

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041520\
 Data File : VX015685.D
 Acq On : 15 Apr 2020 16:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 11:03:11 AM

Quant Time: Apr 16 07:02:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1027142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1548248	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1436186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	785334	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	648185	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
35) Dibromofluoromethane	5.47	113	498995	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.70	98	1832644	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.12	95	733012	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	390238	43.124	ug/l	100
3) Chloromethane	1.31	50	471449	40.909	ug/l	99
4) Vinyl Chloride	1.39	62	498098	47.071	ug/l	98
5) Bromomethane	1.62	94	249177	51.293	ug/l	98
6) Chloroethane	1.71	64	307823	46.904	ug/l	99
7) Trichlorofluoromethane	1.91	101	677505	47.742	ug/l	99
8) Diethyl Ether	2.17	74	288802	48.249	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	450445	48.690	ug/l	97
10) Methyl Iodide	2.49	142	468315	37.546	ug/l	99
11) Tert butyl alcohol	3.01	59	659253	190.125	ug/l	98
12) 1,1-Dichloroethene	2.36	96	441115	45.488	ug/l	98
13) Acrolein	2.27	56	614089	310.895	ug/l	99
14) Allyl chloride	2.71	41	983790	43.418	ug/l	99
15) Acrylonitrile	3.12	53	1502865	227.269	ug/l	99
16) Acetone	2.42	43	1321763	212.371	ug/l	99
17) Carbon Disulfide	2.55	76	1160945	39.245	ug/l	100
18) Methyl Acetate	2.75	43	736066	46.337	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1711492	45.506	ug/l	100
20) Methylene Chloride	2.83	84	516833	44.458	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	486447	45.200	ug/l	100
22) Diisopropyl ether	3.83	45	1855923	46.224	ug/l	96
23) Vinyl Acetate	3.78	43	8199908	225.565	ug/l	100
24) 1,1-Dichloroethane	3.67	63	952065	45.036	ug/l	99
25) 2-Butanone	4.64	43	2169177	216.718	ug/l	100
26) 2,2-Dichloropropane	4.56	77	835597	48.156	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	570126	45.789	ug/l	100
28) Bromochloromethane	4.98	49	464551	46.026	ug/l	95
29) Tetrahydrofuran	5.09	42	1403299	218.084	ug/l	99
30) Chloroform	5.18	83	934185	45.932	ug/l	95
31) Cyclohexane	5.55	56	838501	45.723	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	854529	46.426	ug/l	99
36) 1,1-Dichloropropene	5.77	75	691453	48.471	ug/l	98
37) Ethyl Acetate	4.80	43	848467	45.679	ug/l	99
38) Carbon Tetrachloride	5.76	117	747940	48.407	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	821290	49.932	ug/l	98
40) Benzene	6.12	78	2065092	49.419	ug/l	97
41) Methacrylonitrile	5.01	41	495823	48.086	ug/l	99
42) 1,2-Dichloroethane	6.17	62	793915	47.299	ug/l	99
43) Isopropyl Acetate	6.42	43	1449997	46.243	ug/l	99
44) Trichloroethene	7.19	130	581841	51.055	ug/l	94
45) 1,2-Dichloropropane	7.49	63	552162	48.303	ug/l	98
46) Dibromomethane	7.64	93	366566	48.884	ug/l	95
47) Bromodichloromethane	7.88	83	773756	48.426	ug/l	98
48) Methyl methacrylate	7.75	41	726713	46.400	ug/l	98
49) 1,4-Dioxane	7.72	88	272775	933.613	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	4300886	242.031	ug/l	100
52) Toluene	8.77	92	1310254	50.858	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	878651	46.888	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	917775	48.078	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	537630	50.935	ug/l	99
56) Ethyl methacrylate	9.16	69	892269	47.966	ug/l	97
57) 1,3-Dichloropropane	9.36	76	925936	48.690	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2253433	249.048	ug/l	99
59) 2-Hexanone	9.48	43	3231120	240.842	ug/l	99
60) Dibromochloromethane	9.57	129	628029	49.516	ug/l	100
61) 1,2-Dibromoethane	9.65	107	573823	49.997	ug/l	99
64) Tetrachloroethene	9.32	164	536633	49.512	ug/l	97
65) Chlorobenzene	10.12	112	1439463	50.257	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	552596	48.293	ug/l	98
67) Ethyl Benzene	10.24	91	2543826	50.076	ug/l	99
68) m/p-Xylenes	10.34	106	1945365	102.843	ug/l	96
69) o-Xylene	10.68	106	940702	50.326	ug/l	100
70) Styrene	10.70	104	1652751	50.248	ug/l	98
71) Bromoform	10.84	173	493755	47.401	ug/l #	97
73) Isopropylbenzene	11.01	105	2527669	49.122	ug/l	100
74) N-amyl acetate	10.89	43	1238603	43.279	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	819046	46.387	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	753283m	46.644	ug/l	
77) Bromobenzene	11.24	156	700970	51.071	ug/l	90
78) n-propylbenzene	11.34	91	2838832	48.247	ug/l	99
79) 2-Chlorotoluene	11.41	91	1709572	47.404	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2154505	49.027	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	284872	42.325	ug/l	98
82) 4-Chlorotoluene	11.50	91	2018163	47.735	ug/l	99
83) tert-Butylbenzene	11.76	119	2137871	49.804	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2193655	48.985	ug/l	100
85) sec-Butylbenzene	11.93	105	2454762	49.446	ug/l	100
86) p-Isopropyltoluene	12.05	119	2335393	50.673	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1236846	50.337	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1220227	48.754	ug/l	99
89) n-Butylbenzene	12.37	91	2070418	49.712	ug/l	99
90) Hexachloroethane	12.58	117	409595	45.661	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	1192008	49.571	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	195681	39.266	ug/l	92

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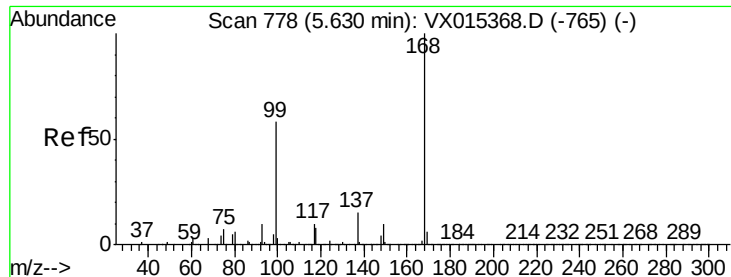
Manual Integrations
APPROVED

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	948820	49.884	ug/l	97
94) Hexachlorobutadiene	13.77	225	443775	49.004	ug/l	99
95) Naphthalene	13.82	128	2825604	48.701	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	907908	49.578	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 1027142

Ion Ratio Lower Upper

168 100

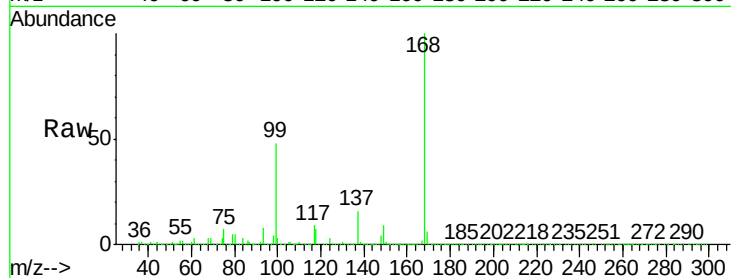
99 47.9 46.4 69.6

Manual Integrations

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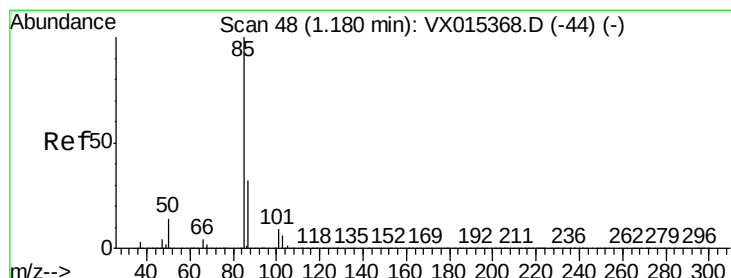
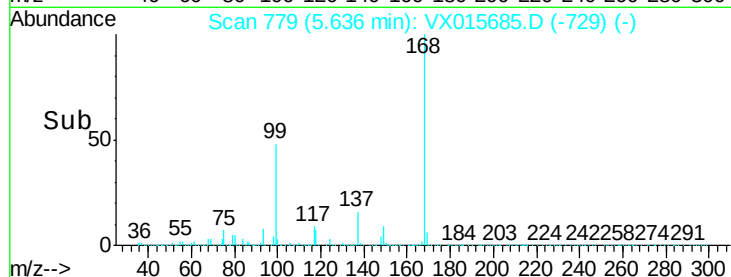
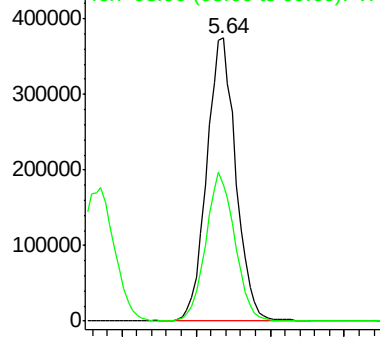
MMDadoda

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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: 43.124 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015685.D

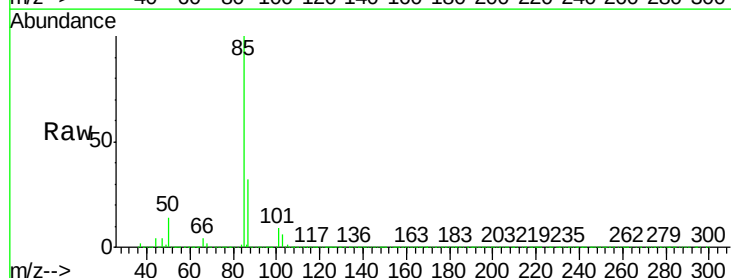
Acq: 15 Apr 2020 16:00

Tgt Ion: 85 Resp: 390238

Ion Ratio Lower Upper

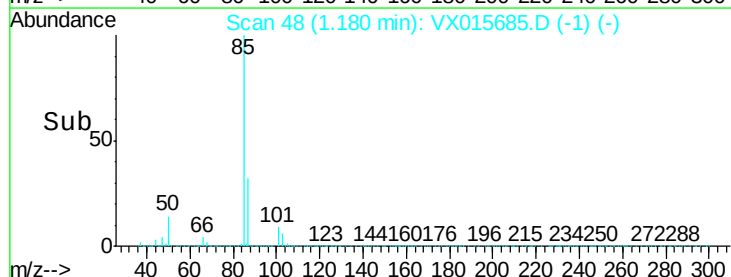
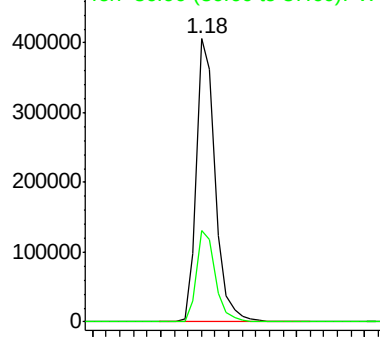
85 100

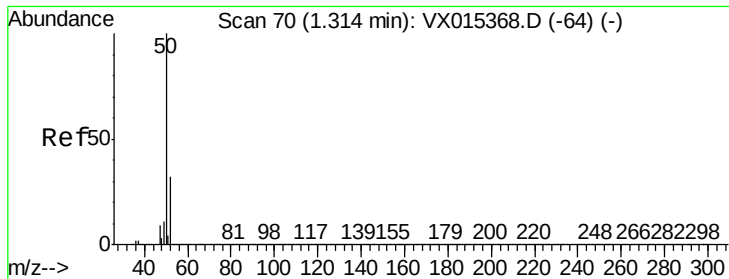
87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 40.909 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 471449

Ion Ratio Lower Upper

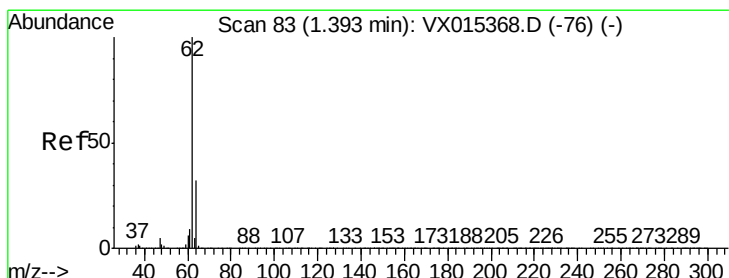
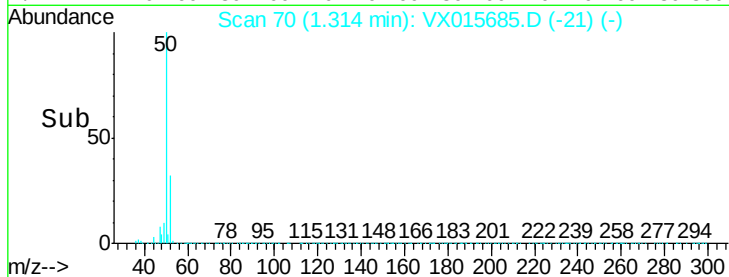
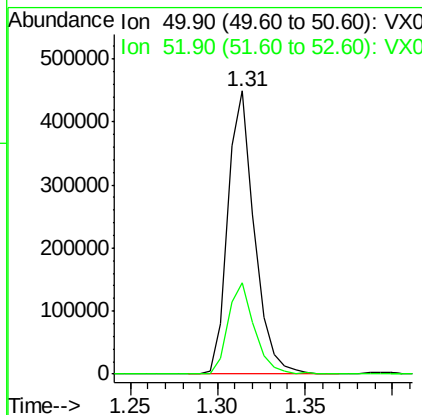
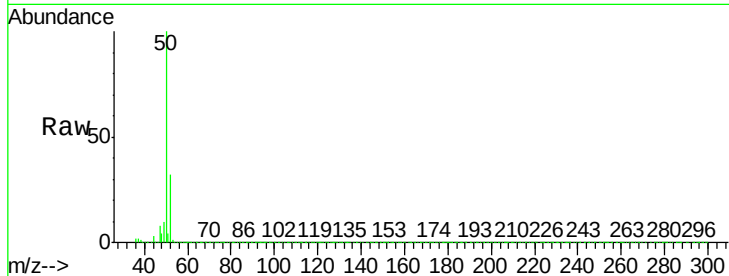
50 100

52 32.1 25.3 37.9

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#4

Vinyl Chloride

Concen: 47.071 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015685.D

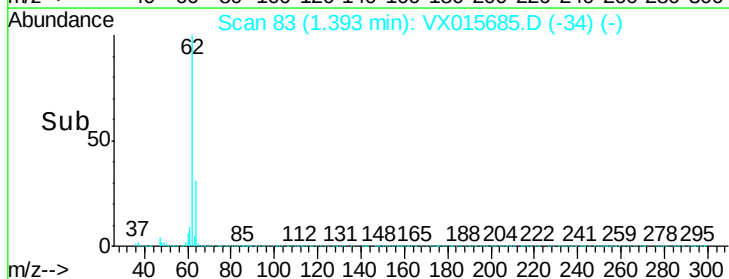
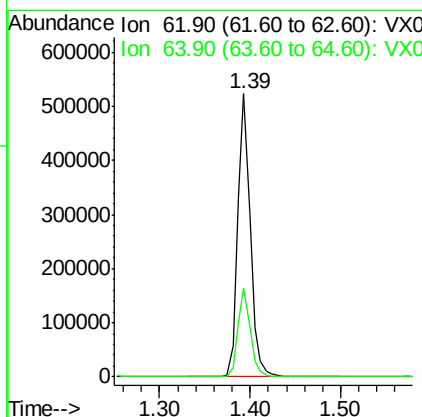
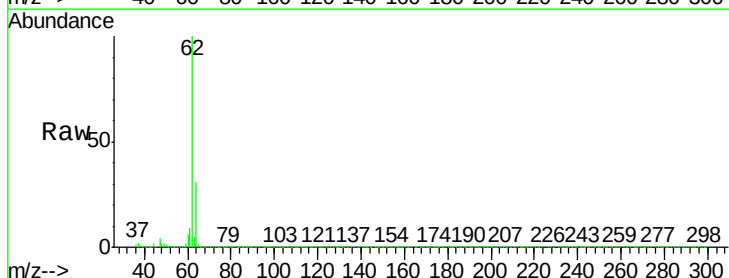
Acq: 15 Apr 2020 16:00

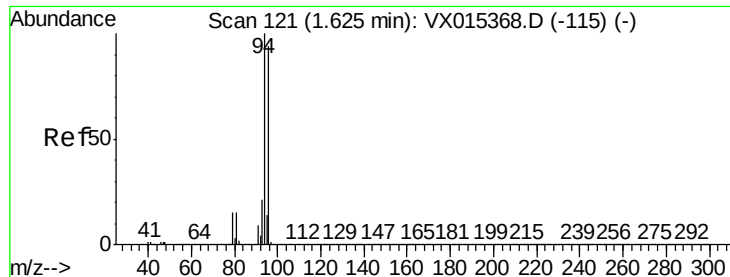
Tgt Ion: 62 Resp: 498098

Ion Ratio Lower Upper

62 100

64 31.2 26.0 39.0





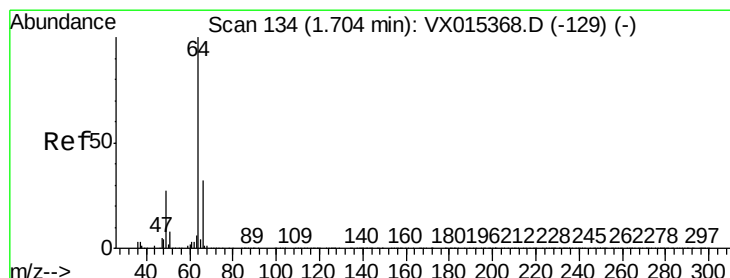
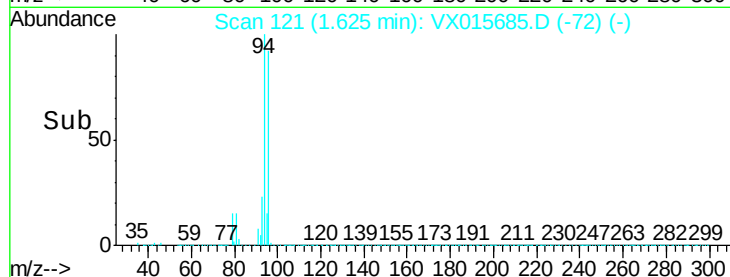
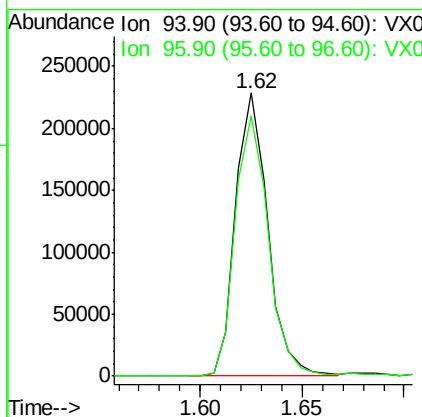
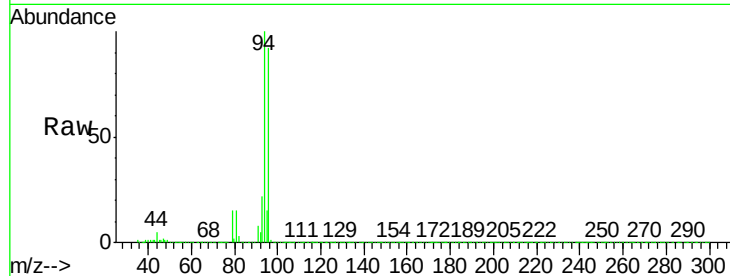
#5
Bromomethane
Concen: 51.293 ug/l
RT: 1.62 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
94	100		
96	91.8	74.8	112.2

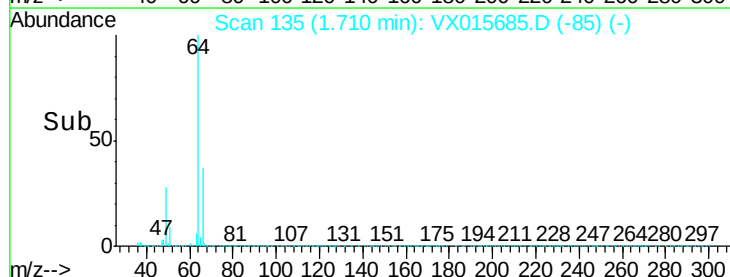
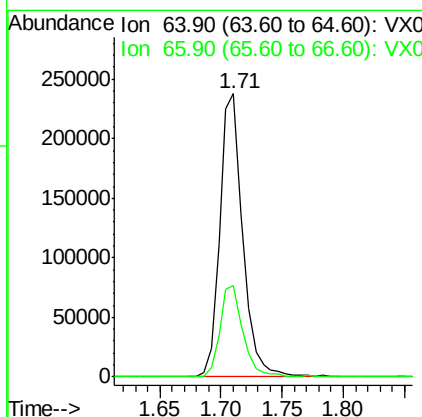
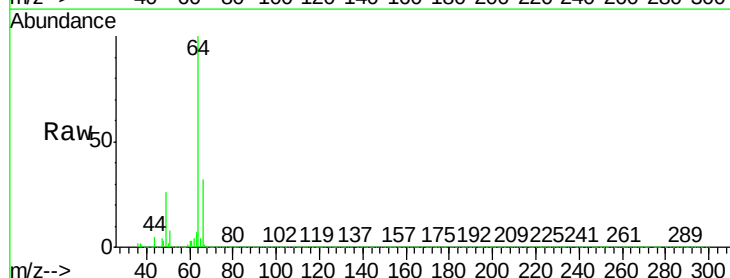
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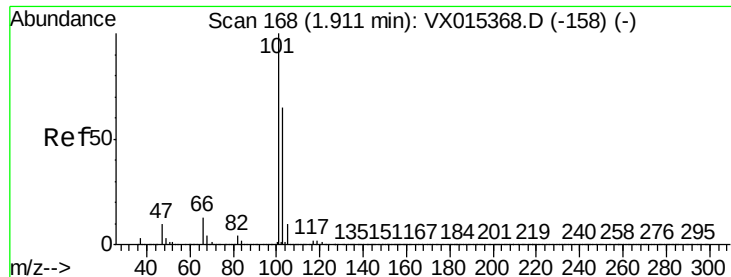
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#6
Chloroethane
Concen: 46.904 ug/l
RT: 1.71 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
64	100		
66	32.2	25.4	38.2





#7

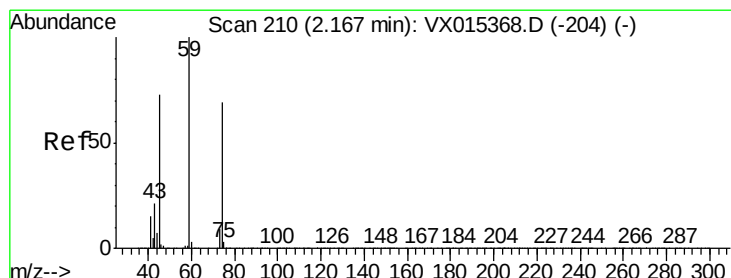
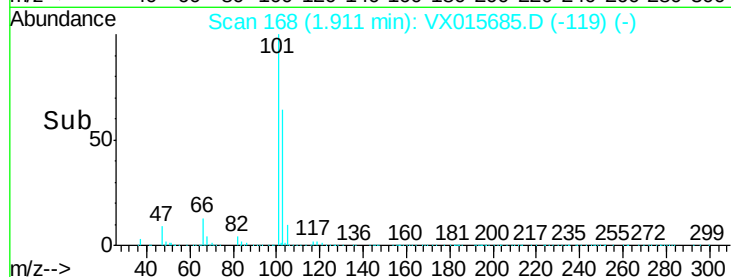
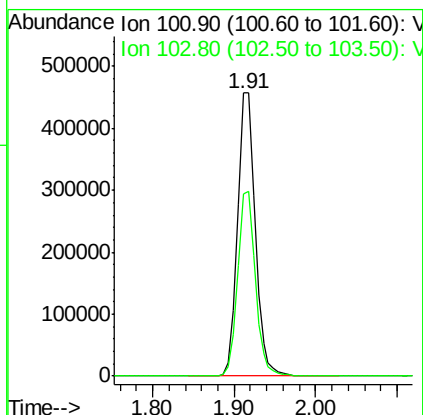
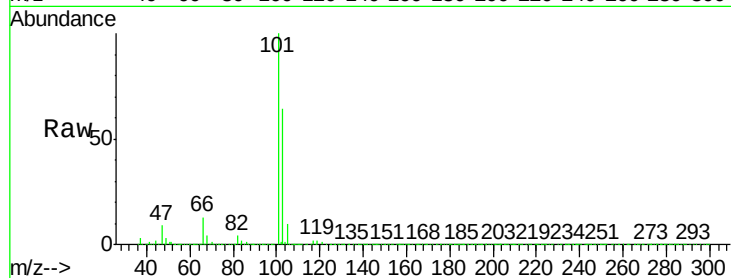
Trichlorofluoromethane
 Concen: 47.742 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.3	78.5

Manual Integrations
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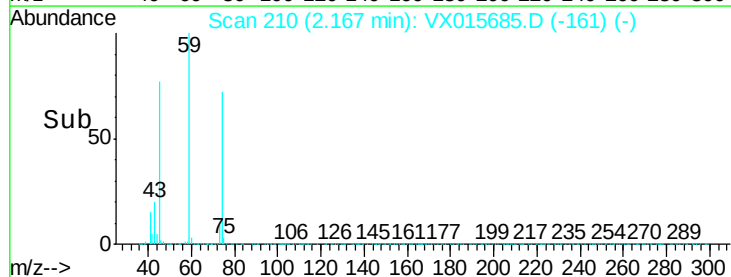
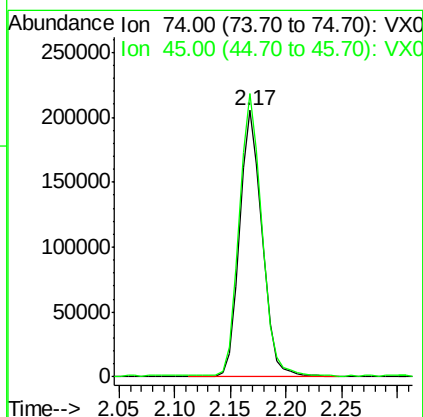
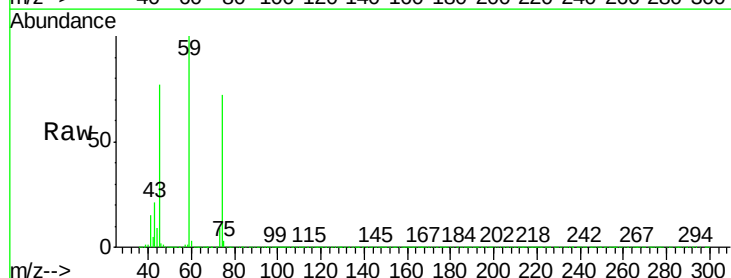
MMDadoda
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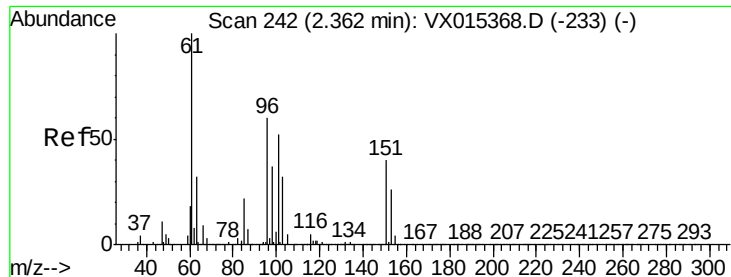


#8

Diethyl Ether
 Concen: 48.249 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.0	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.690 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

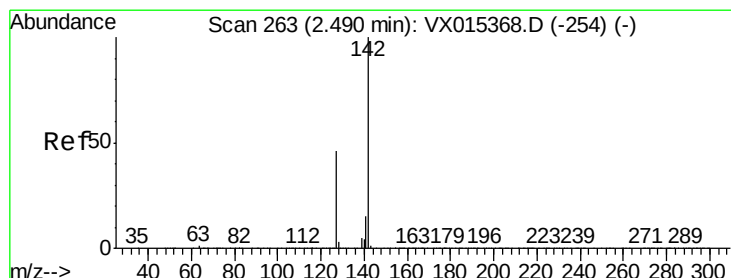
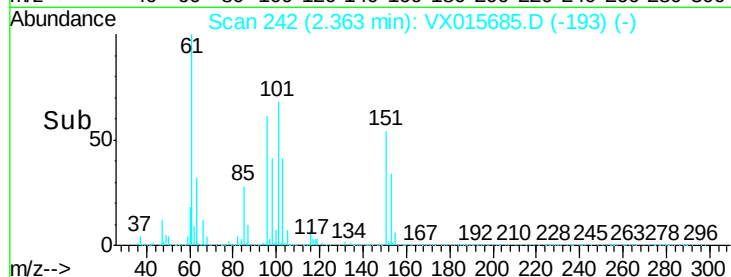
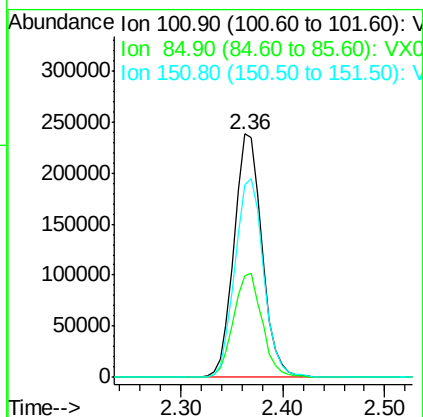
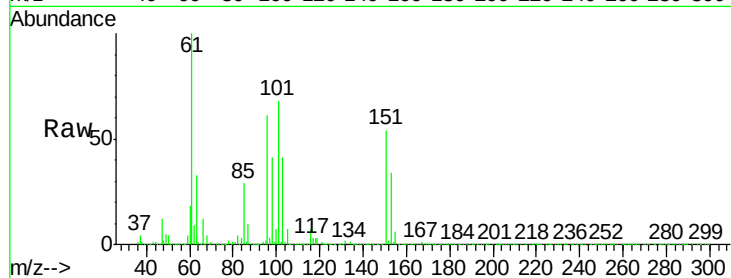
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	450445
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.0	52.4
151	84.0	64.1	96.1

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#10

Methyl Iodide

Concen: 37.546 ug/l

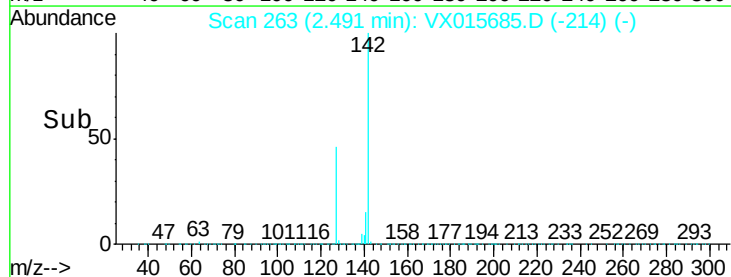
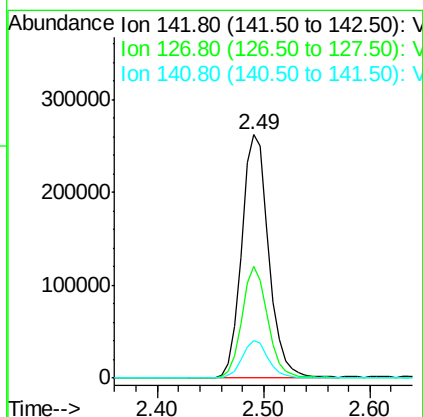
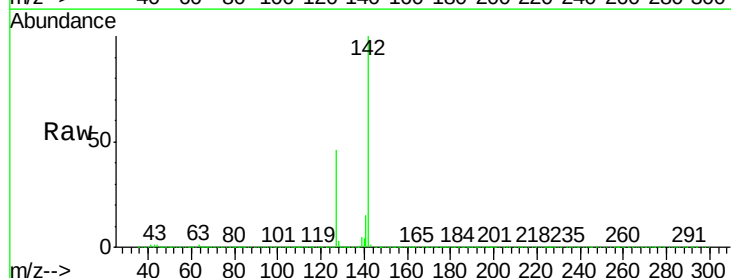
RT: 2.49 min Scan# 263

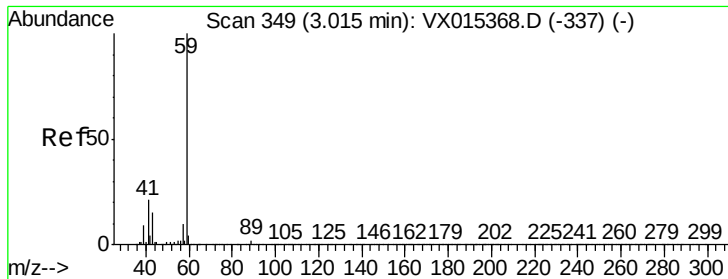
Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Tgt Ion:	142	Resp:	468315
Ion Ratio	Lower	Upper	
142	100		
127	43.9	35.9	53.9
141	15.0	11.6	17.4





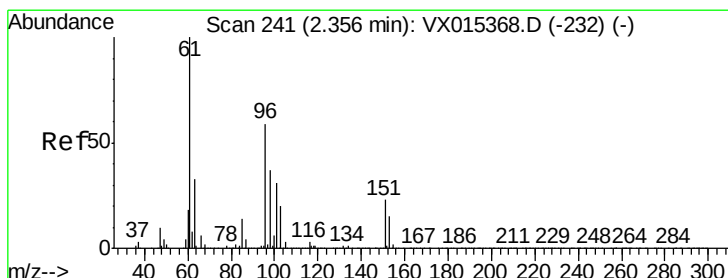
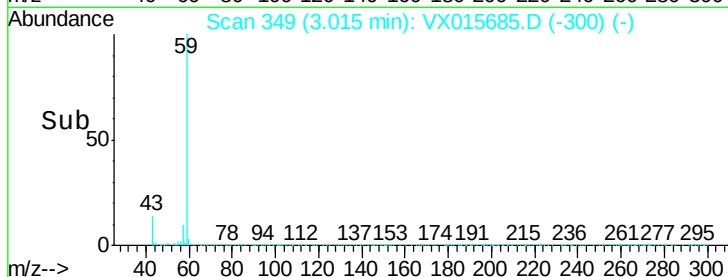
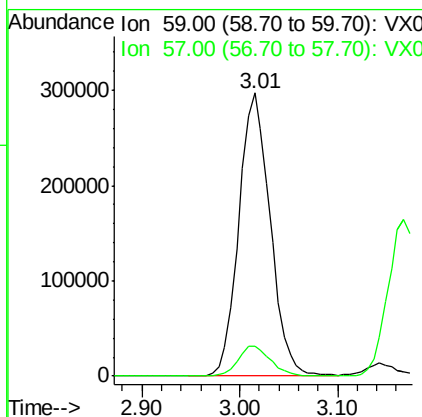
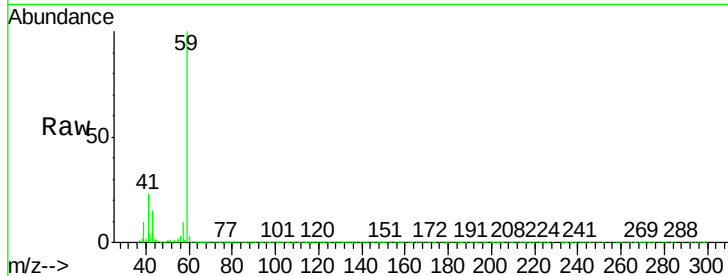
#11
Tert butyl alcohol
Concen: 190.125 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.1	12.1

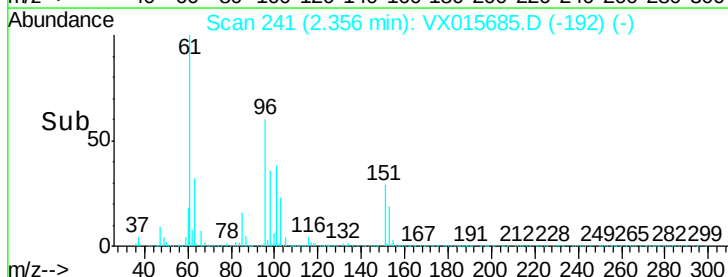
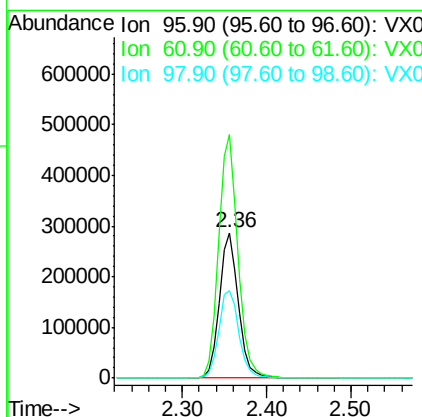
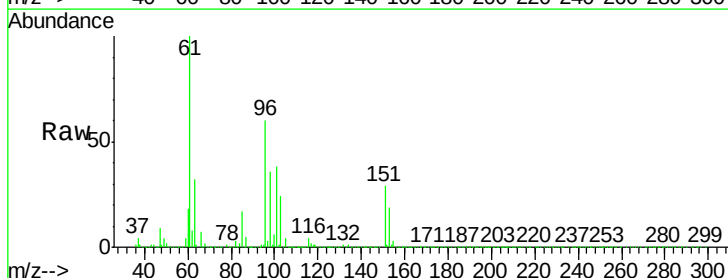
Manual Integrations
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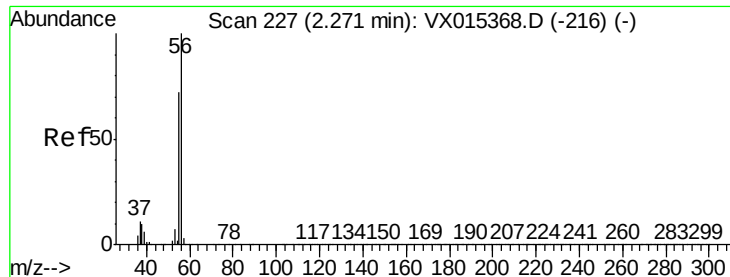
MMDadoda
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#12
1,1-Dichloroethene
Concen: 45.488 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.7	135.7	203.5
98	60.6	50.6	75.8





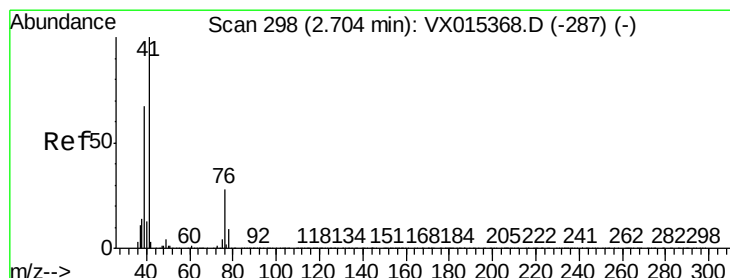
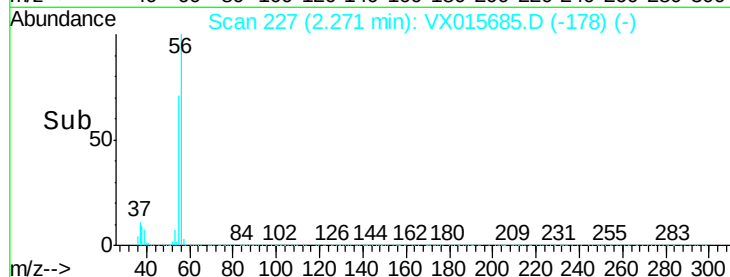
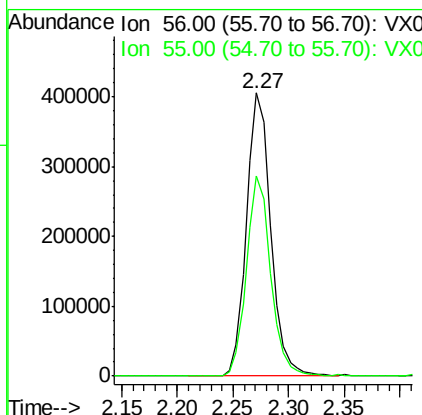
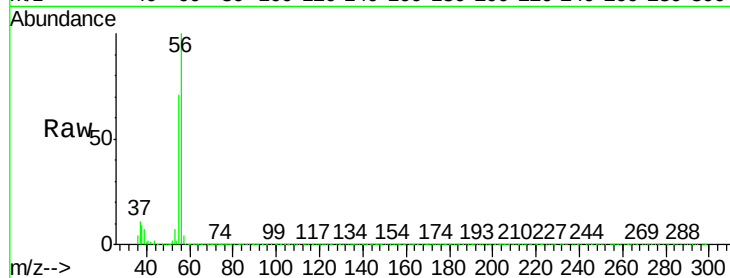
#13
Acrolein
Concen: 310.895 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.3	57.0	85.4

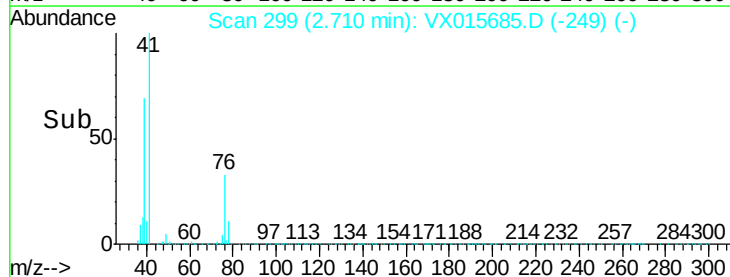
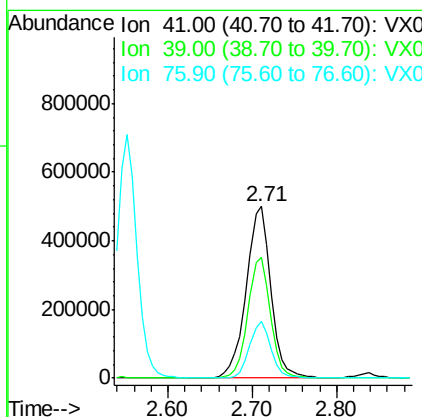
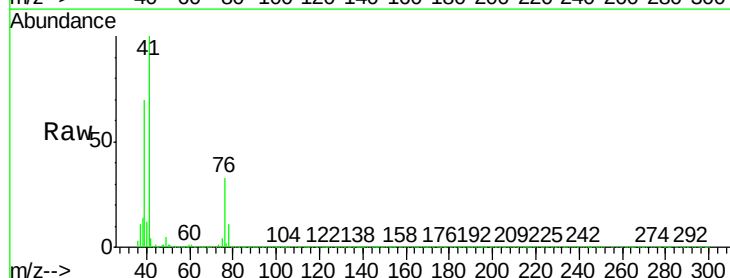
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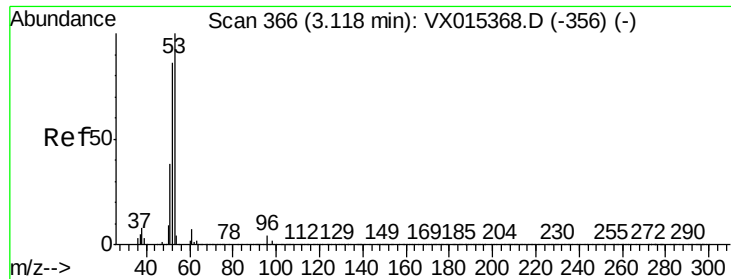
MMDadoda
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#14
Allyl chloride
Concen: 43.418 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.2	51.4	77.0
76	28.3	21.8	32.8





#15

Acrylonitrile

Concen: 227.269 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

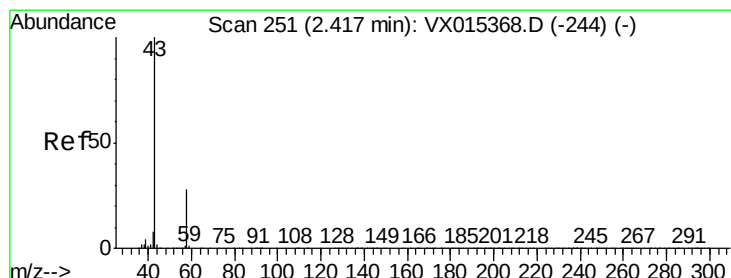
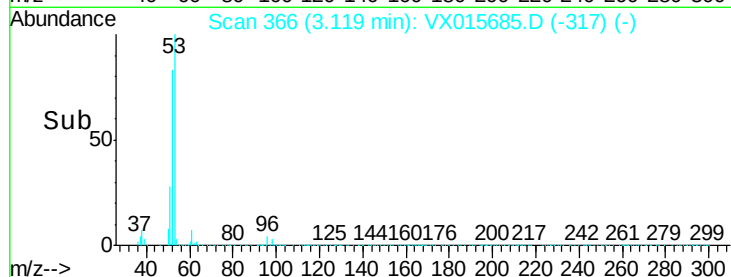
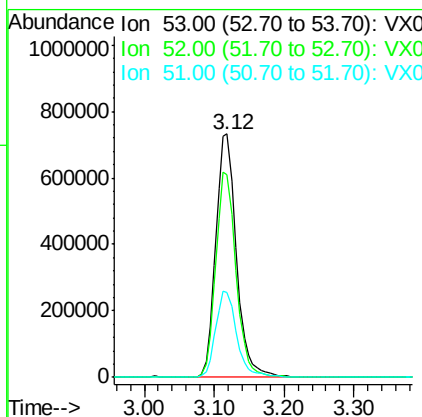
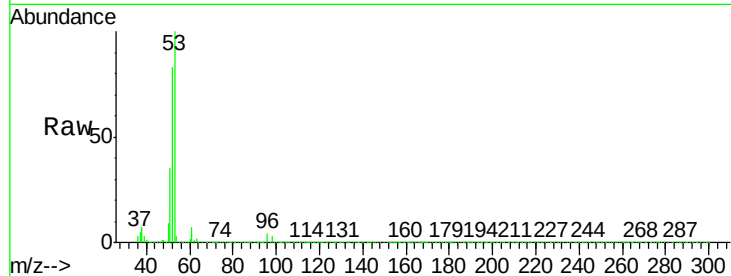
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	1502865
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.8	100.2
51	36.2	29.5	44.3

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#16

Acetone

Concen: 212.371 ug/l

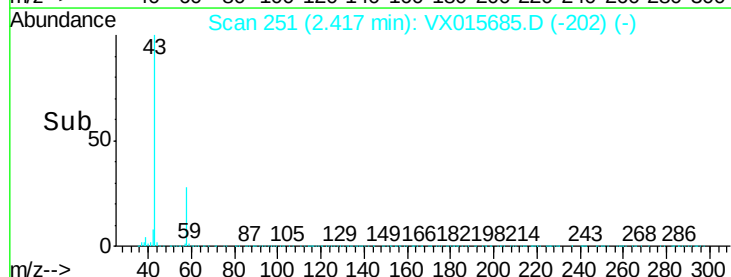
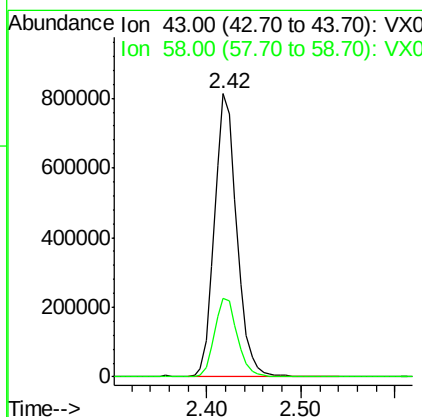
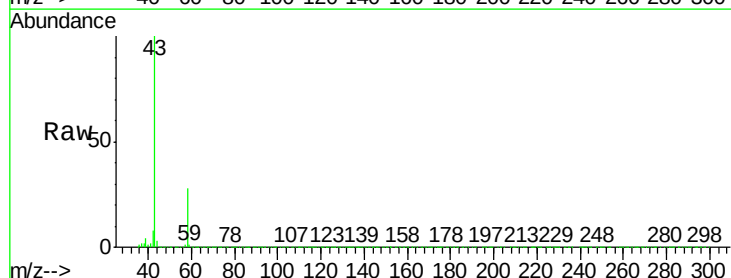
RT: 2.42 min Scan# 251

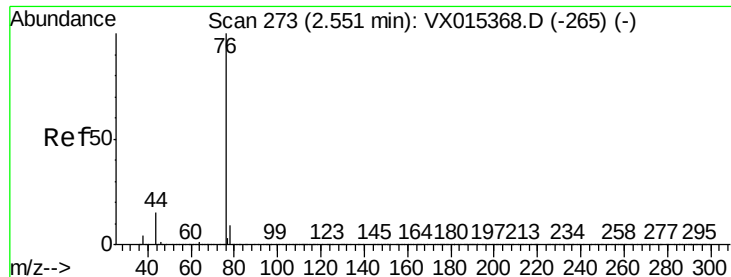
Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Tgt Ion:	43	Resp:	1321763
Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.1	33.1





#17

Carbon Disulfide

Concen: 39.245 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1160945

Ion Ratio Lower Upper

76 100

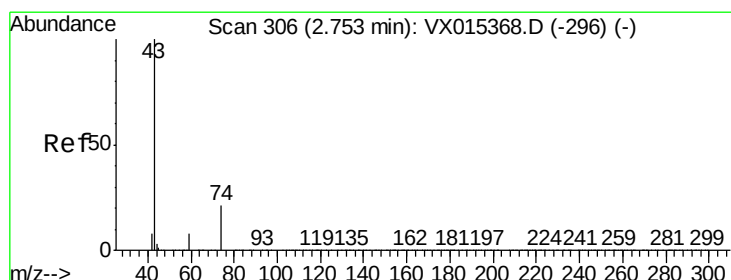
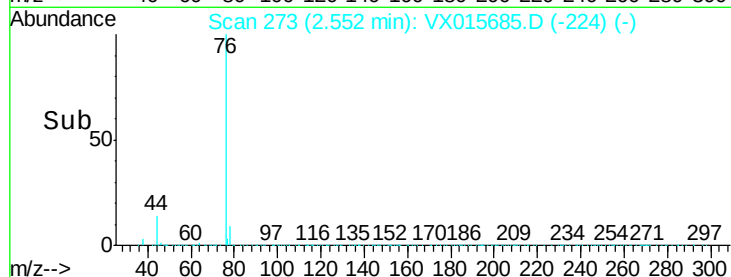
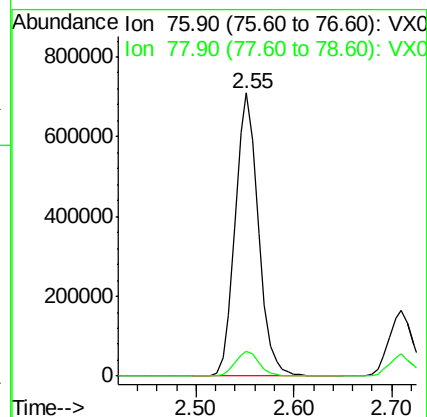
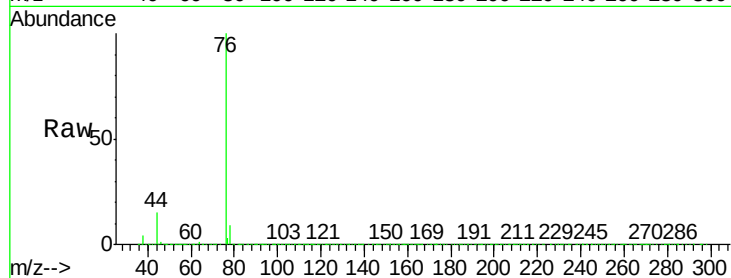
78 8.9 7.1 10.7

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#18

Methyl Acetate

Concen: 46.337 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015685.D

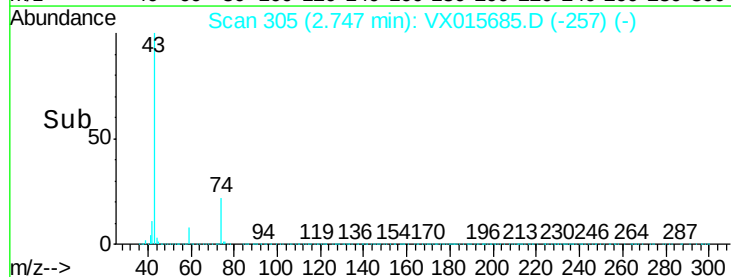
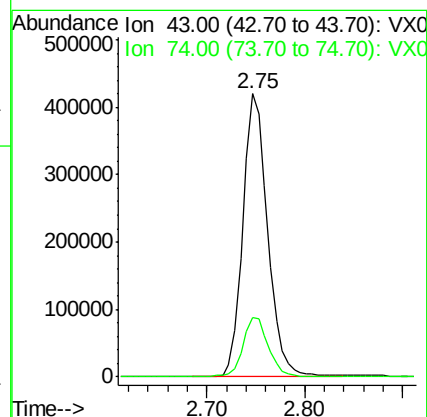
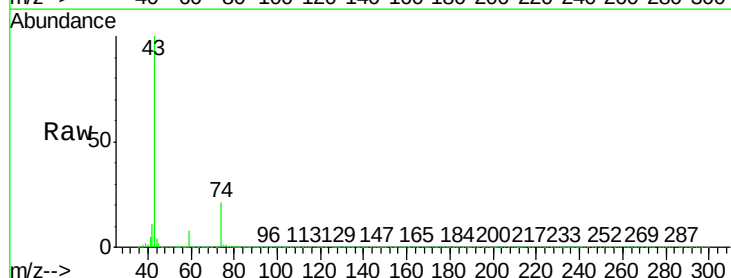
Acq: 15 Apr 2020 16:00

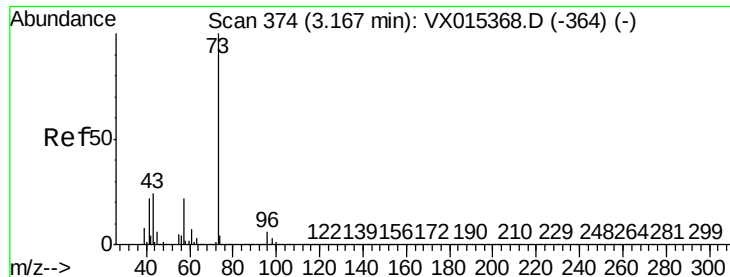
Tgt Ion: 43 Resp: 736066

Ion Ratio Lower Upper

43 100

74 21.5 16.5 24.7





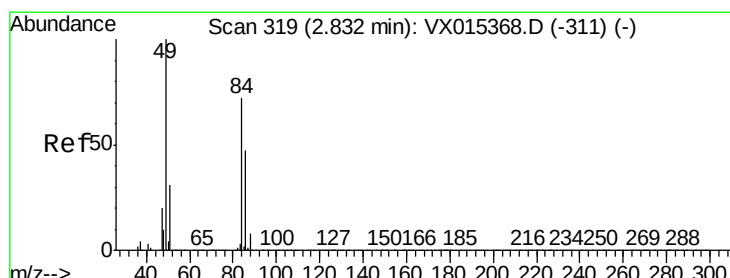
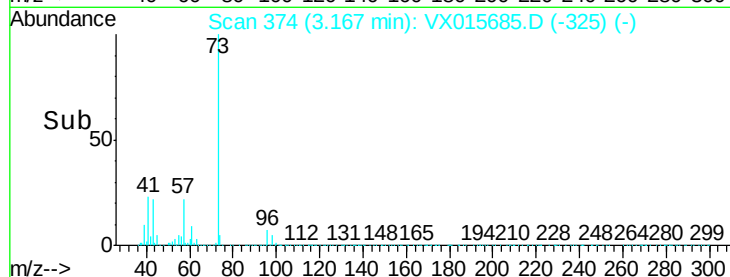
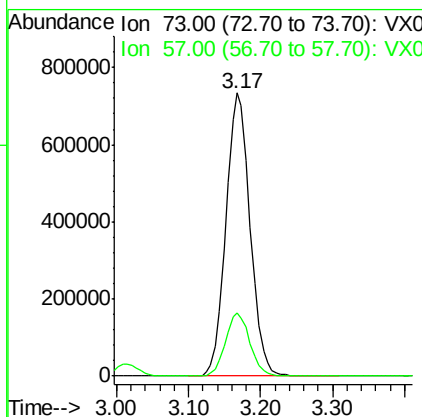
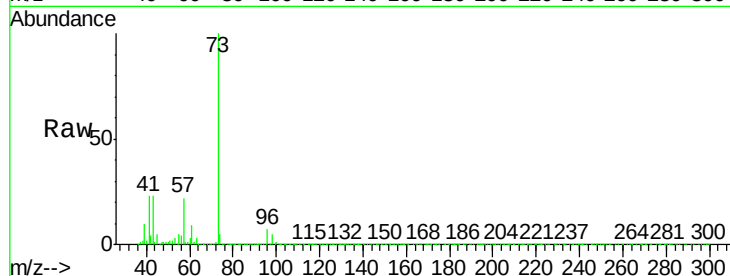
#19
Methyl tert-butyl Ether
Concen: 45.506 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1711492
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9

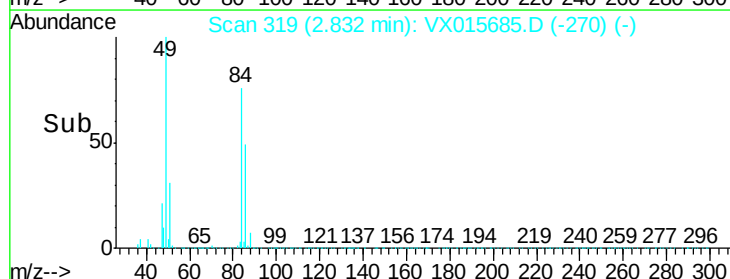
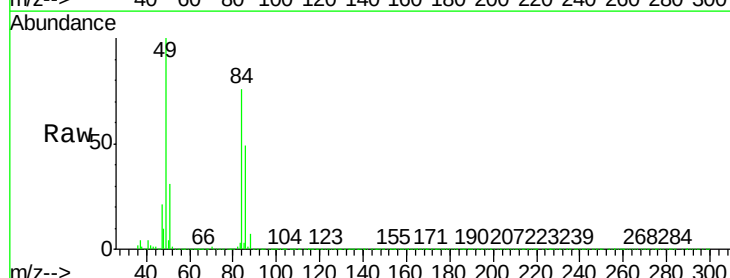
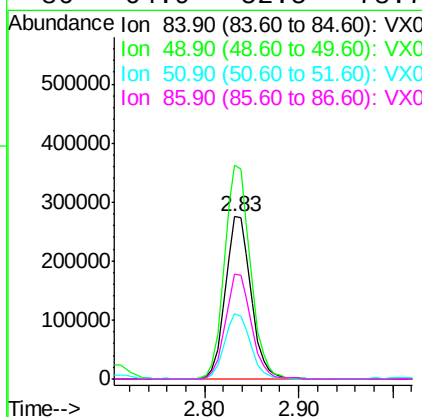
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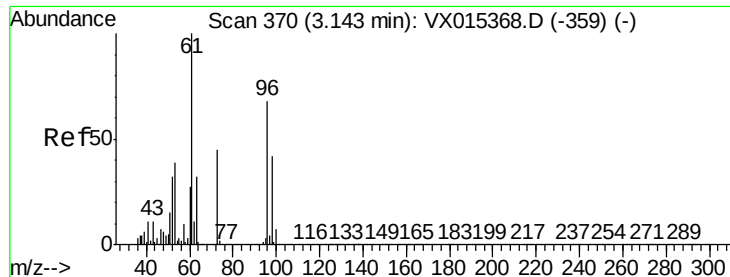
MMDadoda
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#20
Methylene Chloride
Concen: 44.458 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 84 Resp: 516833
Ion Ratio Lower Upper
84 100
49 131.6 111.3 166.9
51 40.2 34.0 51.0
86 64.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.200 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

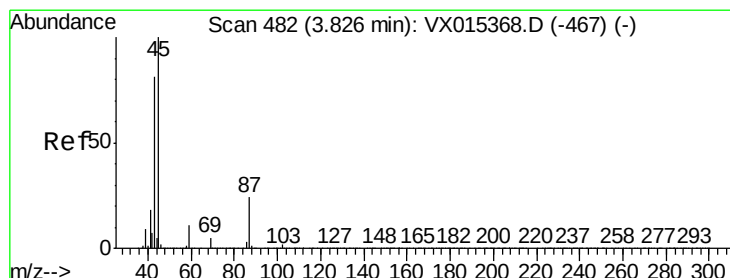
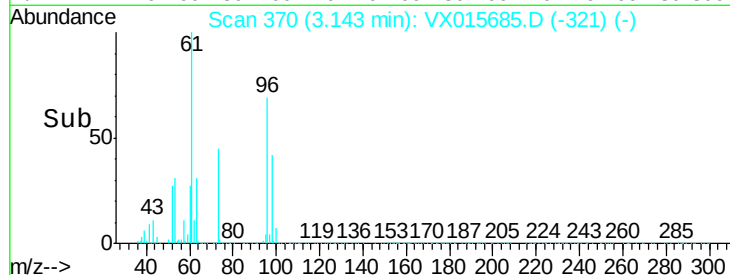
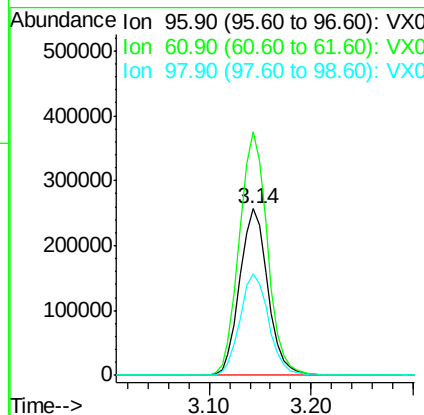
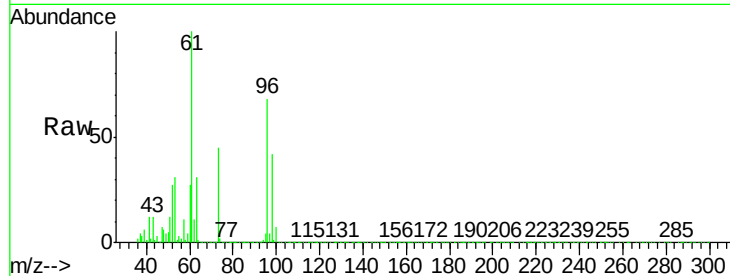
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	486447
Ion	Ratio	Lower	Upper
96	100		
61	146.0	116.9	175.3
98	60.8	48.6	73.0

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#22

Diisopropyl ether

Concen: 46.224 ug/l

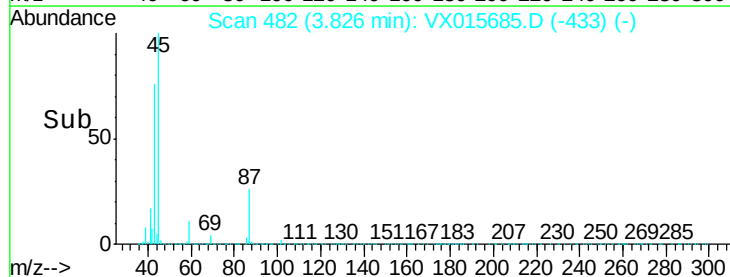
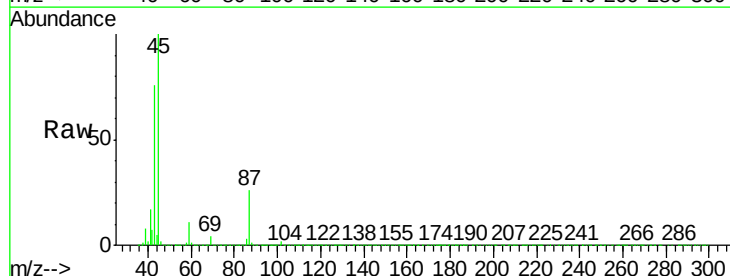
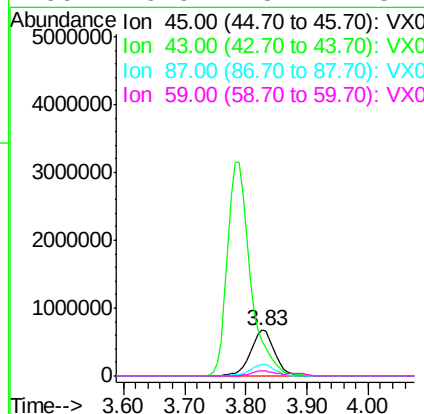
RT: 3.83 min Scan# 482

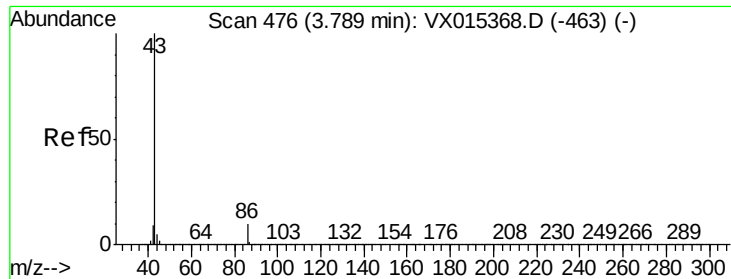
Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Tgt Ion:	45	Resp:	1855923
Ion	Ratio	Lower	Upper
45	100		
43	76.1	64.7	97.1
87	25.8	19.4	29.0
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 225.565 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 8199908

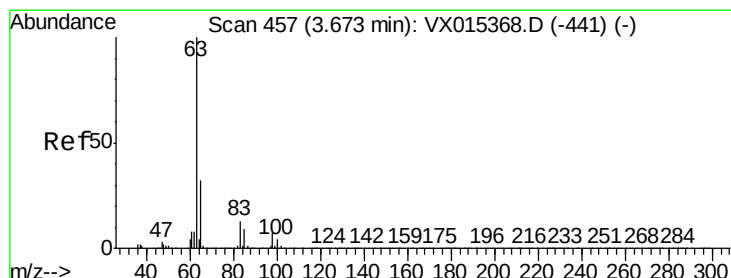
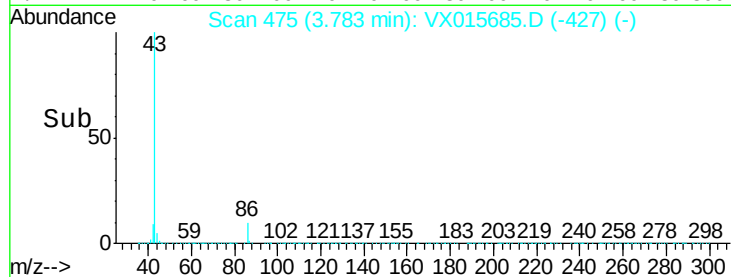
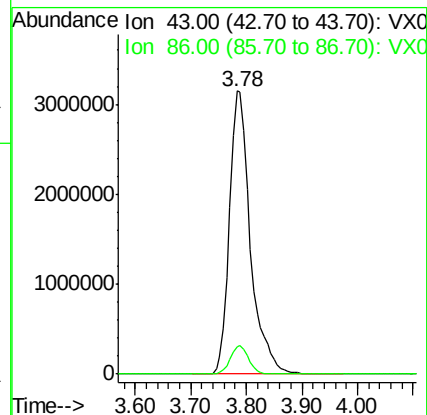
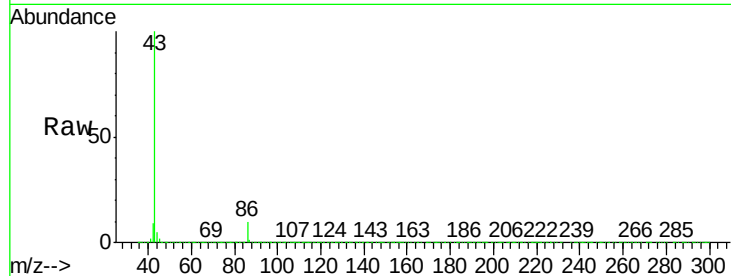
Ion Ratio Lower Upper

43 100

86 9.6 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 45.036 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

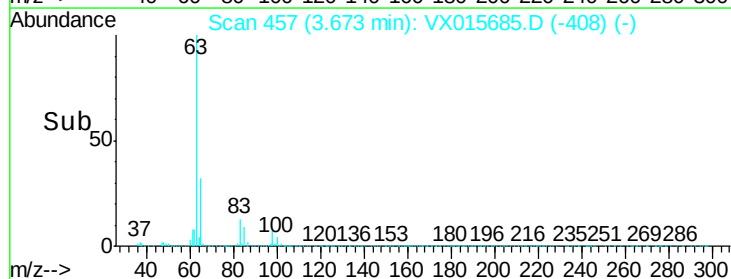
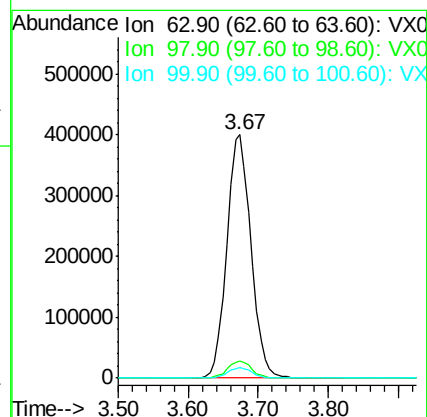
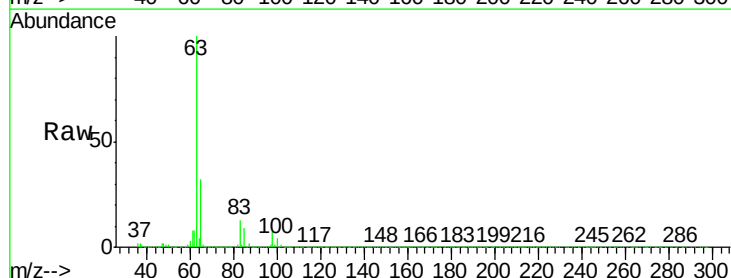
Tgt Ion: 63 Resp: 952065

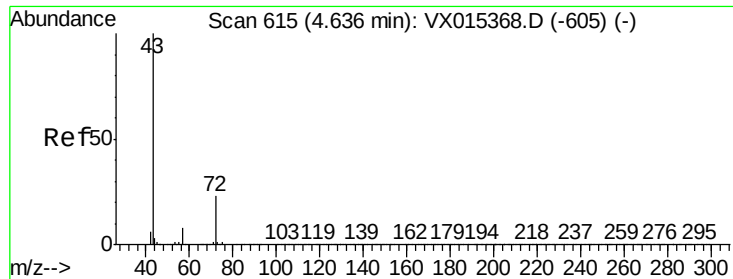
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 4.4 2.1 6.5





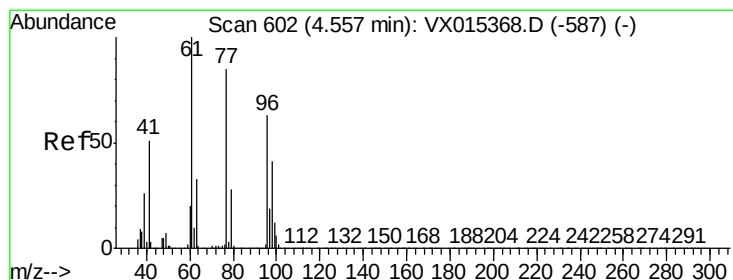
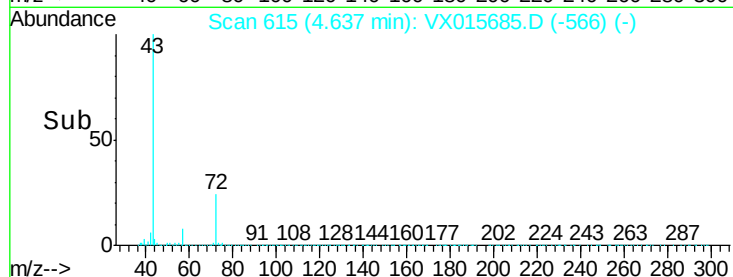
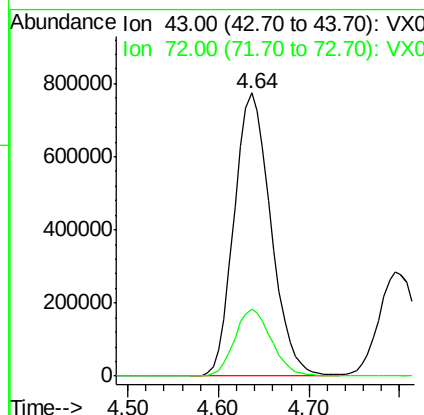
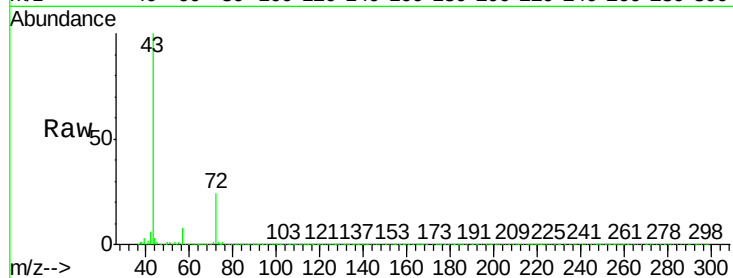
#25
2-Butanone
Concen: 216.718 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2169177
Ion Ratio Lower Upper
43 100
72 23.7 19.0 28.4

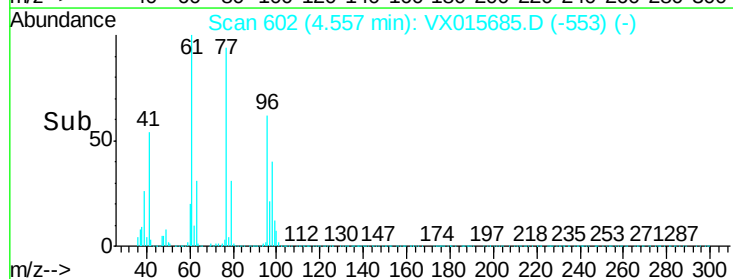
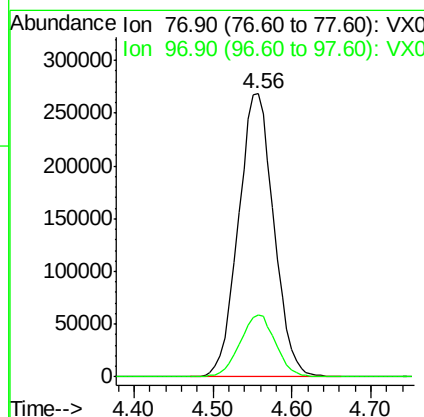
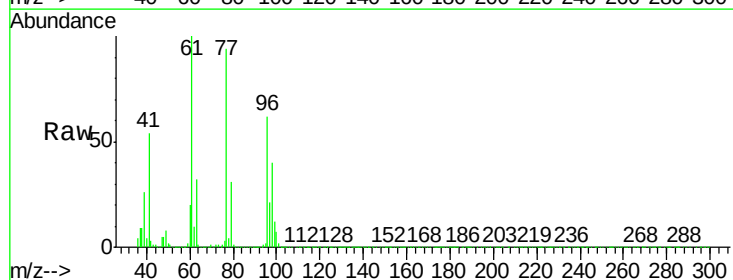
Manual Integrations
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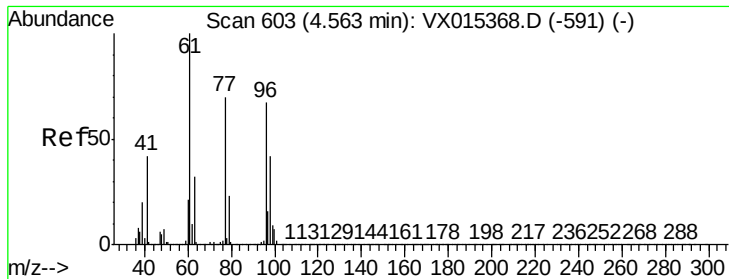
MMDadoda
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#26
2,2-Dichloropropane
Concen: 48.156 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 77 Resp: 835597
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.8





#27

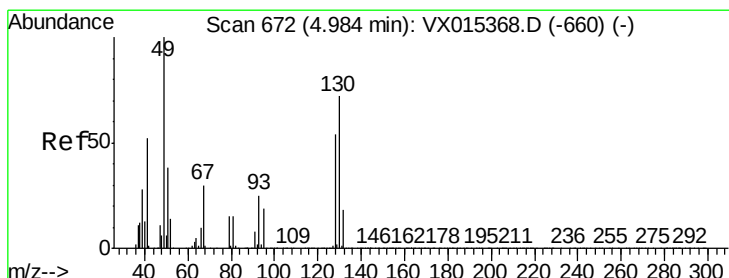
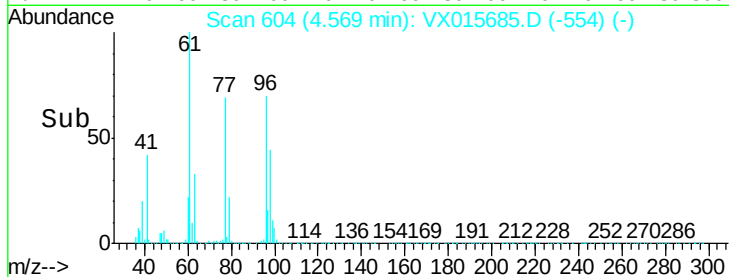
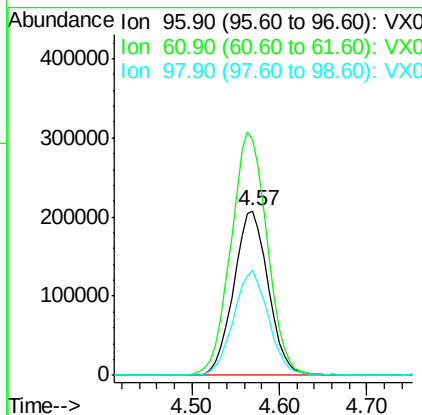
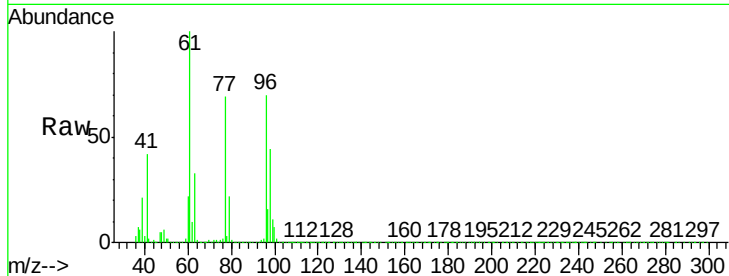
cis-1,2-Dichloroethene
Concen: 45.789 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	570126		
61	154.6	0.0	308.4	
98	64.2	0.0	129.2	

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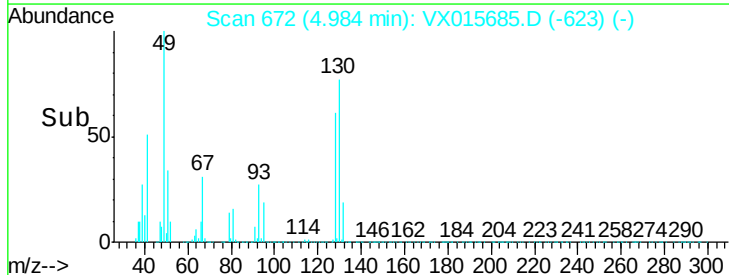
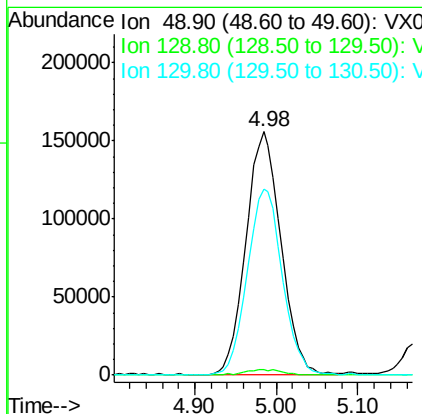
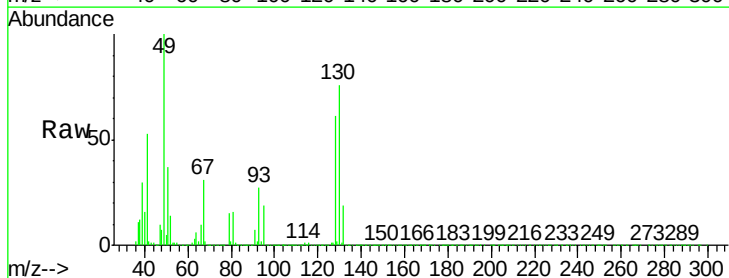
MMDadoda
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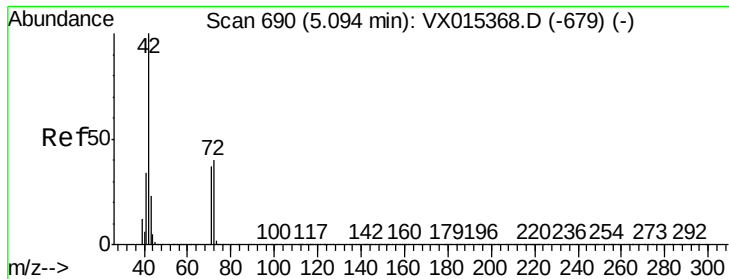


#28

Bromochloromethane
Concen: 46.026 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	464551		
129	2.4	0.0	4.4	
130	76.8	57.7	86.5	





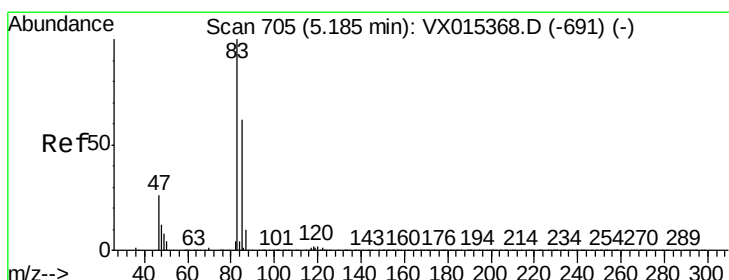
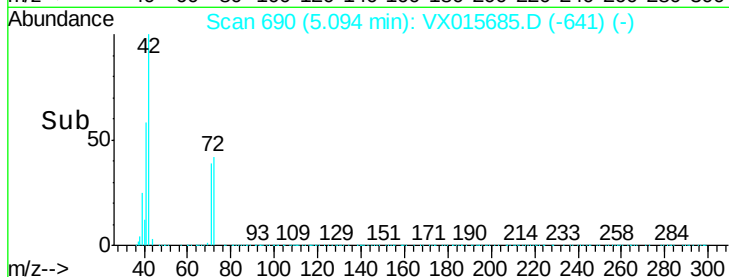
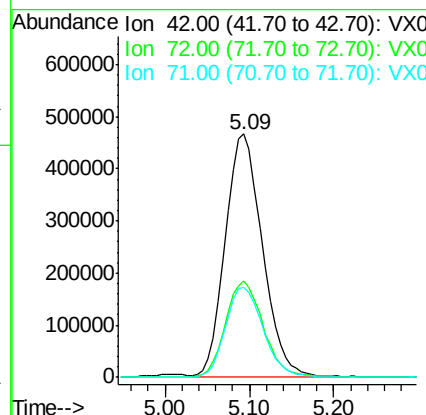
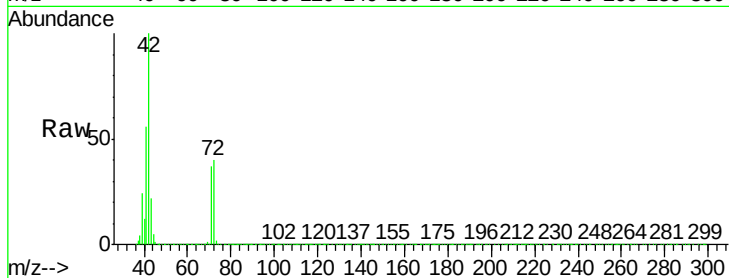
#29
Tetrahydrofuran
Concen: 218.084 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.3	31.7	47.5
71	37.6	29.6	44.4

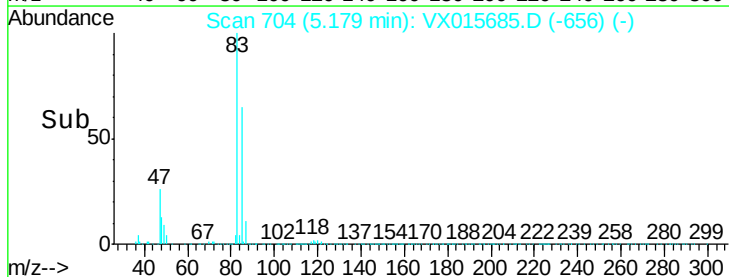
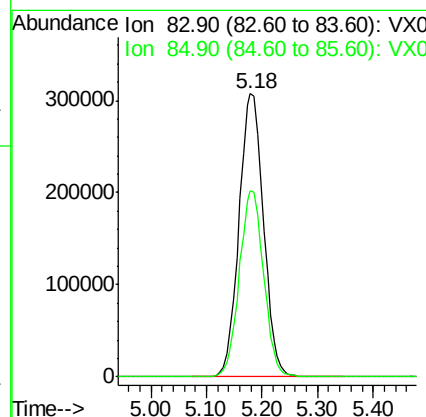
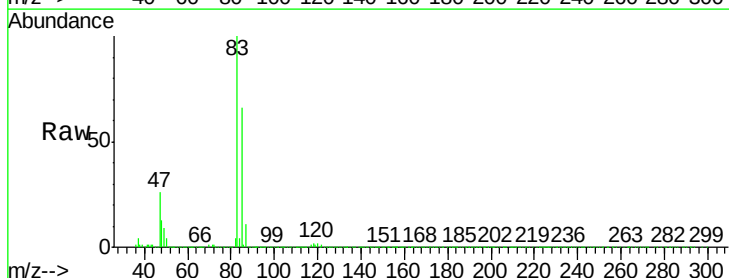
Manual Integrations
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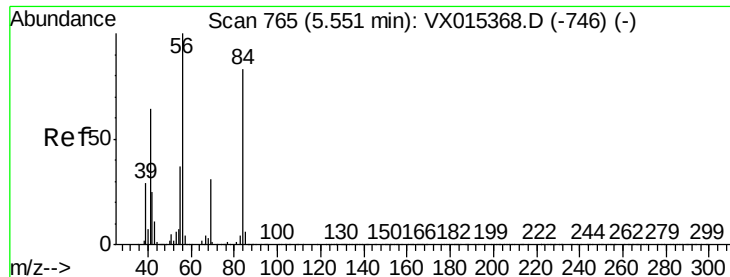
MMDadoda
4/16/2020 11:03:11 AM



#30
Chloroform
Concen: 45.932 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	49.5	74.3





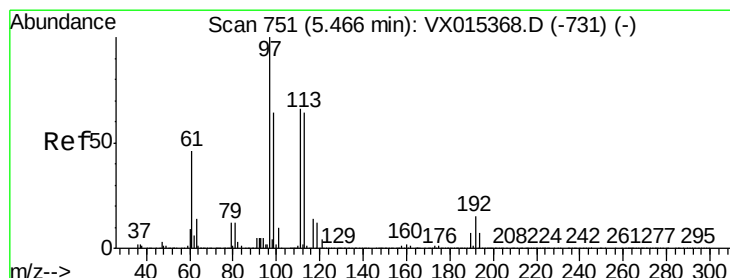
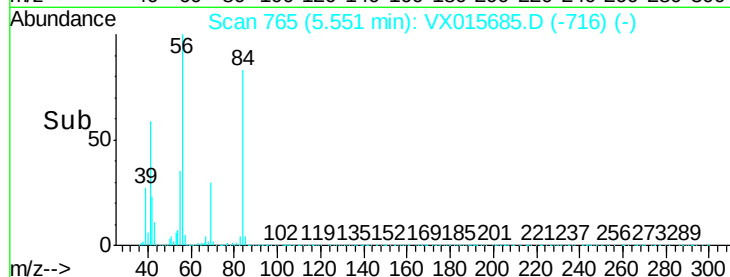
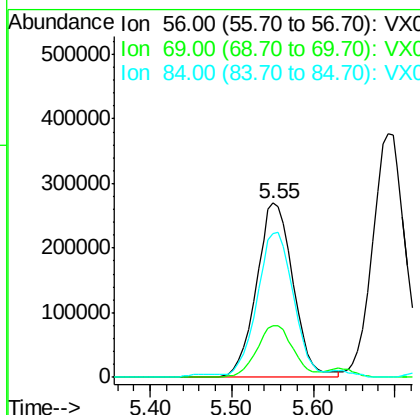
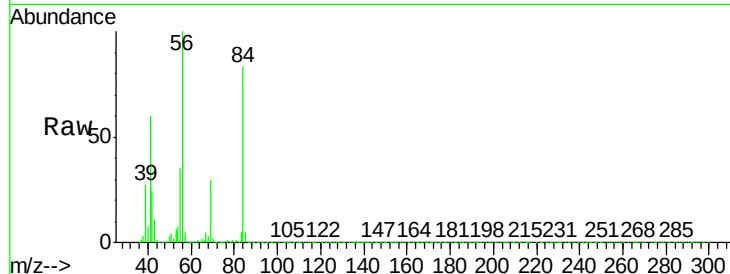
#31
Cyclohexane
Concen: 45.723 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.6	36.8
84	81.8	66.1	99.1

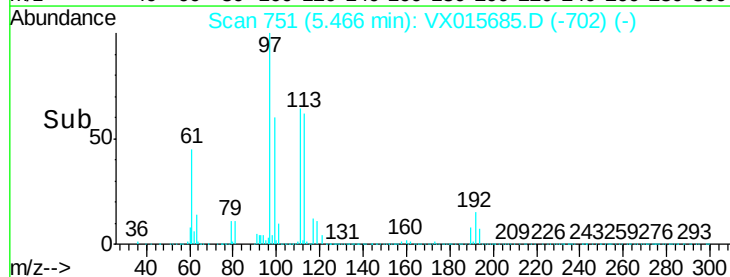
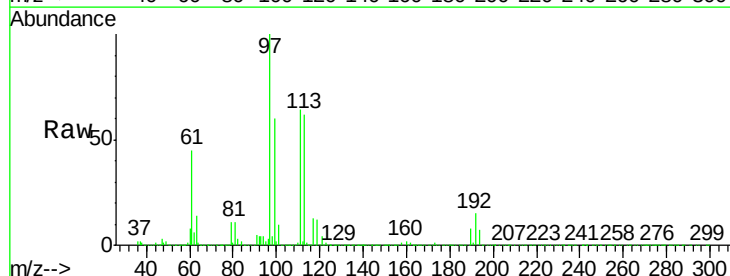
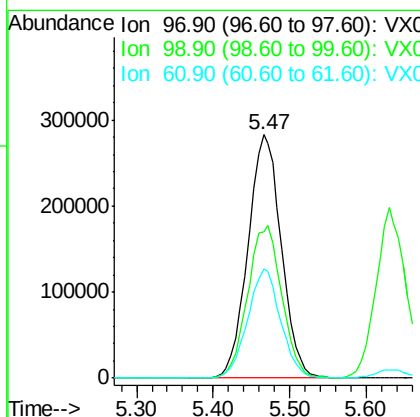
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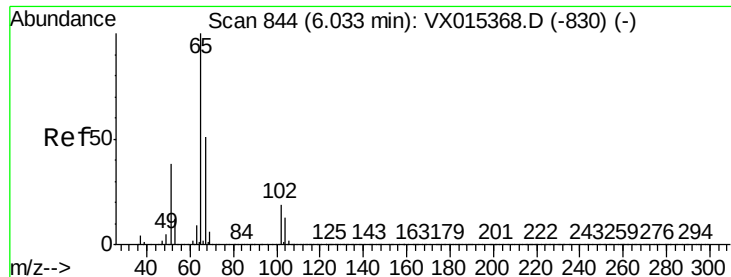
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#32
1,1,1-Trichloroethane
Concen: 46.426 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	44.3	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 44.743 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 648185

Ion Ratio Lower Upper

65 100

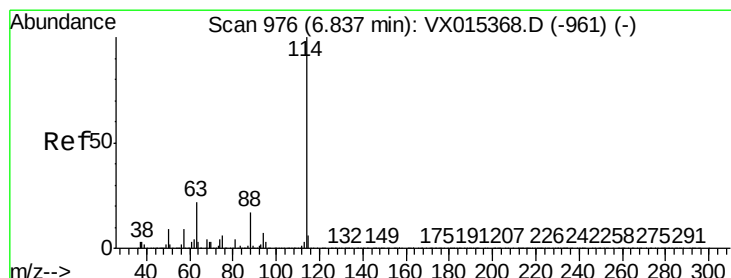
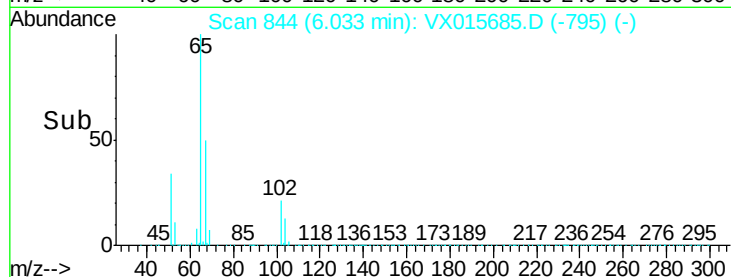
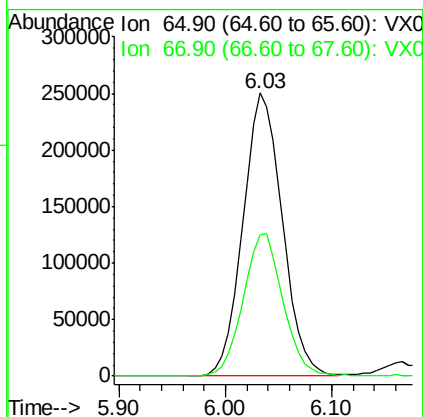
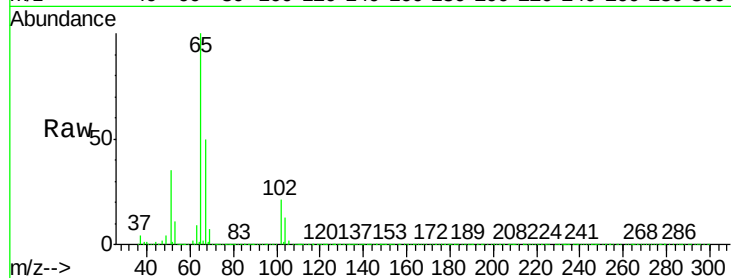
67 50.5 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

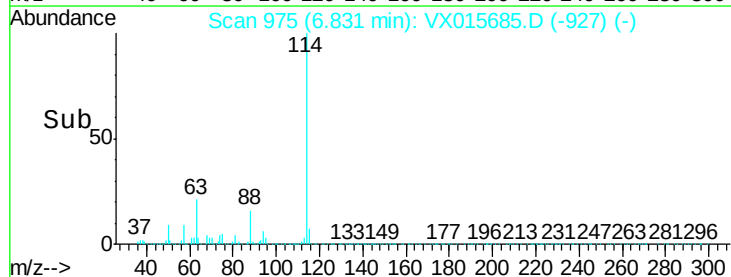
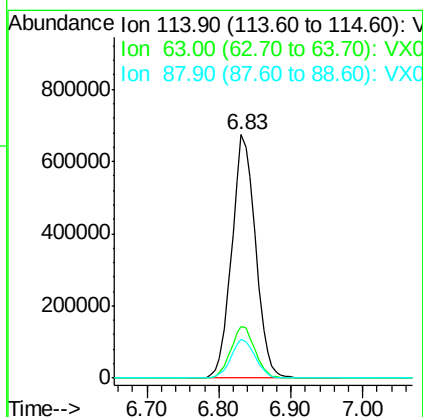
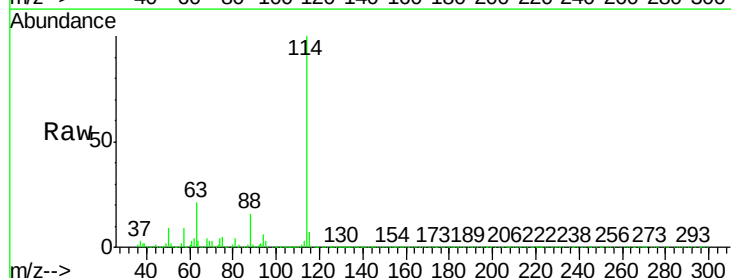
Tgt Ion: 114 Resp: 1548248

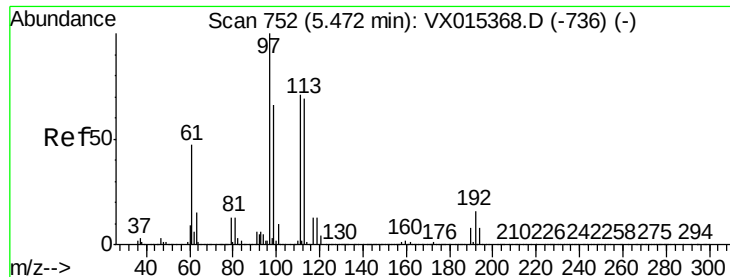
Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.2

88 16.0 0.0 33.8





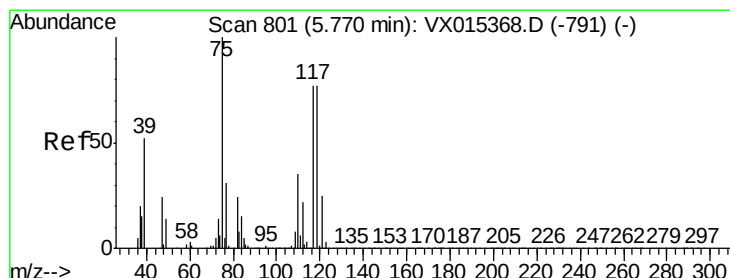
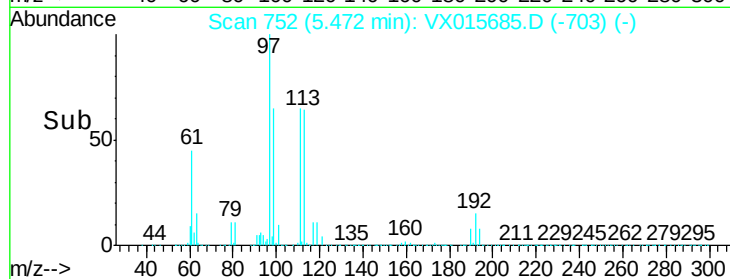
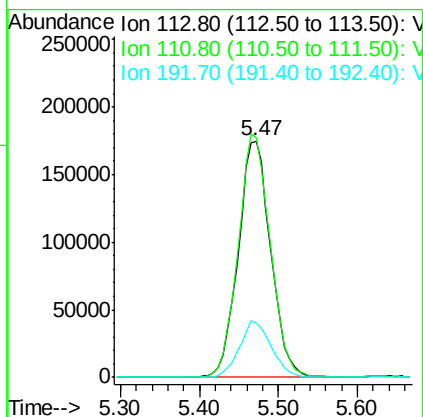
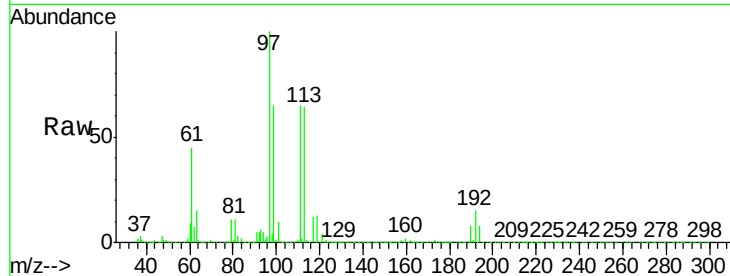
#35
 Dibromofluoromethane
 Concen: 50.420 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	498995		
111	101.7	81.5	122.3	
192	23.1	17.8	26.6	

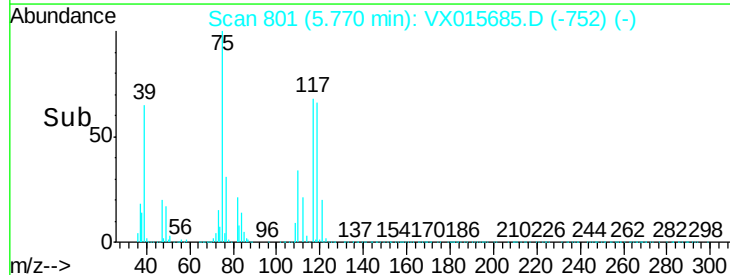
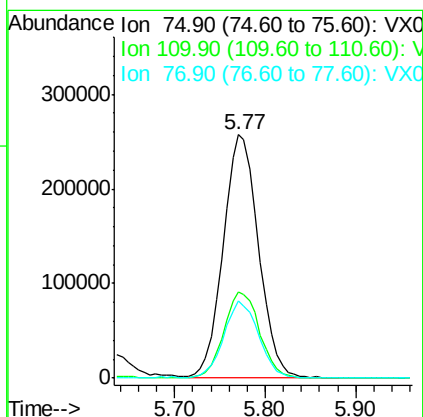
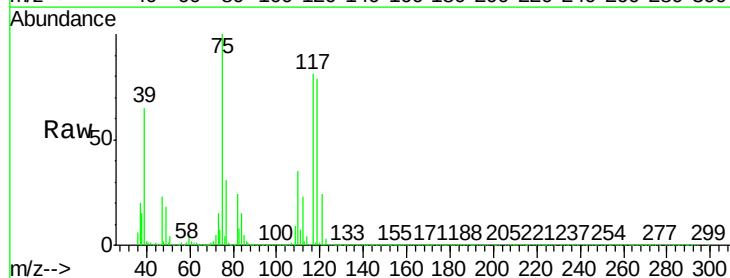
Manual Integrations
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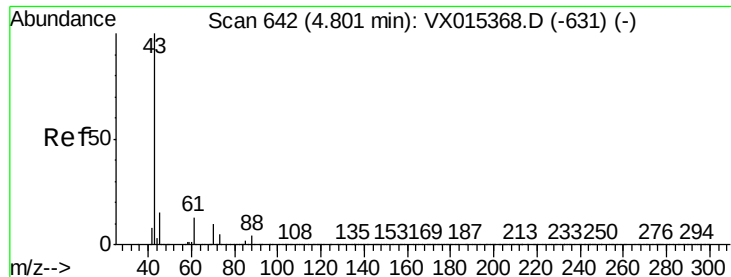
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 4/16/2020 11:03:11 AM



#36
 1,1-Dichloropropene
 Concen: 48.471 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	691453		
110	35.9	17.1	51.3	
77	31.0	24.6	36.8	





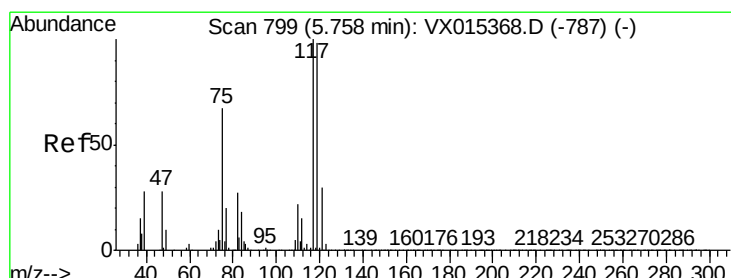
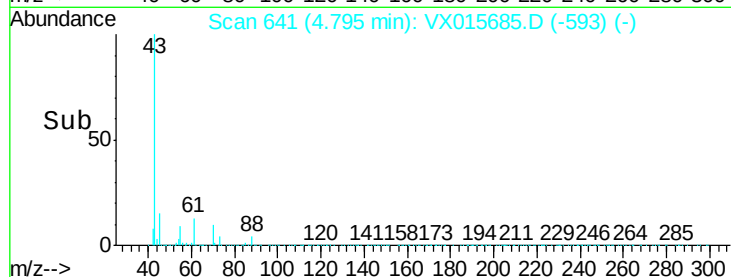
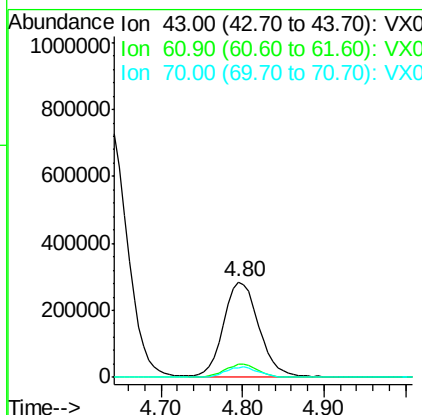
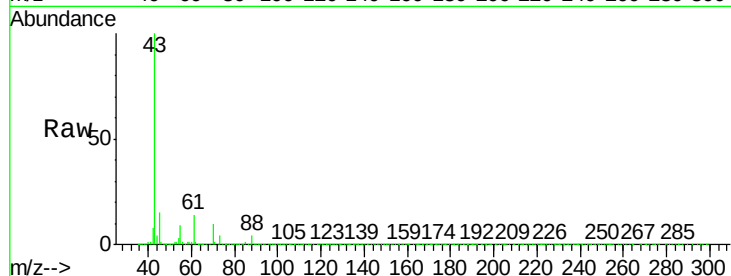
#37
Ethyl Acetate
Concen: 45.679 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.9	14.9
70	10.1	8.1	12.1

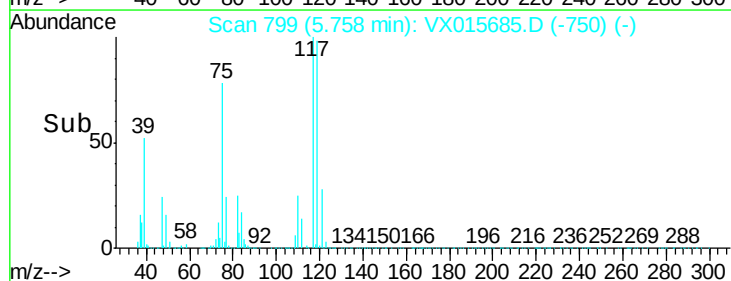
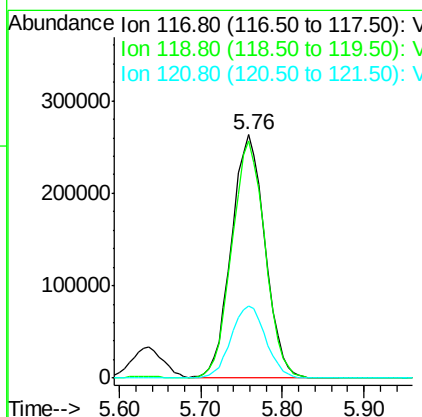
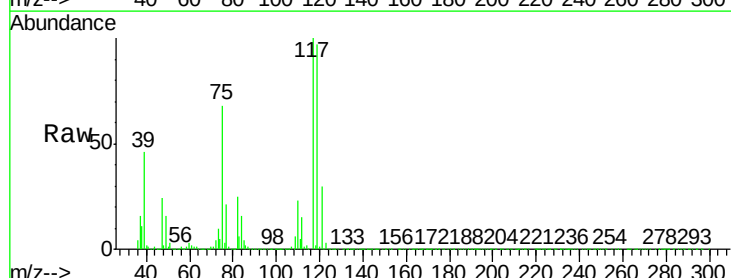
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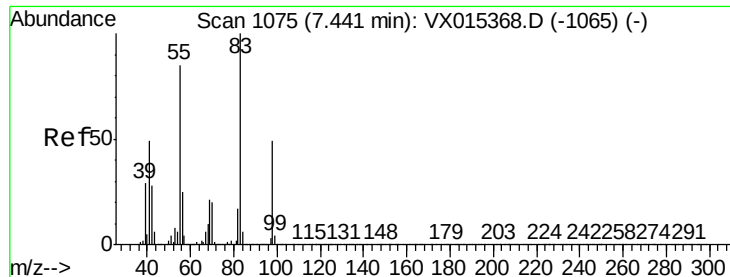
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#38
Carbon Tetrachloride
Concen: 48.407 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.0	117.0
121	29.7	23.8	35.8





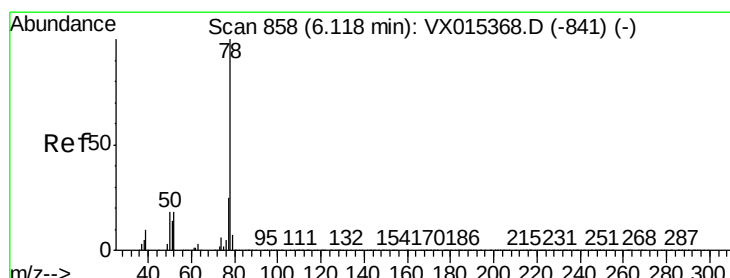
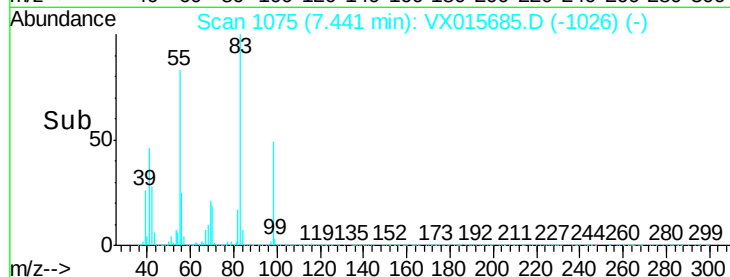
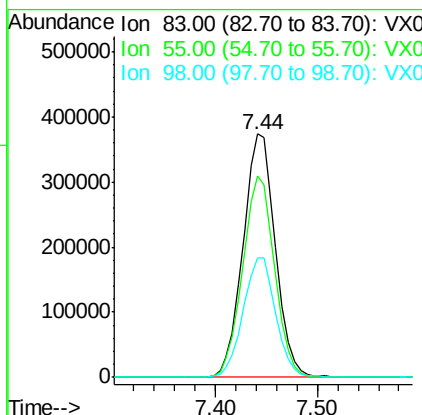
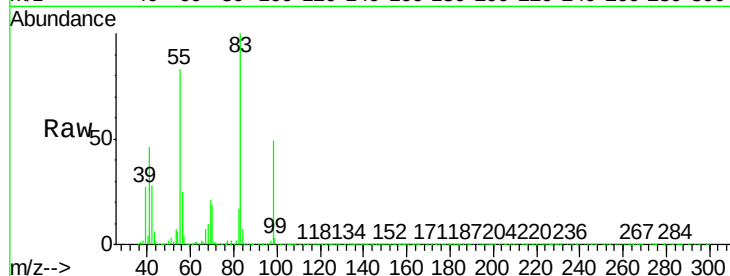
#39
Methylvlcyclohexane
Concen: 49.932 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.5	67.8	101.6
98	48.8	39.3	58.9

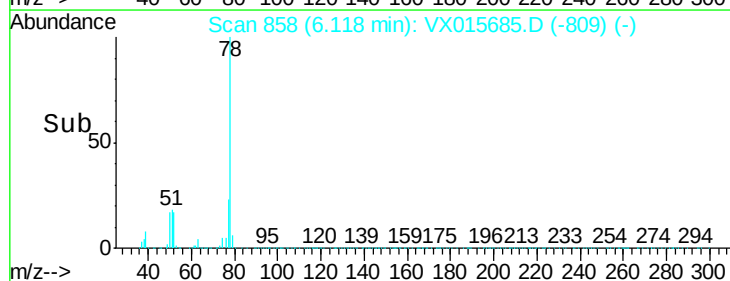
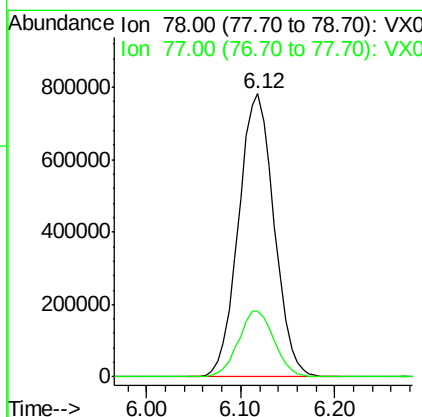
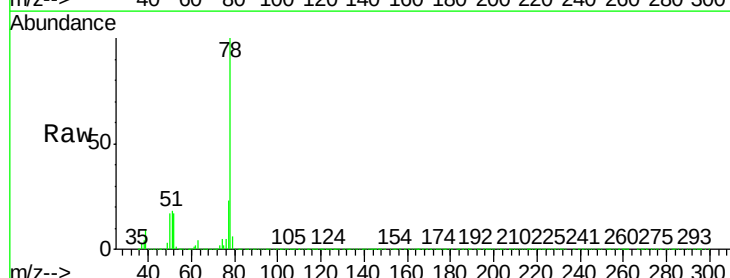
Manual Integrations
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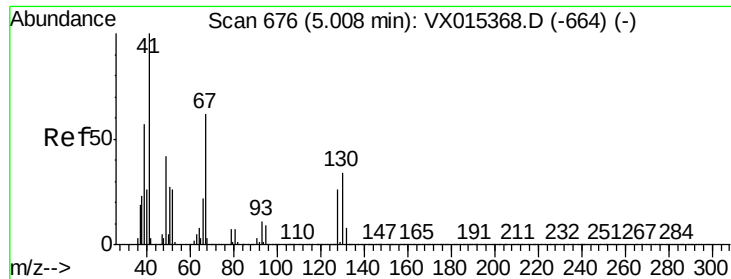
MMDadoda
4/16/2020 11:03:11 AM



#40
Benzene
Concen: 49.419 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.8	29.8





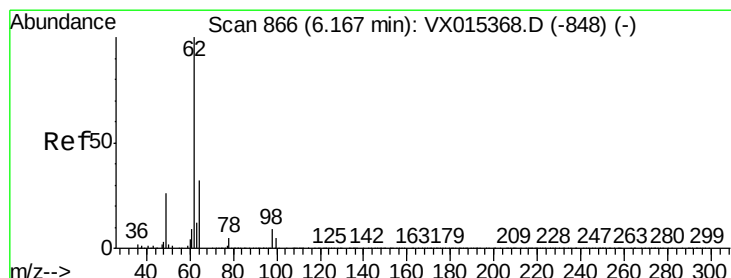
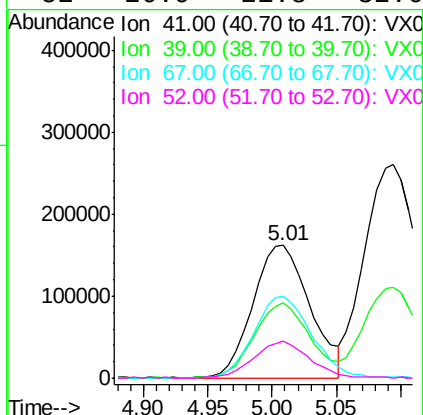
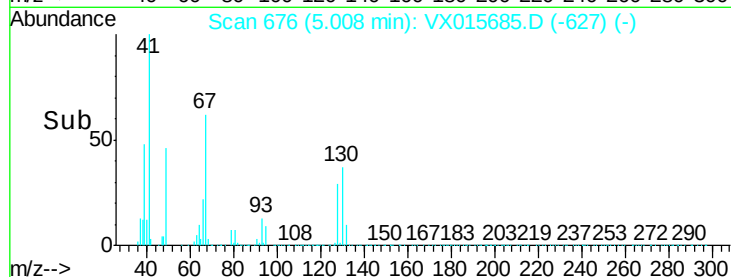
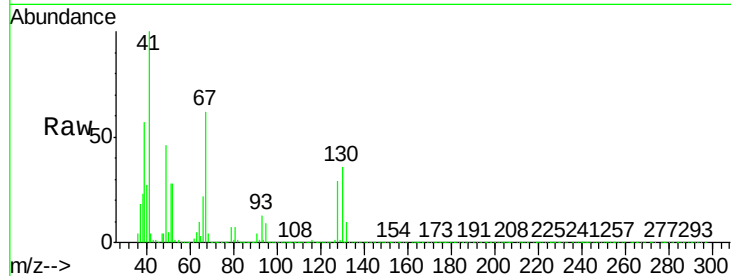
#41
Methacrylonitrile
Concen: 48.086 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		495823		
39	55.1	44.5	66.7		
67	62.4	48.9	73.3		
52	26.9	21.8	32.6		

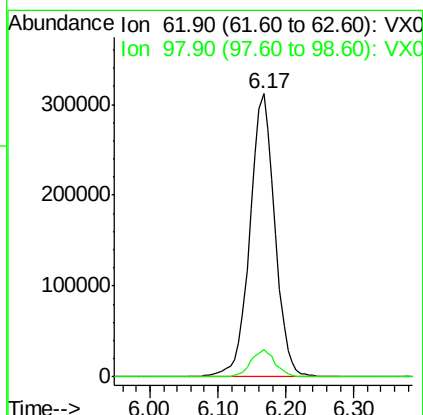
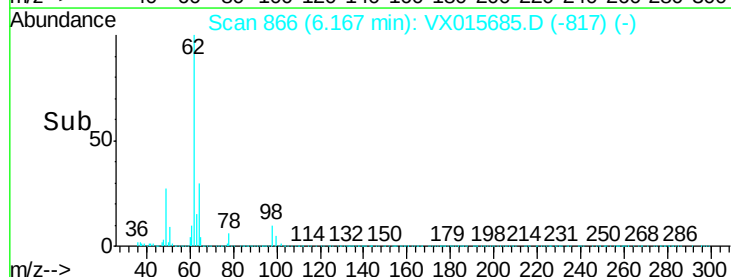
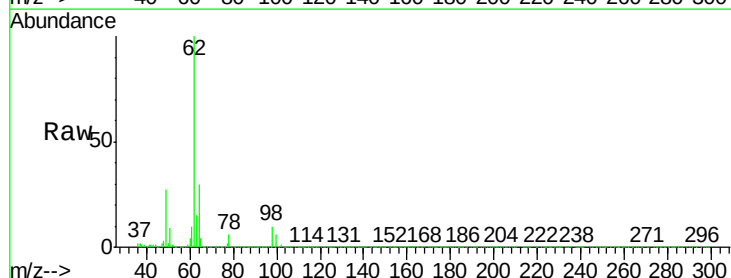
Manual Integrations
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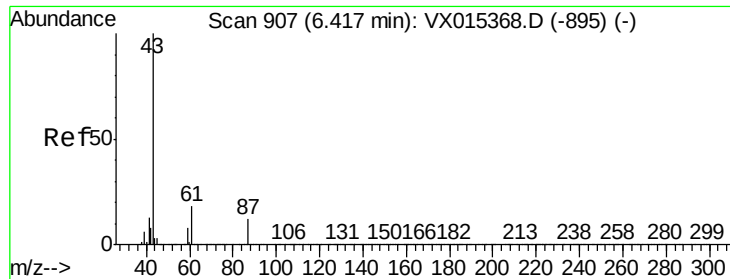
MMDadoda
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#42
1,2-Dichloroethane
Concen: 47.299 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		793915		
98	9.3	0.0	17.6		





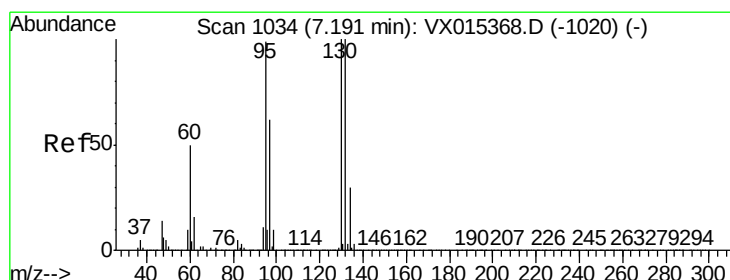
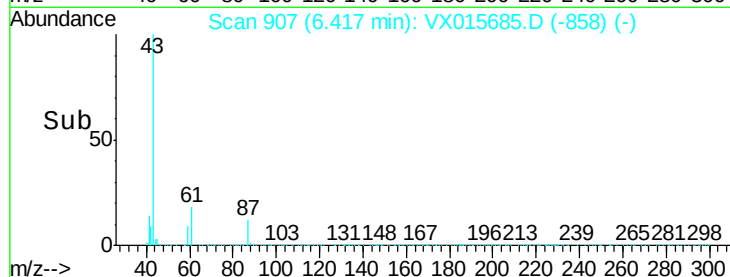
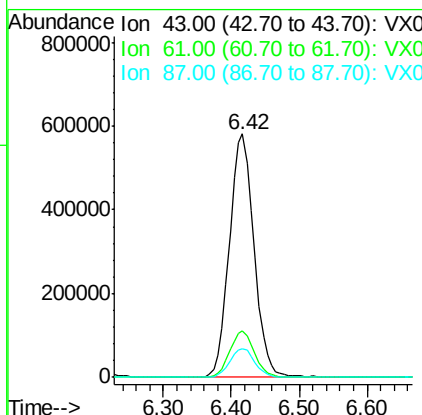
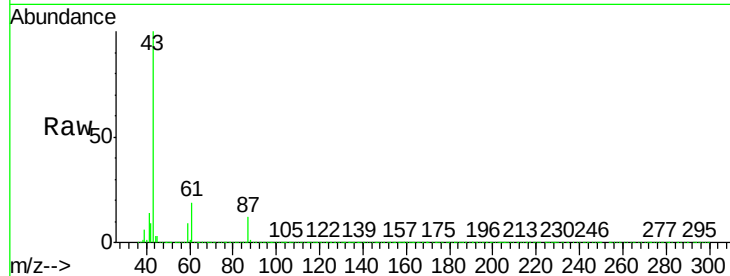
#43
Isopropyl Acetate
Concen: 46.243 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
61	19.0	14.8	22.2	
87	11.9	9.4	14.0	

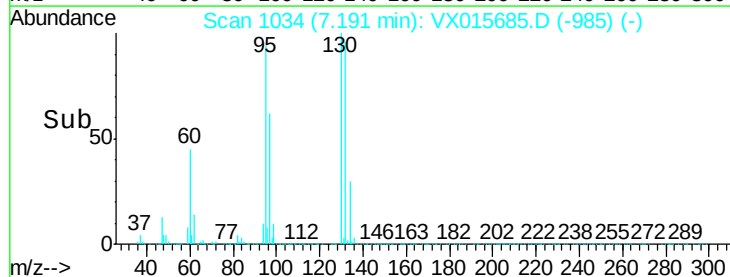
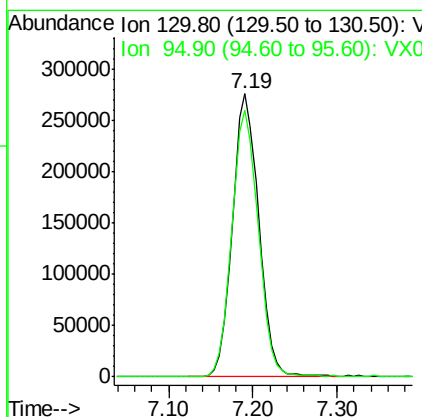
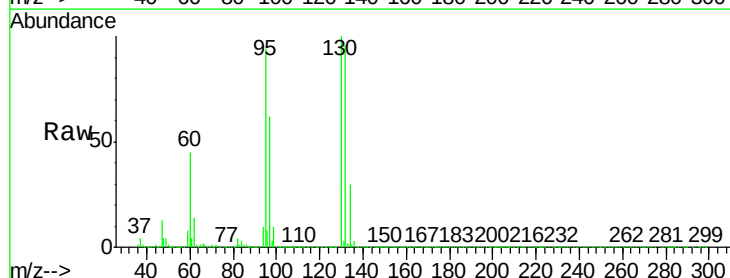
Manual Integrations
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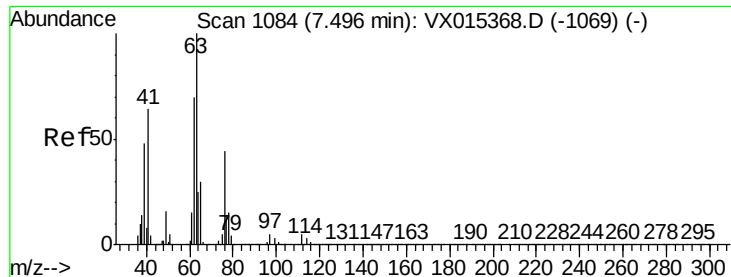
MMDadoda
4/16/2020 11:03:11 AM



#44
Trichloroethene
Concen: 51.055 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ion	Ratio	Lower	Upper
130	100			
95	94.0	0.0	199.0	





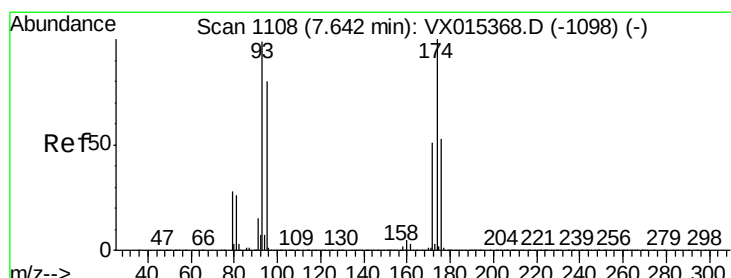
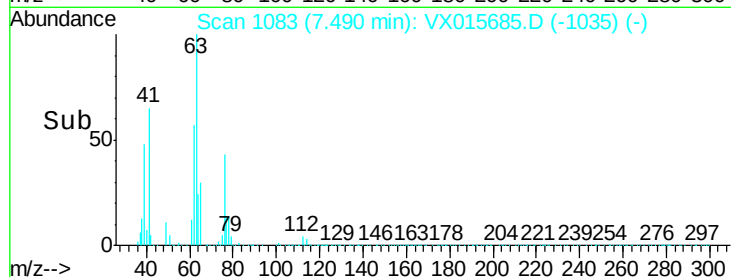
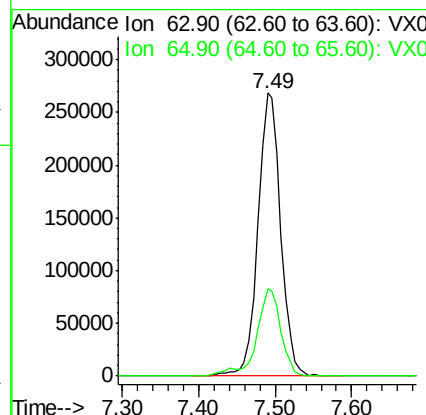
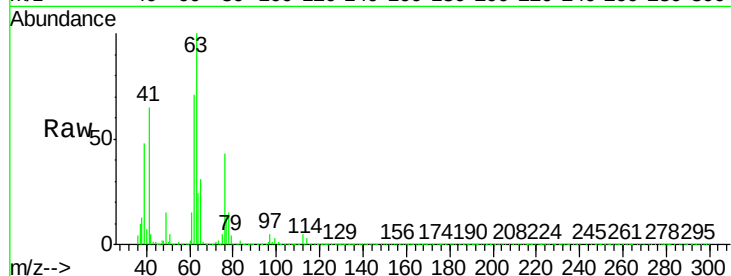
#45
 1,2-Dichloropropane
 Concen: 48.303 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	23.9	35.9

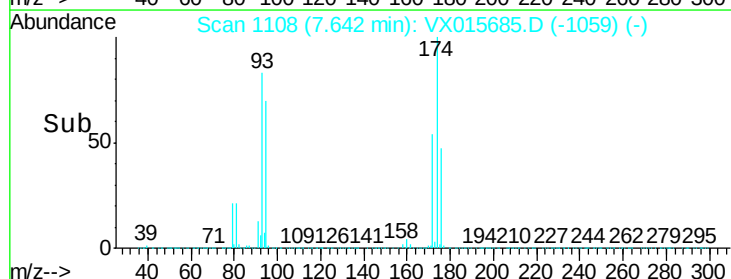
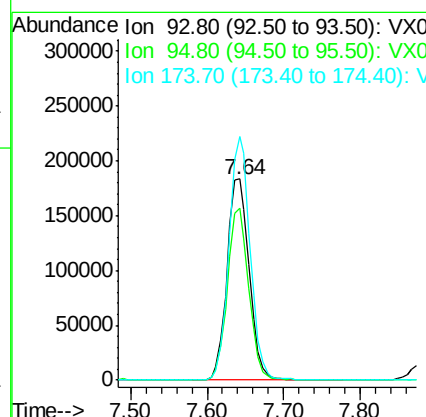
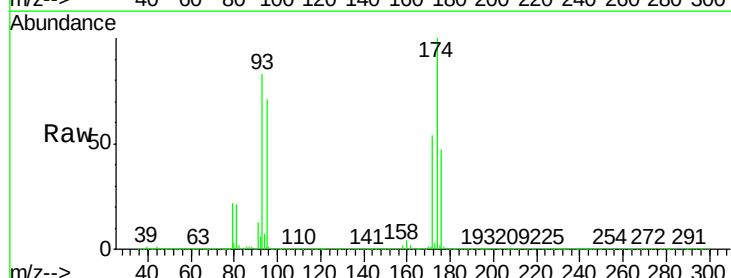
Manual Integrations
 APPROVED

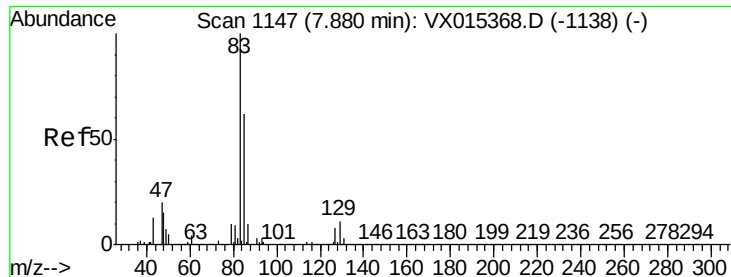
MMDadoda
 4/16/2020 11:03:11 AM



#46
 Dibromomethane
 Concen: 48.884 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.8	98.8
174	116.2	86.2	129.2





#47

Bromodichloromethane

Concen: 48.426 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

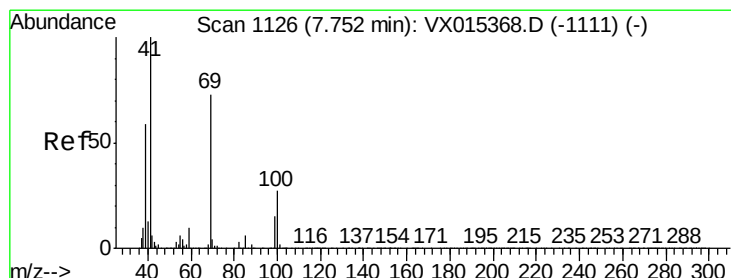
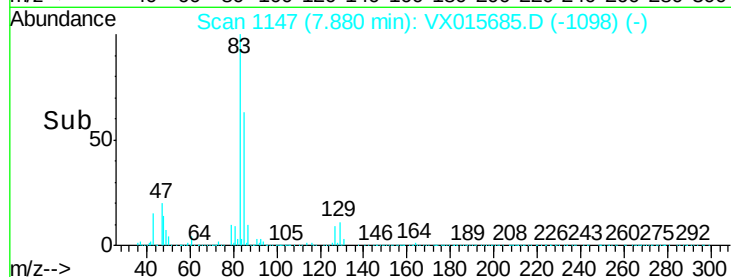
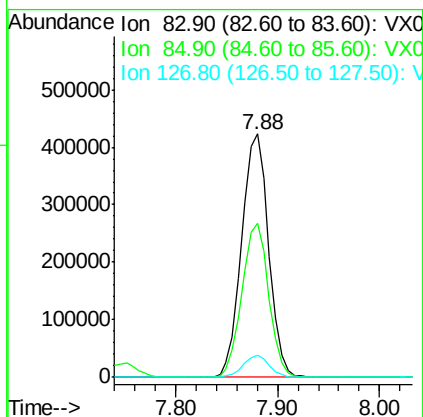
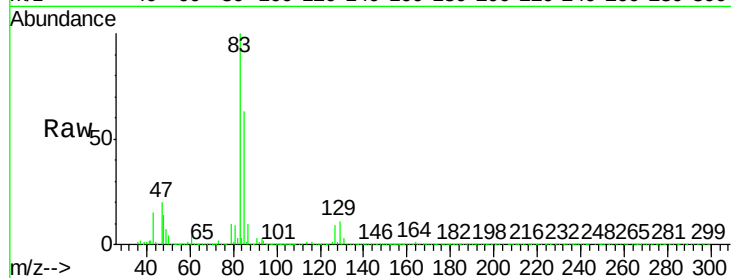
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	773756
Ion Ratio	Lower	Upper	
83	100		
85	63.4	49.7	74.5
127	8.9	6.7	10.1

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 46.400 ug/l

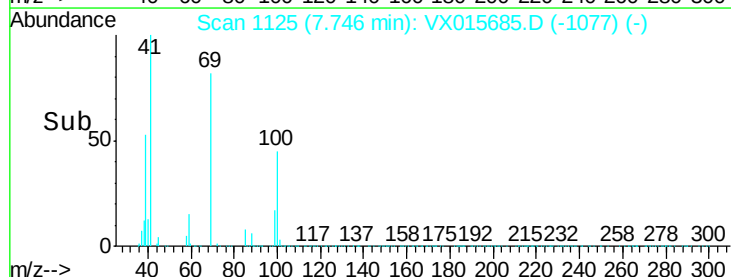
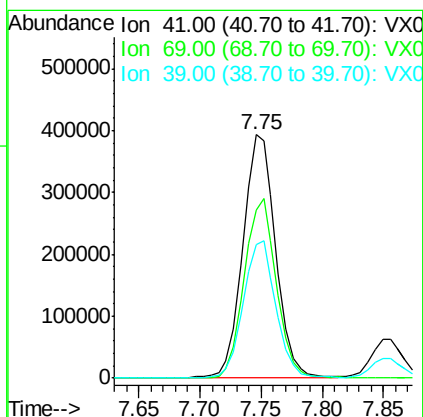
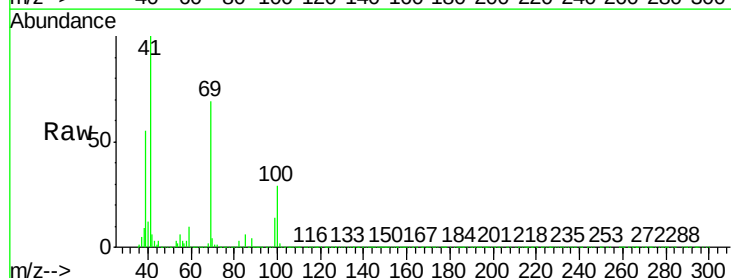
RT: 7.75 min Scan# 1125

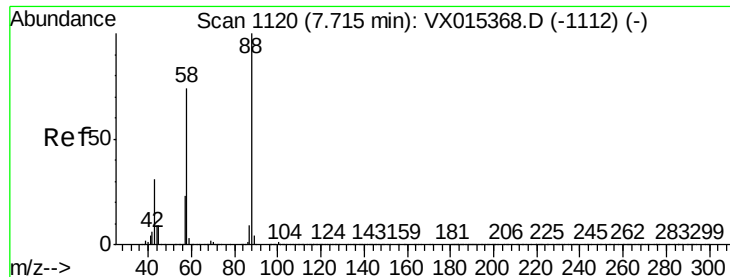
Delta R.T. -0.01 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Tgt Ion:	41	Resp:	726713
Ion Ratio	Lower	Upper	
41	100		
69	72.6	56.7	85.1
39	55.9	46.5	69.7





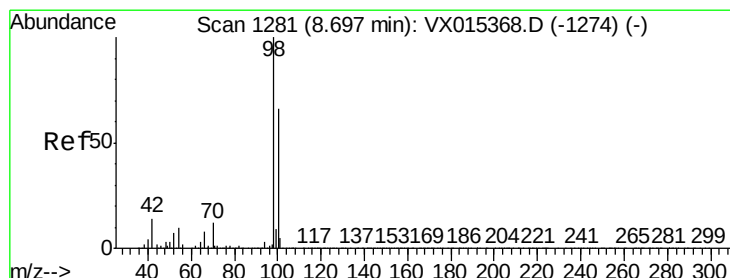
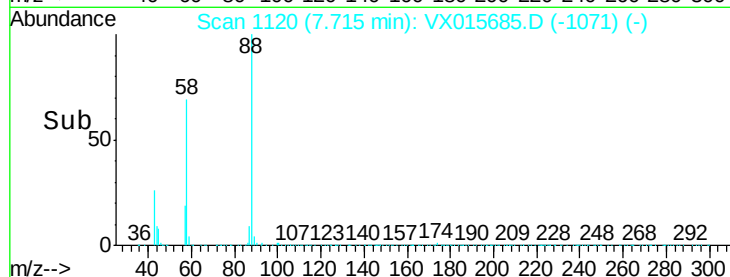
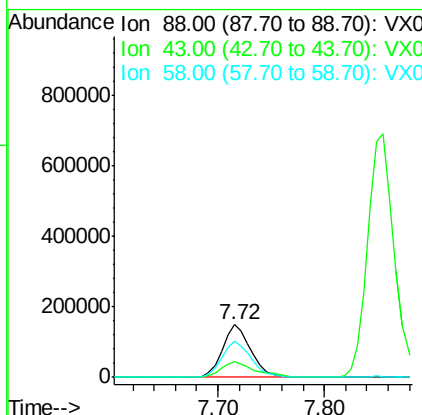
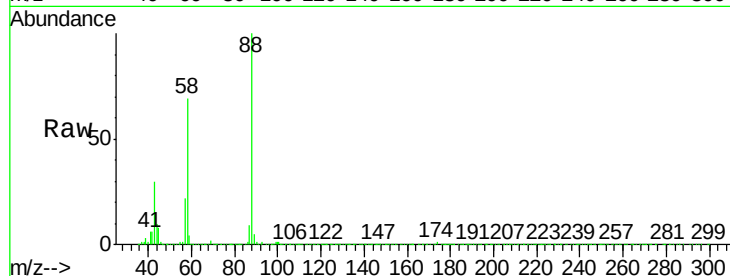
#49
1,4-Dioxane
Concen: 933.613 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	30.1	45.1
58	72.0	60.6	90.8

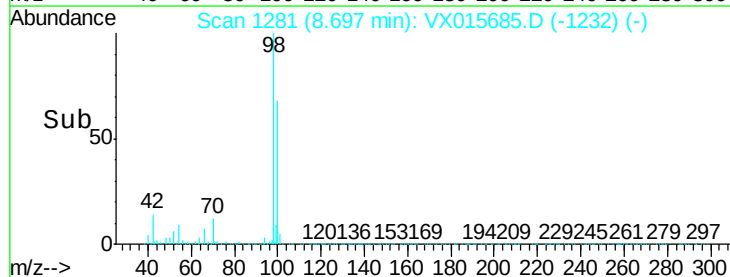
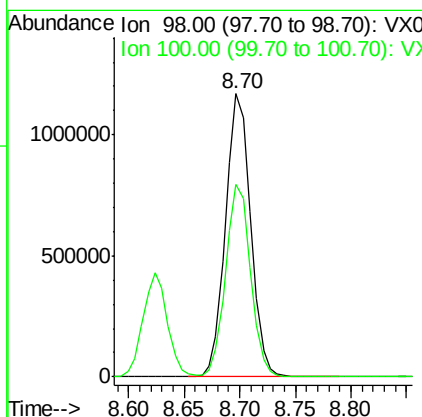
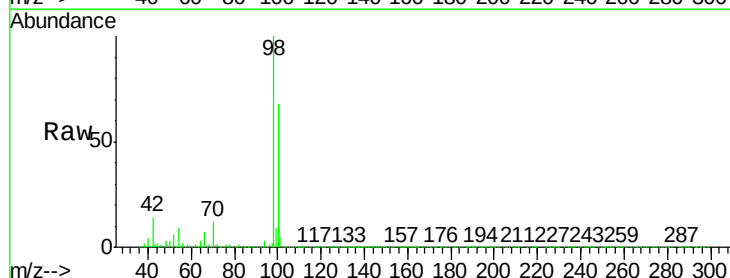
Manual Integrations
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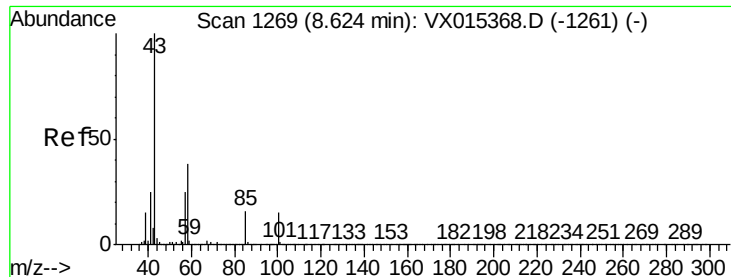
MMDadoda
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#50
Toluene-d8
Concen: 50.296 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.5	80.3





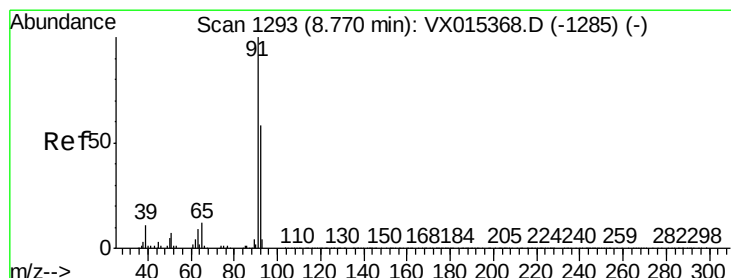
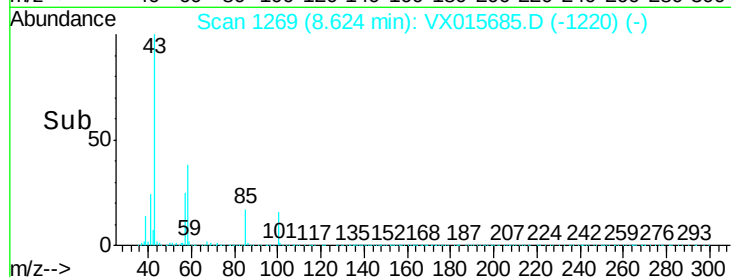
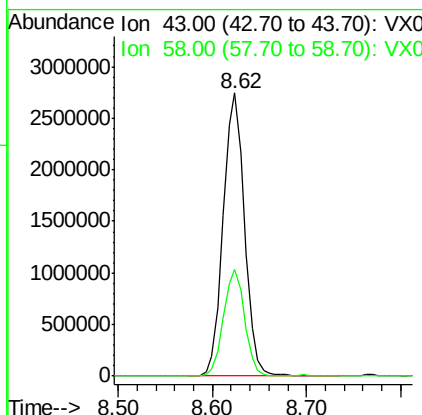
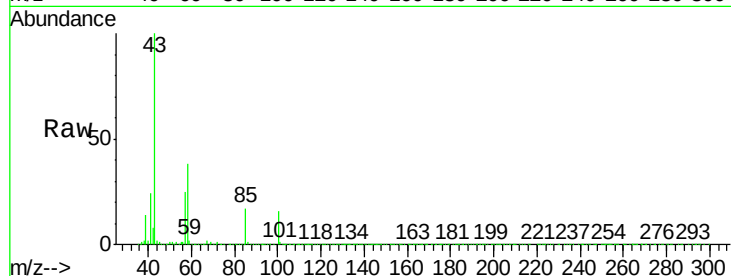
#51
4-Methyl-2-Pentanone
Concen: 242.031 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 4300886
Ion Ratio Lower Upper
43 100
58 37.2 29.7 44.5

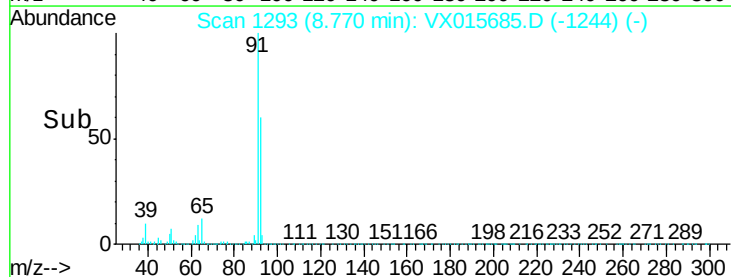
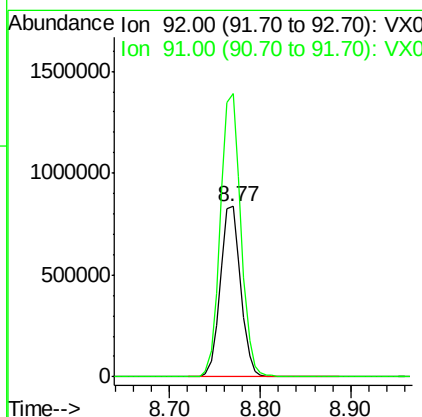
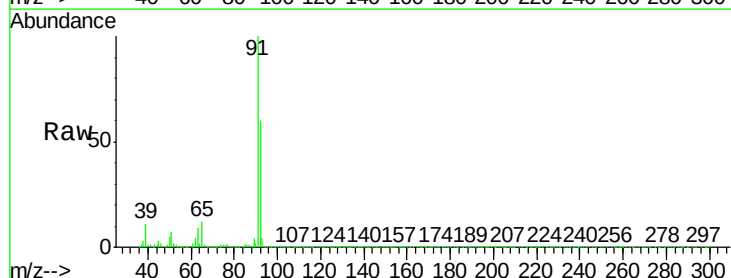
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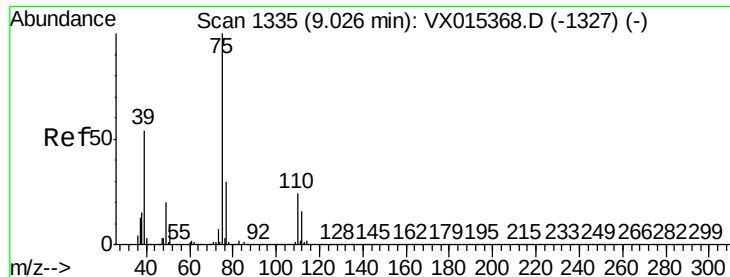
MMDadoda
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#52
Toluene
Concen: 50.858 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 92 Resp: 1310254
Ion Ratio Lower Upper
92 100
91 166.9 136.6 205.0





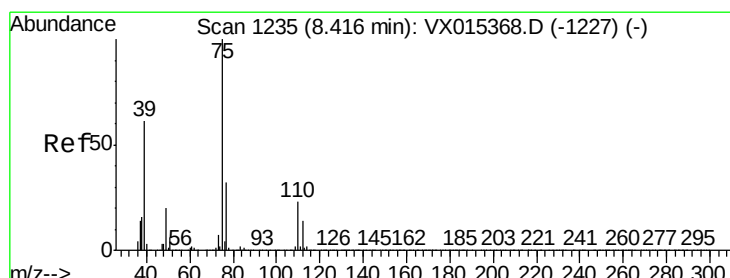
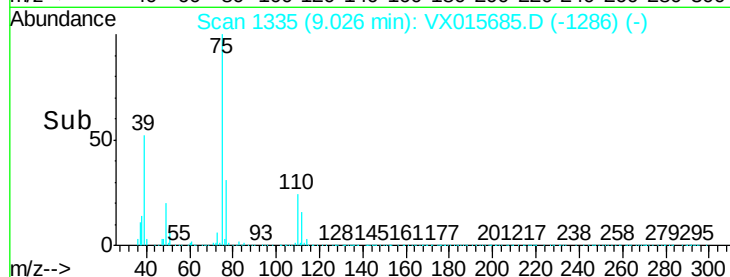
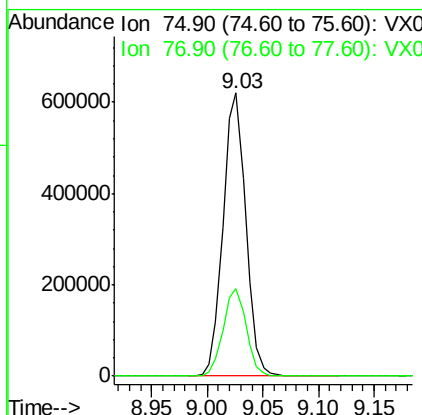
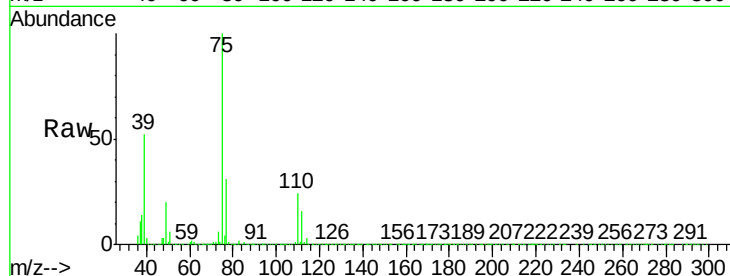
#53
t-1,3-Dichloropropene
Concen: 46.888 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.1	36.1

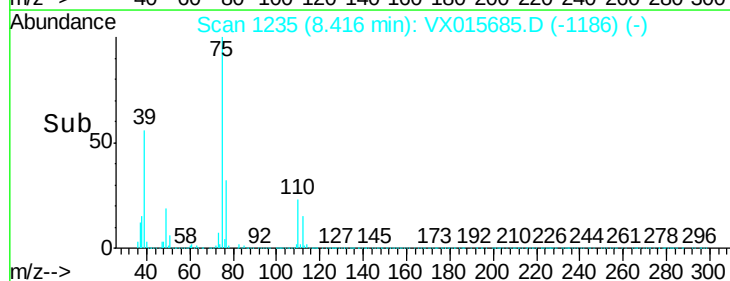
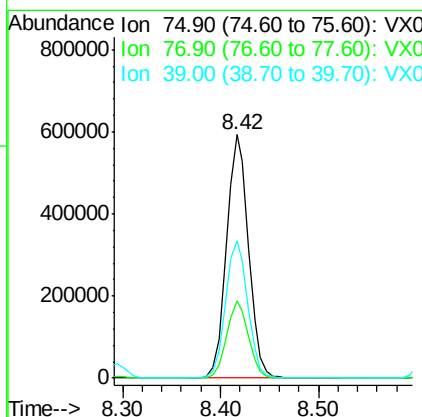
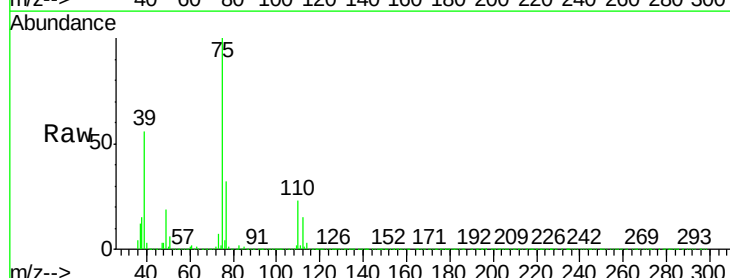
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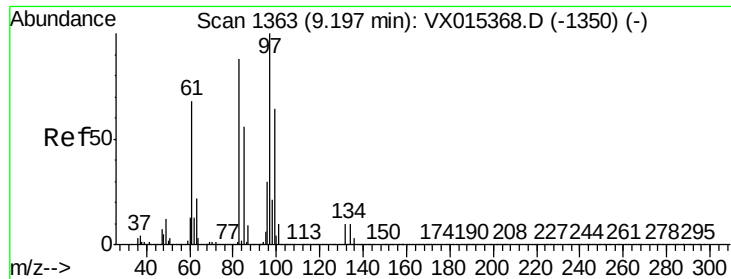
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 48.078 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.6
39	56.4	49.0	73.4





#55

1,1,2-Trichloroethane

Concen: 50.935 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

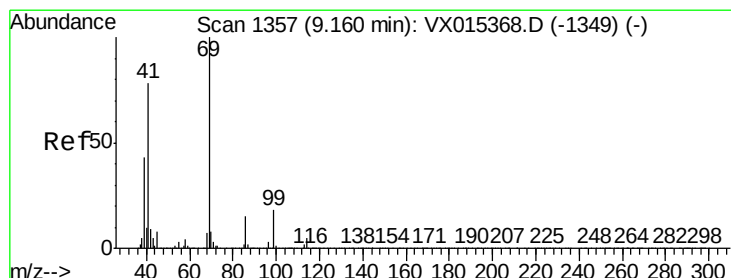
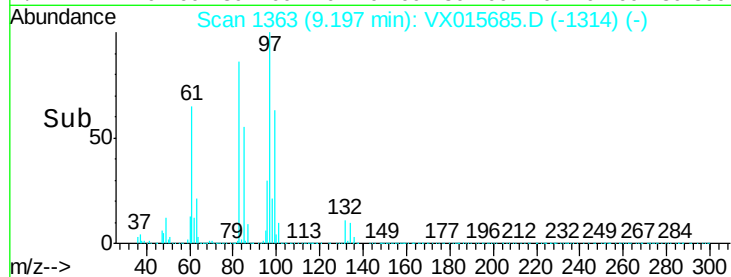
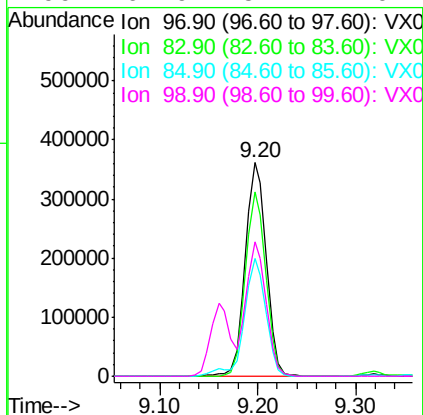
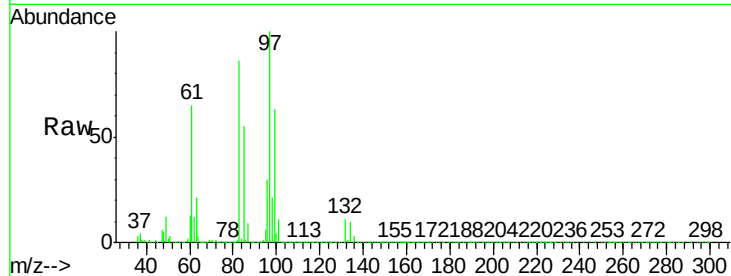
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	537630
Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.2	105.4
85	54.8	44.7	67.1
99	62.9	51.1	76.7

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#56

Ethyl methacrylate

Concen: 47.966 ug/l

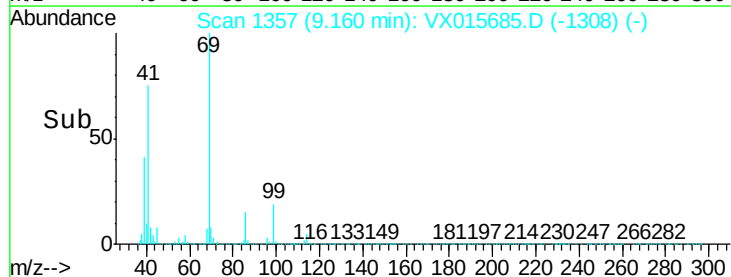
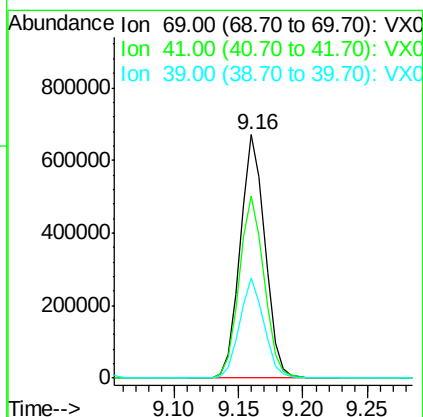
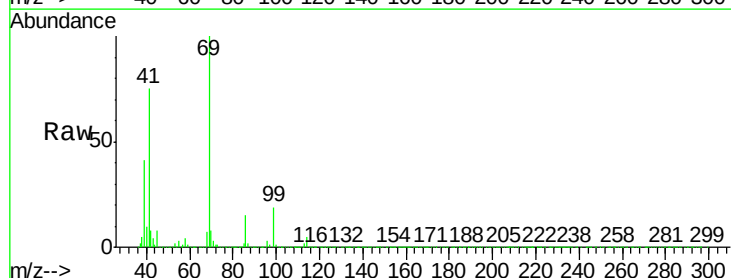
RT: 9.16 min Scan# 1357

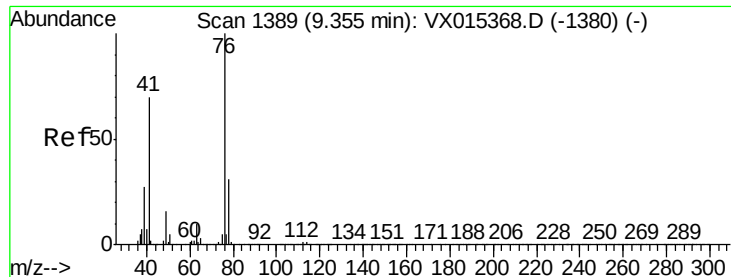
Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Tgt Ion:	69	Resp:	892269
Ion	Ratio	Lower	Upper
69	100		
41	74.9	61.6	92.4
39	40.2	34.0	51.0





#57

1,3-Dichloropropane

Concen: 48.690 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 925936

Ion Ratio Lower Upper

76 100

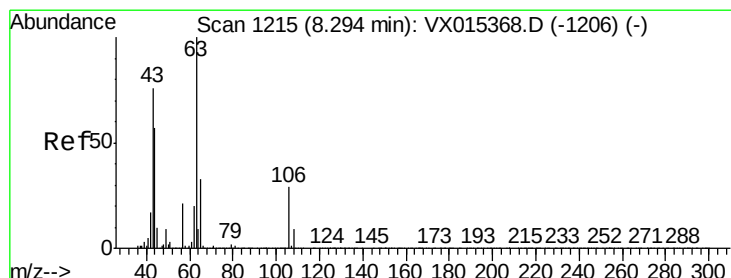
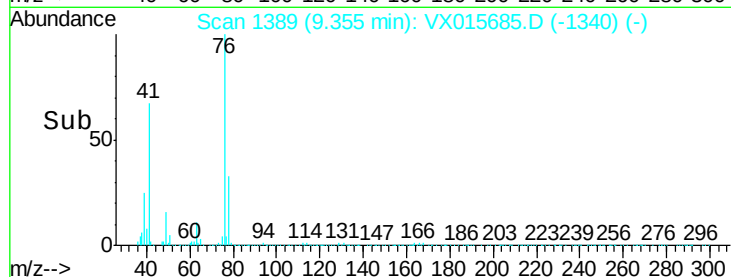
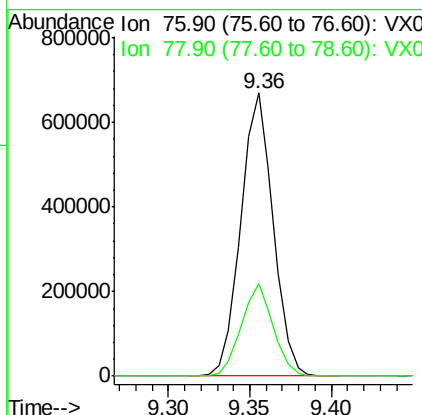
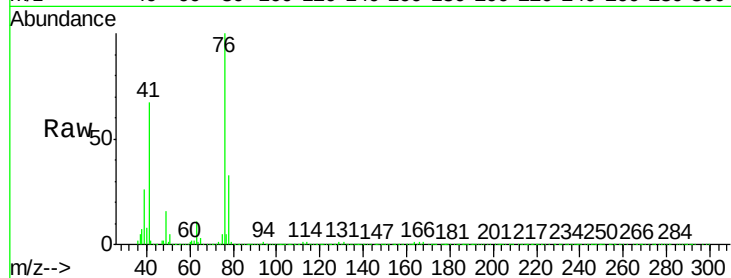
78 31.9 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 249.048 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015685.D

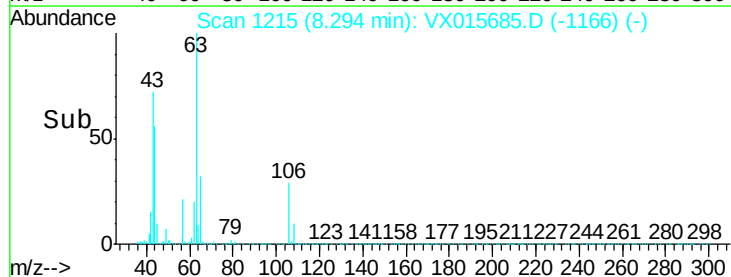
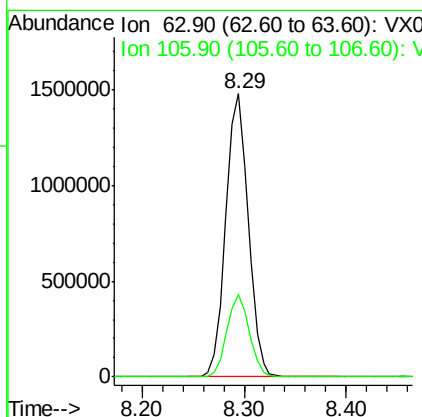
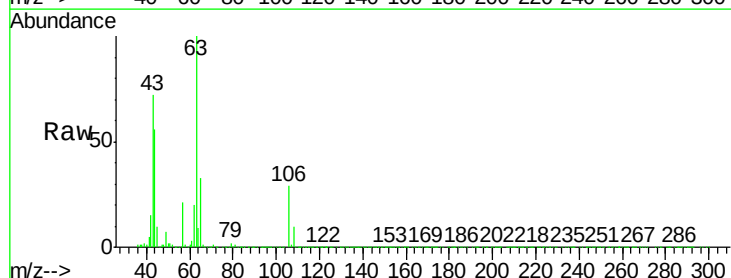
Acq: 15 Apr 2020 16:00

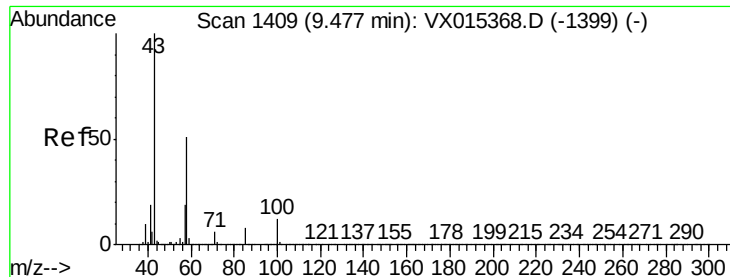
Tgt Ion: 63 Resp: 2253433

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1





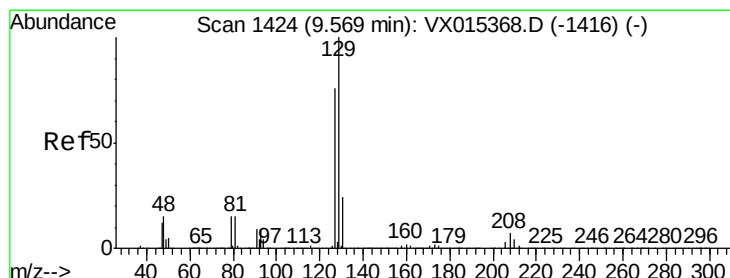
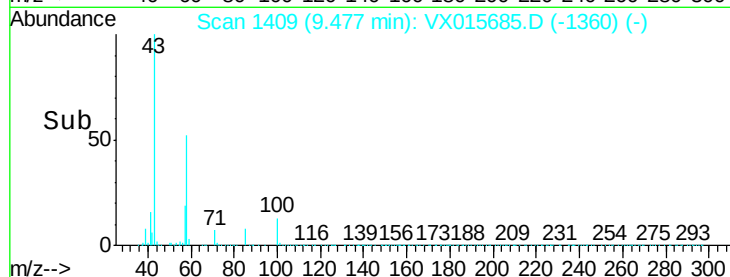
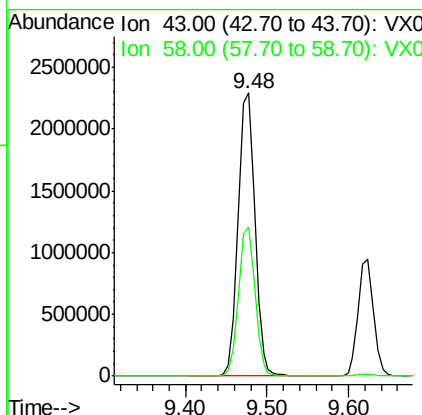
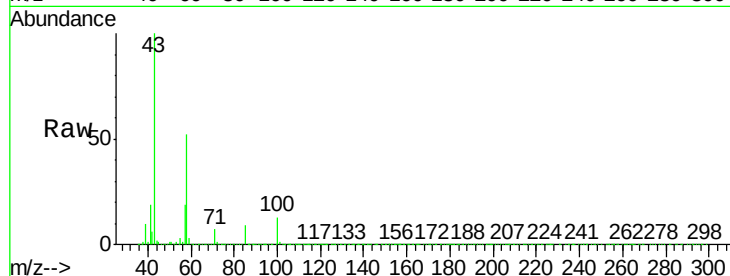
#59
2-Hexanone
Concen: 240.842 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 3231120
Ion Ratio Lower Upper
43 100
58 52.1 25.6 76.6

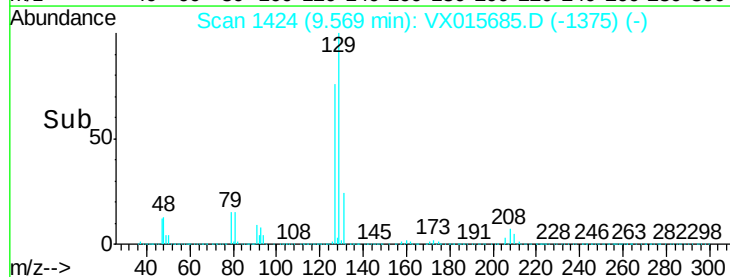
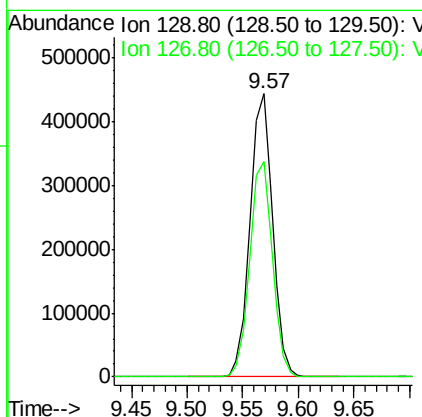
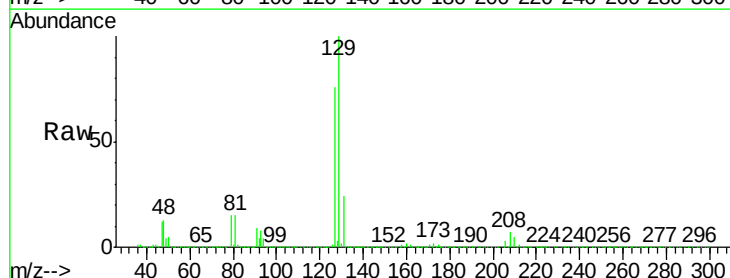
Manual Integrations
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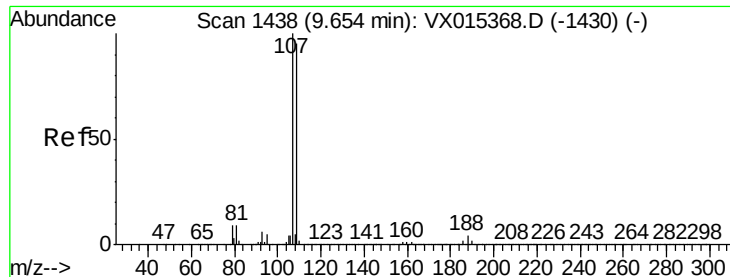
MMDadoda
4/16/2020 11:03:11 AM



#60
Dibromochloromethane
Concen: 49.516 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 129 Resp: 628029
Ion Ratio Lower Upper
129 100
127 76.5 38.2 114.6





#61

1,2-Dibromoethane

Concen: 49.997 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 573823

Ion Ratio Lower Upper

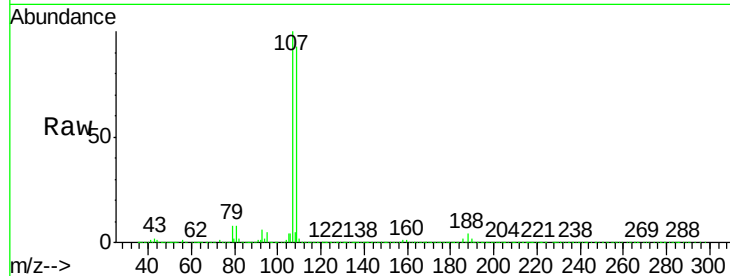
107 100

109 92.5 74.8 112.2

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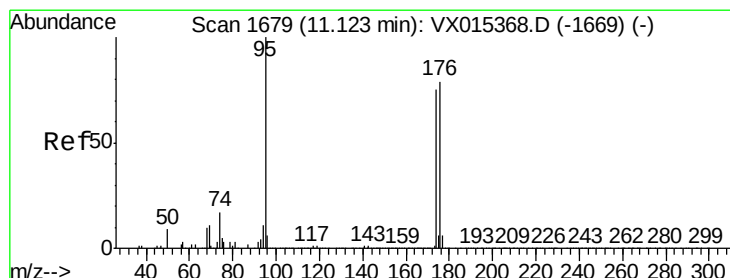
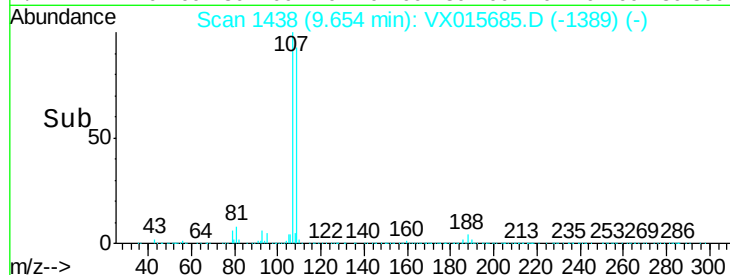
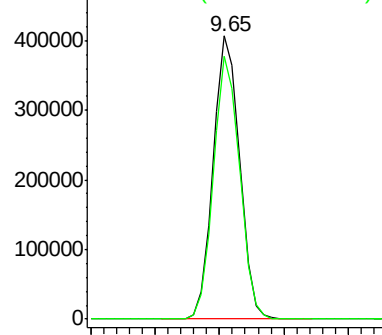
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.500 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

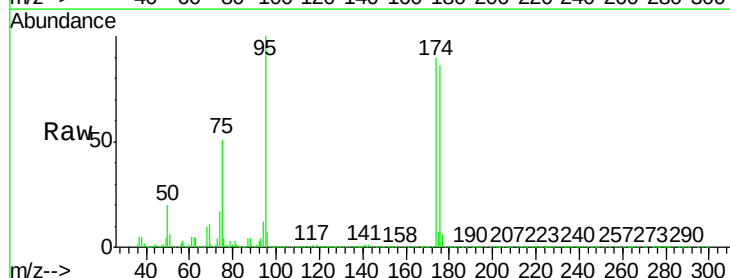
Tgt Ion: 95 Resp: 733012

Ion Ratio Lower Upper

95 100

174 89.8 0.0 158.6

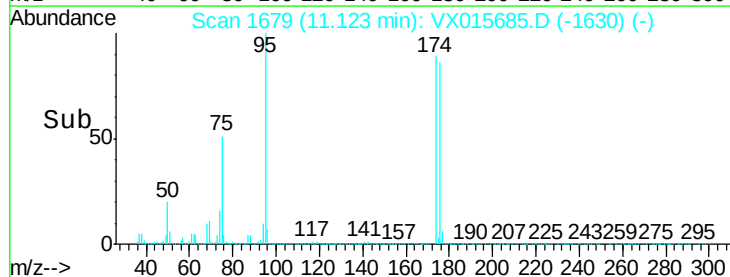
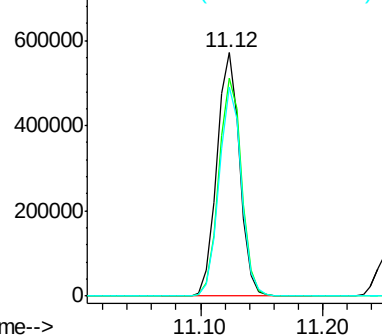
176 85.1 0.0 159.0

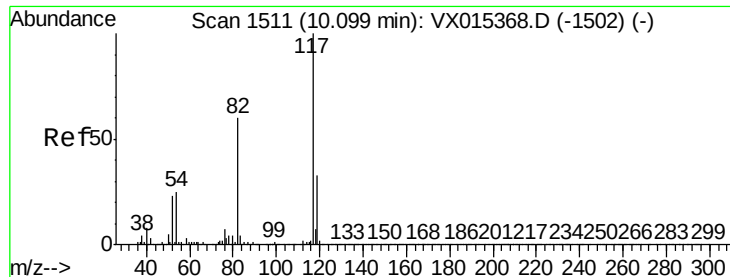


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





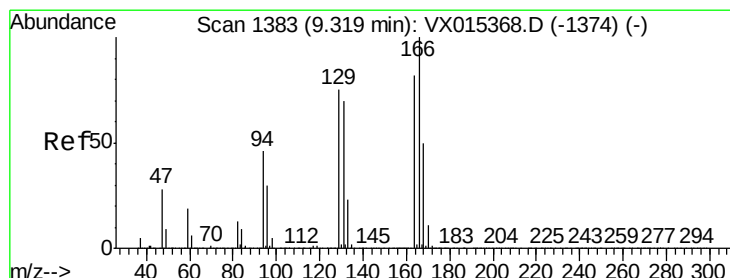
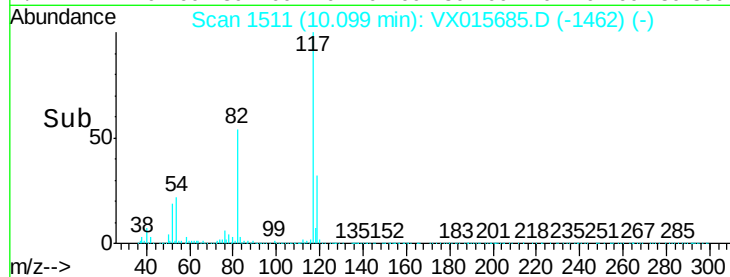
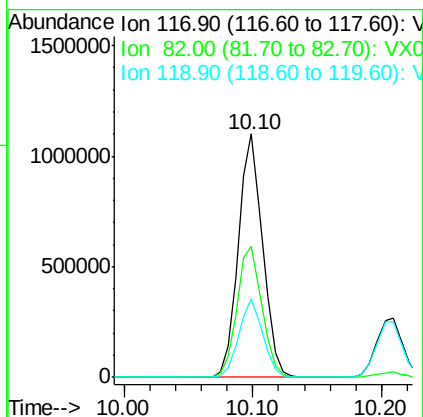
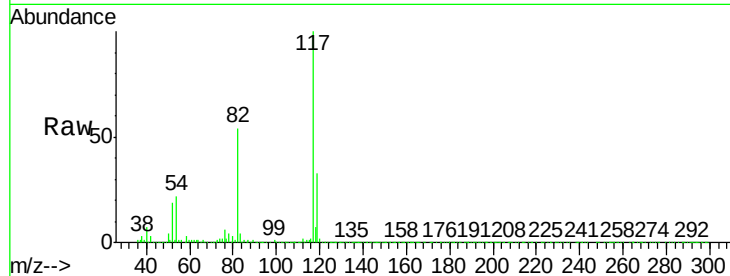
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	47.8	71.8
119	32.5	26.8	40.2

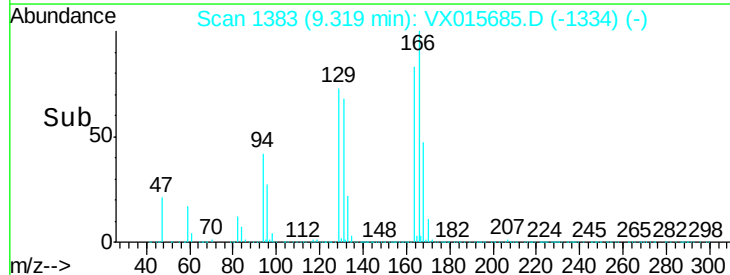
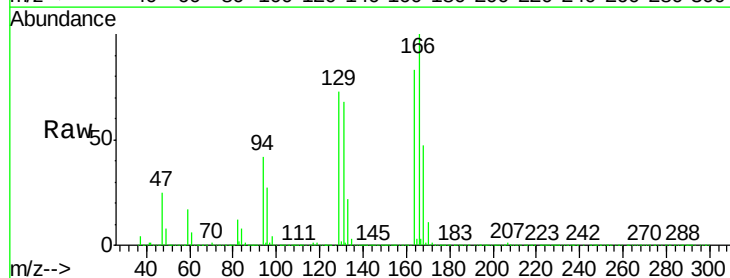
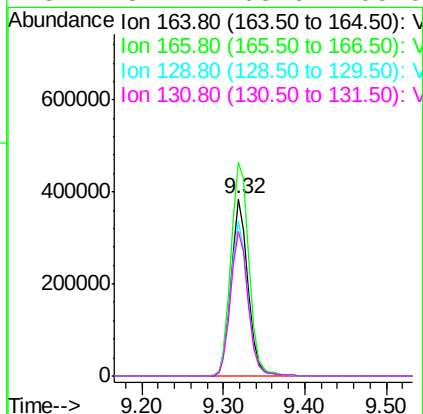
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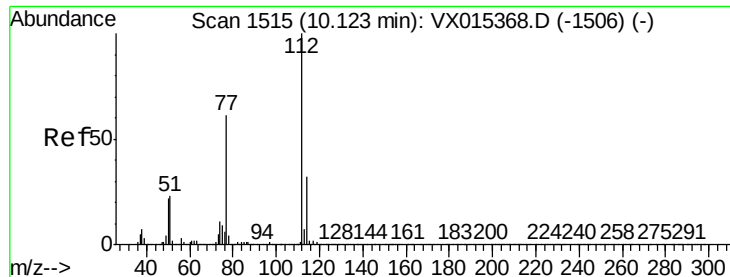
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#64
Tetrachloroethene
Concen: 49.512 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.9	97.8	146.6
129	88.0	73.0	109.4
131	82.2	68.6	103.0





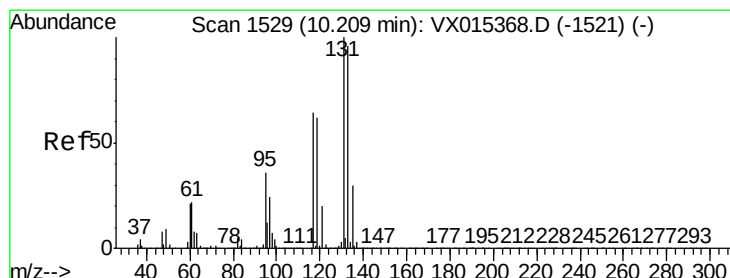
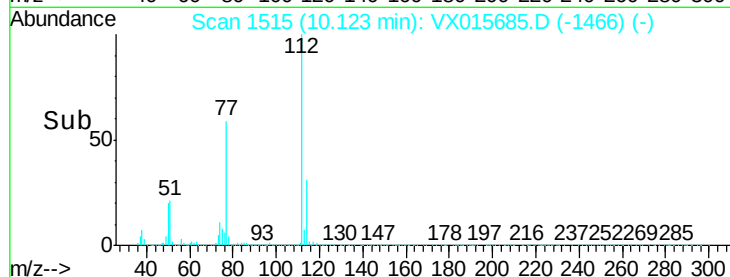
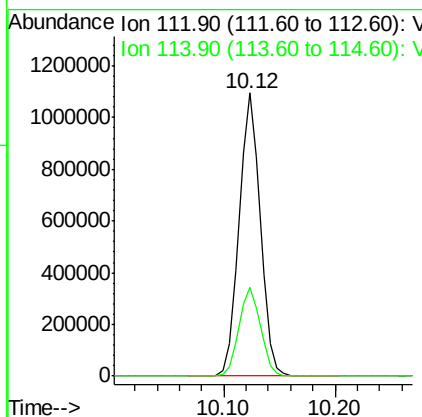
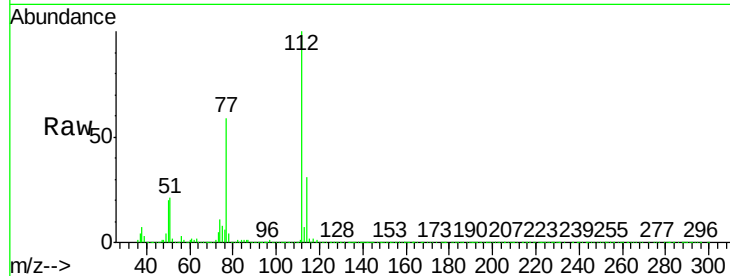
#65
Chlorobenzene
Concen: 50.257 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1439463
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3

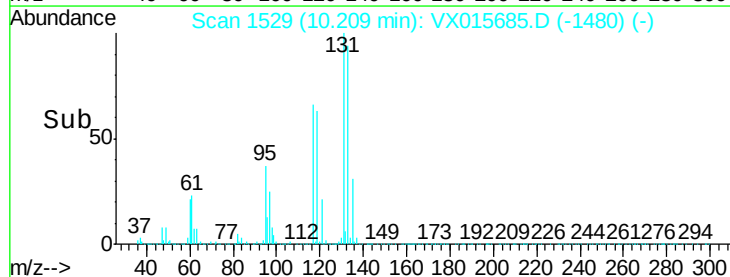
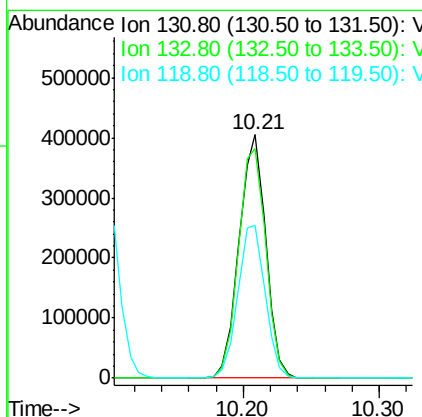
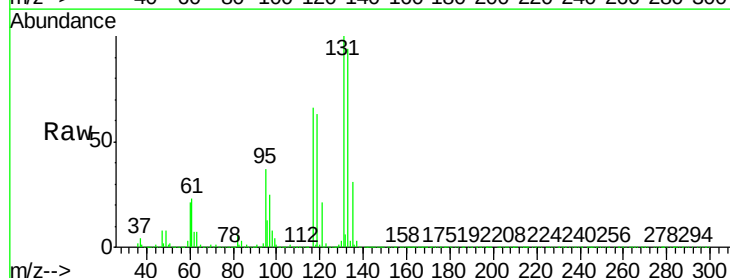
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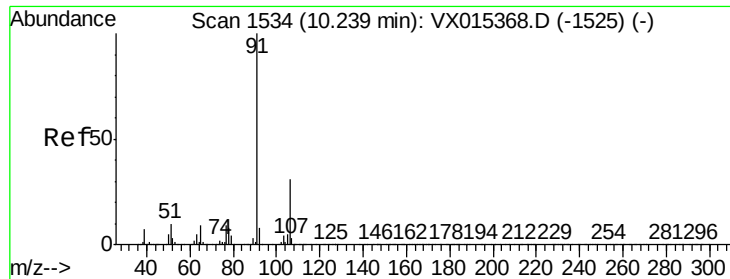
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.293 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion:131 Resp: 552596
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.9
119 64.3 31.1 93.3





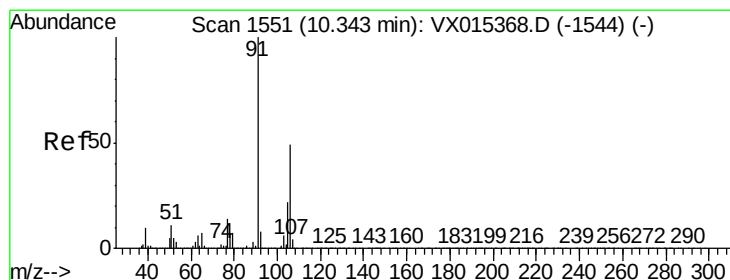
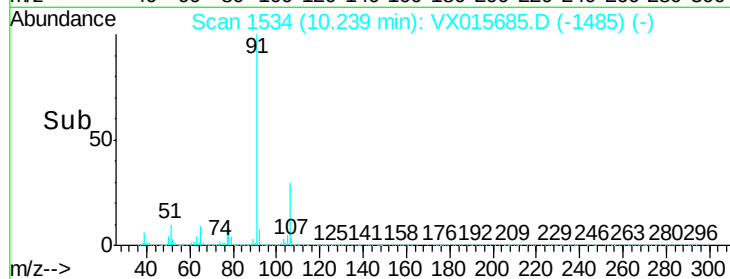
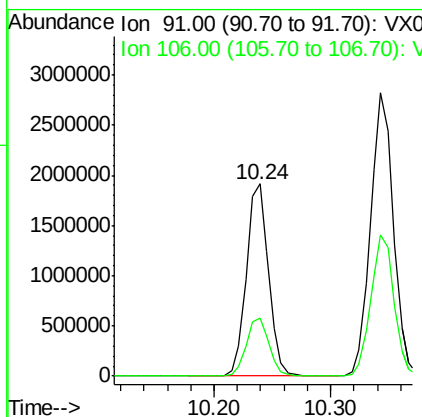
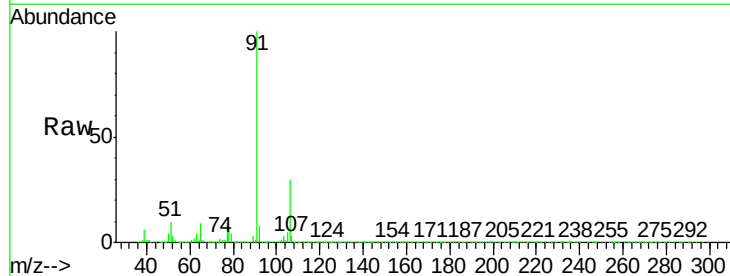
#67
Ethyl Benzene
Concen: 50.076 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2543826
Ion Ratio Lower Upper
91 100
106 30.4 24.8 37.2

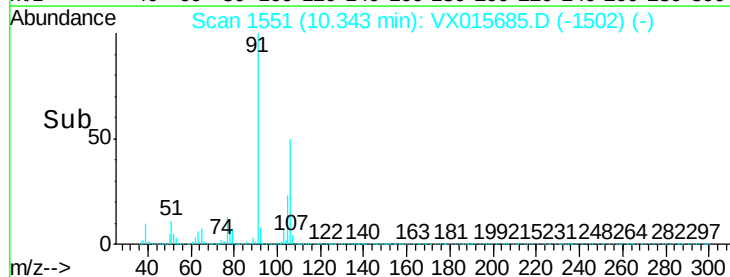
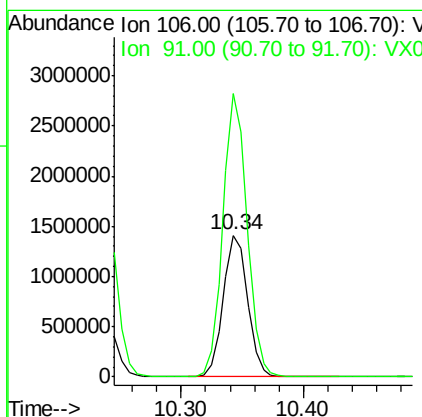
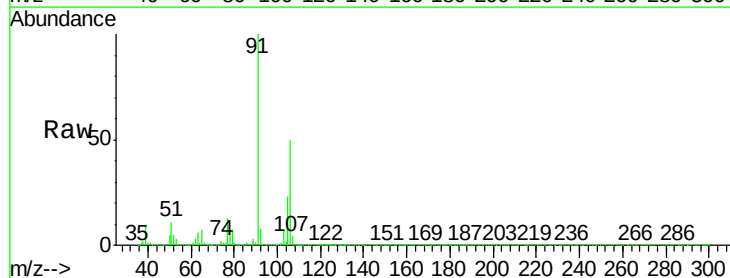
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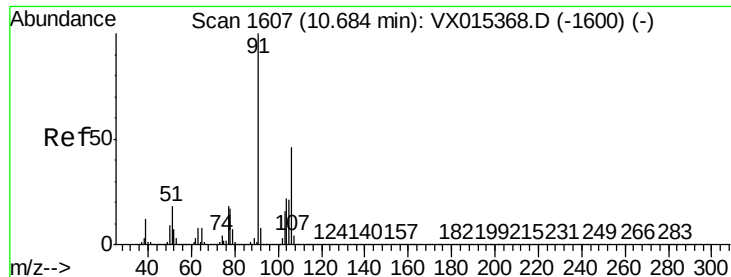
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#68
m/p-Xylenes
Concen: 102.843 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 106 Resp: 1945365
Ion Ratio Lower Upper
106 100
91 198.1 163.4 245.0





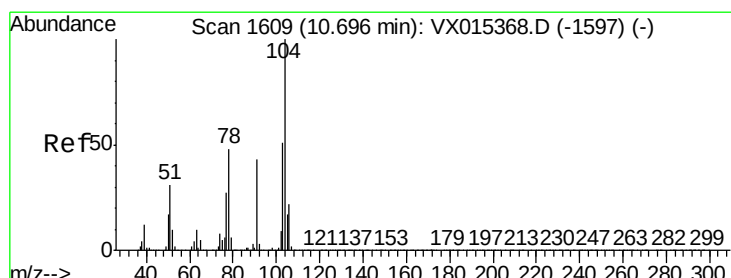
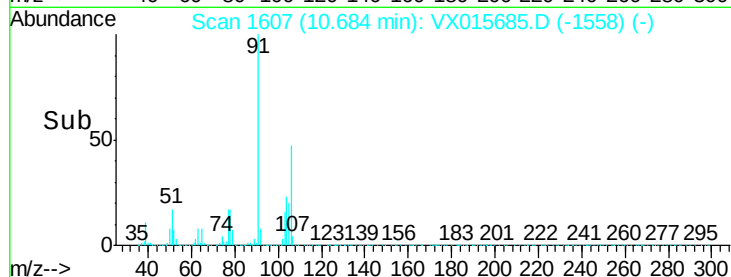
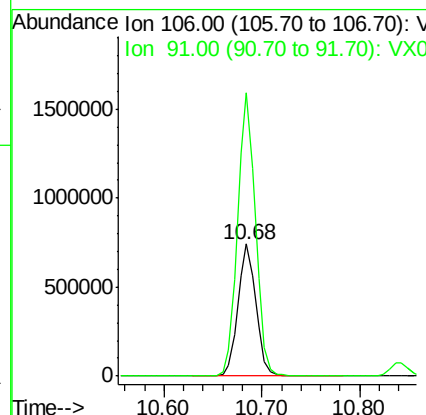
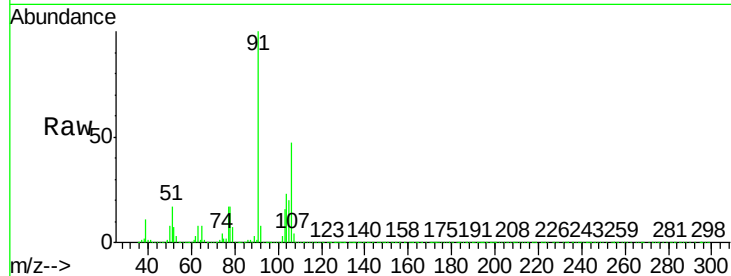
#69
o-Xylene
Concen: 50.326 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 940702
Ion Ratio Lower Upper
106 100
91 214.2 107.1 321.3

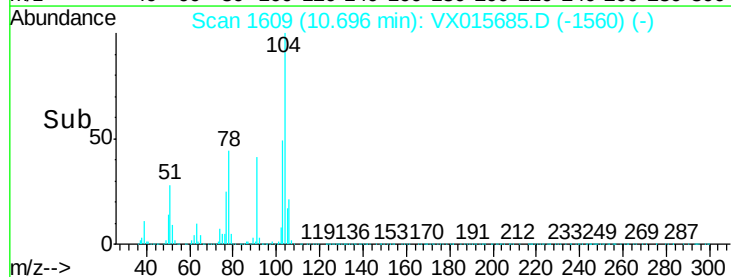
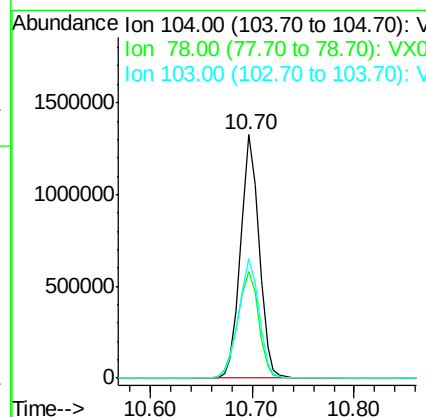
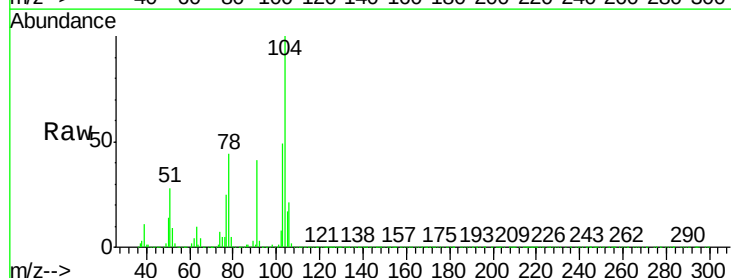
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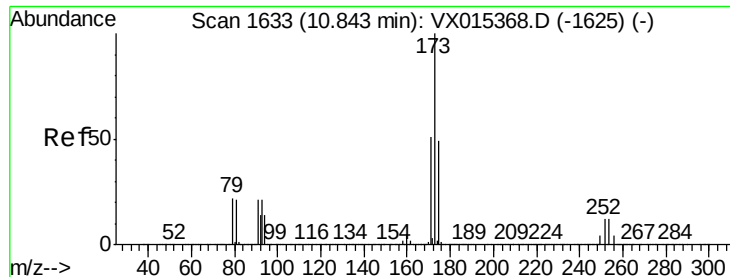
MMDadoda
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#70
Styrene
Concen: 50.248 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion:104 Resp: 1652751
Ion Ratio Lower Upper
104 100
78 50.2 42.0 63.0
103 54.0 43.4 65.0





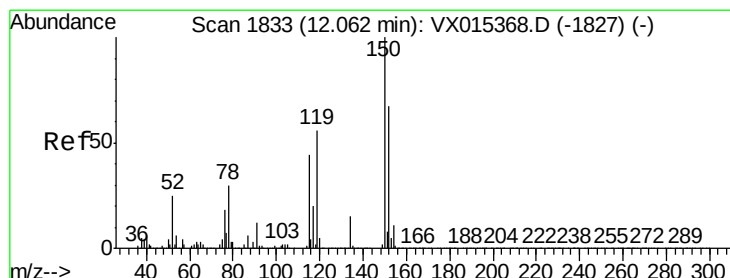
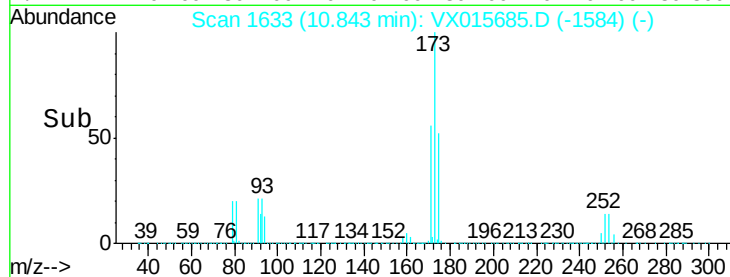
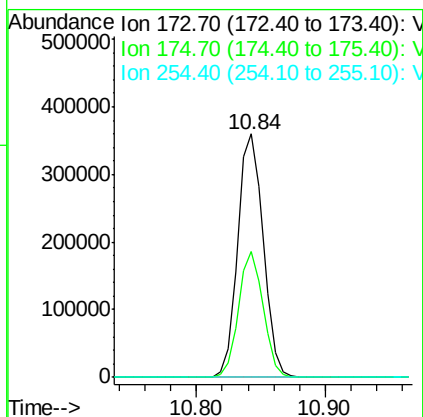
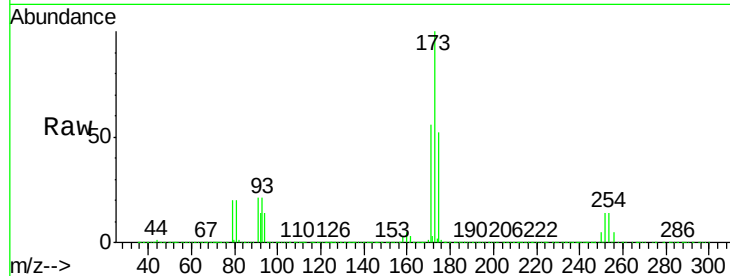
#71
Bromoform
Concen: 47.401 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
173	100	493755		
175	49.9	23.9	71.7	
254	0.2	0.1	0.1#	

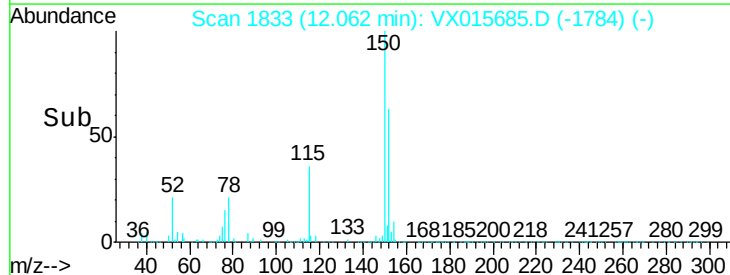
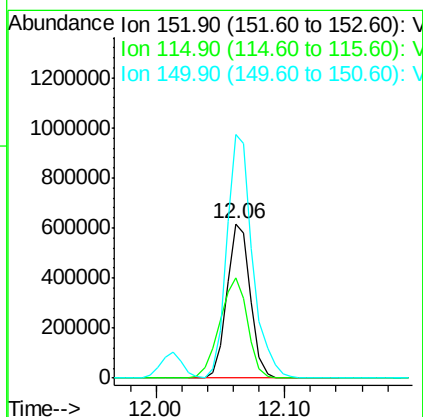
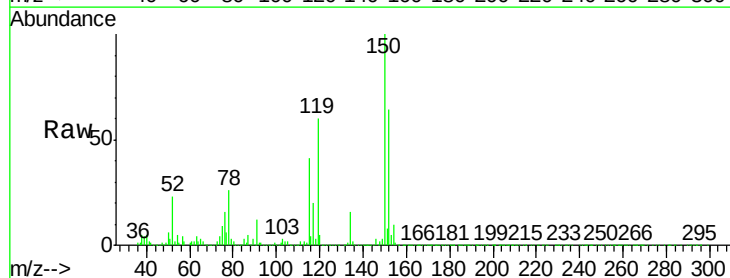
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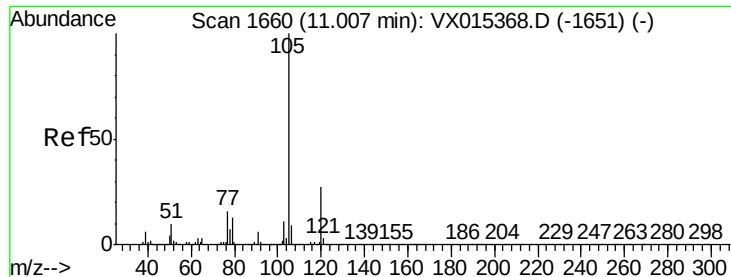
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	785334		
115	77.4	39.0	116.9	
150	172.7	0.0	340.8	





#73

Isopropylbenzene

Concen: 49.122 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2527669

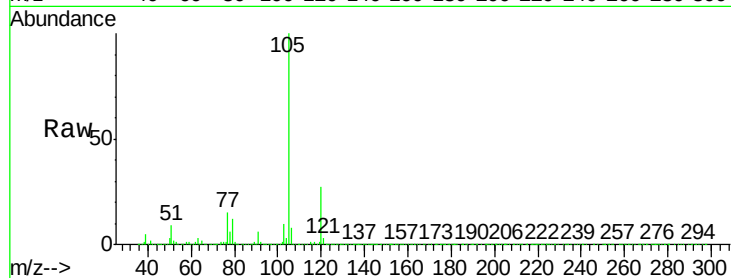
Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

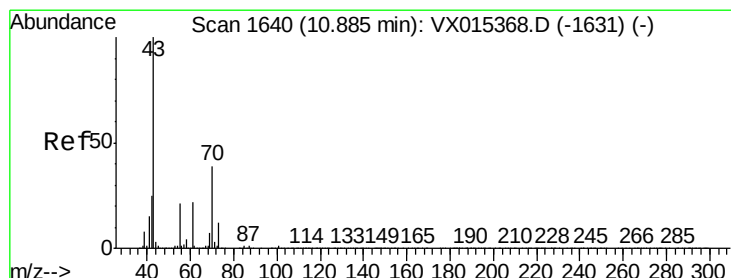
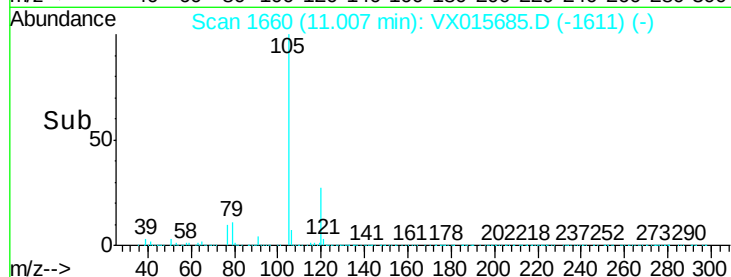
1500000

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 43.279 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Tgt Ion: 43 Resp: 1238603

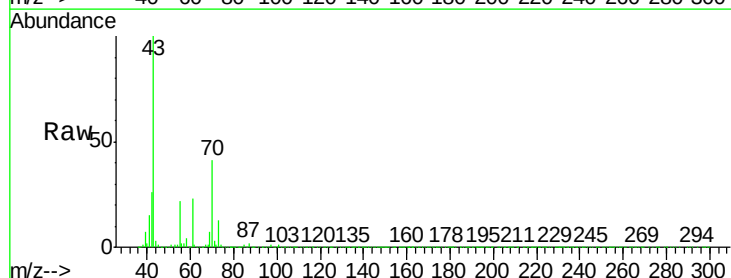
Ion Ratio Lower Upper

43 100

70 39.8 30.2 45.4

55 22.3 16.8 25.2

61 23.0 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

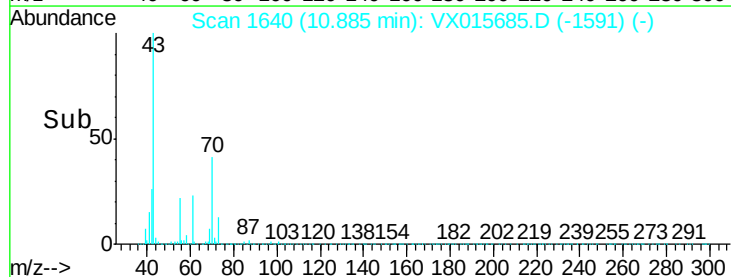
1500000

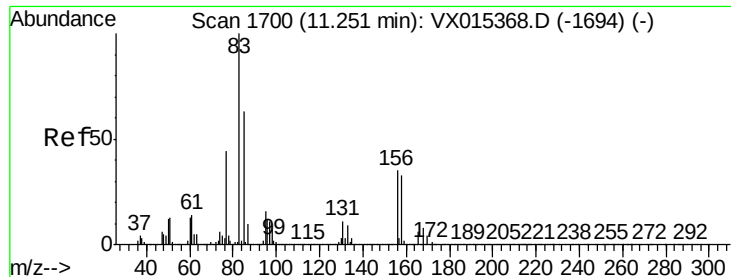
1000000

500000

0

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 46.387 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

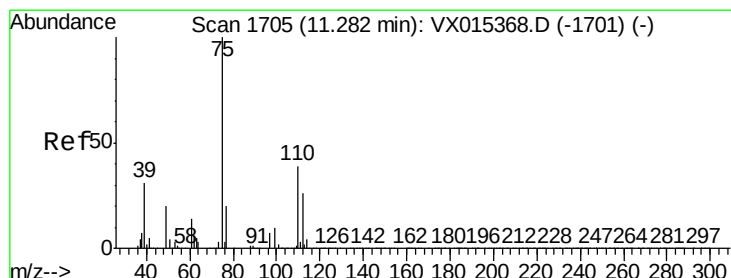
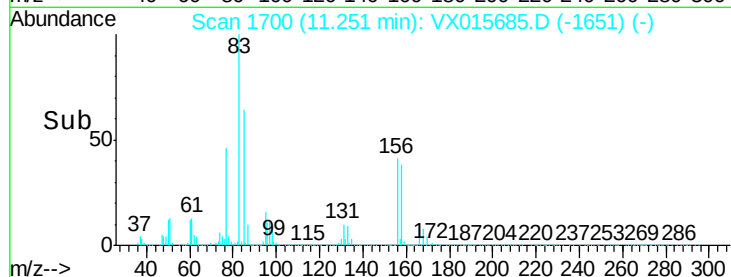
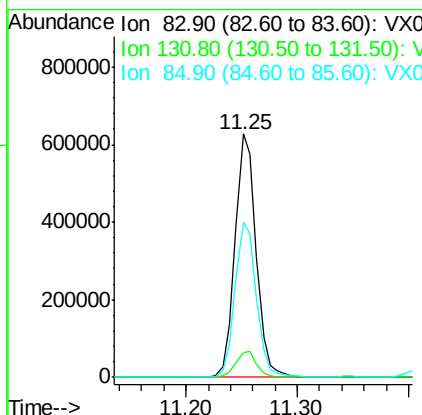
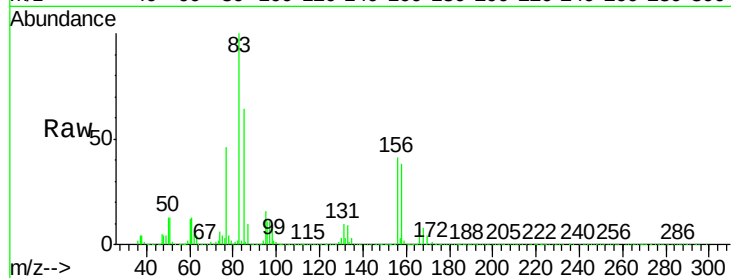
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	819046		
131	10.6	5.3	16.1	
85	64.9	32.0	96.0	

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#76

1,2,3-Trichloropropane

Concen: 46.644 ug/l m

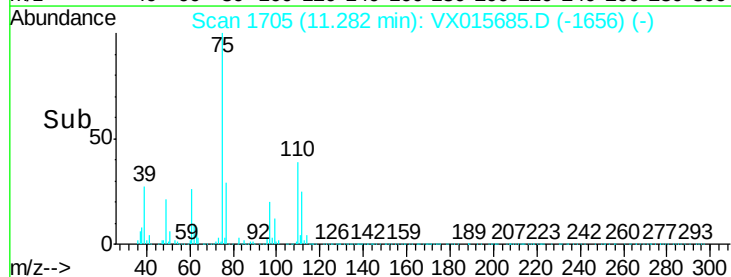
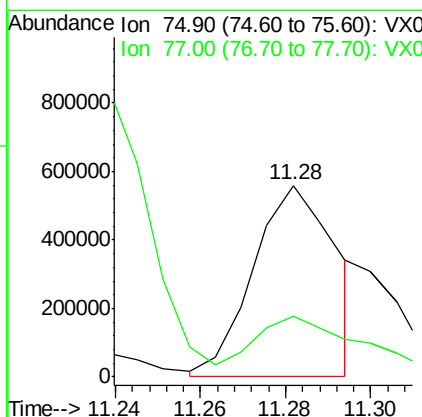
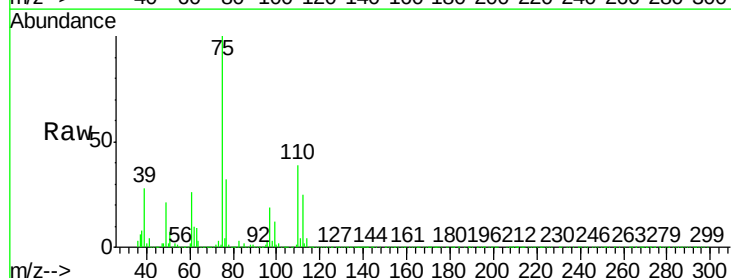
RT: 11.28 min Scan# 1705

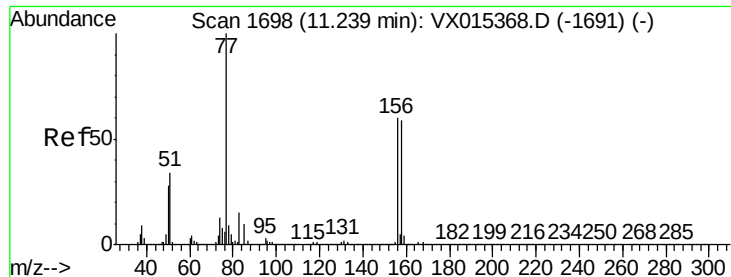
Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	753283		
77	41.4	21.2	63.6	





#77

Bromobenzene

Concen: 51.071 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

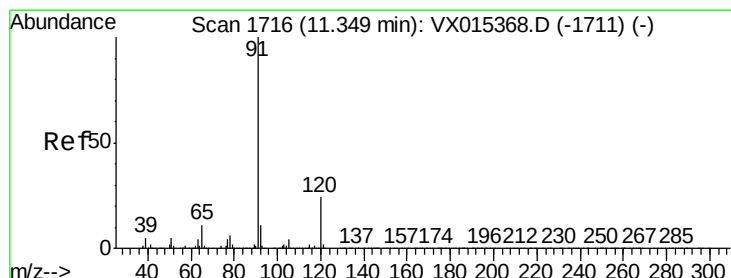
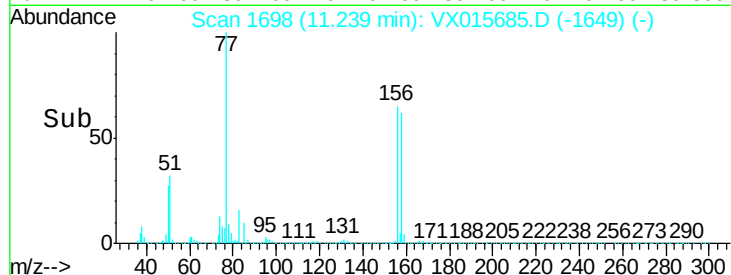
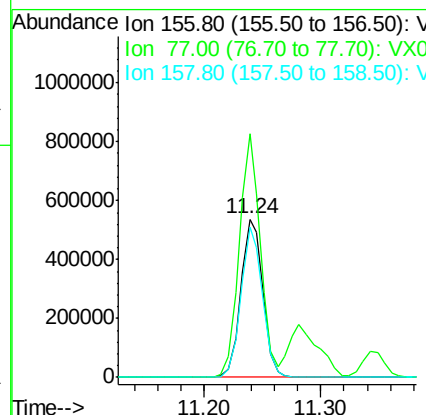
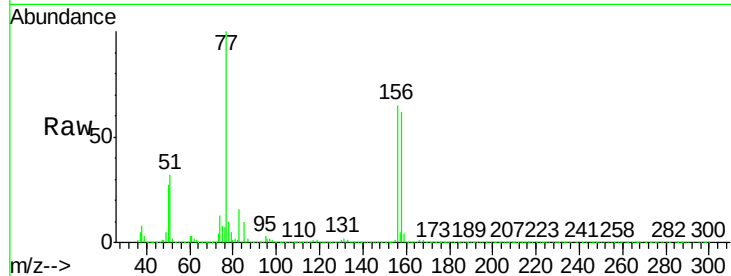
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	700970
Ion Ratio	Lower	Upper	
156	100		
77	147.9	82.2	246.5
158	92.5	49.3	147.9

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#78

n-propylbenzene

Concen: 48.247 ug/l

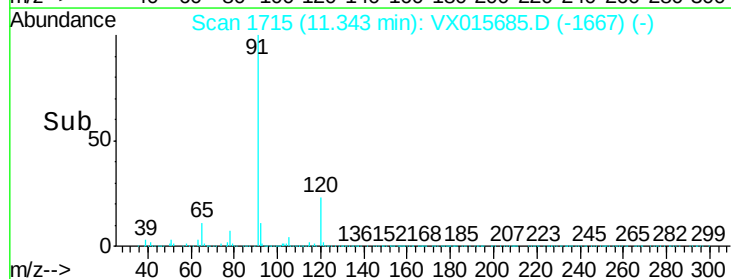
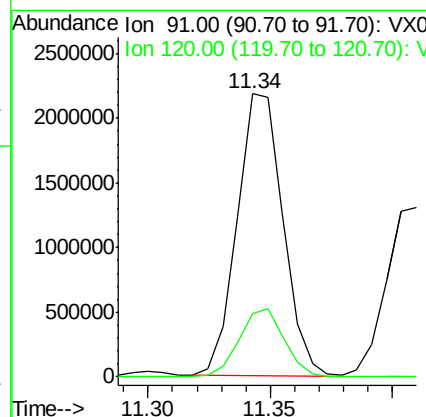
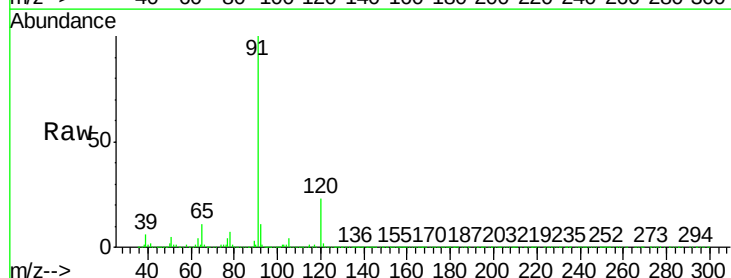
RT: 11.34 min Scan# 1715

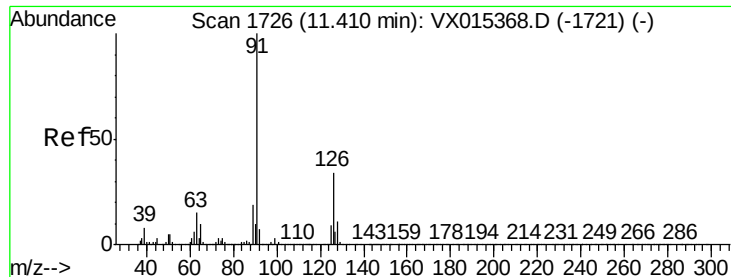
Delta R.T. -0.01 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Tgt Ion:	91	Resp:	2838832
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.7	35.0





#79

2-Chlorotoluene

Concen: 47.404 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1709572

Ion Ratio Lower Upper

91 100

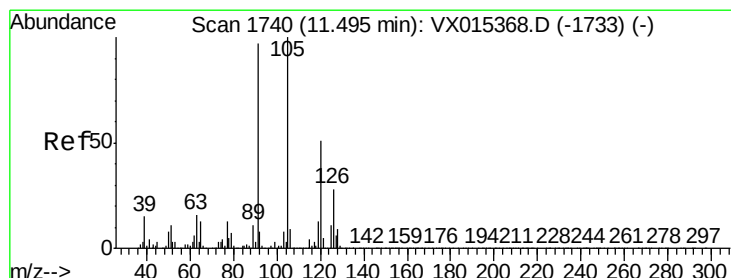
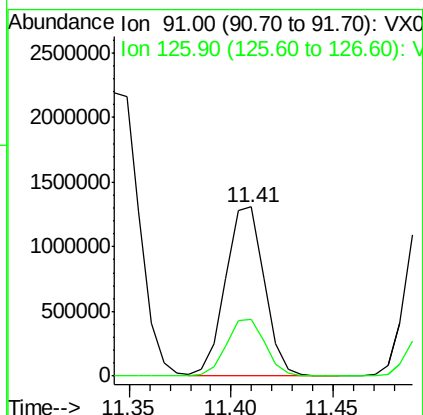
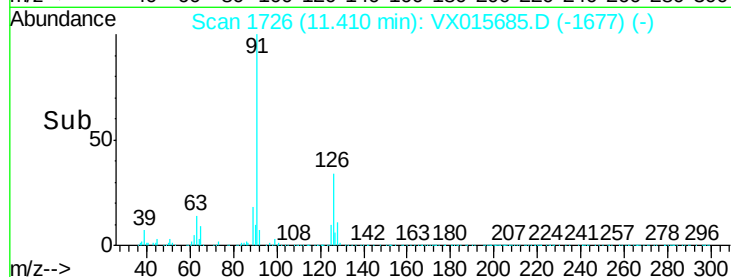
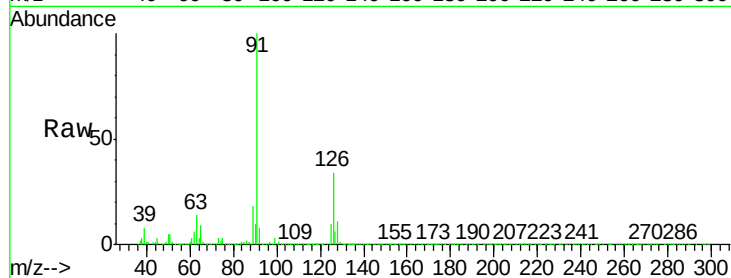
126 34.1 16.5 49.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.027 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015685.D

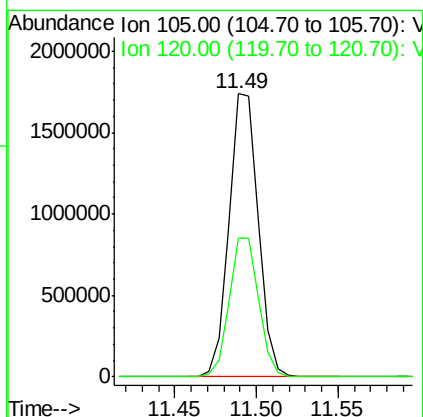
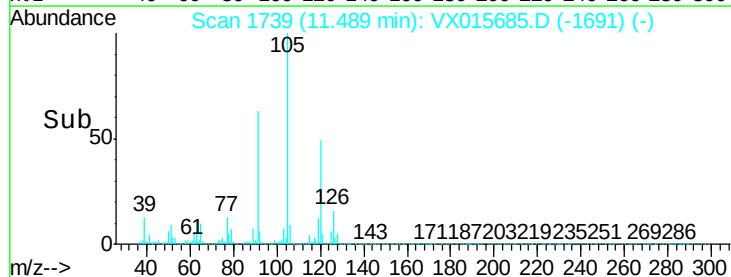
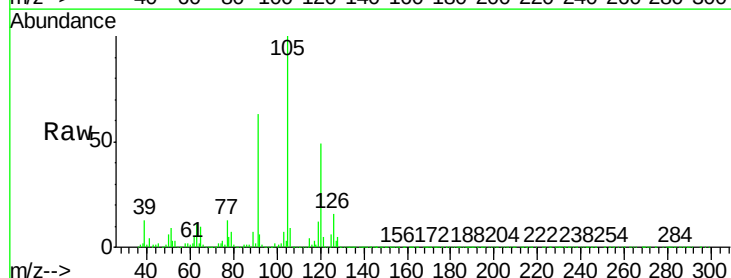
Acq: 15 Apr 2020 16:00

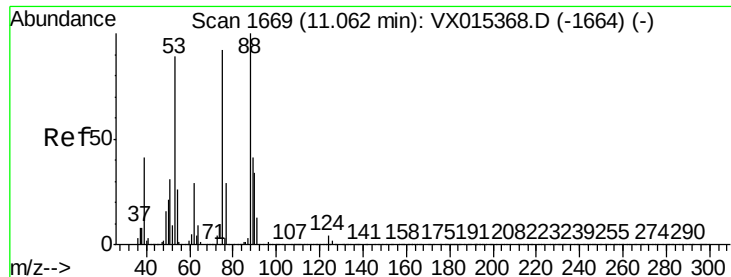
Tgt Ion: 105 Resp: 2154505

Ion Ratio Lower Upper

105 100

120 49.5 24.8 74.4





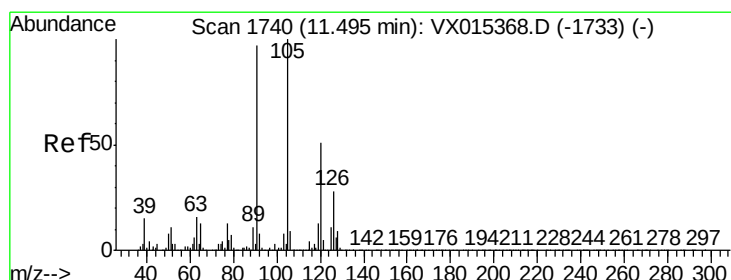
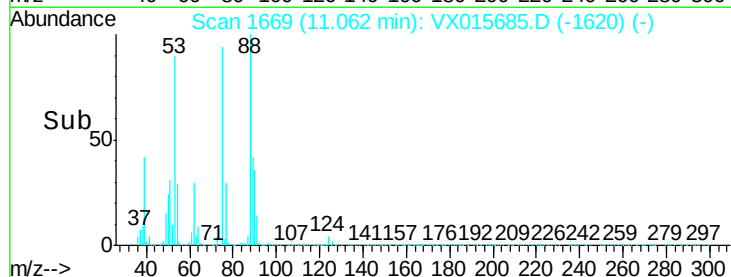
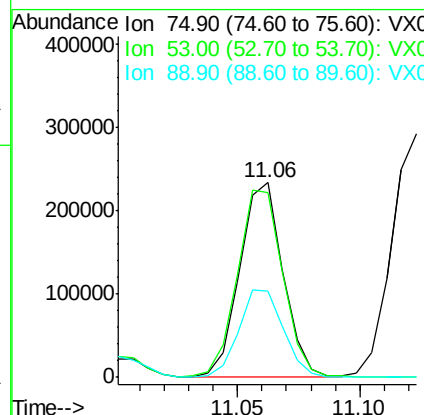
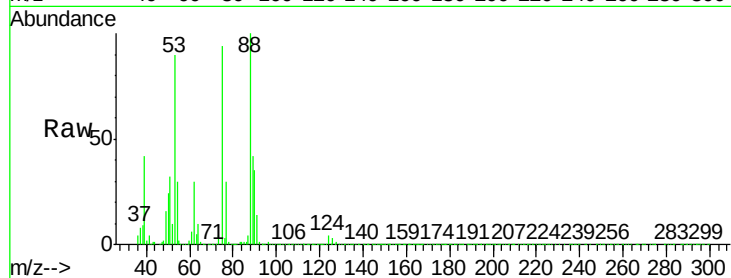
#81
trans-1,4-Dichloro-2-butene
Concen: 42.325 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.8	80.1	120.1
89	47.3	36.1	54.1

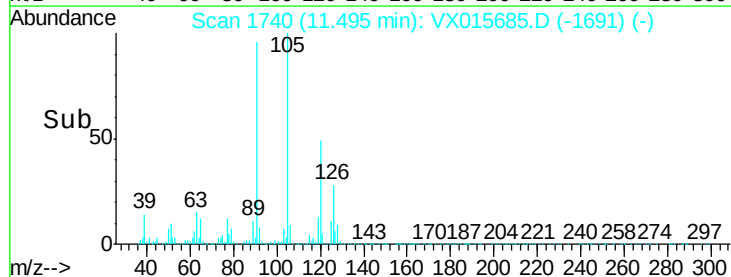
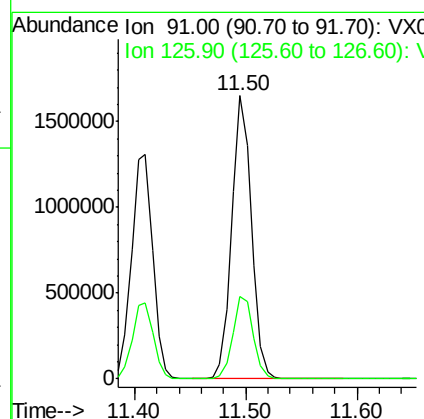
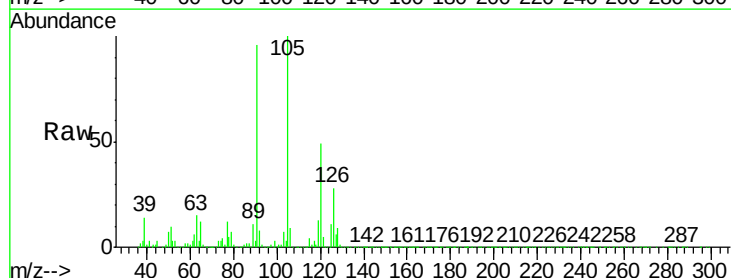
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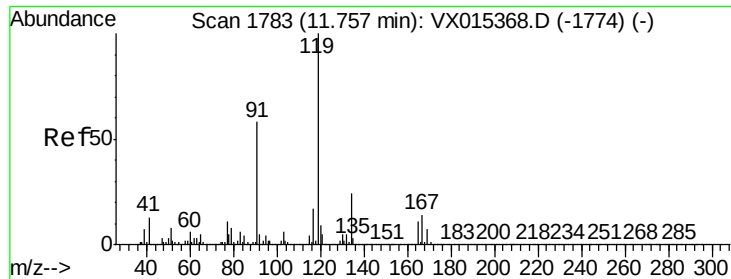
MMDadoda
4/16/2020 11:03:11 AM



#82
4-Chlorotoluene
Concen: 47.735 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.7	44.1





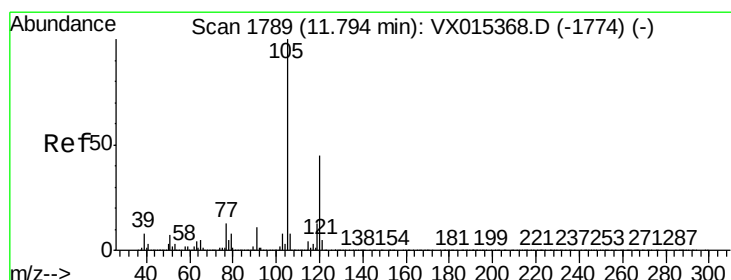
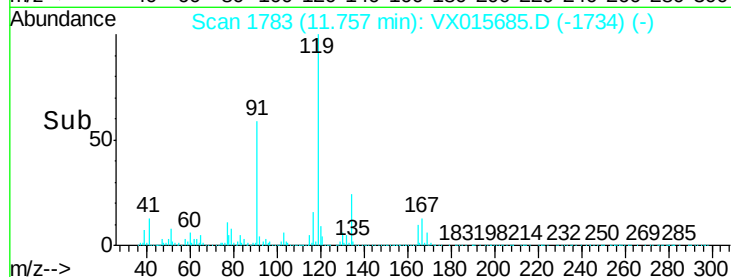
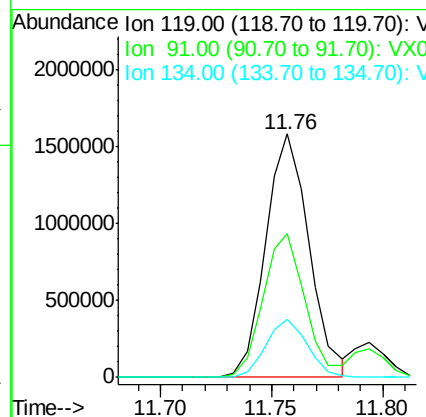
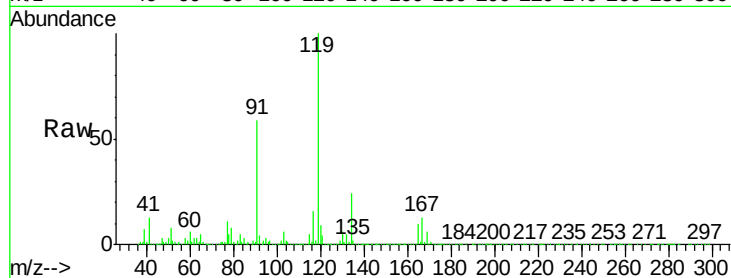
#83
tert-Butylbenzene
Concen: 49.804 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	28.6	85.8
134	22.9	11.8	35.3

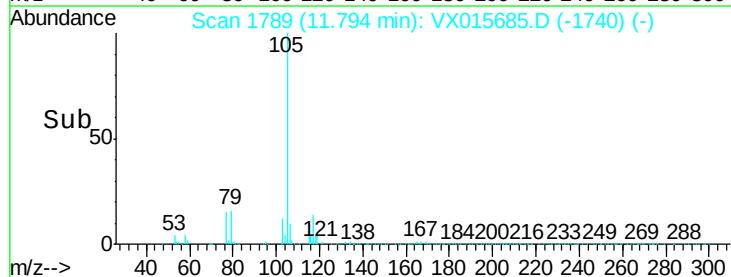
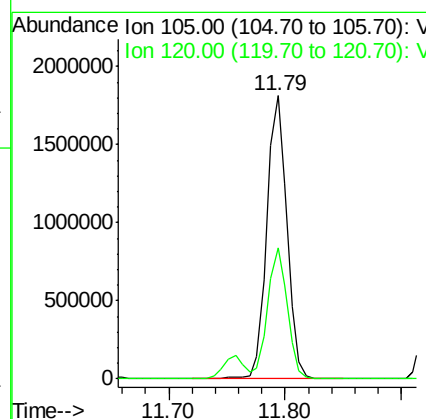
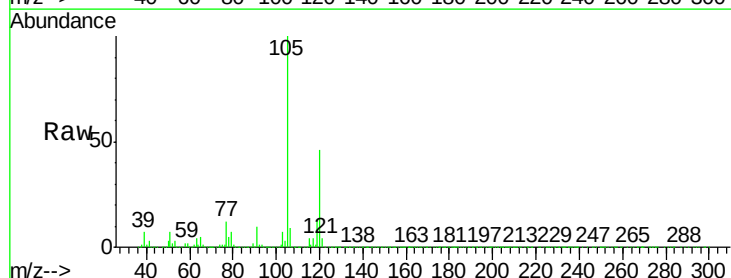
Manual Integrations
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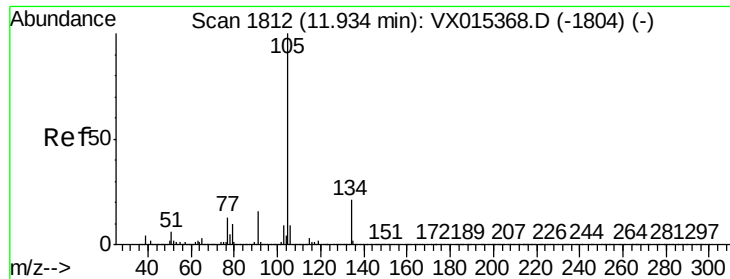
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 48.985 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1





#85

sec-Butylbenzene

Concen: 49.446 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2454762

Ion Ratio Lower Upper

105 100

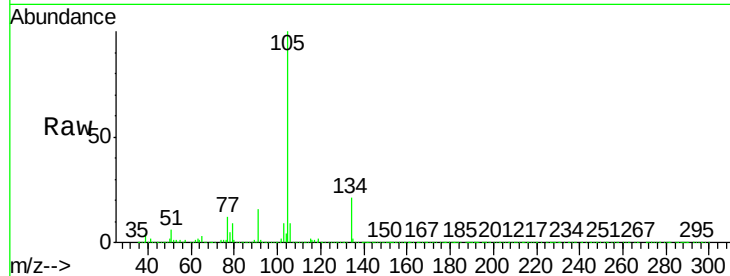
134 20.6 10.4 31.1

Manual Integrations

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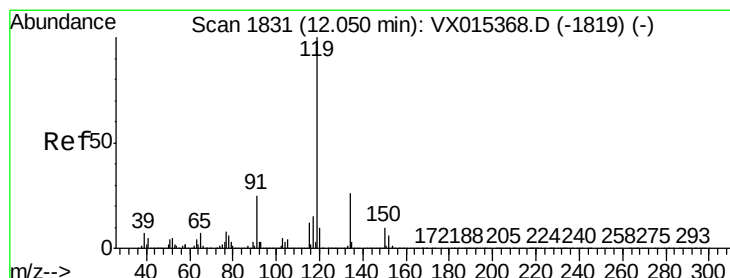
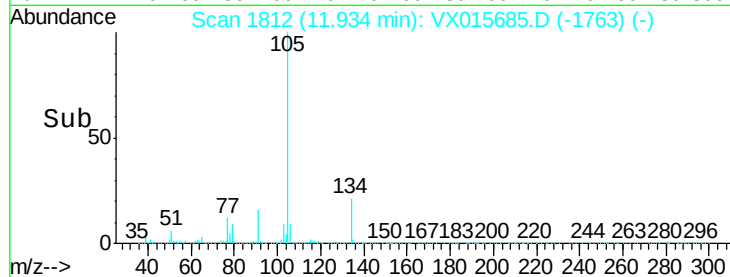
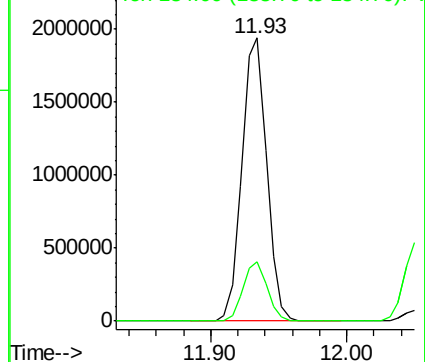
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.673 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

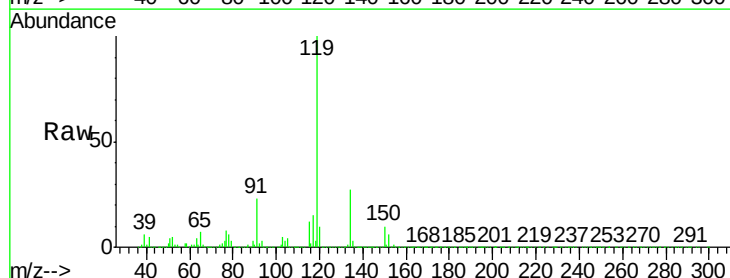
Tgt Ion:119 Resp: 2335393

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

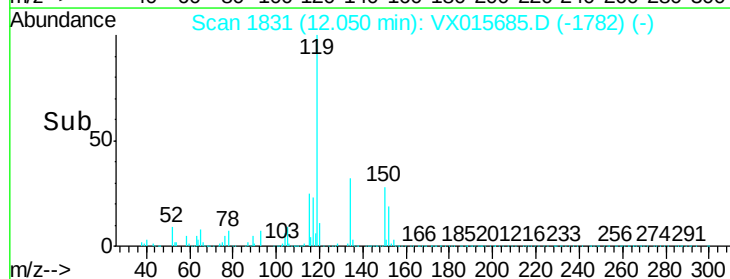
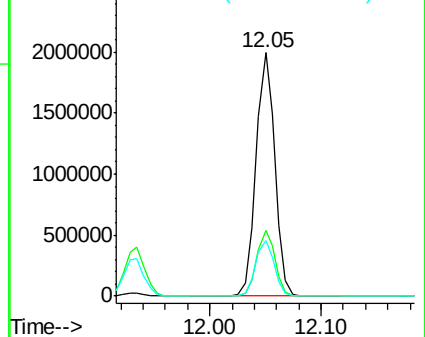
91 22.8 12.4 37.4

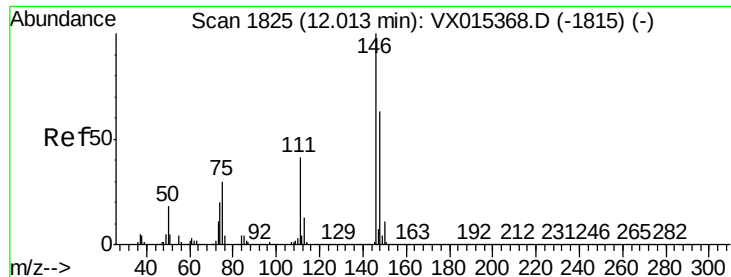


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





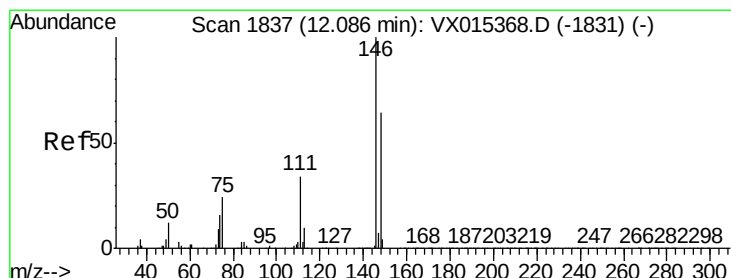
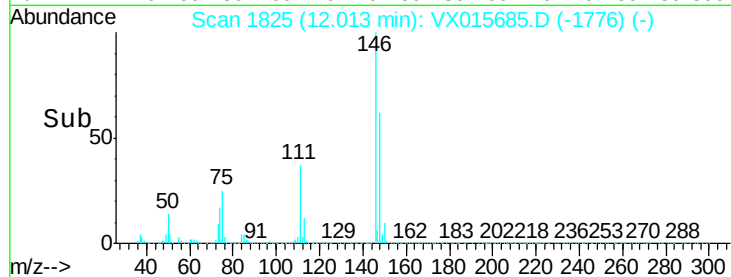
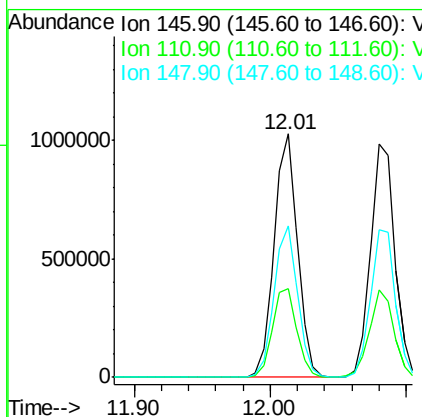
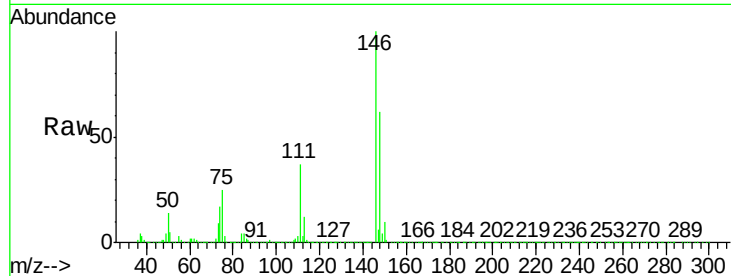
#87
 1,3-Dichlorobenzene
 Concen: 50.337 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.3	60.9
148	62.6	31.3	93.9

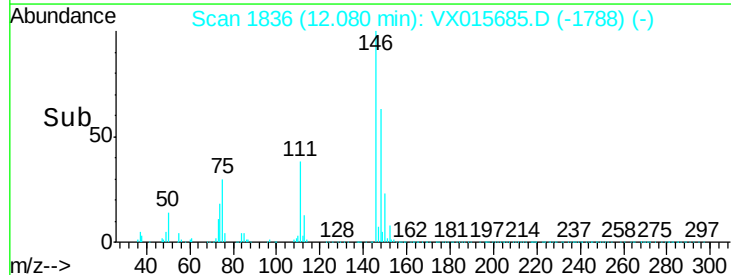
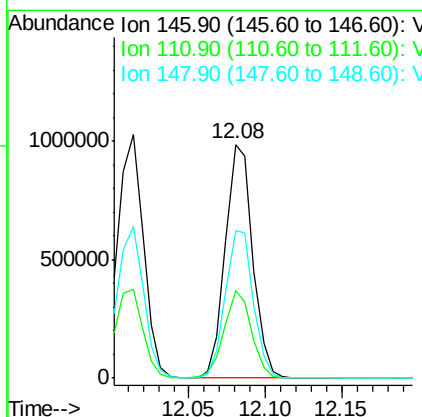
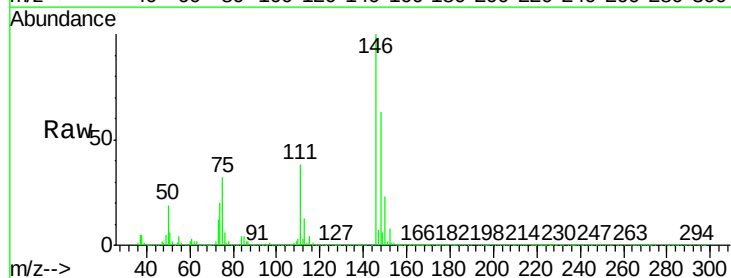
Manual Integrations
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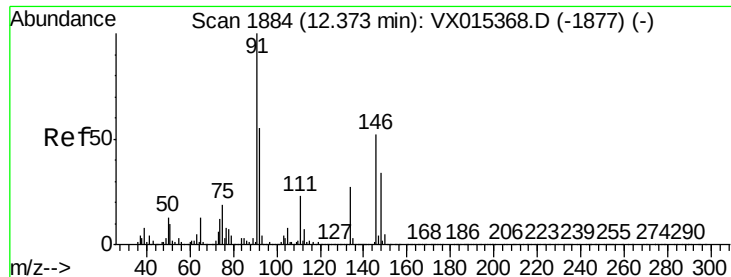
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 4/16/2020 11:03:11 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.754 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.5
148	64.6	32.4	97.2





#89

n-Butylbenzene

Concen: 49.712 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015685.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 2070418

Ion Ratio Lower Upper

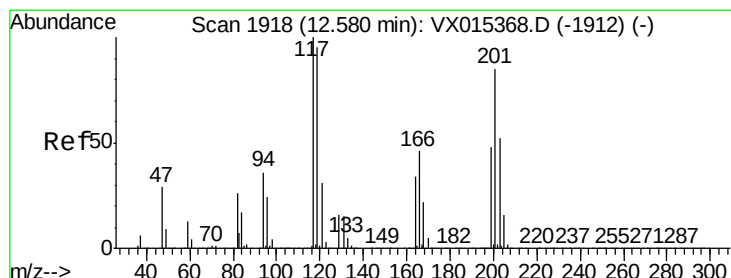
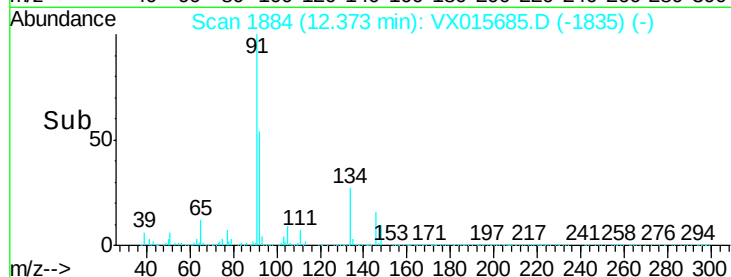
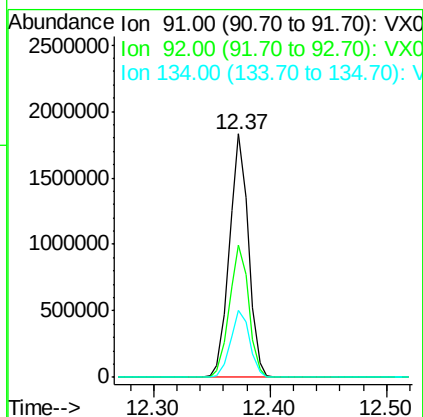
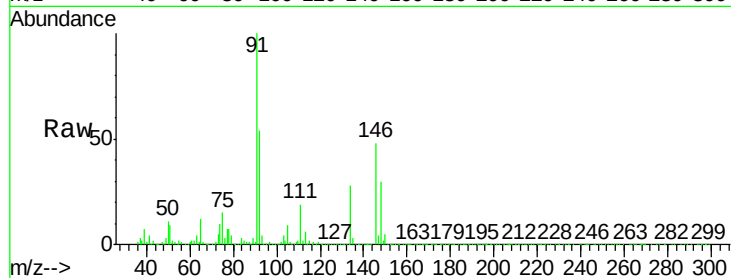
91 100

92 55.2 27.2 81.5

134 27.8 13.4 40.2

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#90

Hexachloroethane

Concen: 45.661 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015685.D

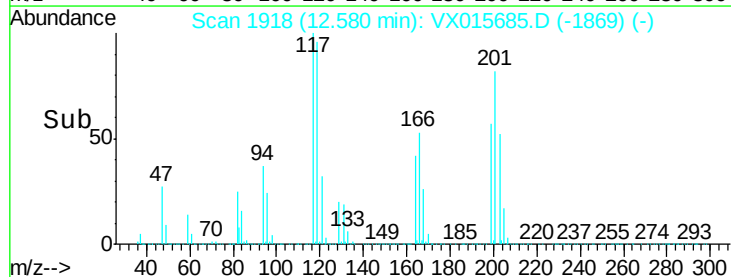
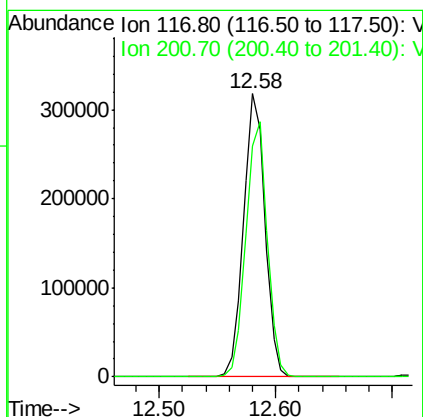
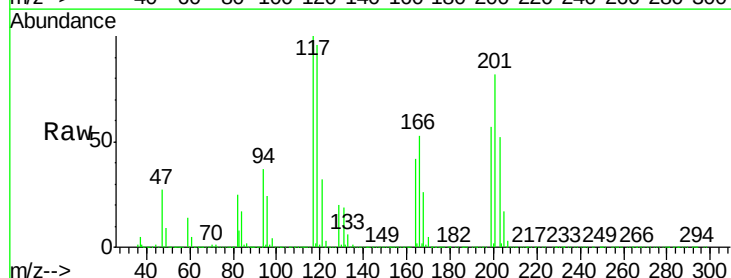
Acq: 15 Apr 2020 16:00

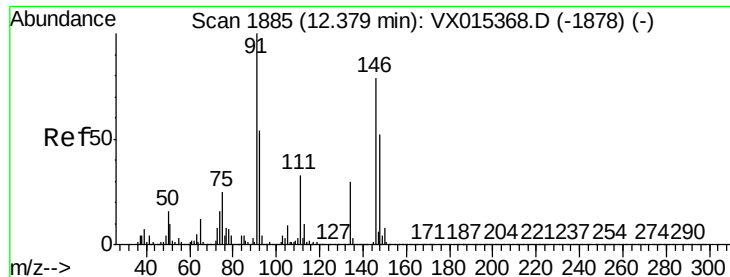
Tgt Ion: 117 Resp: 409595

Ion Ratio Lower Upper

117 100

201 90.4 42.6 128.0





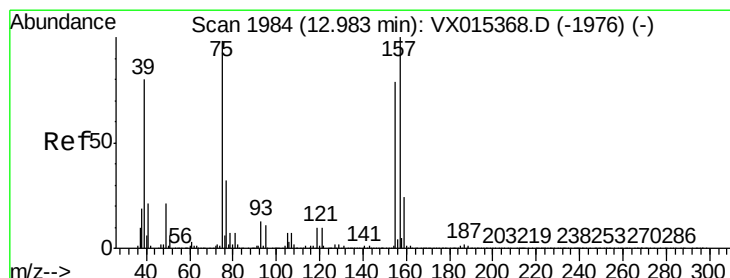
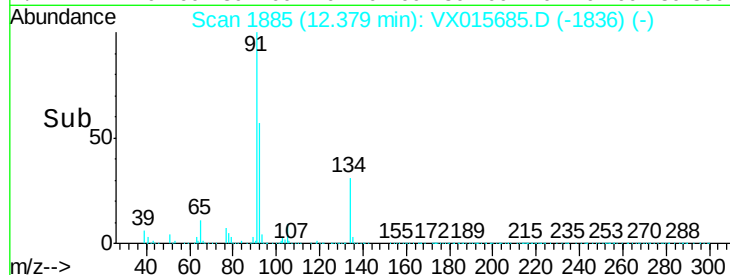
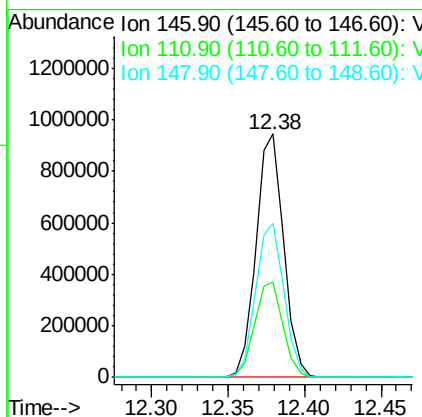
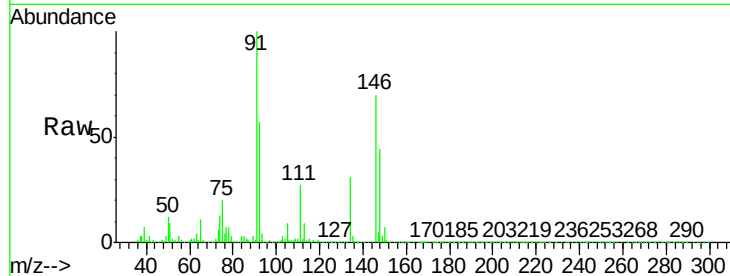
#91
 1,2-Dichlorobenzene
 Concen: 49.571 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	21.0	63.0
148	64.3	32.4	97.0

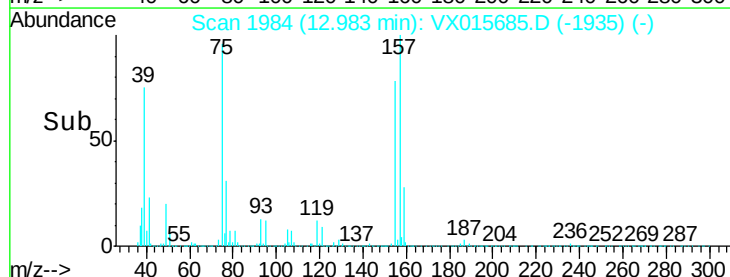
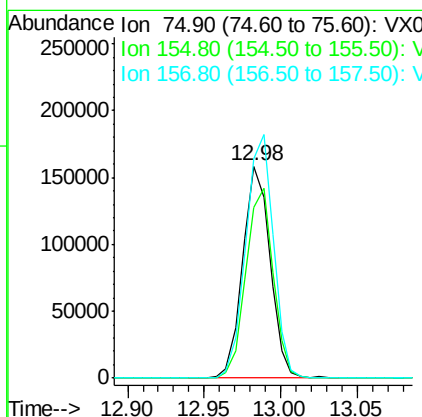
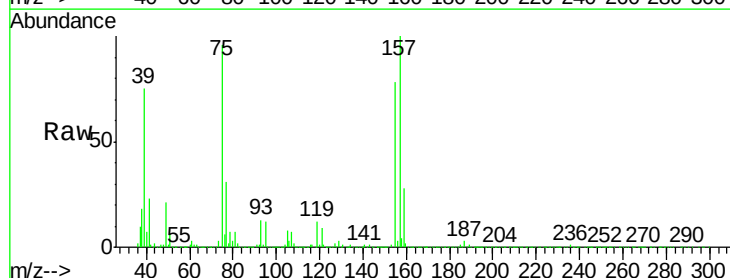
Manual Integrations
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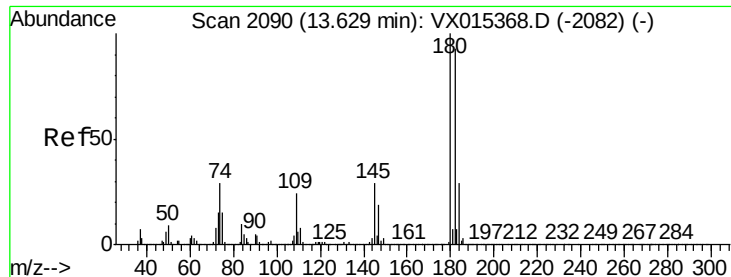
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.266 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	42.8	128.4
157	117.6	53.4	160.3





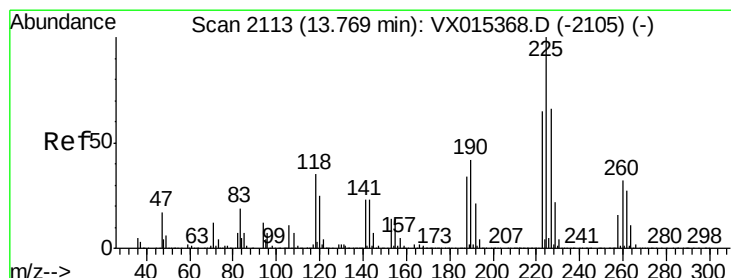
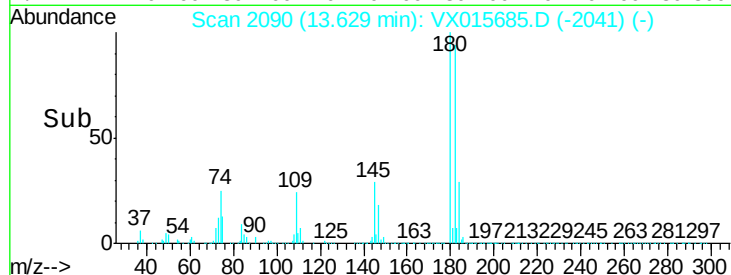
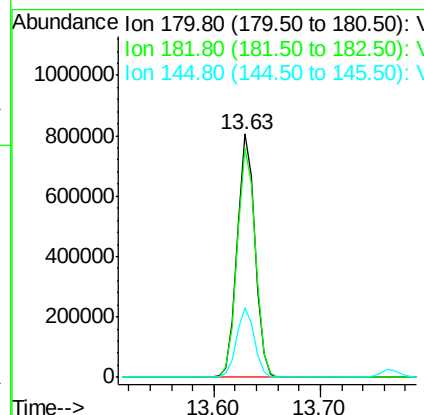
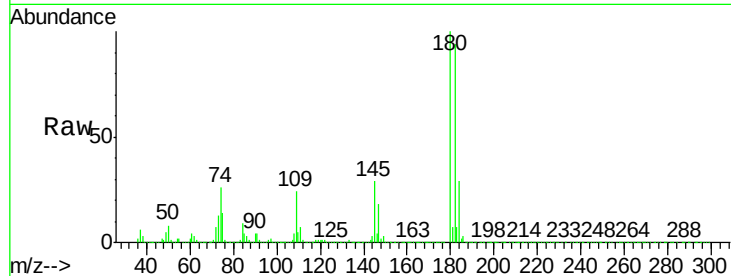
#93
 1,2,4-Trichlorobenzene
 Concen: 49.884 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	948820		
182	96.8	46.9	140.7	
145	28.7	14.9	44.5	

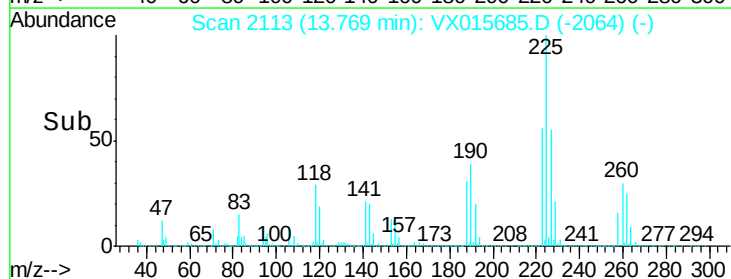
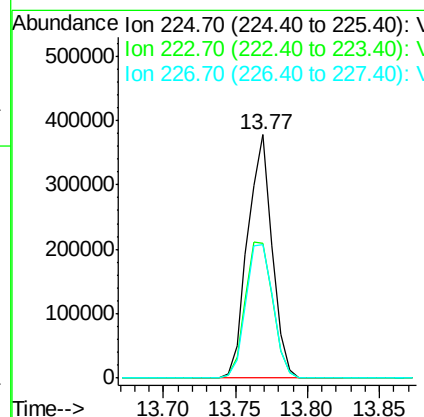
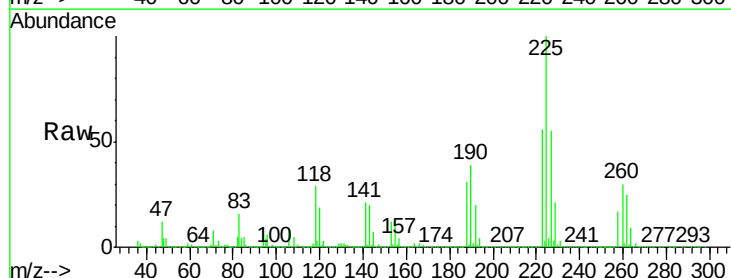
Manual Integrations
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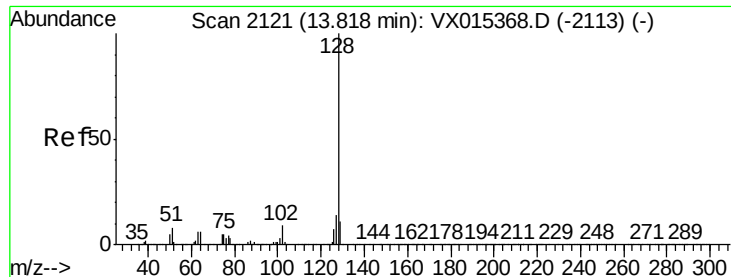
MMDadoda
 4/16/2020 11:03:11 AM



#94
 Hexachlorobutadiene
 Concen: 49.004 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015685.D
 Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	443775		
223	62.9	31.9	95.7	
227	61.3	30.4	91.3	





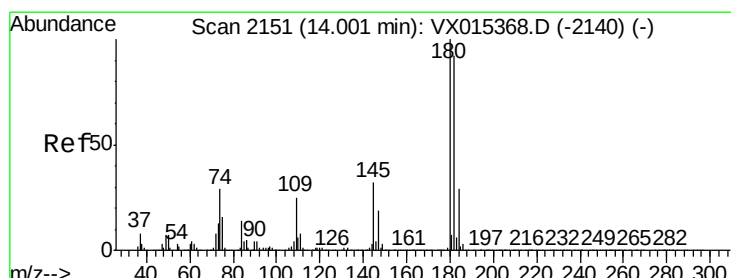
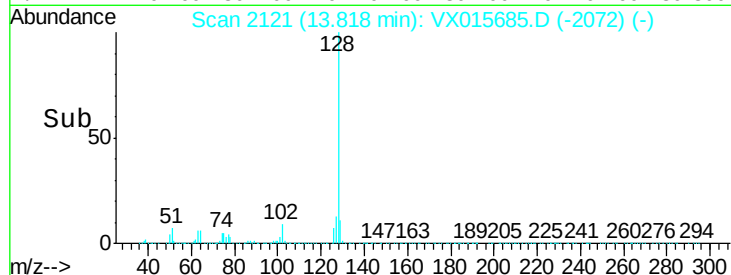
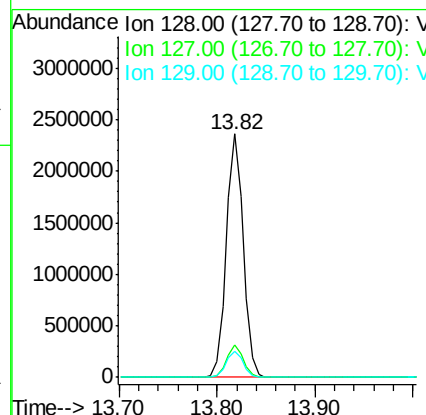
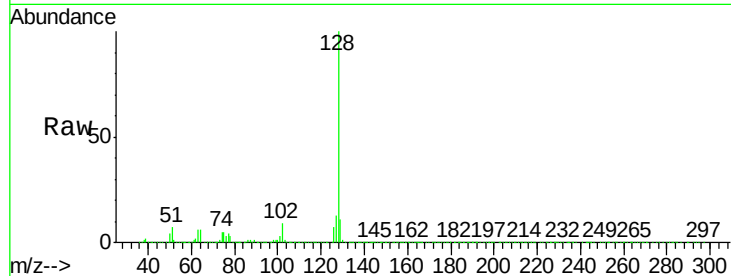
#95
Naphthalene
Concen: 48.701 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/16/2020 11:03:11 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.578 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015685.D
Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.7	46.7	140.0
145	30.5	15.8	47.3

