

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022820\
 Data File : VX015059.D
 Acq On : 28 Feb 2020 15:44
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 3/2/2020 11:09:30 AM

Quant Time: Feb 29 00:22:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	75071	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	390354	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	335455	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	147853	28.32	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.40%
60) 4-Bromofluorobenzene	11.13	95	168002	32.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	107.20%
63) Toluene-d8	8.70	98	471132	32.21	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	107.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	58668	17.501	ug/l 99
3) Chloromethane	1.32	50	84096	19.401	ug/l 98
4) Vinyl Chloride	1.41	62	86017	18.438	ug/l 100
5) Bromomethane	1.64	94	55807	17.082	ug/l 99
6) Chloroethane	1.72	64	57052	18.257	ug/l 99
7) Trichlorofluoromethane	1.93	101	114704	16.894	ug/l 100
8) Diethyl Ether	2.18	74	51018	17.862	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72523	18.475	ug/l 99
10) 1,1-Dichloroethene	2.37	96	70263	17.804	ug/l 96
11) Methyl Iodide	2.50	142	71871	14.988	ug/l 100
12) Methyl Acetate	2.76	43	94169	19.176	ug/l 96
13) Acrolein	2.28	56	82011	83.971	ug/l 99
14) Acrylonitrile	3.12	53	219719	99.072	ug/l 98
15) Acetone	2.42	58	65144	82.078	ug/l 92
16) Carbon Disulfide	2.56	76	186700	17.595	ug/l 100
17) Allyl chloride	2.72	41	134061	19.529	ug/l 93
18) Methylene Chloride	2.85	84	85395	18.781	ug/l 99
19) trans-1,2-Dichloroethene	3.16	96	79412	18.320	ug/l 98
20) Diisopropyl ether	3.84	45	271232	19.346	ug/l 95
21) 1,1-Dichloroethane	3.69	63	146507	19.063	ug/l 100
22) cis-1,2-Dichloroethene	4.58	96	89161	17.975	ug/l 93
23) tert-Butyl Alcohol	3.01	59	76428	86.936	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	247304	18.836	ug/l 97
25) Chloroform	5.19	83	144530	18.649	ug/l 98
26) Cyclohexane	5.57	56	128237	18.670	ug/l 98
29) 1,1-Dichloropropene	5.78	75	109444	19.822	ug/l 99
30) 2-Butanone	4.65	43	301210	94.514	ug/l 100
31) 2,2-Dichloropropane	4.57	77	115747	19.092	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	121471	19.373	ug/l 98
33) Carbon Tetrachloride	5.77	117	105433	19.209	ug/l 95
34) Benzene	6.13	78	331501	19.898	ug/l 98
35) Methacrylonitrile	5.01	41	64949	19.979	ug/l 97
36) 1,2-Dichloroethane	6.17	62	116922	19.827	ug/l 98
37) Trichloroethene	7.20	130	93218	19.928	ug/l 93
38) Methylcyclohexane	7.45	83	134418	19.641	ug/l 99
39) 1,2-Dichloropropane	7.50	63	86654	20.206	ug/l 98
40) Dibromomethane	7.65	93	55599	19.416	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	111259	19.669	ug/l	97
42) Vinyl Acetate	3.80	43	1134743	101.160	ug/l	99
43) Ethyl Acetate	4.81	43	116900	20.273	ug/l	96
44) Isopropyl Acetate	6.42	43	188846	19.481	ug/l	99
45) 1,4-Dioxane	7.72	88	32818	366.390	ug/l	96
46) Methyl methacrylate	7.76	41	93152	19.424	ug/l	99
47) n-amyl Acetate	10.89	43	154669	18.418	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	117443	18.713	ug/l	94
49) cis-1,3-Dichloropropene	8.43	75	135919	19.672	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	84604	19.831	ug/l	99
51) Ethyl methacrylate	9.17	69	123119	18.698	ug/l	96
52) 1,3-Dichloropropane	9.36	76	142512	19.746	ug/l	99
53) Dibromochloromethane	9.57	129	86528	18.759	ug/l	99
54) 1,2-Dibromoethane	9.67	107	86747	19.151	ug/l	100
55) 2-Chloroethyl vinyl ether	8.30	63	349351	99.599	ug/l	98
56) Bromoform	10.85	173	66946	18.515	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	587220	106.812	ug/l	100
59) 2-Hexanone	9.48	43	424659	98.861	ug/l	99
61) Tetrachloroethene	9.33	164	95013	21.088	ug/l	99
62) Toluene	8.78	91	349433	20.337	ug/l	100
64) Chlorobenzene	10.13	112	213845	19.498	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	77529	19.085	ug/l	98
66) Ethyl Benzene	10.25	91	370098	19.553	ug/l	98
67) m/p-Xylenes	10.35	106	292612	40.091	ug/l	98
68) o-Xylene	10.69	106	144320	20.436	ug/l	98
69) Styrene	10.70	104	245127	20.324	ug/l	98
70) Isopropylbenzene	11.01	105	393535	20.979	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	128559	21.285	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	109001m	21.757	ug/l	
73) Bromobenzene	11.25	156	103789	20.477	ug/l	98
74) n-propylbenzene	11.35	91	448046	20.986	ug/l	99
75) 2-Chlorotoluene	11.42	91	264600	20.972	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	321833	20.471	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	38143	18.881	ug/l	99
78) 4-Chlorotoluene	11.50	91	302178	20.705	ug/l	100
79) tert-butylbenzene	11.76	119	314126	20.682	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	326178	20.869	ug/l	98
81) sec-Butylbenzene	11.94	105	387683	21.314	ug/l	100
82) p-Isopropyltoluene	12.06	119	352642	20.869	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	181979	20.481	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	180299	20.151	ug/l	97
85) n-Butylbenzene	12.38	91	299944	20.398	ug/l	99
86) Hexachloroethane	12.59	117	60415	19.780	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	180617	20.428	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	25863	19.662	ug/l	100
89) 1,2,4-Trichlorobenzene	13.64	180	123307	19.393	ug/l	100
90) Hexachlorobutadiene	13.78	225	64622	20.465	ug/l	98
91) Naphthalene	13.83	128	345547	19.196	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	124750	19.762	ug/l	99

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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
VSTDCCC020EC

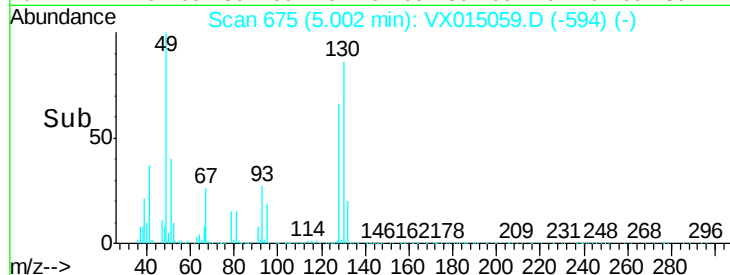
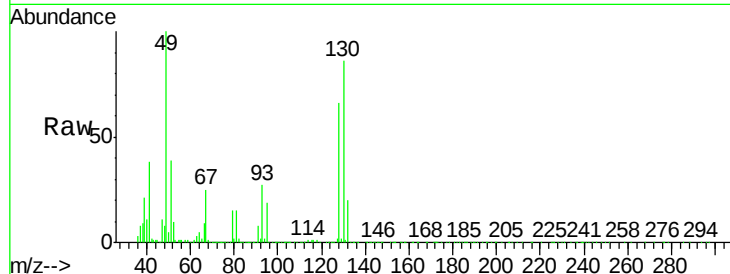
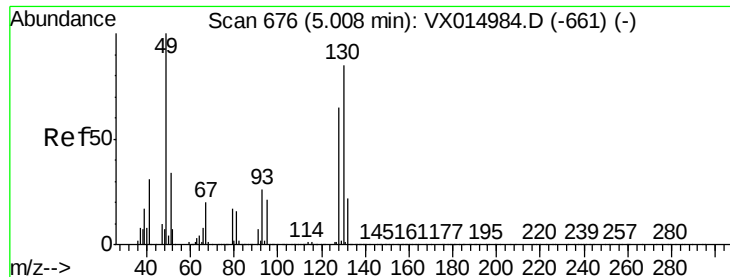
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



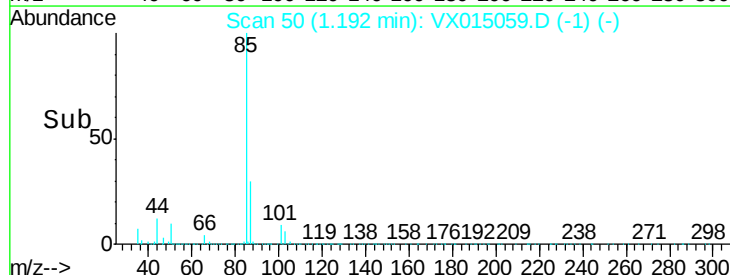
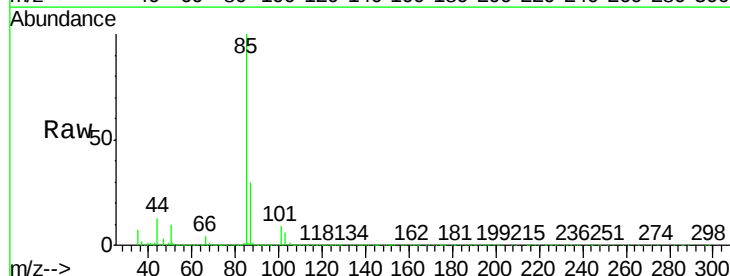
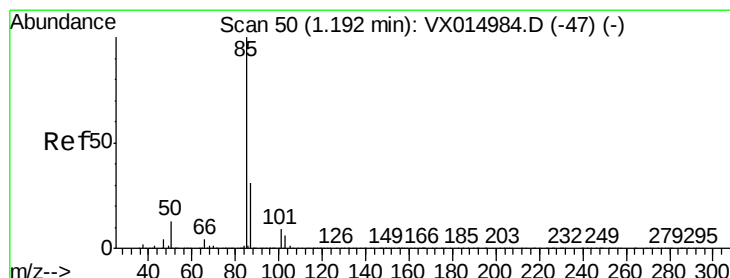
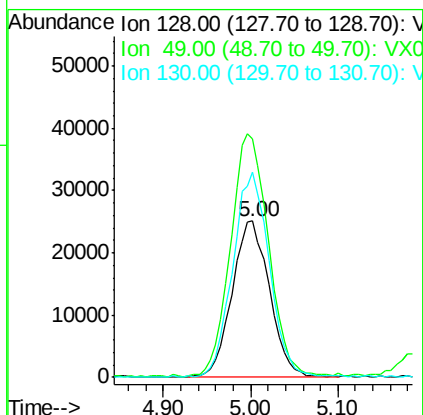
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Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tot Ion	Ratio	Lower	Upper
128	100		
49	157.9	0.0	384.7
130	127.5	0.0	330.8

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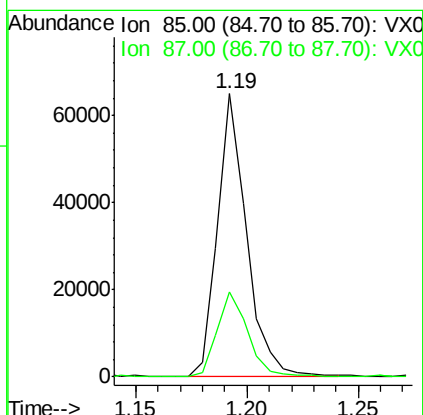
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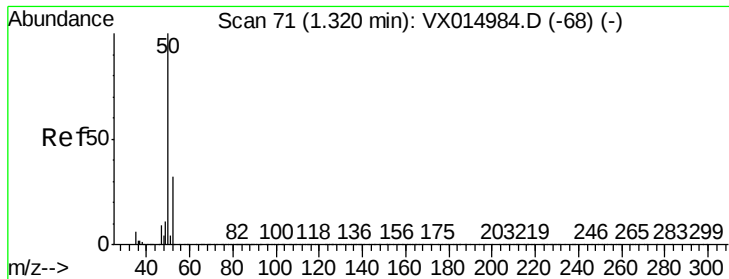
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#2
Dichlorodifluoromethane
Concen: 17.501 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.9	15.3	45.9





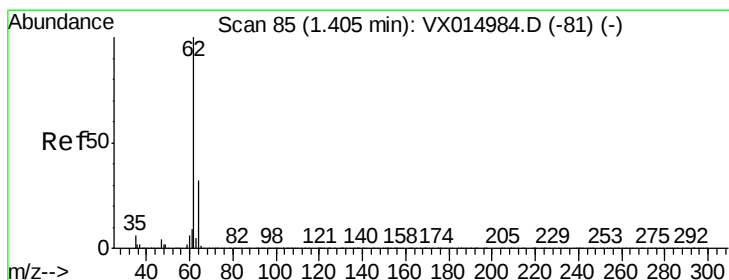
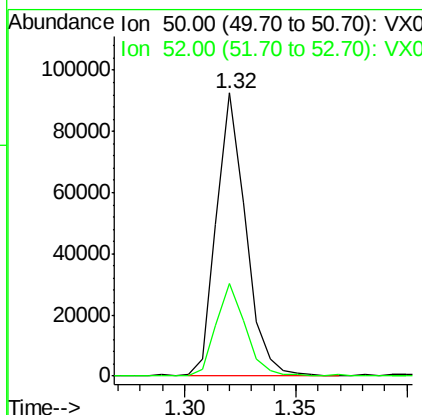
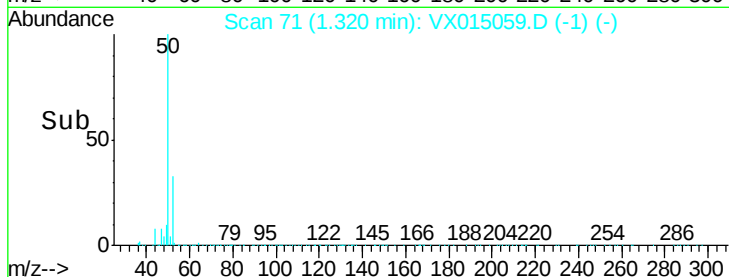
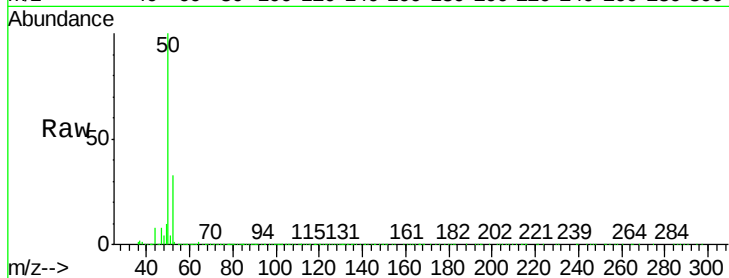
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Chloromethane
Concen: 19.401 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.8	25.4	38.0

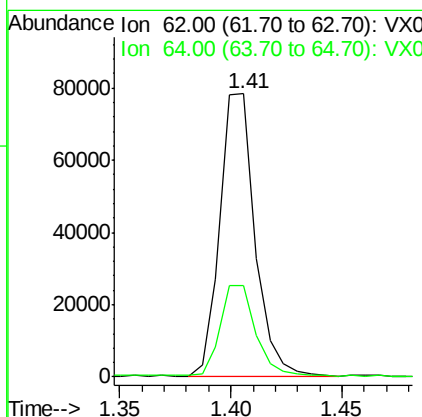
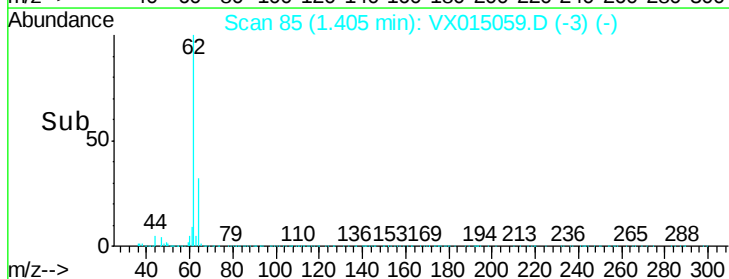
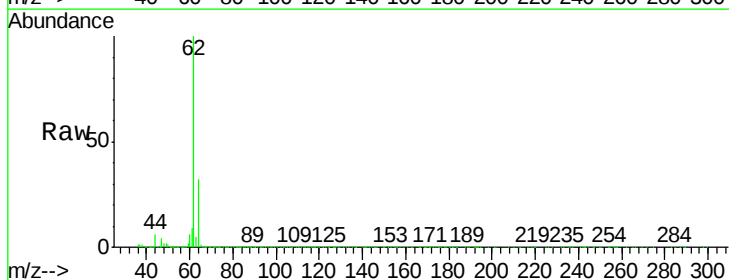
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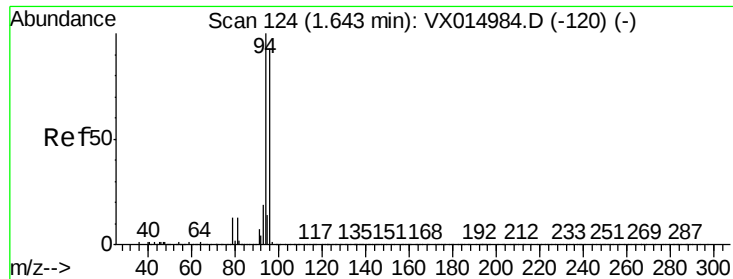
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#4
Vinyl Chloride
Concen: 18.438 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.4	38.0





#5

Bromomethane

Concen: 17.082 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 55807

Ion Ratio Lower Upper

94 100

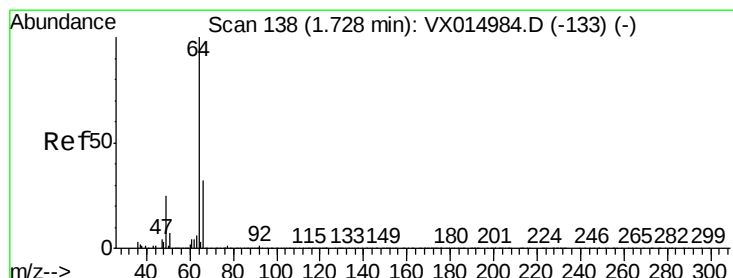
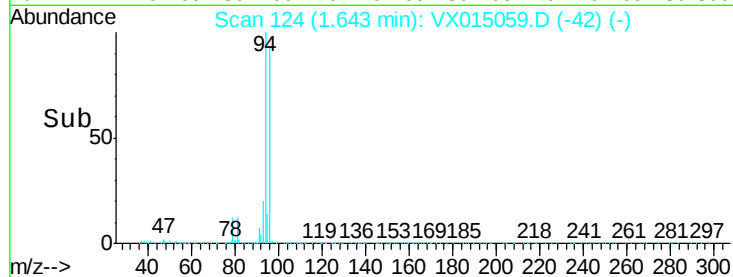
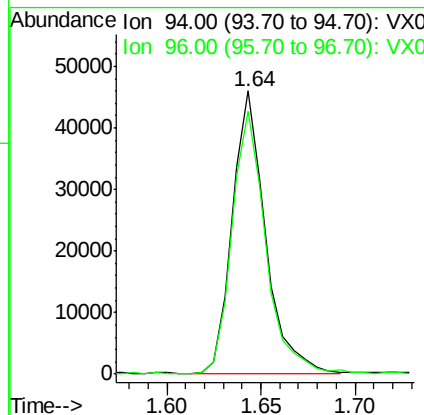
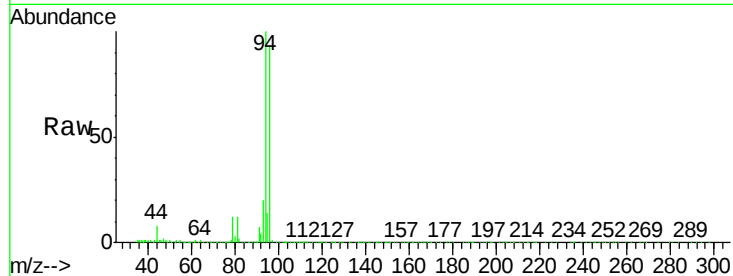
96 92.7 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 18.257 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX015059.D

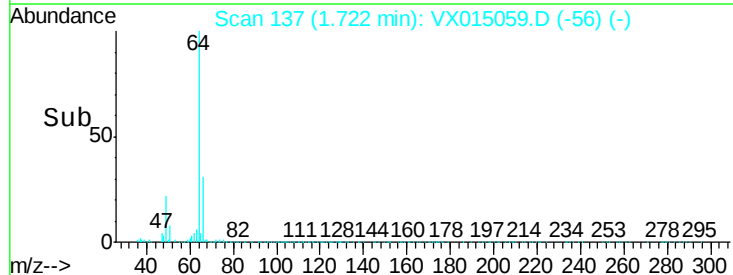
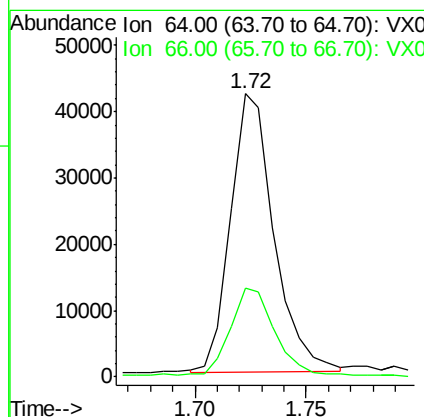
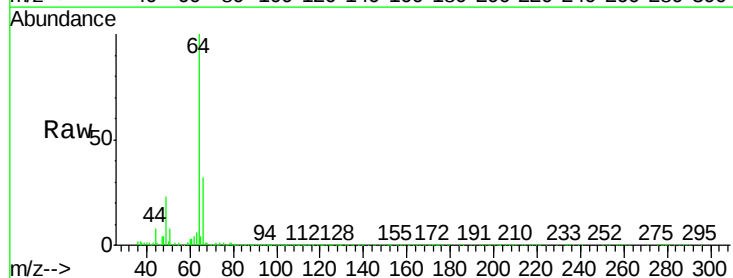
Acq: 28 Feb 2020 15:44

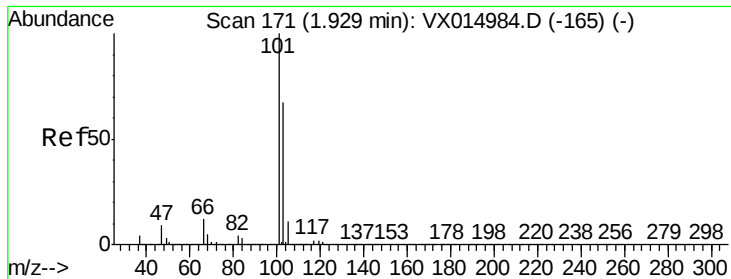
Tgt Ion: 64 Resp: 57052

Ion Ratio Lower Upper

64 100

66 31.5 25.8 38.6





#7

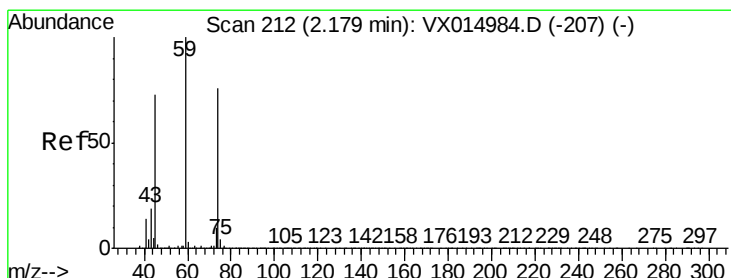
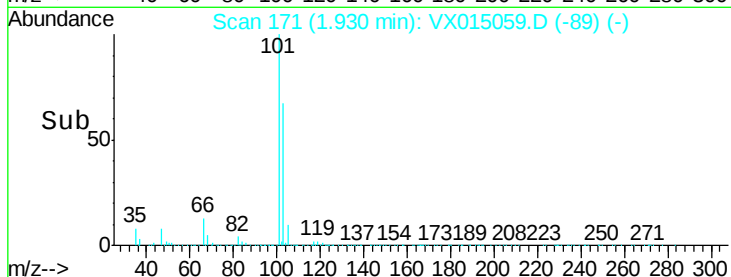
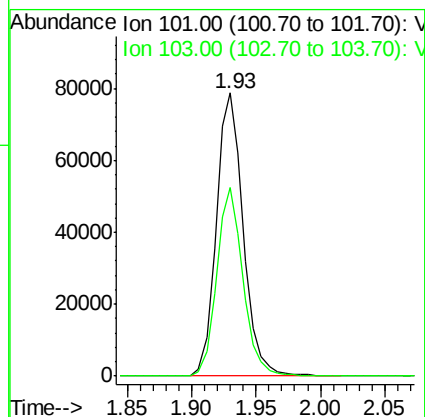
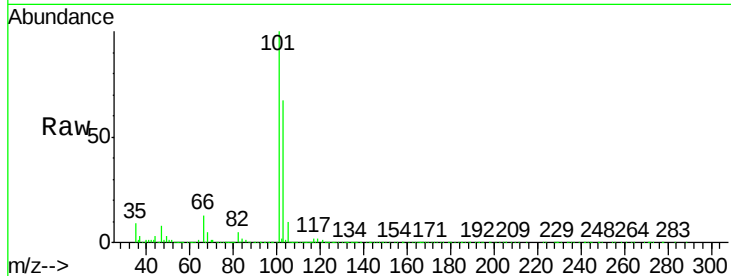
Trichlorofluoromethane
Concen: 16.894 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	53.4	80.2

Manual Integrations
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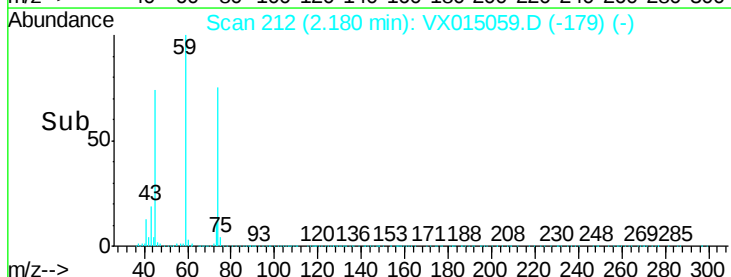
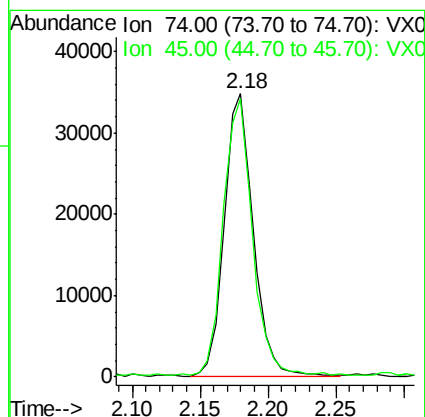
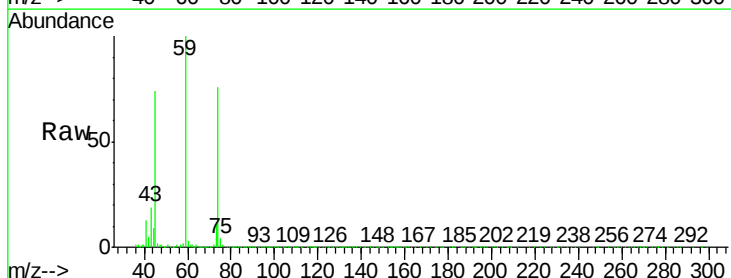
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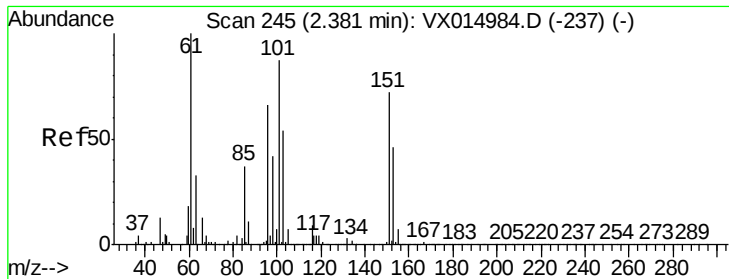


#8

Diethyl Ether
Concen: 17.862 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	19.6	176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.475 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

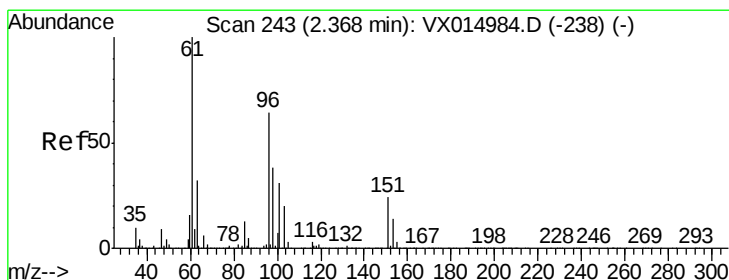
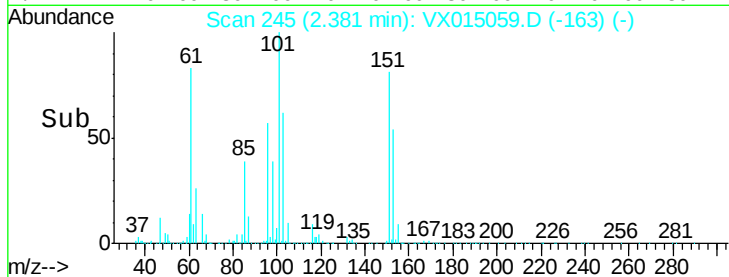
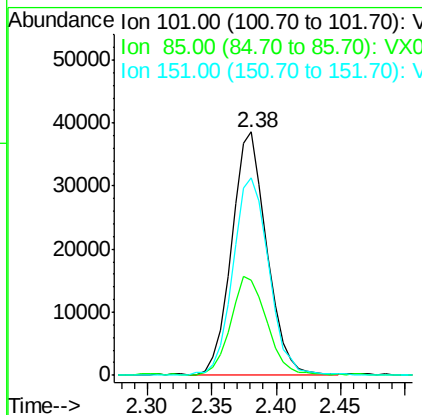
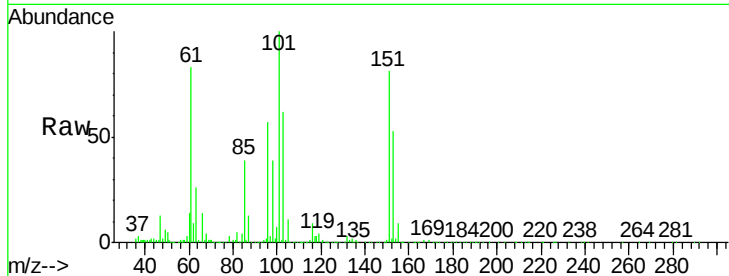
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	72523
Ion Ratio	Lower	Upper	
101	100		
85	42.1	0.0	86.6
151	83.7	0.0	167.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 17.804 ug/l

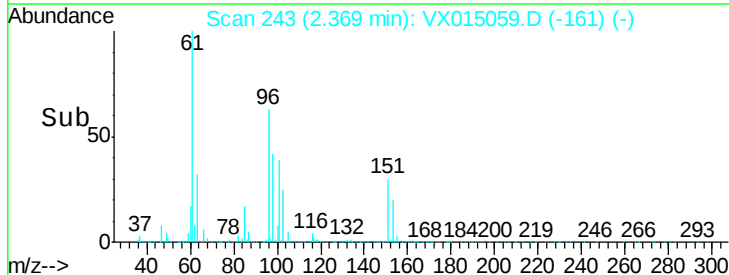
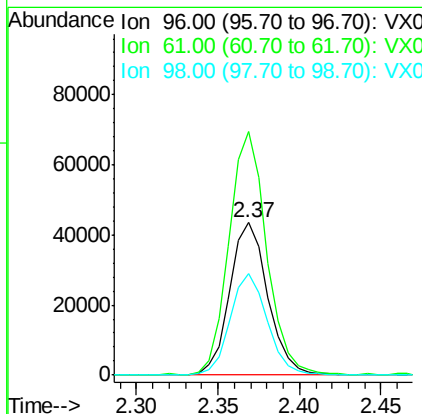
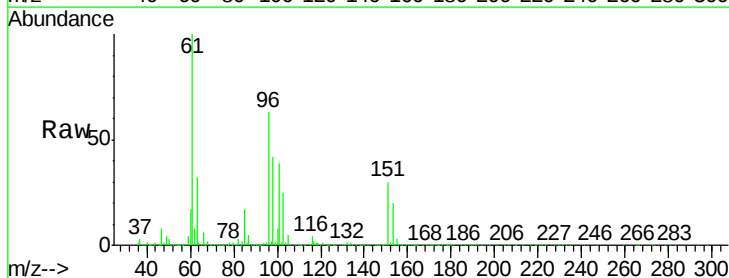
RT: 2.37 min Scan# 243

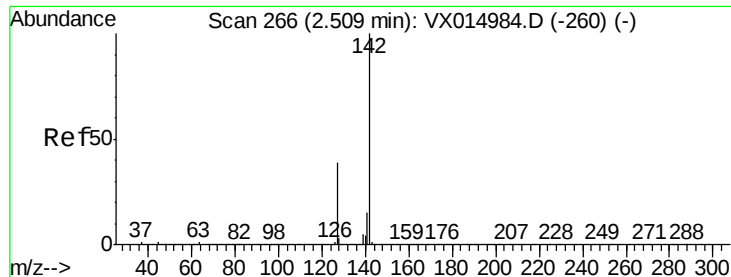
Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Tgt Ion:	96	Resp:	70263
Ion Ratio	Lower	Upper	
96	100		
61	160.0	126.1	189.1
98	66.5	48.2	72.2





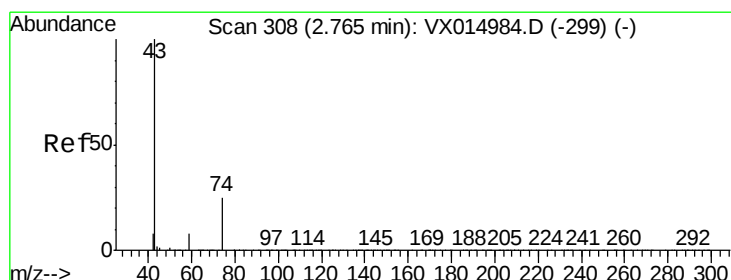
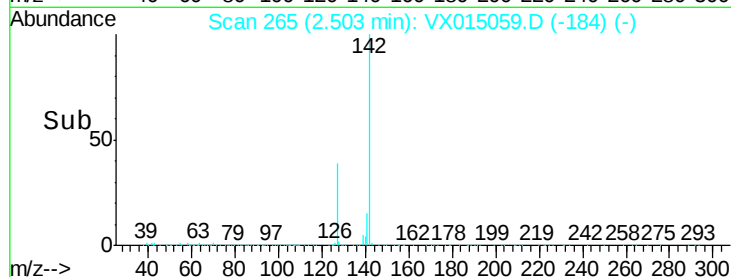
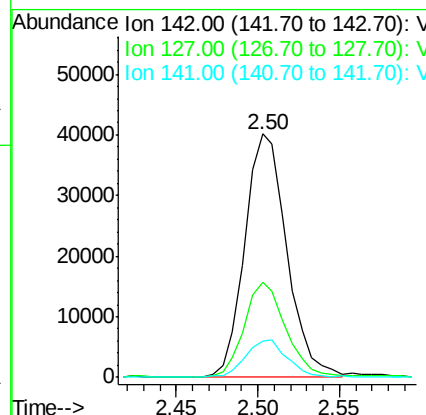
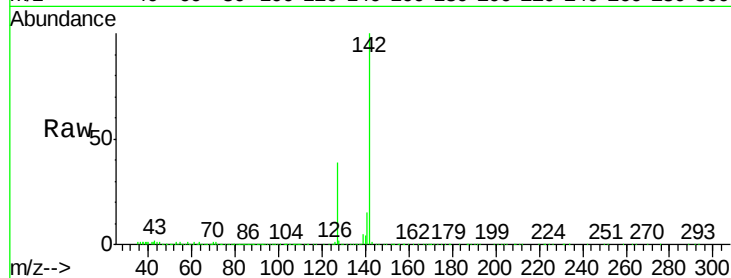
#11
Methvl Iodide
Concen: 14.988 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.1	19.7	59.0
141	14.6	7.4	22.2

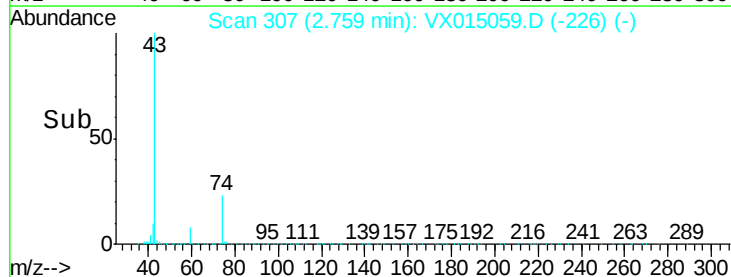
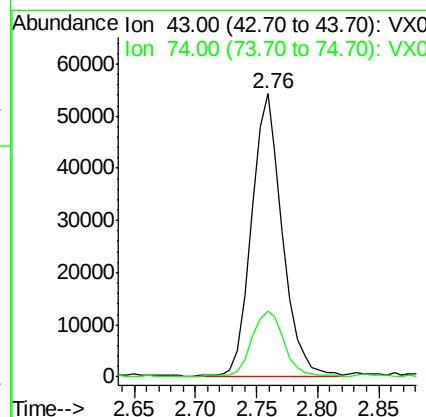
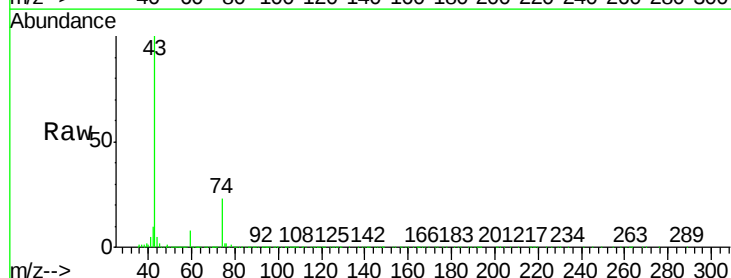
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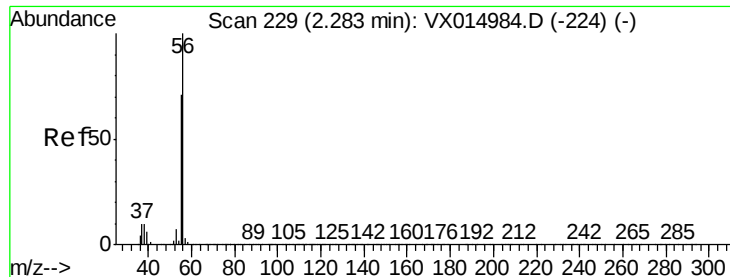
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#12
Methyl Acetate
Concen: 19.176 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	19.8	29.8





#13

Acrolein

Concen: 83.971 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 82011

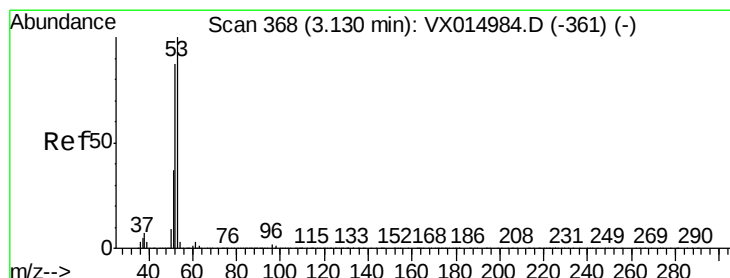
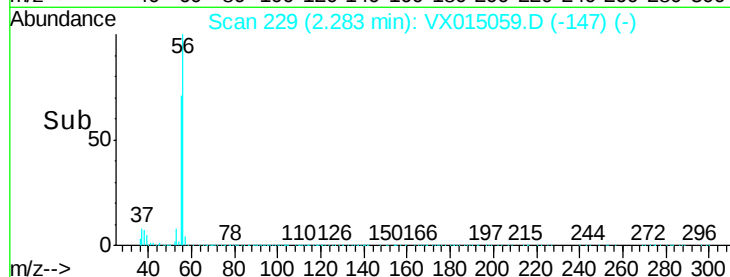
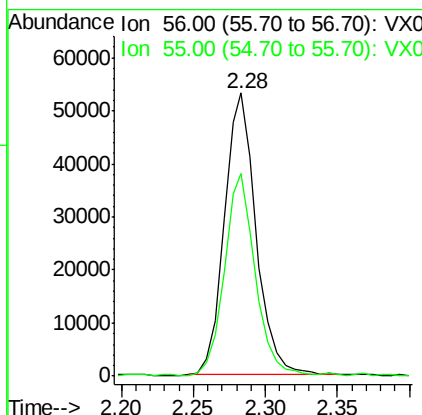
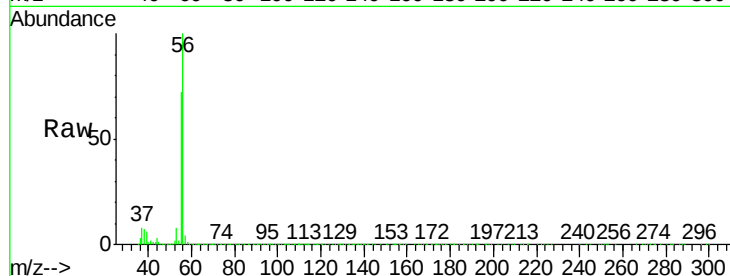
Ion Ratio Lower Upper

56 100

55 69.1 56.2 84.2

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#14

Acrylonitrile

Concen: 99.072 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

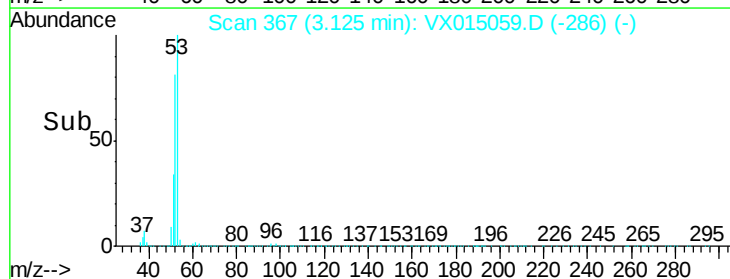
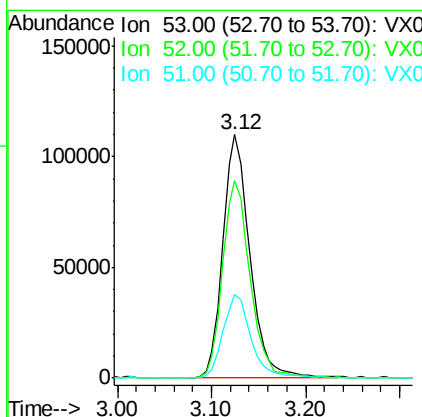
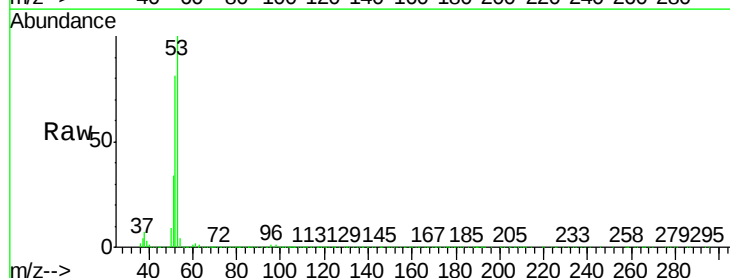
Tgt Ion: 53 Resp: 219719

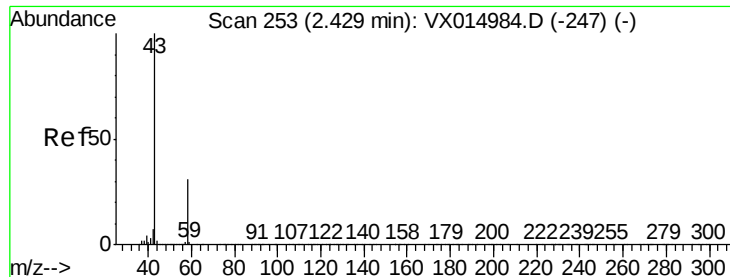
Ion Ratio Lower Upper

53 100

52 81.4 41.5 124.6

51 34.6 18.1 54.4





#15

Acetone

Concen: 82.078 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 65144

Ion Ratio Lower Upper

58 100

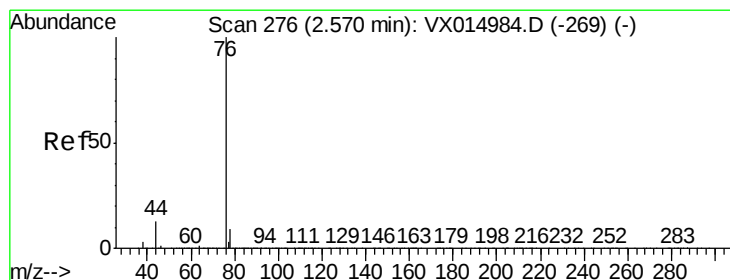
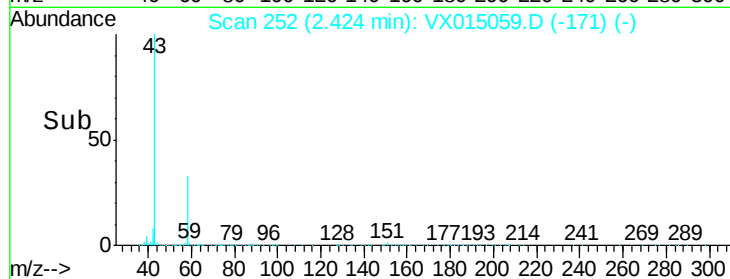
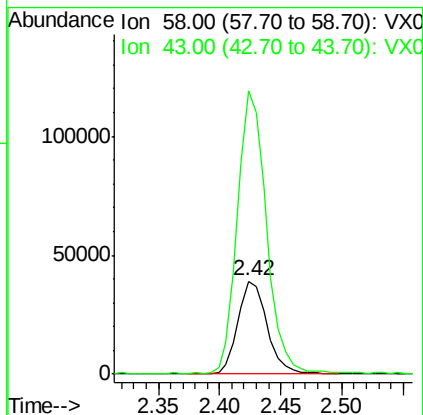
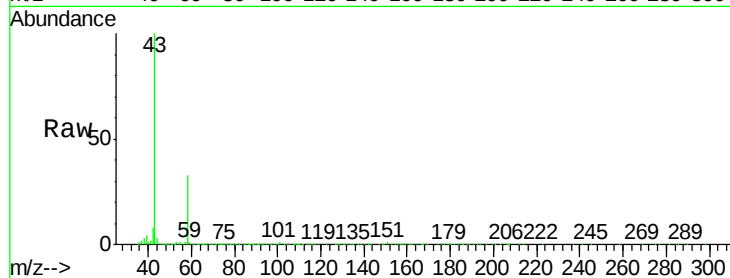
43 305.1 257.7 386.5

Manual Integrations

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#16

Carbon Disulfide

Concen: 17.595 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015059.D

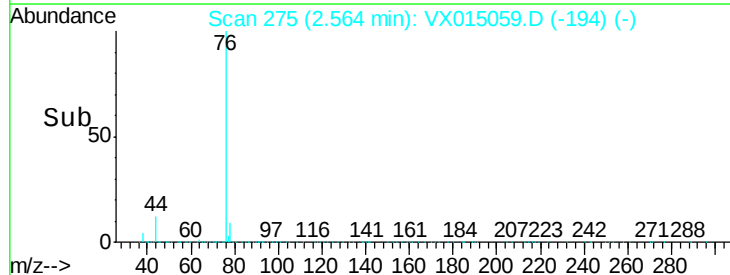
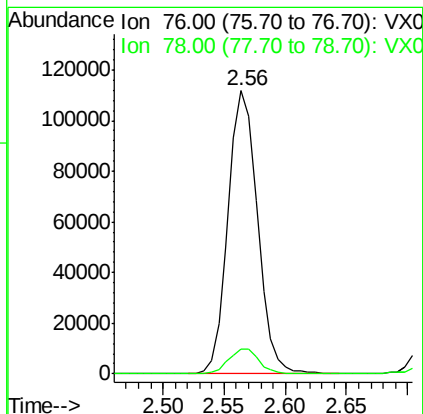
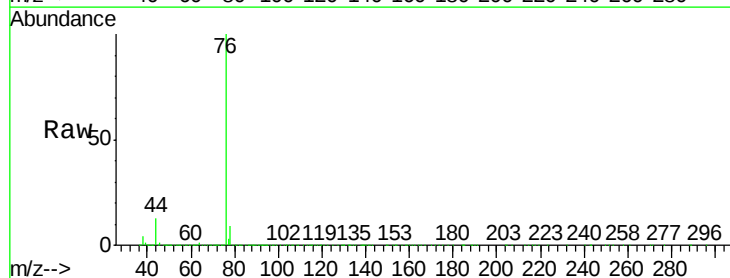
Acq: 28 Feb 2020 15:44

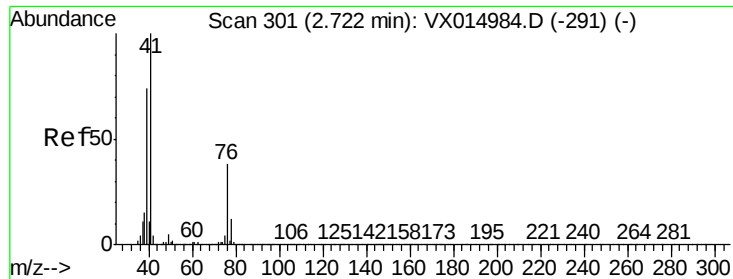
Tgt Ion: 76 Resp: 186700

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





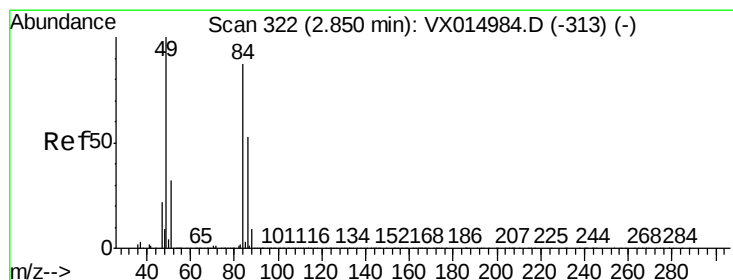
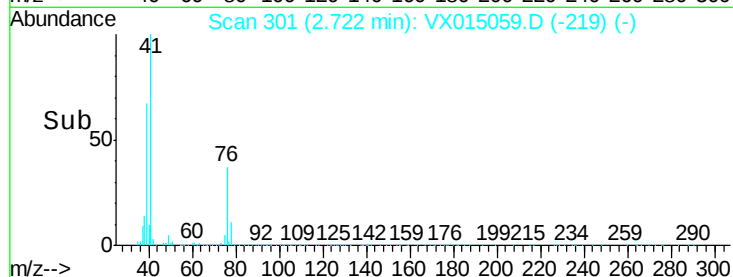
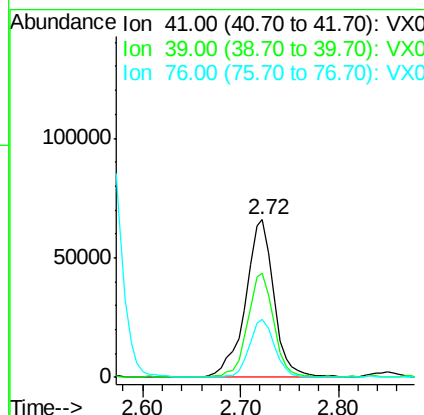
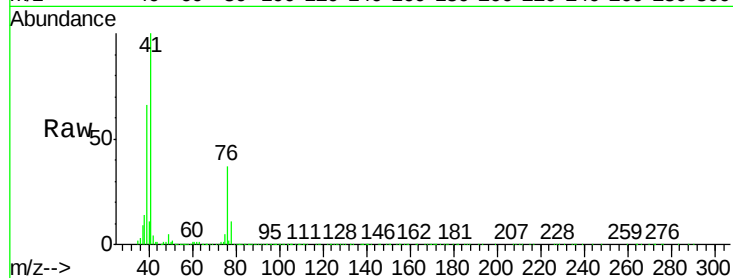
#17
Allvl chloride
Concen: 19.529 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.1	37.1	111.5
76	36.2	18.8	56.4

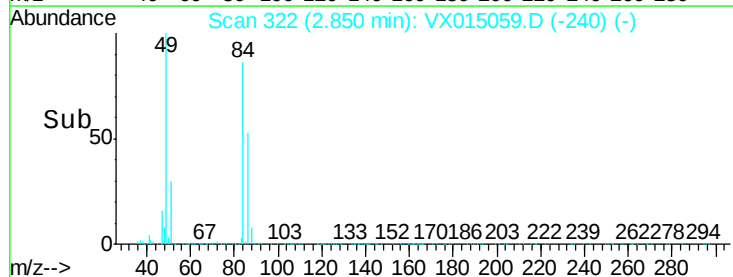
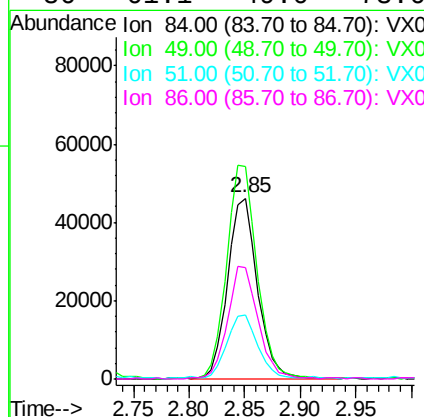
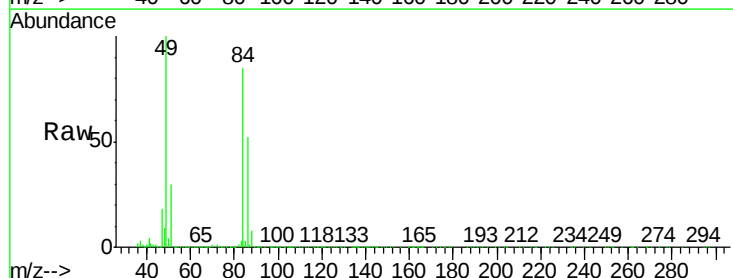
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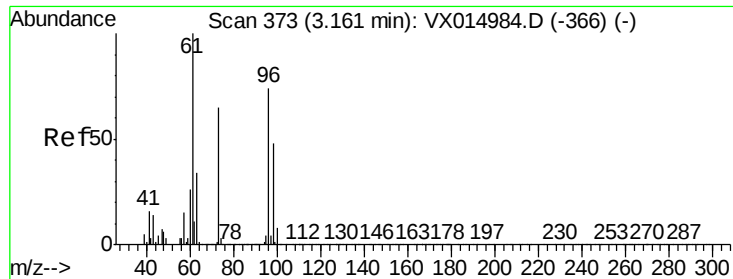
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#18
Methylene Chloride
Concen: 18.781 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.7	92.2	138.2
51	34.9	29.7	44.5
86	61.1	49.0	73.6





#19

trans-1,2-Dichloroethene

Concen: 18.320 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

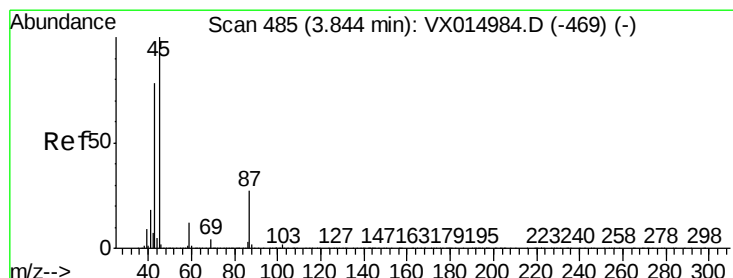
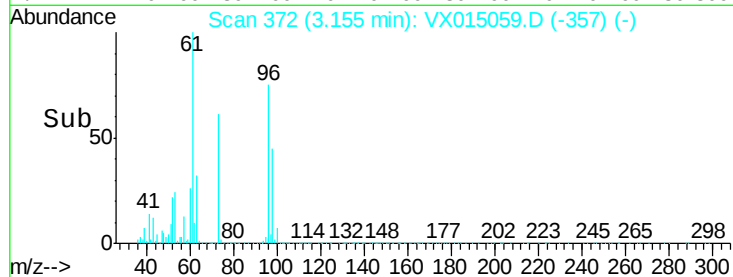
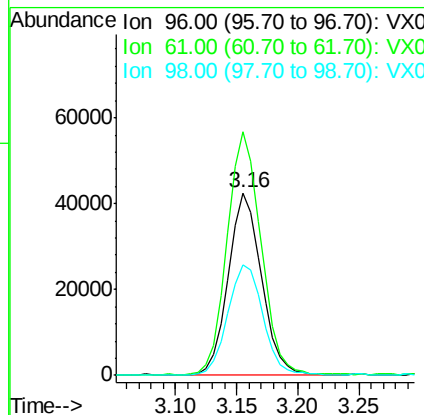
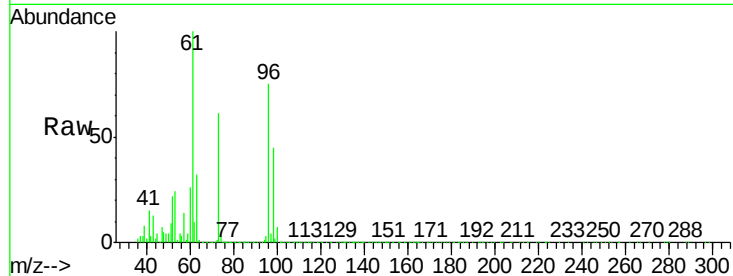
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	79412
Ion Ratio	Lower	Upper	
96	100		
61	133.0	107.1	160.7
98	60.4	51.4	77.2

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#20

Diisopropyl ether

Concen: 19.346 ug/l

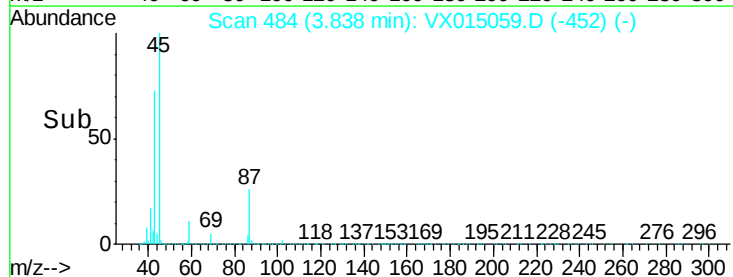
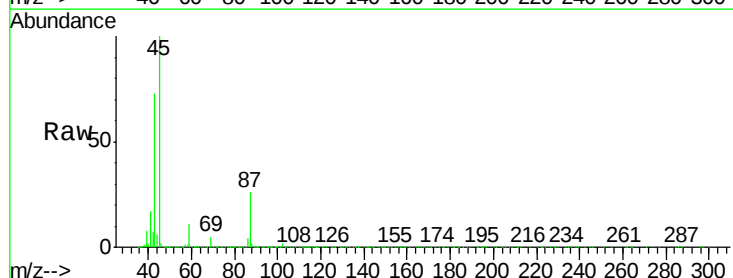
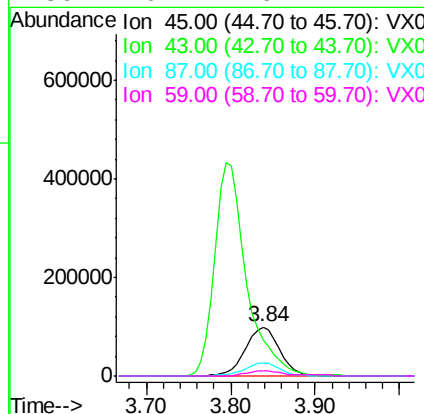
RT: 3.84 min Scan# 484

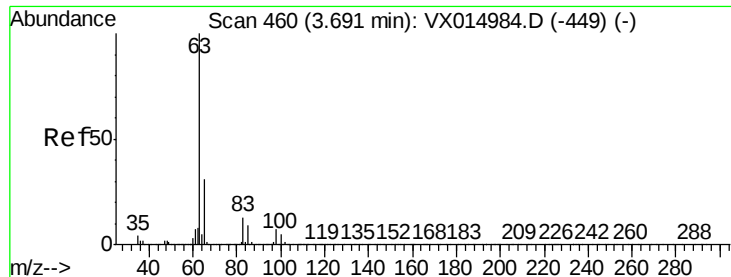
Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Tgt Ion:	45	Resp:	271232
Ion Ratio	Lower	Upper	
45	100		
43	72.0	62.3	93.5
87	26.0	21.8	32.6
59	10.7	9.4	14.2





#21

1,1-Dichloroethane

Concen: 19.063 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

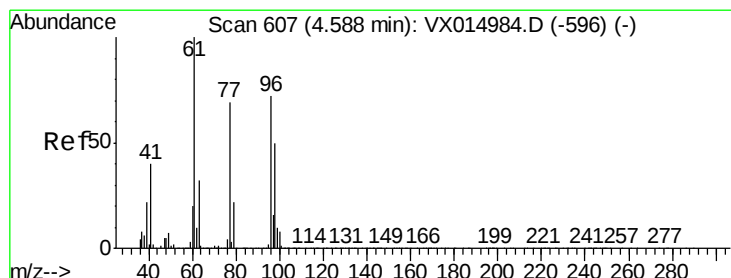
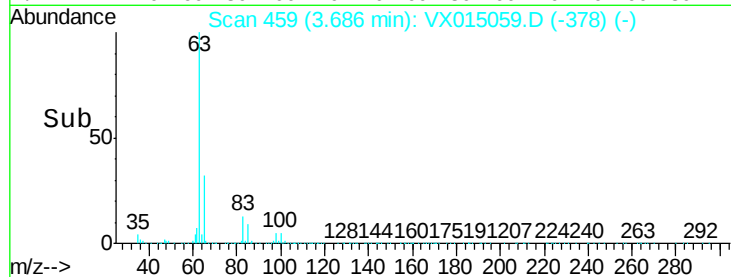
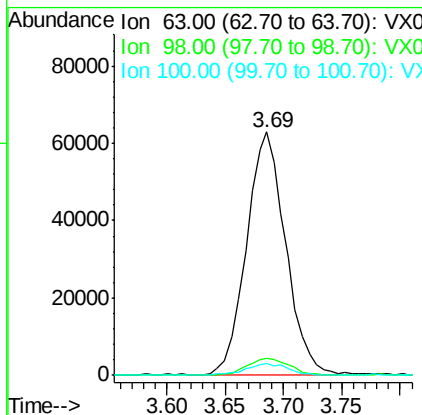
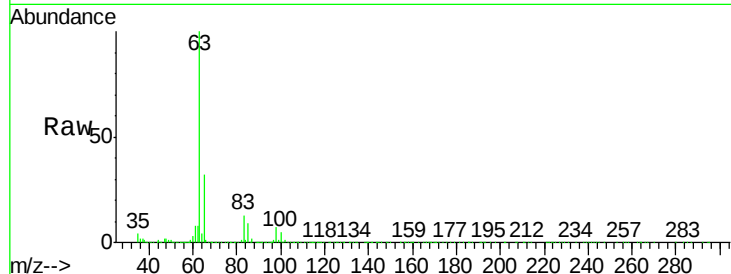
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	146507
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.5	10.5
100	4.7	2.5	7.5

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#22

cis-1,2-Dichloroethene

Concen: 17.975 ug/l

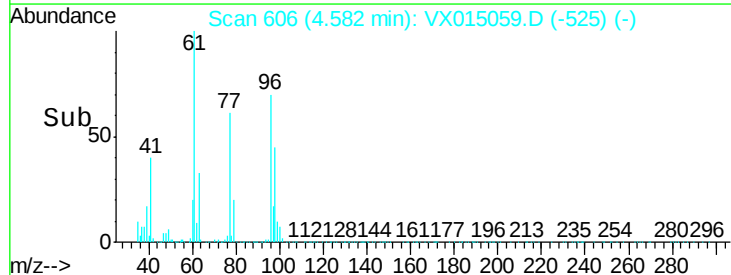
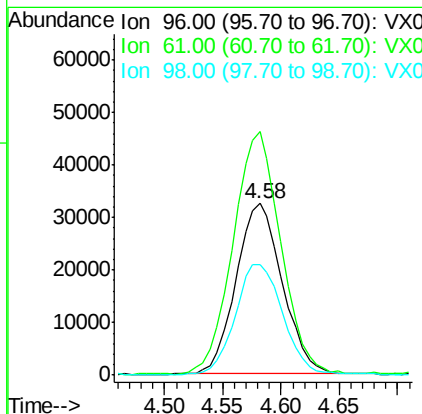
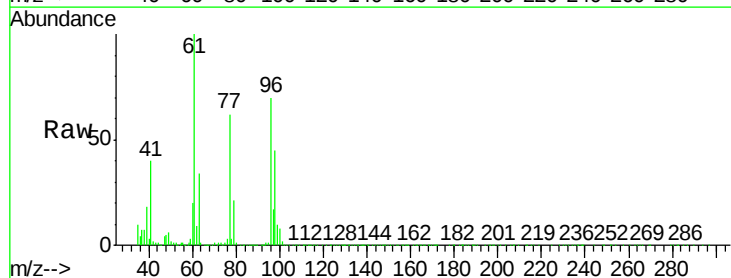
RT: 4.58 min Scan# 606

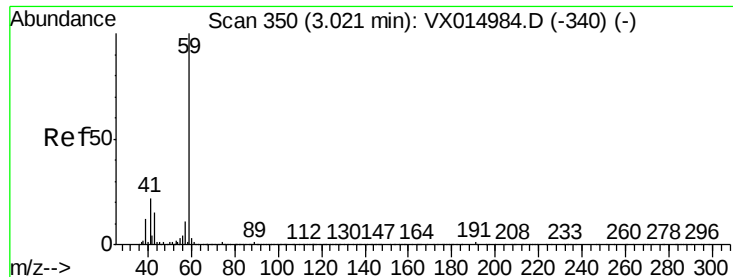
Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Tgt Ion:	96	Resp:	89161
Ion Ratio	Lower	Upper	
96	100		
61	147.4	110.6	165.8
98	66.8	50.4	75.6





#23

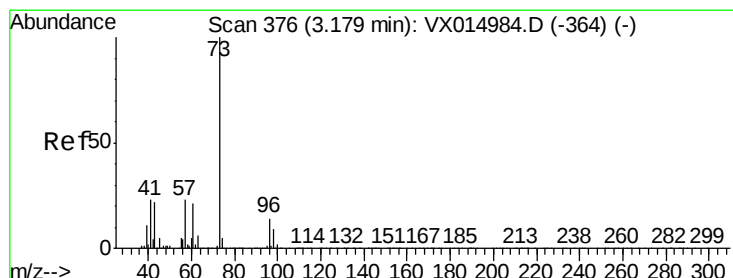
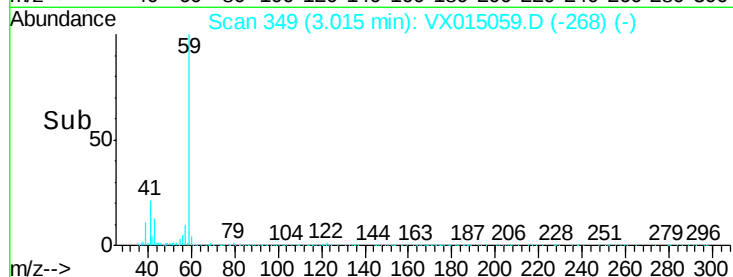
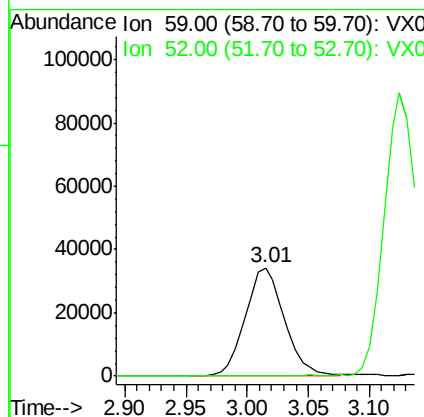
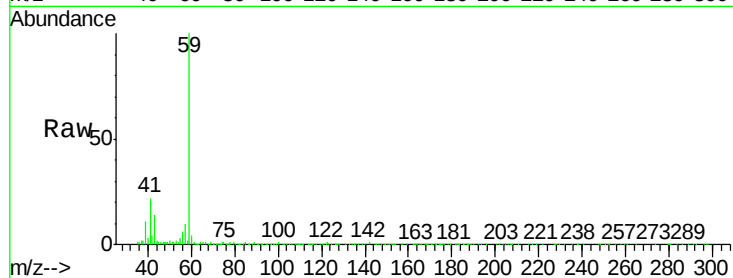
tert-Butyl Alcohol
Concen: 86.936 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.4	0.6#

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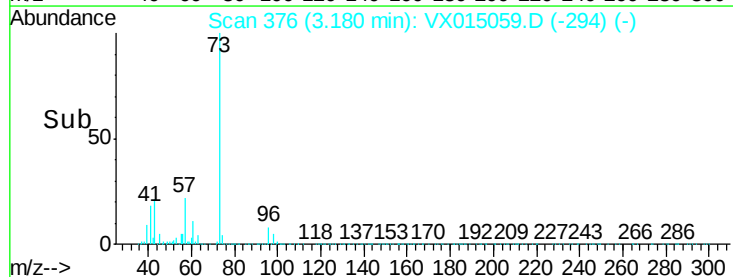
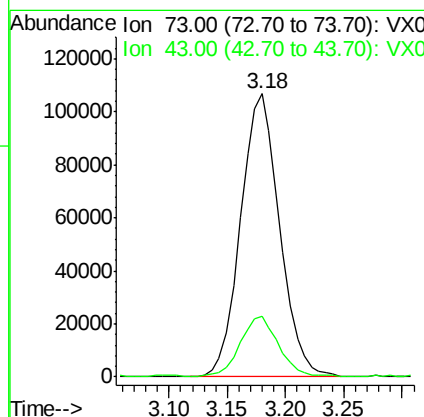
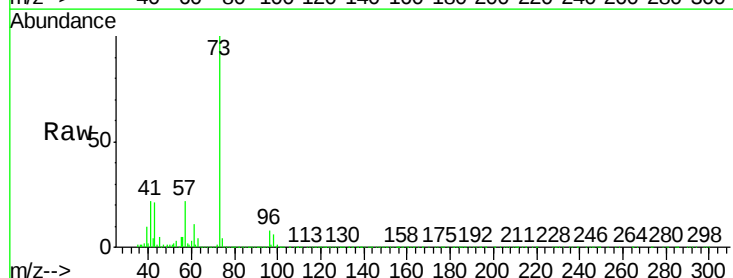
MMDadoda
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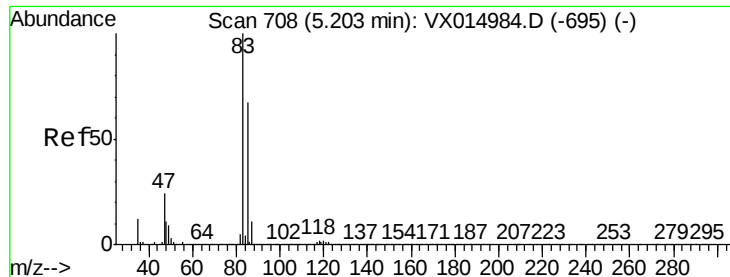


#24

Methyl tert-Butyl Ether
Concen: 18.836 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.9	17.7	26.5





#25

Chloroform

Concen: 18.649 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 144530

Ion Ratio Lower Upper

83 100

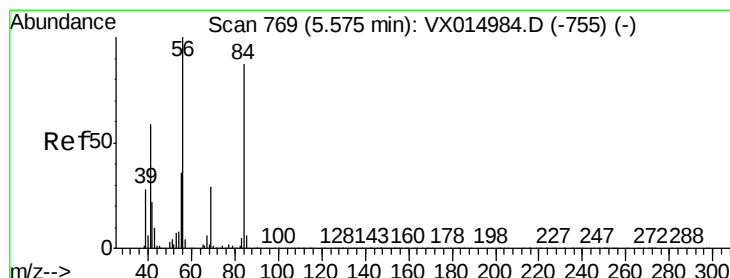
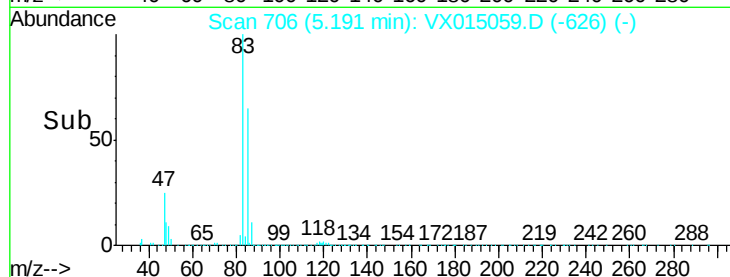
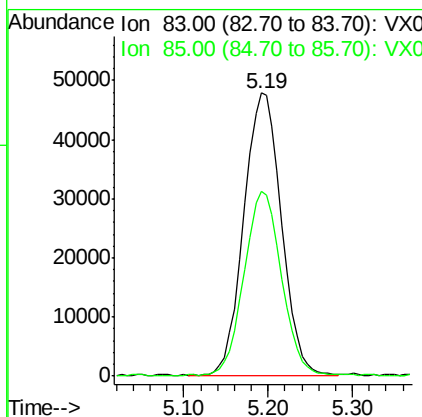
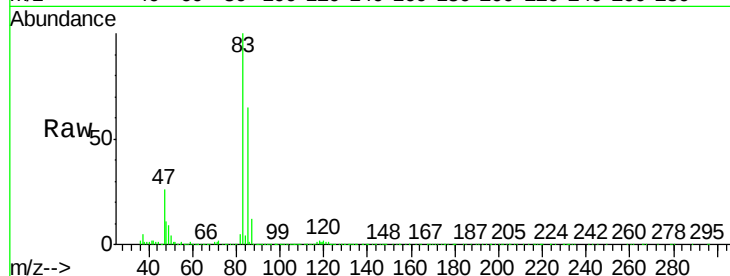
85 65.0 53.4 80.0

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#26

Cyclohexane

Concen: 18.670 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

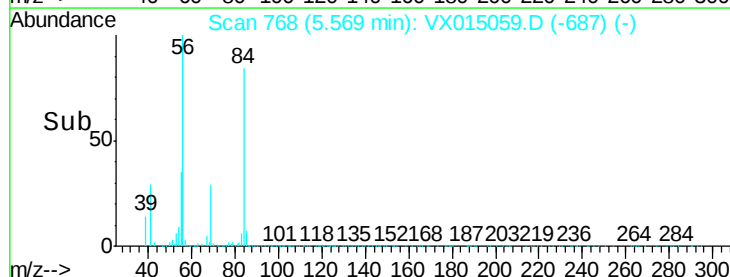
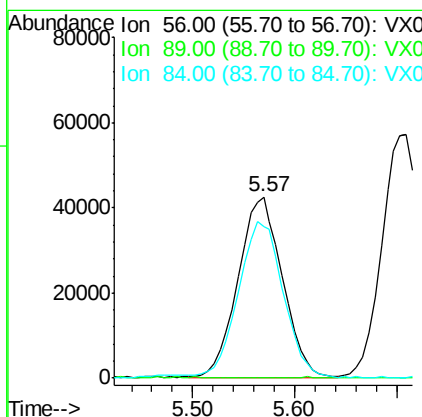
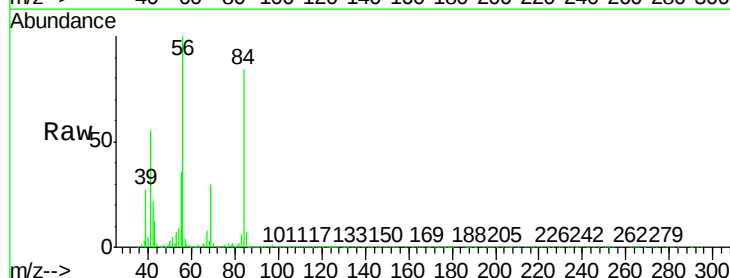
Tgt Ion: 56 Resp: 128237

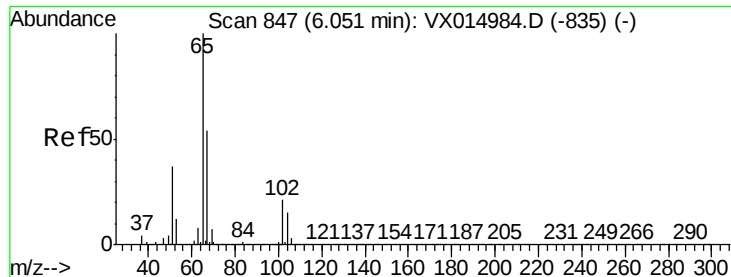
Ion Ratio Lower Upper

56 100

89 0.2 0.2 0.2

84 87.4 71.8 107.8





#27

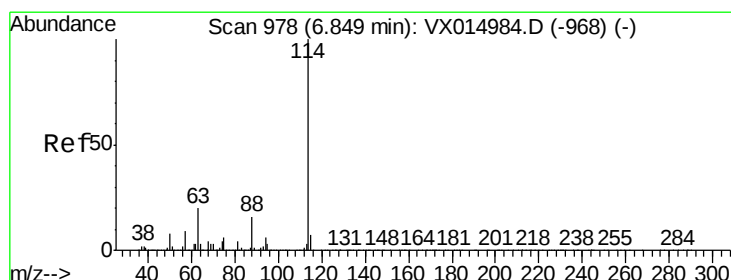
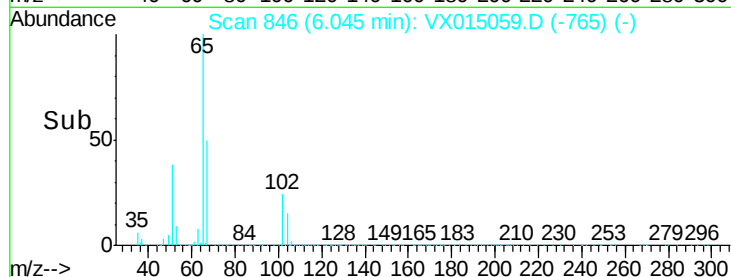
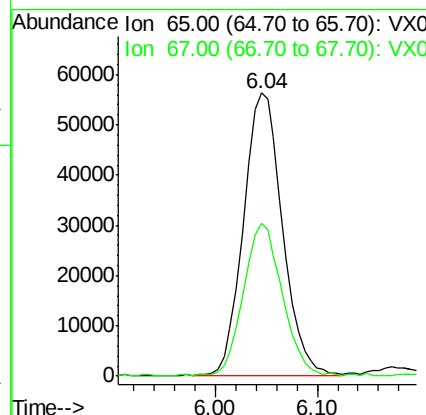
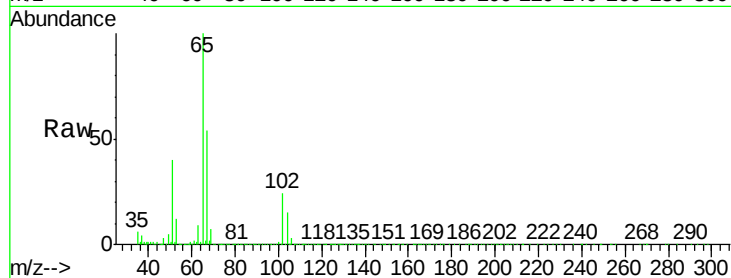
1,2-Dichloroethane-d4
Concen: 28.324 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	41.9	62.9

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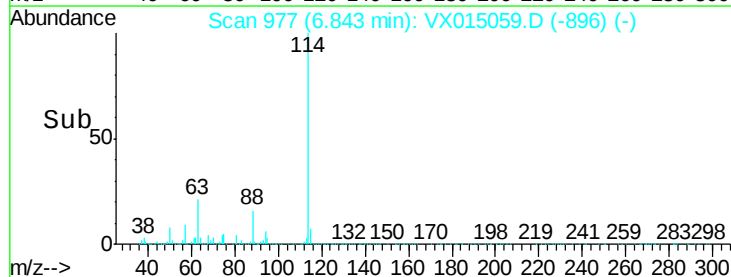
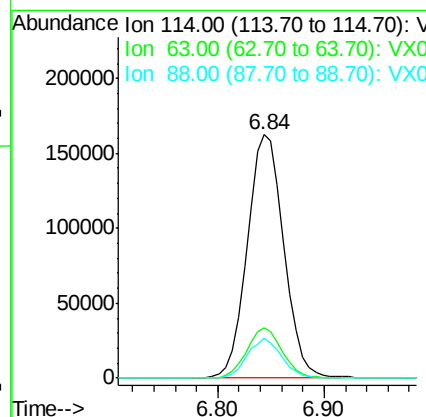
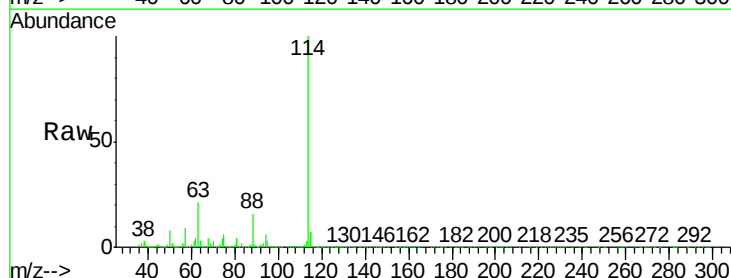
MMDadoda
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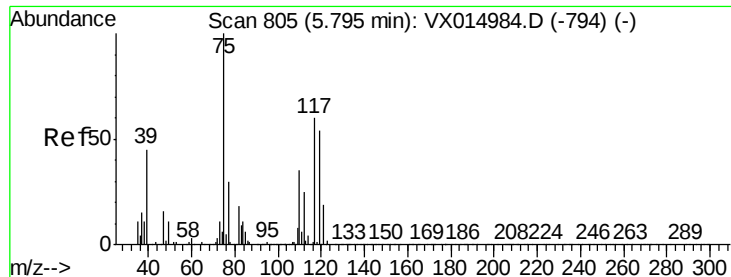


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 977
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	15.6	23.4
88	15.3	12.2	18.2





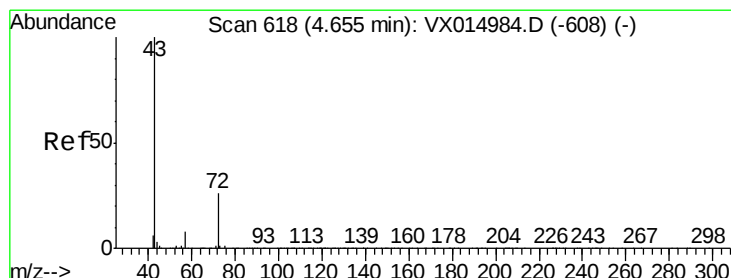
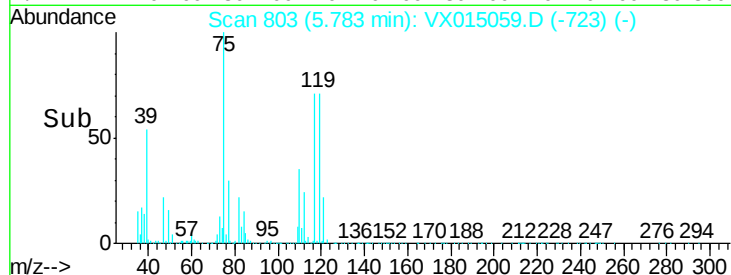
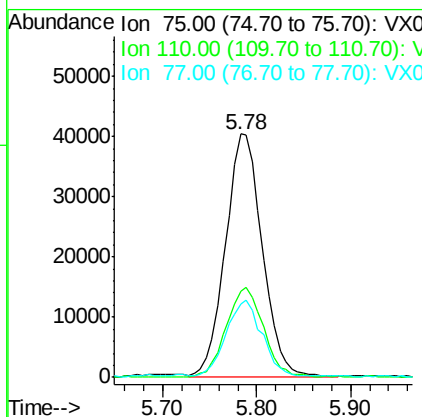
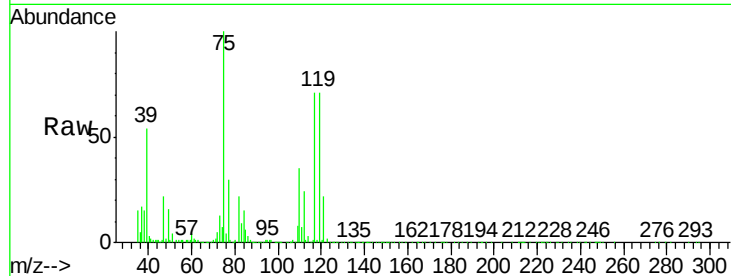
#29
 1,1-Dichloropropene
 Concen: 19.822 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.8	0.0	75.0
77	31.2	0.0	64.0

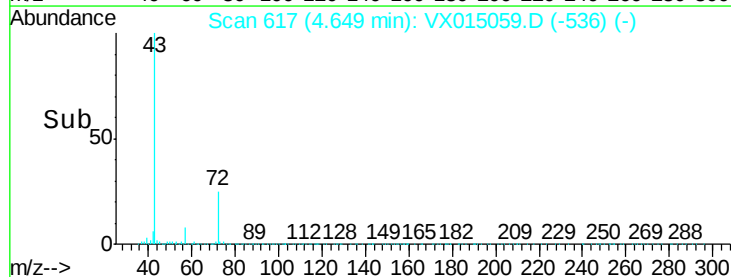
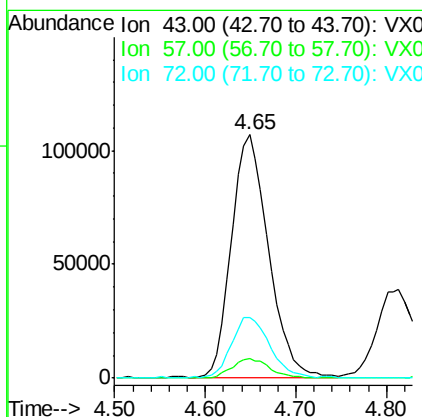
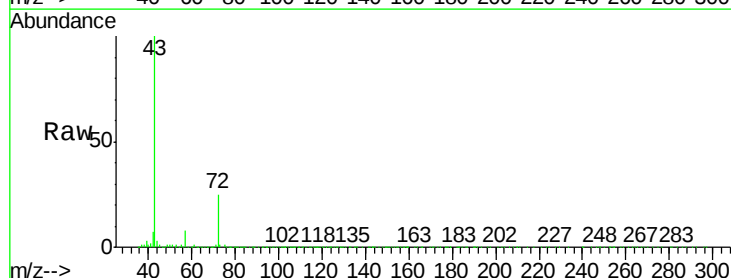
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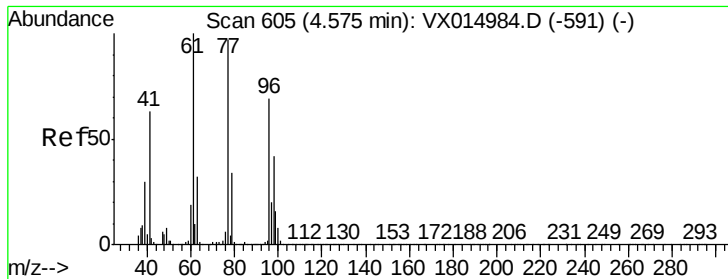
MMDadoda
 3/2/2020 11:09:30 AM



#30
 2-Butanone
 Concen: 94.514 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.5	9.7
72	25.4	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.092 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 115747

Ion Ratio Lower Upper

77 100

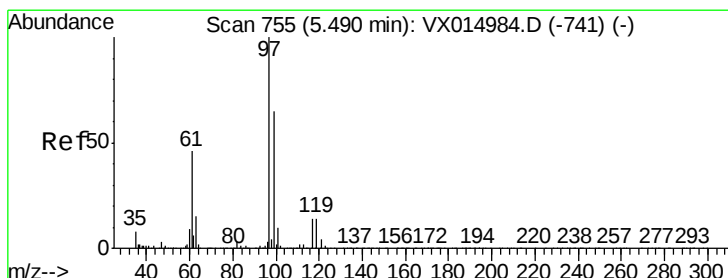
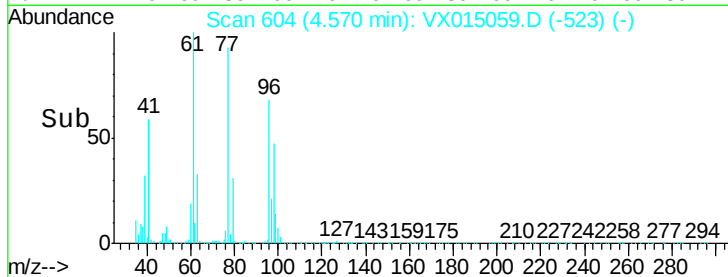
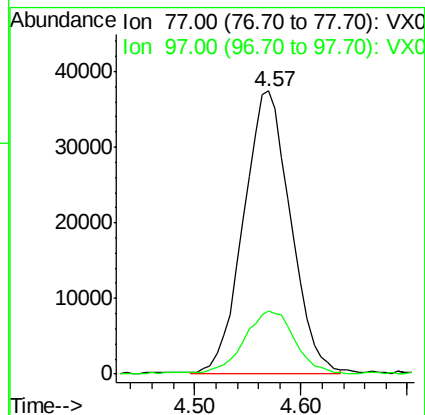
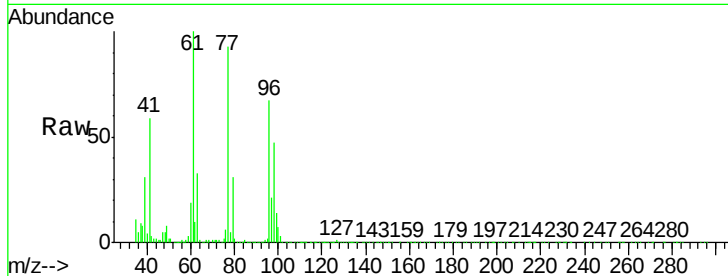
97 23.7 18.4 27.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.373 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

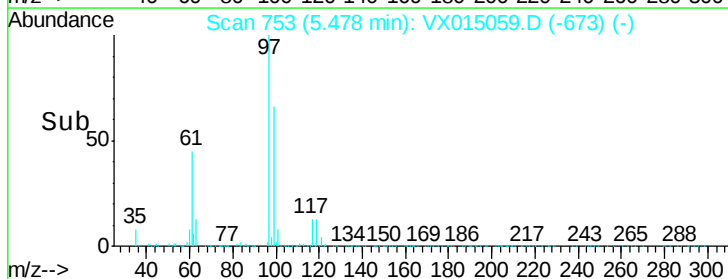
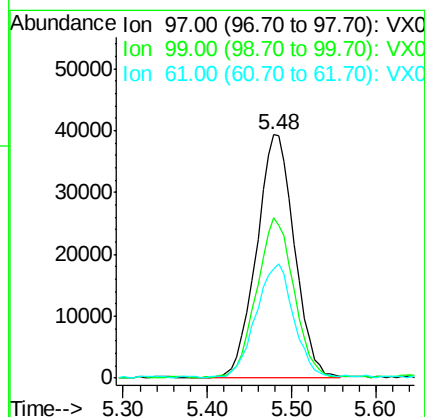
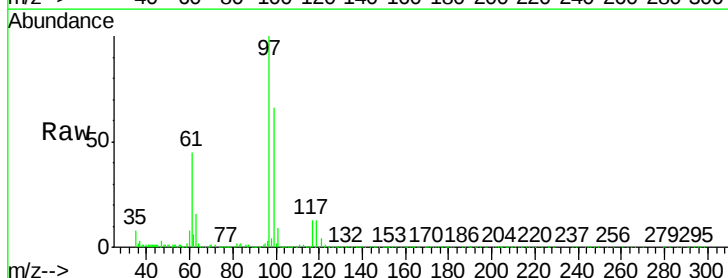
Tgt Ion: 97 Resp: 121471

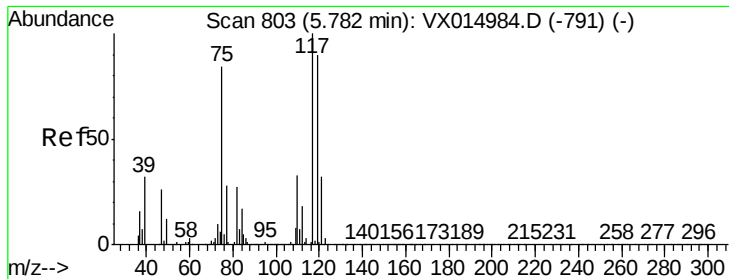
Ion Ratio Lower Upper

97 100

99 64.5 53.0 79.6

61 46.5 36.2 54.2





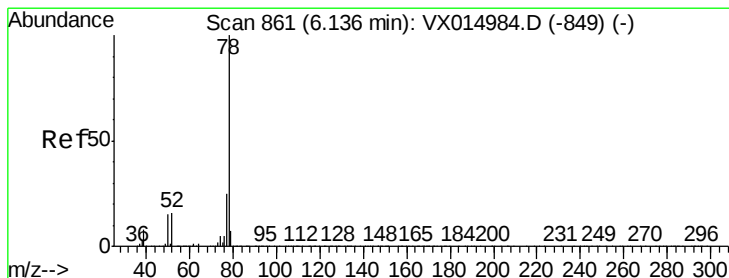
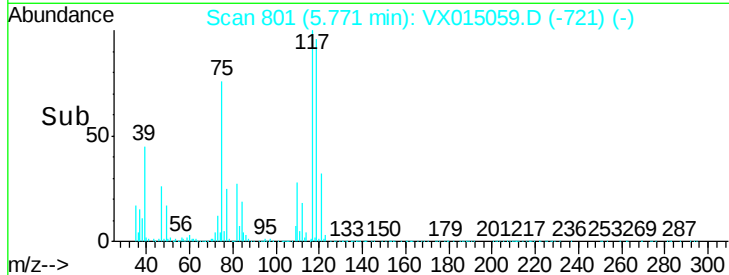
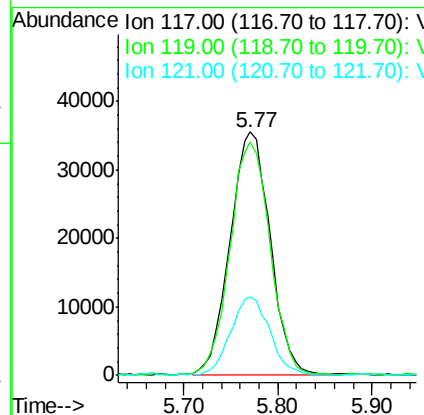
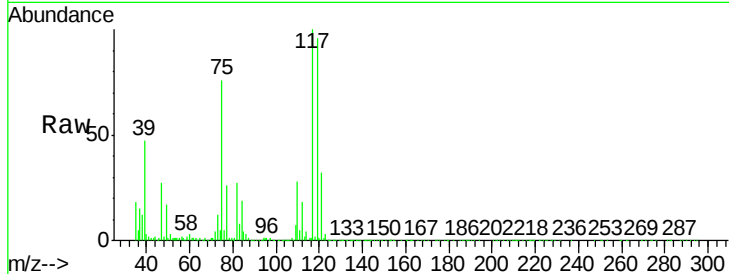
#33
Carbon Tetrachloride
Concen: 19.209 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.0	71.9	107.9
121	31.9	25.4	38.2

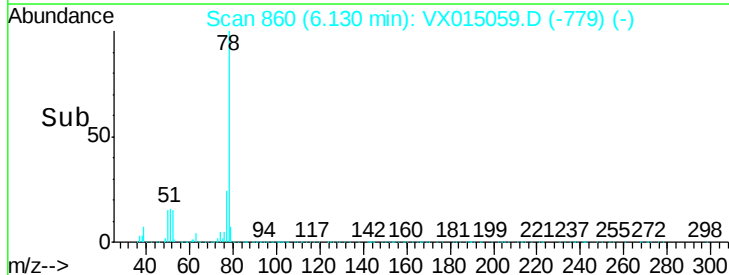
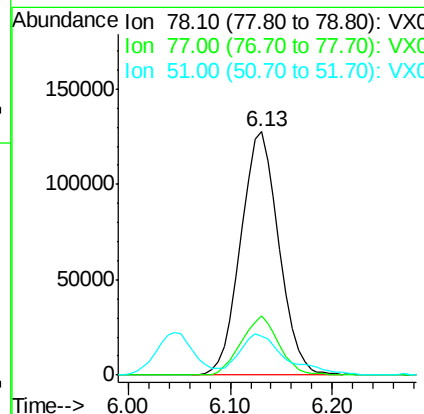
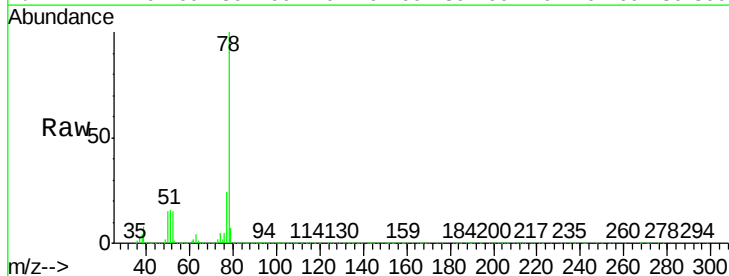
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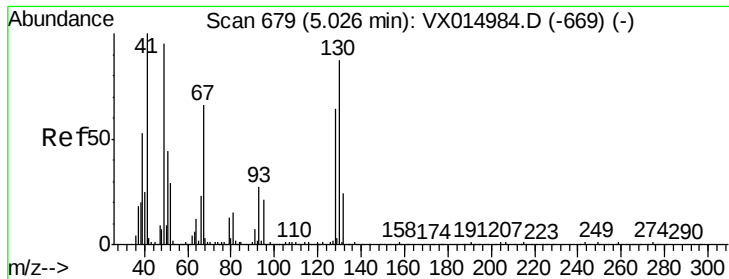
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3/2/2020 11:09:30 AM



#34
Benzene
Concen: 19.898 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	20.0	30.0
51	15.0	13.3	19.9





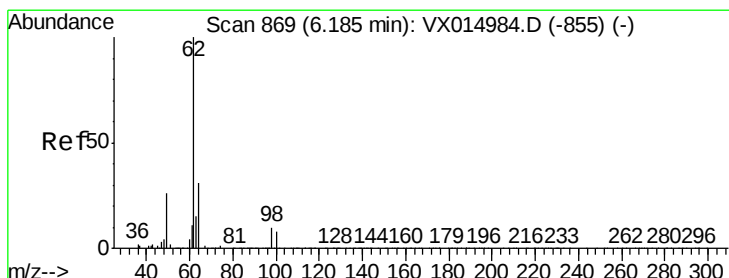
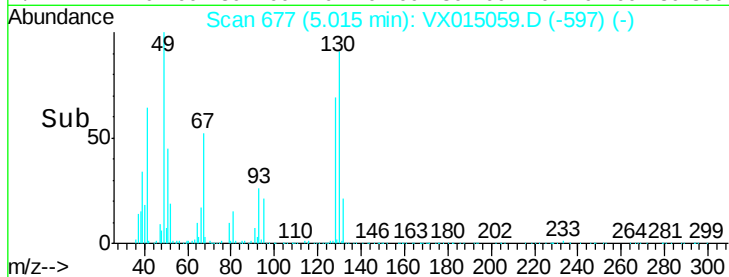
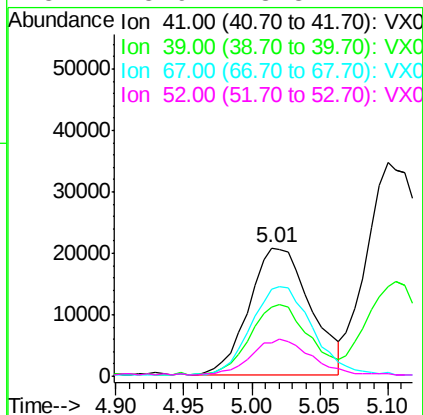
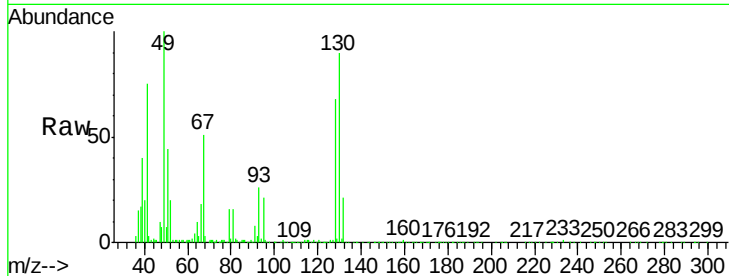
#35
Methacrylonitrile
Concen: 19.979 ug/l
RT: 5.01 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.1	25.9	77.7	
67	68.1	32.7	98.1	
52	25.9	13.8	41.4	

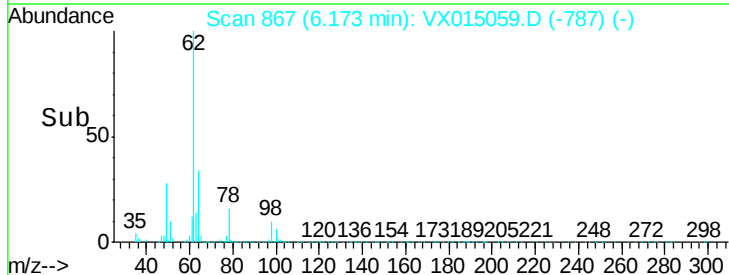
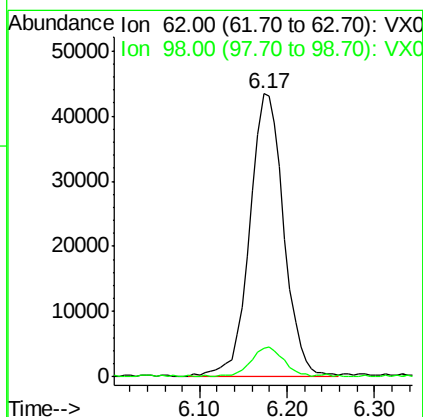
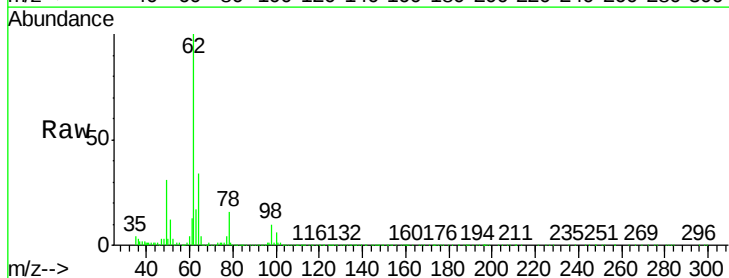
Manual Integrations
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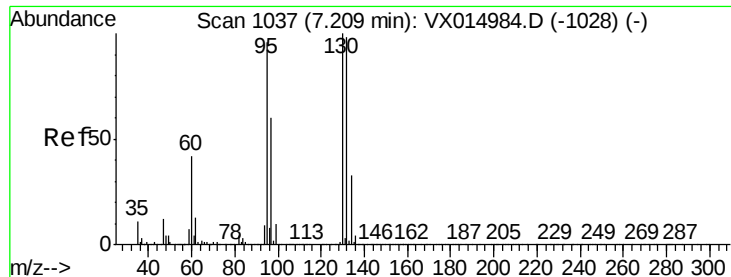
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#36
1,2-Dichloroethane
Concen: 19.827 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	7.5	11.3	





#37

Trichloroethene

Concen: 19.928 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 93218

Ion Ratio Lower Upper

130 100

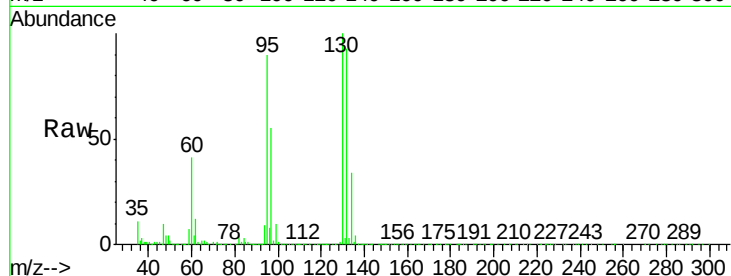
95 89.9 77.1 115.7

Manual Integrations

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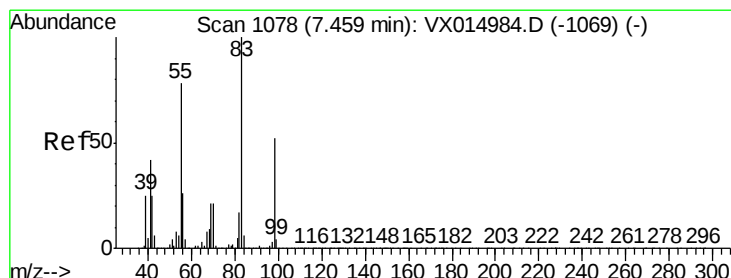
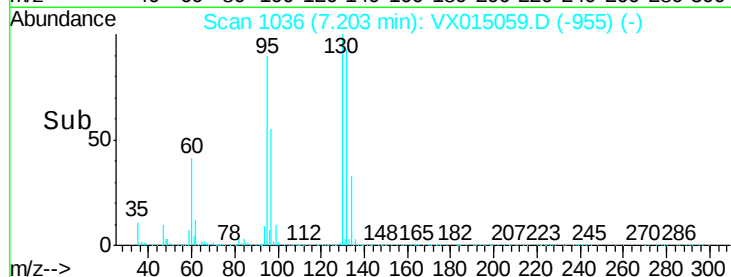
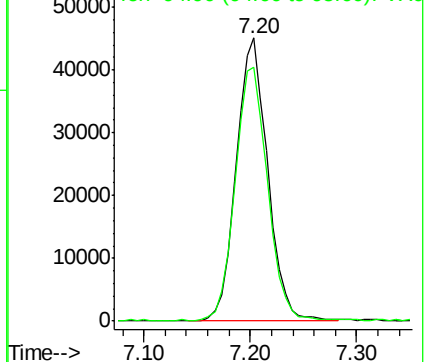
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.641 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

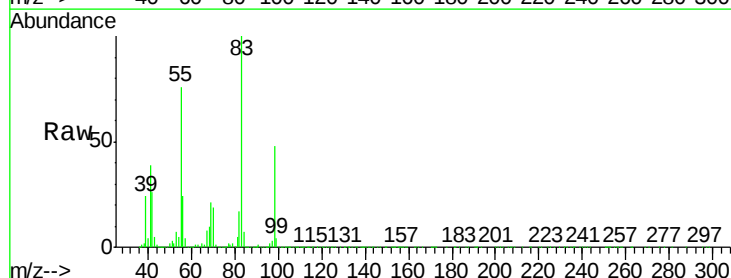
Tgt Ion: 83 Resp: 134418

Ion Ratio Lower Upper

83 100

55 76.7 38.2 114.6

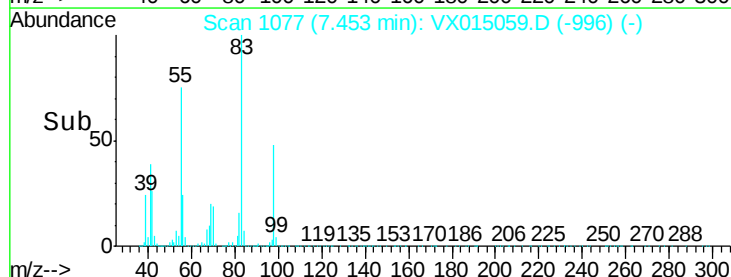
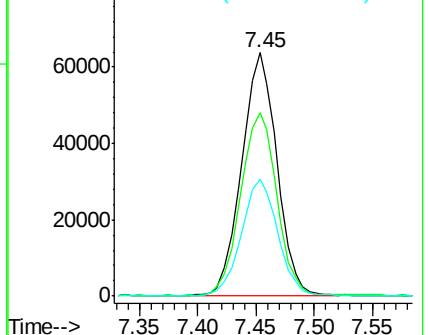
98 48.8 25.3 75.8

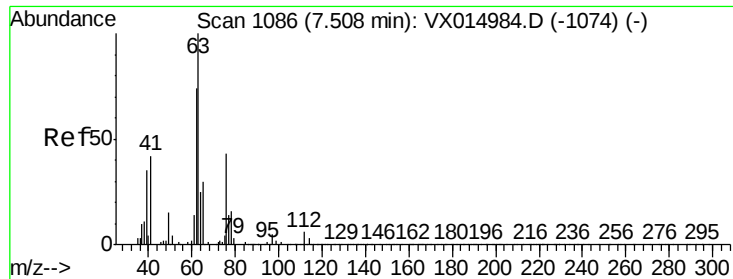


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





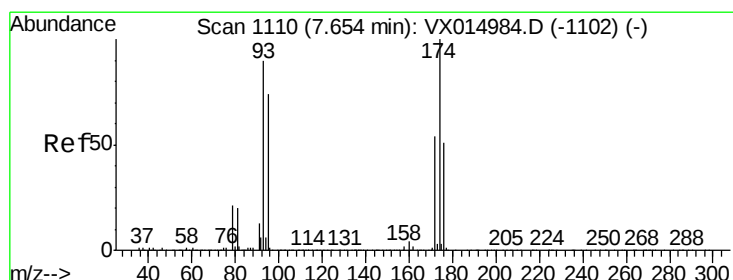
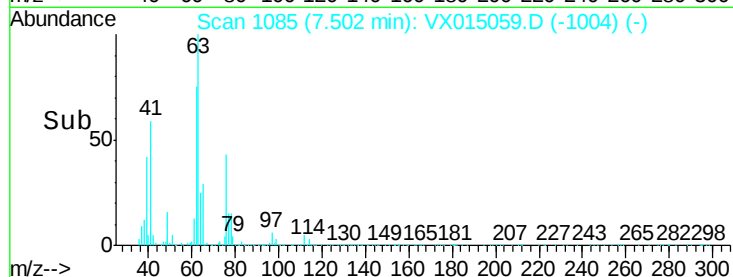
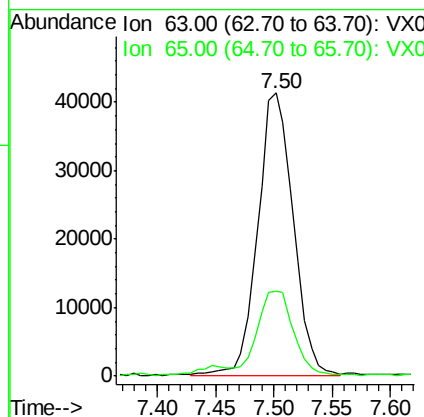
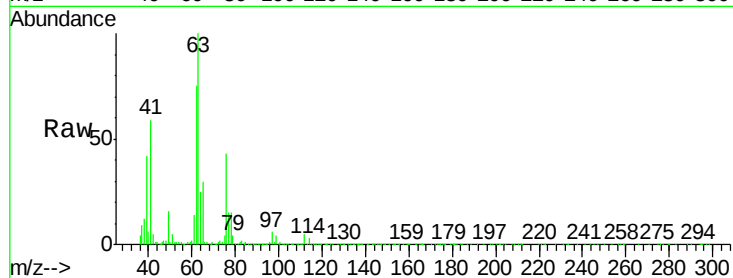
#39
 1,2-Dichloropropane
 Concen: 20.206 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	24.6	36.8

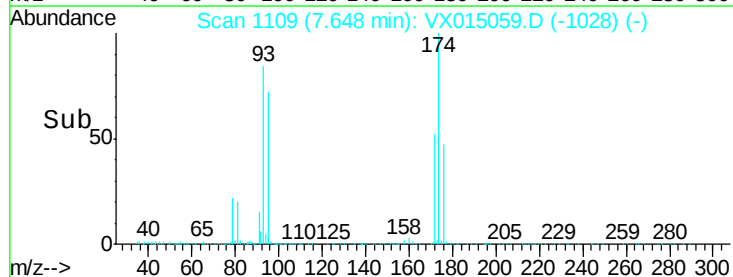
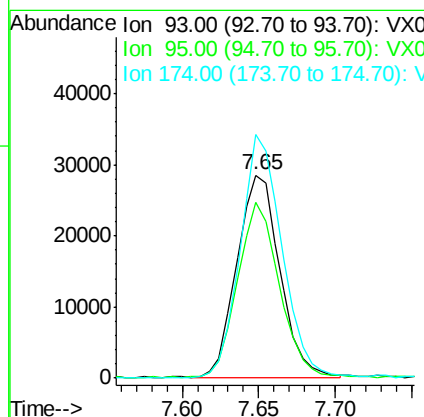
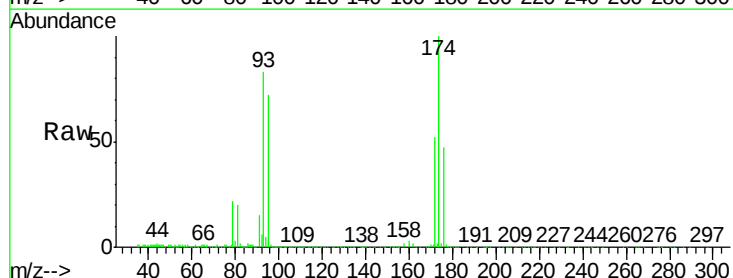
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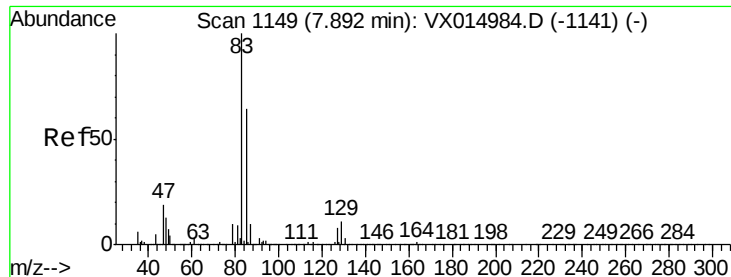
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#40
 Dibromomethane
 Concen: 19.416 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	0.0	164.6
174	117.1	0.0	226.4





#41

Bromodichloromethane

Concen: 19.669 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

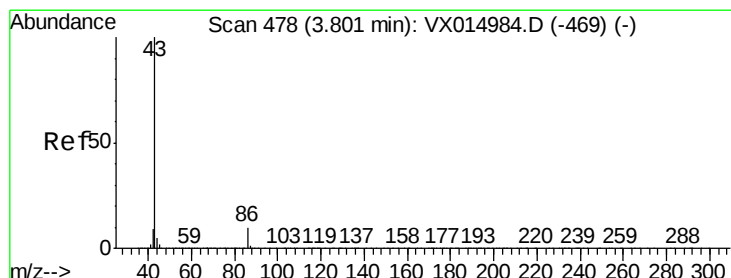
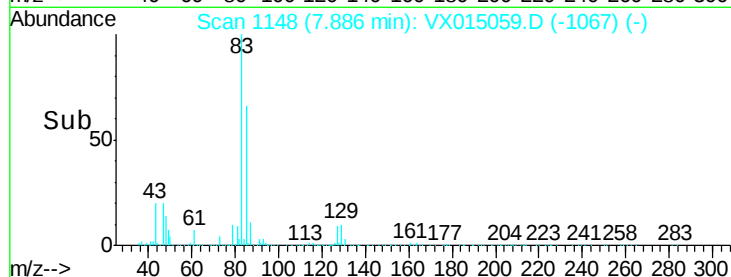
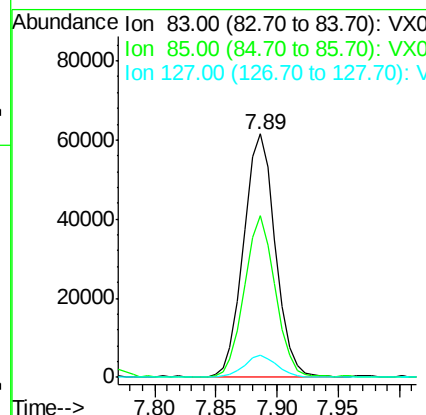
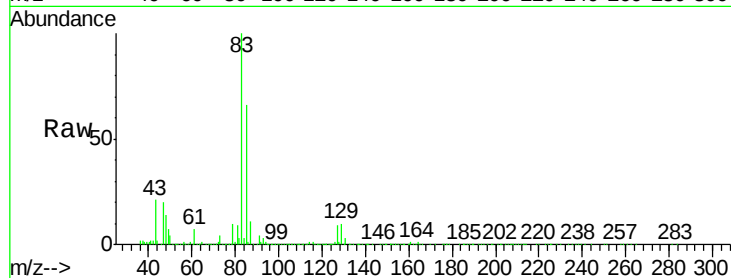
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	111259
Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.0	76.4
127	9.0	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 101.160 ug/l

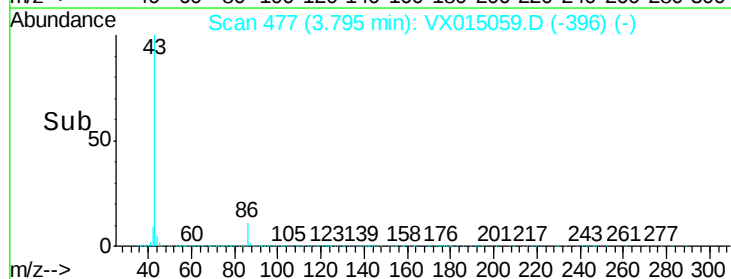
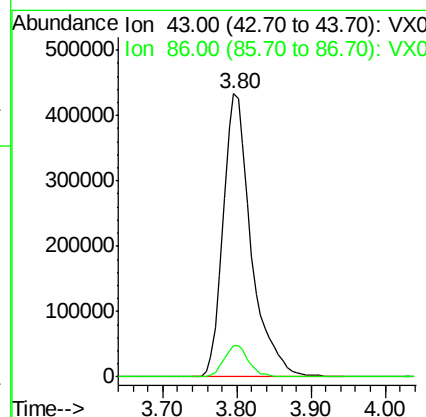
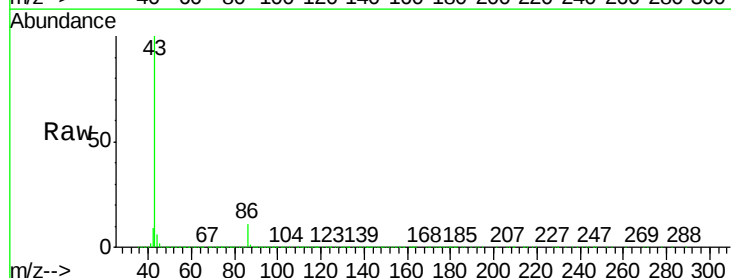
RT: 3.80 min Scan# 477

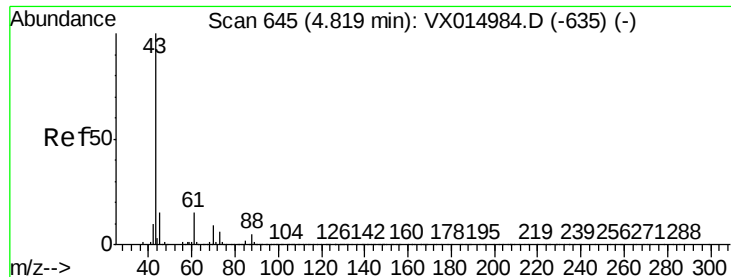
Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Tgt Ion:	43	Resp:	1134743
Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.6	11.4





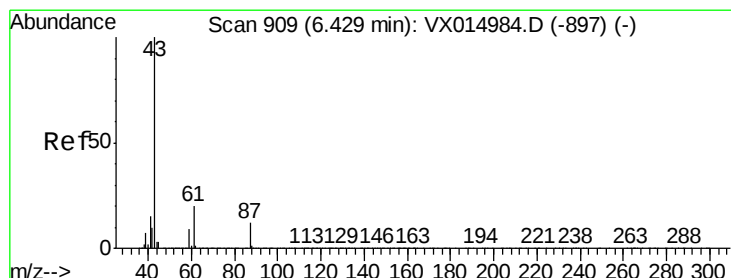
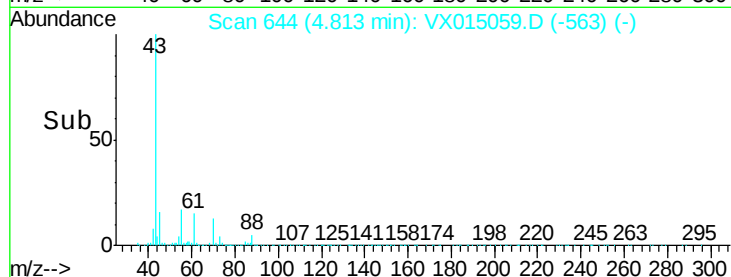
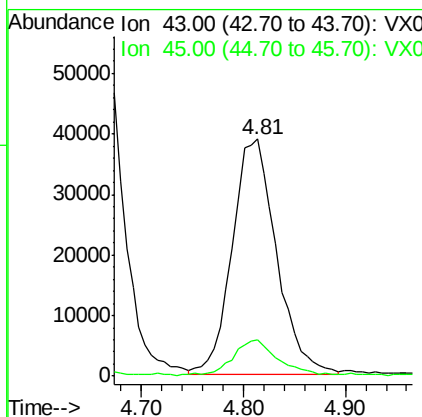
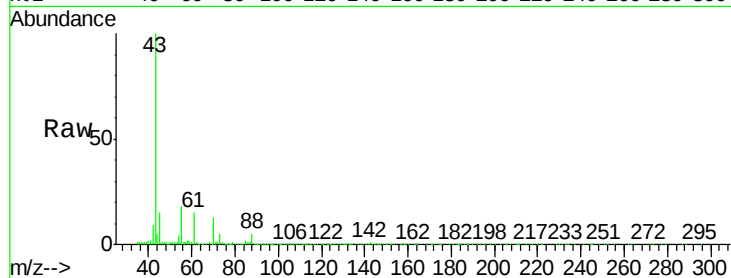
#43
Ethyl Acetate
Concen: 20.273 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	45	Ratio	100	15.0	Resp	116900	Lower	10.8	Upper	16.2
Ion	43	45	Ratio	100	15.0	Resp	116900	Lower	10.8	Upper	16.2

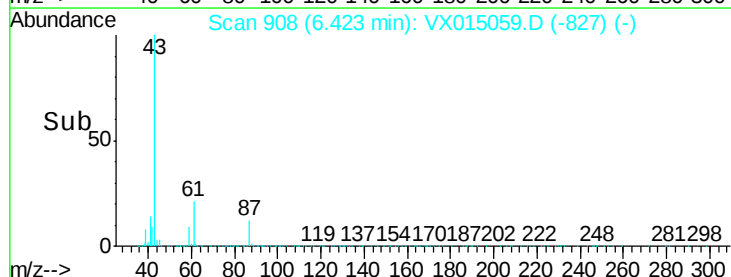
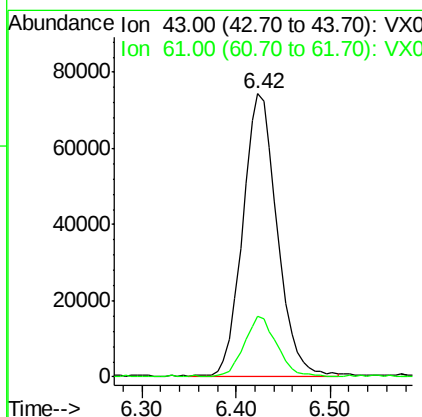
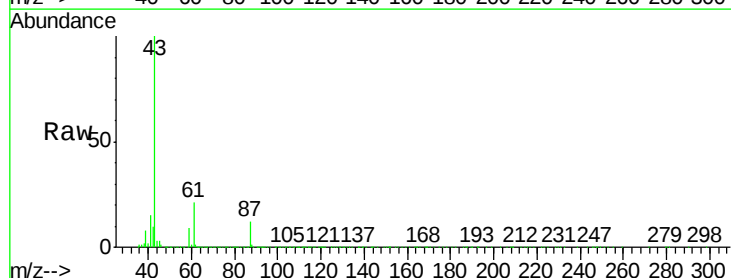
Manual Integrations
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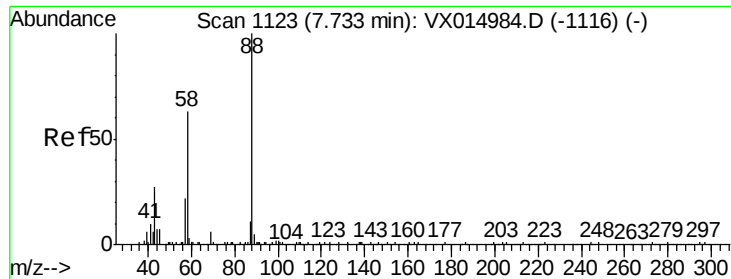
MMDadoda
3/2/2020 11:09:30 AM



#44
Isopropyl Acetate
Concen: 19.481 ug/l
RT: 6.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	43	61	Ratio	100	20.2	Resp	188846	Lower	15.6	Upper	23.4
Ion	43	61	Ratio	100	20.2	Resp	188846	Lower	15.6	Upper	23.4





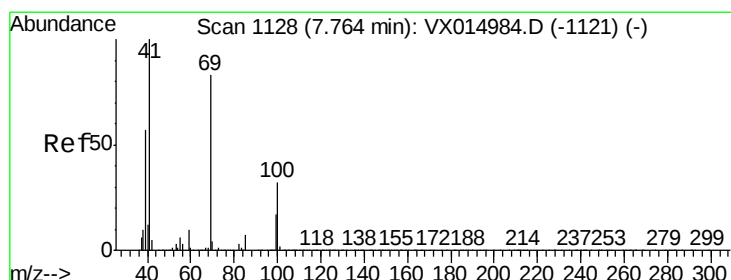
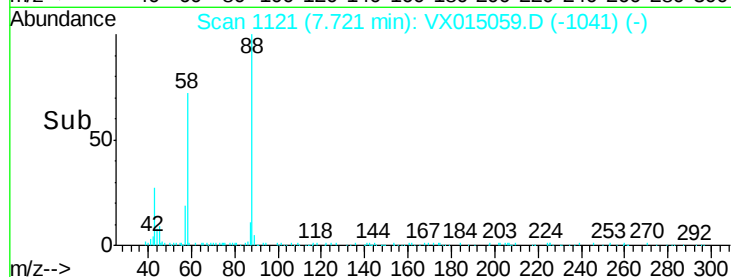
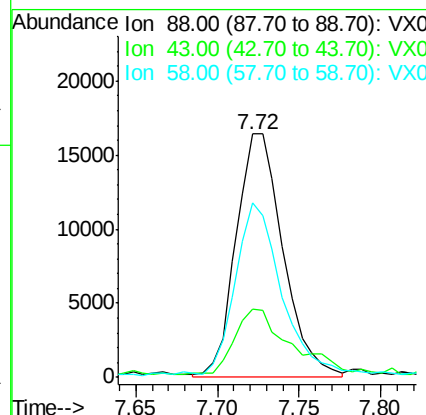
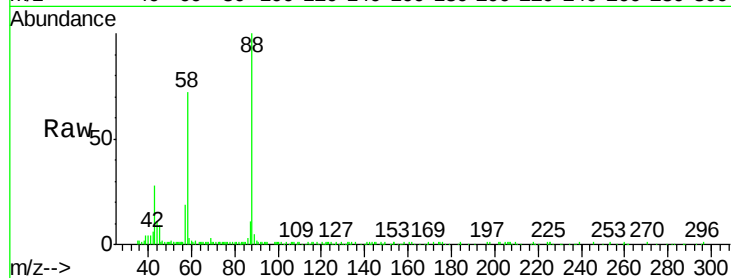
#45
1,4-Dioxane
Concen: 366.390 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	88	Resp	32818
Ion Ratio	Lower	Upper	
88	100		
43	26.0	25.4	38.2
58	70.6	55.8	83.8

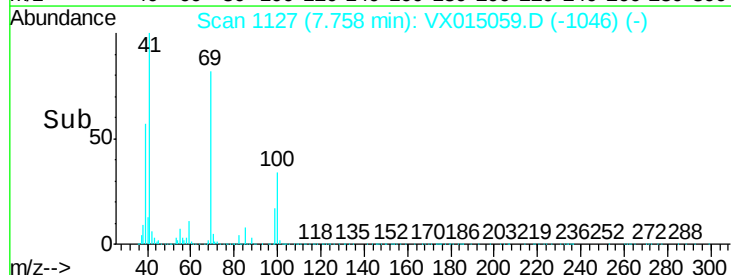
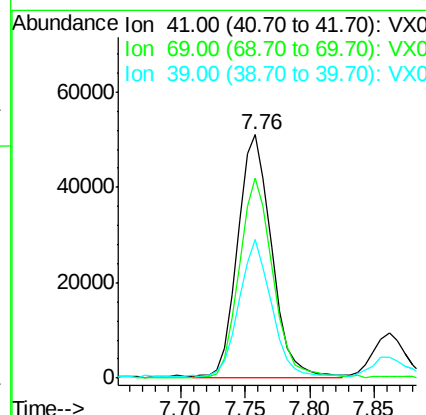
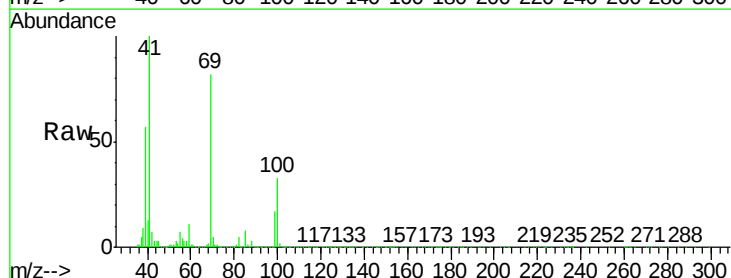
Manual Integrations
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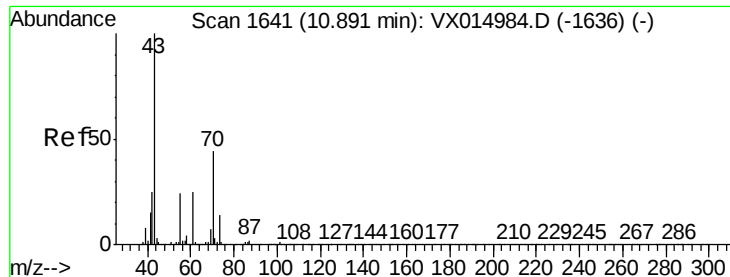
MMDadoda
3/2/2020 11:09:30 AM



#46
Methyl methacrylate
Concen: 19.424 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	41	Resp	93152
Ion Ratio	Lower	Upper	
41	100		
69	81.8	41.4	124.2
39	56.0	28.3	84.9





#47

n-amvl Acetate

Concen: 18.418 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 154669

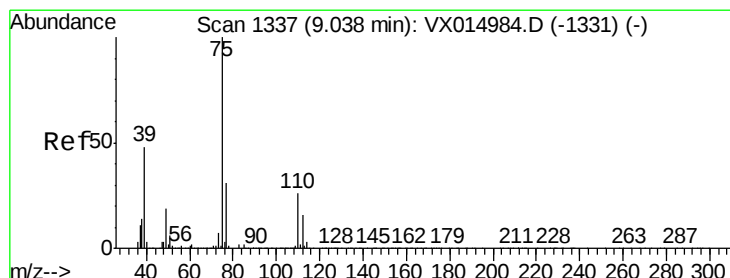
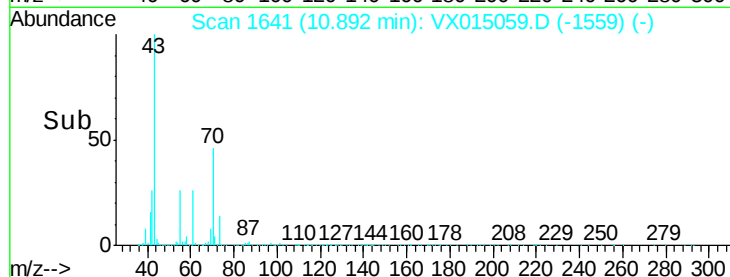
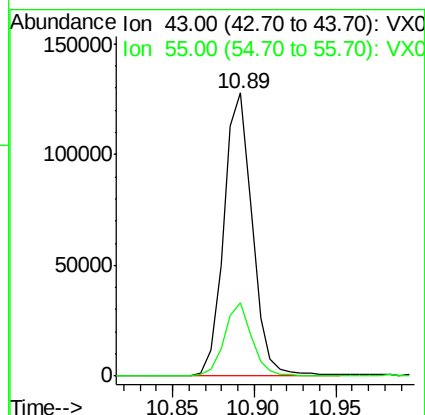
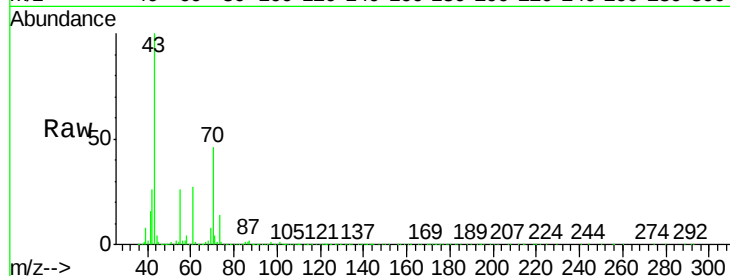
Ion Ratio Lower Upper

43 100

55 24.9 19.2 28.8

Manual Integrations
APPROVED

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#48

t-1,3-Dichloropropene

Concen: 18.713 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015059.D

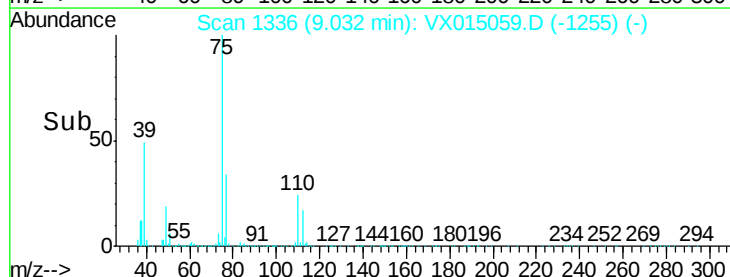
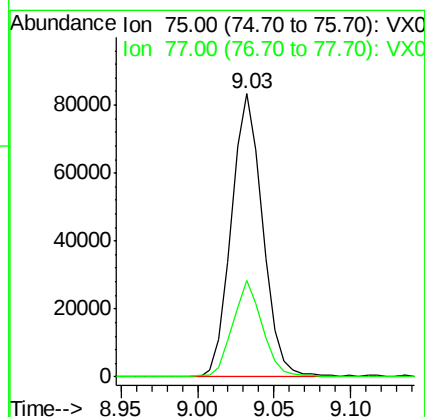
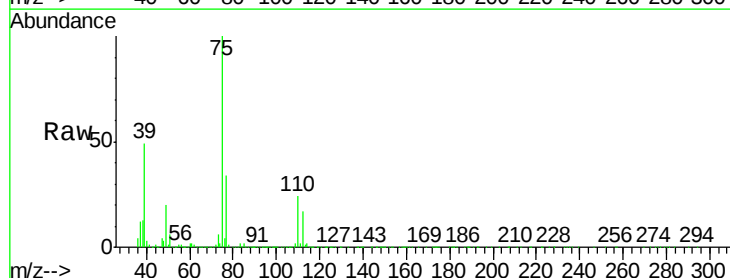
Acq: 28 Feb 2020 15:44

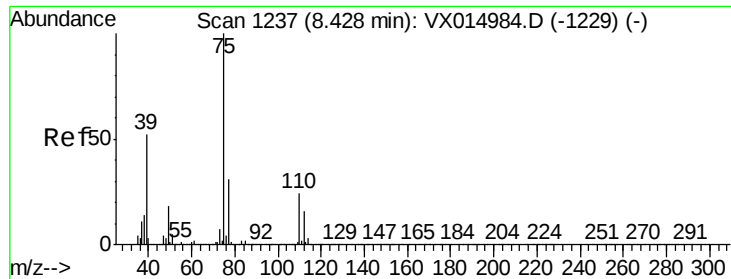
Tgt Ion: 75 Resp: 117443

Ion Ratio Lower Upper

75 100

77 34.2 24.6 36.8





#49

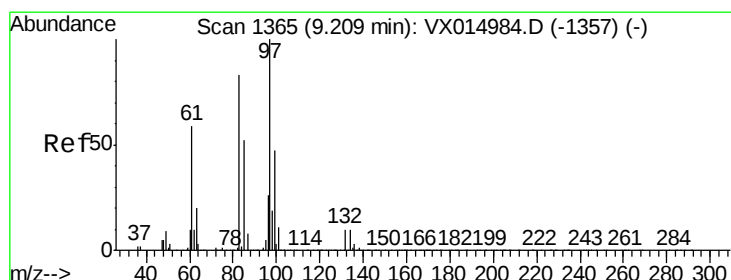
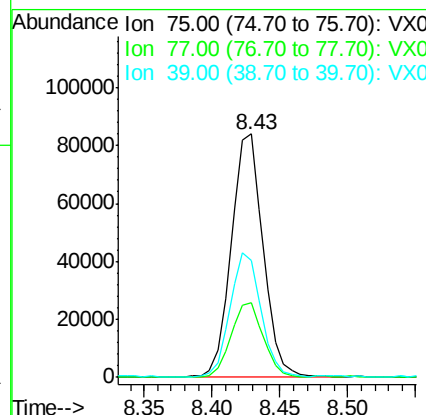
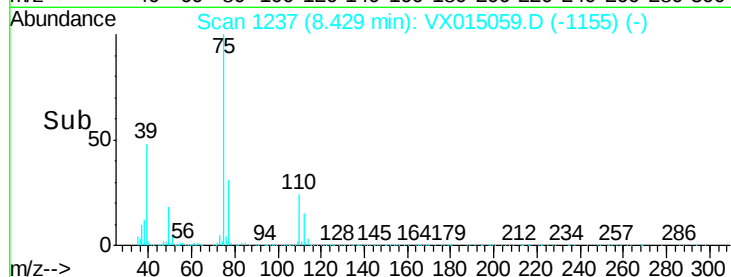
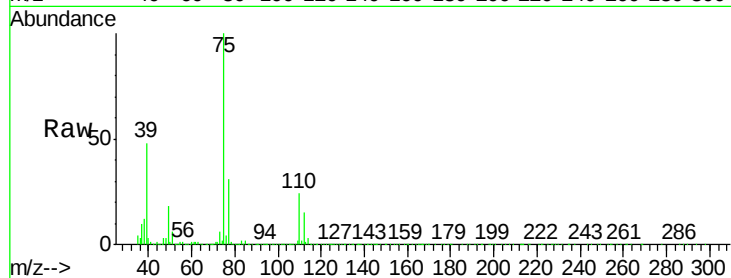
cis-1,3-Dichloropropene
Concen: 19.672 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	75	Resp:	135919
Ion Ratio		Lower	Upper
75	100		
77	30.7	24.6	36.8
39	48.0	41.5	62.3

Manual Integrations
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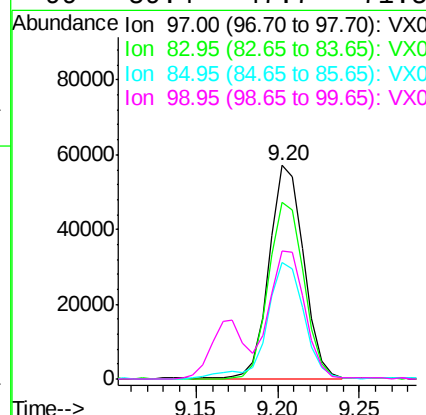
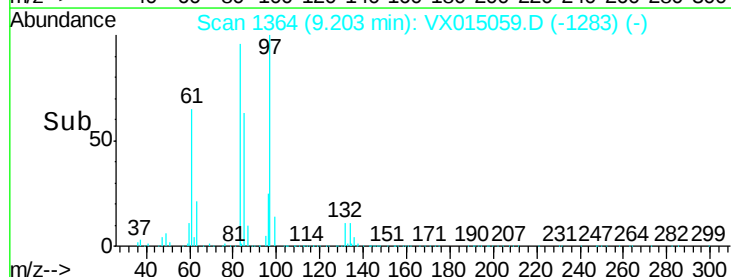
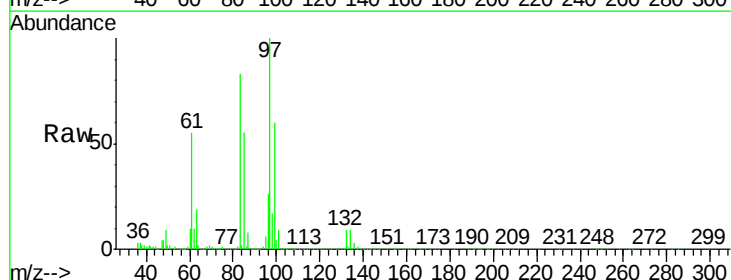
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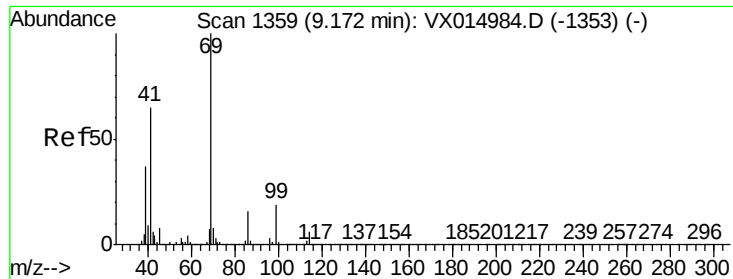


#50

1,1,2-Trichloroethane
Concen: 19.831 ug/l
RT: 9.20 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion:	97	Resp:	84604
Ion Ratio		Lower	Upper
97	100		
83	82.9	66.2	99.2
85	54.3	42.4	63.6
99	59.4	47.7	71.5





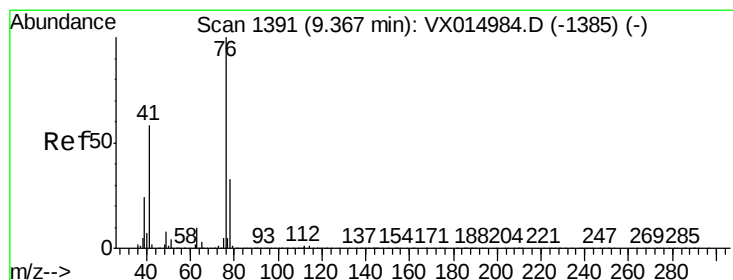
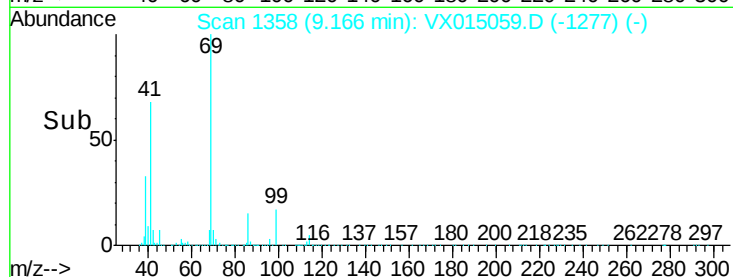
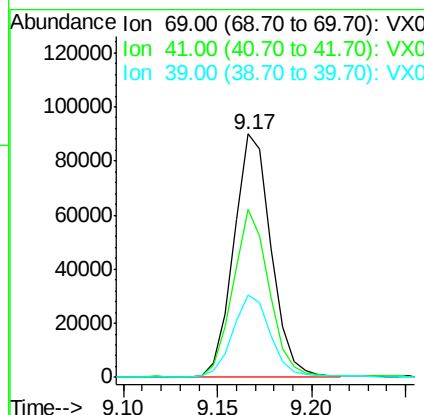
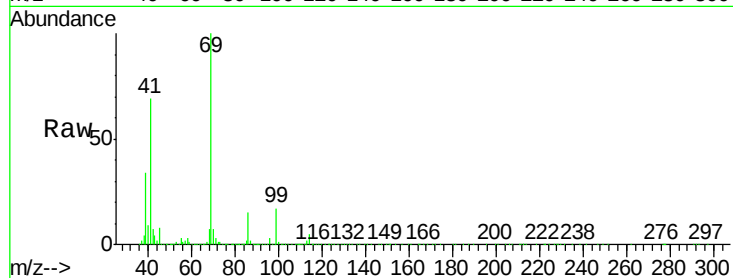
#51
Ethyl methacrylate
Concen: 18.698 ug/l
RT: 9.17 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	69	Resp	123119
Ion Ratio	Lower	Upper	
69	100		
41	68.8	32.7	98.1
39	33.9	18.2	54.6

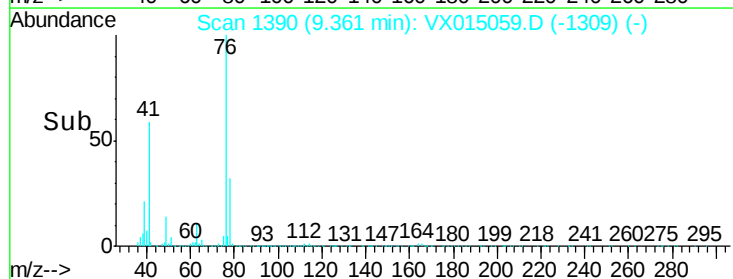
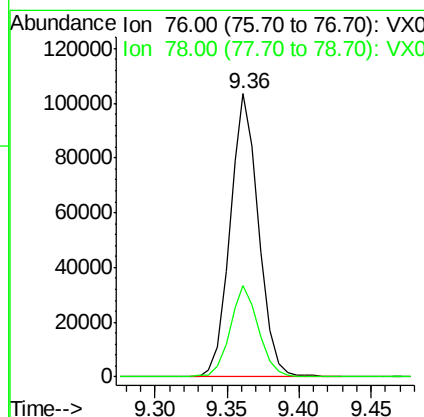
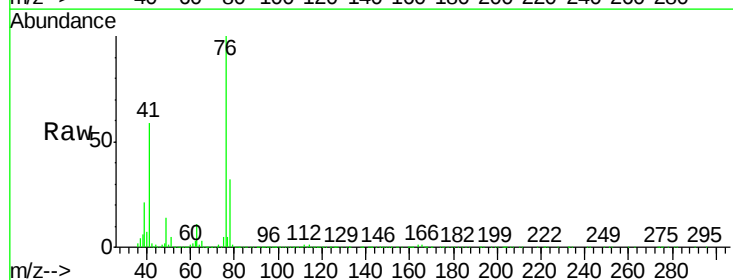
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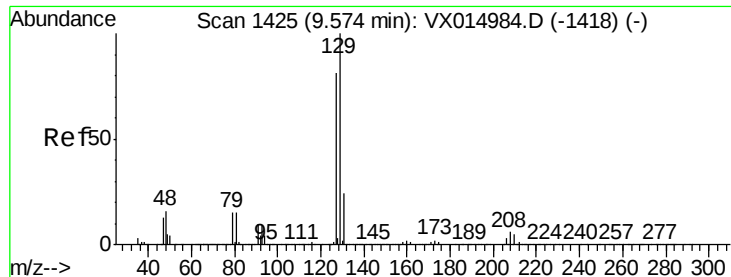
MMDadoda
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#52
1,3-Dichloropropane
Concen: 19.746 ug/l
RT: 9.36 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	76	Resp	142512
Ion Ratio	Lower	Upper	
76	100		
78	31.9	0.0	65.0





#53

Dibromochloromethane

Concen: 18.759 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 86528

Ion Ratio Lower Upper

129 100

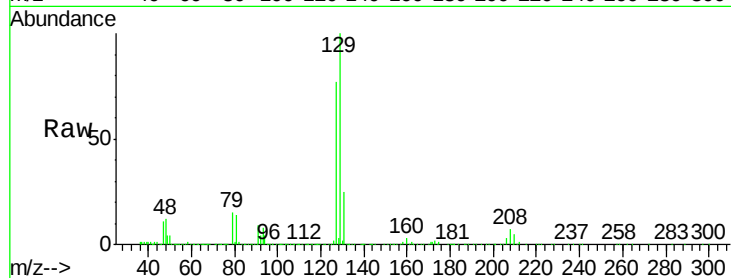
127 76.0 38.3 114.9

Manual Integrations

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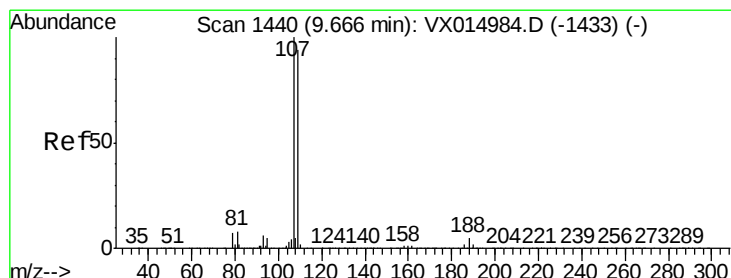
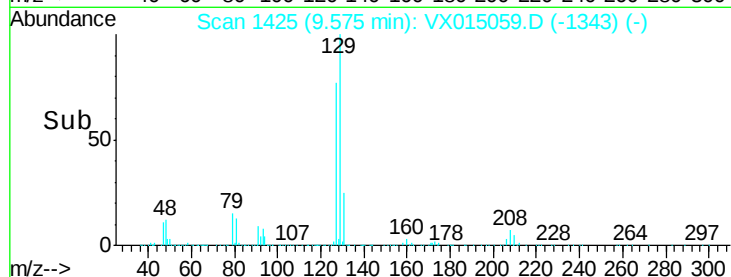
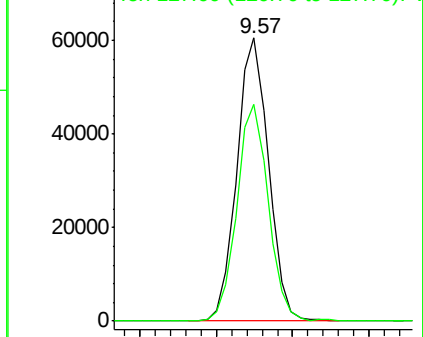
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.151 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015059.D

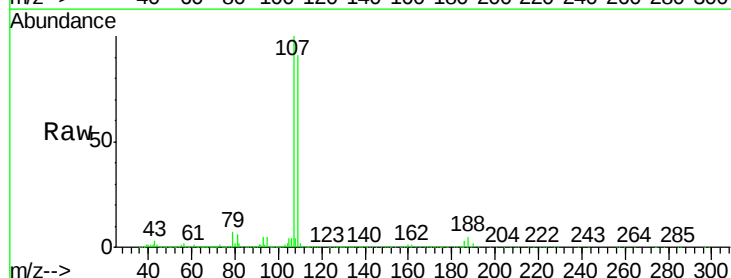
Acq: 28 Feb 2020 15:44

Tgt Ion:107 Resp: 86747

Ion Ratio Lower Upper

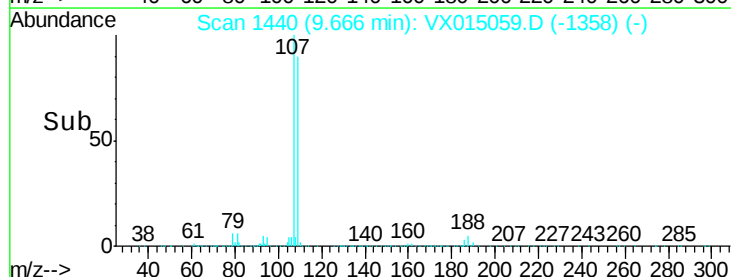
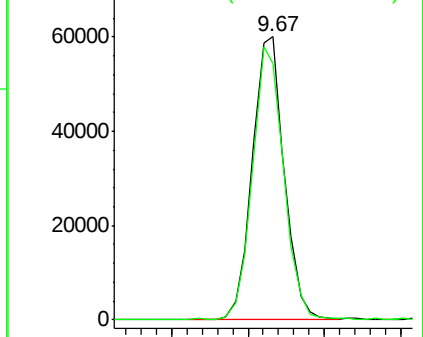
107 100

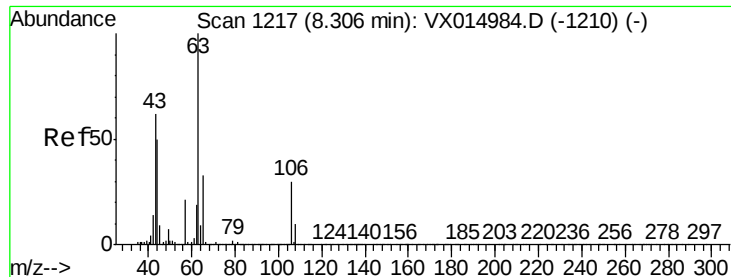
109 95.2 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





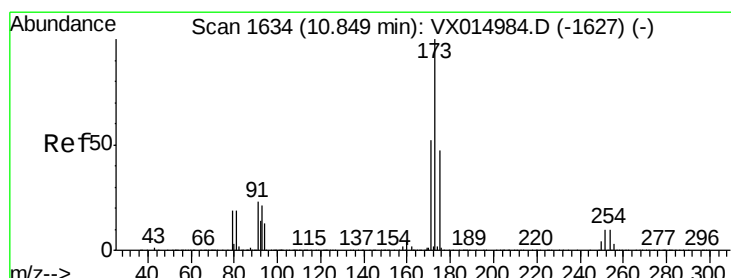
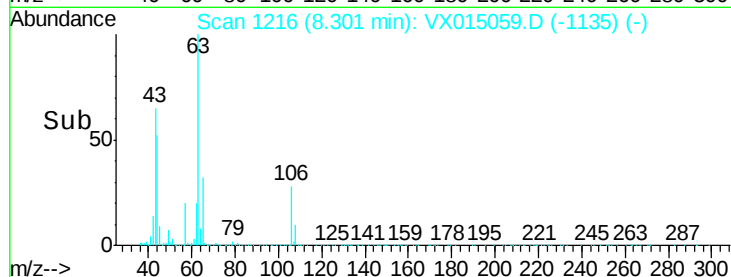
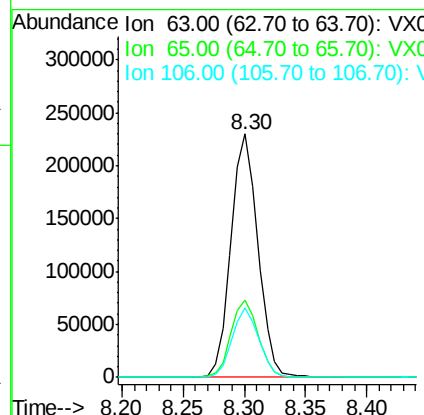
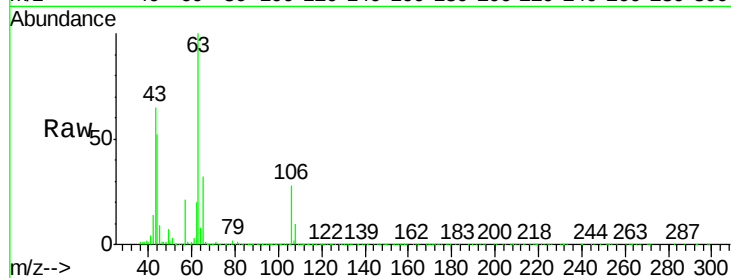
#55
 2-Chloroethyl vinyl ether
 Concen: 99.599 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	26.0	39.0
106	28.2	23.9	35.9

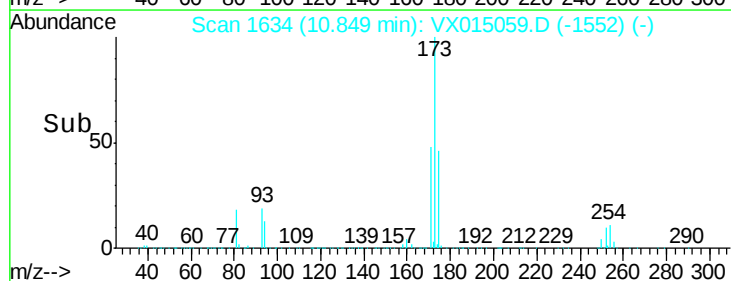
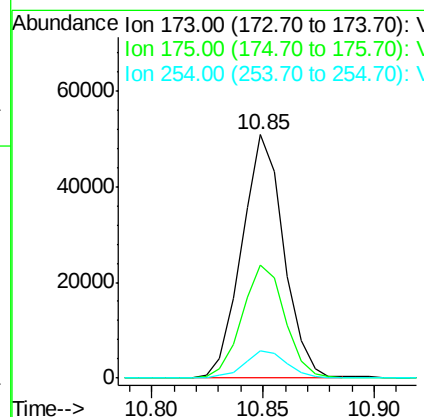
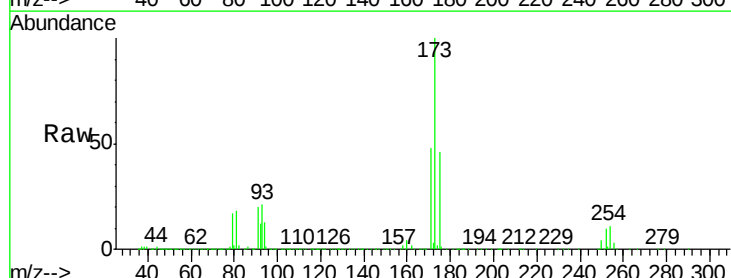
Manual Integrations
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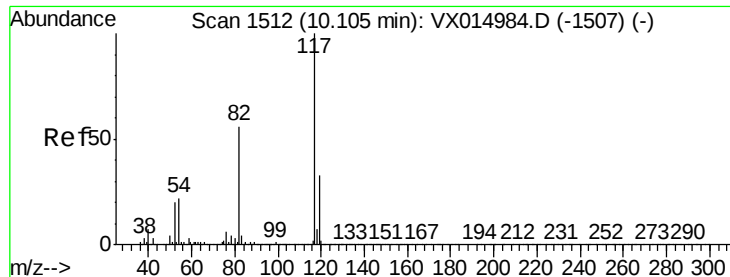
MMDadoda
 3/2/2020 11:09:30 AM



#56
 Bromoform
 Concen: 18.515 ug/l
 RT: 10.85 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.7	38.6	57.8
254	11.4	8.6	13.0





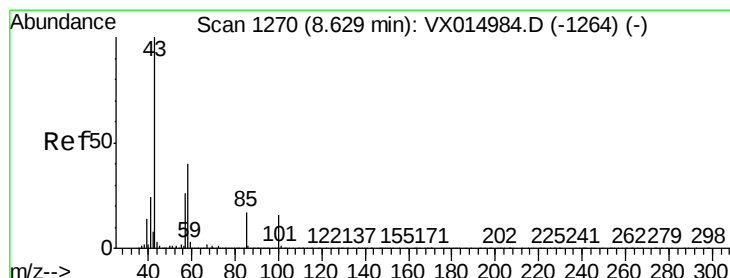
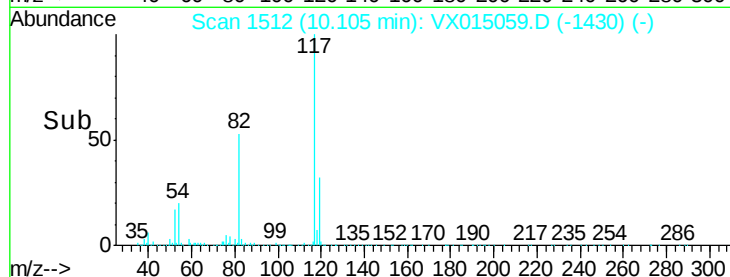
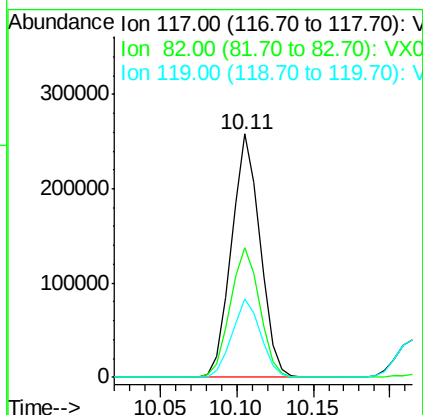
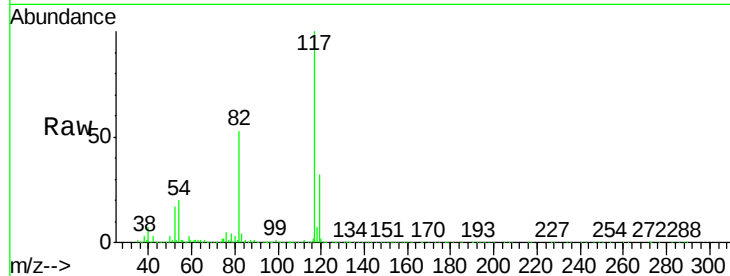
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.4	65.2
119	32.2	26.0	39.0

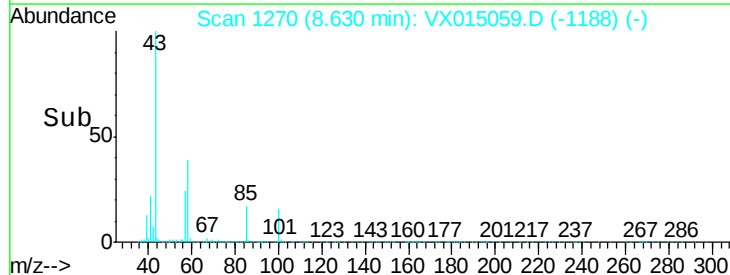
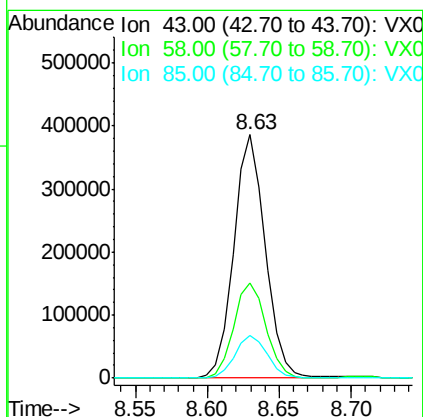
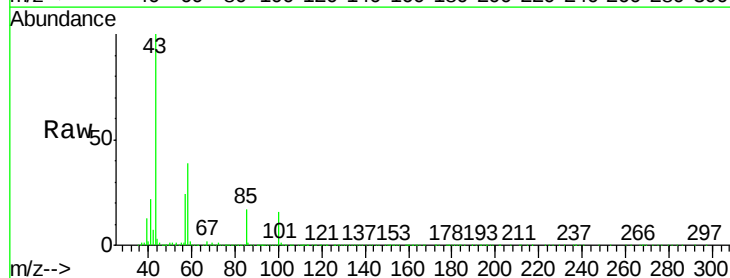
Manual Integrations
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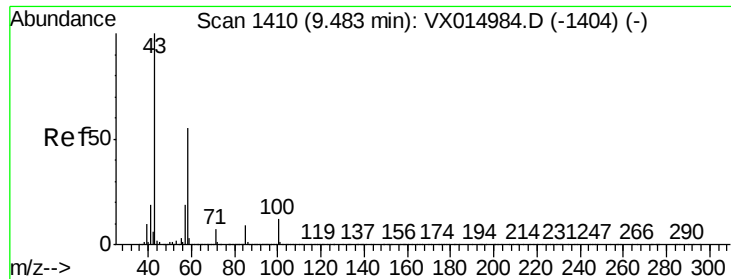
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 106.812 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.7	47.5
85	18.0	14.4	21.6





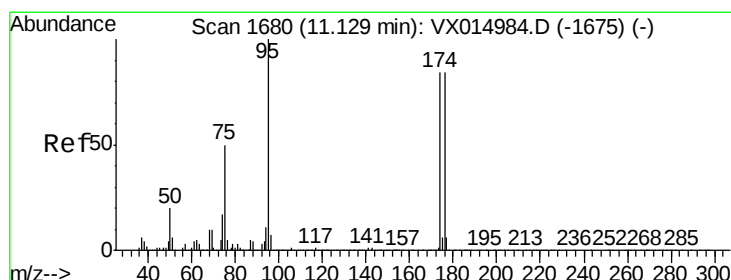
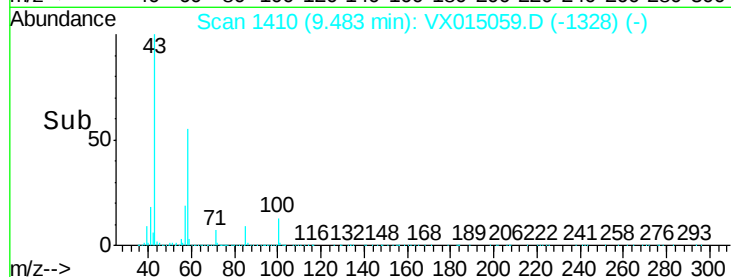
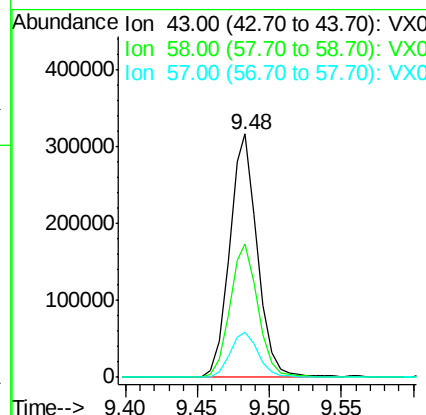
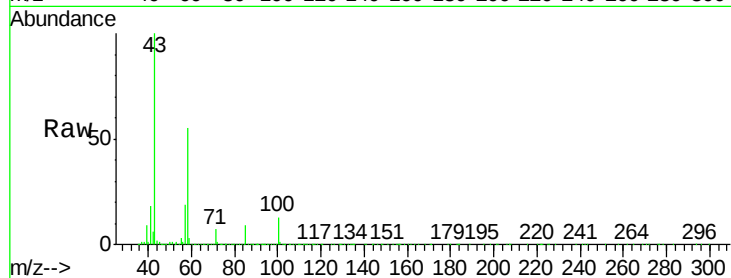
#59
2-Hexanone
Concen: 98.861 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.6	44.1	66.1
57	19.2	15.3	22.9

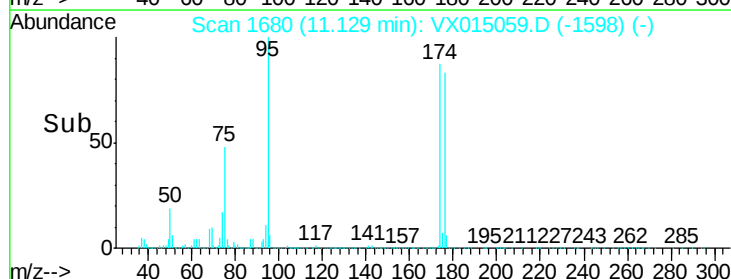
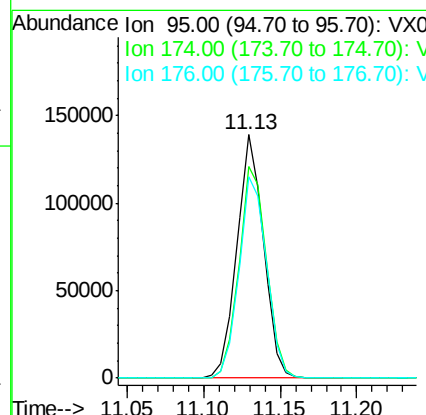
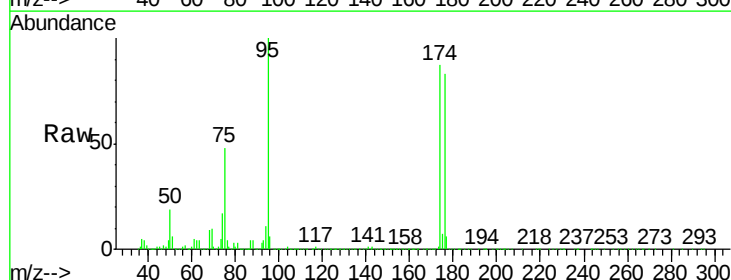
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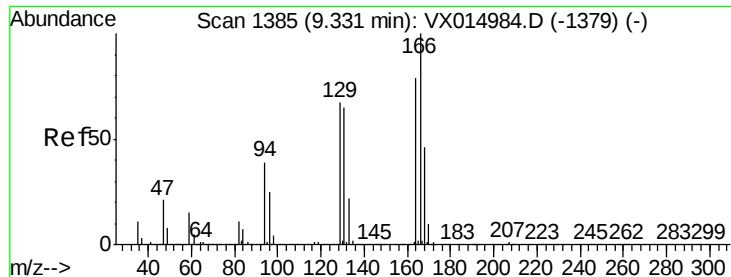
MMDadoda
3/2/2020 11:09:30 AM



#60
4-Bromofluorobenzene
Concen: 32.155 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.0	72.3	108.5
176	85.3	72.0	108.0





#61

Tetrachloroethene

Concen: 21.088 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

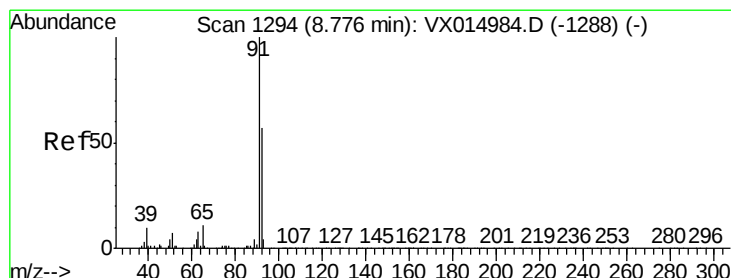
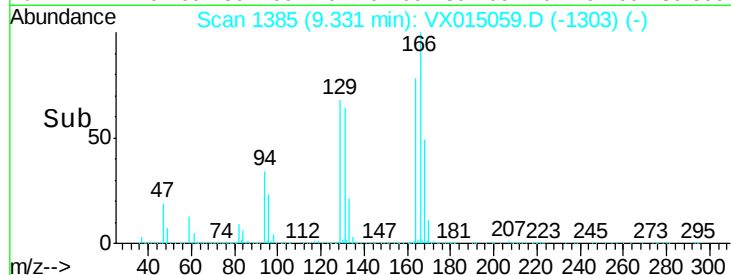
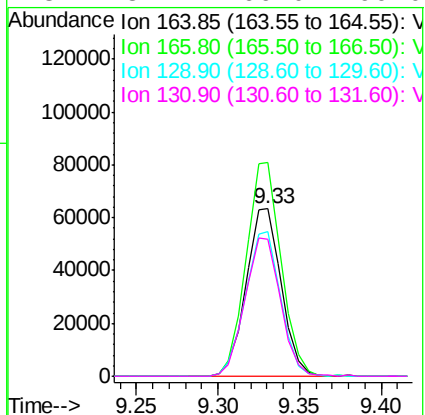
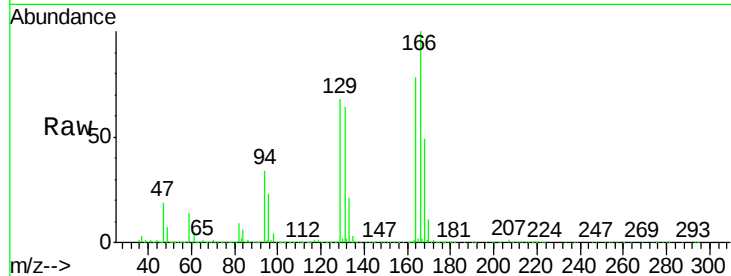
ClientSampleId :

VSTDCCC020EC

Tot Ion:	164	Resp:	95013
Ion	Ratio	Lower	Upper
164	100		
166	127.8	101.2	151.8
129	86.6	67.6	101.4
131	81.7	66.0	99.0

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#62

Toluene

Concen: 20.337 ug/l

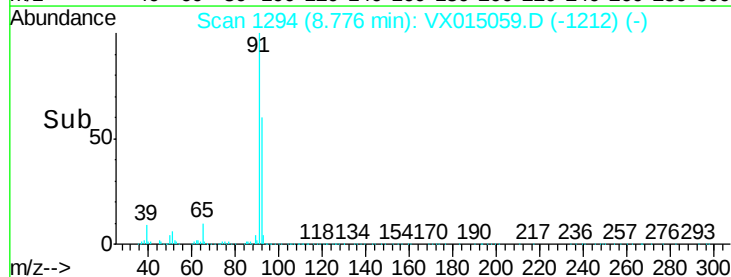
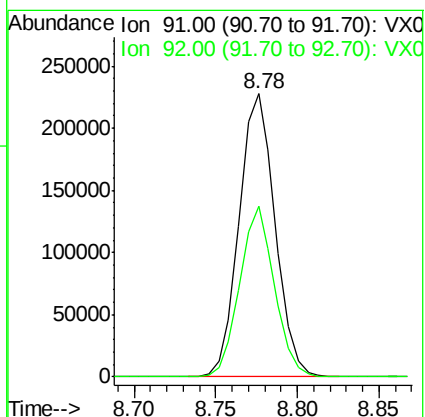
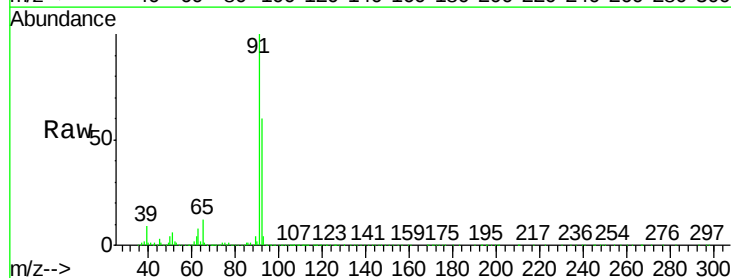
RT: 8.78 min Scan# 1294

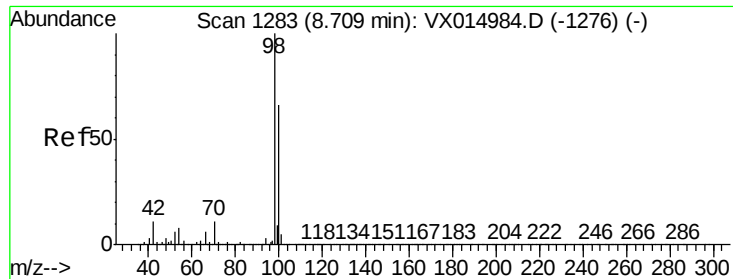
Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Tgt Ion:	91	Resp:	349433
Ion	Ratio	Lower	Upper
91	100		
92	58.3	46.6	69.8





#63

Toluene-d8

Concen: 32.206 ug/l

RT: 8.70 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 471132

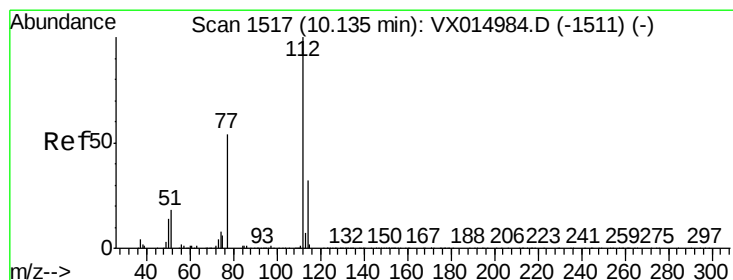
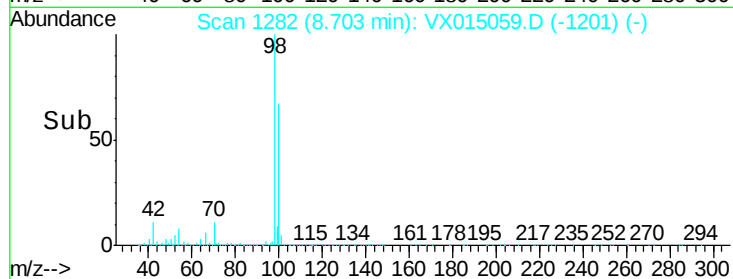
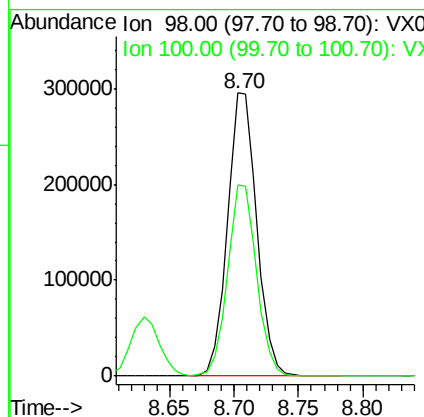
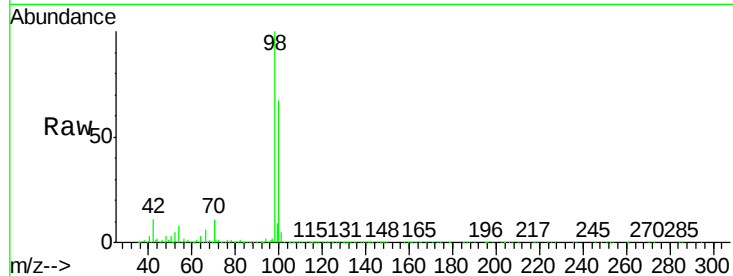
Ion Ratio Lower Upper

98 100

100 66.4 52.8 79.2

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#64

Chlorobenzene

Concen: 19.498 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015059.D

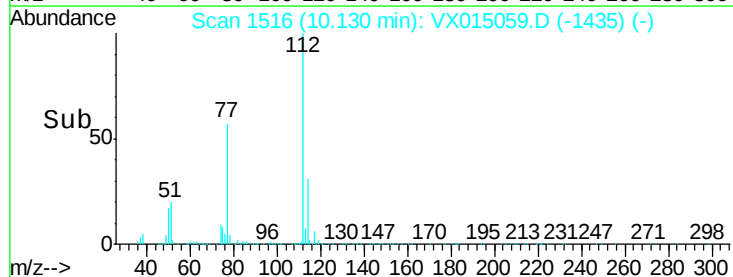
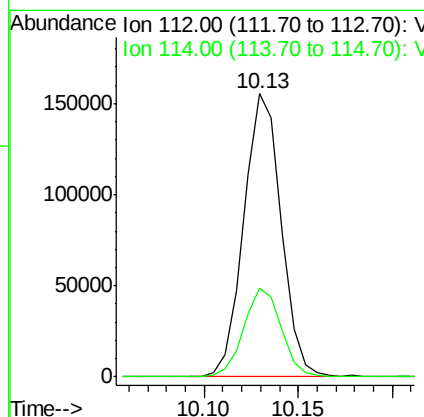
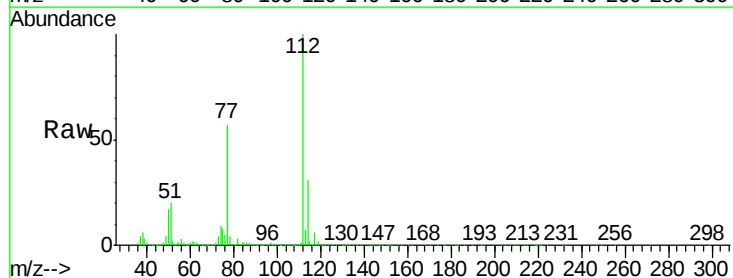
Acq: 28 Feb 2020 15:44

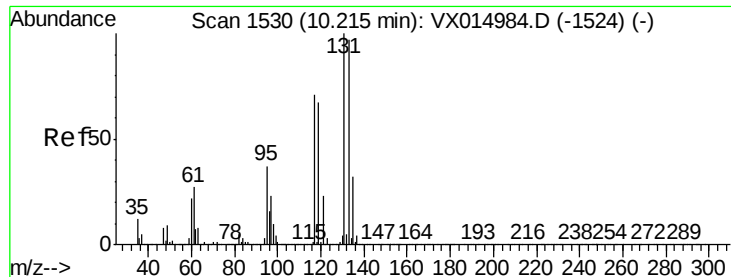
Tgt Ion: 112 Resp: 213845

Ion Ratio Lower Upper

112 100

114 31.3 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.085 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

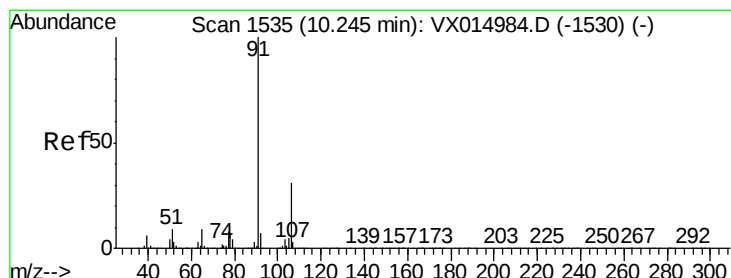
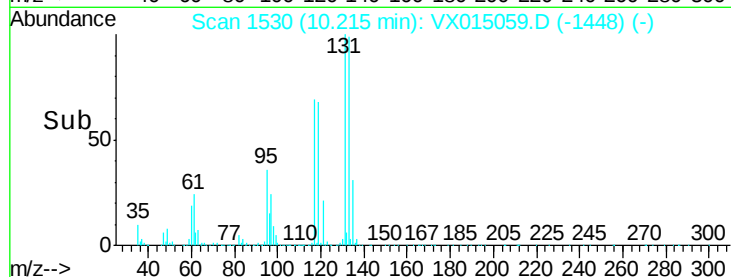
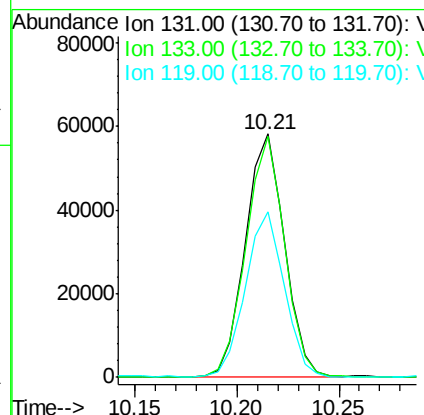
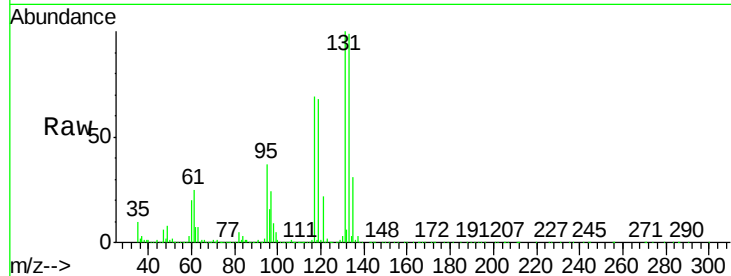
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	77529
Ion	Ratio	Lower	Upper
131	100		
133	98.3	0.0	191.4
119	67.6	0.0	132.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.553 ug/l

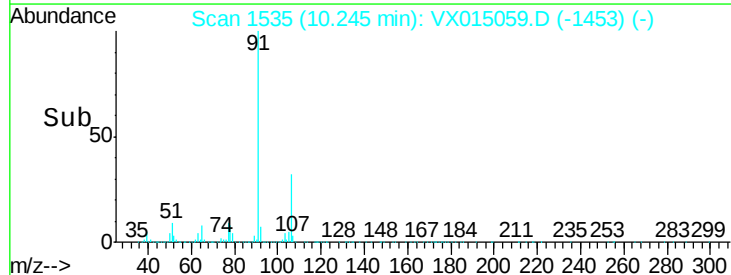
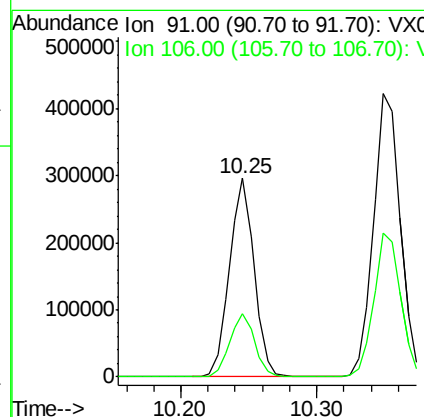
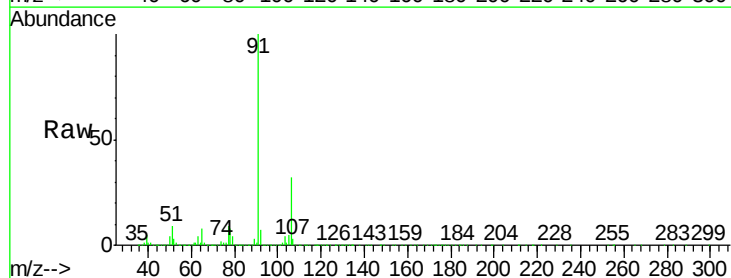
RT: 10.25 min Scan# 1535

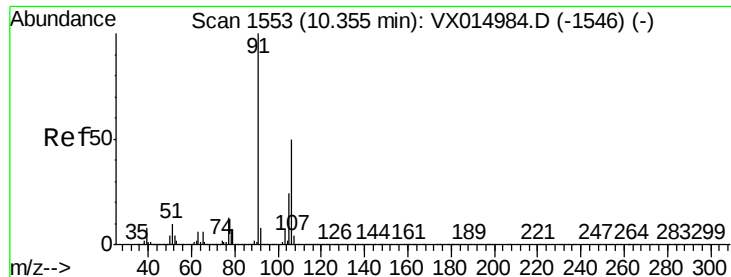
Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Tgt Ion:	91	Resp:	370098
Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.7	37.1





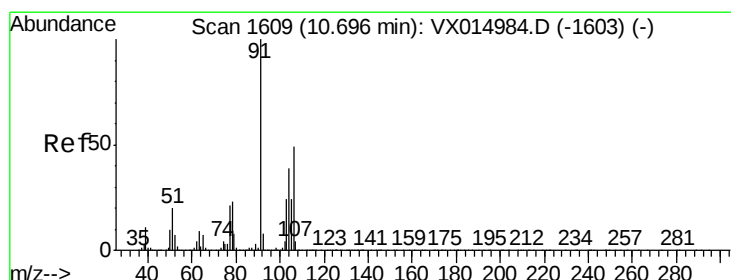
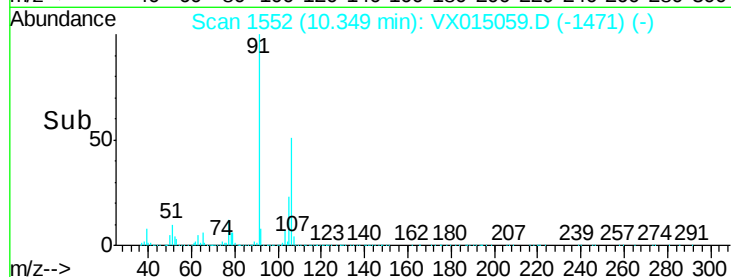
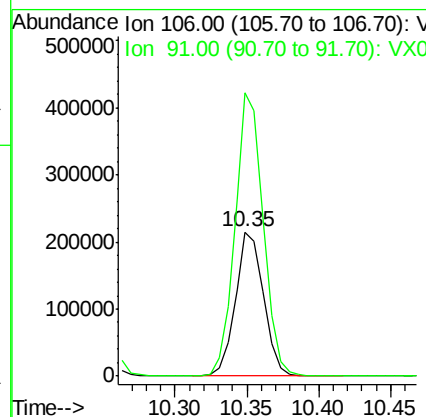
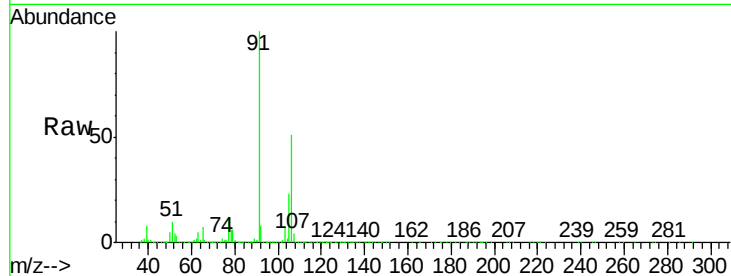
#67
m/p-Xvlenes
Concen: 40.091 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	197.0	160.4	240.6

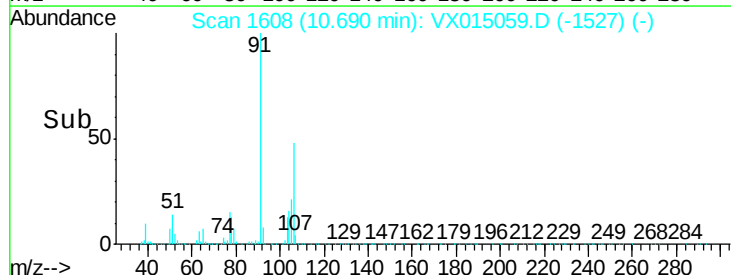
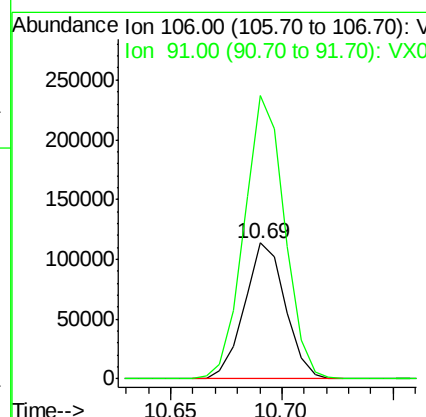
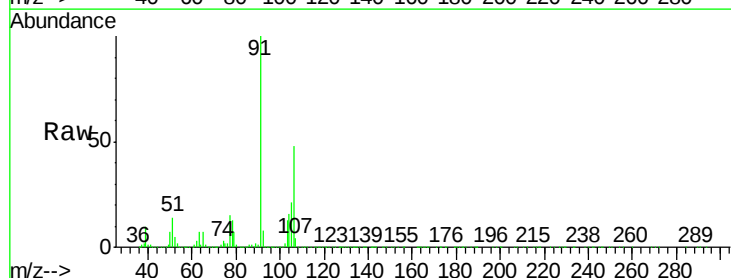
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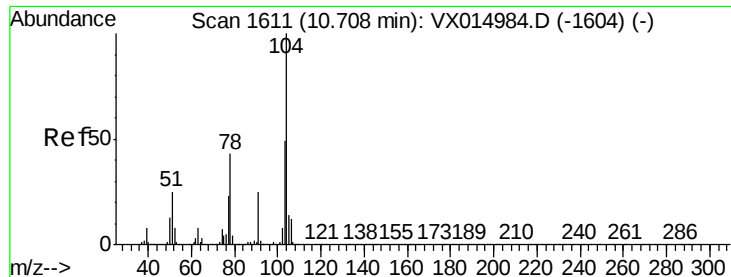
MMDadoda
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#68
o-Xylene
Concen: 20.436 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.9	105.3	315.9





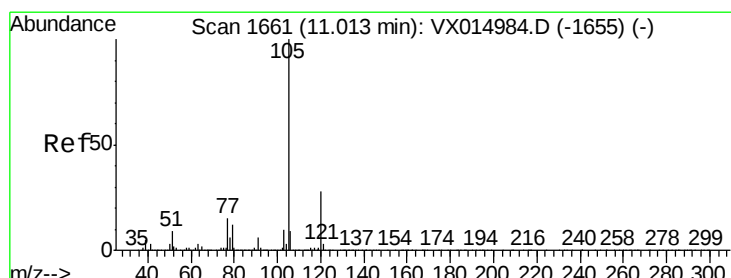
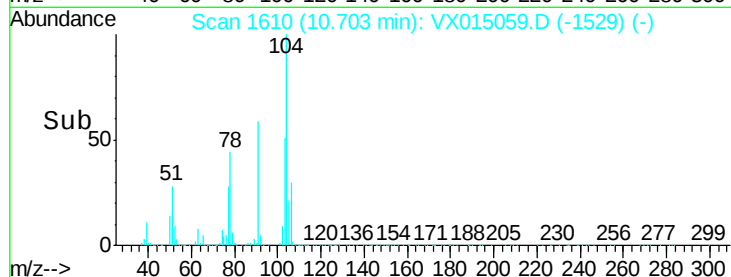
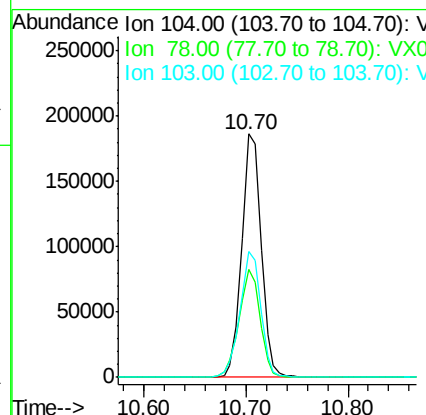
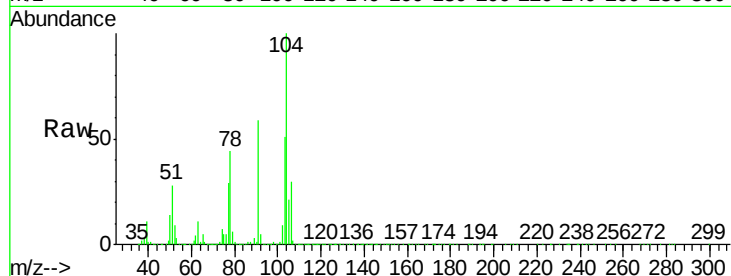
#69
Stvrene
Concen: 20.324 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
104	100	245127		
78	47.8	39.4	59.2	
103	55.0	42.9	64.3	

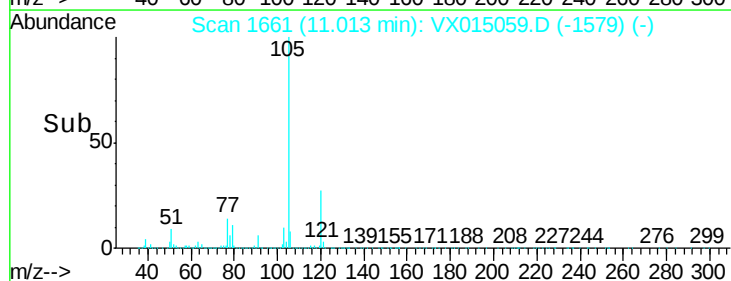
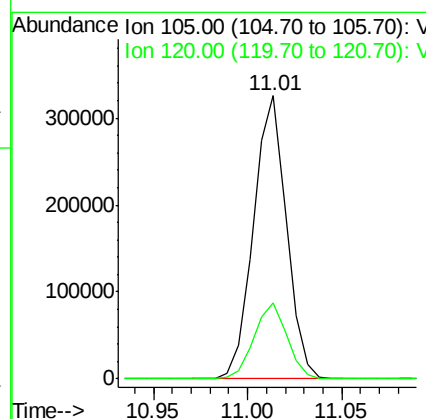
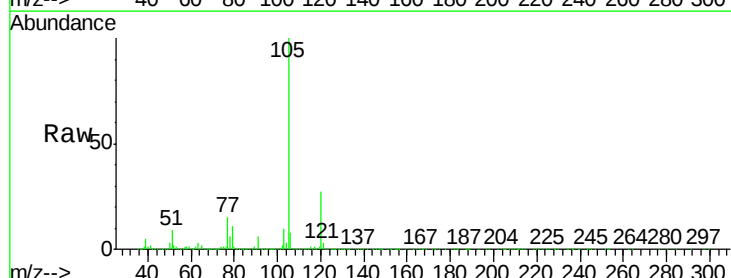
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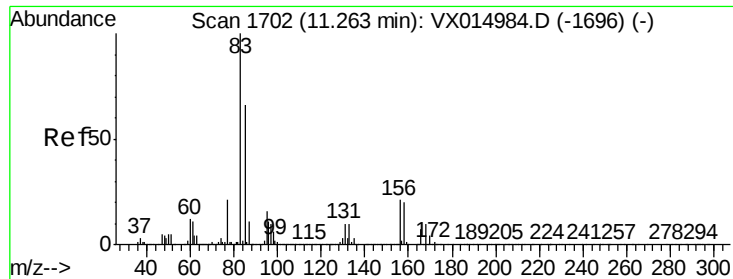
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#70
Isopropylbenzene
Concen: 20.979 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	393535		
120	26.9	18.8	35.0	





#71

1,1,2,2-Tetrachloroethane

Concen: 21.285 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

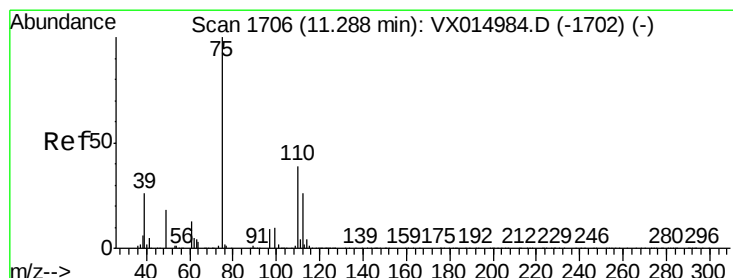
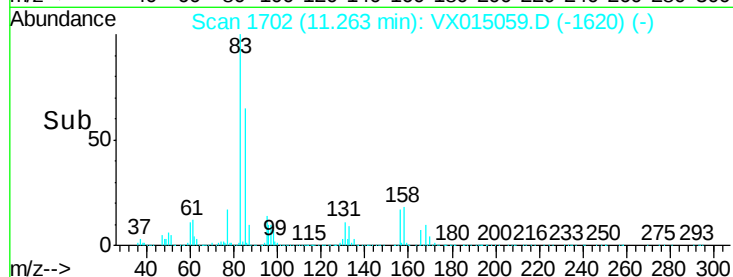
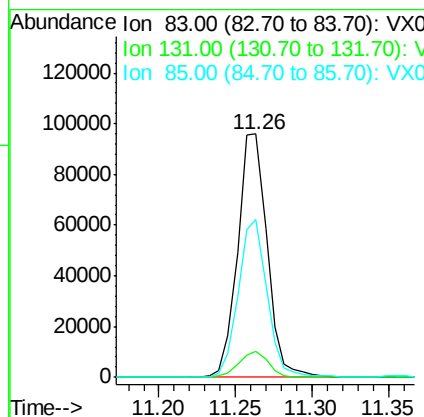
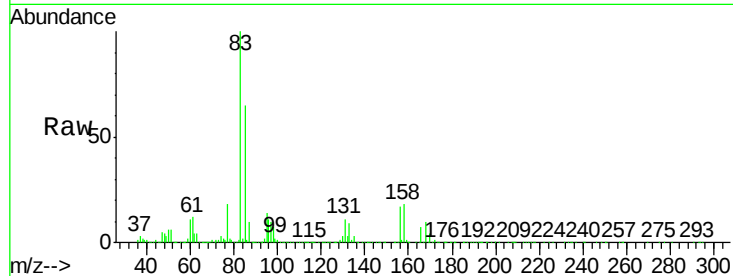
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	128559
Ion Ratio		Lower	Upper
83	100		
131	10.5	5.1	15.4
85	63.5	32.2	96.6

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#72

1,2,3-Trichloropropane

Concen: 21.757 ug/l m

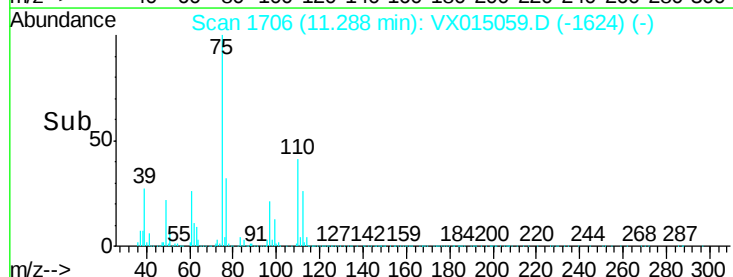
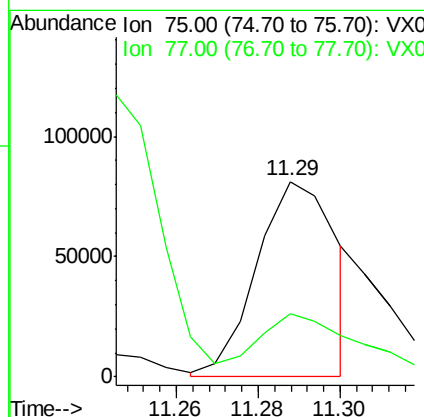
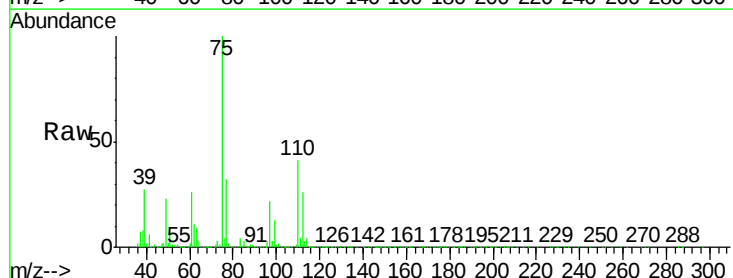
RT: 11.29 min Scan# 1706

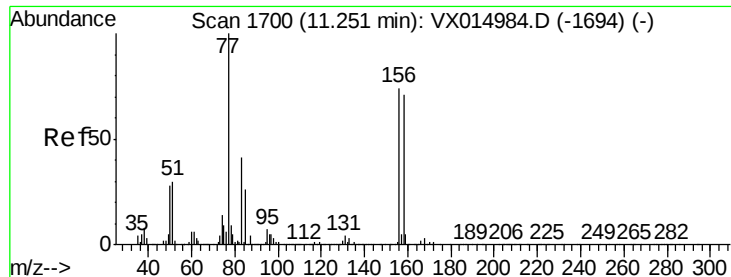
Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Tgt Ion:	75	Resp:	109001
Ion Ratio		Lower	Upper
75	100		
77	41.5	0.0	75.4





#73

Bromobenzene

Concen: 20.477 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

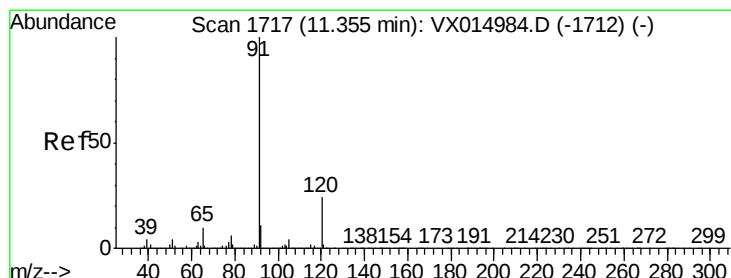
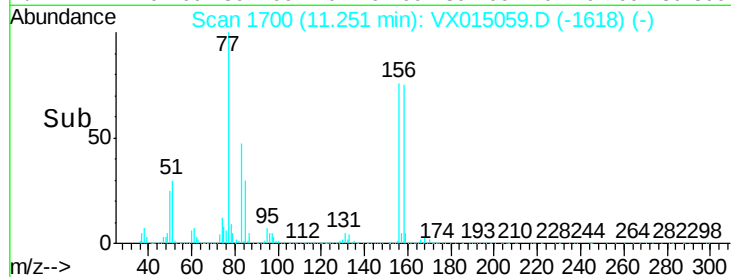
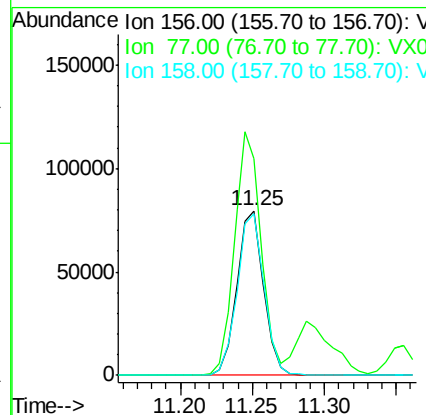
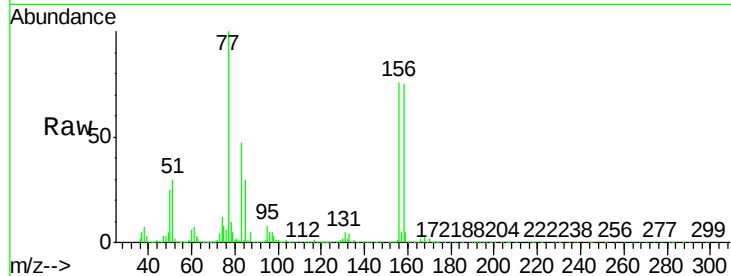
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	103789
Ion Ratio	Lower	Upper	
156	100		
77	146.0	0.0	286.8
158	98.4	0.0	191.8

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#74

n-propylbenzene

Concen: 20.986 ug/l

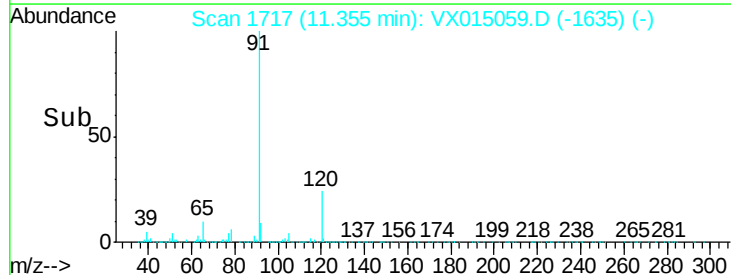
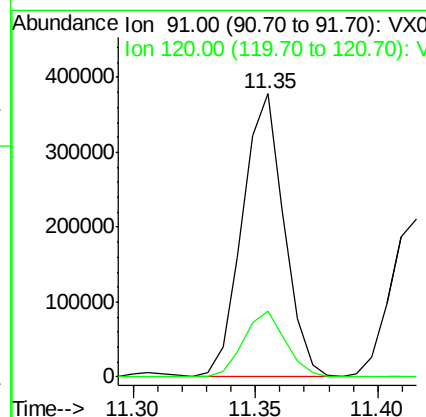
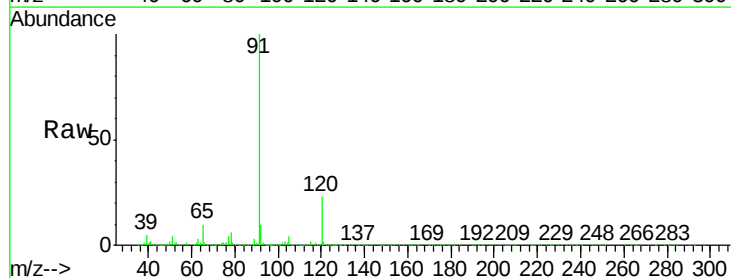
RT: 11.35 min Scan# 1717

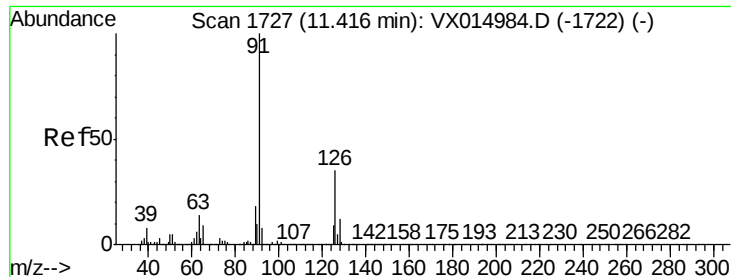
Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Tgt Ion:	91	Resp:	448046
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	47.0





#75

2-Chlorotoluene

Concen: 20.972 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 264600

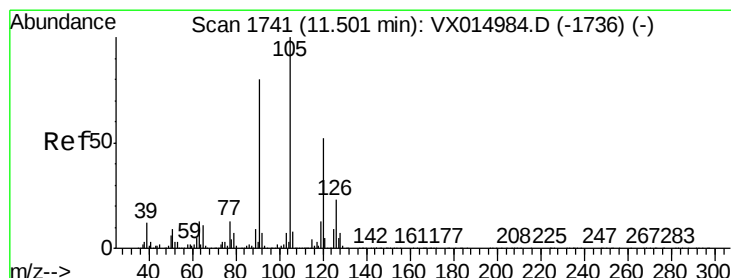
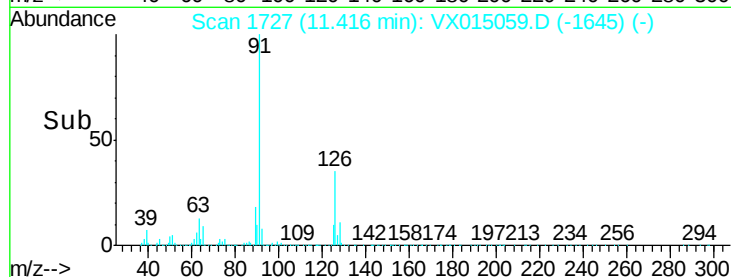
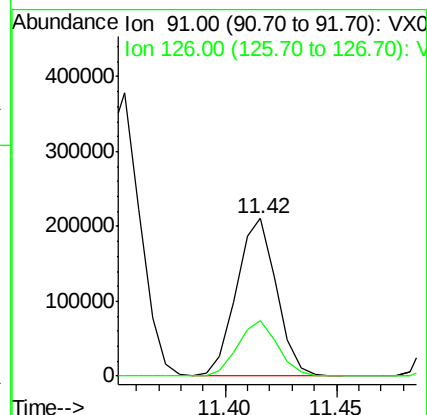
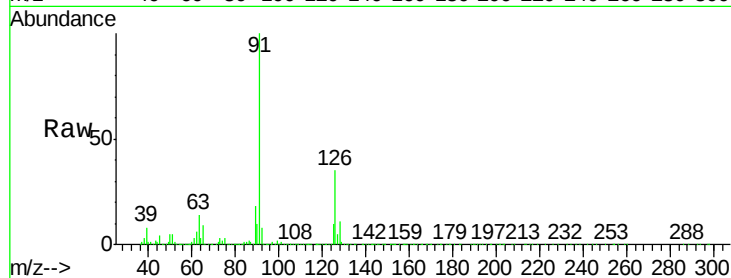
Ion Ratio Lower Upper

91 100

126 34.8 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 20.471 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015059.D

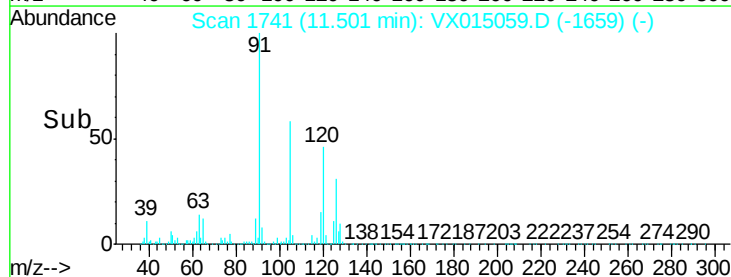
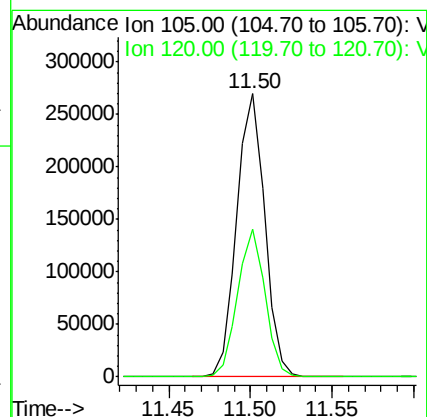
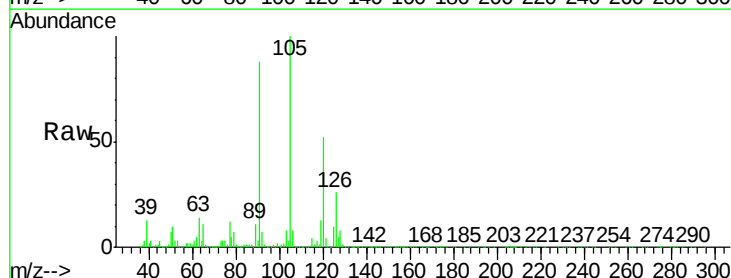
Acq: 28 Feb 2020 15:44

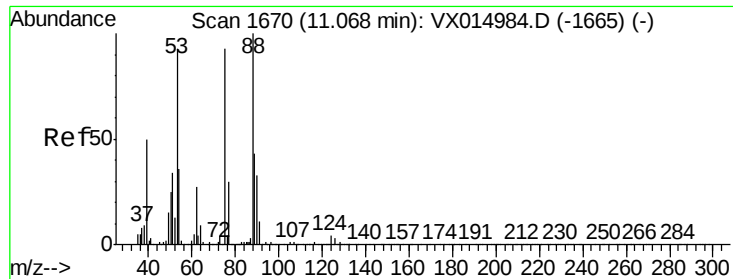
Tgt Ion: 105 Resp: 321833

Ion Ratio Lower Upper

105 100

120 51.1 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.881 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Instrument :

MSVOA_X

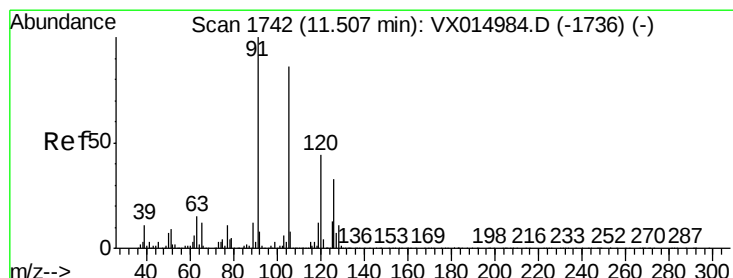
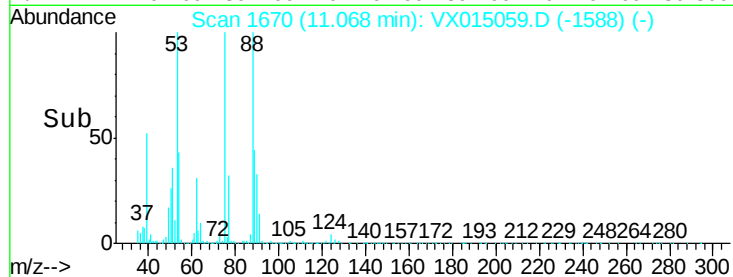
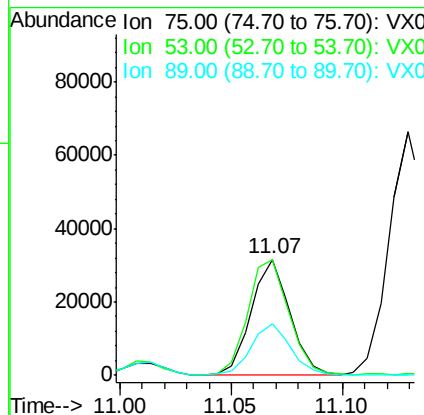
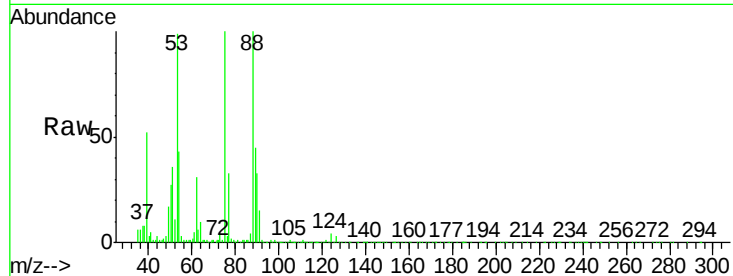
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	38143
Ion Ratio	Lower	Upper	
75	100		
53	99.6	50.0	149.8
89	44.7	23.5	70.5

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#78

4-Chlorotoluene

Concen: 20.705 ug/l

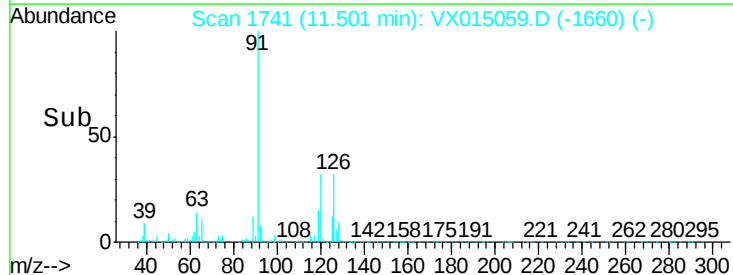
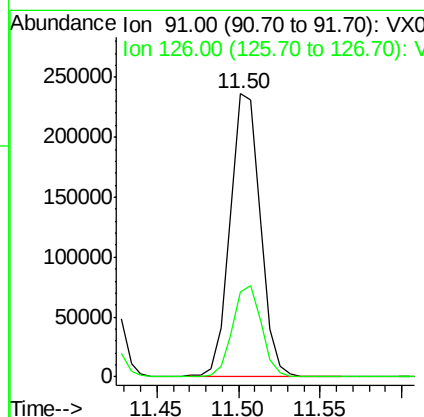
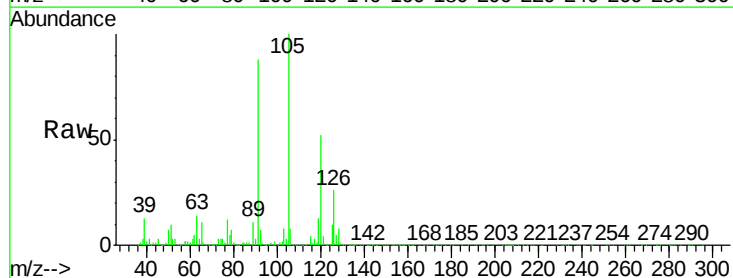
RT: 11.50 min Scan# 1741

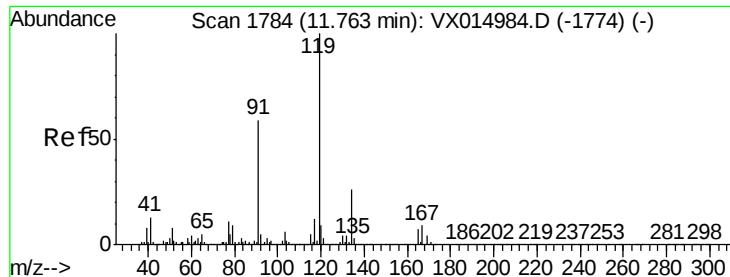
Delta R.T. -0.01 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Tgt Ion:	91	Resp:	302178
Ion Ratio	Lower	Upper	
91	100		
126	30.7	0.0	62.0





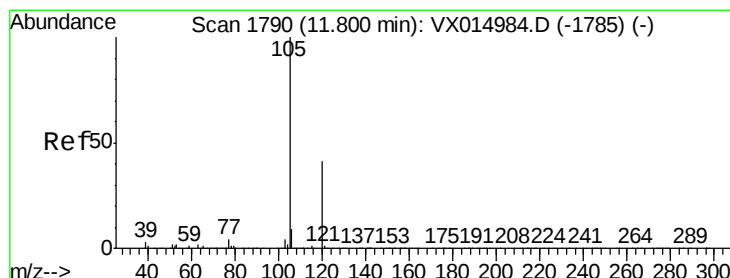
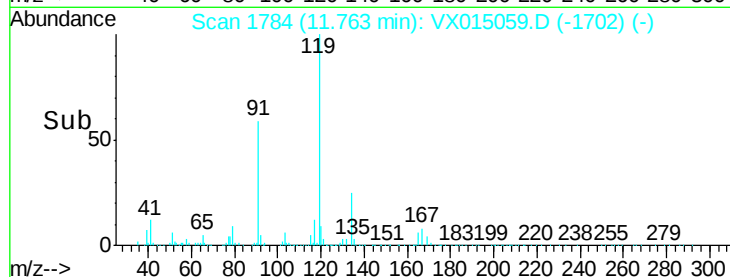
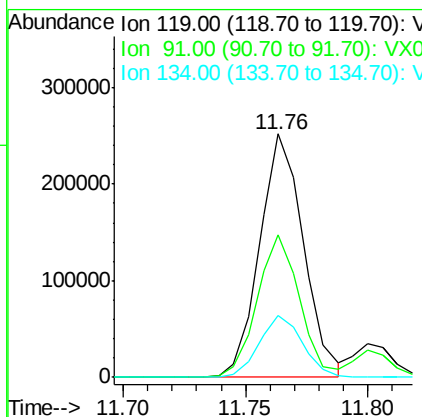
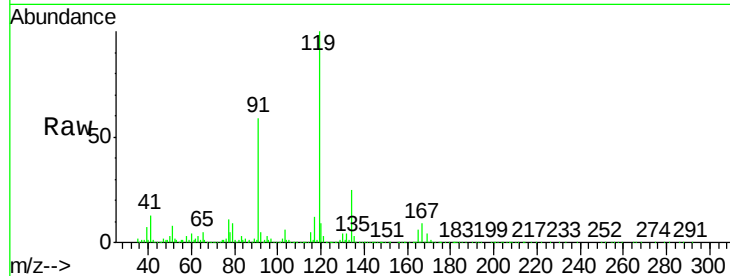
#79
tert-butylbenzene
Concen: 20.682 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	314126		
91	56.6	0.0	114.4	
134	25.1	0.0	48.8	

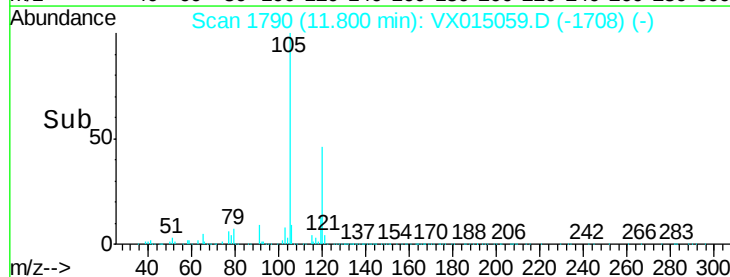
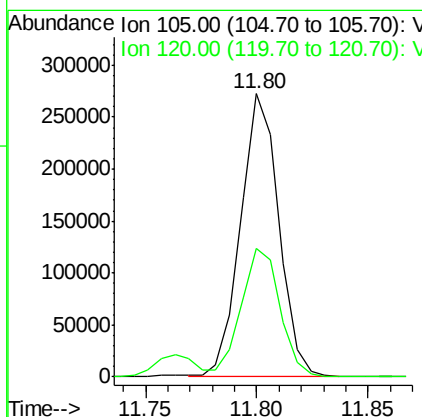
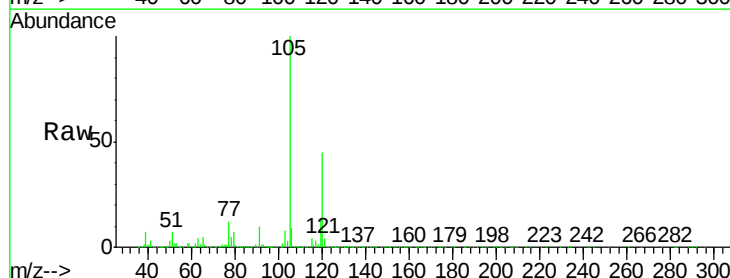
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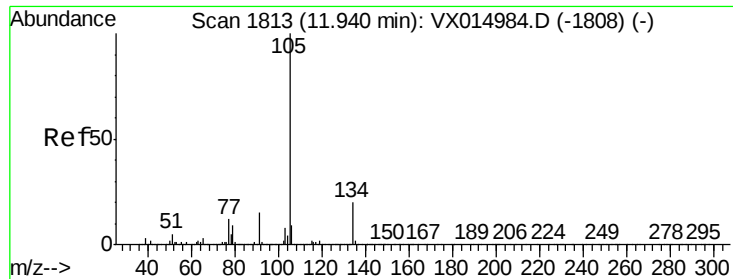
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#80
1,2,4-Trimethylbenzene
Concen: 20.869 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	326178		
120	45.5	0.0	93.4	





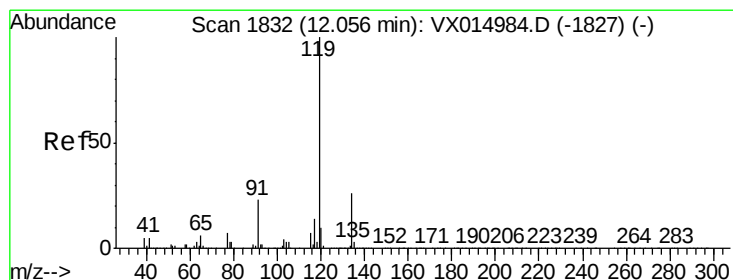
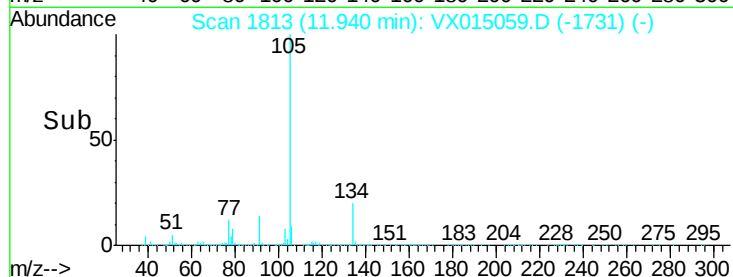
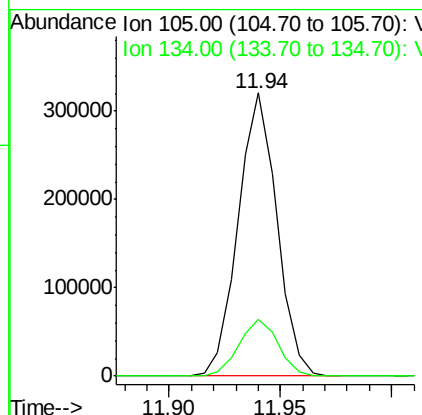
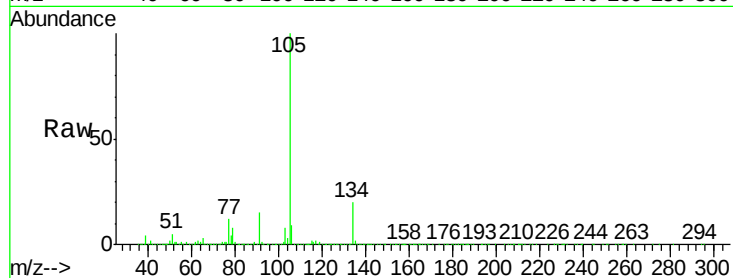
#81
 sec-Butylbenzene
 Concen: 21.314 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	387683		
134	20.4	0.0	40.8	

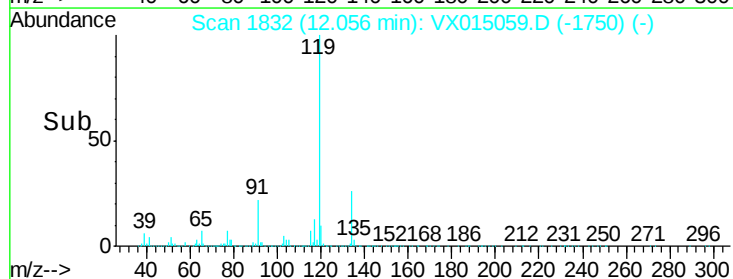
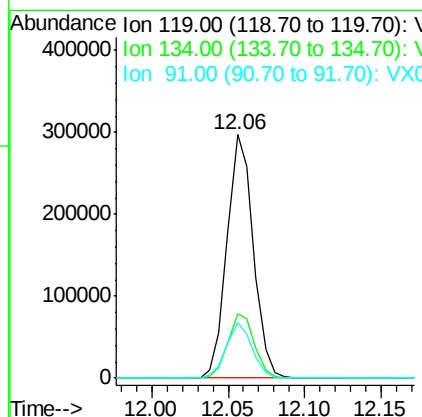
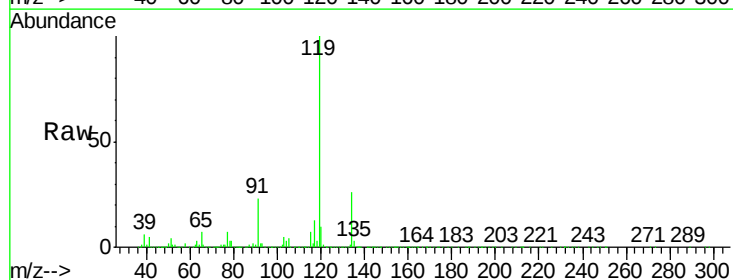
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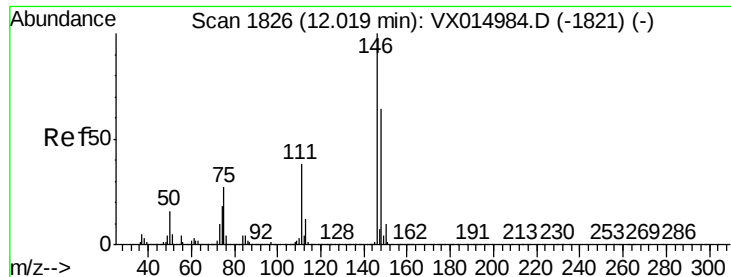
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#82
 p-Isopropyltoluene
 Concen: 20.869 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	352642		
134	26.8	0.0	53.2	
91	22.4	0.0	44.6	





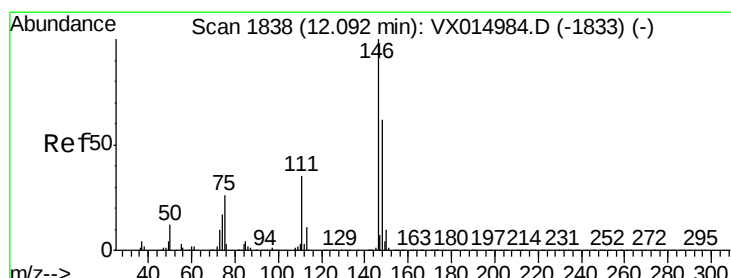
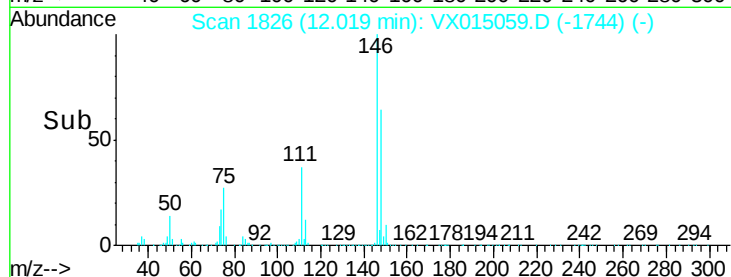
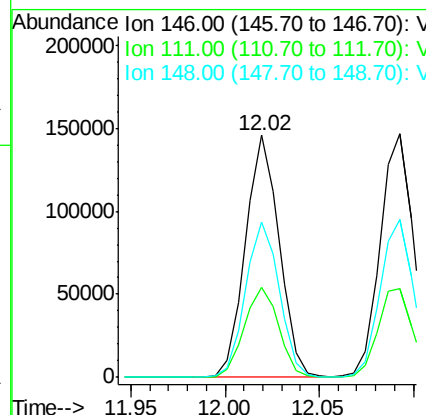
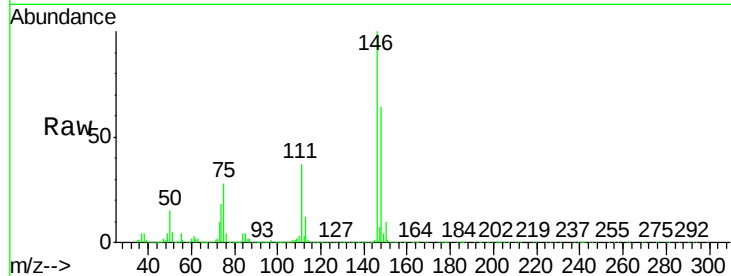
#83
 1,3-Dichlorobenzene
 Concen: 20.481 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.3	57.9
148	64.4	32.3	96.9

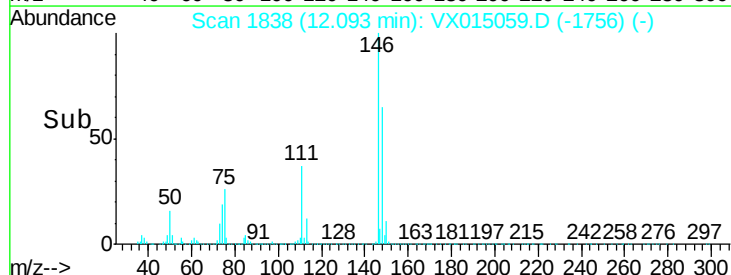
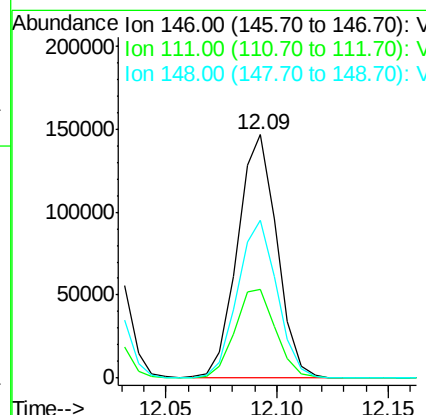
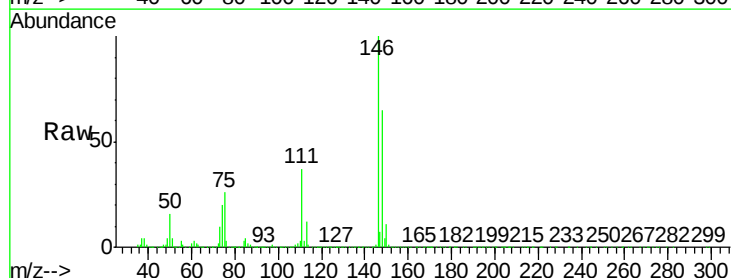
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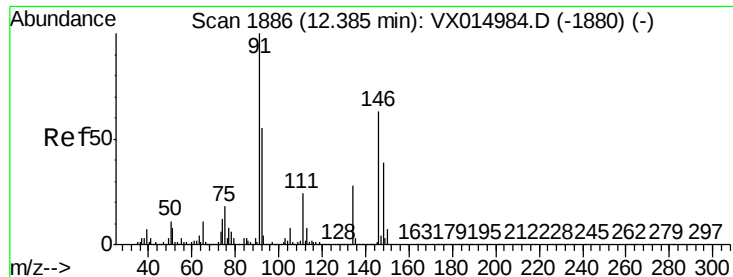
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#84
 1,4-Dichlorobenzene
 Concen: 20.151 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	17.8	53.5
148	65.0	31.4	94.2





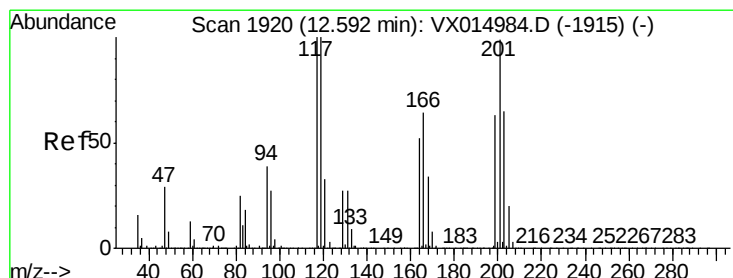
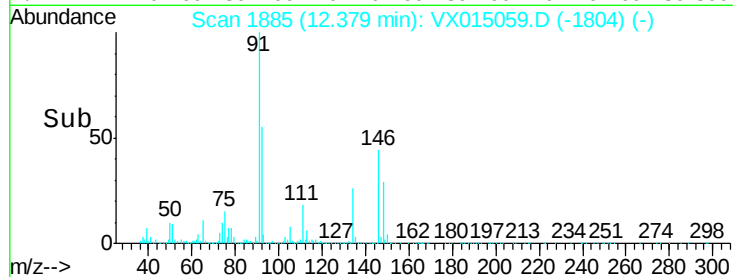
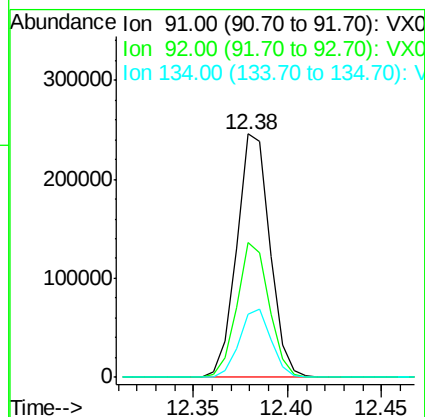
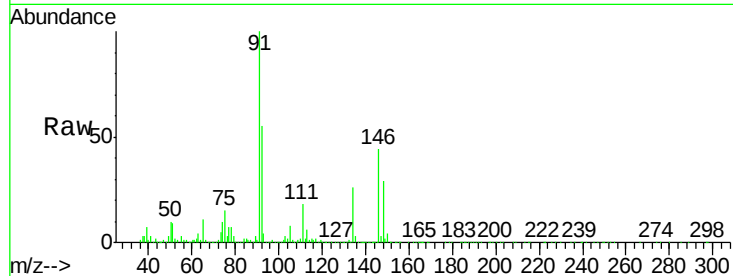
#85
n-Butylbenzene
Concen: 20.398 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	299944		
92	53.7	0.0	109.8	
134	26.9	0.0	54.8	

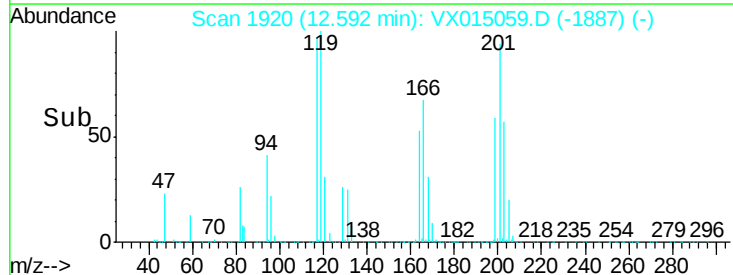
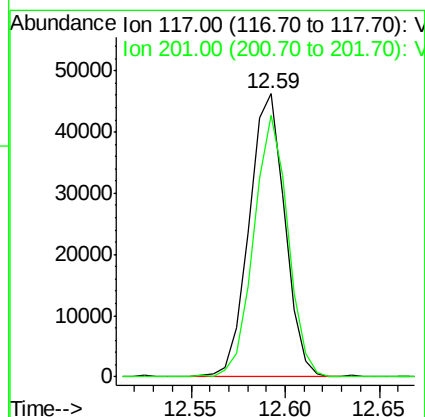
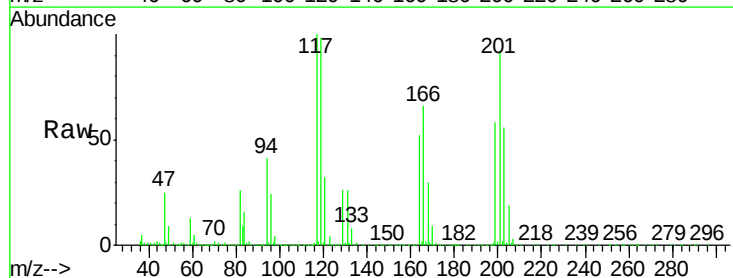
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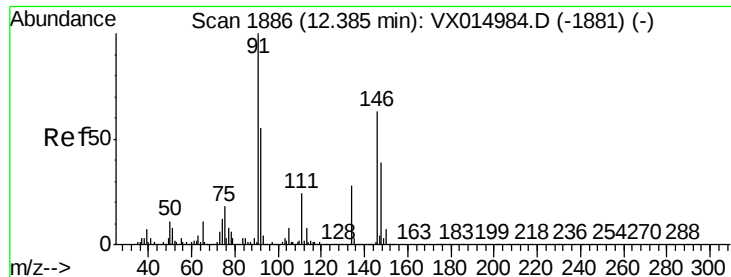
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#86
Hexachloroethane
Concen: 19.780 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	60415		
201	88.5	45.6	136.7	





#87

1,2-Dichlorobenzene

Concen: 20.428 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015059.D

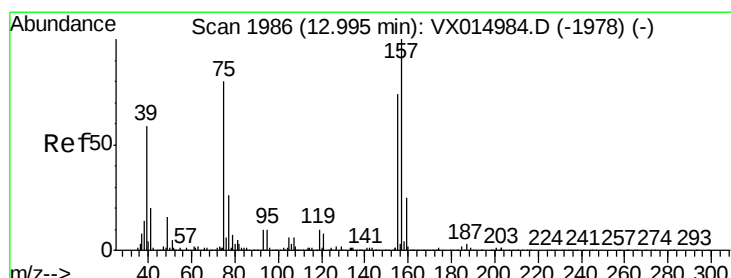
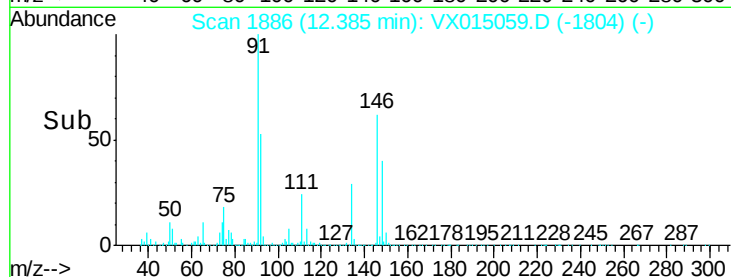
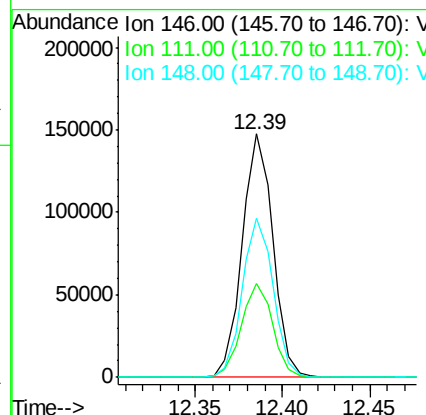
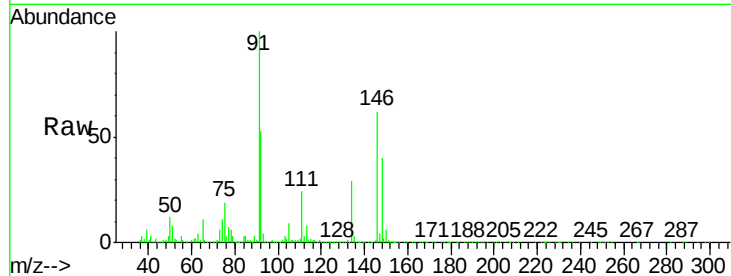
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	180617		
111	39.0	19.7	59.1	
148	65.5	32.0	96.0	

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.662 ug/l

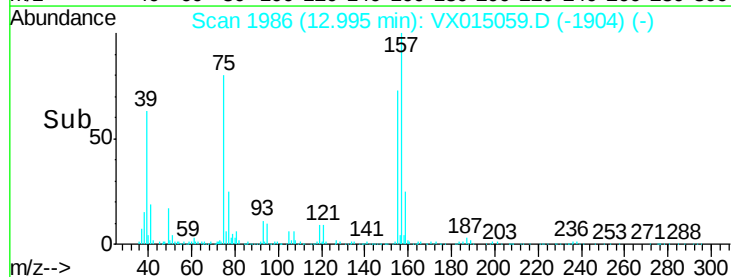
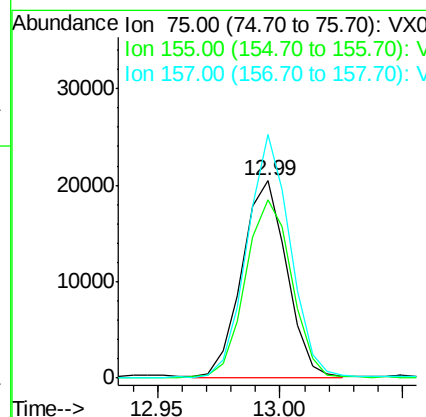
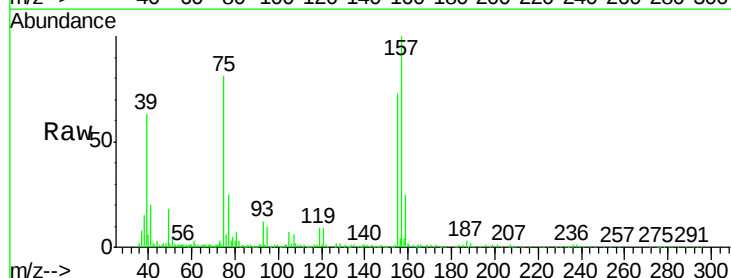
RT: 12.99 min Scan# 1986

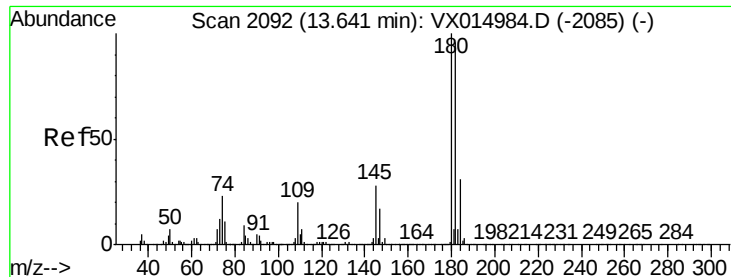
Delta R.T. 0.00 min

Lab File: VX015059.D

Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	25863		
155	93.9	74.5	111.7	
157	120.5	96.2	144.4	





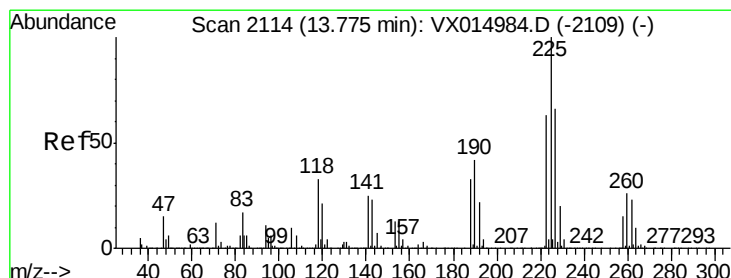
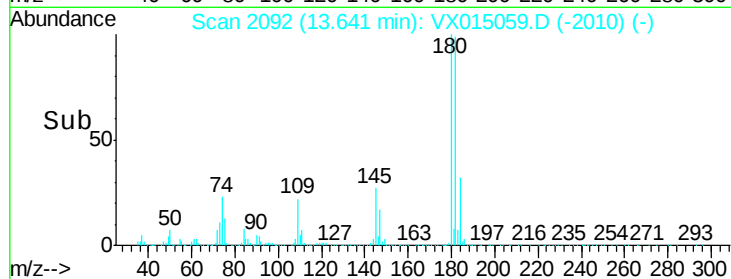
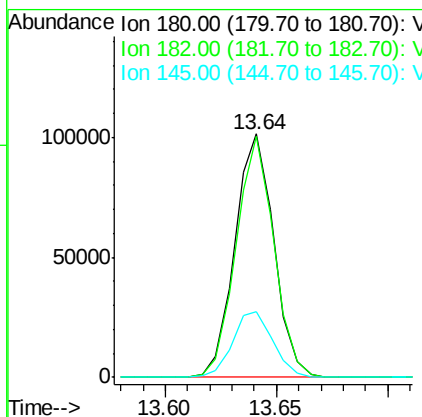
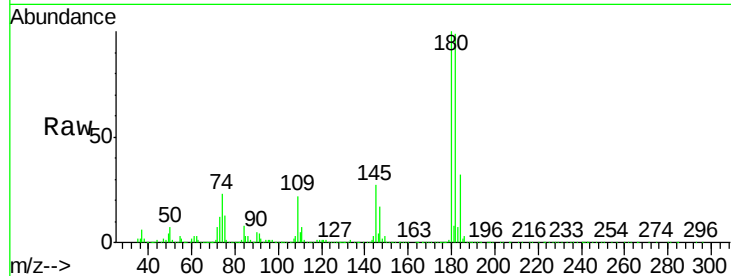
#89
 1,2,4-Trichlorobenzene
 Concen: 19.393 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	123307		
182	95.6	76.4	114.6	
145	28.0	21.8	32.6	

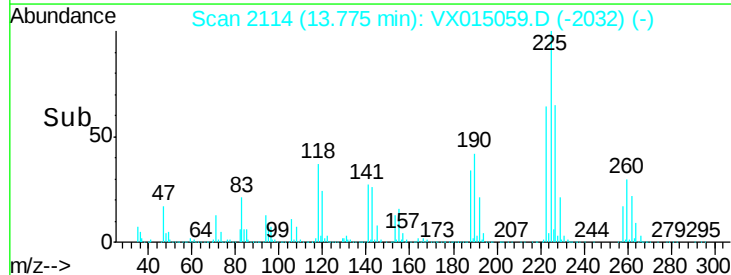
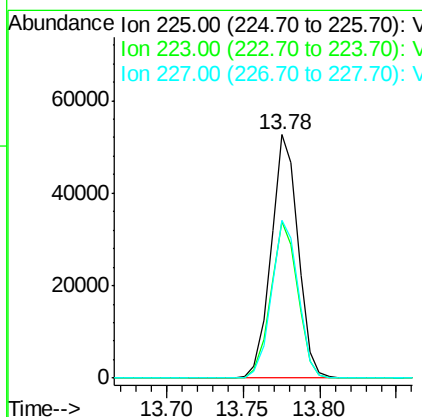
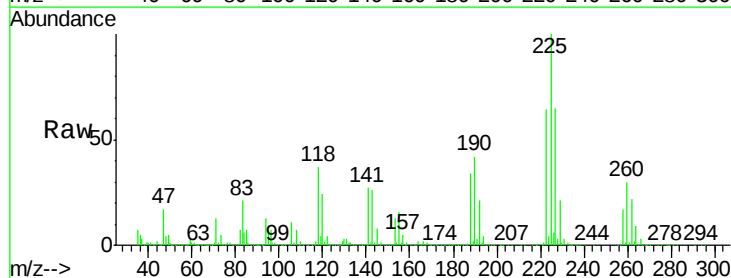
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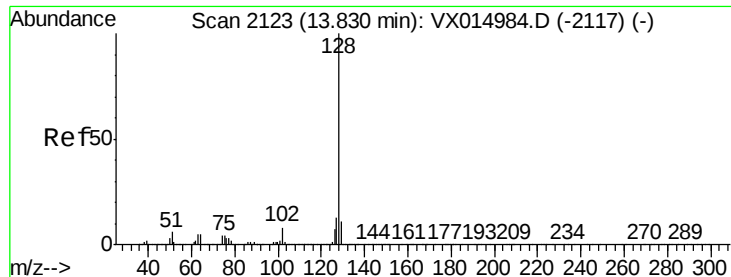
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#90
 Hexachlorobutadiene
 Concen: 20.465 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015059.D
 Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64622		
223	63.8	0.0	132.0	
227	64.2	0.0	131.0	





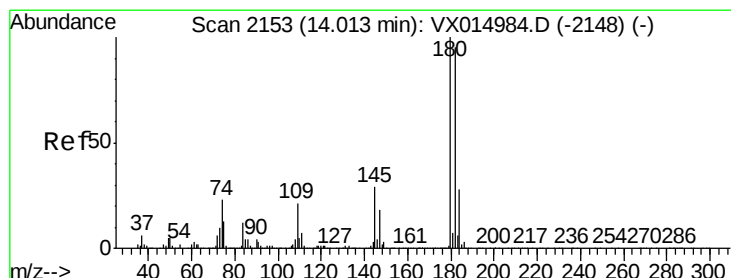
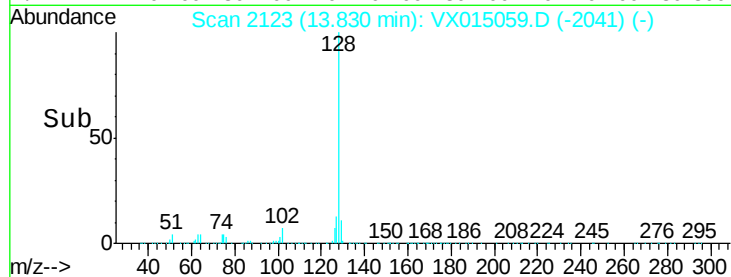
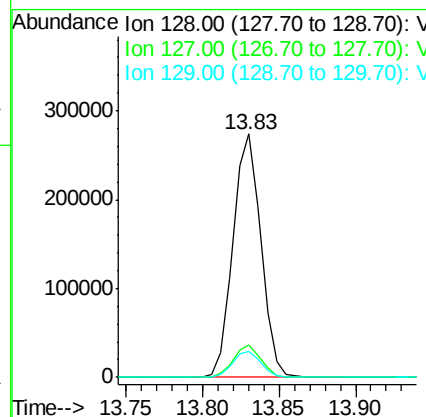
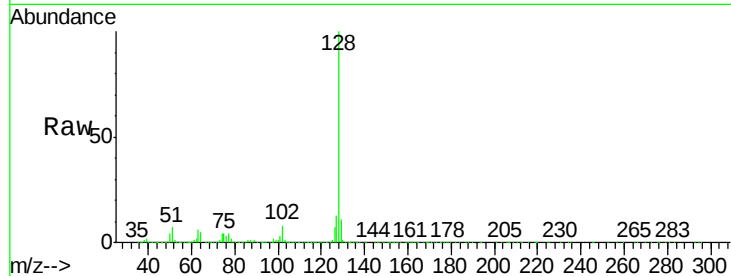
#91
Naphthalene
Concen: 19.196 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.9	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 19.762 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015059.D
Acq: 28 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	0.0	192.4
145	29.6	0.0	60.4

