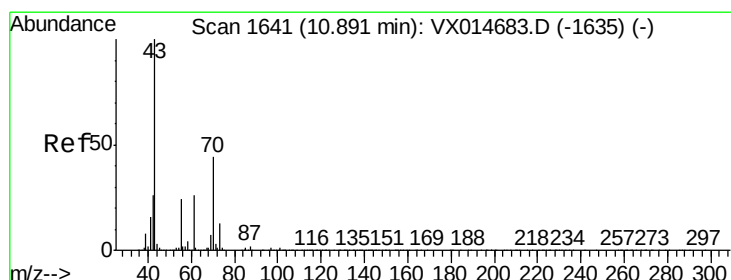
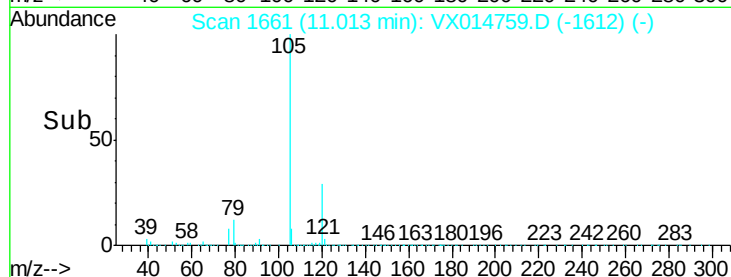
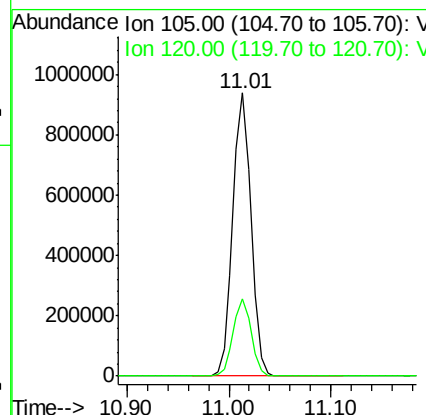
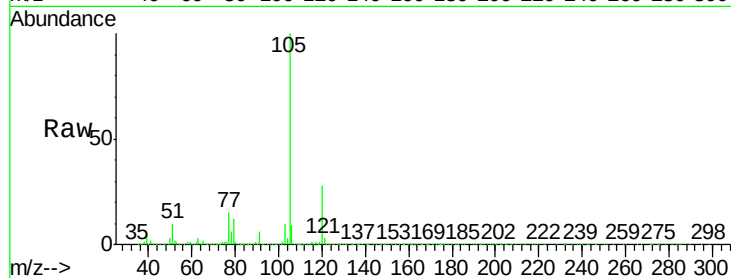
#73
Isopropylbenzene
Concen: 52.979 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 1152896
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5

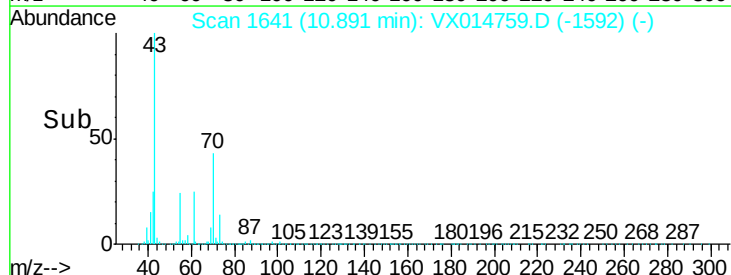
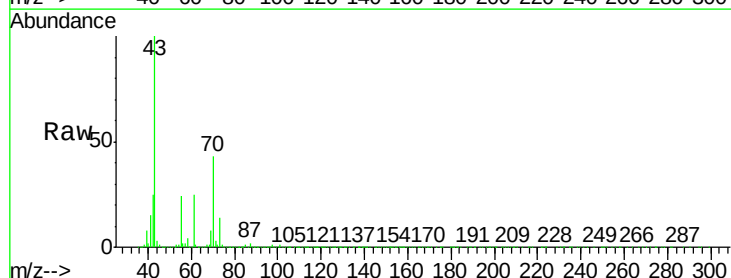
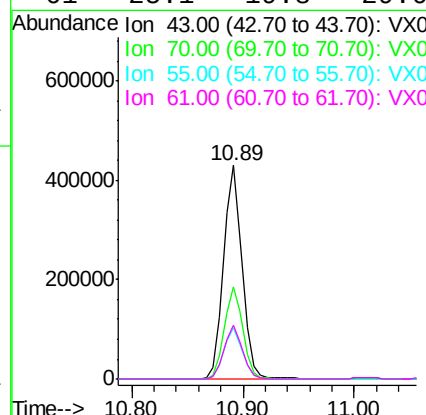
Manual Integrations
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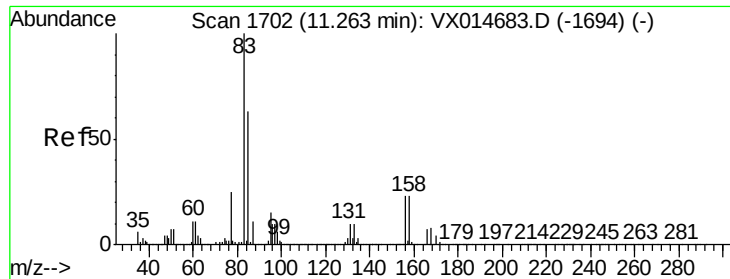
MMDadoda
1/30/2020 10:44:03 AM



#74
N-ethyl acetate
Concen: 51.632 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion: 43 Resp: 492369
Ion Ratio Lower Upper
43 100
70 43.6 34.6 52.0
55 24.6 19.4 29.2
61 25.1 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.854 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

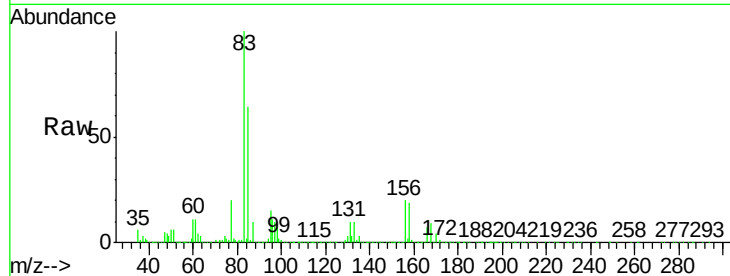
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	364045
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	15.0
85	63.7	31.7	95.1

Manual Integrations
APPROVED

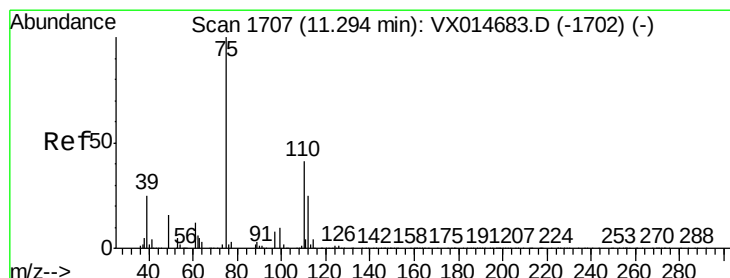
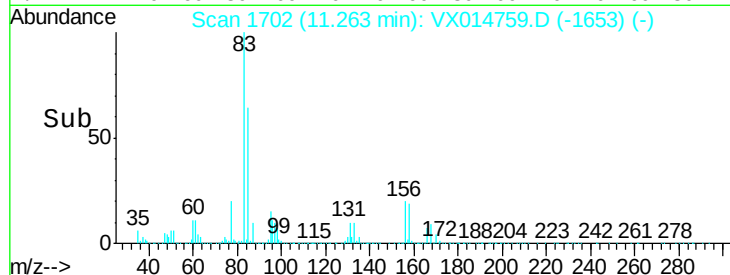
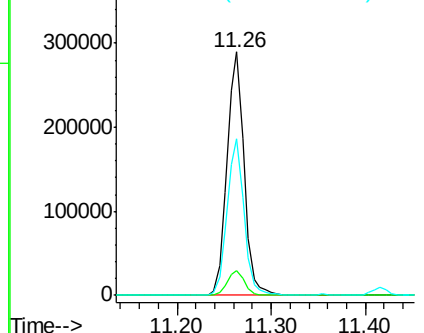
MMDadoda
1/30/2020 10:44:03 AM



Abundance Ion 82.90 (82.60 to 83.60): VX014683.D (-1694) (-)

Ion 130.80 (130.50 to 131.50): VX014683.D (-1694) (-)

Ion 84.90 (84.60 to 85.60): VX014683.D (-1694) (-)



#76

1,2,3-Trichloropropane

Concen: 43.491 ug/l m

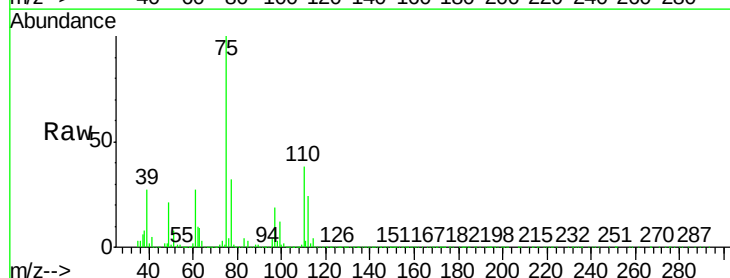
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014759.D

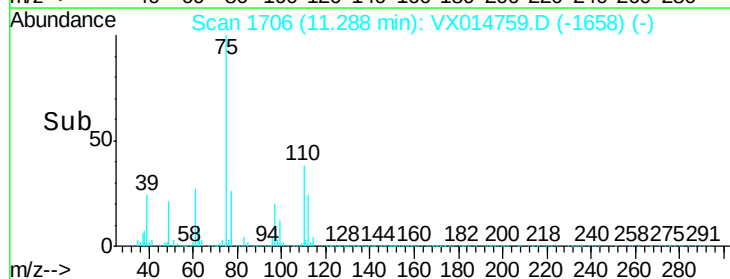
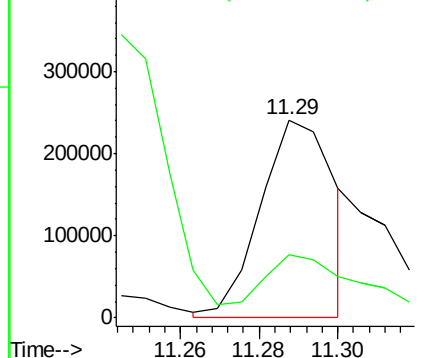
Acq: 29 Jan 2020 10:21

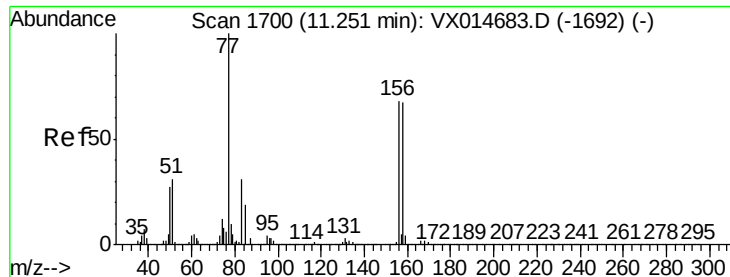
Tgt Ion:	75	Resp:	313157
Ion Ratio	Lower	Upper	
75	100		
77	43.5	18.7	56.1



Abundance Ion 74.90 (74.60 to 75.60): VX014683.D (-1702) (-)

Ion 77.00 (76.70 to 77.70): VX014683.D (-1702) (-)





#77

Bromobenzene

Concen: 50.896 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

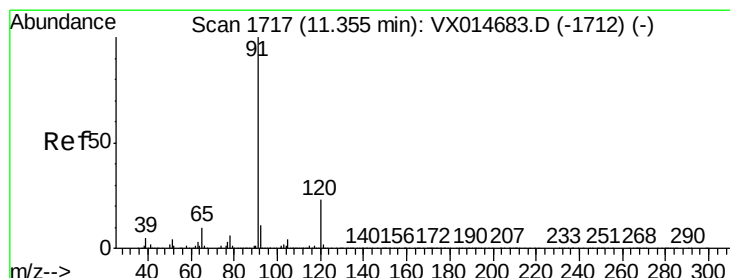
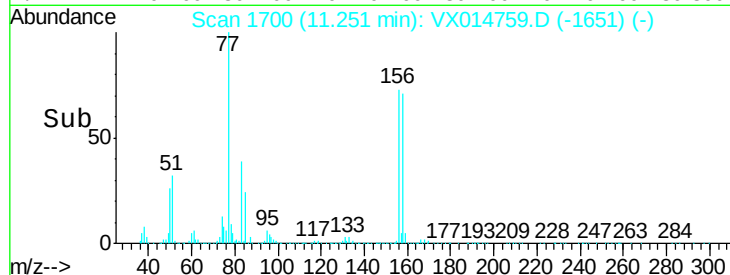
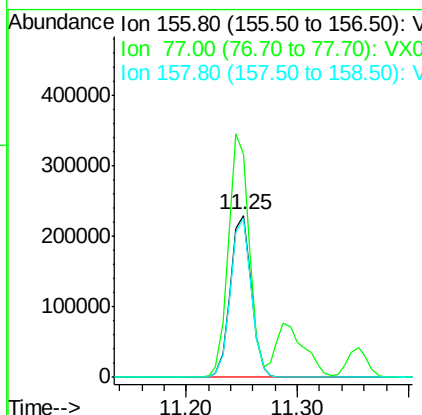
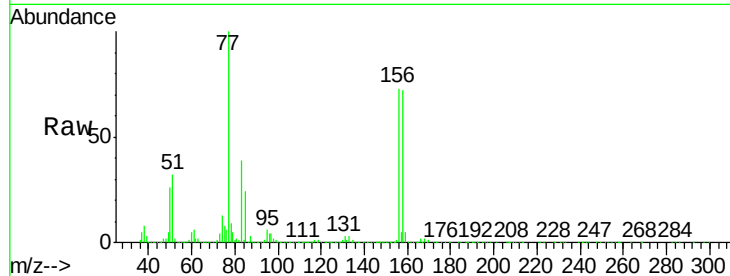
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.4	77.5	232.5
158	97.8	49.1	147.3

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#78

n-propylbenzene

Concen: 54.005 ug/l

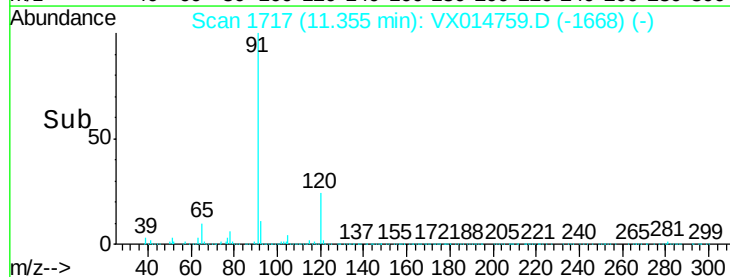
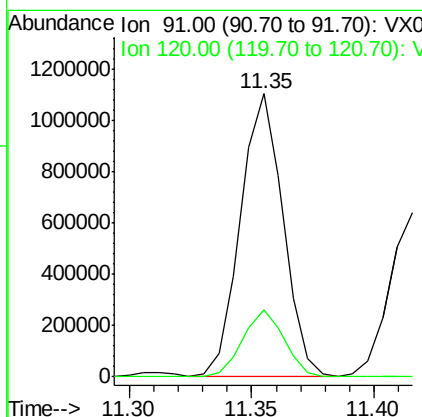
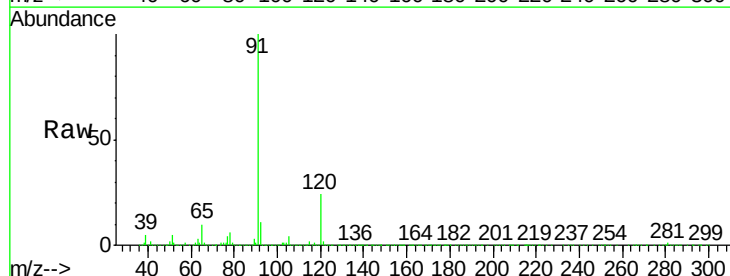
RT: 11.35 min Scan# 1717

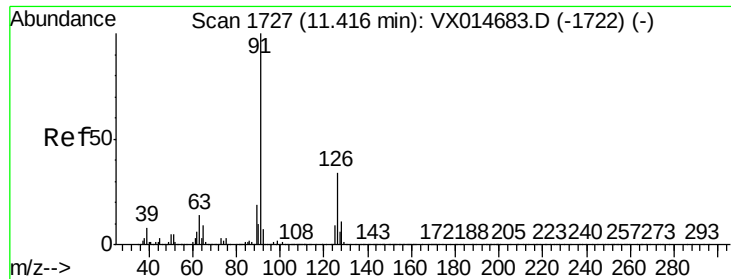
Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.7	35.0





#79

2-Chlorotoluene

Concen: 51.453 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 769010

Ion Ratio Lower Upper

91 100

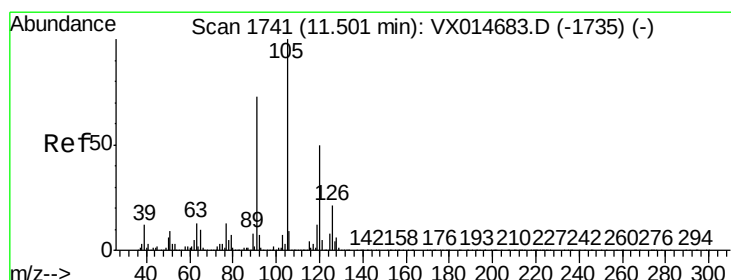
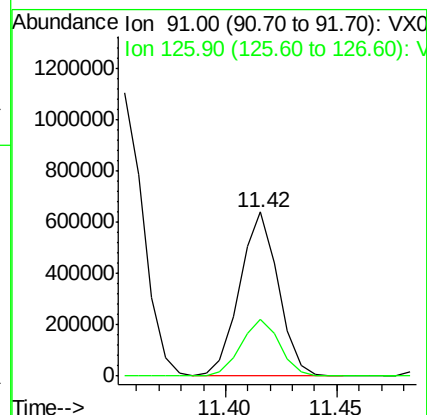
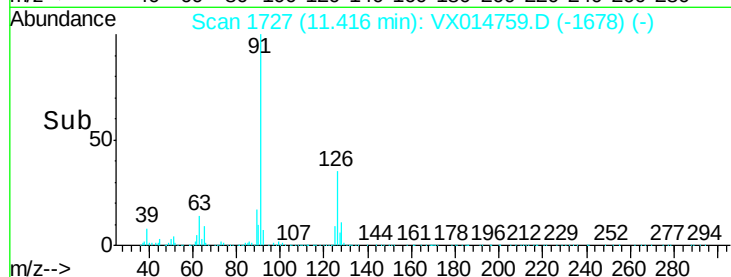
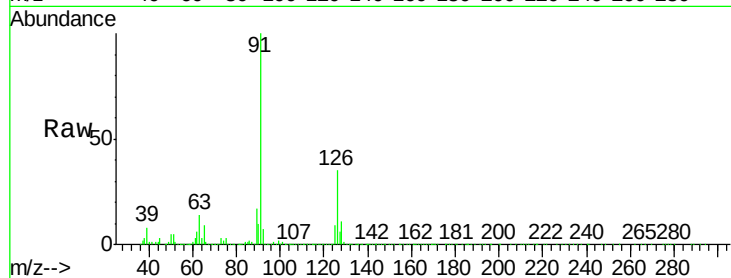
126 34.9 17.3 51.9

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#80

1,3,5-Trimethylbenzene

Concen: 53.679 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014759.D

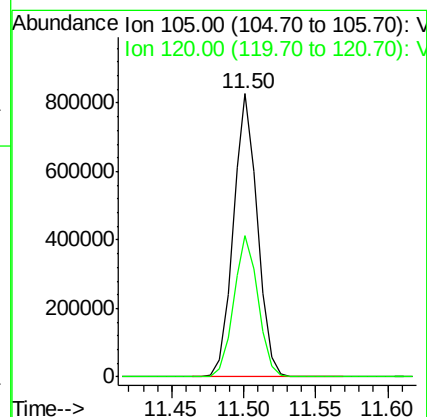
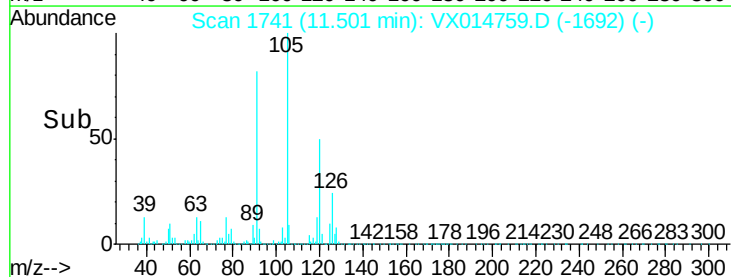
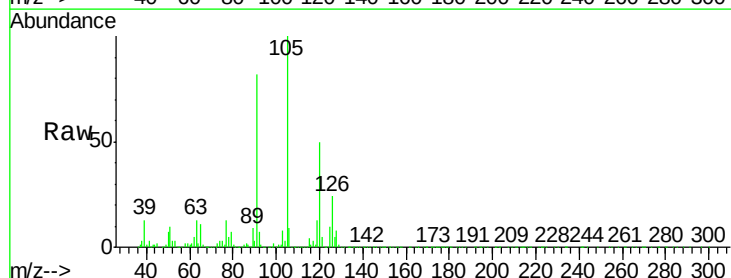
Acq: 29 Jan 2020 10:21

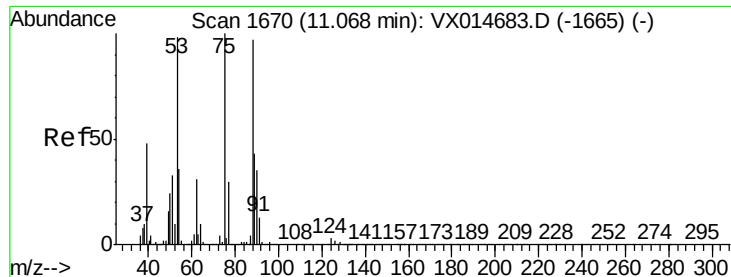
Tgt Ion: 105 Resp: 969507

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.6





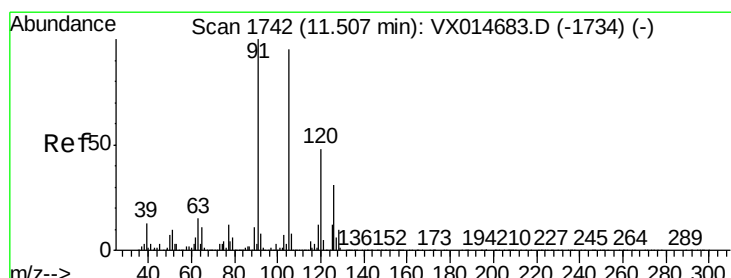
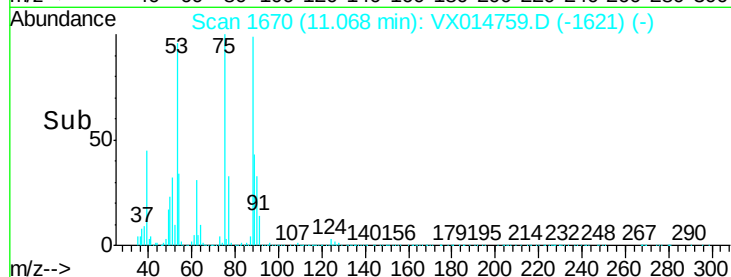
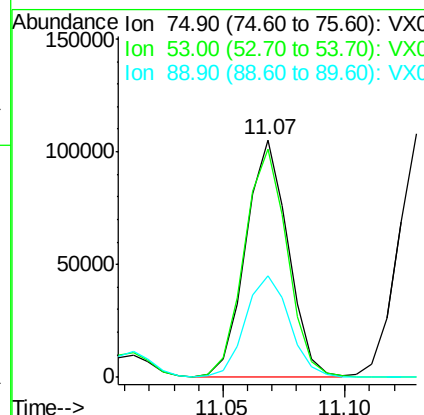
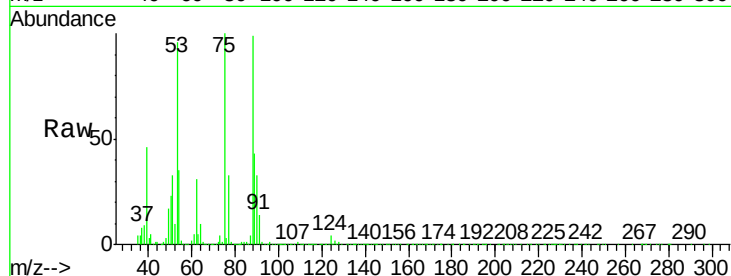
#81
trans-1,4-Dichloro-2-butene
Concen: 49.820 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.6	78.8	118.2
89	45.1	35.4	53.0

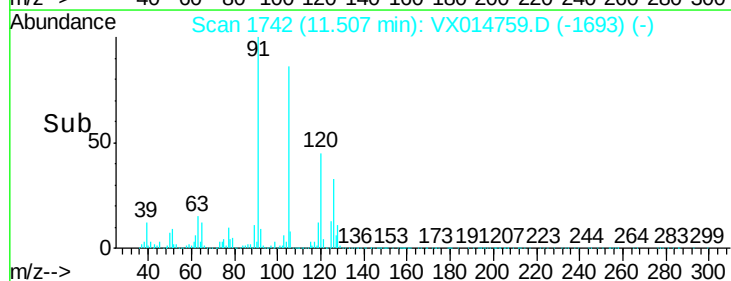
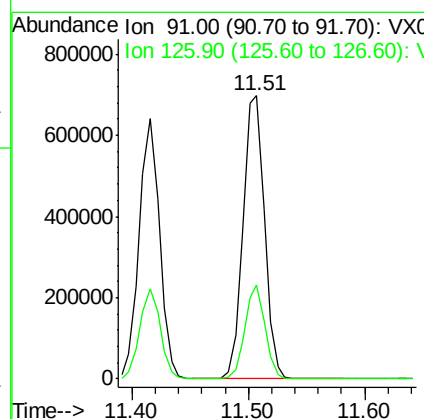
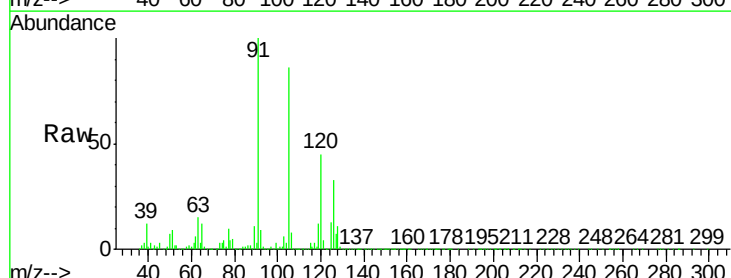
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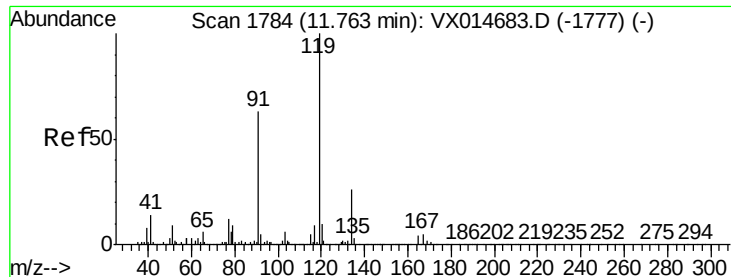
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#82
4-Chlorotoluene
Concen: 52.783 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.4





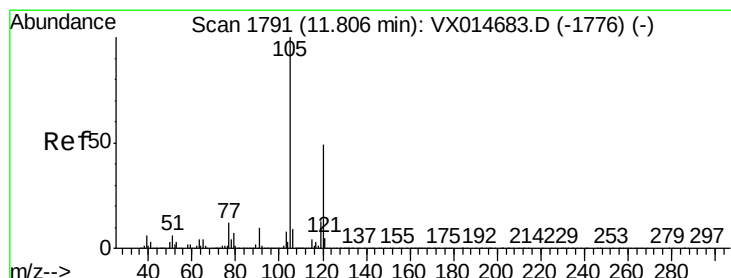
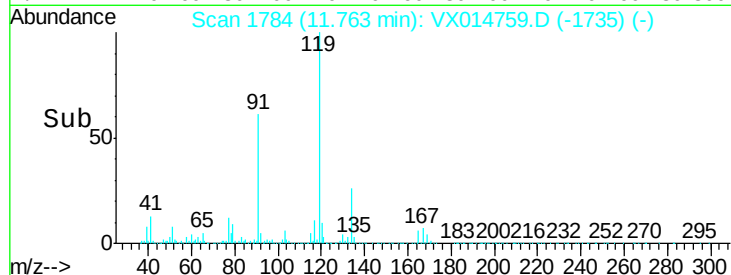
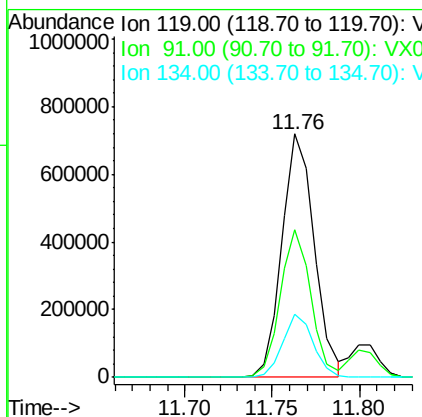
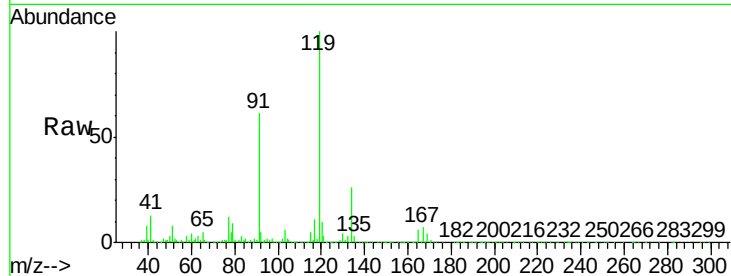
#83
tert-Butylbenzene
Concen: 54.654 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	927562		
91	57.3	30.0	90.0	
134	24.6	12.7	38.0	

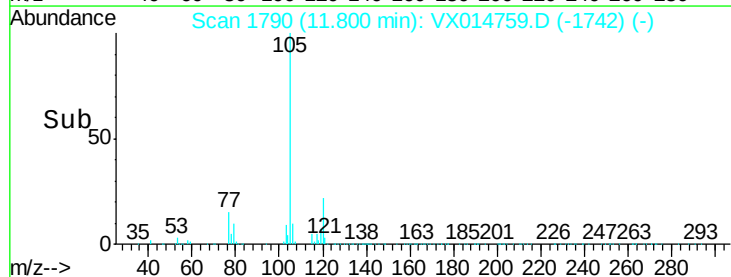
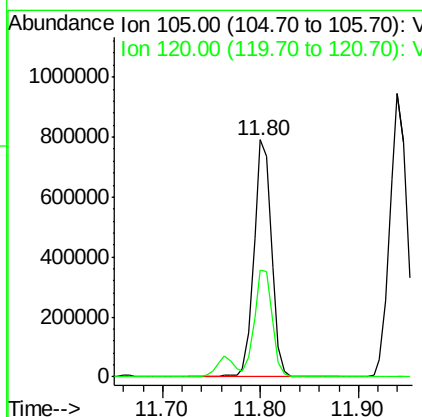
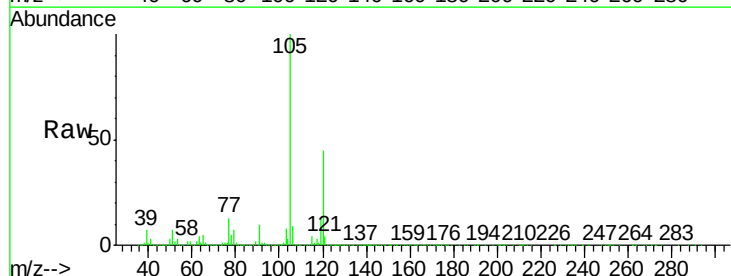
Manual Integrations
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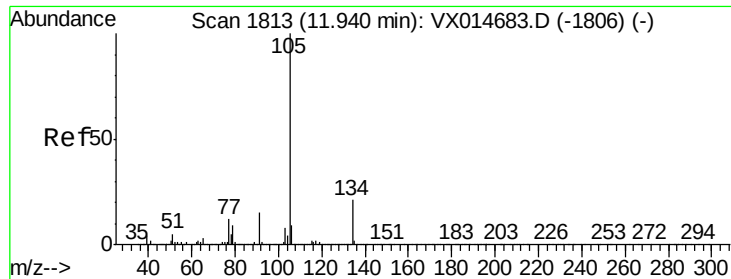
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#84
1,2,4-Trimethylbenzene
Concen: 53.783 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	974335		
120	45.7	23.4	70.0	





#85

sec-Butylbenzene

Concen: 55.135 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1146326

Ion Ratio Lower Upper

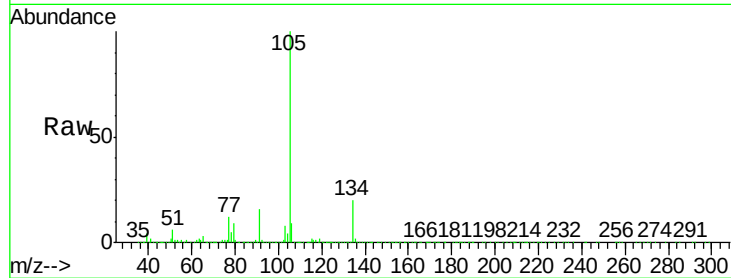
105 100

134 20.6 10.3 30.8

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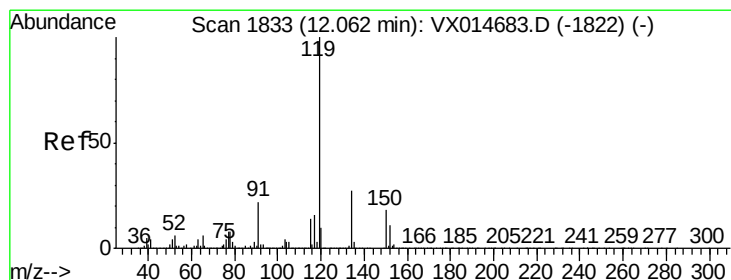
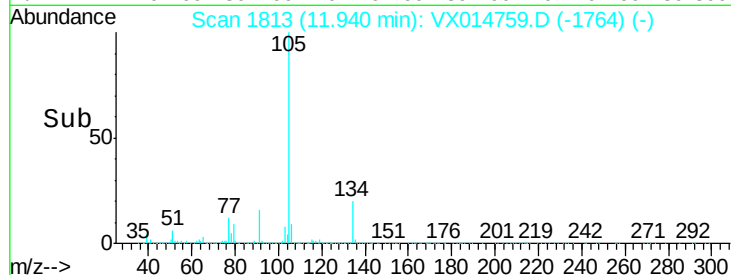
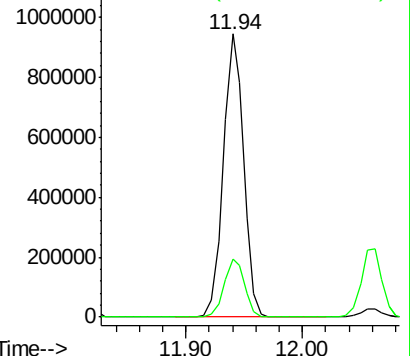
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.007 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

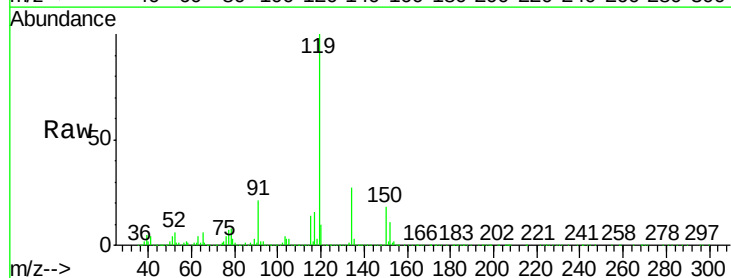
Tgt Ion:119 Resp: 1056927

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

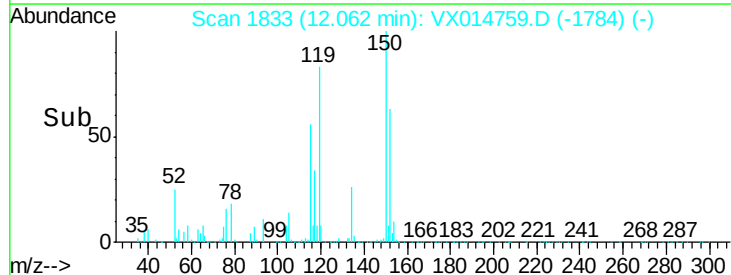
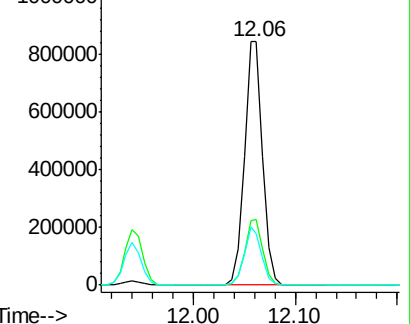
91 22.5 11.3 33.8

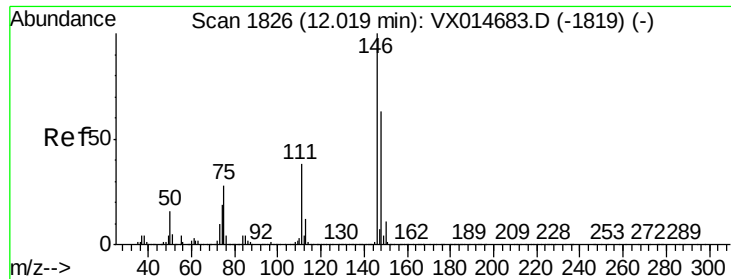


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.611 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

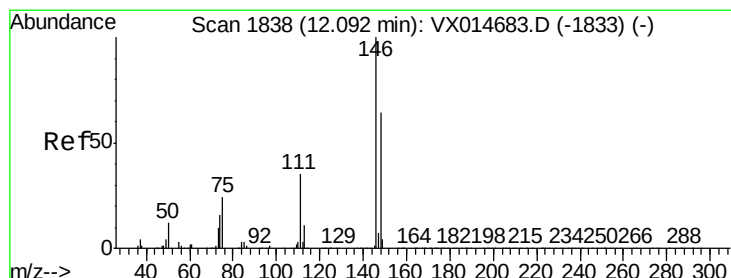
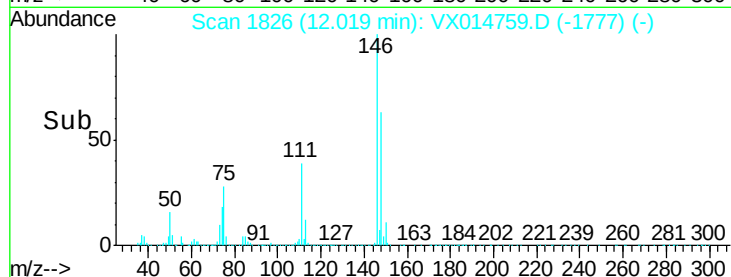
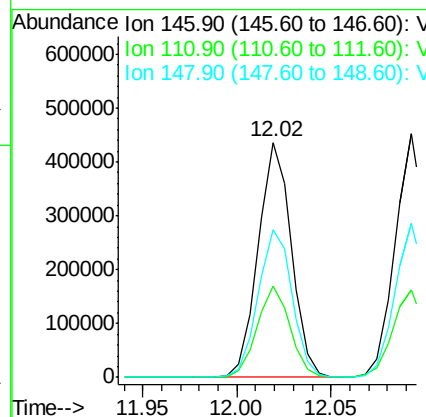
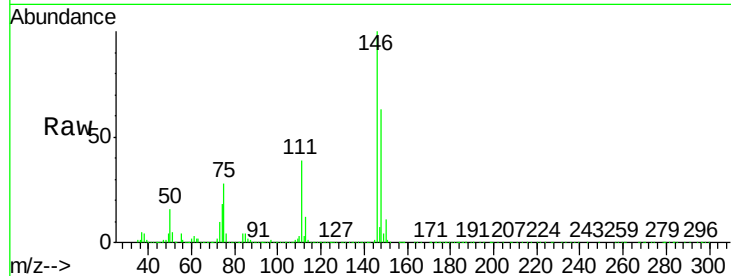
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	64.6	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 50.792 ug/l

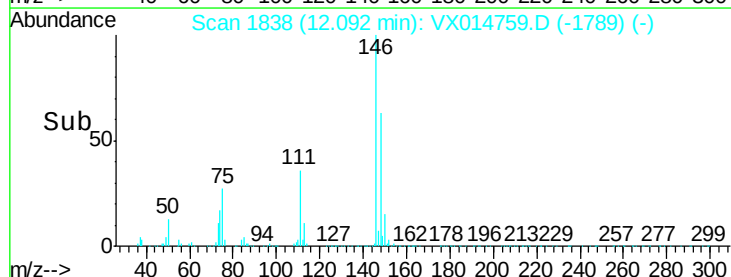
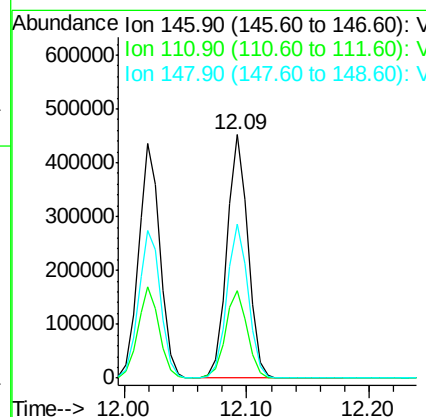
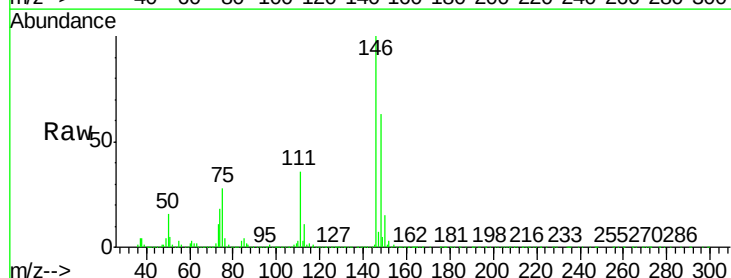
RT: 12.09 min Scan# 1838

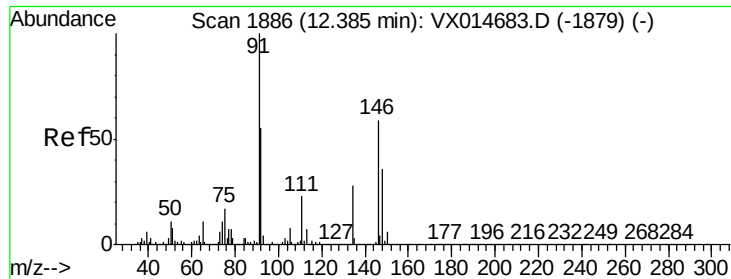
Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	64.0	32.0	96.2





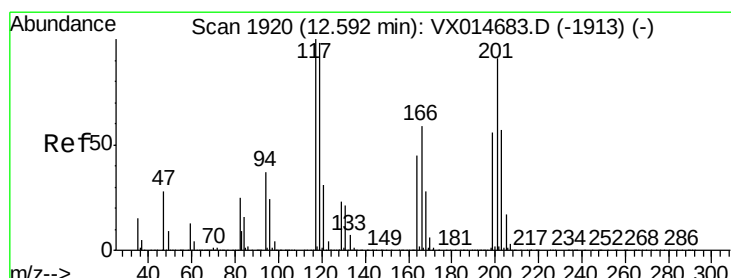
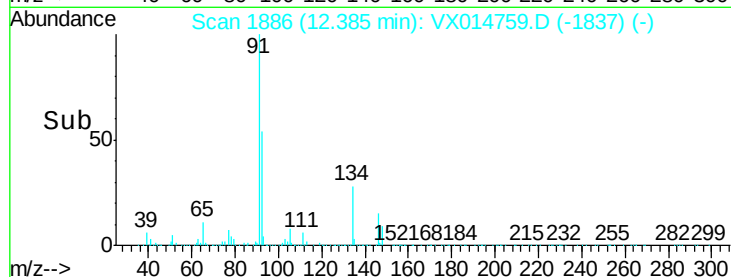
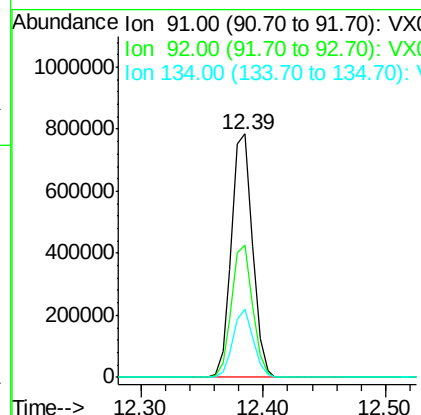
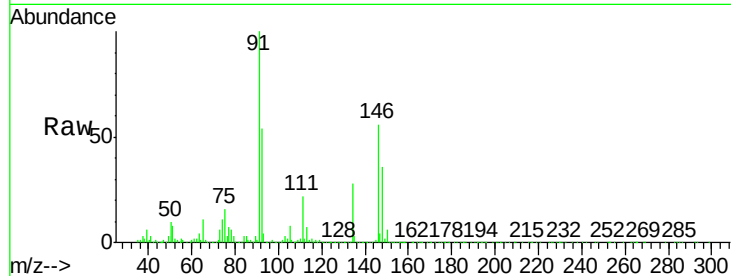
#89
n-Butylbenzene
Concen: 55.832 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.6	82.7
134	26.7	13.3	39.8

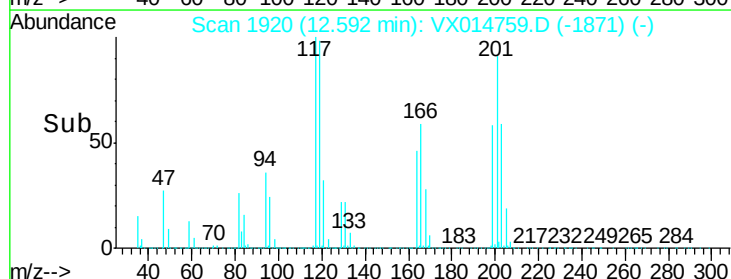
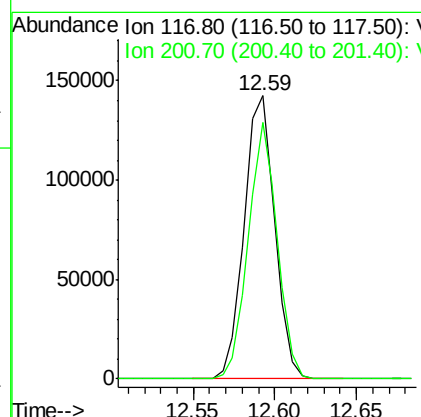
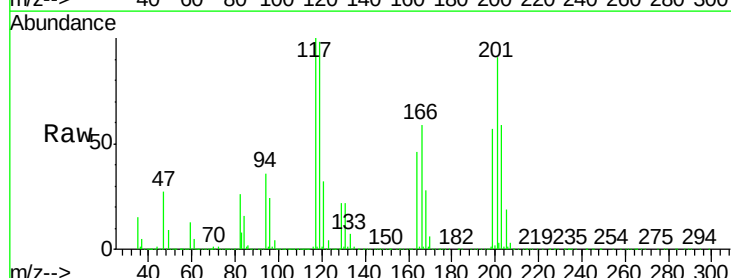
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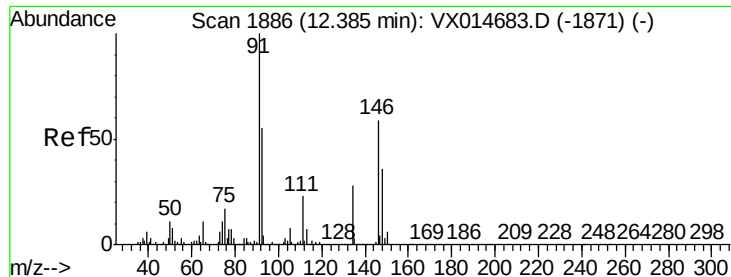
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#90
Hexachloroethane
Concen: 52.191 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.9	44.4	133.1





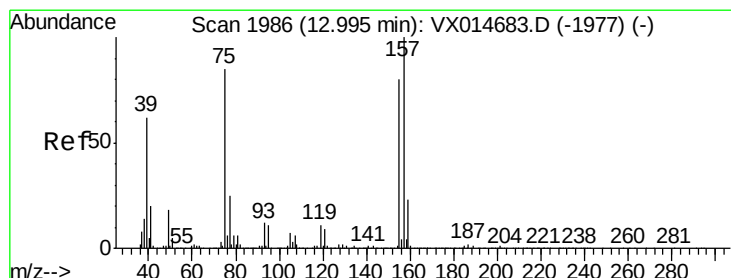
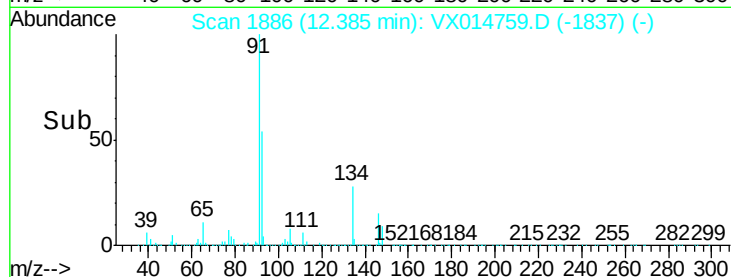
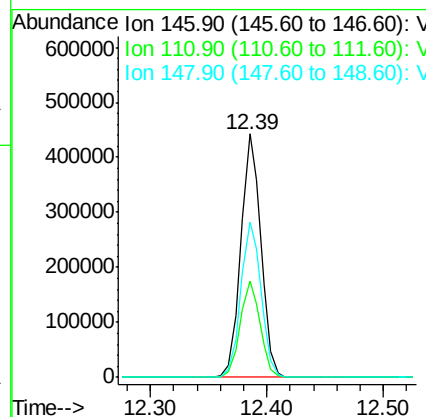
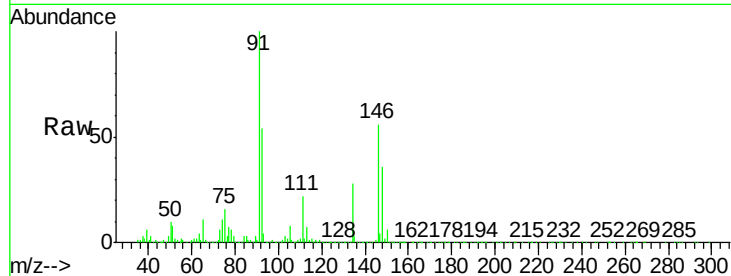
#91
 1,2-Dichlorobenzene
 Concen: 50.920 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.8
148	64.7	31.9	95.9

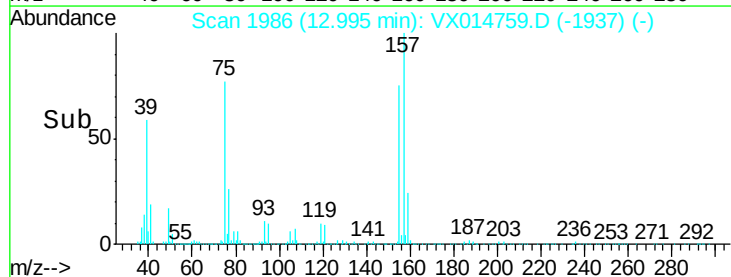
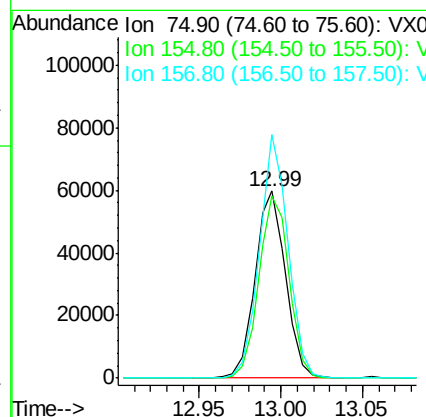
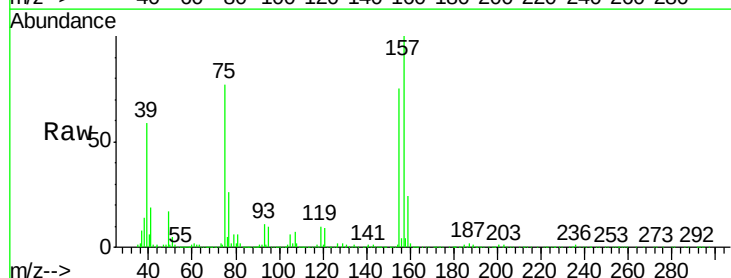
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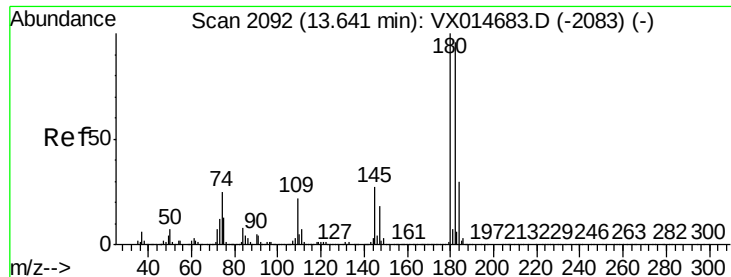
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.005 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014759.D
 Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.1	45.6	136.9
157	123.4	60.3	180.9





#93

1,2,4-Trichlorobenzene

Concen: 55.170 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014759.D

Acq: 29 Jan 2020 10:21

Instrument :

MSVOA_X

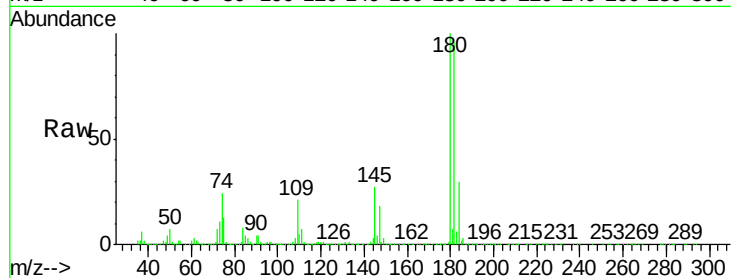
ClientSampleId :

VSTDCCC050

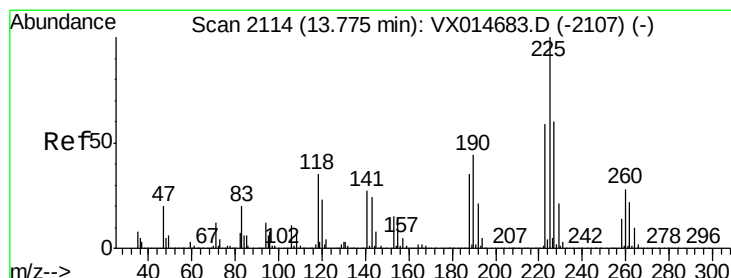
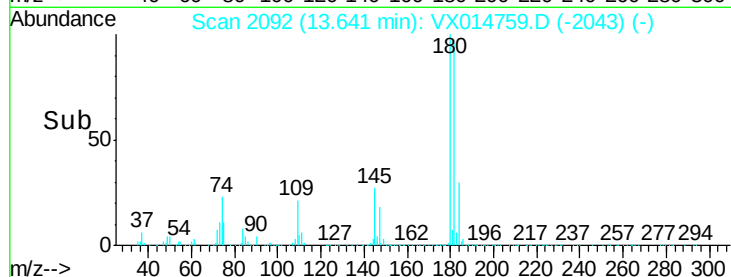
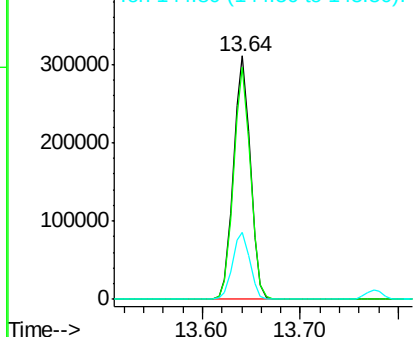
Tot Ion:	180	Resp:	371161
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.5	145.6
145	28.4	14.0	41.9

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 55.367 ug/l

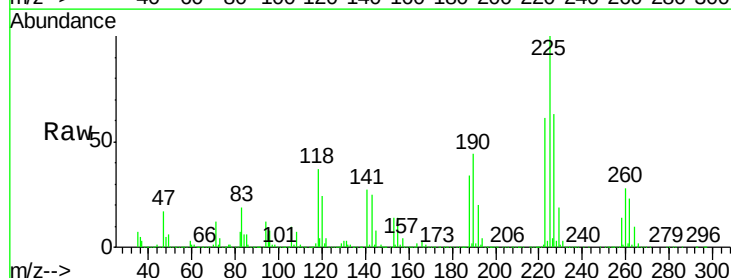
RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

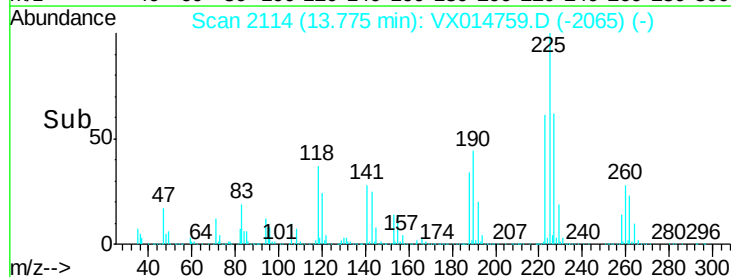
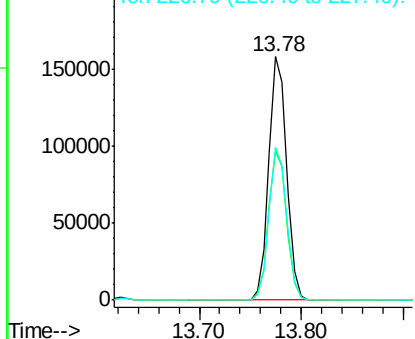
Lab File: VX014759.D

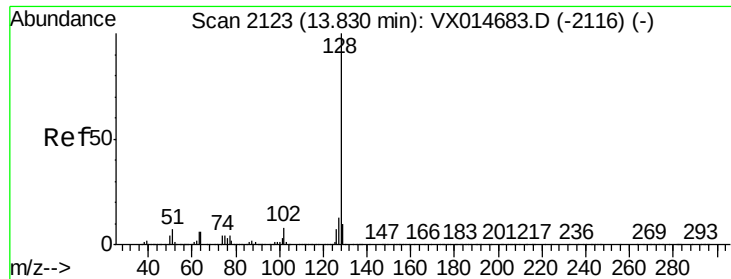
Acq: 29 Jan 2020 10:21

Tgt Ion:	225	Resp:	191717
Ion Ratio	Lower	Upper	
225	100		
223	61.8	30.6	91.8
227	62.2	31.4	94.0



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





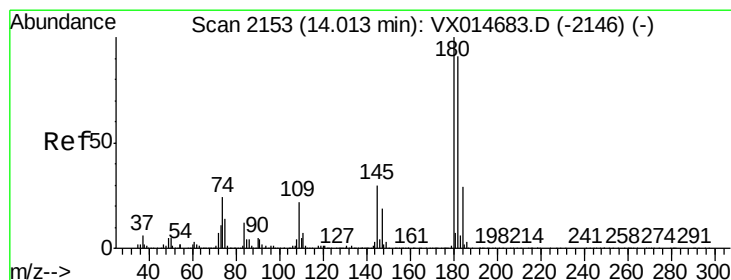
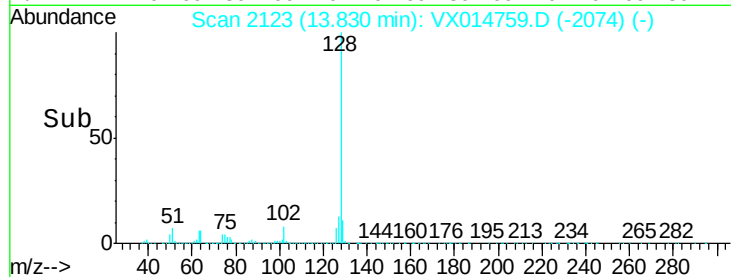
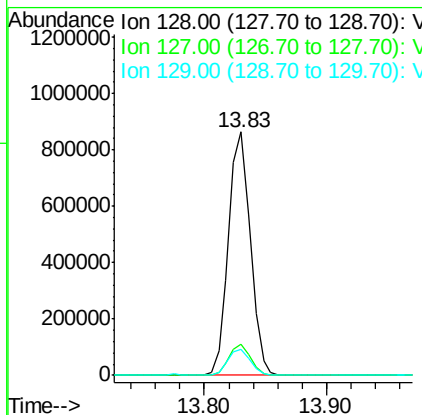
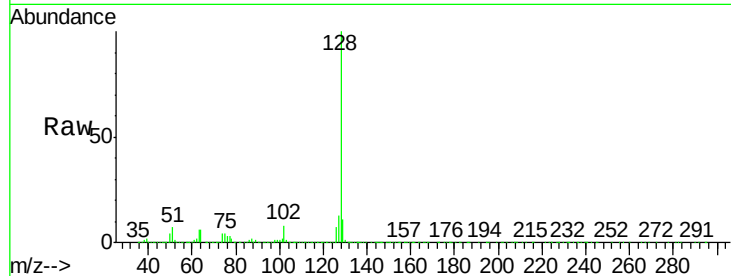
#95
Naphthalene
Concen: 49.125 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/30/2020 10:44:03 AM



#96
1,2,3-Trichlorobenzene
Concen: 54.190 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014759.D
Acq: 29 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.6	139.7
145	30.0	14.7	44.1

