

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015280.D
 Acq On : 14 Mar 2020 00:44
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 2:07:42 PM

Quant Time: Mar 16 09:51:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	49660	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	282552	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	277053	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	99303	29.64	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.80%
60) 4-Bromofluorobenzene	11.13	95	124625	28.26	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.20%
63) Toluene-d8	8.71	98	353613	29.80	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	39074	15.646	ug/l 97
3) Chloromethane	1.32	50	57653	15.989	ug/l 97
4) Vinyl Chloride	1.40	62	58080	15.829	ug/l 98
5) Bromomethane	1.64	94	36965	15.463	ug/l 96
6) Chloroethane	1.72	64	37144	16.117	ug/l 97
7) Trichlorofluoromethane	1.93	101	73106	15.628	ug/l 98
8) Diethyl Ether	2.18	74	33668	16.238	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	45824	15.973	ug/l 99
10) 1,1-Dichloroethene	2.37	96	47802	16.528	ug/l 96
11) Methyl Iodide	2.50	142	42875	14.412	ug/l 99
12) Methyl Acetate	2.76	43	62195	17.432	ug/l 99
13) Acrolein	2.28	56	41307	73.313	ug/l 98
14) Acrylonitrile	3.13	53	144205	87.101	ug/l 98
15) Acetone	2.43	58	35439	72.953	ug/l 98
16) Carbon Disulfide	2.56	76	132980	16.419	ug/l 99
17) Allyl chloride	2.72	41	88172	16.432	ug/l 97
18) Methylene Chloride	2.85	84	57378	17.554	ug/l 94
19) trans-1,2-Dichloroethene	3.16	96	54499	17.469	ug/l 98
20) Diisopropyl ether	3.84	45	188082	17.646	ug/l 99
21) 1,1-Dichloroethane	3.69	63	98863	17.505	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	62556	17.739	ug/l 98
23) tert-Butyl Alcohol	3.02	59	46964	72.555	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	160995	17.228	ug/l 99
25) Chloroform	5.20	83	96850	18.027	ug/l 99
26) Cyclohexane	5.58	56	91920	17.514	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	73310	16.908	ug/l 100
30) 2-Butanone	4.66	43	187746	80.856	ug/l 100
31) 2,2-Dichloropropane	4.57	77	57803	12.977	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	80029	16.961	ug/l 99
33) Carbon Tetrachloride	5.78	117	69393	17.186	ug/l 98
34) Benzene	6.14	78	236142	17.973	ug/l 98
35) Methacrylonitrile	5.03	41	45356	18.068	ug/l 96
36) 1,2-Dichloroethane	6.18	62	77354	17.650	ug/l 99
37) Trichloroethene	7.21	130	67395	18.547	ug/l 97
38) Methylcyclohexane	7.46	83	92651	17.587	ug/l 99
39) 1,2-Dichloropropane	7.51	63	65502	19.299	ug/l 98
40) Dibromomethane	7.65	93	41551	19.262	ug/l 99

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Manual Integrations
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Quant Time: Mar 16 09:51:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	80817	18.942	ug/l	98
42) Vinyl Acetate	3.81	43	755156	82.470	ug/l	100
43) Ethyl Acetate	4.82	43	79100	17.955	ug/l	96
44) Isopropyl Acetate	6.43	43	131702	17.674	ug/l	99
45) 1,4-Dioxane	7.73	88	23957	327.336	ug/l	98
46) Methyl methacrylate	7.76	41	68427	18.622	ug/l	98
47) n-amyl Acetate	10.89	43	112838	16.876	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	82395	17.760	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	95633	18.152	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	61997	19.437	ug/l	97
51) Ethyl methacrylate	9.17	69	92650	18.615	ug/l	93
52) 1,3-Dichloropropane	9.37	76	102765	19.036	ug/l	99
53) Dibromochloromethane	9.57	129	64304	18.930	ug/l	96
54) 1,2-Dibromoethane	9.67	107	62111	18.876	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	265204	106.390	ug/l	99
56) Bromoform	10.85	173	46752	17.554	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	422990	89.679	ug/l	99
59) 2-Hexanone	9.48	43	308679	86.586	ug/l	99
61) Tetrachloroethene	9.33	164	68397	17.735	ug/l	95
62) Toluene	8.78	91	264814	18.062	ug/l	100
64) Chlorobenzene	10.14	112	172137	18.375	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	61620	17.858	ug/l	98
66) Ethyl Benzene	10.25	91	293813	17.990	ug/l	100
67) m/p-Xylenes	10.35	106	223523	35.654	ug/l	100
68) o-Xylene	10.70	106	104361	17.362	ug/l	100
69) Styrene	10.71	104	181228	17.325	ug/l	99
70) Isopropylbenzene	11.01	105	280146	17.511	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	90678	17.461	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	73950m	17.397	ug/l	
73) Bromobenzene	11.25	156	75702	17.350	ug/l	99
74) n-propylbenzene	11.35	91	323210	17.101	ug/l	100
75) 2-Chlorotoluene	11.42	91	192658	17.459	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	234354	17.160	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	24882	13.976	ug/l	96
78) 4-Chlorotoluene	11.51	91	215075	16.929	ug/l	99
79) tert-butylbenzene	11.76	119	217128	16.958	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	233460	17.290	ug/l	100
81) sec-Butylbenzene	11.94	105	270661	17.033	ug/l	100
82) p-Isopropyltoluene	12.06	119	242544	16.598	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	133830	17.359	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	134053	17.384	ug/l	99
85) n-Butylbenzene	12.38	91	207673	16.217	ug/l	100
86) Hexachloroethane	12.59	117	42304	16.537	ug/l	93
87) 1,2-Dichlorobenzene	12.38	146	131964	17.556	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	17844	16.689	ug/l	93
89) 1,2,4-Trichlorobenzene	13.64	180	89735	16.151	ug/l	98
90) Hexachlorobutadiene	13.77	225	43880	15.351	ug/l	99
91) Naphthalene	13.83	128	259794	16.879	ug/l	98
92) 1,2,3-Trichlorobenzene	14.01	180	94572	16.913	ug/l	100

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

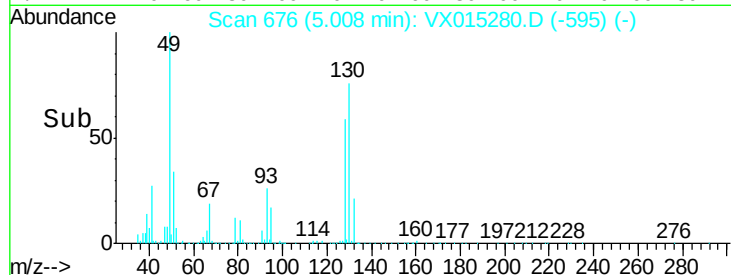
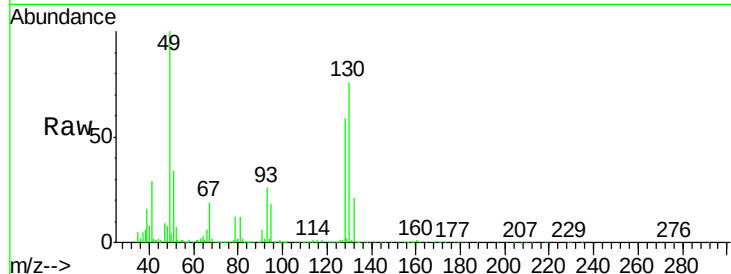
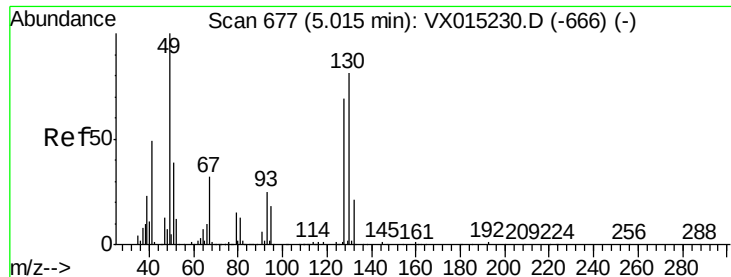
Manual Integrations
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Quant Time: Mar 16 09:51:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



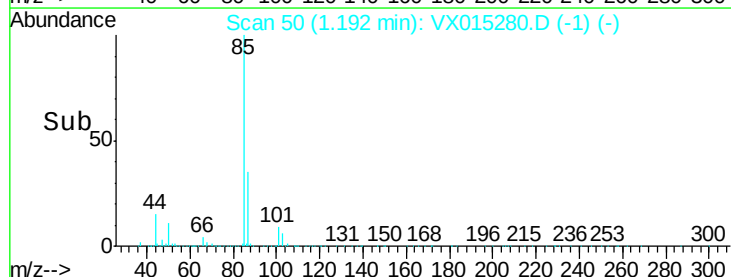
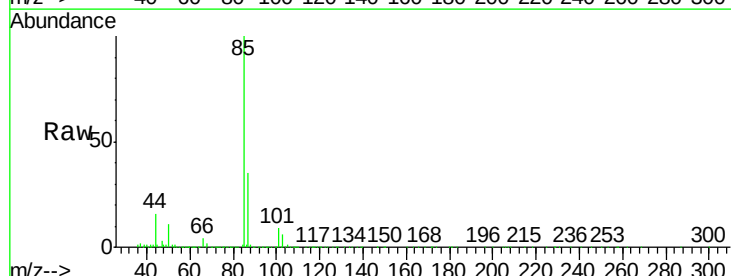
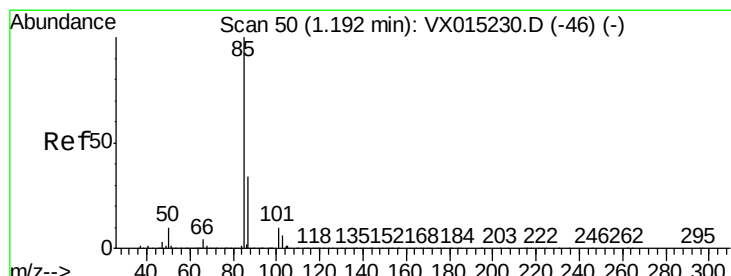
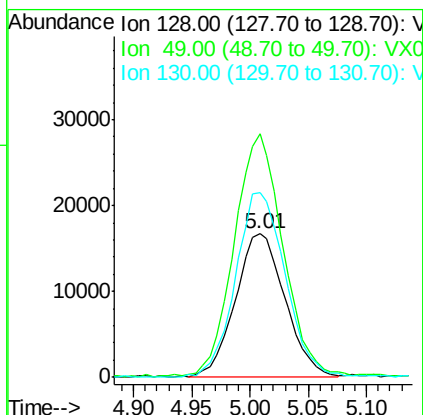
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Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tot Ion	Ratio	Lower	Upper
128	100		
49	165.4	0.0	406.8
130	128.9	0.0	319.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

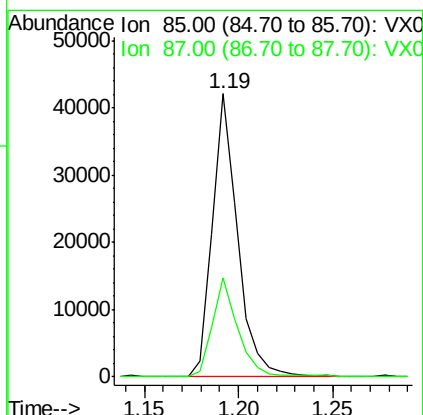
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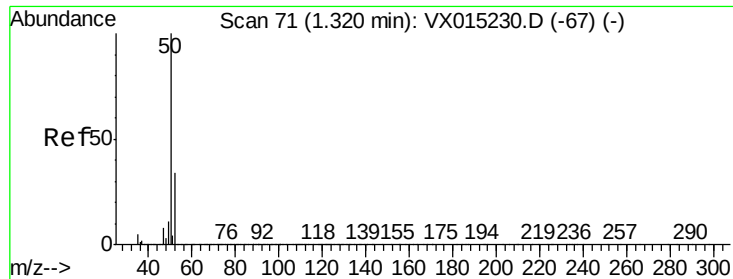
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#2
Dichlorodifluoromethane
Concen: 15.646 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.9	16.7	50.1





#3

Chloromethane

Concen: 15.989 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020EC

Tot Ion: 50 Resp: 57653

Ion Ratio Lower Upper

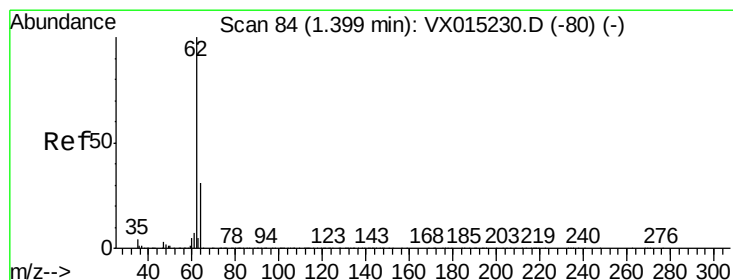
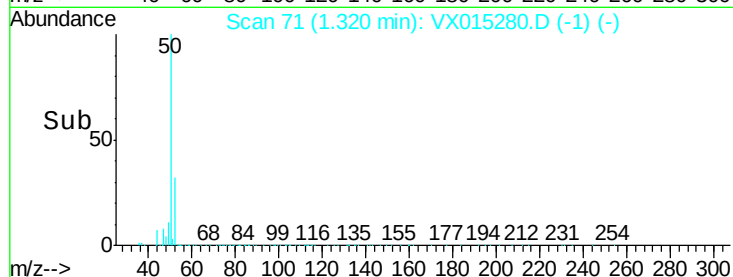
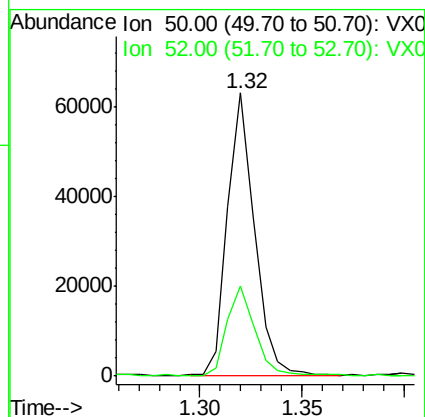
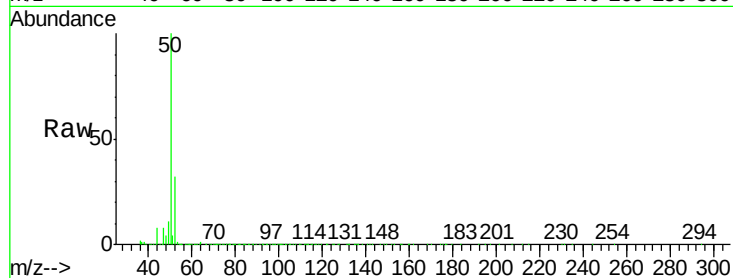
50 100

52 32.0 26.9 40.3

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3/16/2020 2:07:42 PM



#4

Vinyl Chloride

Concen: 15.829 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015280.D

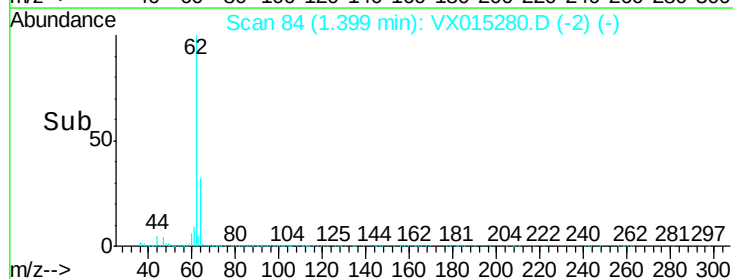
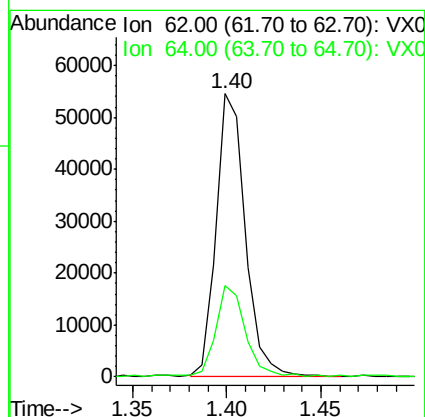
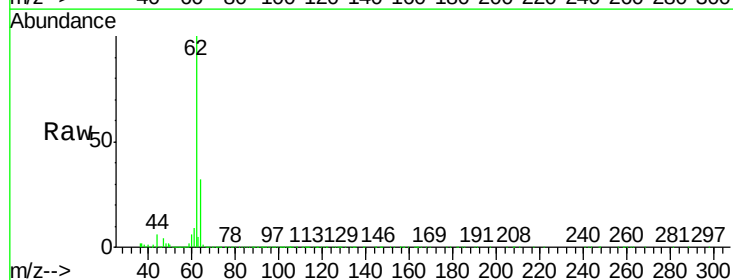
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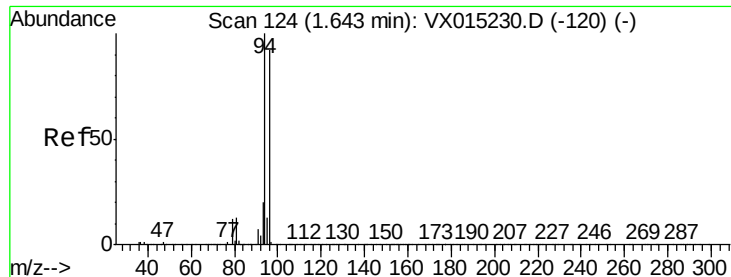
Tgt Ion: 62 Resp: 58080

Ion Ratio Lower Upper

62 100

64 32.1 24.9 37.3





#5

Bromomethane

Concen: 15.463 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 36965

Ion Ratio Lower Upper

94 100

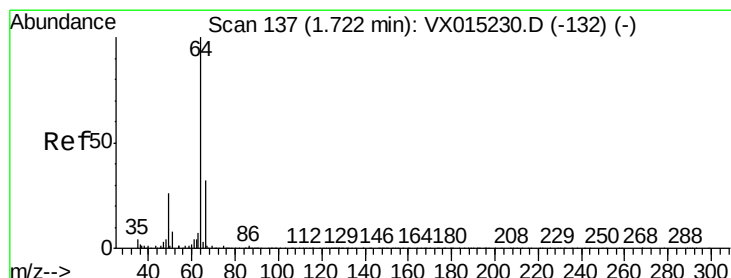
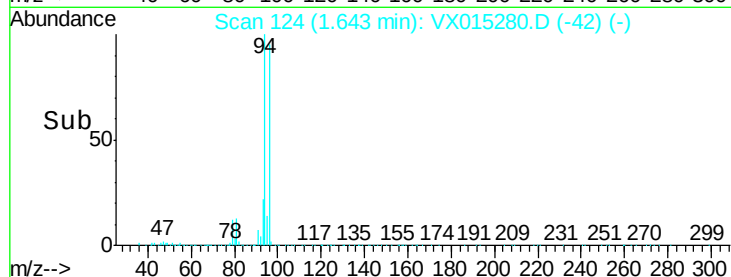
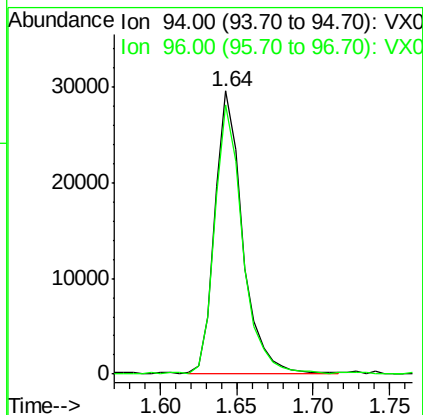
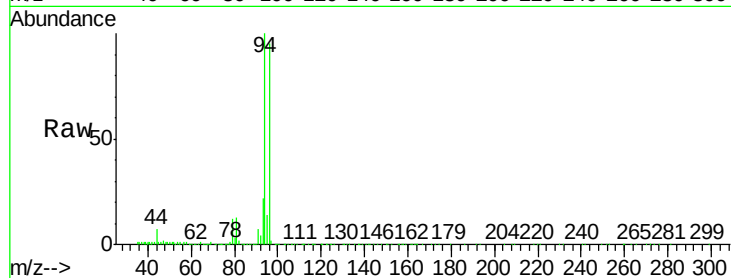
96 95.0 73.0 109.4

Manual Integrations

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#6

Chloroethane

Concen: 16.117 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015280.D

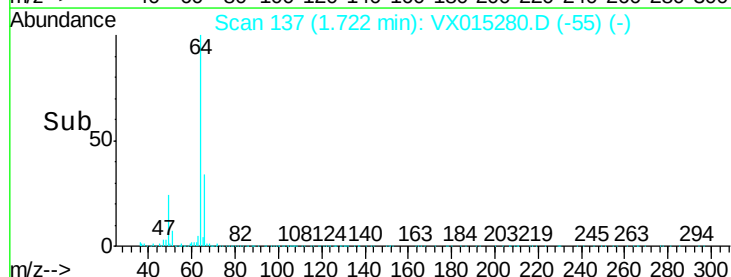
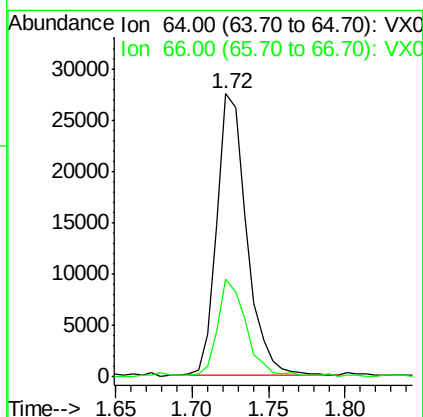
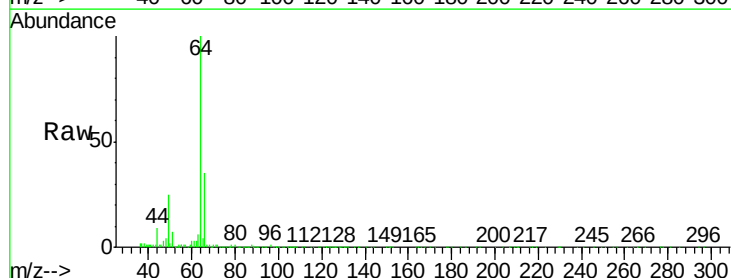
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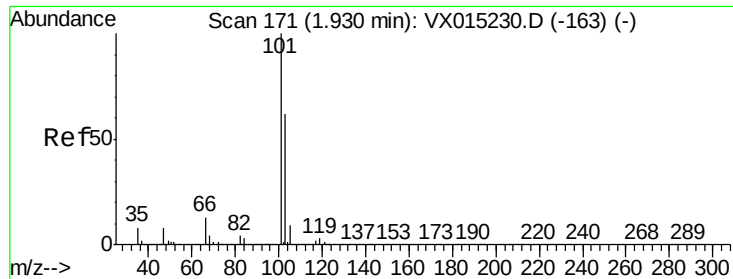
Tgt Ion: 64 Resp: 37144

Ion Ratio Lower Upper

64 100

66 34.2 25.9 38.9





#7

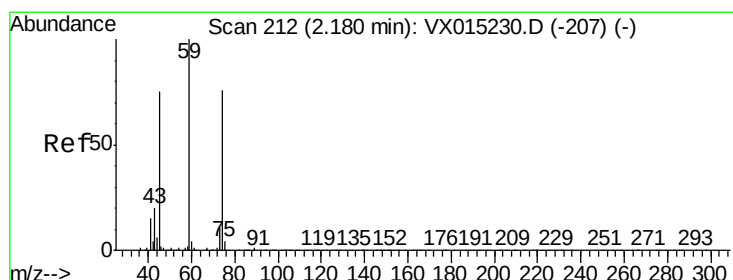
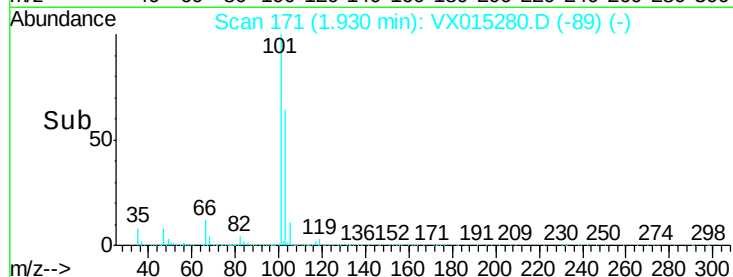
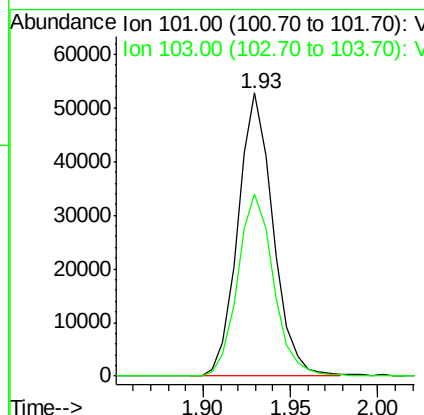
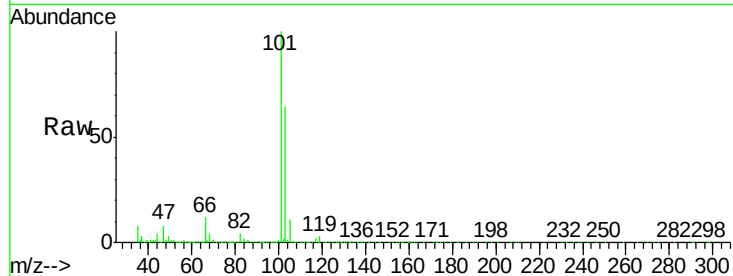
Trichlorofluoromethane
Concen: 15.628 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
101	101	100		
103	103	64.2	49.9	74.9

Manual Integrations
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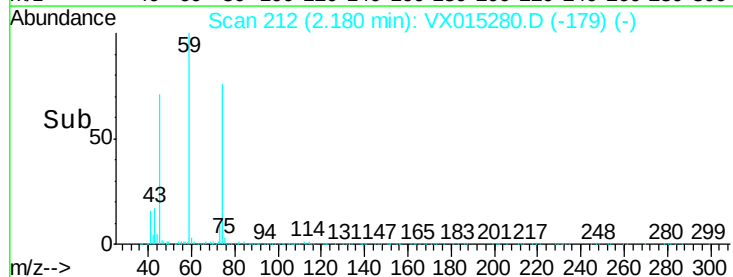
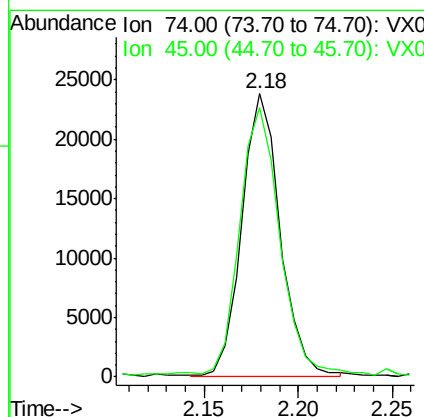
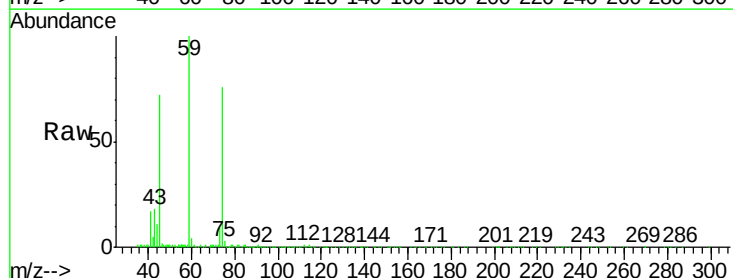
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3/16/2020 2:07:42 PM

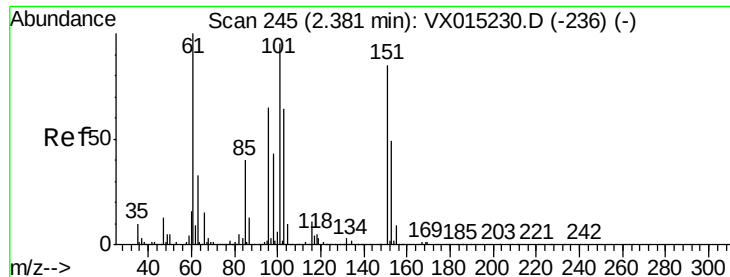


#8

Diethyl Ether
Concen: 16.238 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion	Ion	Ratio	Lower	Upper
74	74	100		
45	45	98.5	20.3	182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.973 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

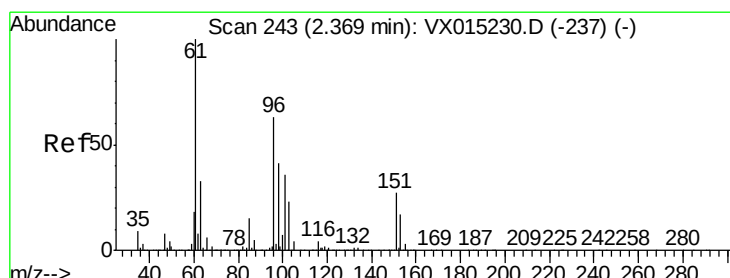
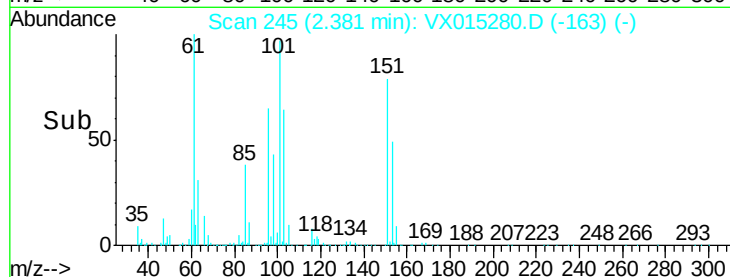
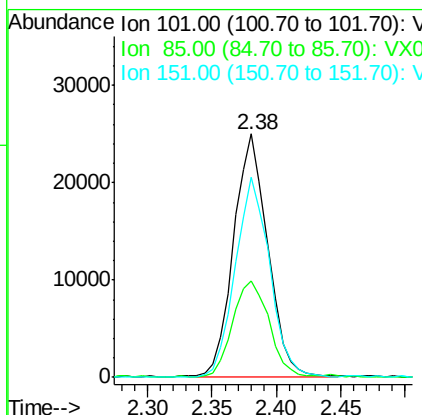
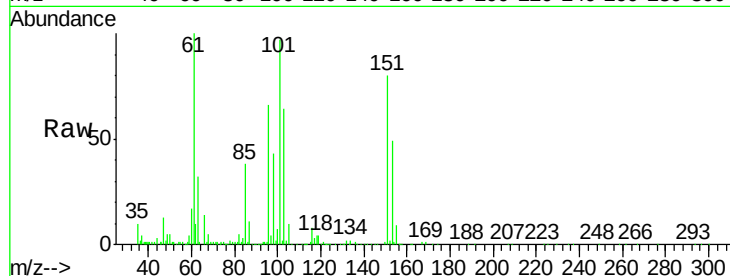
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	45824
Ion Ratio	Lower	Upper	
101	100		
85	42.1	0.0	82.0
151	83.6	0.0	165.0

Manual Integrations
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3/16/2020 2:07:42 PM



#10

1,1-Dichloroethene

Concen: 16.528 ug/l

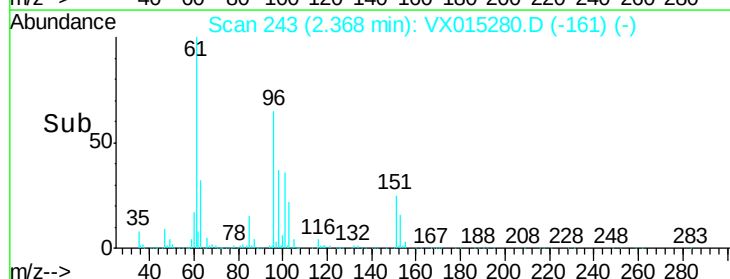
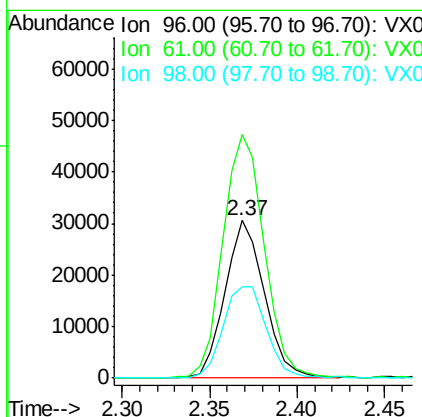
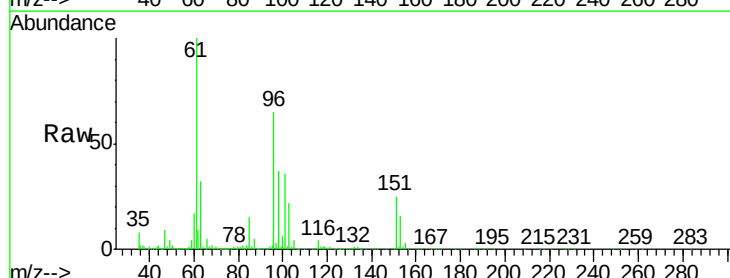
RT: 2.37 min Scan# 243

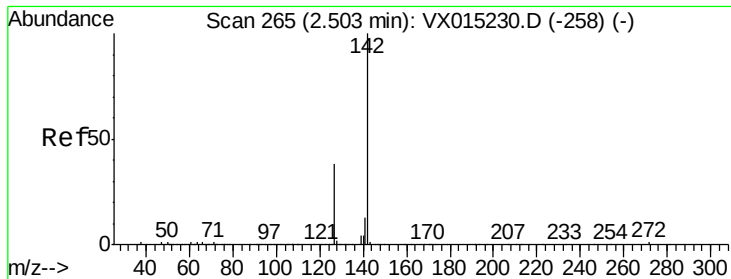
Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Tgt Ion:	96	Resp:	47802
Ion Ratio	Lower	Upper	
96	100		
61	154.7	126.2	189.2
98	57.4	52.1	78.1





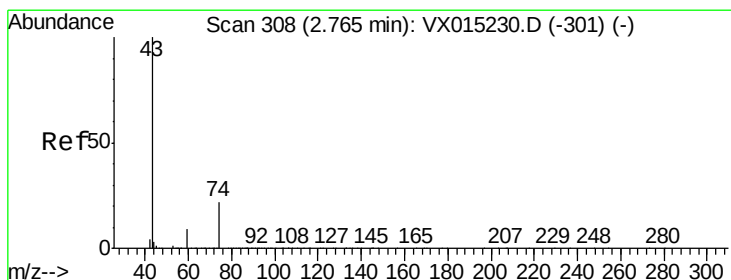
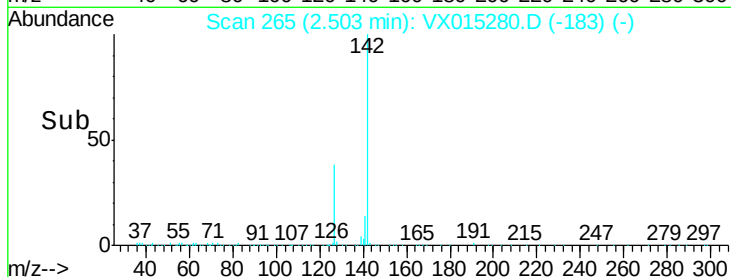
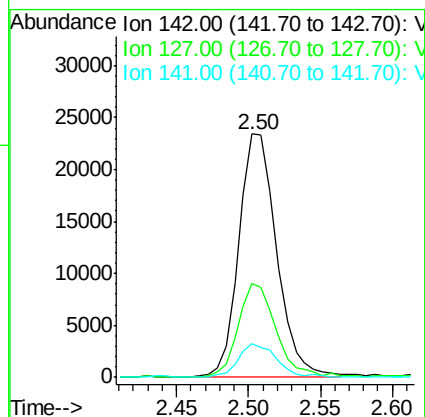
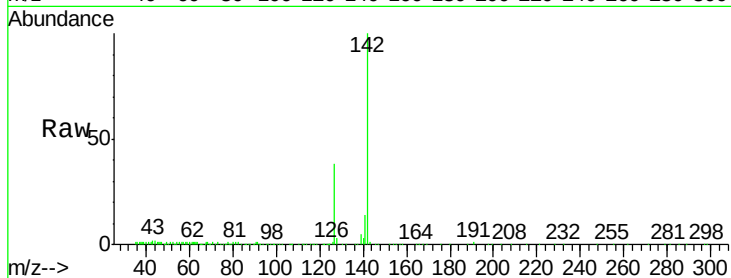
#11
Methvl Iodide
Concen: 14.412 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.2	18.9	56.9
141	14.0	6.6	19.7

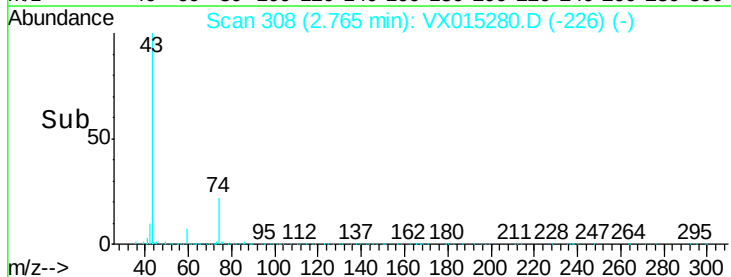
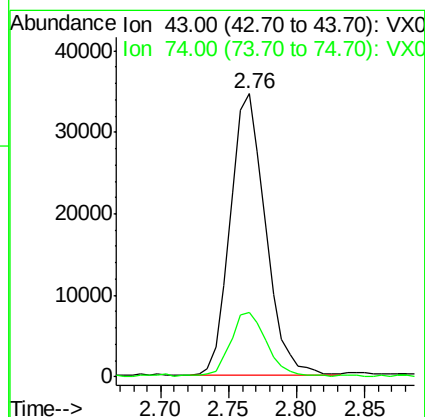
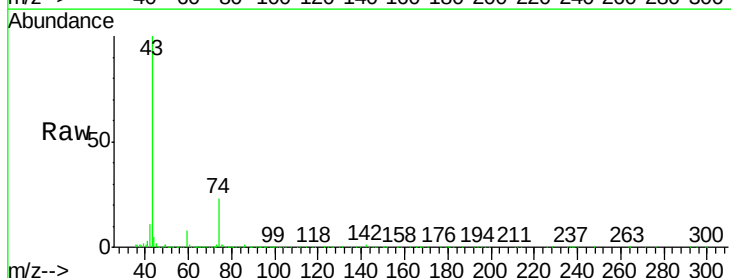
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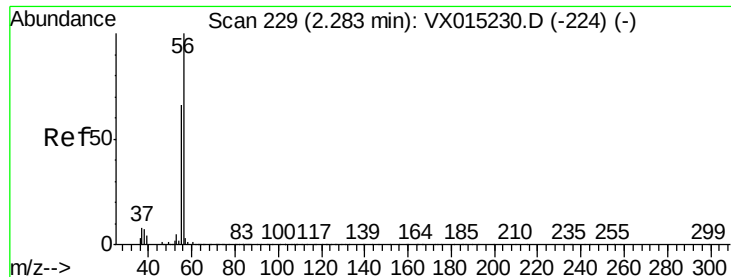
MMDadoda
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#12
Methyl Acetate
Concen: 17.432 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	18.0	27.0





#13

Acrolein

Concen: 73.313 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 41307

Ion Ratio Lower Upper

56 100

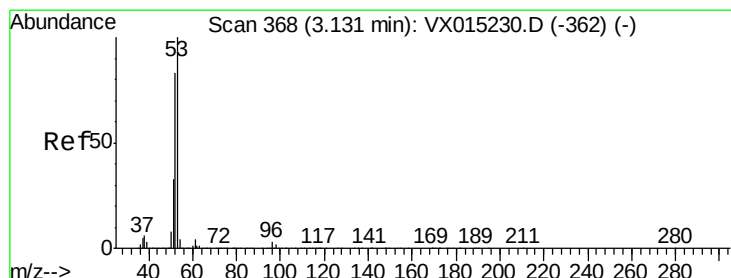
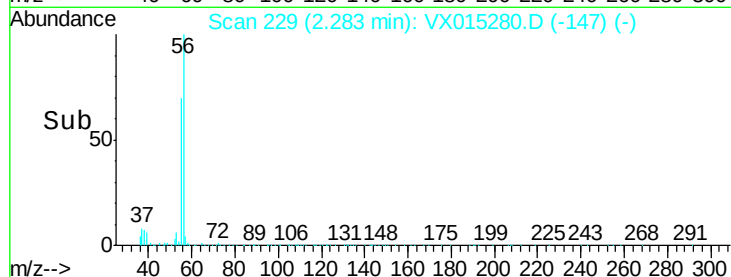
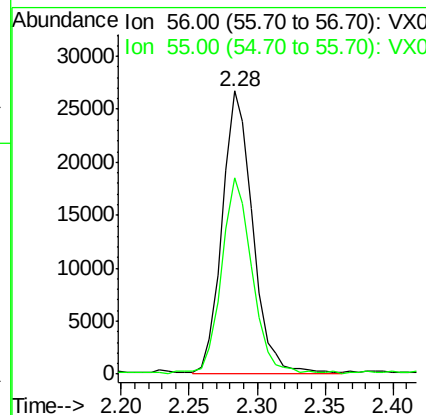
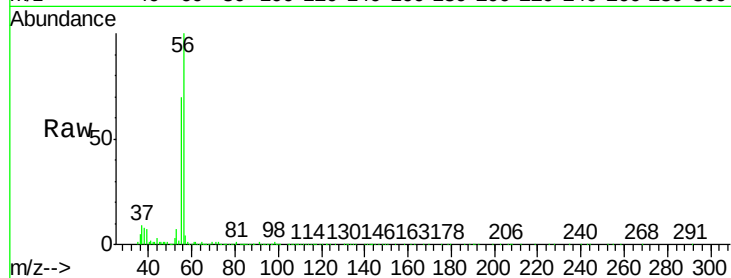
55 67.5 55.1 82.7

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#14

Acrylonitrile

Concen: 87.101 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

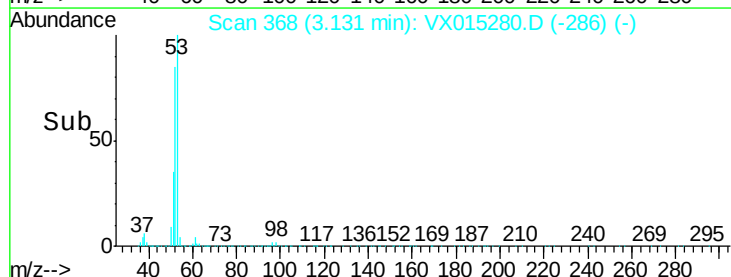
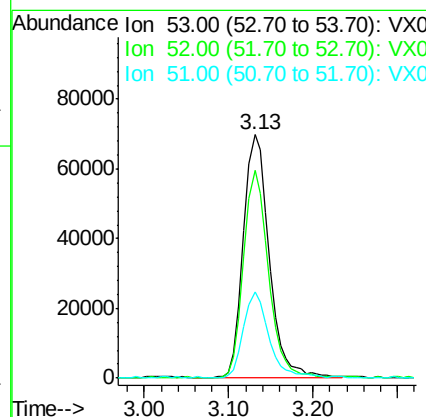
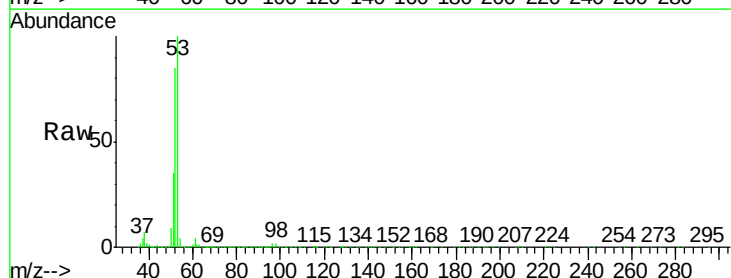
Tgt Ion: 53 Resp: 144205

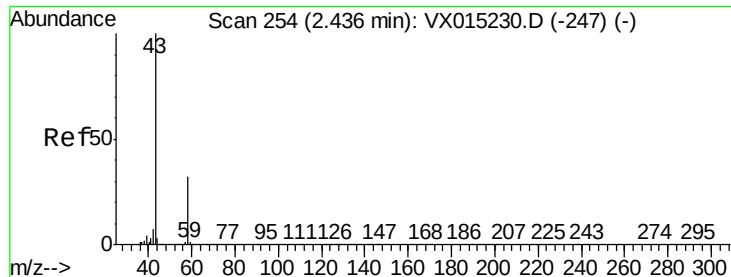
Ion Ratio Lower Upper

53 100

52 81.4 41.5 124.5

51 34.6 17.7 53.1





#15

Acetone

Concen: 72.953 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 35439

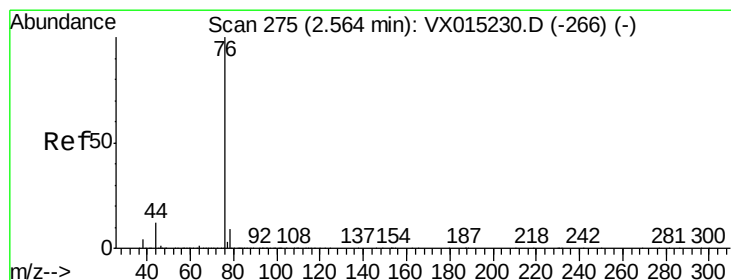
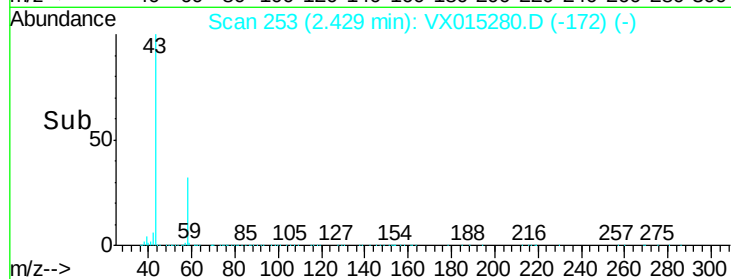
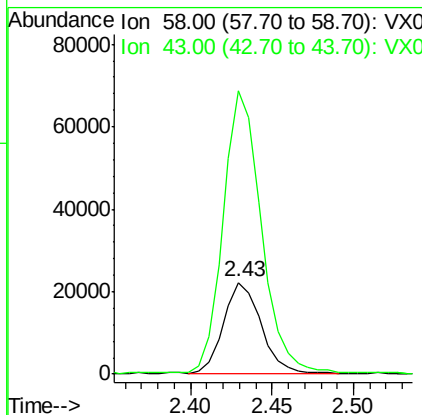
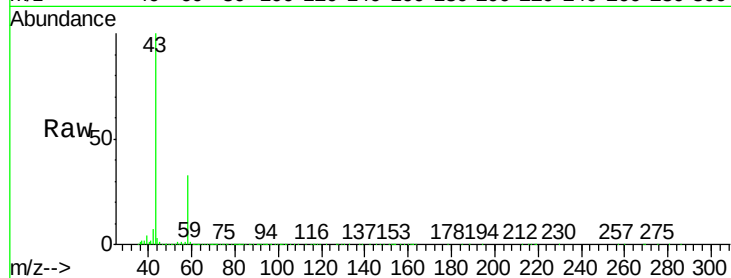
Ion Ratio Lower Upper

58 100

43 307.9 248.7 373.1

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#16

Carbon Disulfide

Concen: 16.419 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015280.D

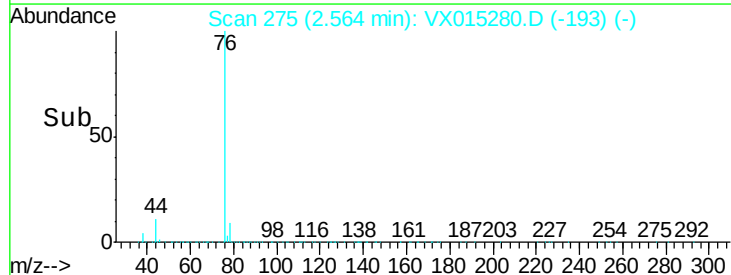
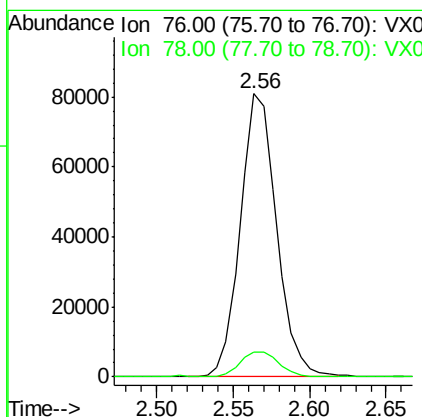
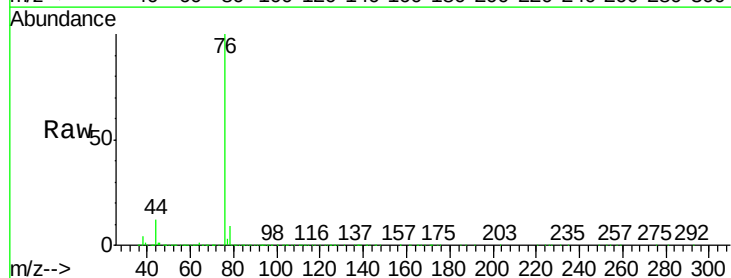
Acq: 14 Mar 2020 00:44

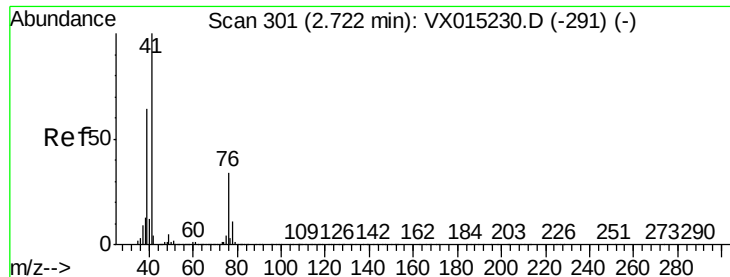
Tgt Ion: 76 Resp: 132980

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9





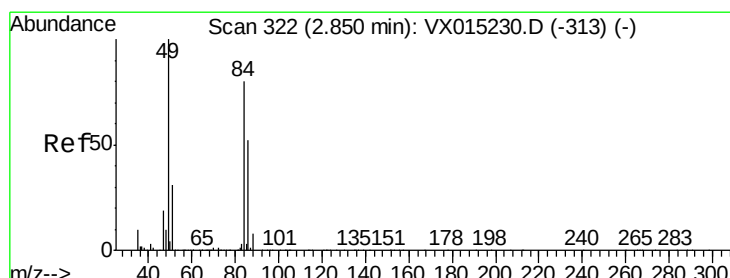
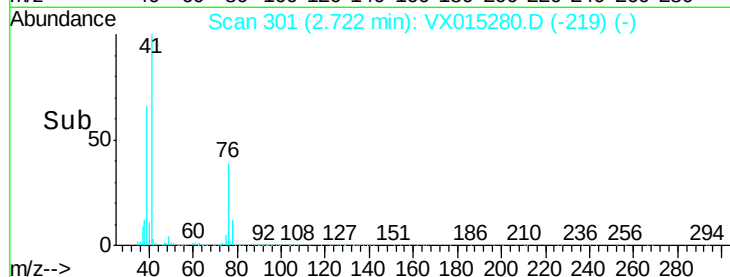
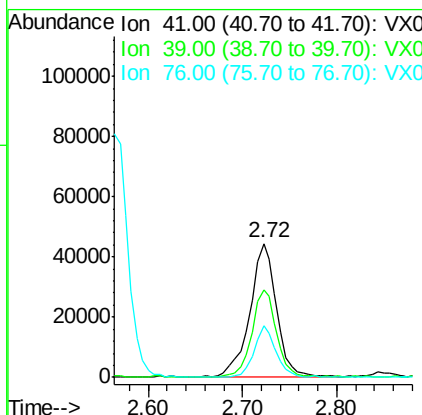
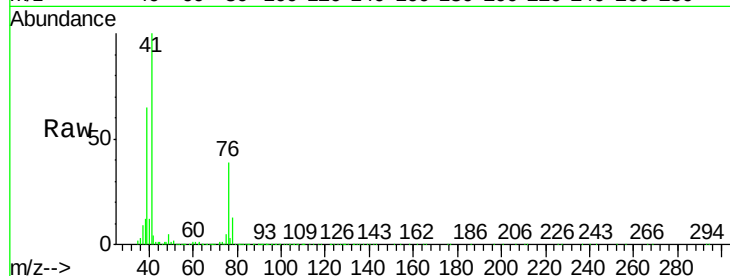
#17
 Allvl chloride
 Concen: 16.432 ug/l
 RT: 2.72 min Scan# 301
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:	41	Resp:	88172
Ion	Ratio	Lower	Upper
41	100		
39	64.9	32.1	96.5
76	38.6	17.2	51.5

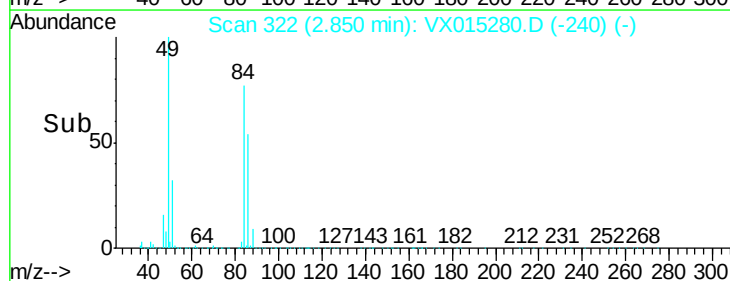
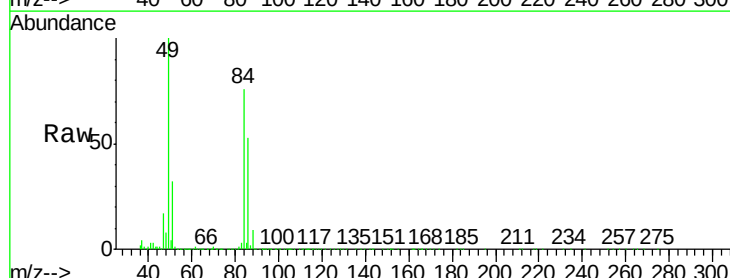
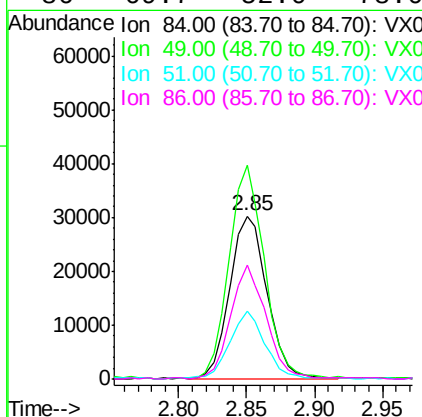
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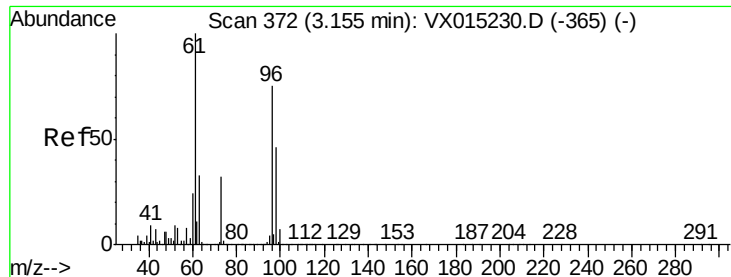
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#18
 Methylene Chloride
 Concen: 17.554 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Tgt Ion:	84	Resp:	57378
Ion	Ratio	Lower	Upper
84	100		
49	131.1	99.5	149.3
51	41.5	31.0	46.6
86	69.7	52.0	78.0





#19

trans-1,2-Dichloroethene

Concen: 17.469 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

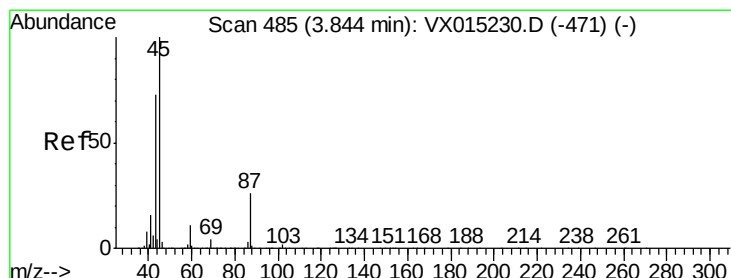
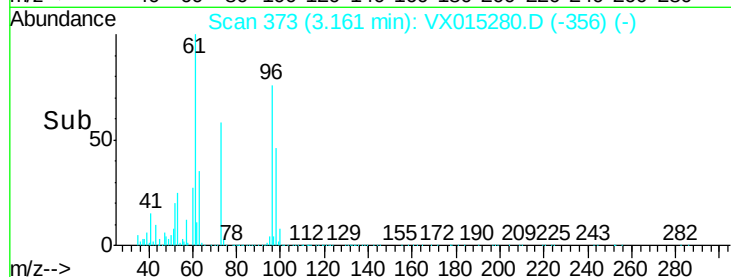
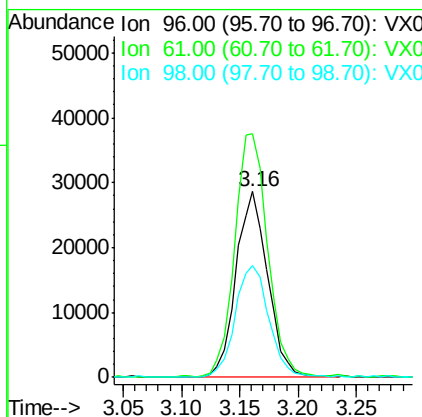
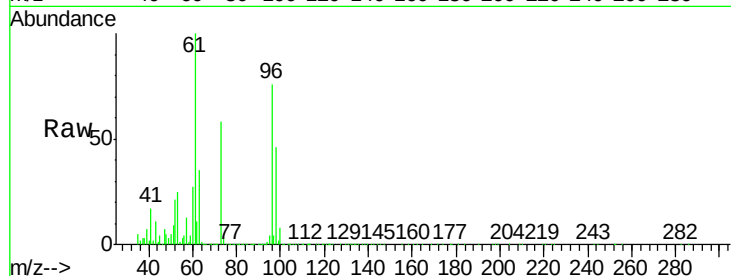
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	54499
Ion	Ratio	Lower	Upper
96	100		
61	130.7	106.3	159.5
98	60.1	49.1	73.7

Manual Integrations
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#20

Diisopropyl ether

Concen: 17.646 ug/l

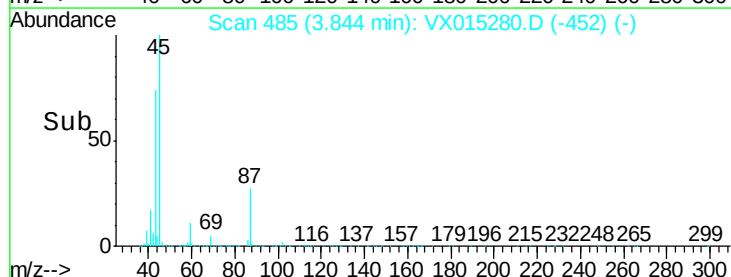
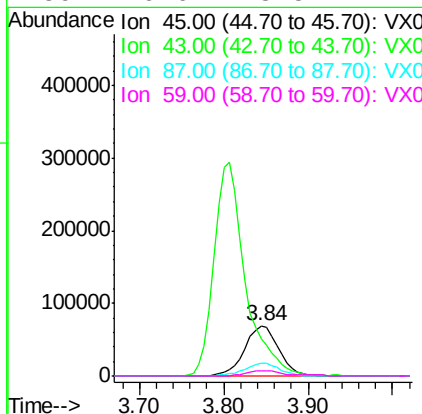
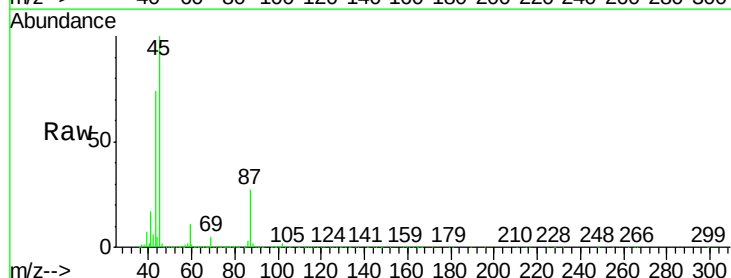
RT: 3.84 min Scan# 485

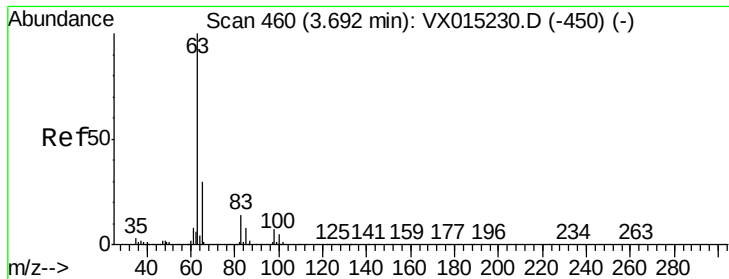
Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Tgt Ion:	45	Resp:	188082
Ion	Ratio	Lower	Upper
45	100		
43	72.9	58.6	87.8
87	26.7	21.0	31.4
59	10.6	8.5	12.7





#21

1,1-Dichloroethane

Concen: 17.505 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

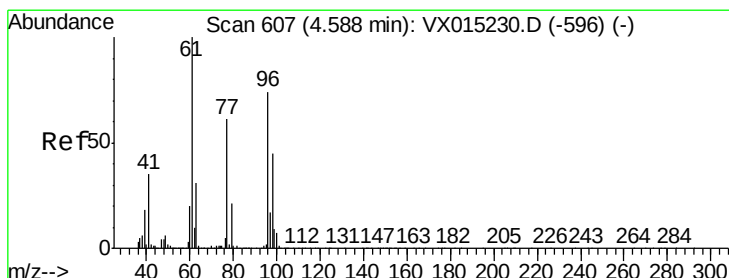
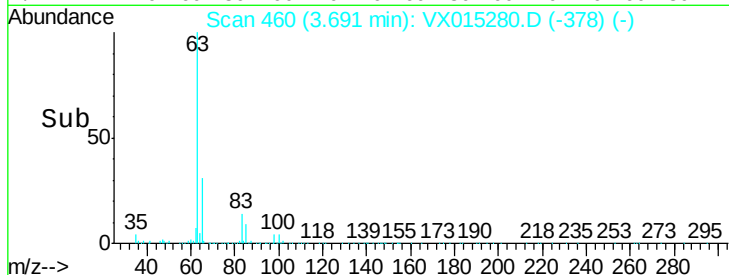
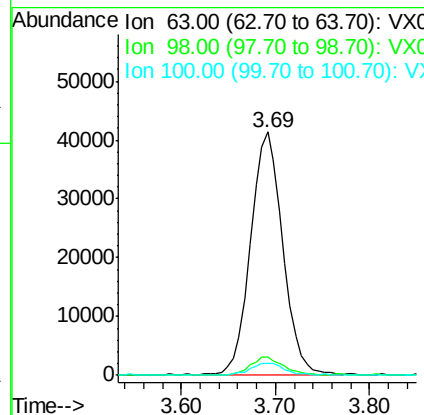
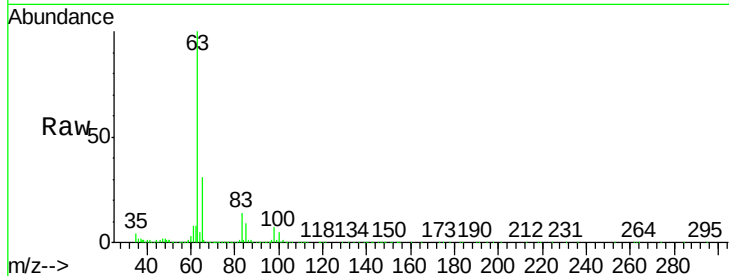
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	98863
Ion Ratio	Lower	Upper	
63	100		
98	7.3	3.5	10.6
100	5.0	2.4	7.1

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#22

cis-1,2-Dichloroethene

Concen: 17.739 ug/l

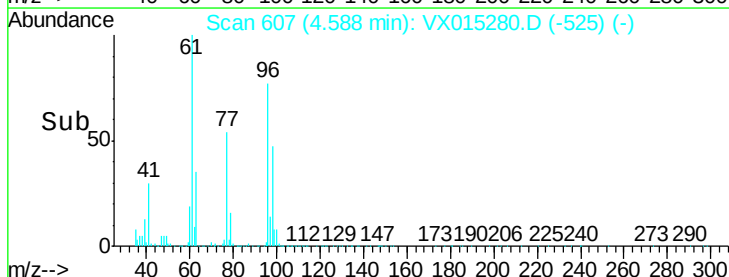
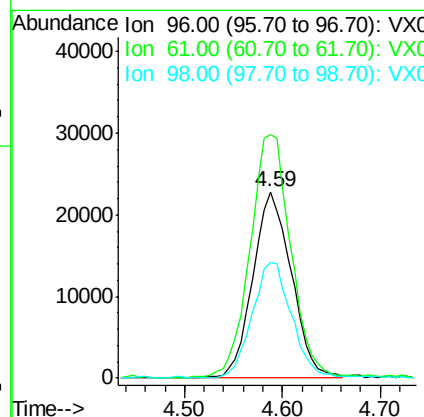
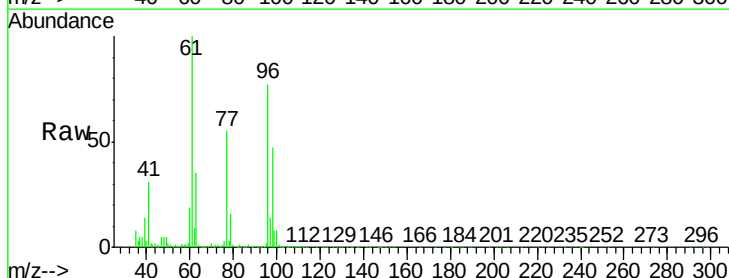
RT: 4.59 min Scan# 607

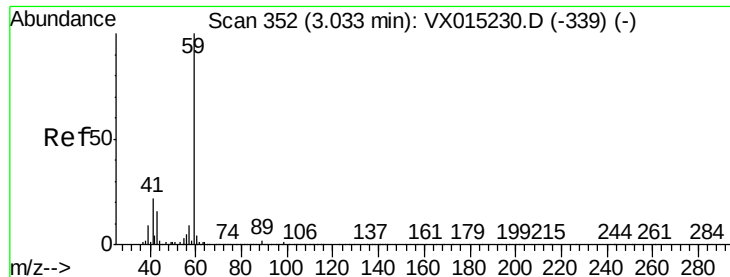
Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Tgt Ion:	96	Resp:	62556
Ion Ratio	Lower	Upper	
96	100		
61	136.9	111.4	167.0
98	63.4	50.1	75.1





#23

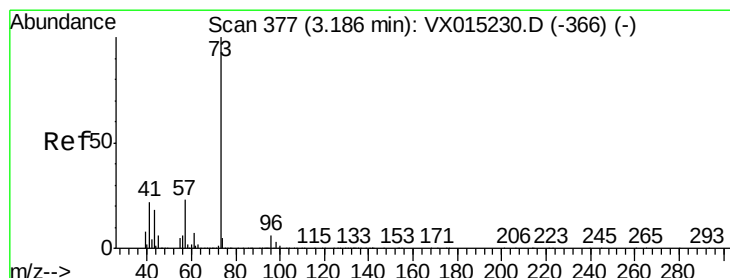
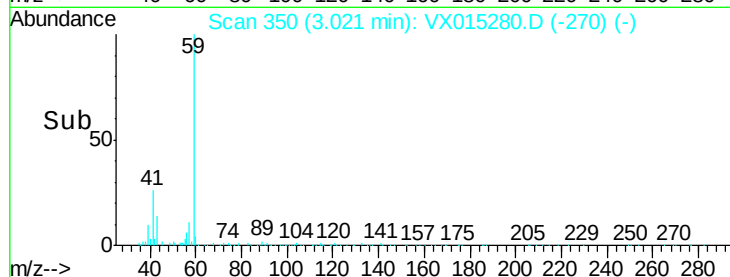
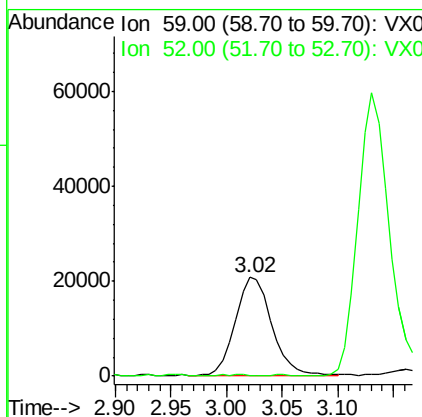
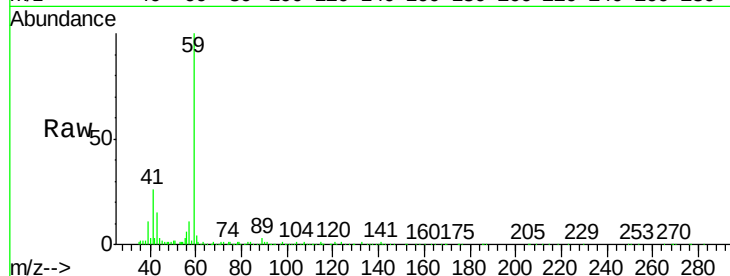
tert-Butyl Alcohol
Concen: 72.555 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.4	0.6#

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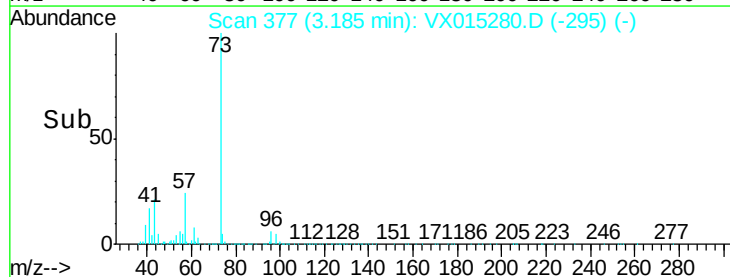
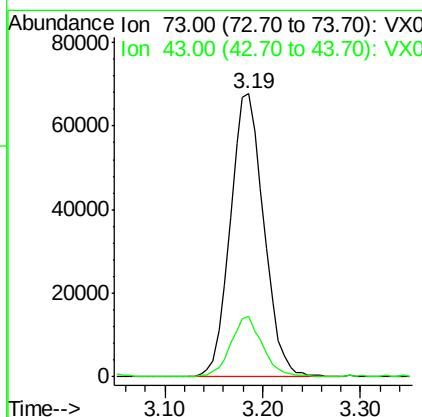
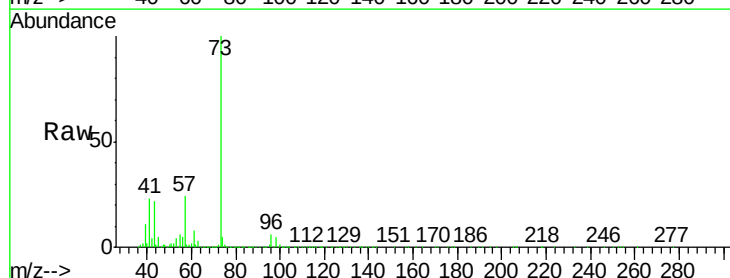
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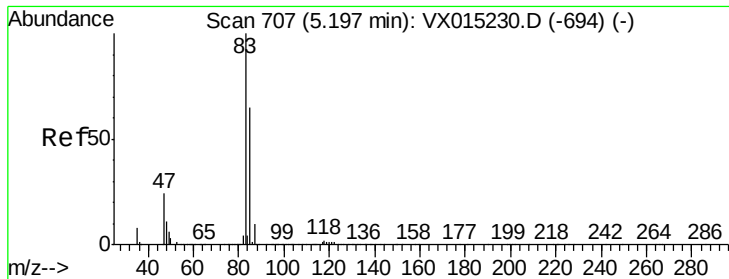


#24

Methyl tert-Butyl Ether
Concen: 17.228 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.7	15.9	23.9





#25

Chloroform

Concen: 18.027 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 96850

Ion Ratio Lower Upper

83 100

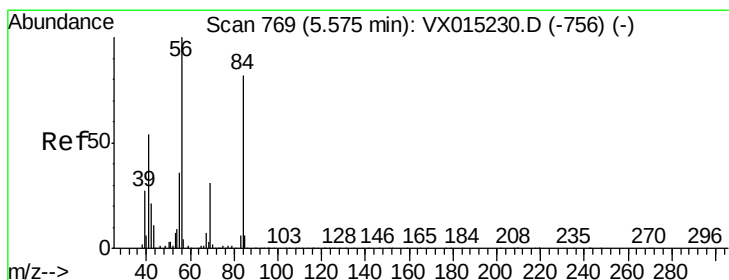
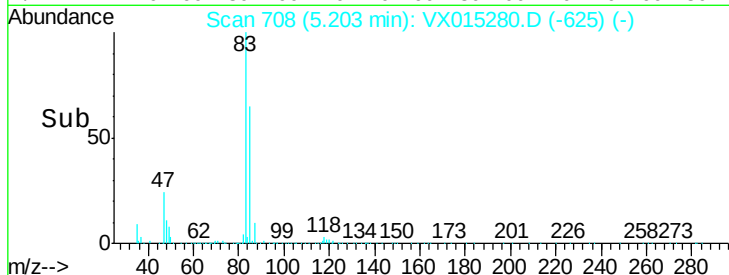
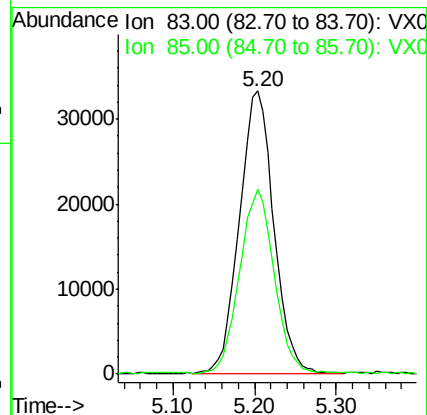
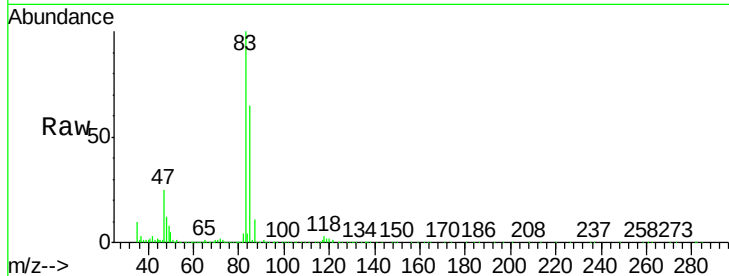
85 65.3 51.4 77.2

Manual Integrations

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#26

Cyclohexane

Concen: 17.514 ug/l

RT: 5.58 min Scan# 769

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

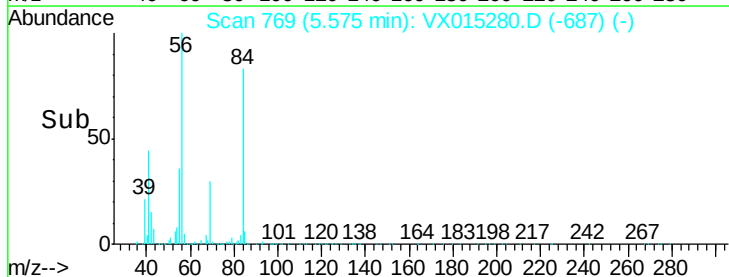
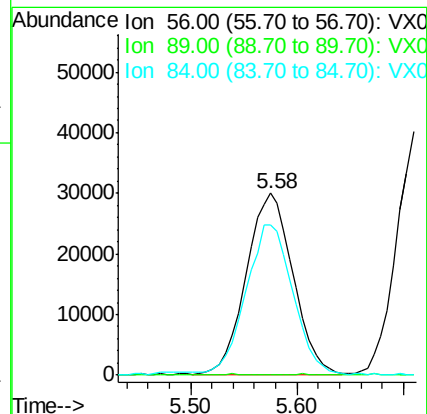
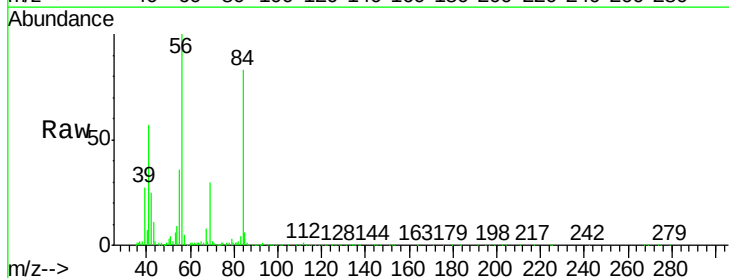
Tgt Ion: 56 Resp: 91920

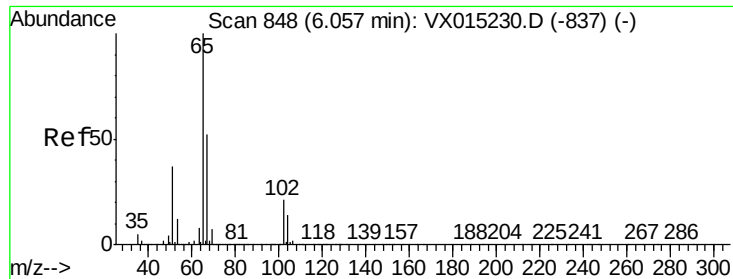
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 83.1 68.2 102.4





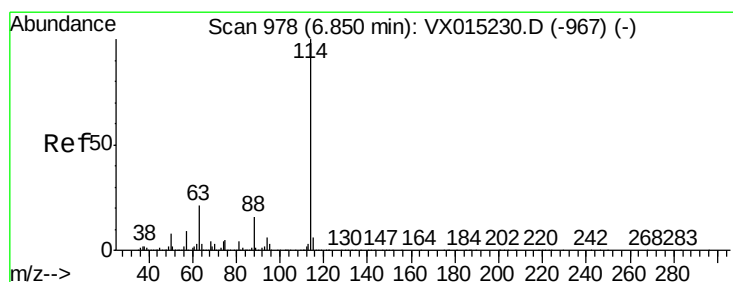
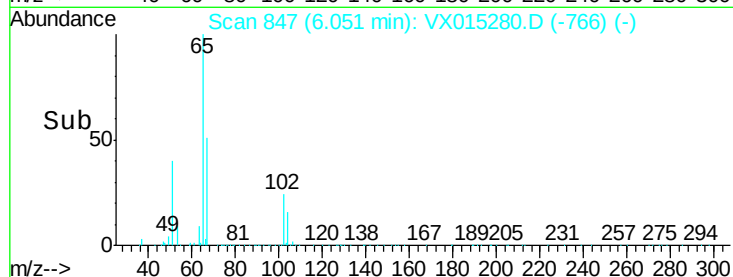
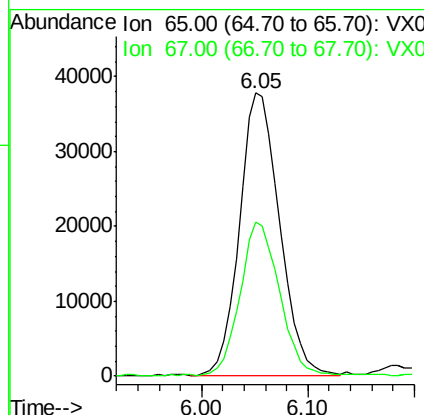
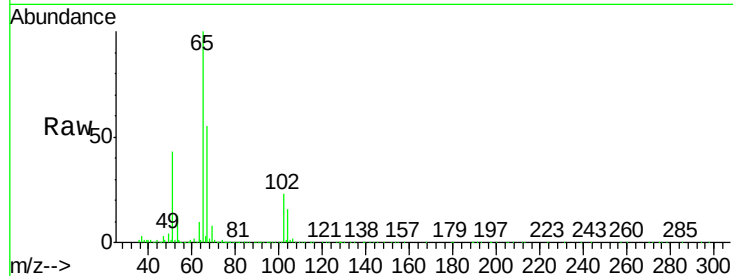
#27
 1,2-Dichloroethane-d4
 Concen: 29.642 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	43.5	65.3

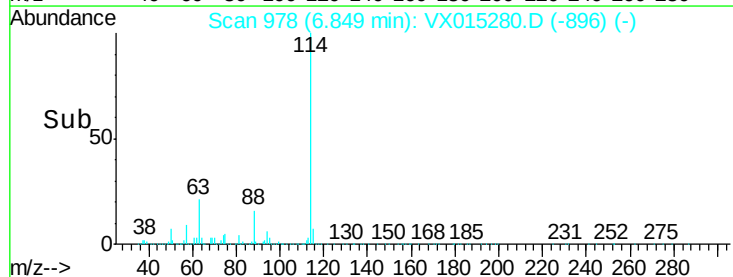
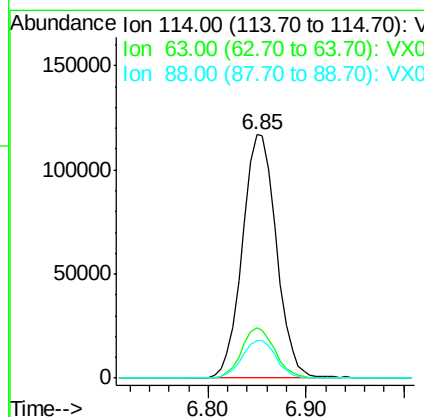
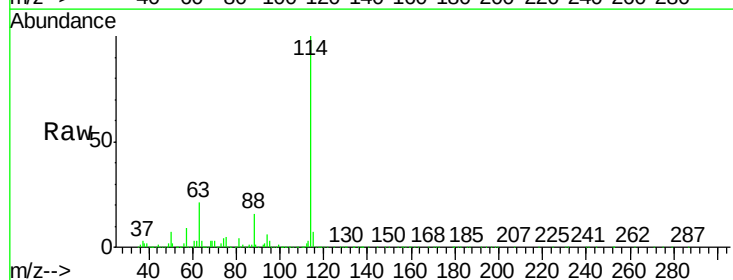
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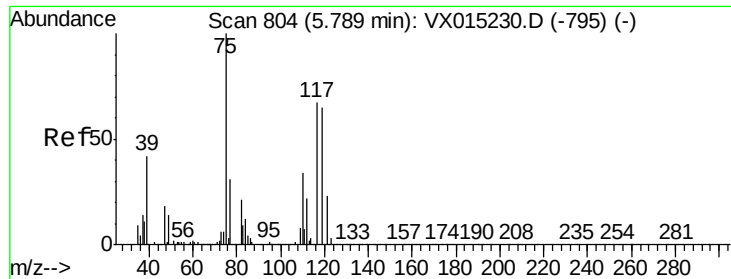
MMDadoda
 3/16/2020 2:07:42 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.6	24.8
88	15.4	12.6	19.0





#29

1,1-Dichloropropene

Concen: 16.908 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

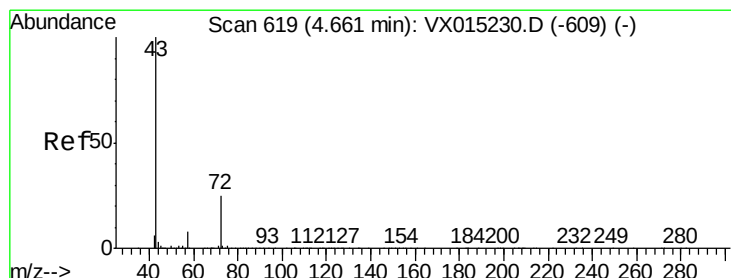
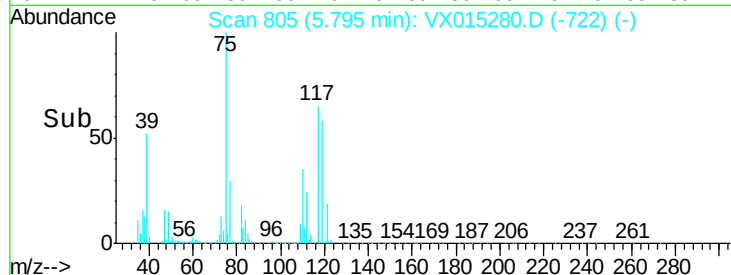
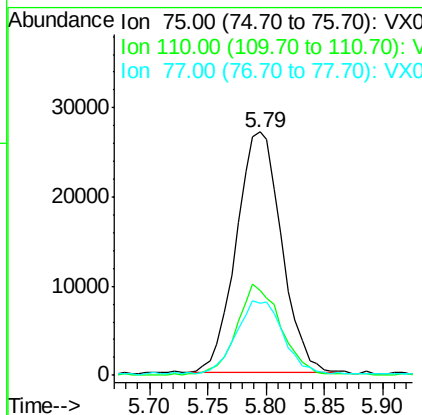
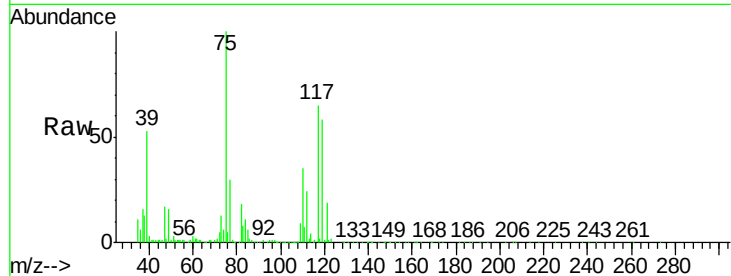
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	73310
Ion Ratio	Lower	Upper	
75	100		
110	36.6	0.0	73.6
77	31.9	0.0	63.4

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#30

2-Butanone

Concen: 80.856 ug/l

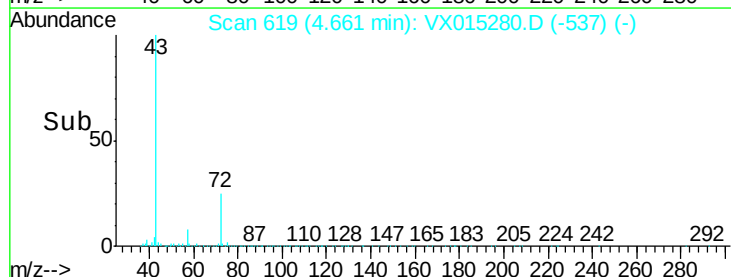
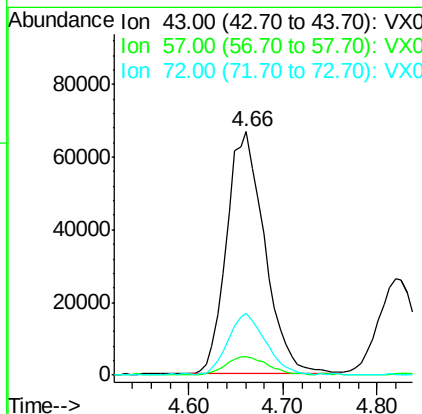
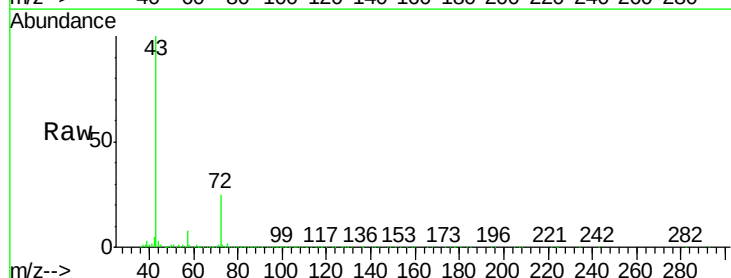
RT: 4.66 min Scan# 619

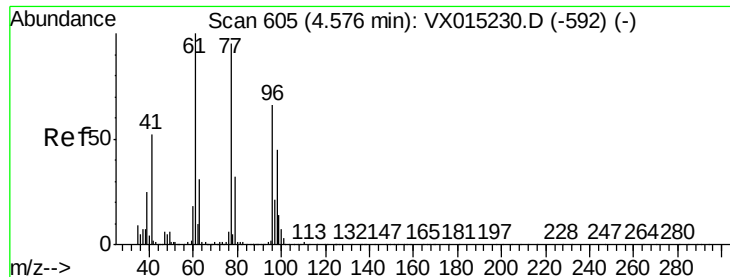
Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Tgt Ion:	43	Resp:	187746
Ion Ratio	Lower	Upper	
43	100		
57	7.8	6.4	9.6
72	24.7	19.9	29.9





#31

2,2-Dichloropropane

Concen: 12.977 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 57803

Ion Ratio Lower Upper

77 100

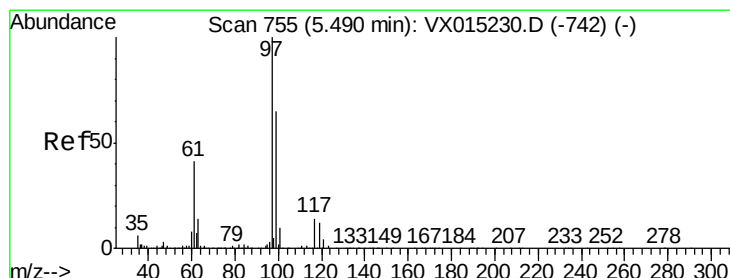
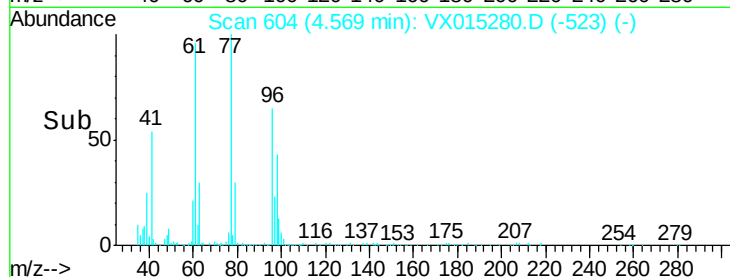
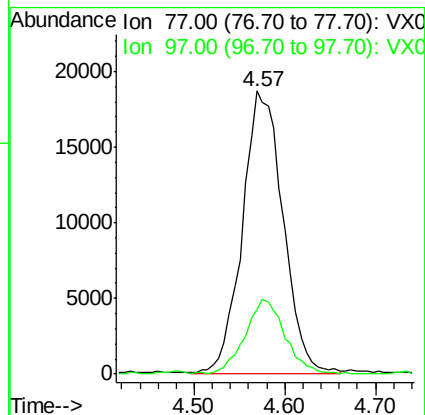
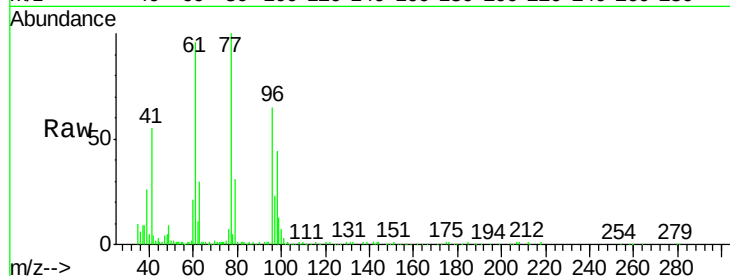
97 25.5 19.8 29.6

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#32

1,1,1-Trichloroethane

Concen: 16.961 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

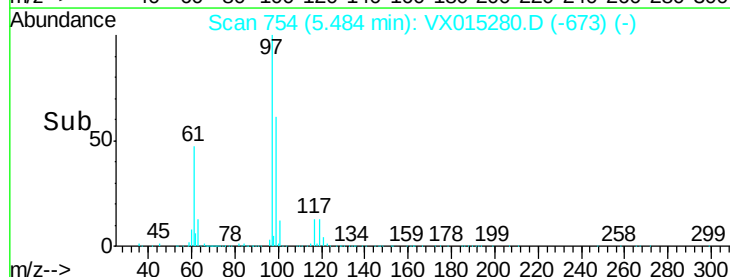
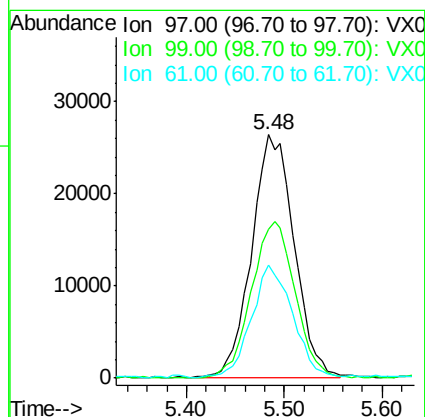
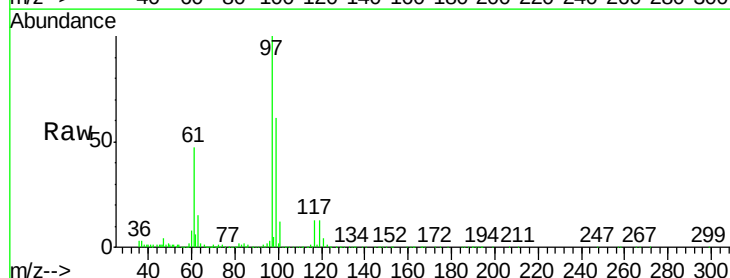
Tgt Ion: 97 Resp: 80029

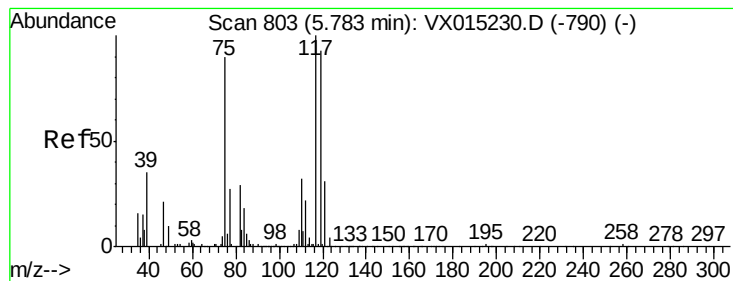
Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

61 44.6 35.0 52.6





#33

Carbon Tetrachloride

Concen: 17.186 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

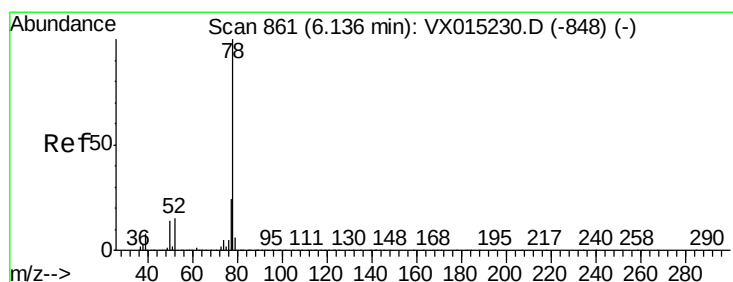
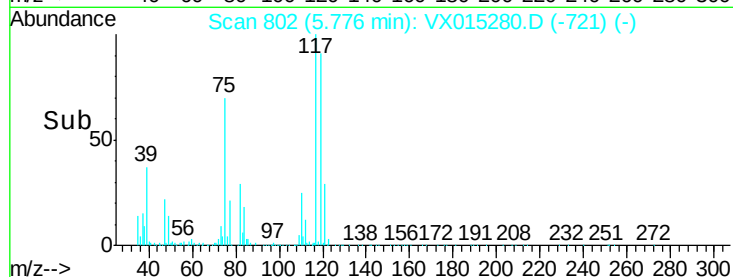
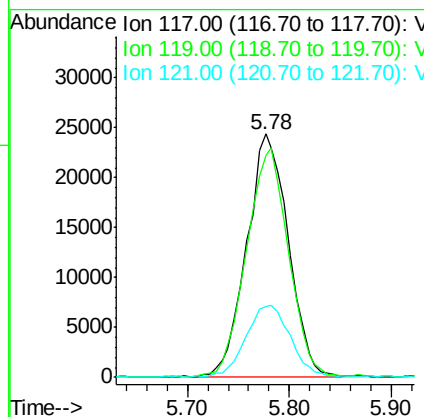
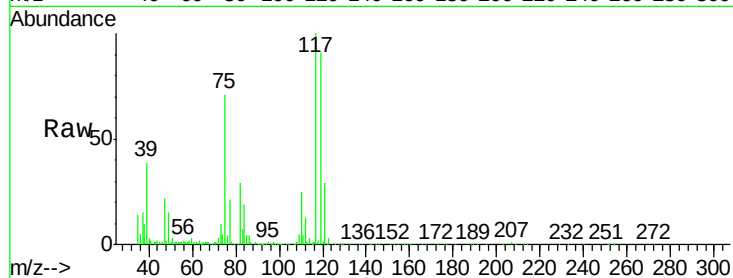
ClientSampleId :

VSTDCCC020EC

Tot Ion:	117	Resp:	69393
Ion	Ratio	Lower	Upper
117	100		
119	90.8	74.2	111.4
121	29.0	24.3	36.5

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#34

Benzene

Concen: 17.973 ug/l

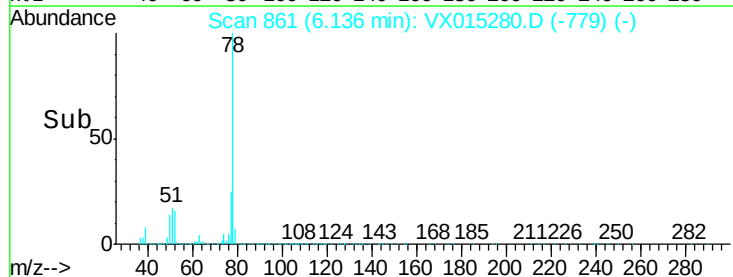
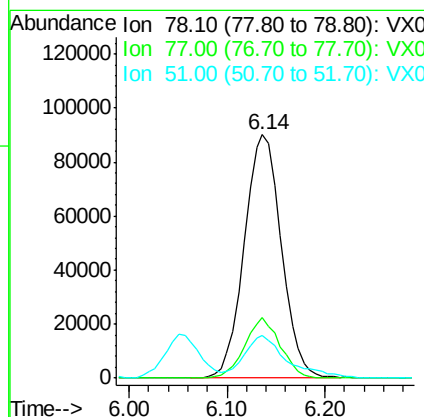
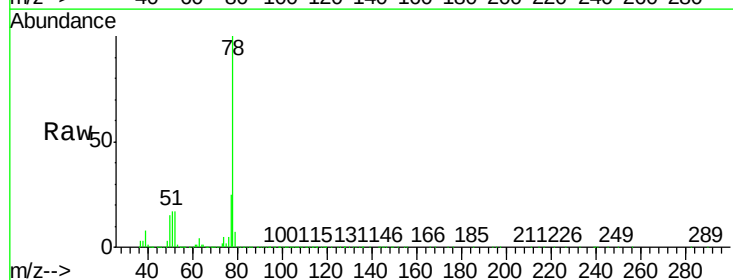
RT: 6.14 min Scan# 861

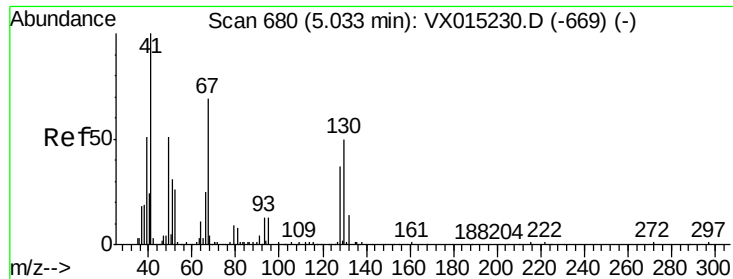
Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Tgt Ion:	78	Resp:	236142
Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.1	28.7
51	16.2	13.4	20.2





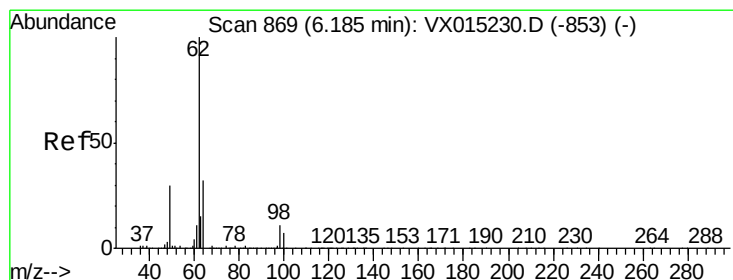
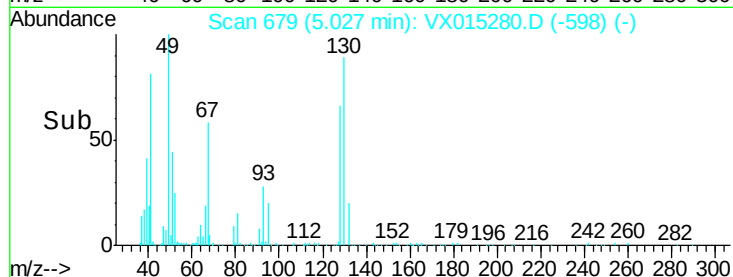
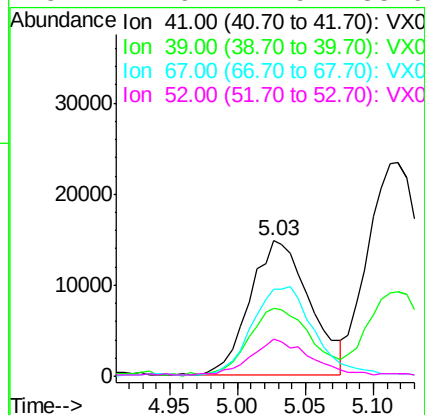
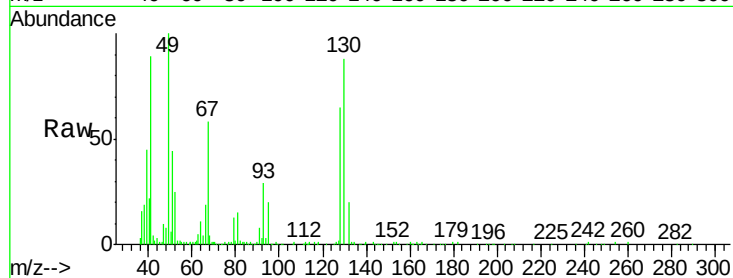
#35
Methacrylonitrile
Concen: 18.068 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	45356
Ion Ratio	Lower	Upper	
41	100		
39	49.2	25.7	77.1
67	65.1	34.3	102.8
52	27.6	12.9	38.6

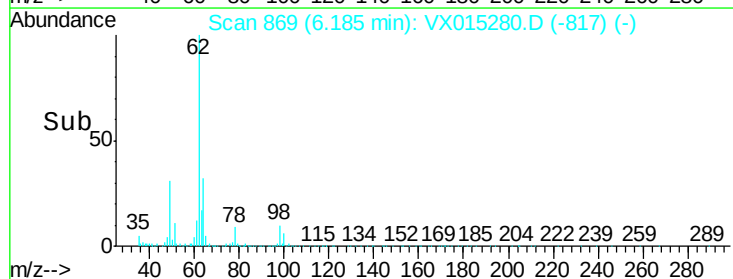
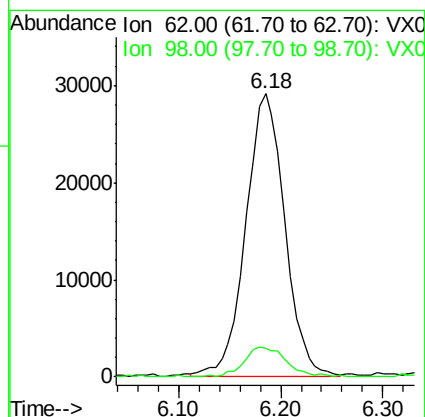
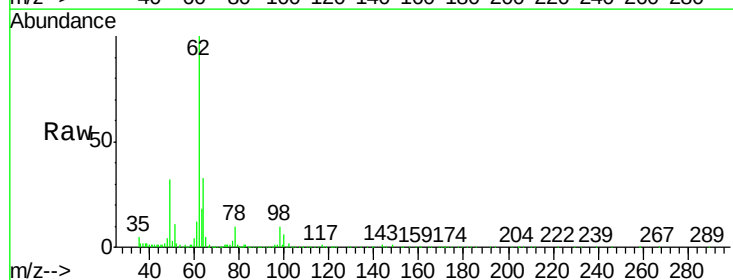
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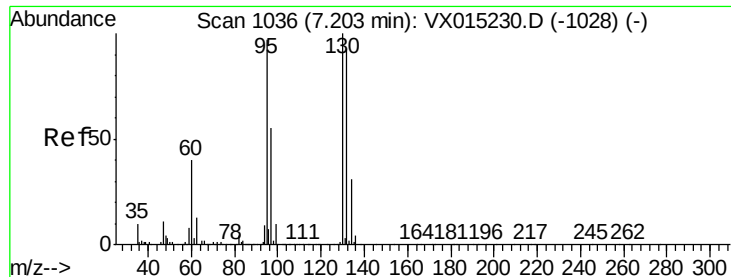
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#36
1,2-Dichloroethane
Concen: 17.650 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.18 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion:	62	Resp:	77354
Ion Ratio	Lower	Upper	
62	100		
98	10.9	8.4	12.6





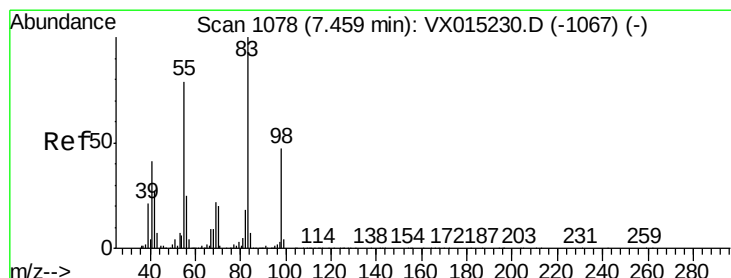
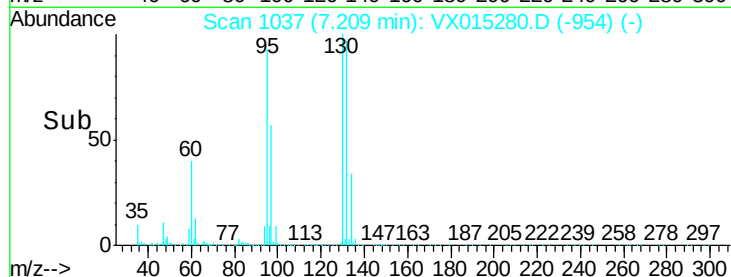
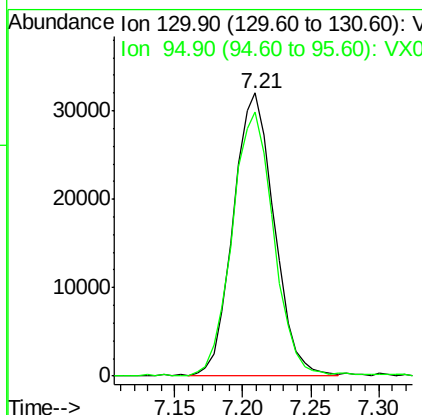
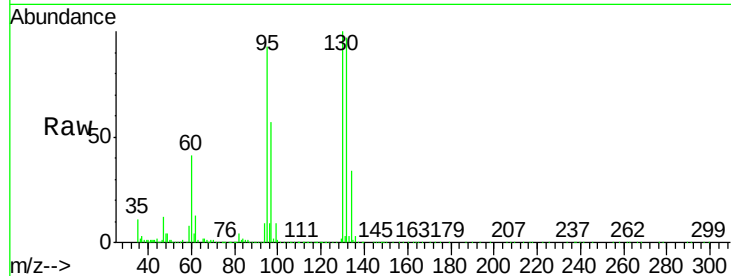
#37
 Trichloroethene
 Concen: 18.547 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 67395
 Ion Ratio Lower Upper
 130 100
 95 93.6 77.4 116.0

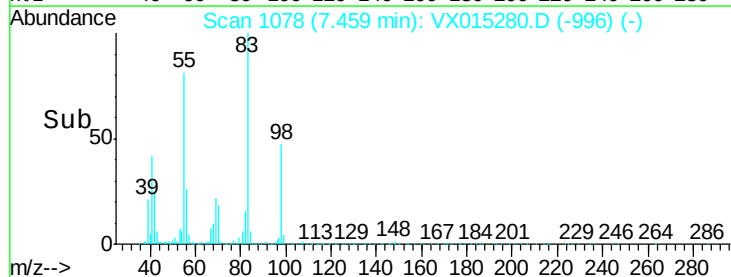
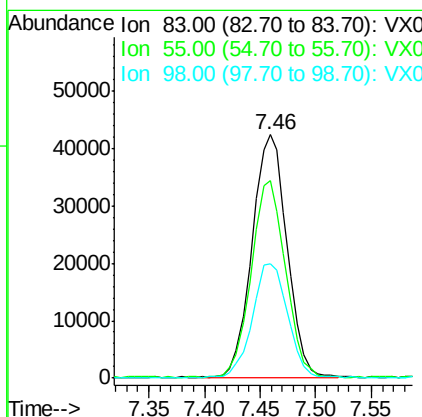
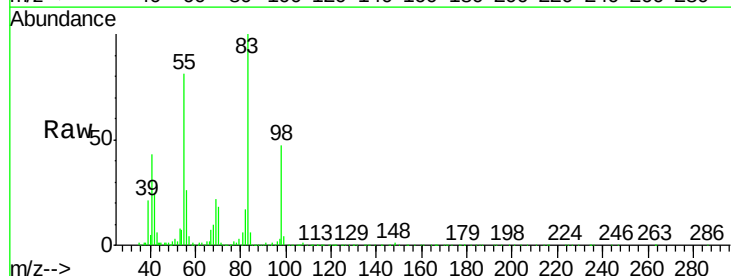
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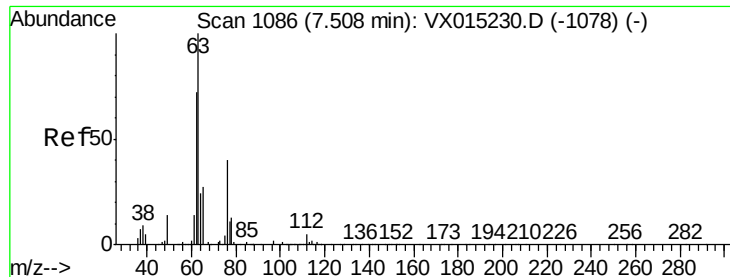
MMDadoda
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#38
 Methylcyclohexane
 Concen: 17.587 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Tgt Ion: 83 Resp: 92651
 Ion Ratio Lower Upper
 83 100
 55 79.0 39.1 117.2
 98 47.7 24.4 73.2





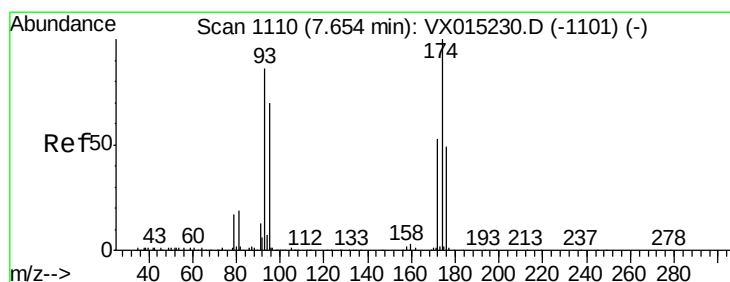
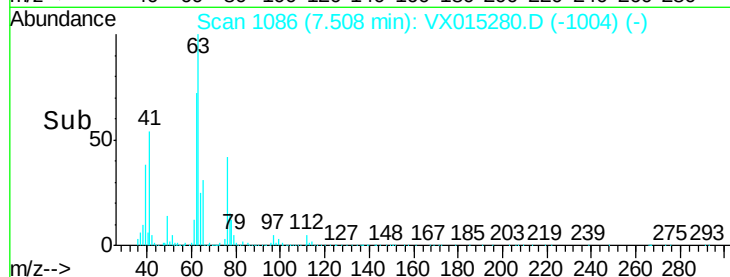
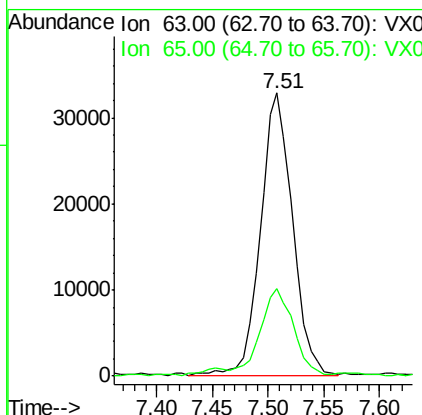
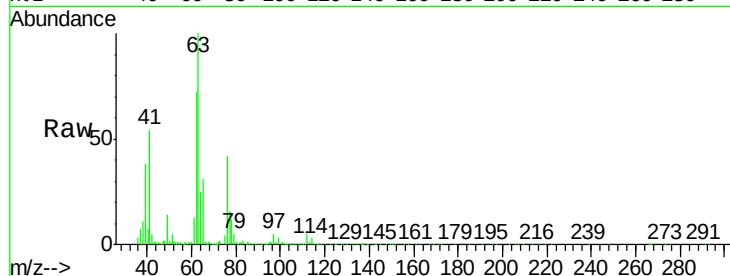
#39
 1,2-Dichloropropane
 Concen: 19.299 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	23.2	34.8

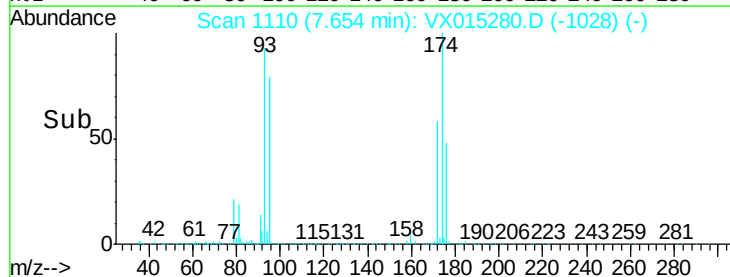
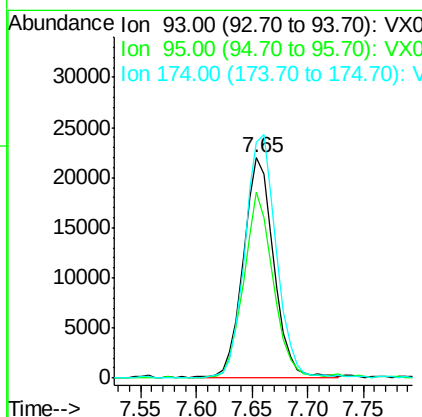
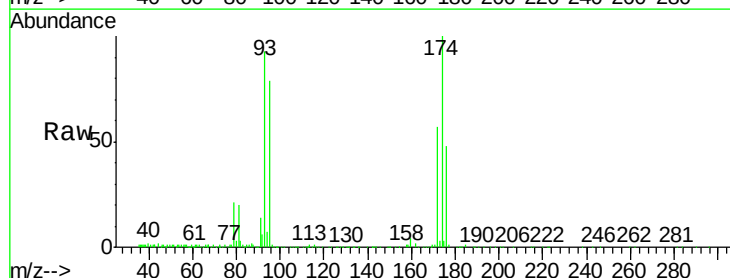
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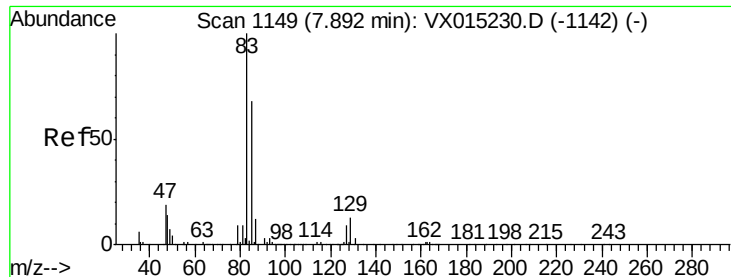
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#40
 Dibromomethane
 Concen: 19.262 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	0.0	162.6
174	114.7	0.0	233.6





#41

Bromodichloromethane

Concen: 18.942 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

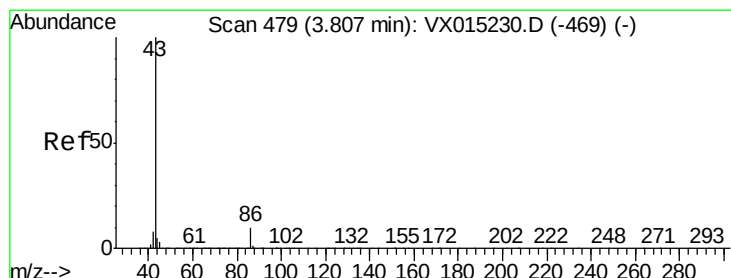
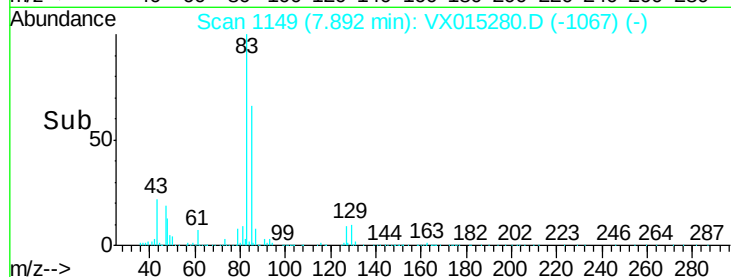
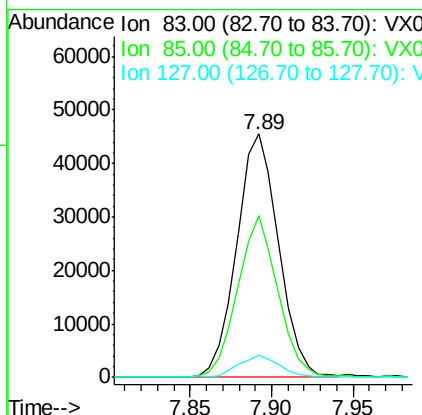
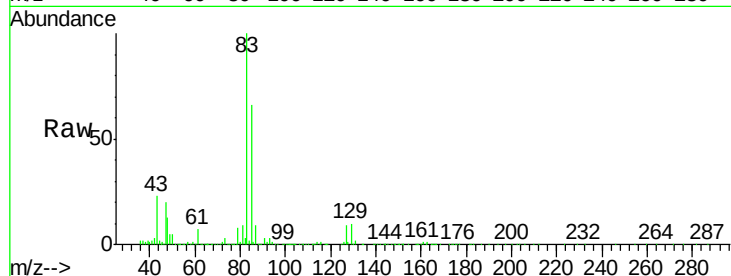
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	80817
Ion Ratio	Lower	Upper	
83	100		
85	66.3	54.2	81.4
127	9.2	7.1	10.7

Manual Integrations
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#42

Vinyl Acetate

Concen: 82.470 ug/l

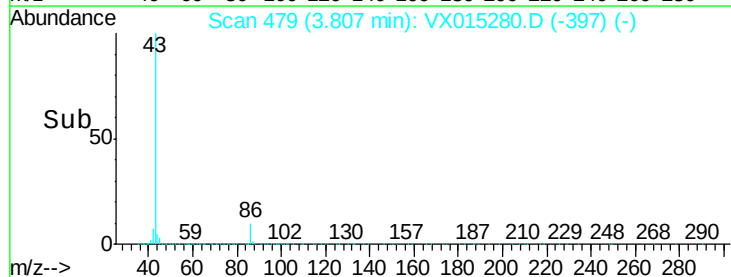
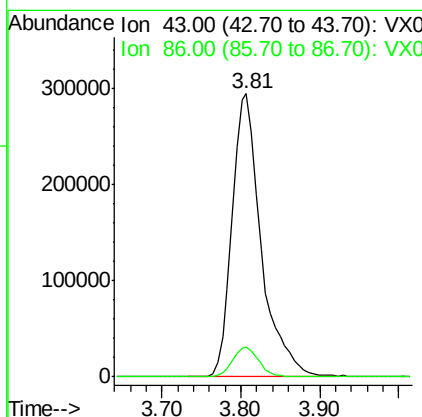
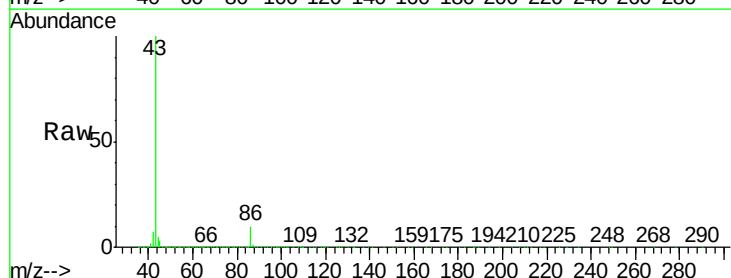
RT: 3.81 min Scan# 479

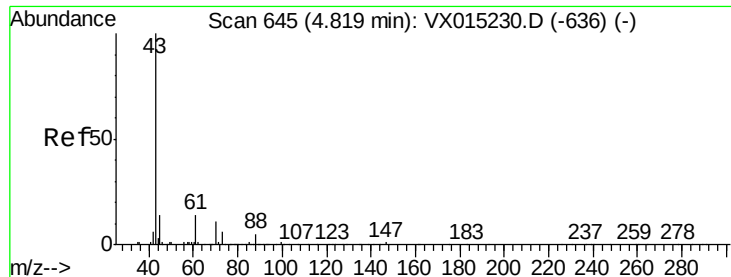
Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Tgt Ion:	43	Resp:	755156
Ion Ratio	Lower	Upper	
43	100		
86	9.5	7.4	11.2





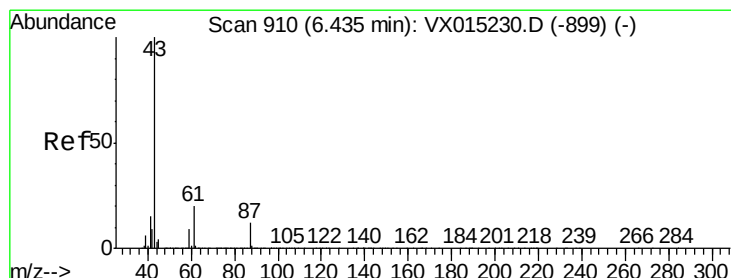
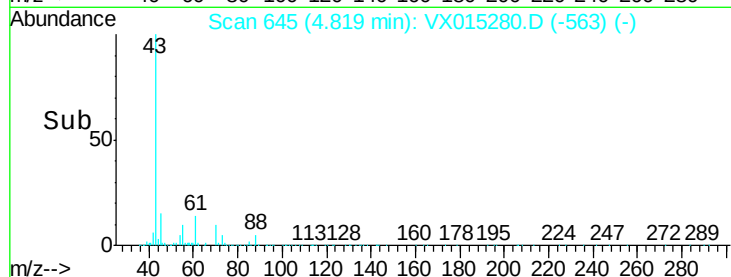
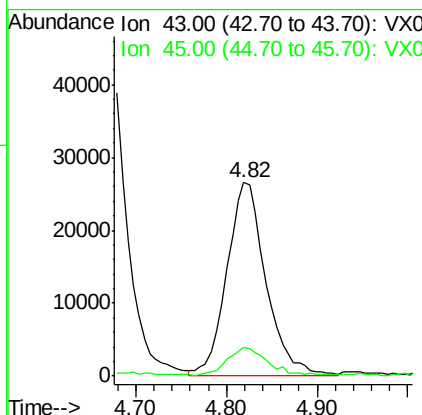
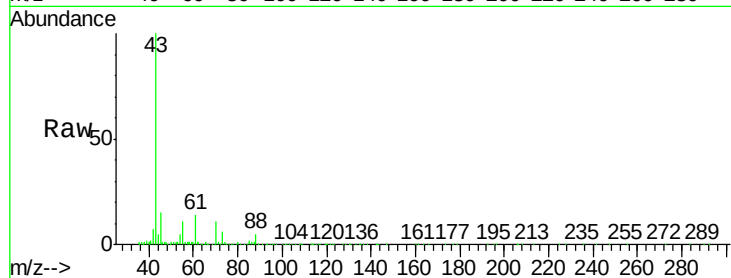
#43
Ethyl Acetate
Concen: 17.955 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	Resp	79100
Ion Ratio	100	Lower	Upper
43	100		
45	13.0	11.7	17.5

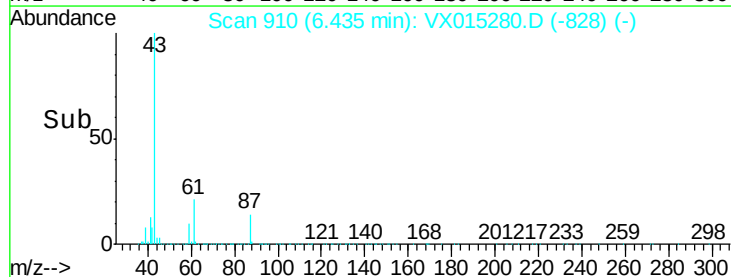
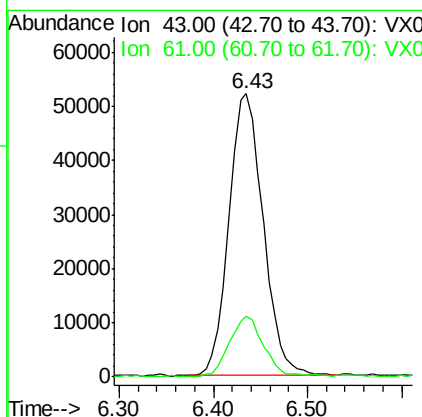
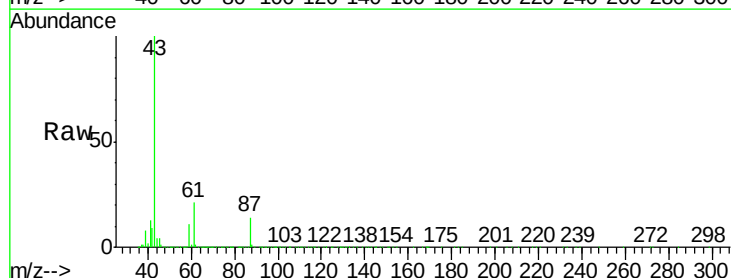
Manual Integrations
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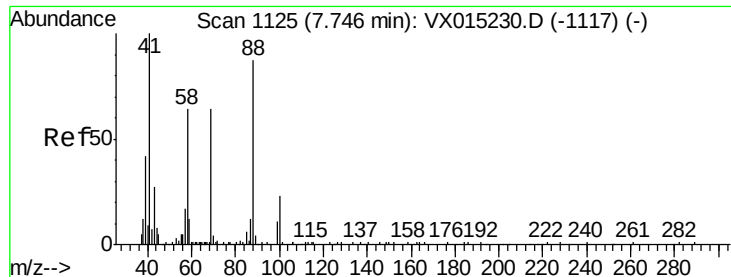
MMDadoda
3/16/2020 2:07:42 PM



#44
Isopropyl Acetate
Concen: 17.674 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion	43	Resp	131702
Ion Ratio	100	Lower	Upper
43	100		
61	20.6	17.0	25.4





#45

1,4-Dioxane

Concen: 327.336 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

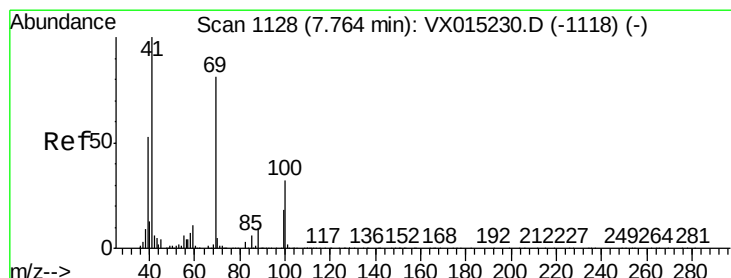
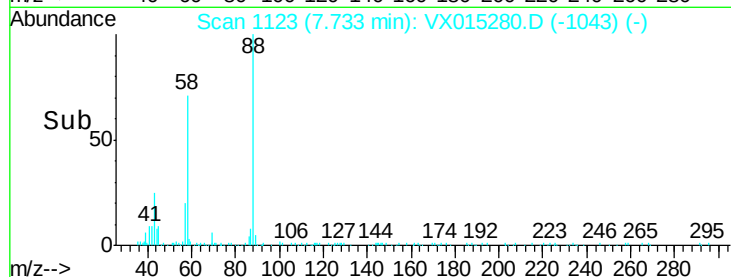
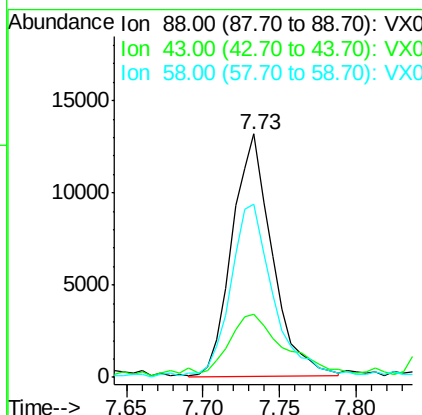
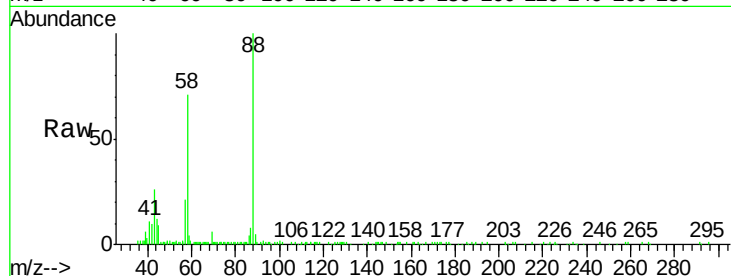
ClientSampleId :

VSTDCCC020EC

Tot Ion:	88	Resp:	23957
Ion	Ratio	Lower	Upper
88	100		
43	31.9	26.4	39.6
58	73.1	57.3	85.9

Manual Integrations
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#46

Methyl methacrylate

Concen: 18.622 ug/l

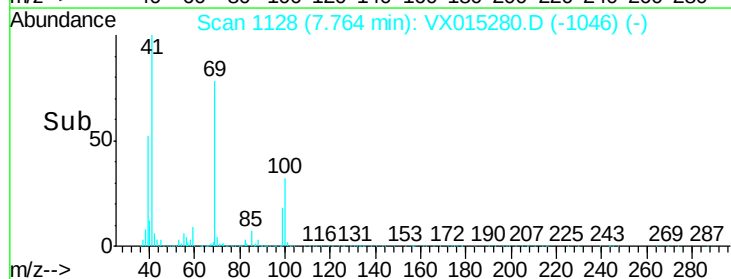
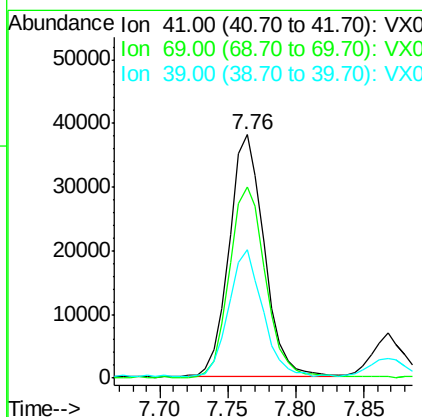
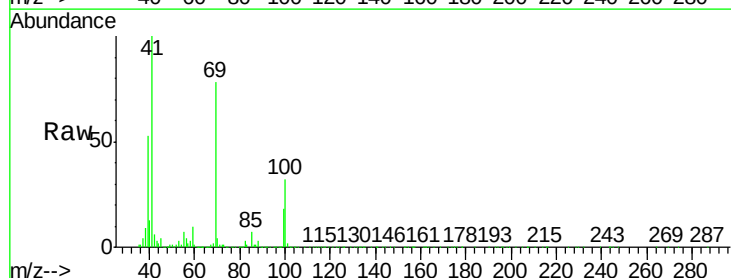
RT: 7.76 min Scan# 1128

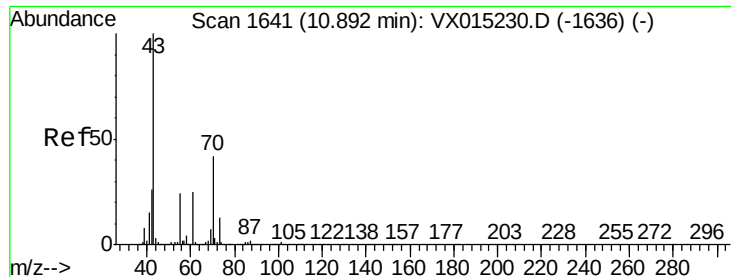
Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Tgt Ion:	41	Resp:	68427
Ion	Ratio	Lower	Upper
41	100		
69	78.7	40.5	121.4
39	52.4	26.6	79.8





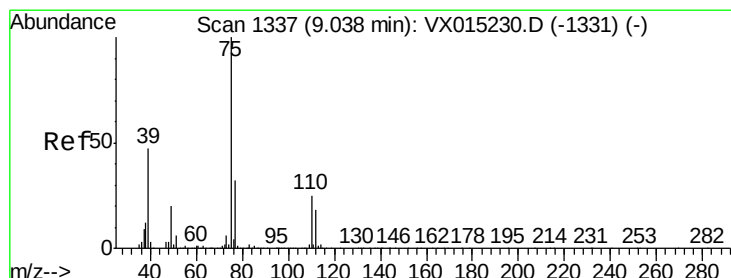
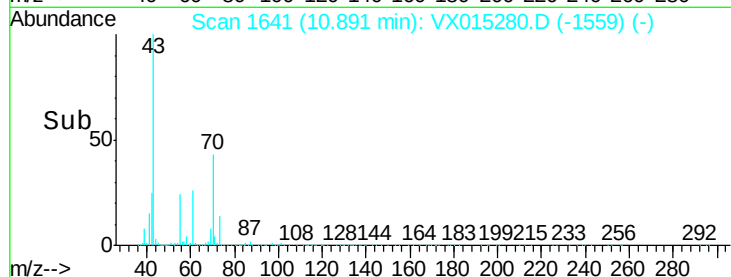
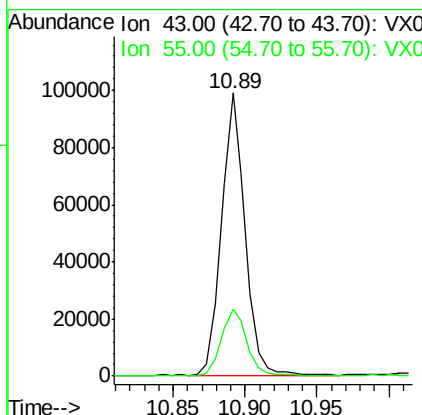
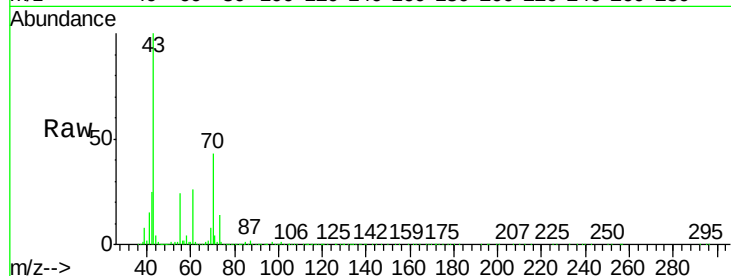
#47
n-amvl Acetate
Concen: 16.876 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 112838
Ion Ratio Lower Upper
43 100
55 25.1 20.4 30.6

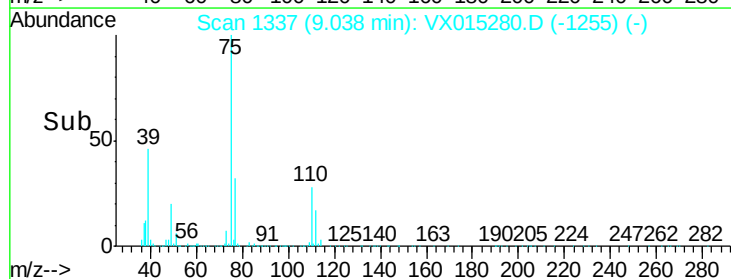
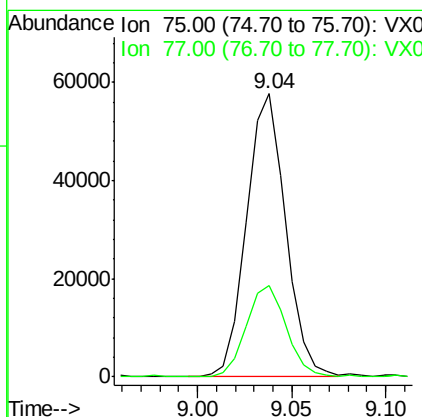
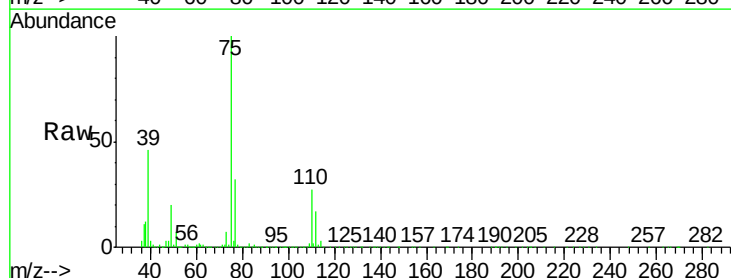
Manual Integrations
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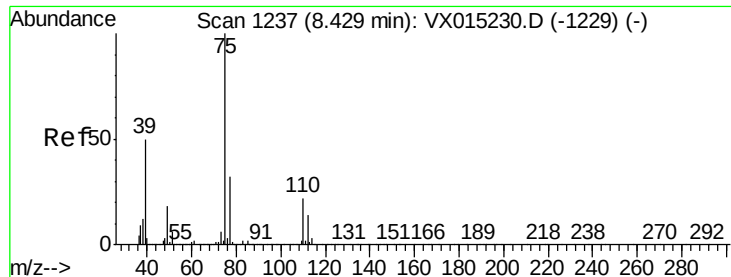
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 17.760 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion: 75 Resp: 82395
Ion Ratio Lower Upper
75 100
77 32.3 25.1 37.7





#49

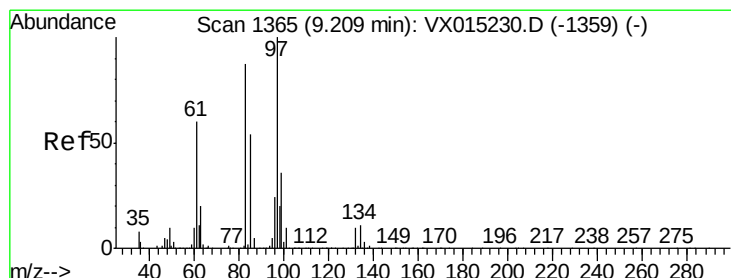
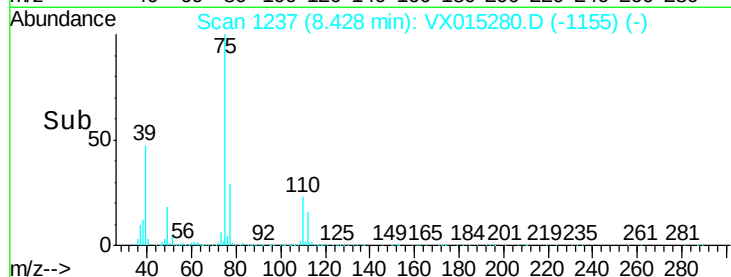
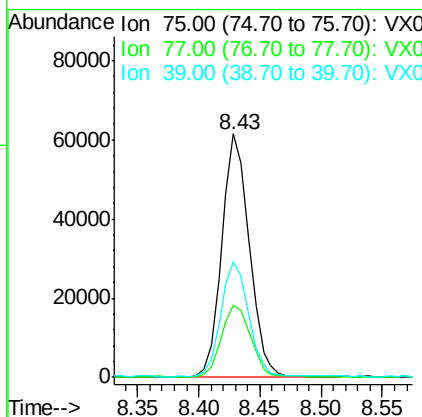
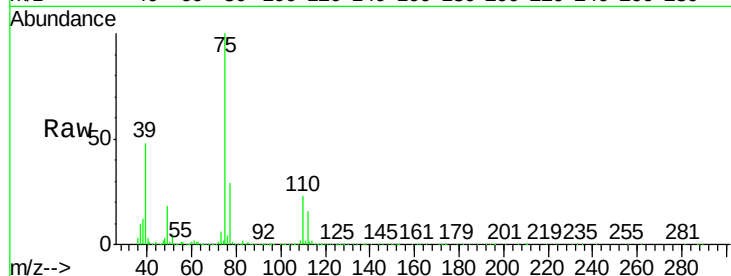
cis-1,3-Dichloropropene
Concen: 18.152 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.4	25.3	37.9
39	47.4	39.8	59.6

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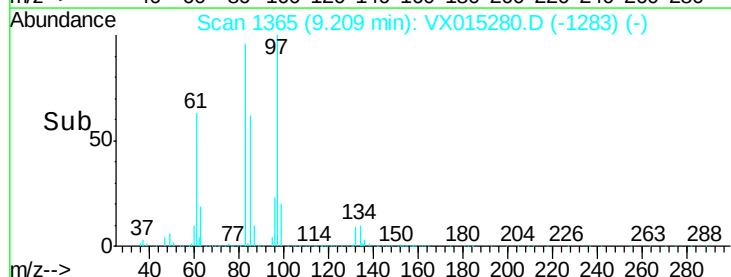
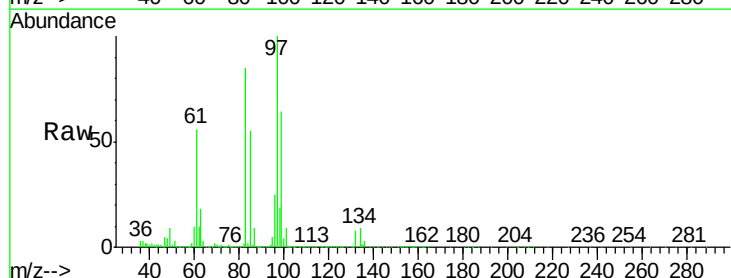
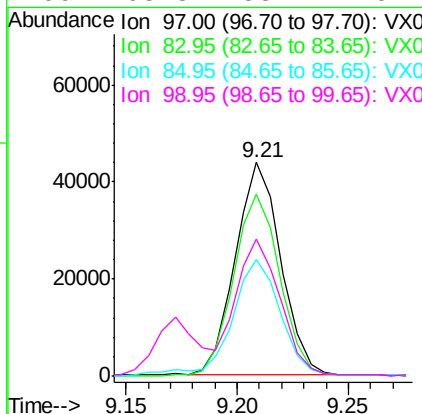
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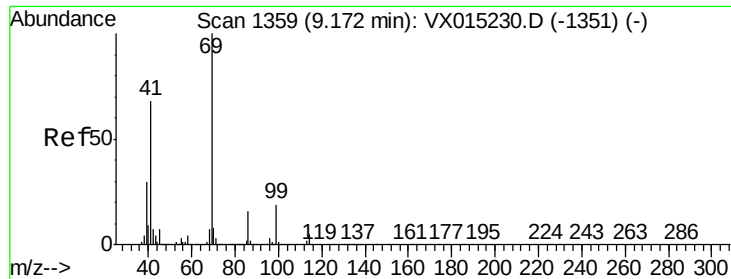


#50

1,1,2-Trichloroethane
Concen: 19.437 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.7	104.5
85	54.4	45.4	68.0
99	63.8	53.1	79.7





#51

Ethyl methacrylate

Concen: 18.615 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

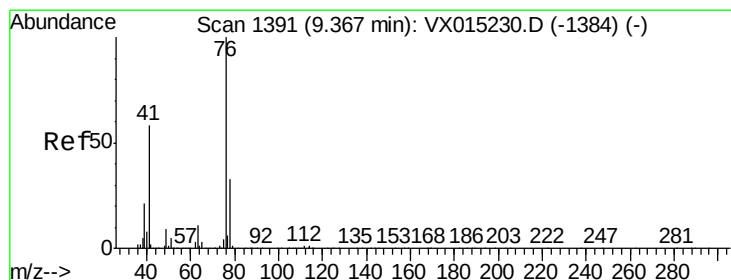
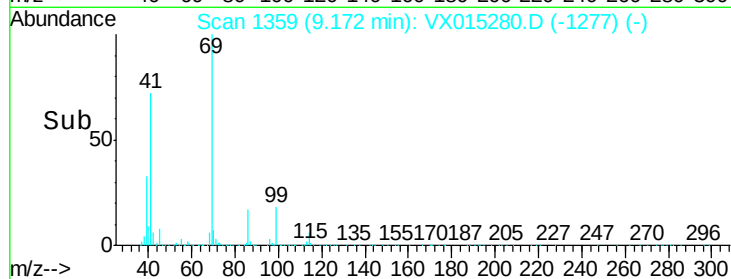
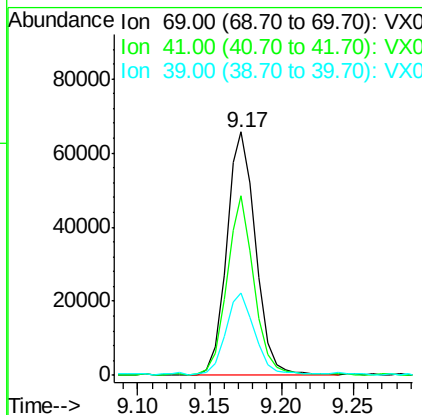
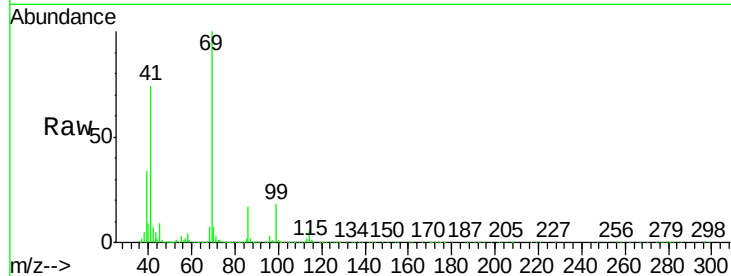
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	92650
Ion	Ratio	Lower	Upper
69	100		
41	73.3	33.8	101.3
39	33.6	15.1	45.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.036 ug/l

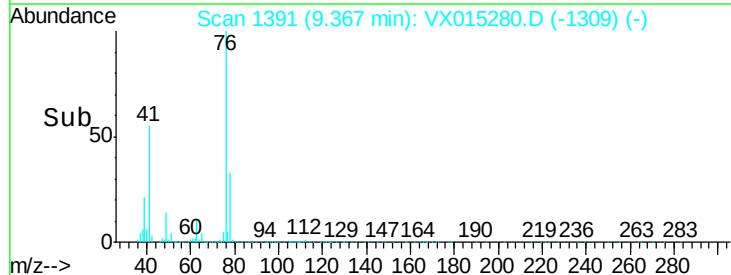
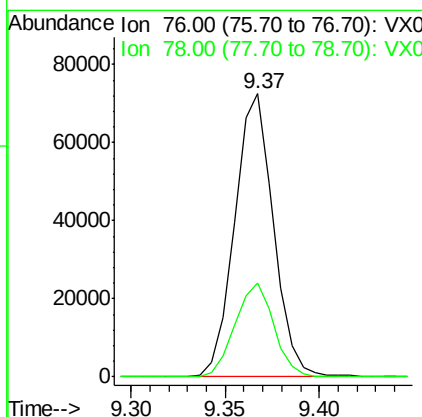
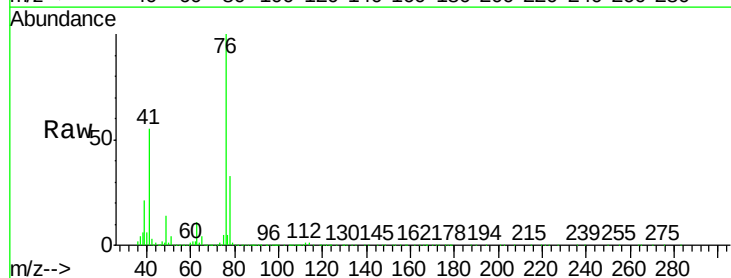
RT: 9.37 min Scan# 1391

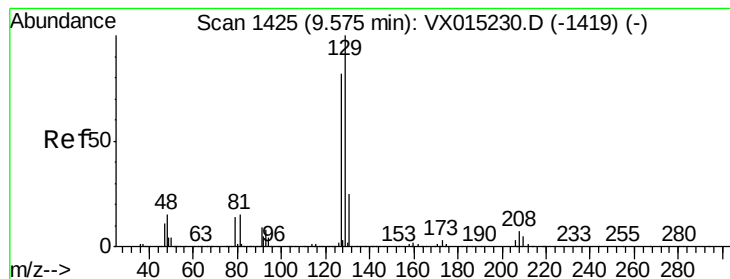
Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Tgt Ion:	76	Resp:	102765
Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	65.2





#53

Dibromochloromethane

Concen: 18.930 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 64304

Ion Ratio Lower Upper

129 100

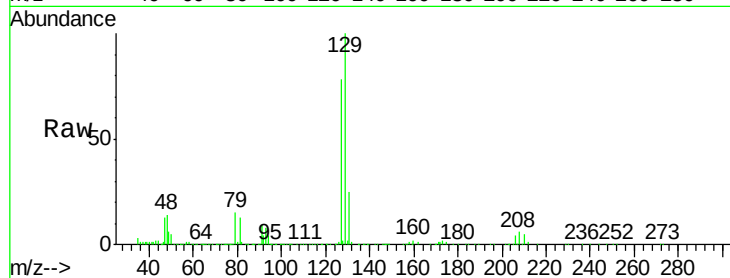
127 77.0 40.4 121.1

Manual Integrations

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.57

40000

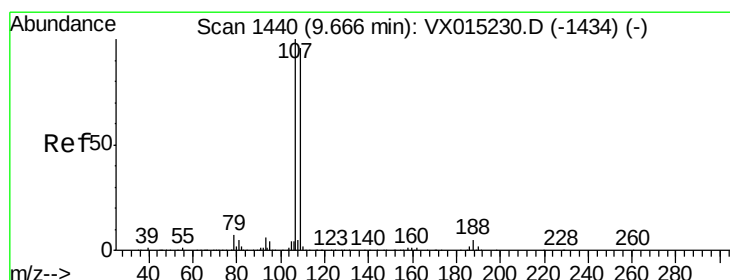
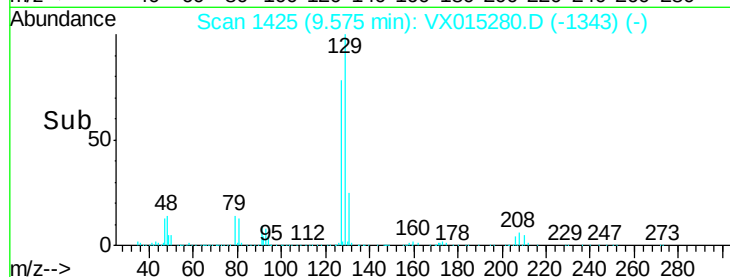
30000

20000

10000

0

Time--> 9.50 9.55 9.60 9.65



#54

1,2-Dibromoethane

Concen: 18.876 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015280.D

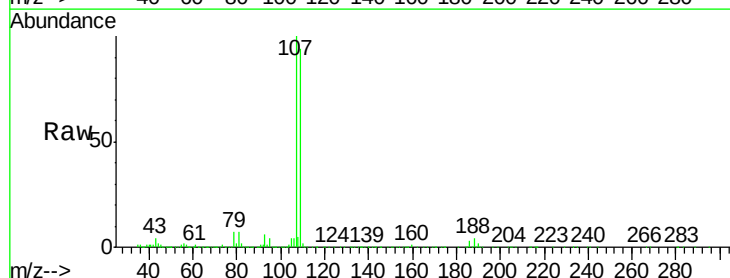
Acq: 14 Mar 2020 00:44

Tgt Ion:107 Resp: 62111

Ion Ratio Lower Upper

107 100

109 94.5 75.0 112.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

40000

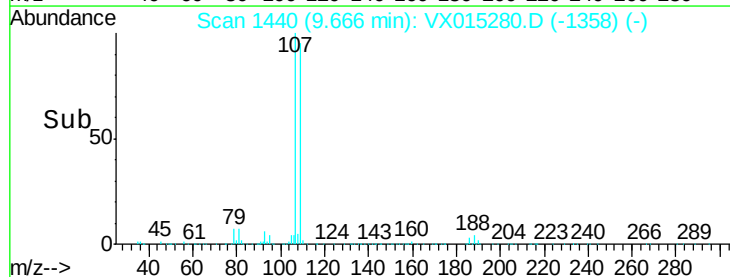
30000

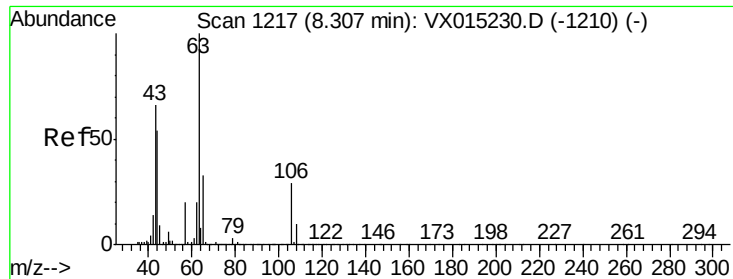
20000

10000

0

Time--> 9.60 9.65 9.70





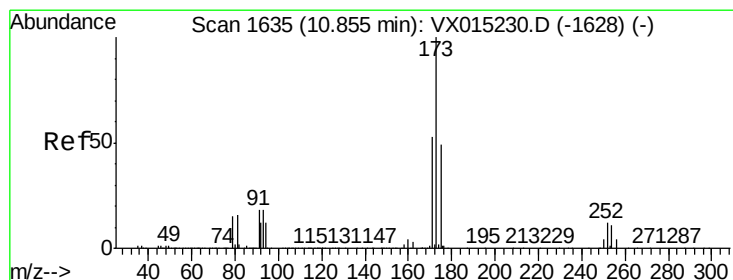
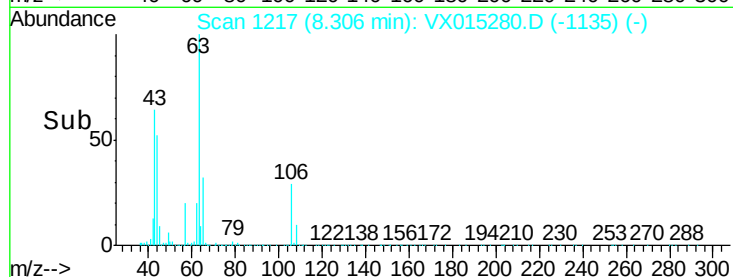
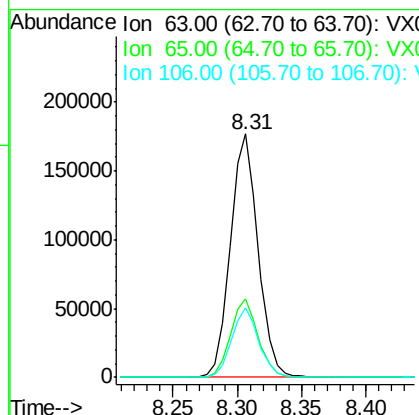
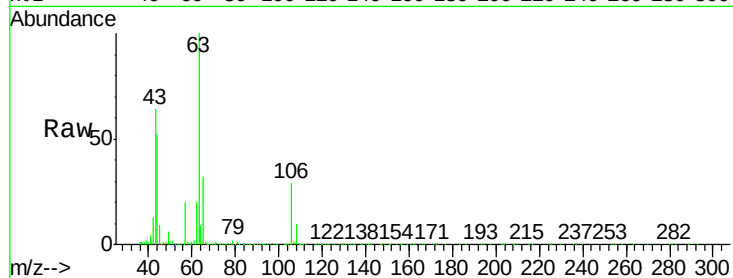
#55
2-Chloroethyl vinyl ether
Concen: 106.390 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.6	38.4
106	28.0	23.0	34.4

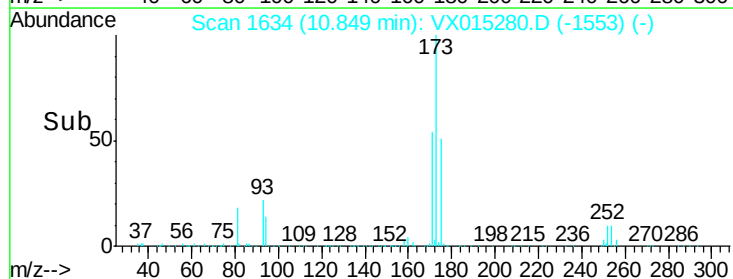
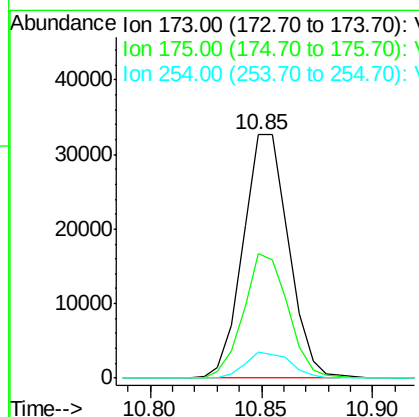
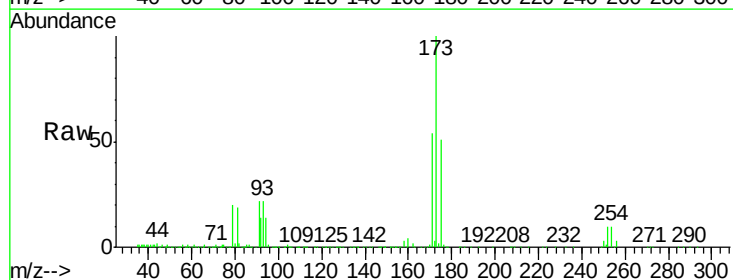
Manual Integrations
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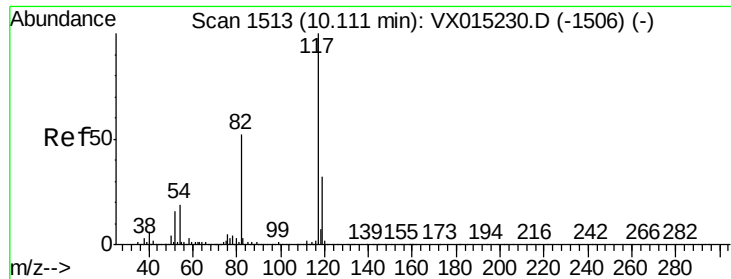
MMDadoda
3/16/2020 2:07:42 PM



#56
Bromoform
Concen: 17.554 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.7	38.9	58.3
254	10.6	9.1	13.7





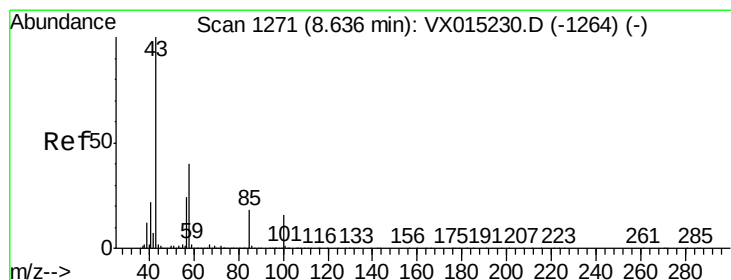
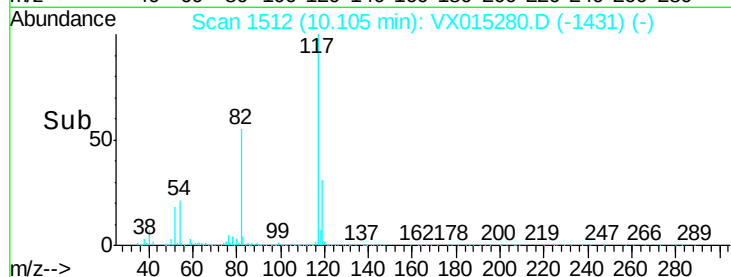
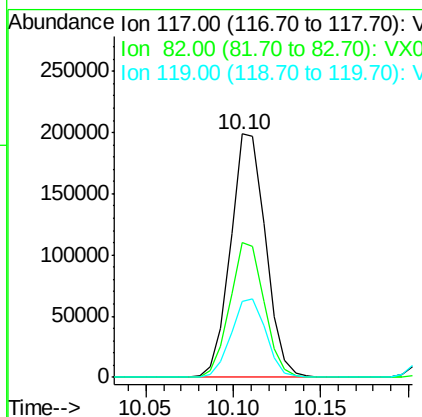
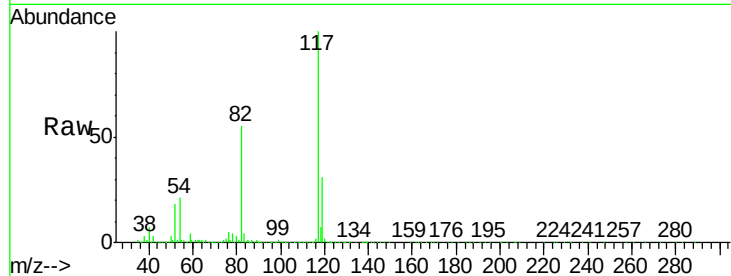
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.2	64.8
119	32.0	25.8	38.8

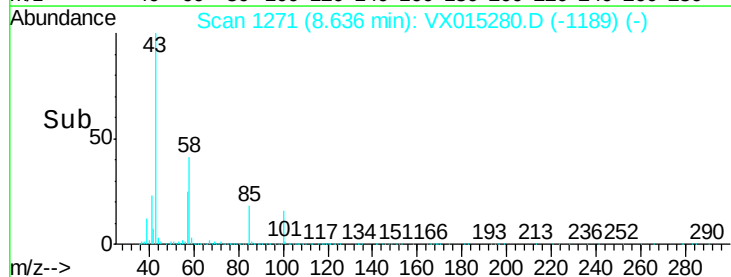
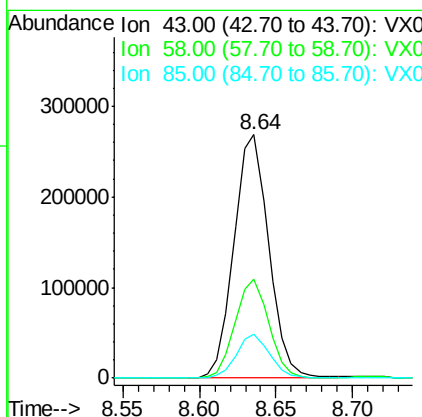
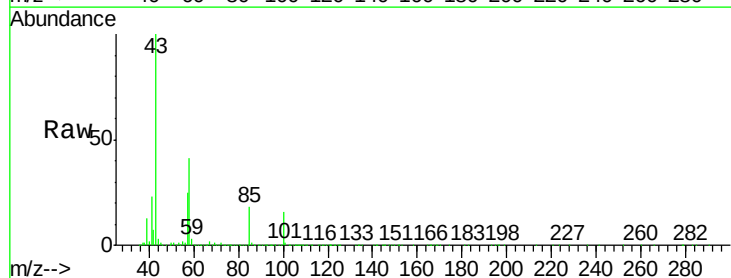
Manual Integrations
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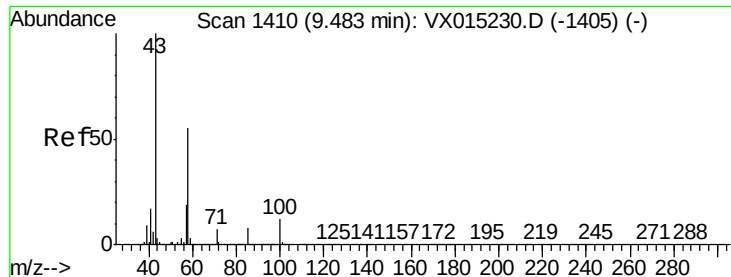
MMDadoda
3/16/2020 2:07:42 PM



#58
4-Methyl-2-Pentanone
Concen: 89.679 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.6	47.4
85	17.1	13.8	20.8





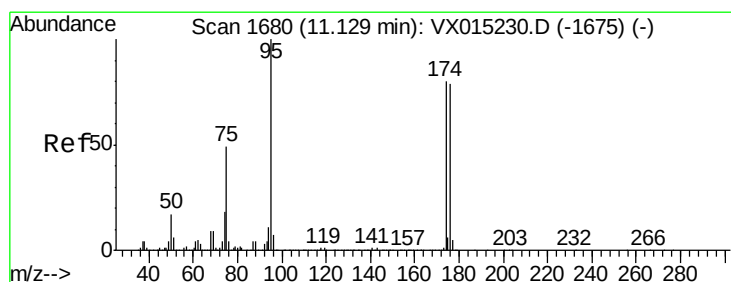
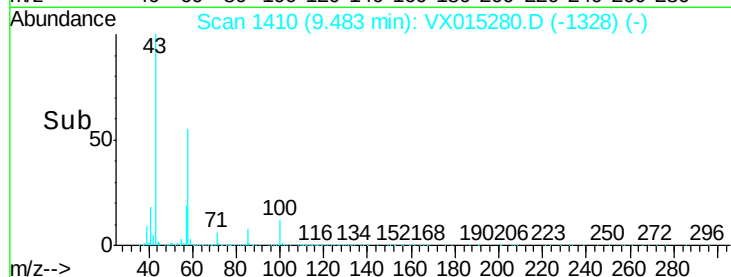
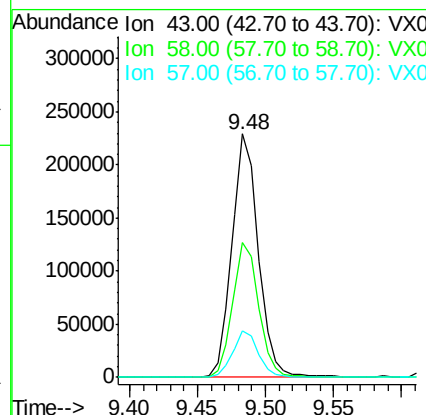
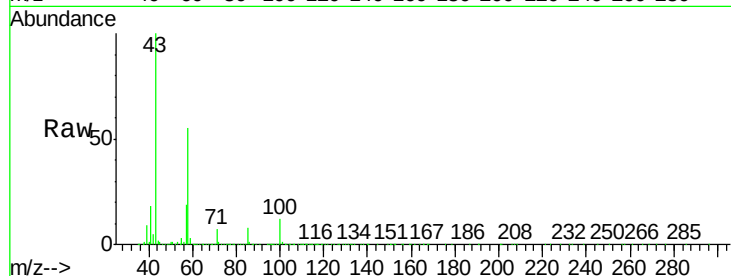
#59
2-Hexanone
Concen: 86.586 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.7	44.6	66.8
57	18.4	14.6	21.8

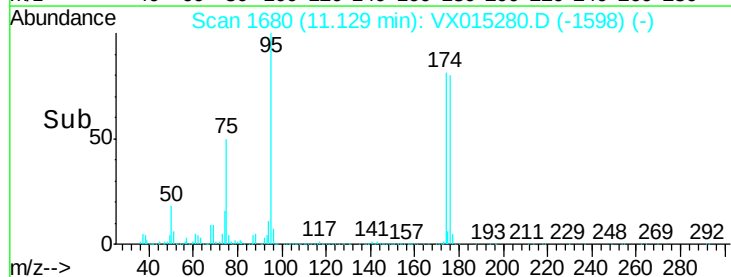
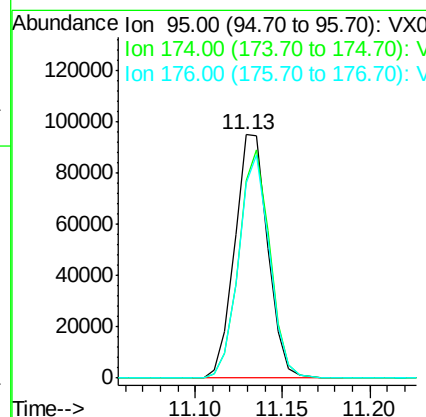
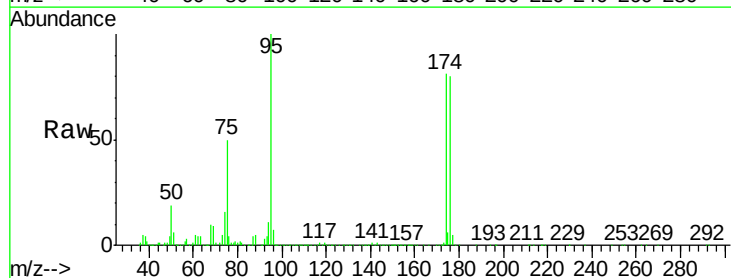
Manual Integrations
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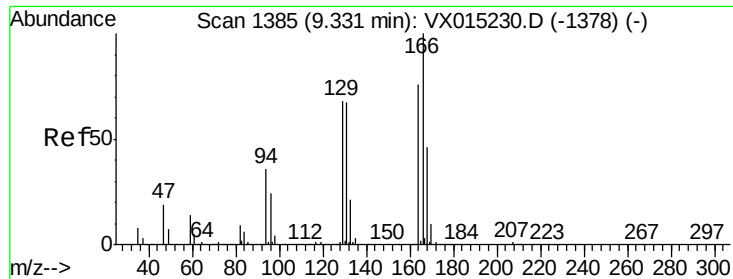
MMDadoda
3/16/2020 2:07:42 PM



#60
4-Bromofluorobenzene
Concen: 28.258 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.3	72.0	108.0
176	85.9	70.1	105.1





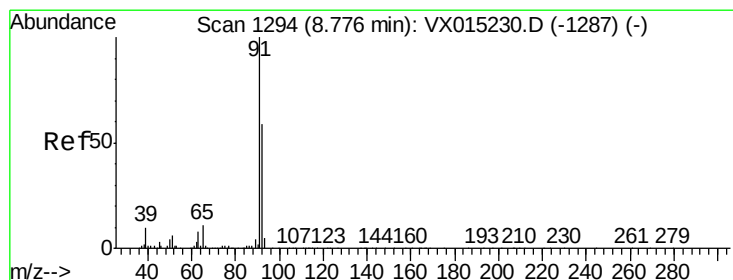
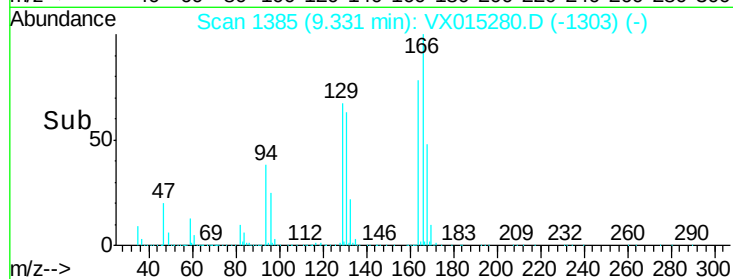
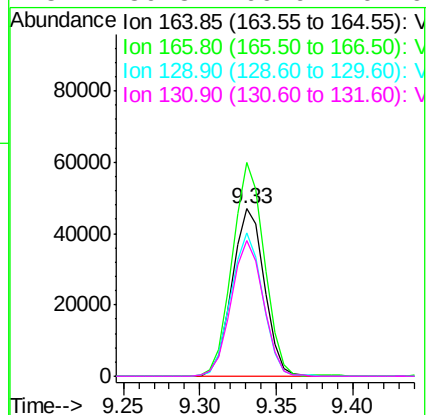
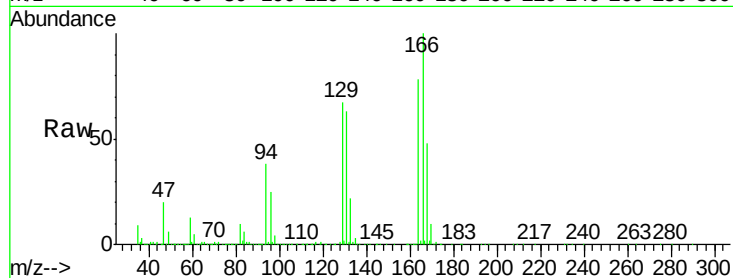
#61
Tetrachloroethene
Concen: 17.735 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	164	Resp:	68397
Ion	Ratio	Lower	Upper
164	100		
166	127.6	105.1	157.7
129	85.7	71.5	107.3
131	80.8	69.9	104.9

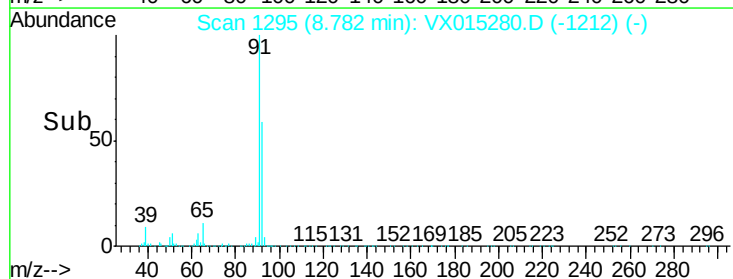
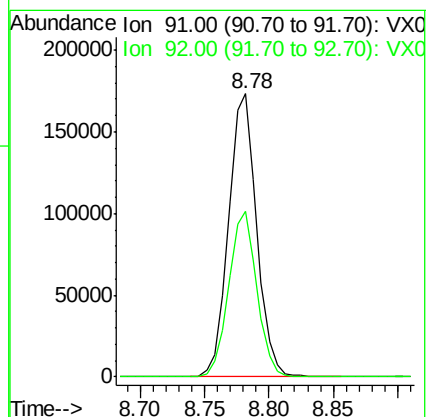
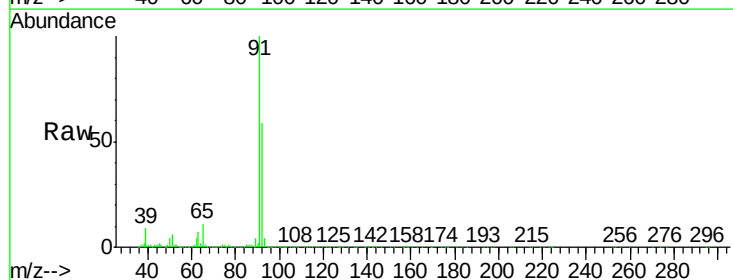
Manual Integrations
APPROVED

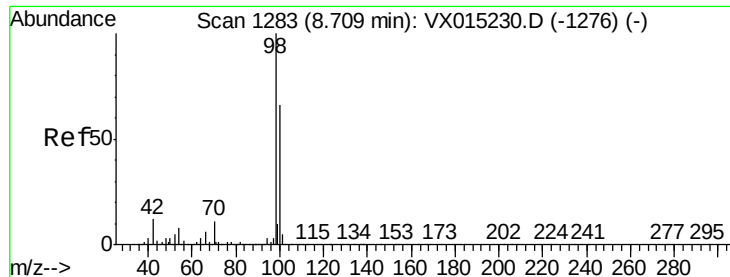
MMDadoda
3/16/2020 2:07:42 PM



#62
Toluene
Concen: 18.062 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion:	91	Resp:	264814
Ion	Ratio	Lower	Upper
91	100		
92	58.6	47.1	70.7





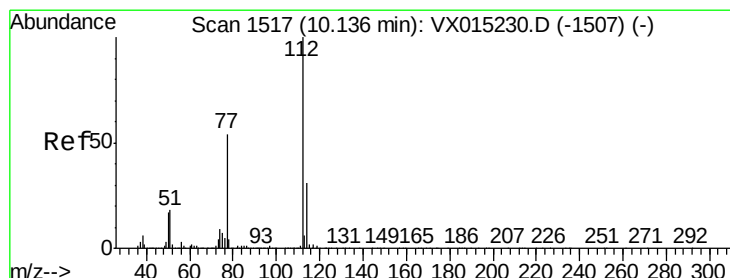
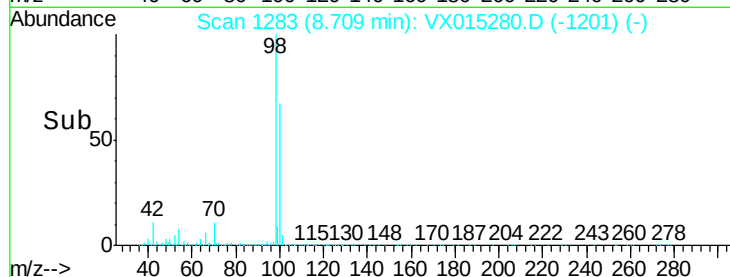
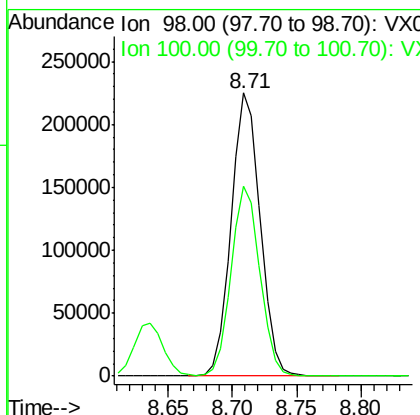
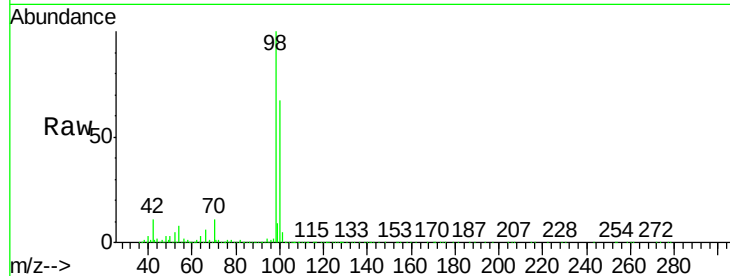
#63
Toluene-d8
Concen: 29.797 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	66.3	53.0	79.4	

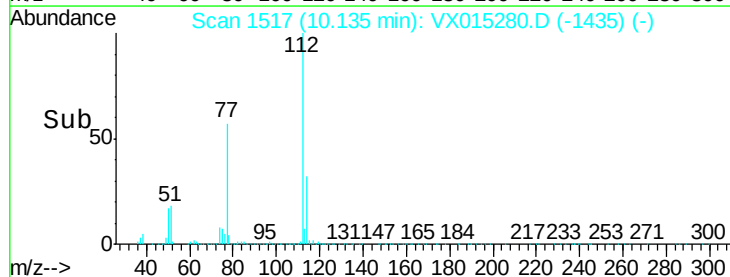
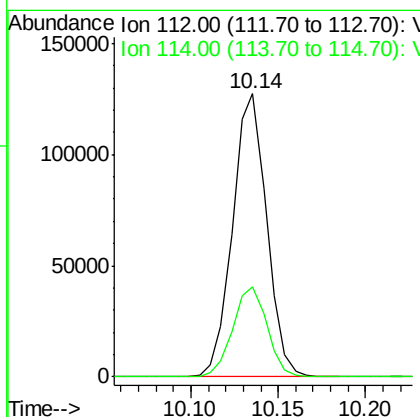
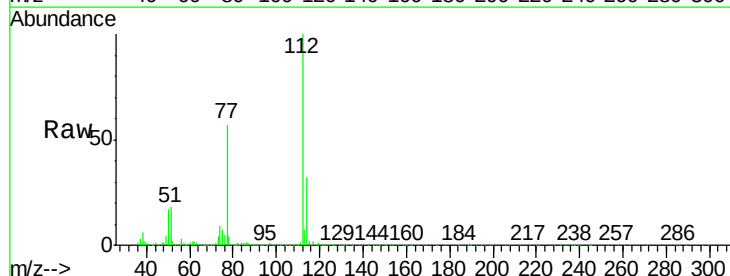
Manual Integrations
APPROVED

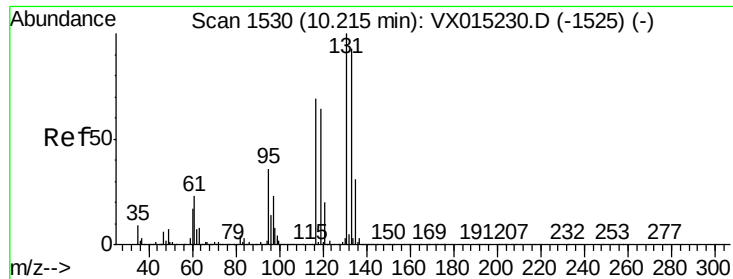
MMDadoda
3/16/2020 2:07:42 PM



#64
Chlorobenzene
Concen: 18.375 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion	Ion	Ratio	Lower	Upper
112	100			
114	31.9	24.8	37.2	





#65

1,1,1,2-Tetrachloroethane

Concen: 17.858 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

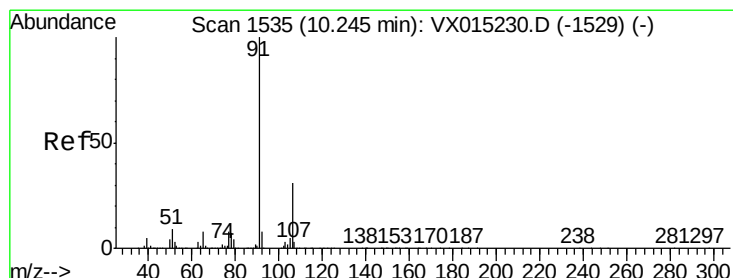
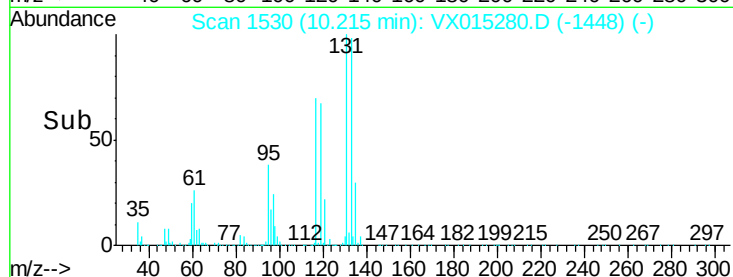
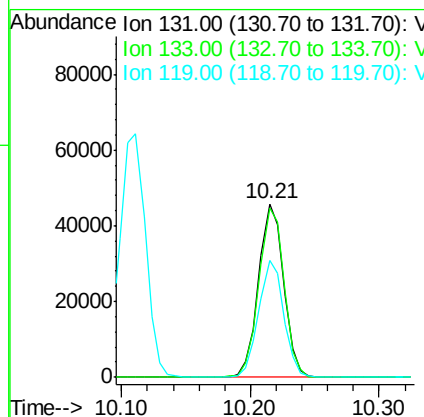
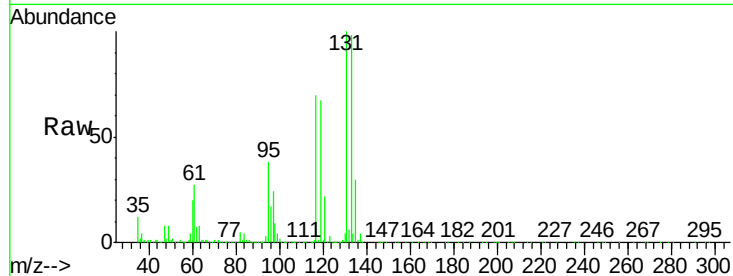
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	61620
Ion	Ratio	Lower	Upper
131	100		
133	96.8	0.0	188.0
119	66.3	0.0	131.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 17.990 ug/l

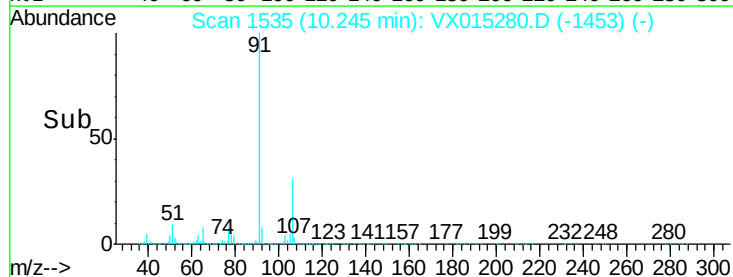
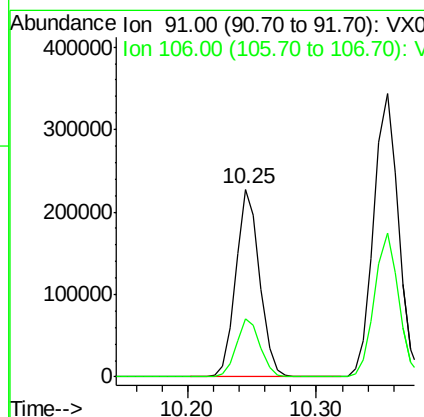
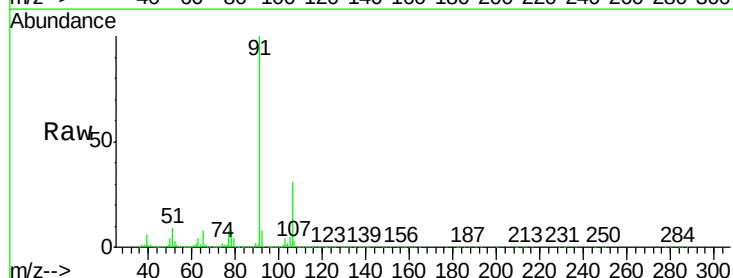
RT: 10.25 min Scan# 1535

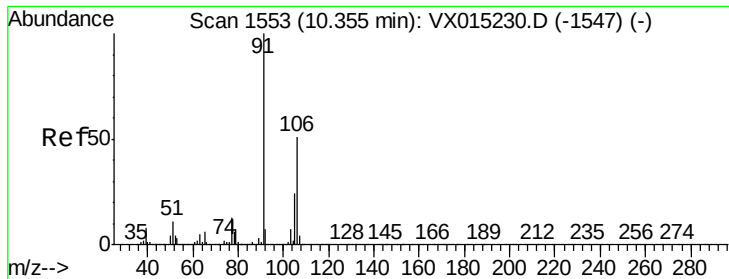
Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Tgt Ion:	91	Resp:	293813
Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.9	37.3





#67

m/p-Xylenes

Concen: 35.654 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 223523

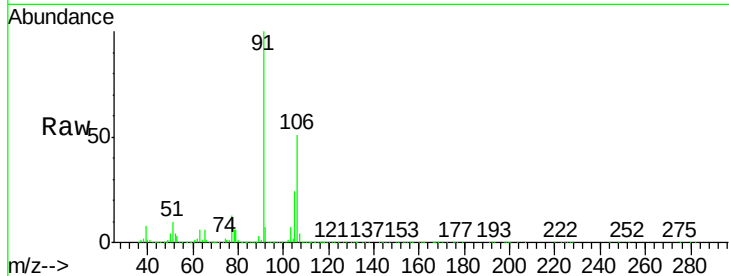
Ion Ratio Lower Upper

106 100

91 200.6 160.1 240.1

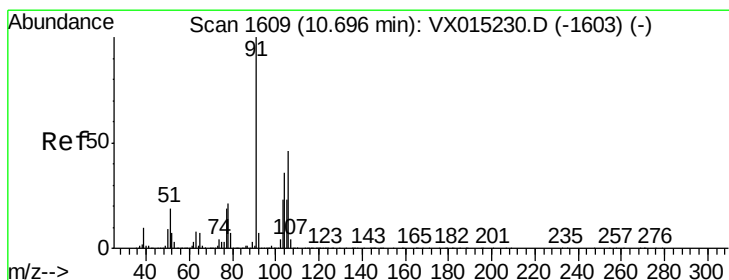
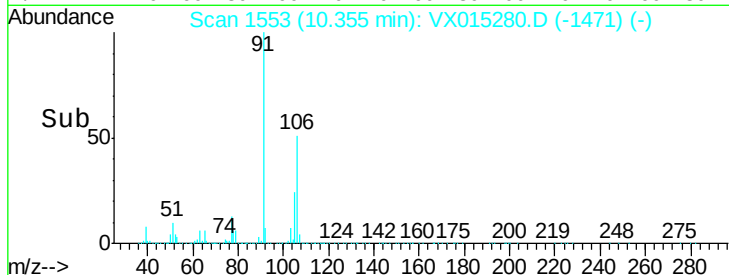
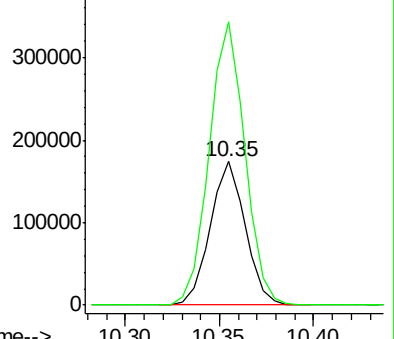
Manual Integrations
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 17.362 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX015280.D

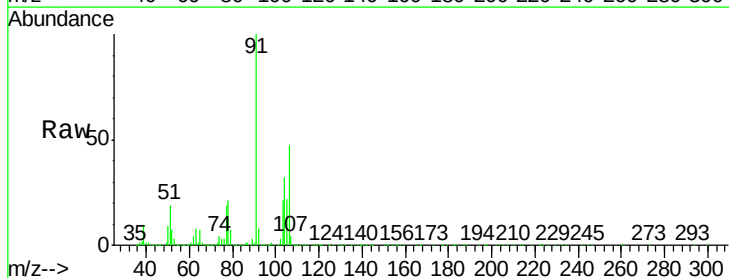
Acq: 14 Mar 2020 00:44

Tgt Ion:106 Resp: 104361

Ion Ratio Lower Upper

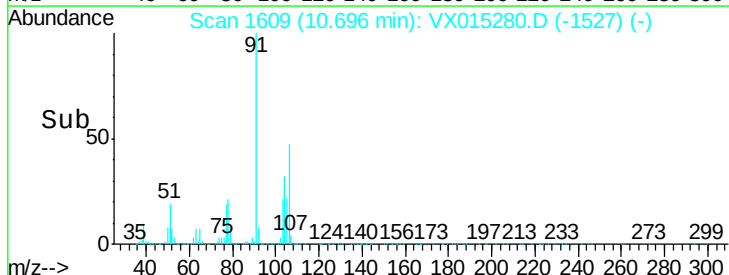
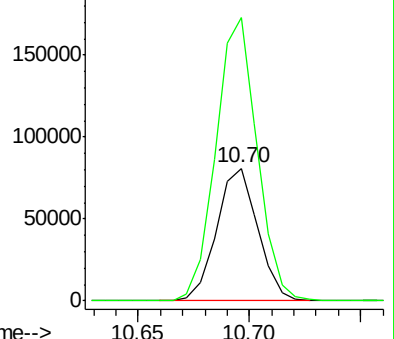
106 100

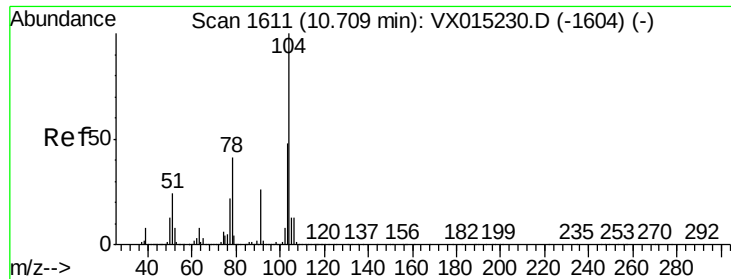
91 213.2 106.4 319.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





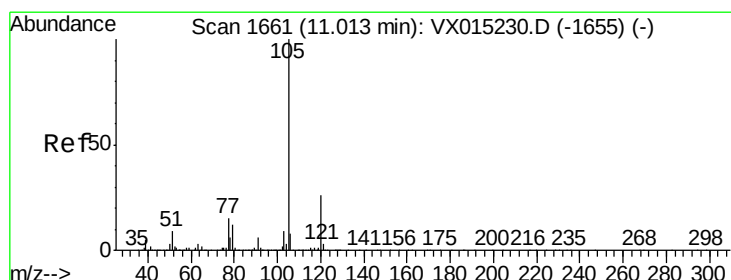
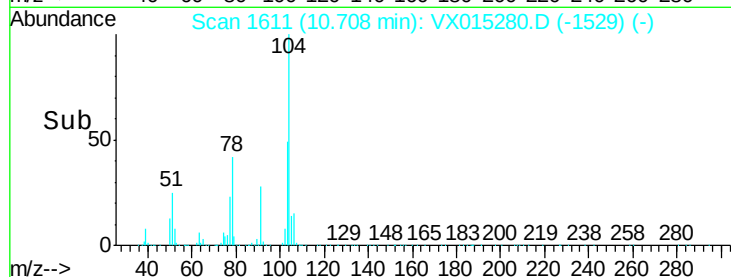
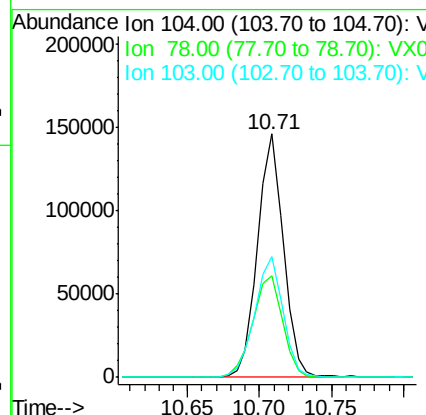
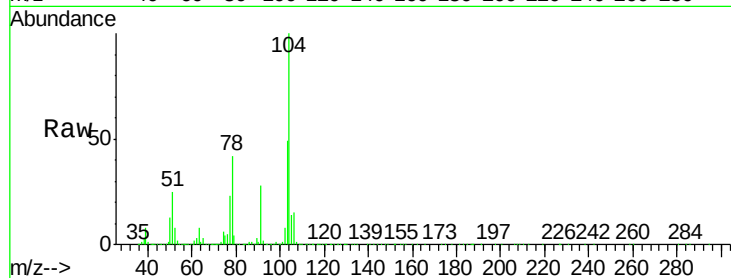
#69
Stvrene
Concen: 17.325 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
104	100	181228		
78	48.3		38.9	58.3
103	54.4		43.2	64.8

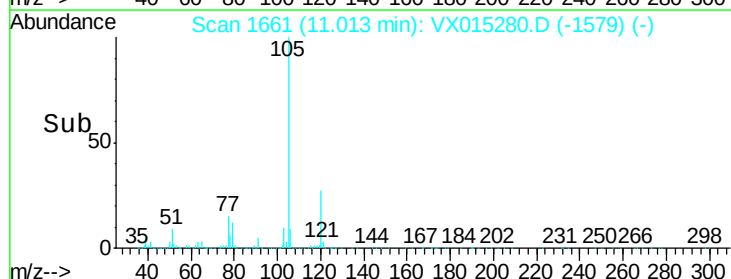
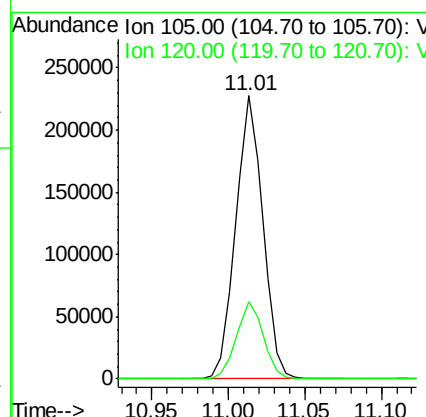
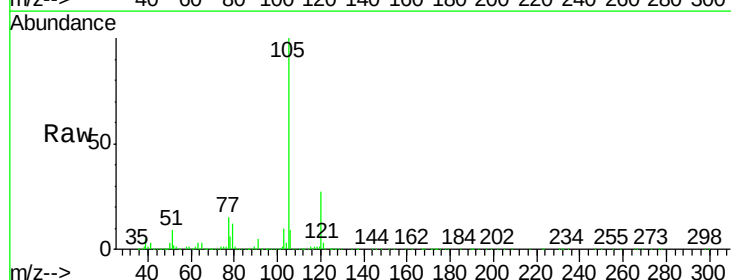
Manual Integrations
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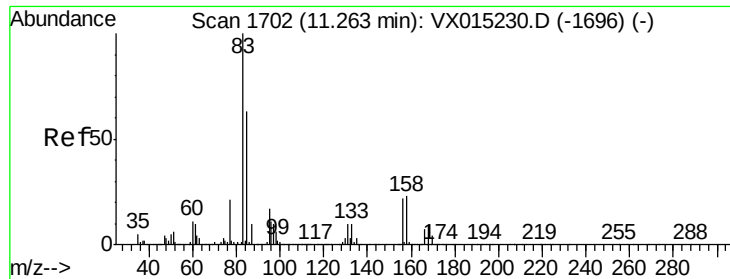
MMDadoda
3/16/2020 2:07:42 PM



#70
Isopropylbenzene
Concen: 17.511 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	280146		
120	26.9		18.6	34.6





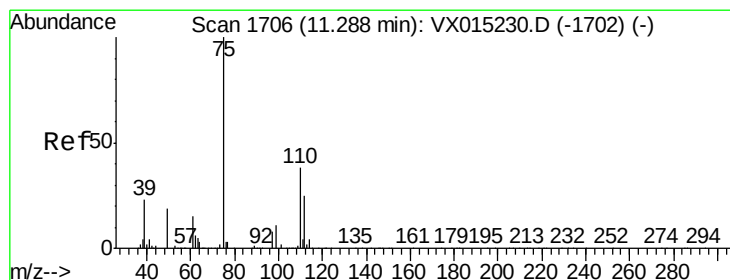
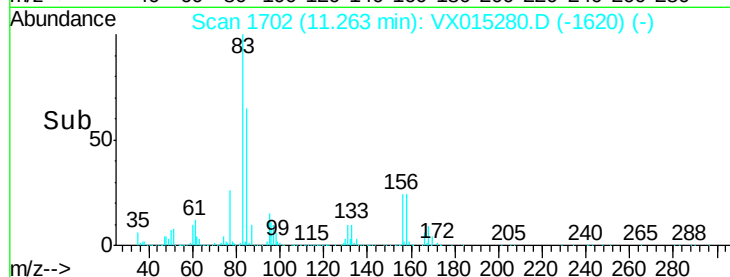
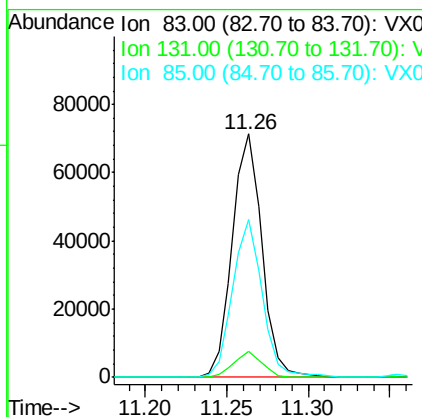
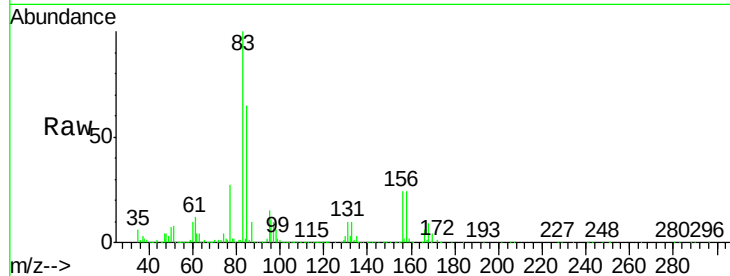
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.461 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	14.9
85	64.9	31.8	95.4

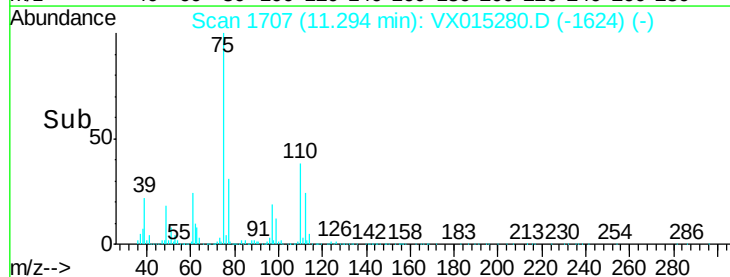
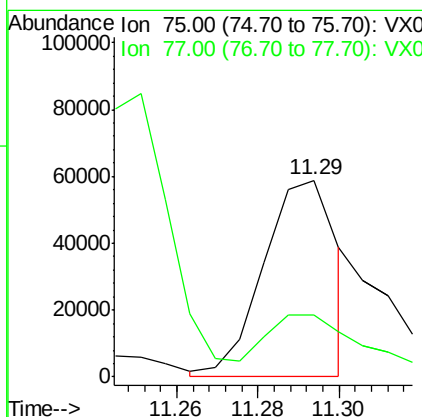
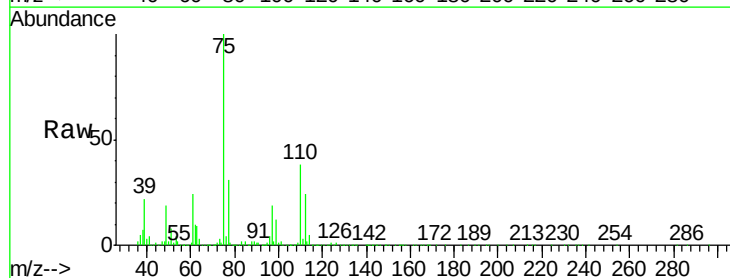
Manual Integrations
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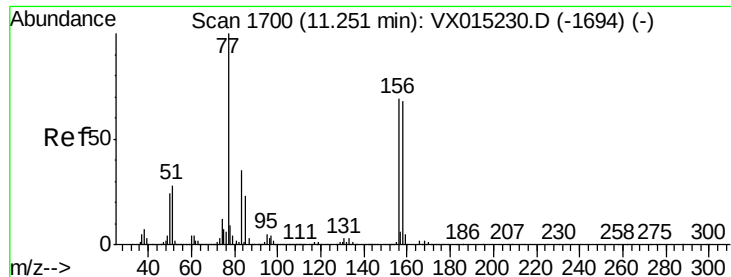
MMDadoda
 3/16/2020 2:07:42 PM



#72
 1,2,3-Trichloropropane
 Concen: 17.397 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	41.6	0.0	83.0





#73

Bromobenzene

Concen: 17.350 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

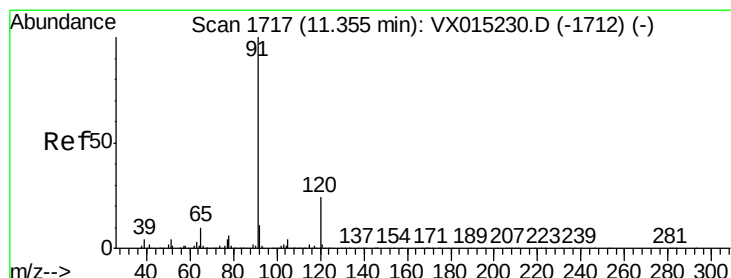
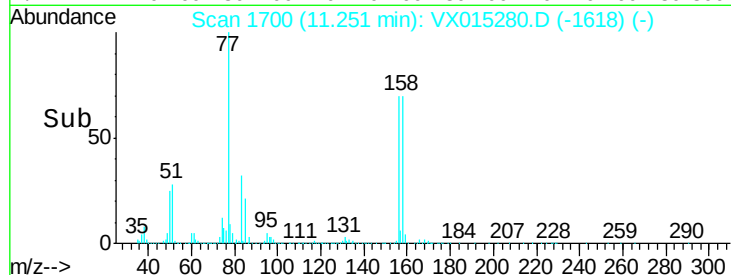
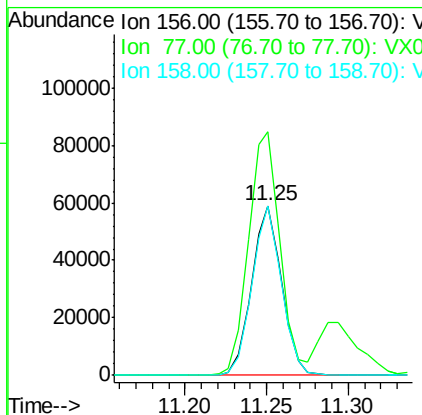
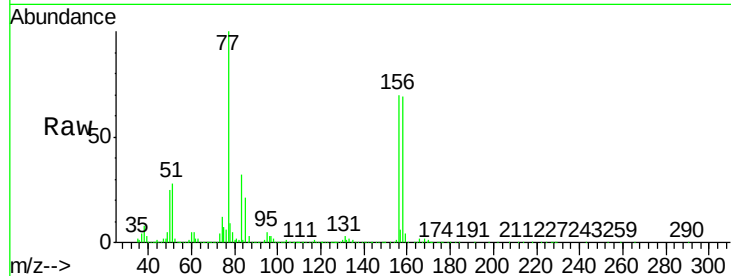
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.0	0.0	305.0
158	98.2	0.0	197.2

Manual Integrations
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3/16/2020 2:07:42 PM



#74

n-propylbenzene

Concen: 17.101 ug/l

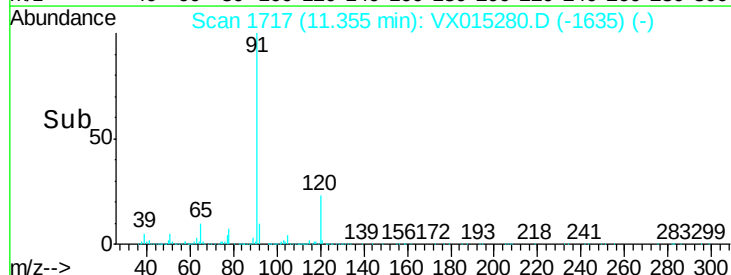
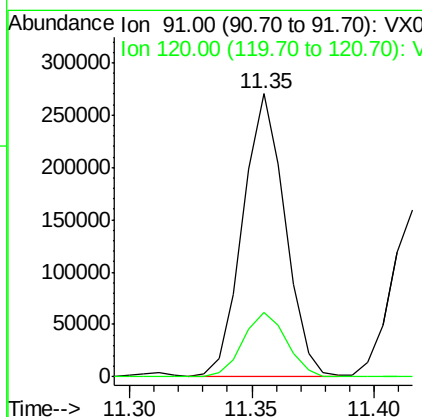
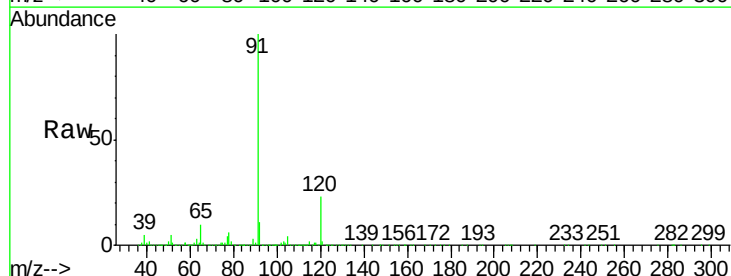
RT: 11.35 min Scan# 1717

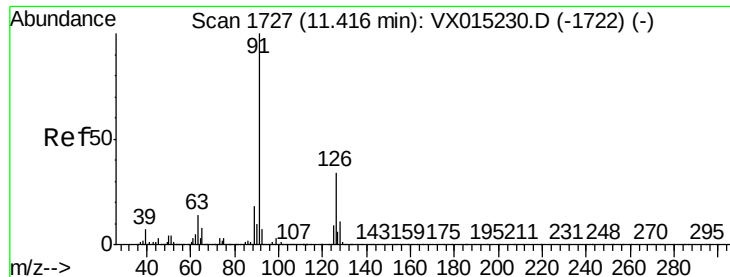
Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	0.0	47.0





#75

2-Chlorotoluene

Concen: 17.459 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 192658

Ion Ratio Lower Upper

91 100

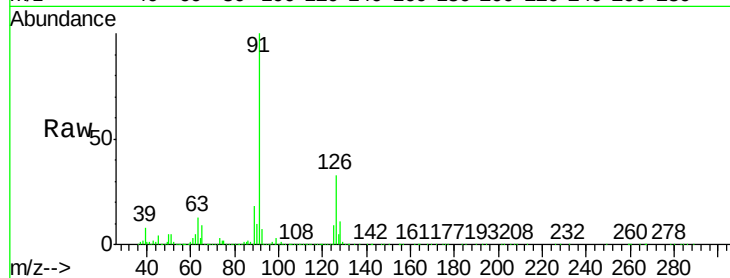
126 34.7 0.0 69.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX015230.D (-1722) (-)

Ion 126.00 (125.70 to 126.70): VX015230.D (-1722) (-)

300000

250000

200000

150000

100000

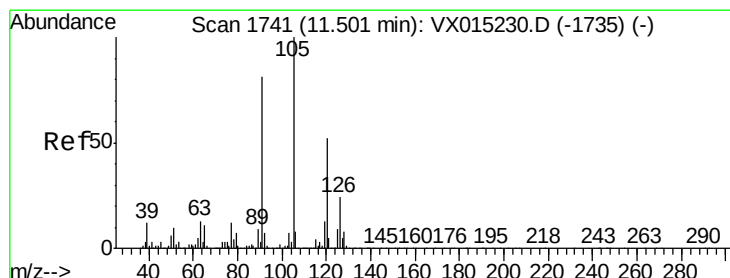
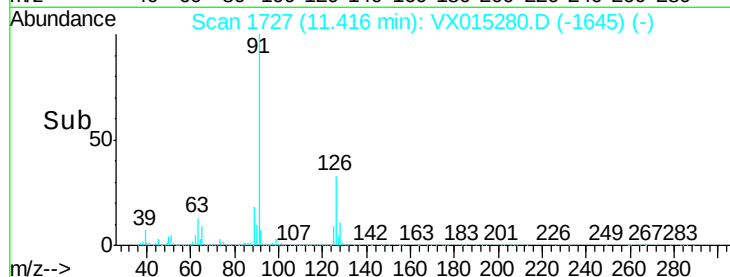
50000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 17.160 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015280.D

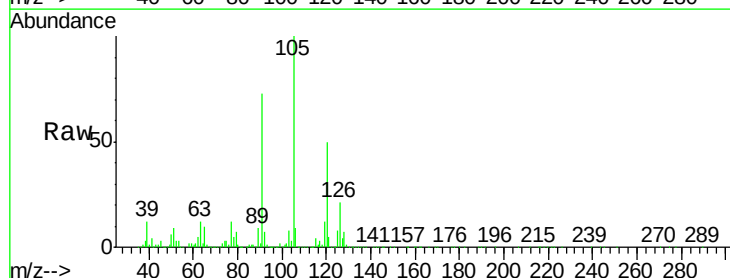
Acq: 14 Mar 2020 00:44

Tgt Ion: 105 Resp: 234354

Ion Ratio Lower Upper

105 100

120 50.1 0.0 101.2



Abundance Ion 105.00 (104.70 to 105.70): VX015230.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX015230.D (-1735) (-)

200000

150000

100000

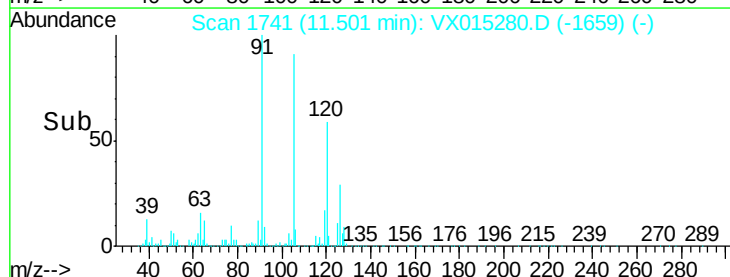
50000

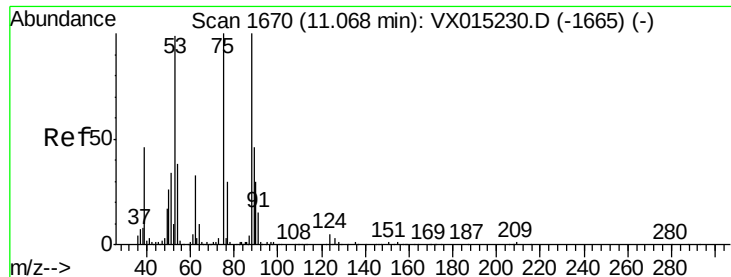
0

11.50

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 13.976 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015280.D

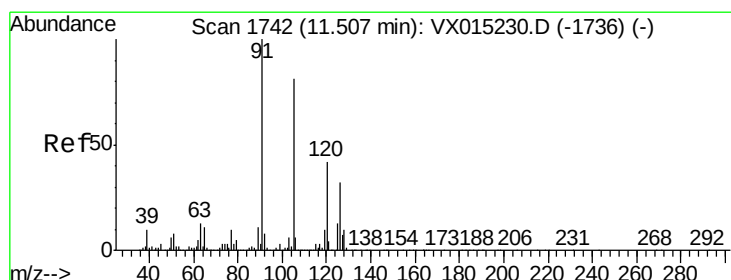
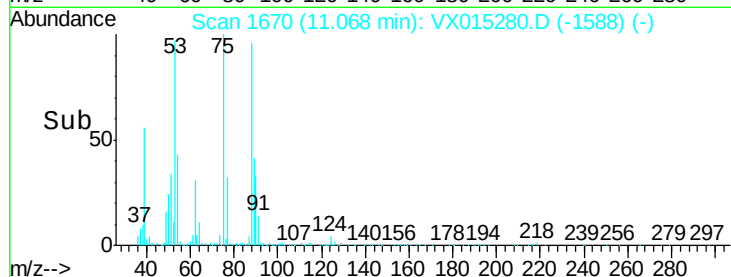
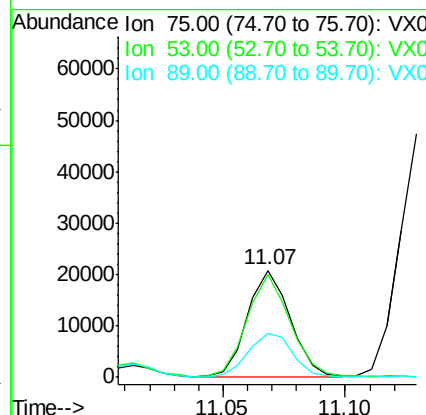
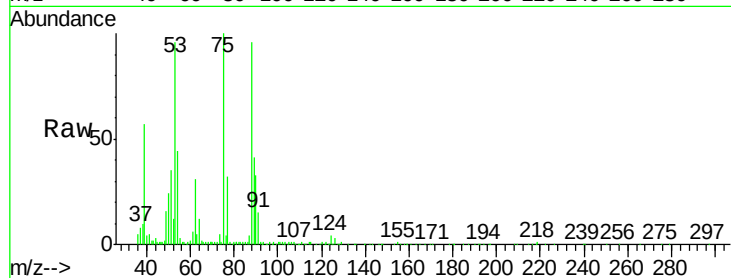
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.4	49.5	148.3
89	40.8	22.9	68.8

Manual Integrations
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#78

4-Chlorotoluene

Concen: 16.929 ug/l

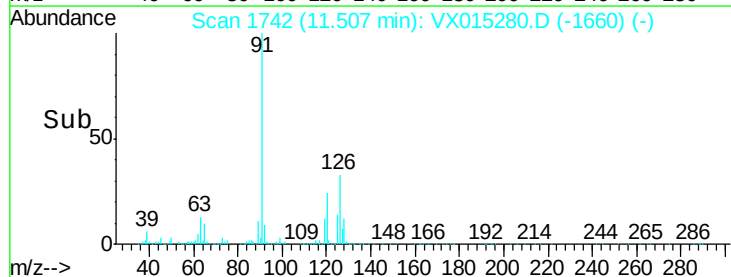
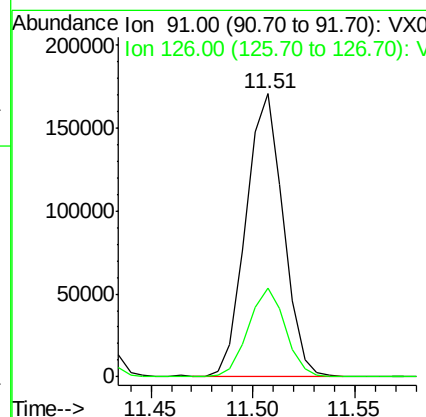
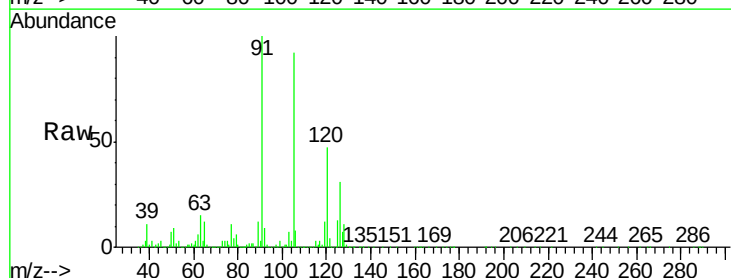
RT: 11.51 min Scan# 1742

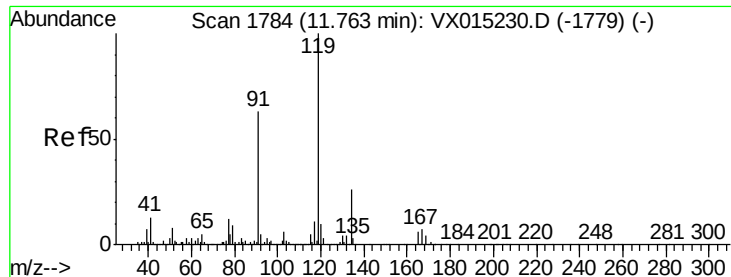
Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	0.0	61.4





#79

tert-butylbenzene

Concen: 16.958 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

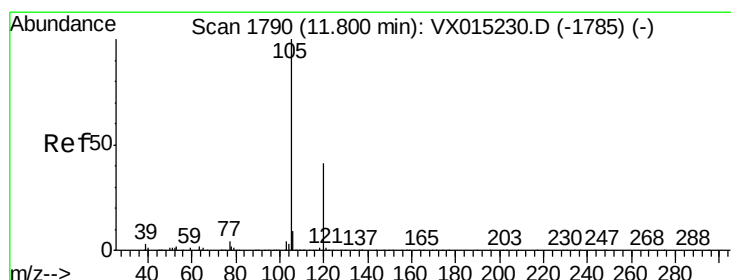
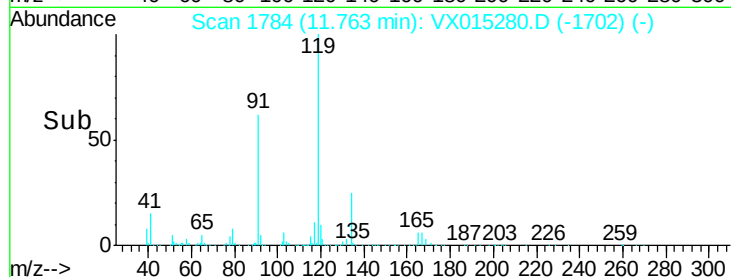
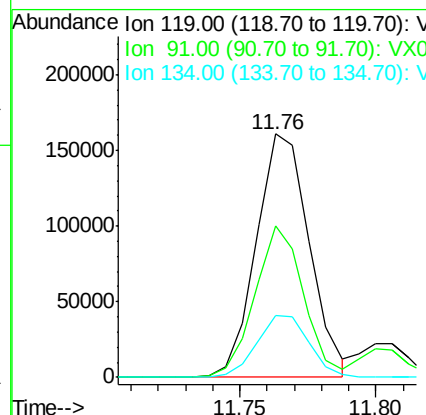
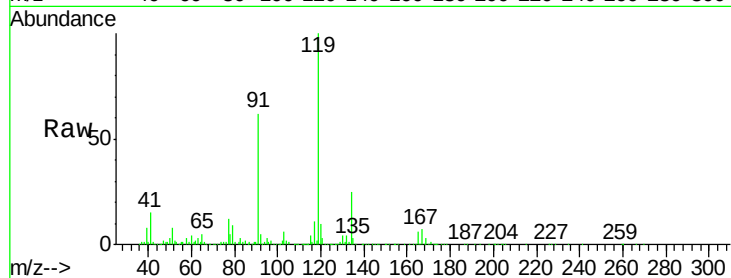
ClientSampleId :

VSTDCCC020EC

Tot Ion:	119	Resp:	217128
Ion Ratio	Lower	Upper	
119	100		
91	57.3	0.0	115.4
134	25.1	0.0	49.4

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#80

1,2,4-Trimethylbenzene

Concen: 17.290 ug/l

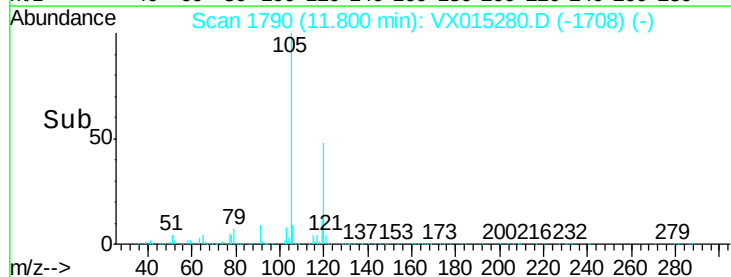
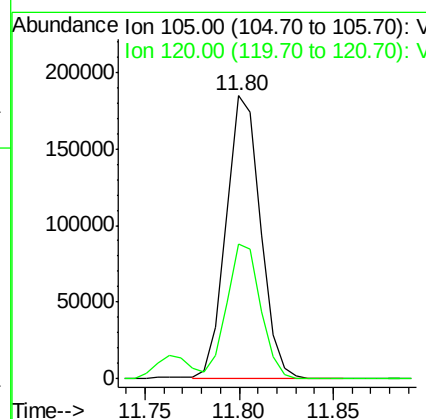
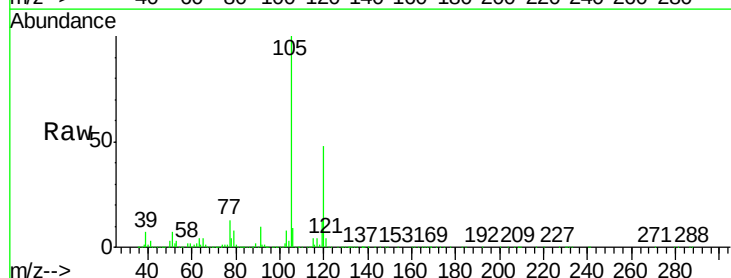
RT: 11.80 min Scan# 1790

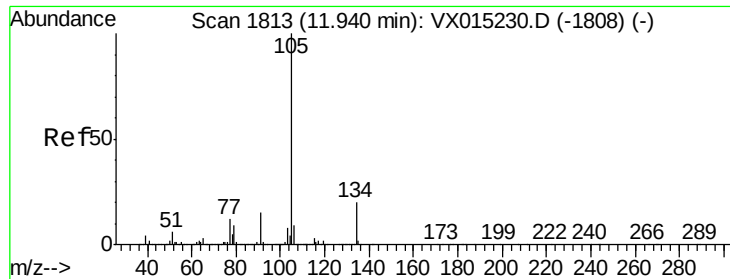
Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Tgt Ion:	105	Resp:	233460
Ion Ratio	Lower	Upper	
105	100		
120	46.6	0.0	93.2





#81

sec-Butylbenzene

Concen: 17.033 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 270661

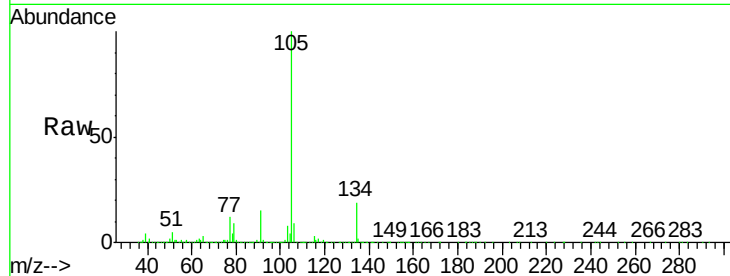
Ion Ratio Lower Upper

105 100

134 20.3 0.0 40.8

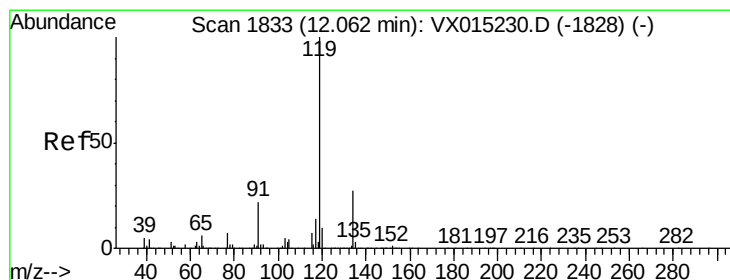
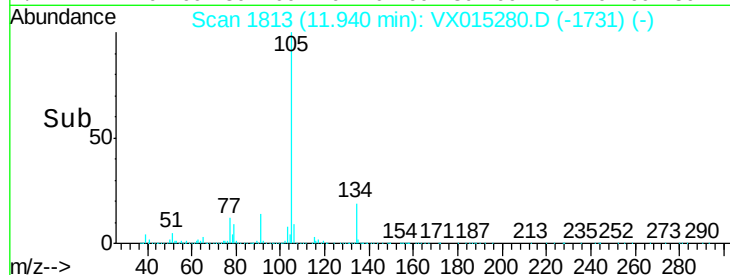
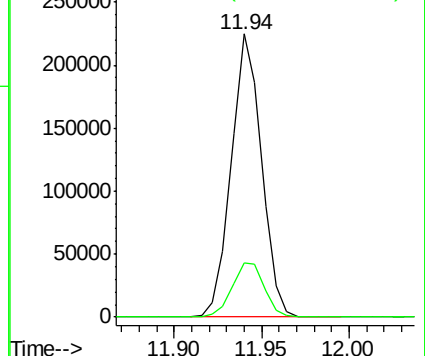
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 16.598 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

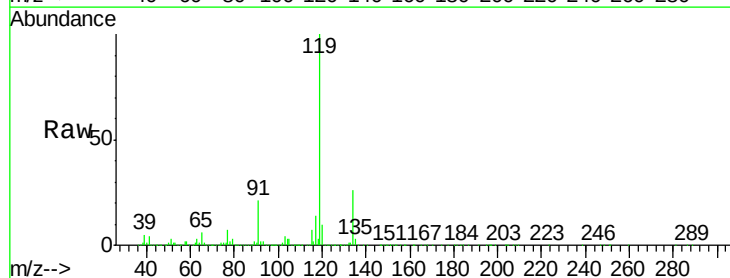
Tgt Ion:119 Resp: 242544

Ion Ratio Lower Upper

119 100

134 26.4 0.0 53.6

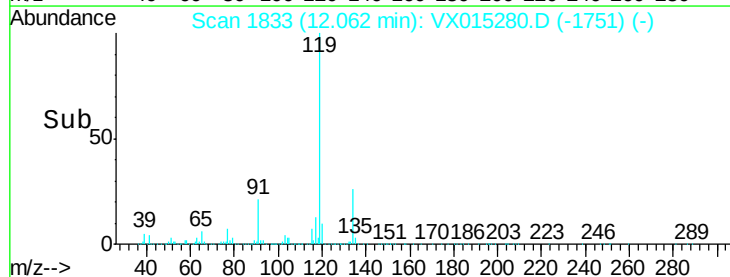
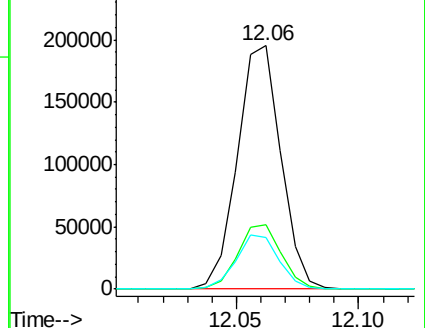
91 21.8 0.0 43.6

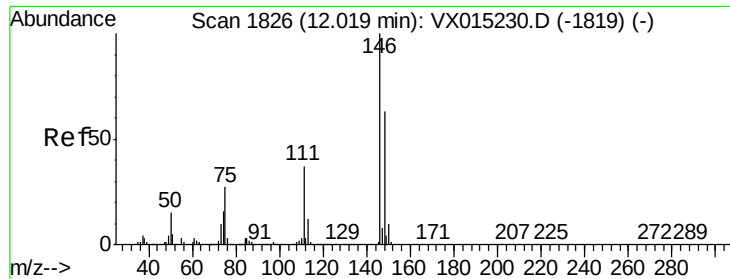


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





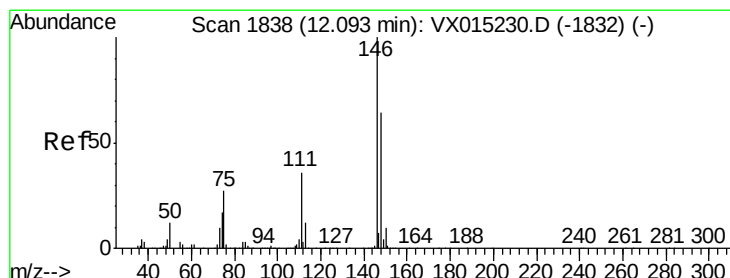
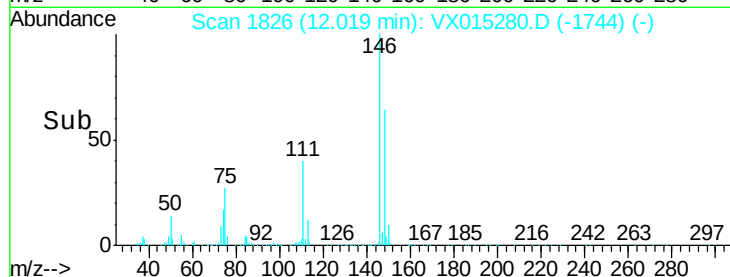
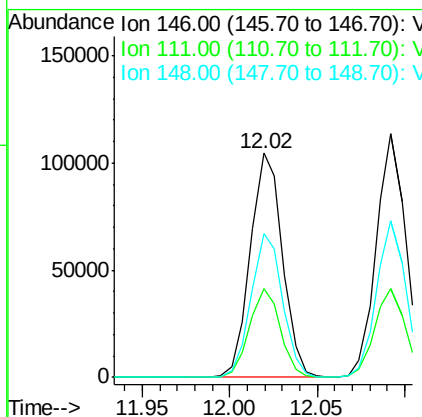
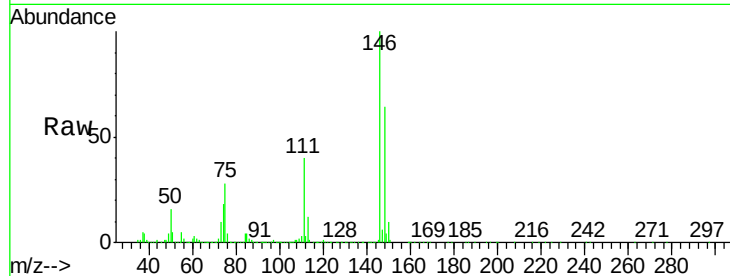
#83
 1,3-Dichlorobenzene
 Concen: 17.359 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.8	56.4
148	62.5	31.9	95.7

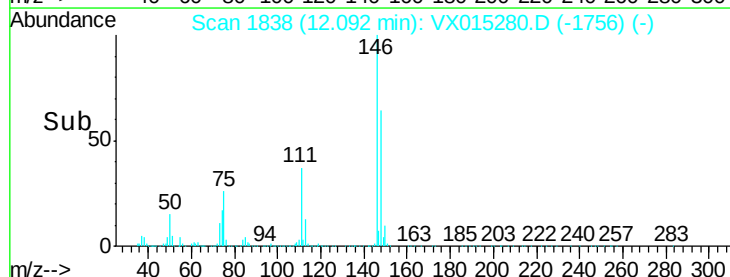
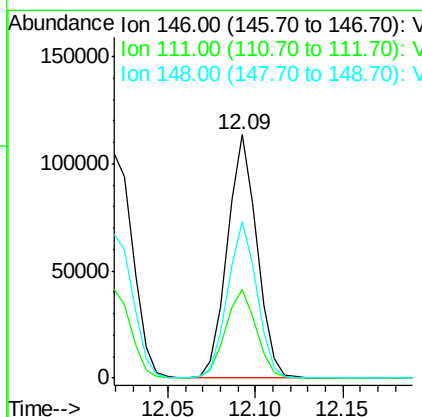
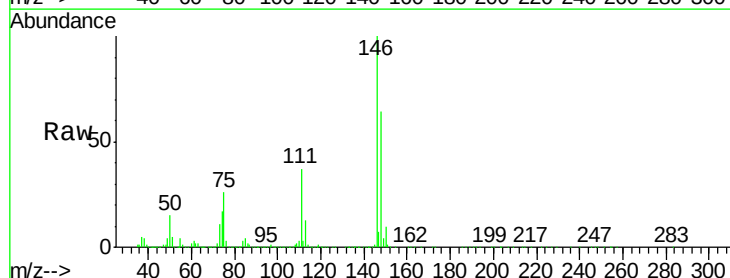
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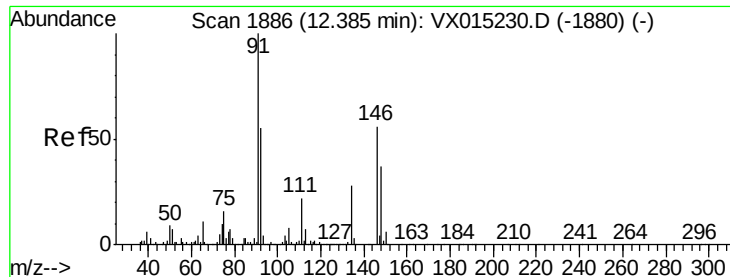
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#84
 1,4-Dichlorobenzene
 Concen: 17.384 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.4	55.0
148	63.8	31.9	95.9





#85

n-Butylbenzene

Concen: 16.217 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

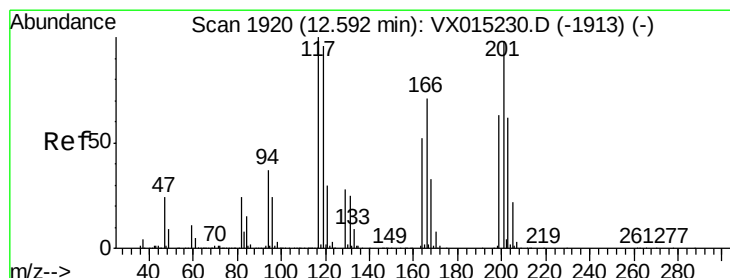
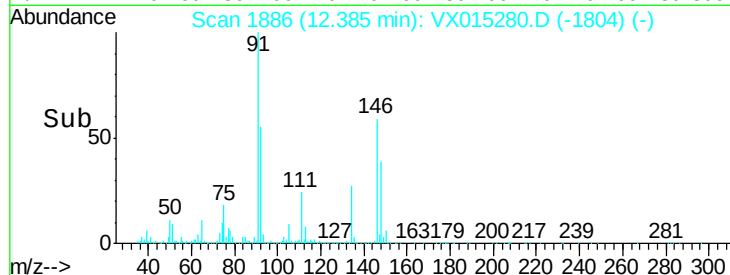
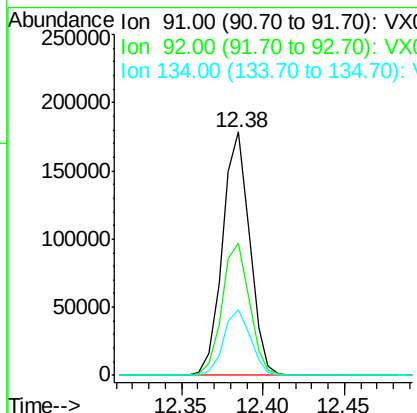
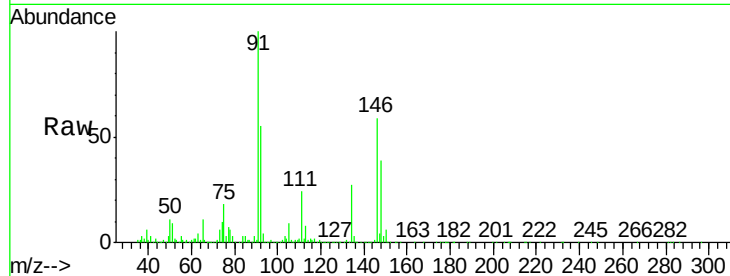
ClientSampleId :

VSTDCCC020EC

Tot Ion:	91	Resp:	207673
Ion Ratio	Lower	Upper	
91	100		
92	54.3	0.0	109.4
134	26.7	0.0	53.0

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#86

Hexachloroethane

Concen: 16.537 ug/l

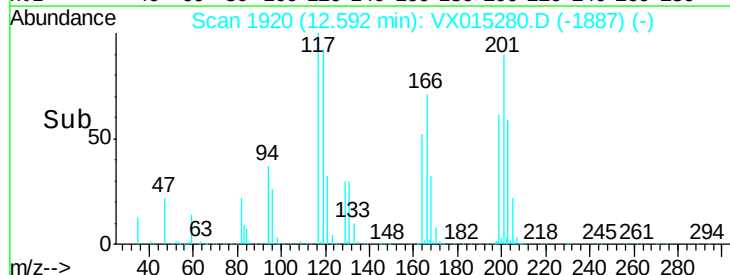
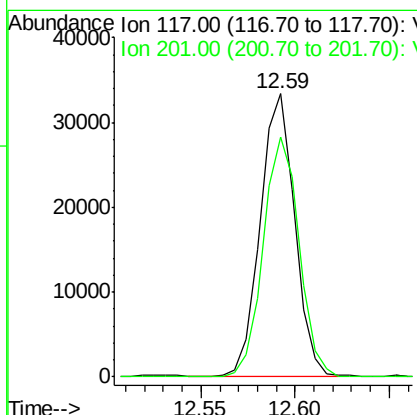
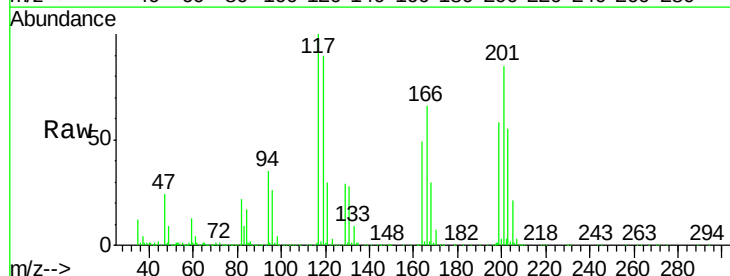
RT: 12.59 min Scan# 1920

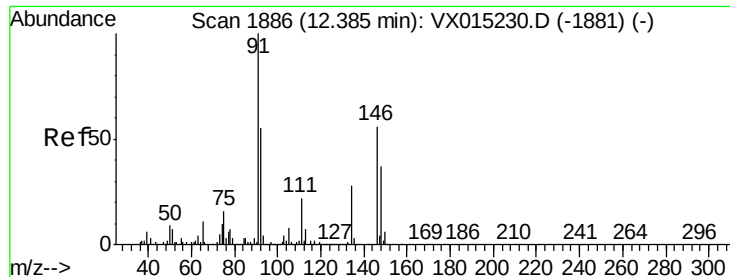
Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Tgt Ion:	117	Resp:	42304
Ion Ratio	Lower	Upper	
117	100		
201	88.3	47.8	143.3





#87

1,2-Dichlorobenzene

Concen: 17.556 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015280.D

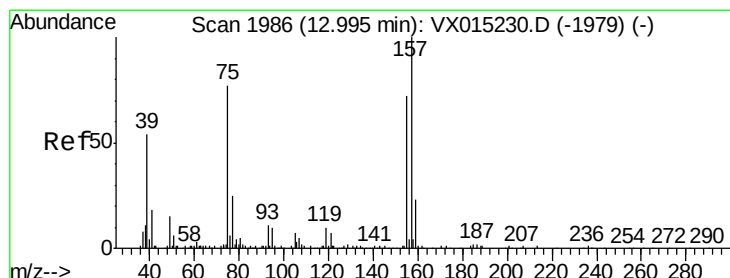
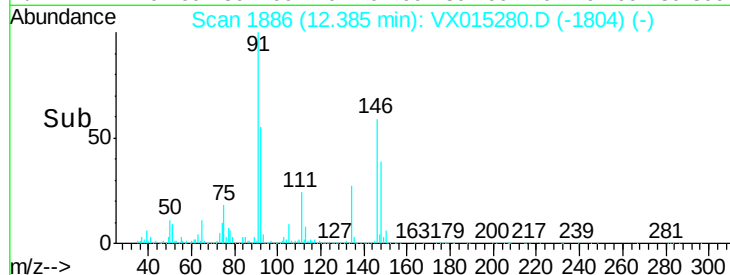
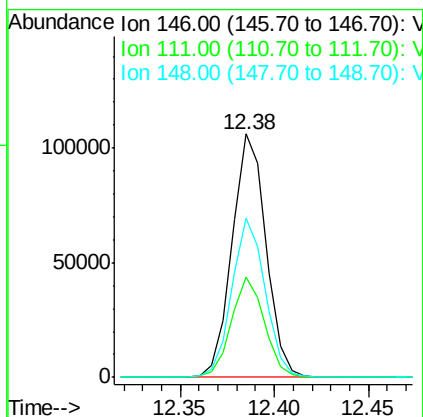
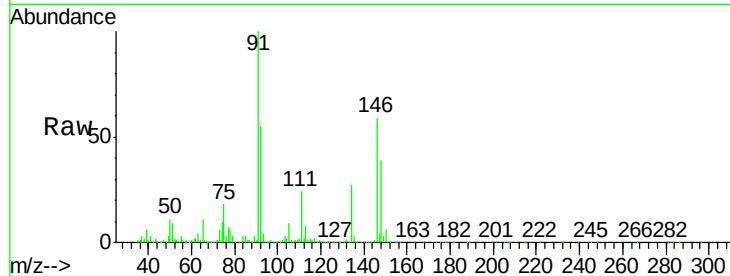
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.4	58.4
148	64.1	32.4	97.0

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#88

1,2-Dibromo-3-Chloropropane

Concen: 16.689 ug/l

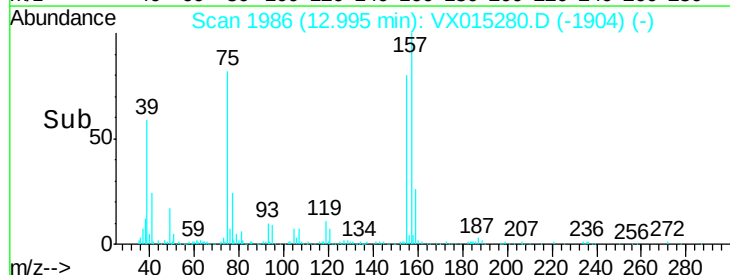
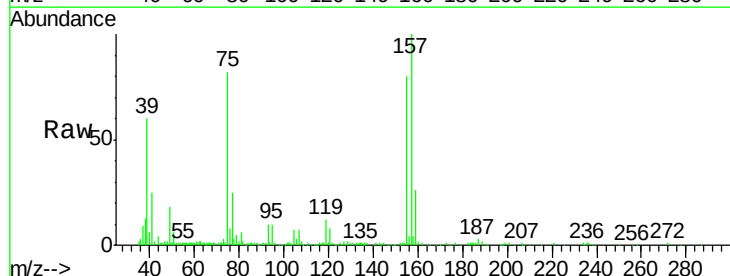
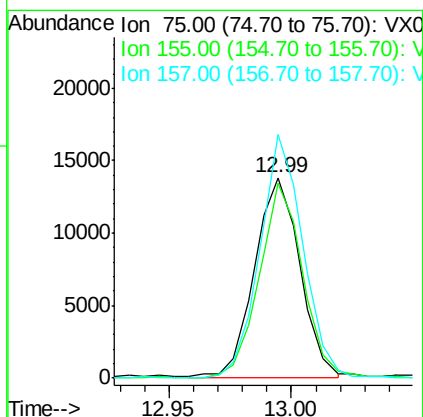
RT: 12.99 min Scan# 1986

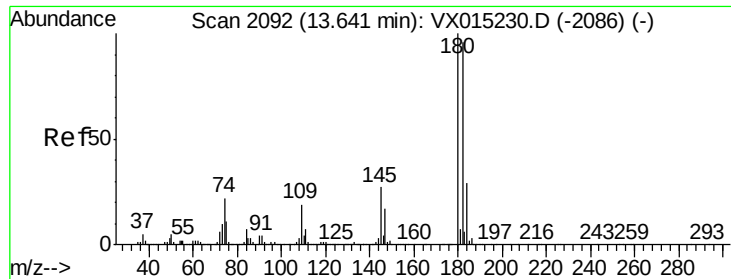
Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.8	77.5	116.3
157	116.3	103.0	154.4





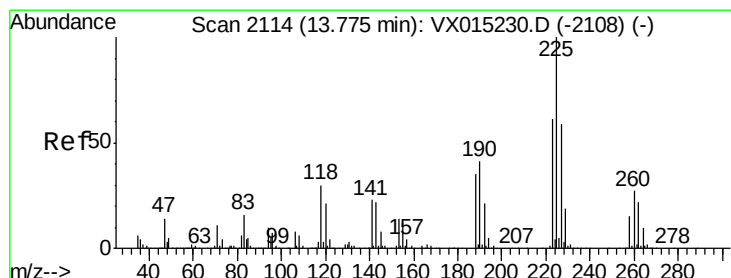
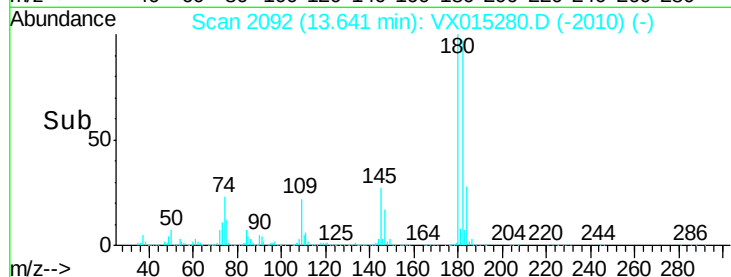
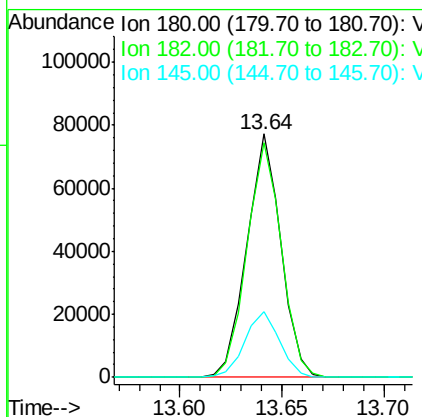
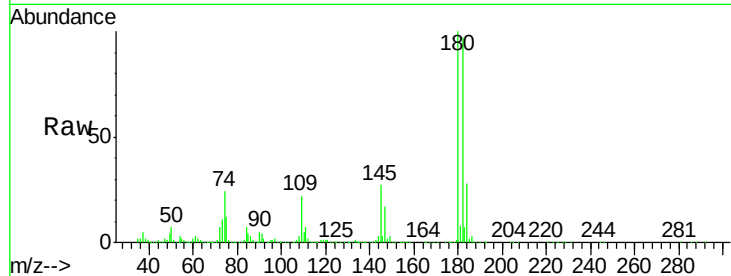
#89
 1,2,4-Trichlorobenzene
 Concen: 16.151 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.6	115.0
145	27.8	22.7	34.1

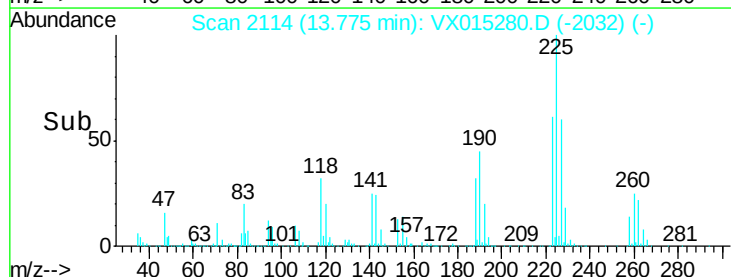
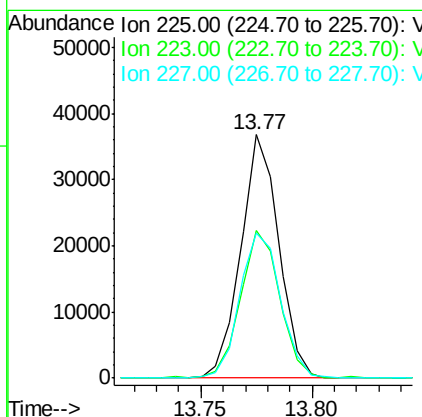
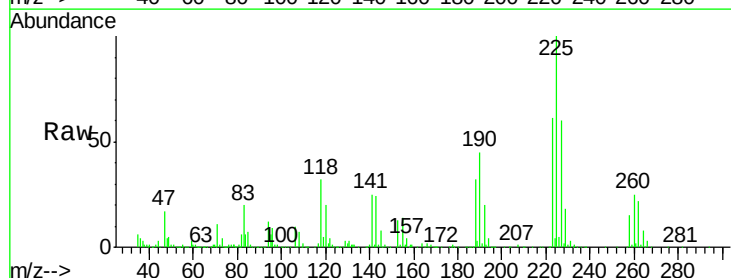
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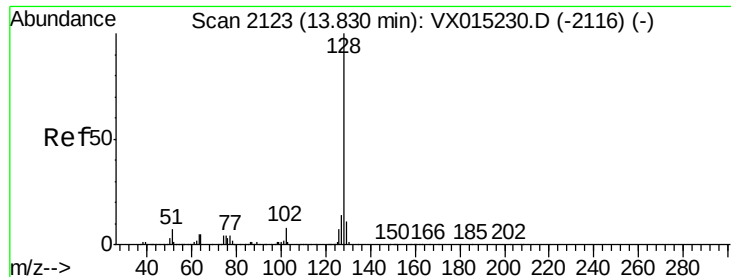
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#90
 Hexachlorobutadiene
 Concen: 15.351 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	0.0	125.0
227	63.9	0.0	126.2





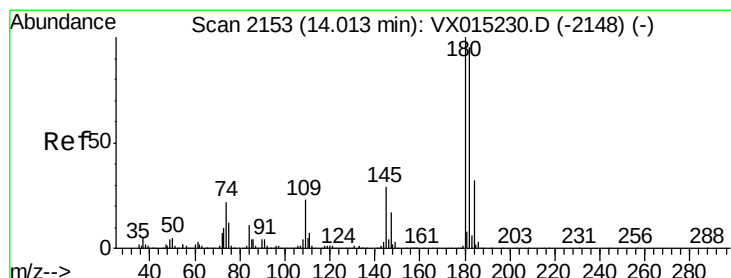
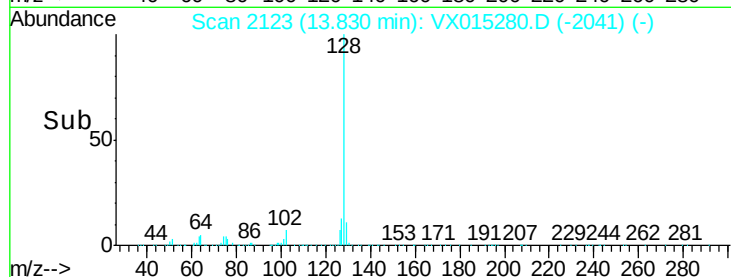
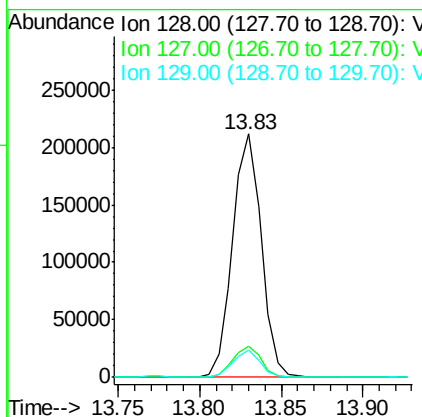
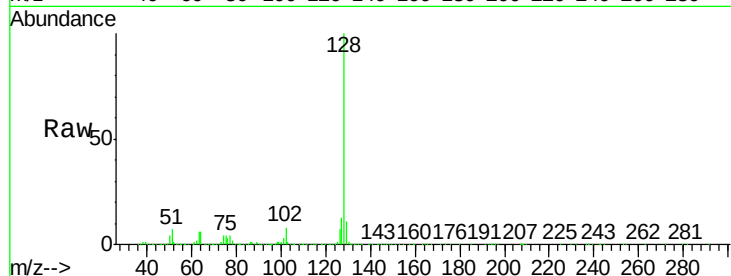
#91
Naphthalene
Concen: 16.879 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	128	Resp:	259794
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.8	16.2
129	10.6	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 16.913 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion:	180	Resp:	94572
Ion Ratio	Lower	Upper	
180	100		
182	96.3	0.0	192.0
145	29.7	0.0	60.0

