

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022120\
 Data File : VX014996.D
 Acq On : 21 Feb 2020 16:39
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:28:35 AM

Quant Time: Feb 22 02:09:07 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	74666	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	408243	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	376414	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	151923	29.26	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.53%
60) 4-Bromofluorobenzene	11.13	95	173317	29.56	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.53%
63) Toluene-d8	8.71	98	484351	29.51	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	60024	18.002	ug/l 97
3) Chloromethane	1.32	50	82058	19.033	ug/l 97
4) Vinyl Chloride	1.41	62	85448	18.415	ug/l 100
5) Bromomethane	1.64	94	59197	18.218	ug/l 100
6) Chloroethane	1.72	64	59810	19.243	ug/l 98
7) Trichlorofluoromethane	1.93	101	128472	19.024	ug/l 95
8) Diethyl Ether	2.18	74	54002	19.009	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76212	19.520	ug/l 98
10) 1,1-Dichloroethene	2.37	96	74463	18.971	ug/l 98
11) Methyl Iodide	2.50	142	71654	15.024	ug/l 96
12) Methyl Acetate	2.76	43	92738	18.987	ug/l 95
13) Acrolein	2.28	56	89380	92.012	ug/l 96
14) Acrylonitrile	3.12	53	211805	96.022	ug/l 100
15) Acetone	2.43	58	67624	85.665	ug/l 92
16) Carbon Disulfide	2.56	76	194137	18.395	ug/l 99
17) Allyl chloride	2.72	41	128439	18.811	ug/l 99
18) Methylene Chloride	2.85	84	86257	19.073	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	82516	19.140	ug/l 100
20) Diisopropyl ether	3.84	45	266614	19.120	ug/l 99
21) 1,1-Dichloroethane	3.69	63	145744	19.067	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	94123	19.078	ug/l 97
23) tert-Butyl Alcohol	3.02	59	80122	91.632	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	248874	19.058	ug/l 98
25) Chloroform	5.20	83	148118	19.216	ug/l 95
26) Cyclohexane	5.57	56	127810	18.708	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	111138	19.247	ug/l 98
30) 2-Butanone	4.65	43	305009	91.512	ug/l 99
31) 2,2-Dichloropropane	4.57	77	119342	18.822	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	122723	18.715	ug/l 99
33) Carbon Tetrachloride	5.78	117	108604	18.920	ug/l 99
34) Benzene	6.13	78	337110	19.348	ug/l 98
35) Methacrylonitrile	5.03	41	64337	18.923	ug/l 95
36) 1,2-Dichloroethane	6.18	62	120794	19.586	ug/l 97
37) Trichloroethene	7.20	130	93500	19.112	ug/l 94
38) Methylcyclohexane	7.45	83	138899	19.406	ug/l 99
39) 1,2-Dichloropropane	7.50	63	85261	19.010	ug/l 96
40) Dibromomethane	7.65	93	57064	19.054	ug/l 96

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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	111373	18.826	ug/l	95
42) Vinyl Acetate	3.80	43	1124500	95.854	ug/l	99
43) Ethyl Acetate	4.81	43	115762	19.196	ug/l	99
44) Isopropyl Acetate	6.43	43	189750	18.717	ug/l	100
45) 1,4-Dioxane	7.72	88	34232	365.430	ug/l	94
46) Methyl methacrylate	7.76	41	92673	18.478	ug/l	96
47) n-amyl Acetate	10.89	43	159471	18.158	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	121196	18.465	ug/l	94
49) cis-1,3-Dichloropropene	8.43	75	136537	18.895	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	84995	19.050	ug/l	96
51) Ethyl methacrylate	9.17	69	128484	18.657	ug/l	95
52) 1,3-Dichloropropane	9.36	76	143664	19.034	ug/l	99
53) Dibromochloromethane	9.57	129	91376	18.942	ug/l	100
54) 1,2-Dibromoethane	9.67	107	91119	19.235	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	360392	98.245	ug/l	100
56) Bromoform	10.85	173	69461	18.369	ug/l	100
58) 4-Methyl-2-Pentanone	8.63	43	582439	94.415	ug/l	99
59) 2-Hexanone	9.48	43	449618	93.281	ug/l	99
61) Tetrachloroethene	9.33	164	96746	19.136	ug/l	98
62) Toluene	8.78	91	366597	19.014	ug/l	100
64) Chlorobenzene	10.13	112	232646	18.905	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	86086	18.885	ug/l	98
66) Ethyl Benzene	10.25	91	404672	19.054	ug/l	100
67) m/p-Xylenes	10.35	106	311852	38.078	ug/l	99
68) o-Xylene	10.69	106	148071	18.686	ug/l	100
69) Styrene	10.71	104	251928	18.615	ug/l	99
70) Isopropylbenzene	11.01	105	402151	19.105	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.26	83	127803	18.858	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	107684m	19.155	ug/l	
73) Bromobenzene	11.25	156	105405	18.533	ug/l	96
74) n-propylbenzene	11.35	91	463602	19.351	ug/l	100
75) 2-Chlorotoluene	11.42	91	269817	19.058	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	335990	19.046	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	38629	17.041	ug/l	97
78) 4-Chlorotoluene	11.51	91	314562	19.209	ug/l	100
79) tert-butylbenzene	11.76	119	322721	18.936	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	334071	19.049	ug/l	100
81) sec-Butylbenzene	11.94	105	395466	19.376	ug/l	98
82) p-Isopropyltoluene	12.06	119	365320	19.266	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	195186	19.577	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	191680	19.091	ug/l	97
85) n-Butylbenzene	12.38	91	326865	19.810	ug/l	99
86) Hexachloroethane	12.59	117	62170	18.139	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	189438	19.094	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	25975	17.598	ug/l	95
89) 1,2,4-Trichlorobenzene	13.64	180	137836	19.319	ug/l	99
90) Hexachlorobutadiene	13.78	225	70626	19.932	ug/l	95
91) Naphthalene	13.83	128	378080	18.718	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	136663	19.293	ug/l	99

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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
VSTDCCC020EC

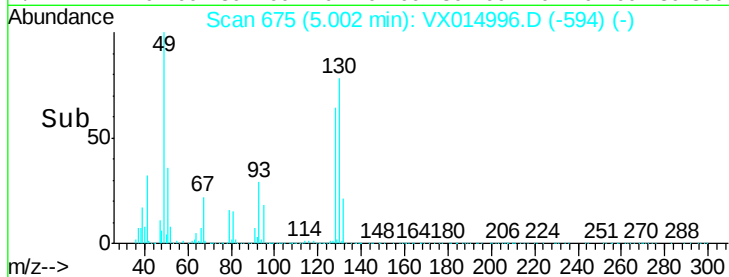
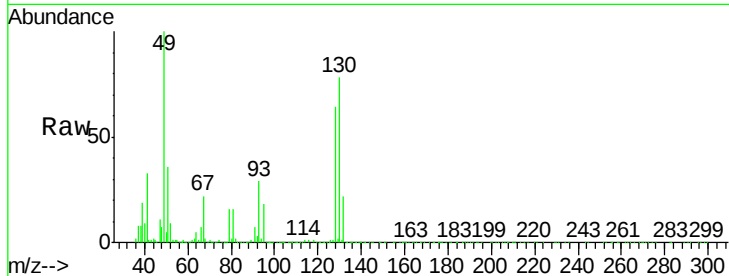
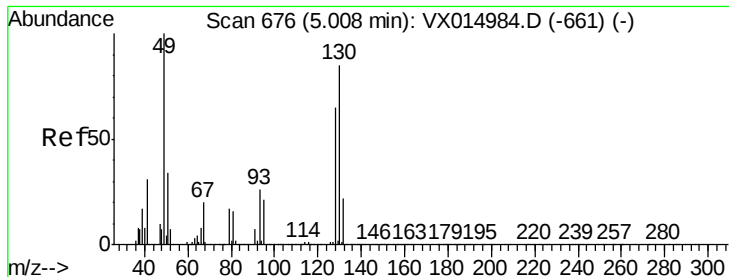
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



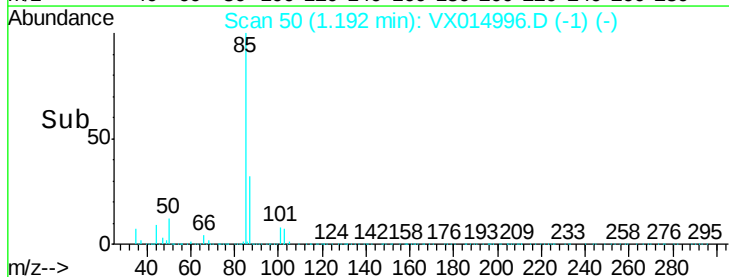
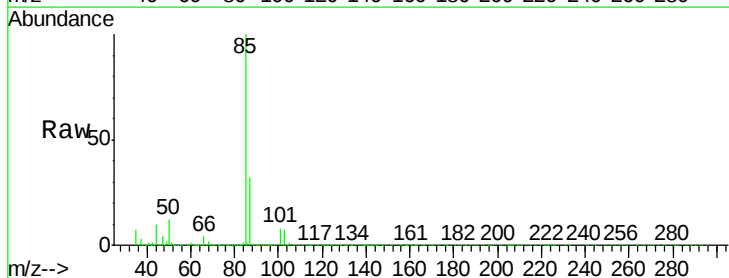
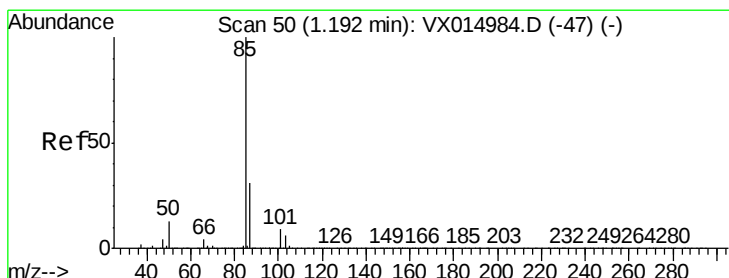
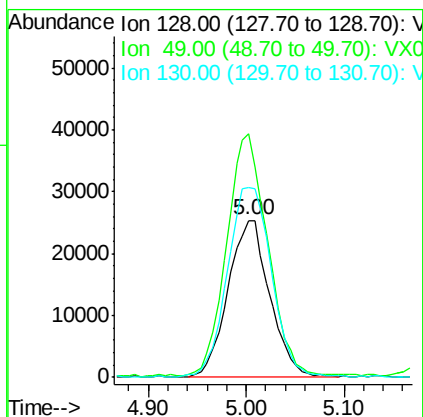
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Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tot Ion	Ratio	Lower	Upper
128	100		
49	152.2	0.0	384.7
130	126.6	0.0	330.8

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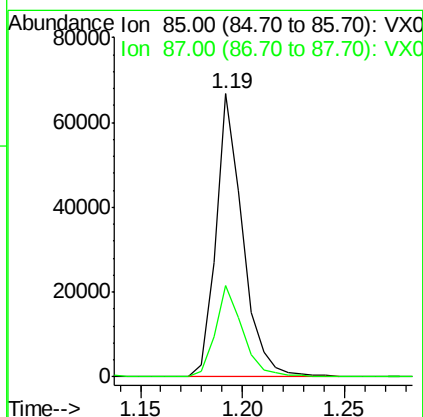
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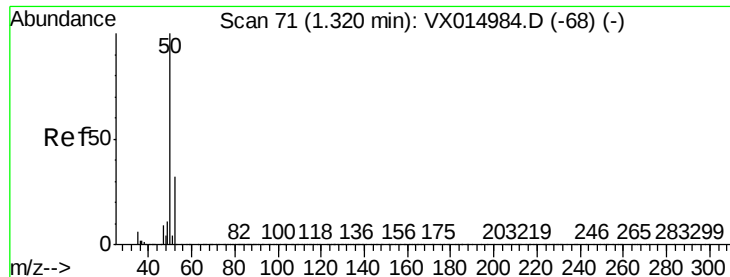
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#2
Dichlorodifluoromethane
Concen: 18.002 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.3	45.9





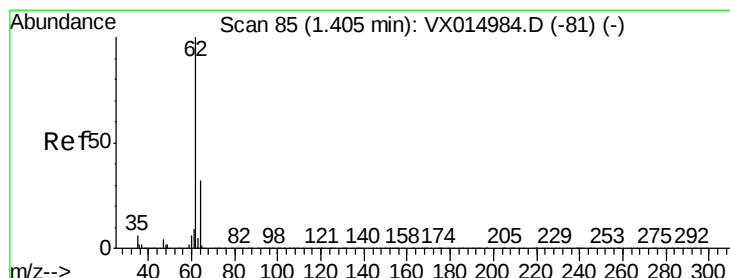
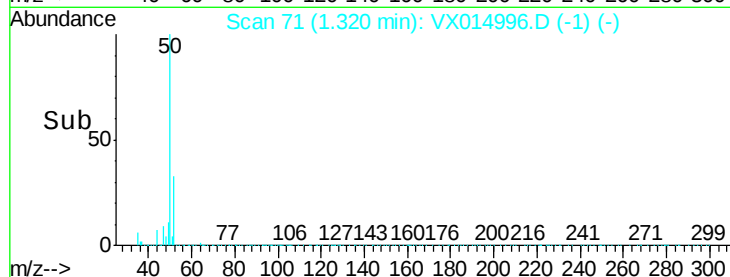
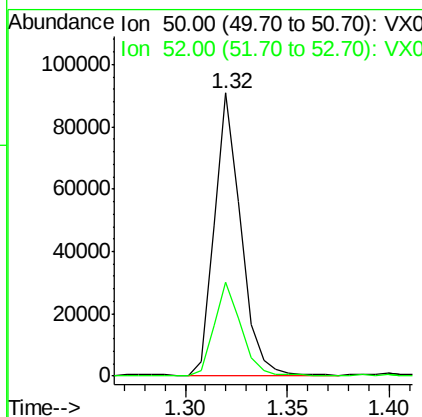
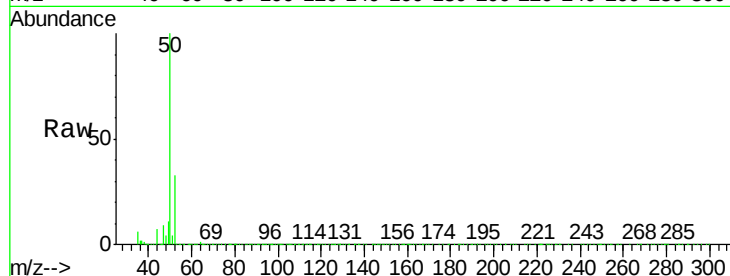
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Chloromethane
Concen: 19.033 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.2	25.4	38.0

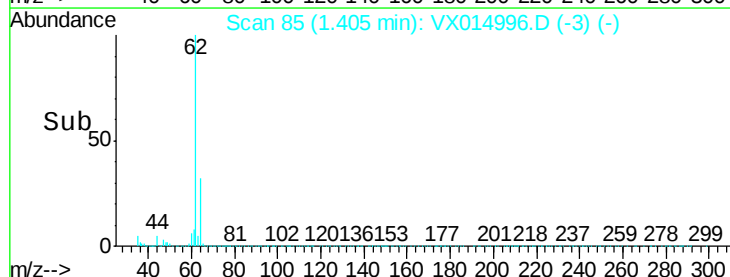
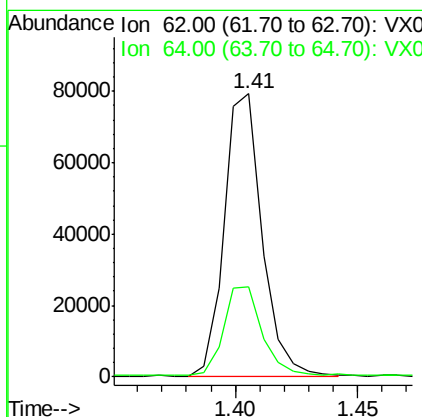
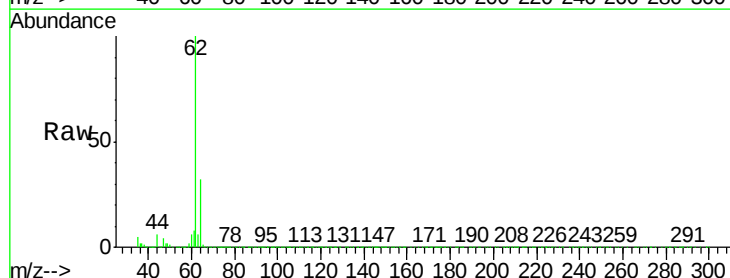
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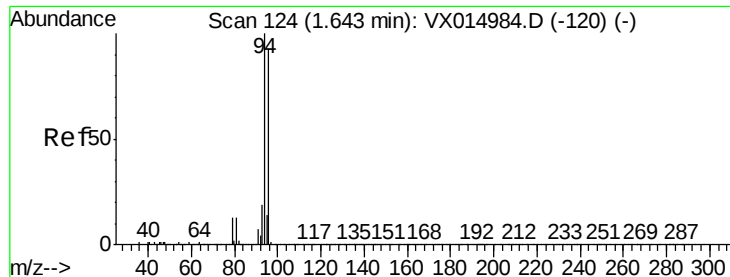
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#4
Vinyl Chloride
Concen: 18.415 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.4	38.0





#5

Bromomethane

Concen: 18.218 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 59197

Ion Ratio Lower Upper

94 100

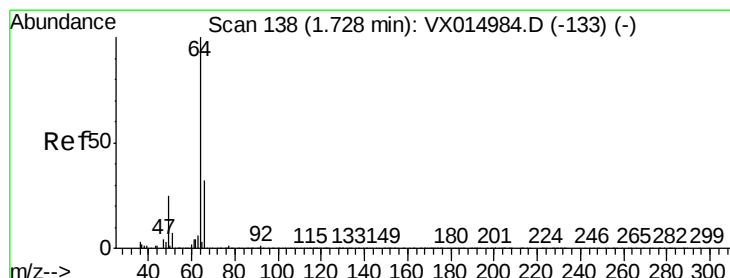
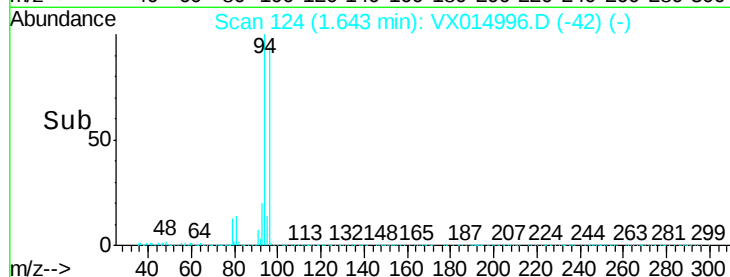
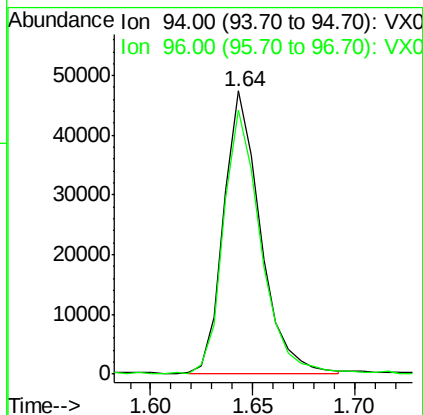
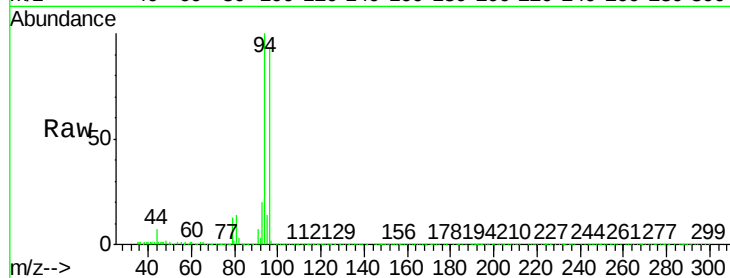
96 93.3 74.6 112.0

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#6

Chloroethane

Concen: 19.243 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX014996.D

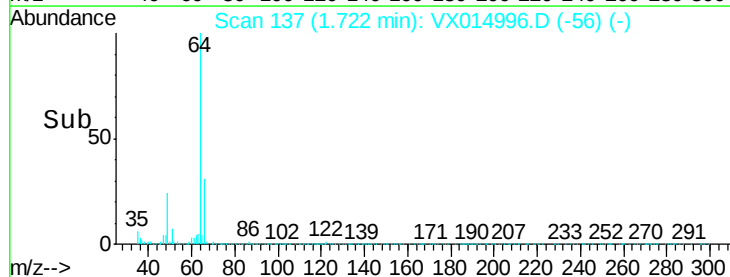
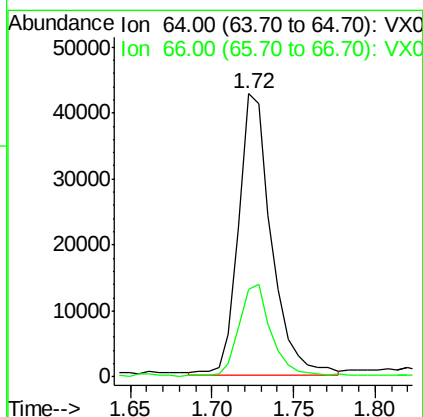
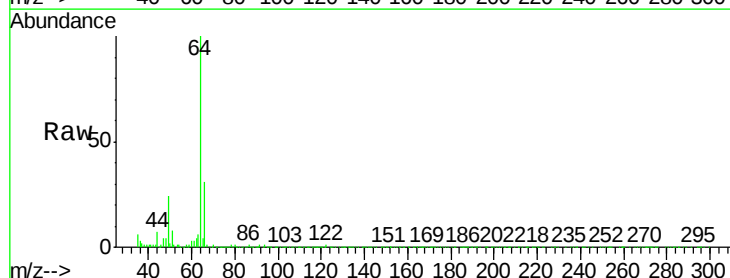
Acq: 21 Feb 2020 16:39

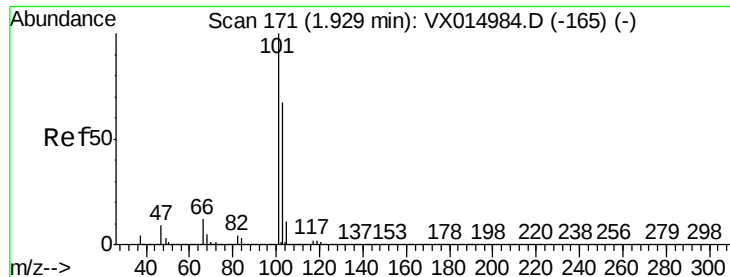
Tgt Ion: 64 Resp: 59810

Ion Ratio Lower Upper

64 100

66 30.9 25.8 38.6





#7

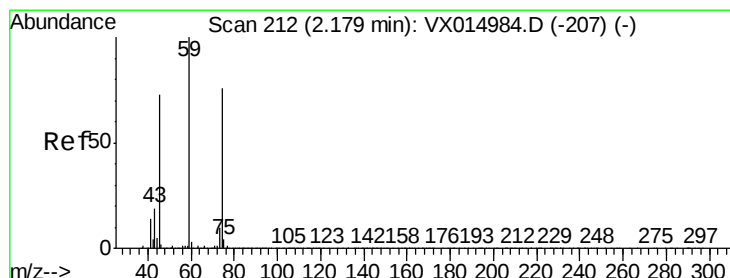
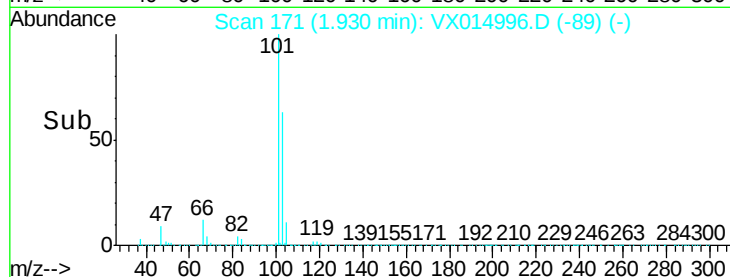
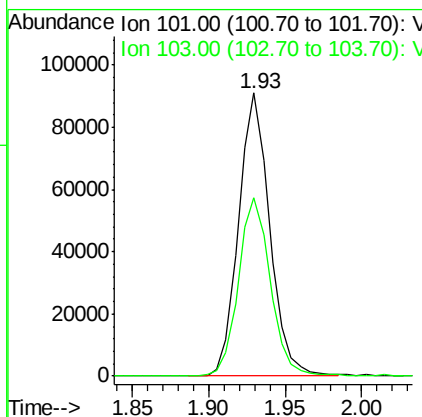
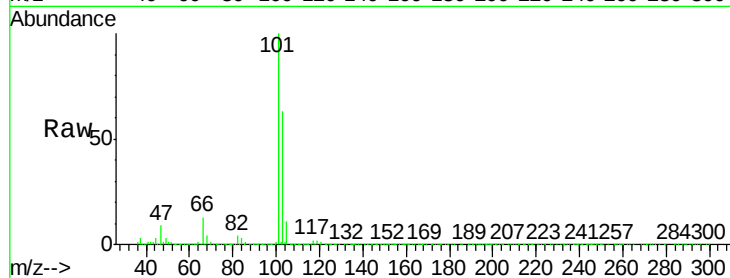
Trichlorofluoromethane
Concen: 19.024 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	53.4	80.2

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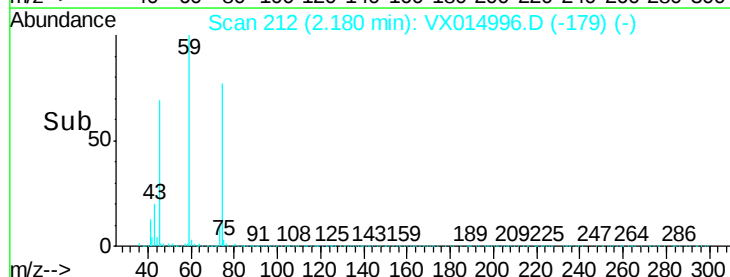
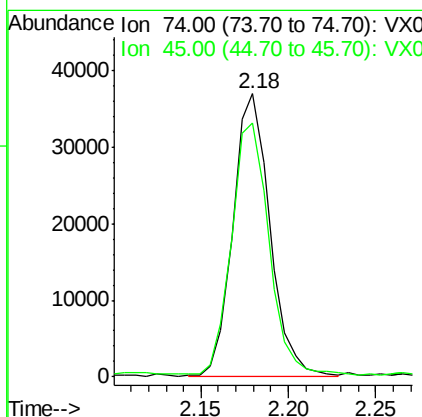
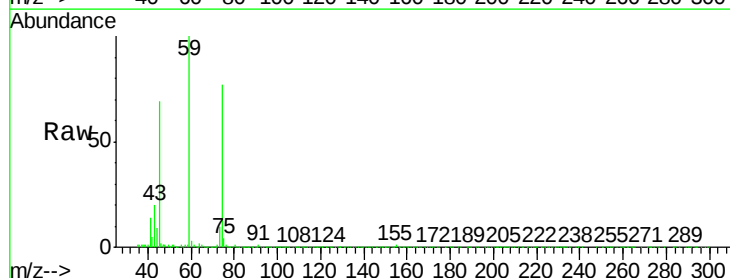
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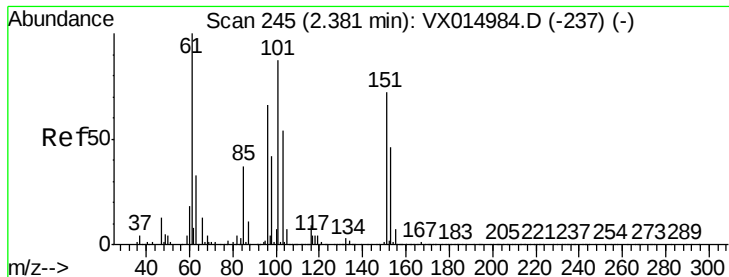


#8

Diethyl Ether
Concen: 19.009 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.3	19.6	176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.520 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

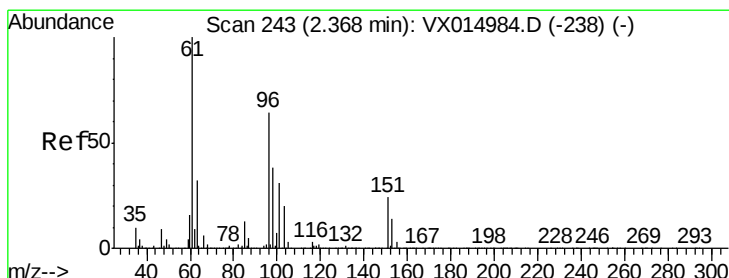
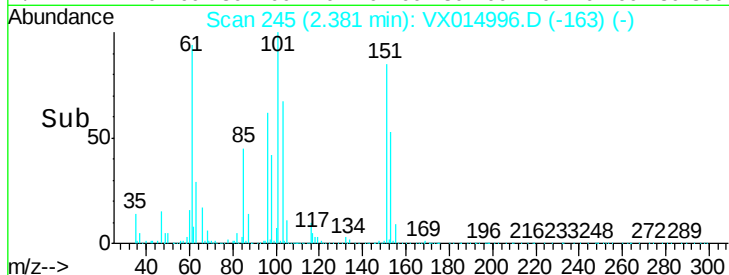
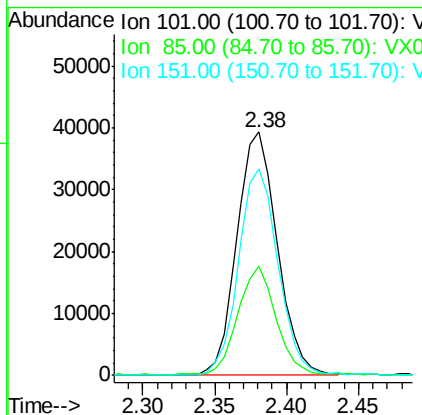
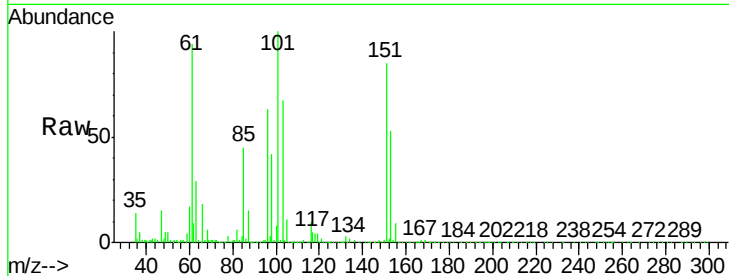
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	76212
Ion Ratio	Lower	Upper	
101	100		
85	40.8	0.0	86.6
151	83.2	0.0	167.4

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#10

1,1-Dichloroethene

Concen: 18.971 ug/l

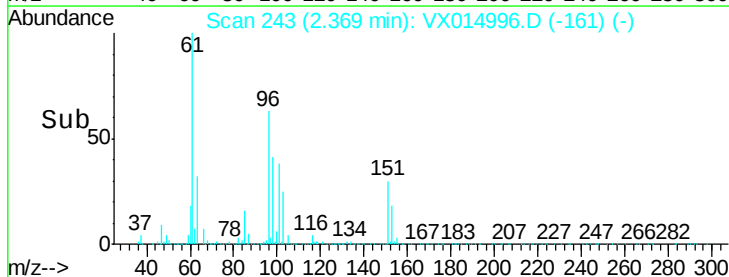
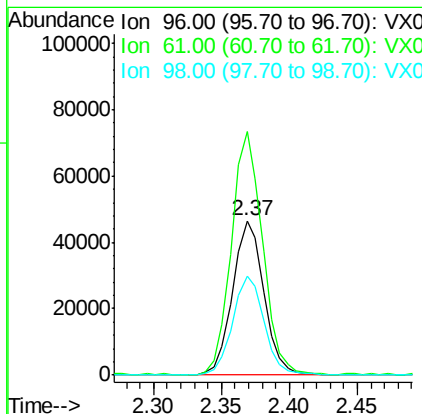
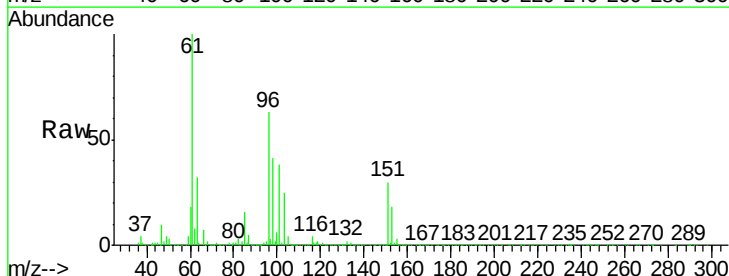
RT: 2.37 min Scan# 243

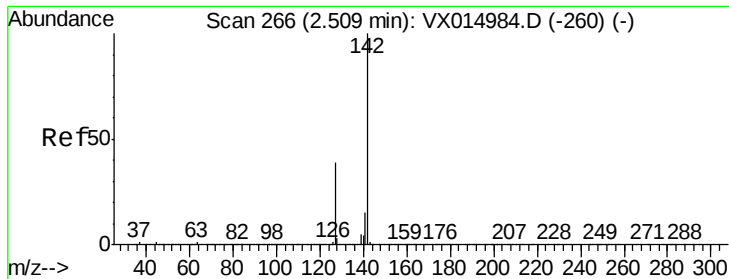
Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Tgt Ion:	96	Resp:	74463
Ion Ratio	Lower	Upper	
96	100		
61	157.1	126.1	189.1
98	63.8	48.2	72.2





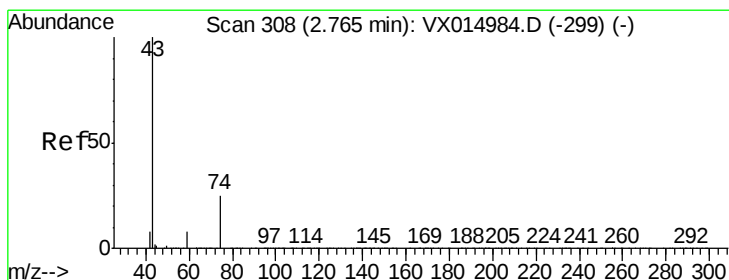
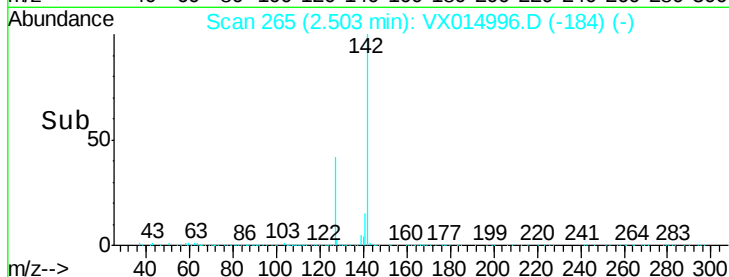
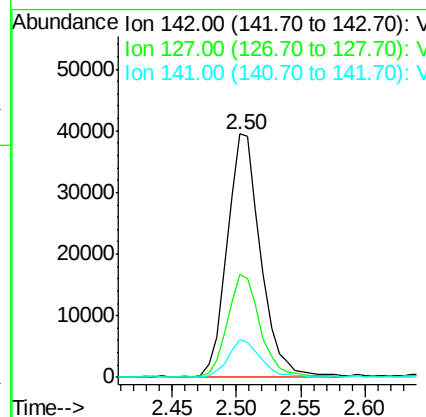
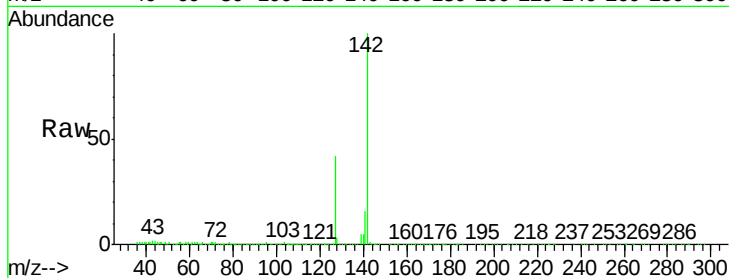
#11
Methyl Iodide
Concen: 15.024 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.1	19.7	59.0
141	15.6	7.4	22.2

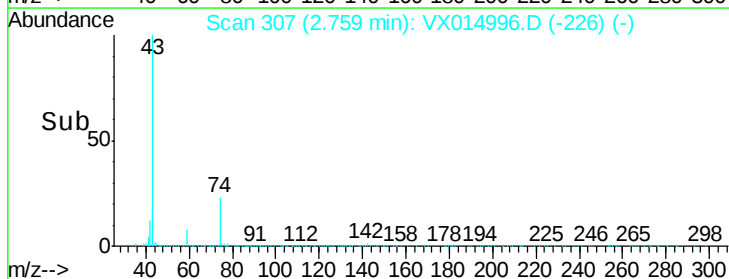
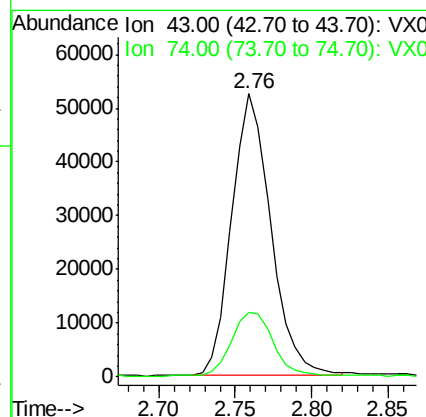
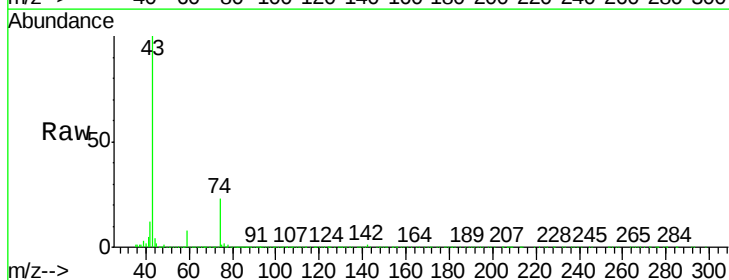
Manual Integrations
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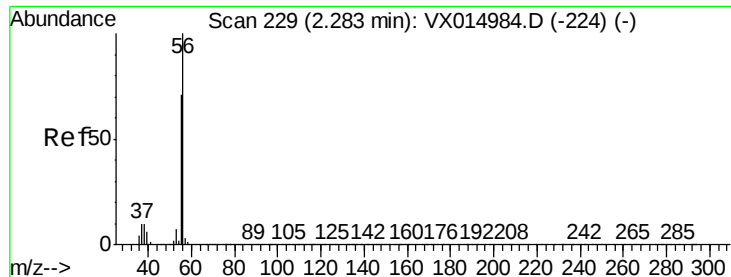
MMDadoda
2/24/2020 11:28:35 AM



#12
Methyl Acetate
Concen: 18.987 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	19.8	29.8





#13

Acrolein

Concen: 92.012 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 89380

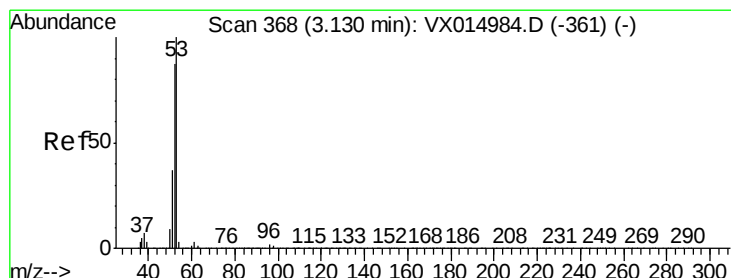
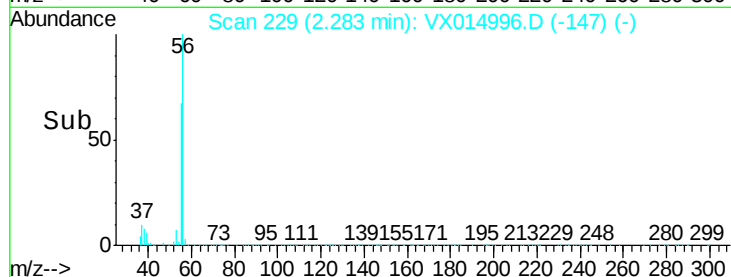
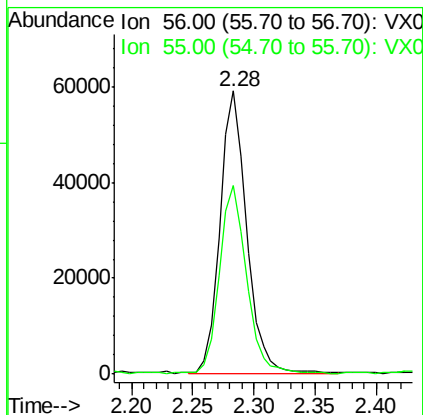
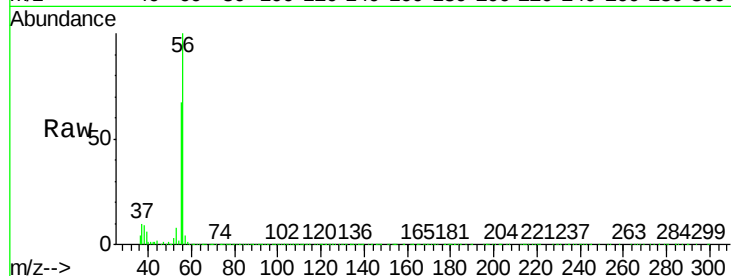
Ion Ratio Lower Upper

56 100

55 67.0 56.2 84.2

Manual Integrations
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#14

Acrylonitrile

Concen: 96.022 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

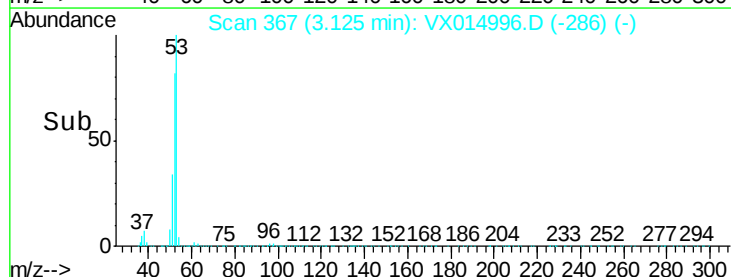
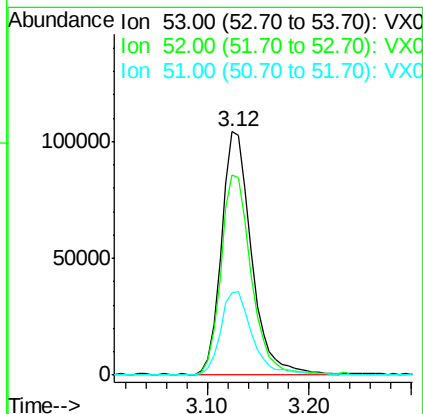
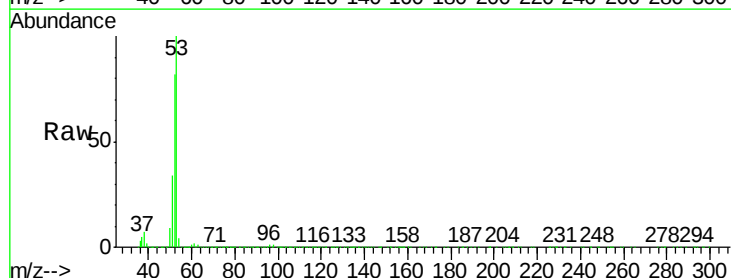
Tgt Ion: 53 Resp: 211805

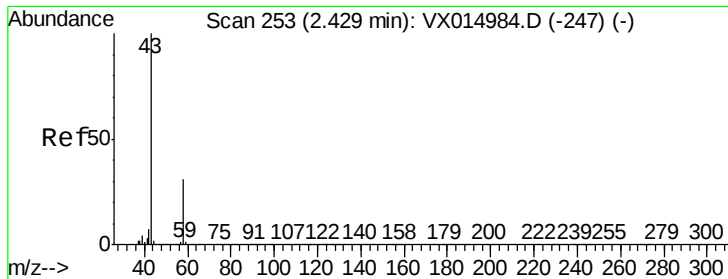
Ion Ratio Lower Upper

53 100

52 82.9 41.5 124.6

51 35.9 18.1 54.4





#15

Acetone

Concen: 85.665 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 67624

Ion Ratio Lower Upper

58 100

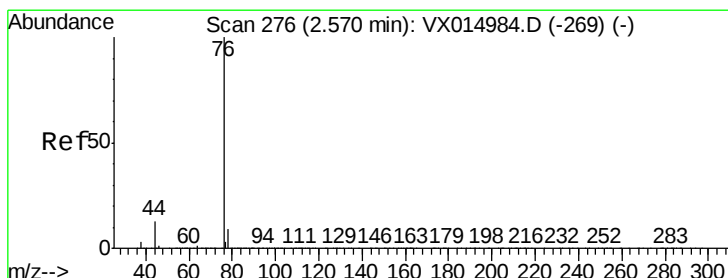
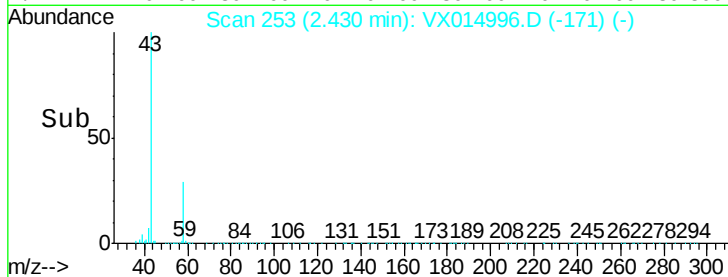
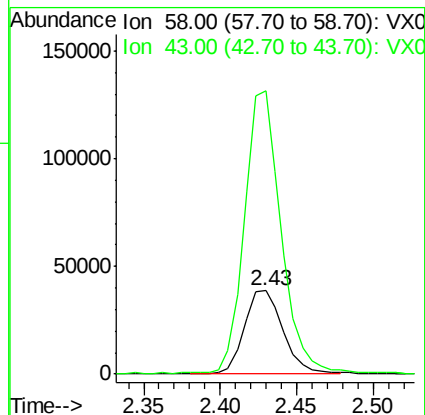
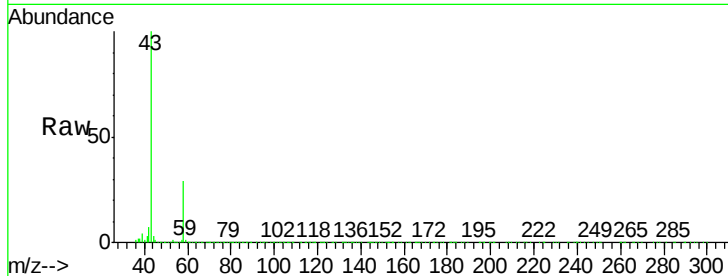
43 339.0 257.7 386.5

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.395 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014996.D

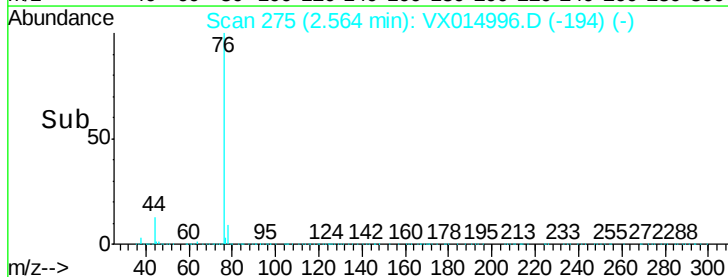
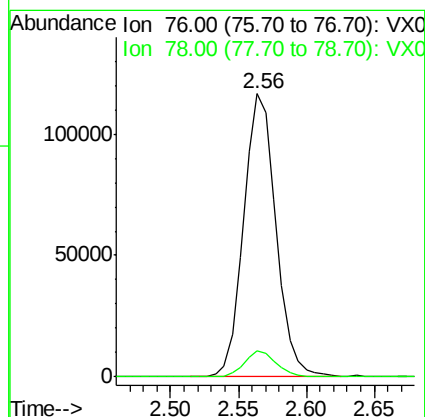
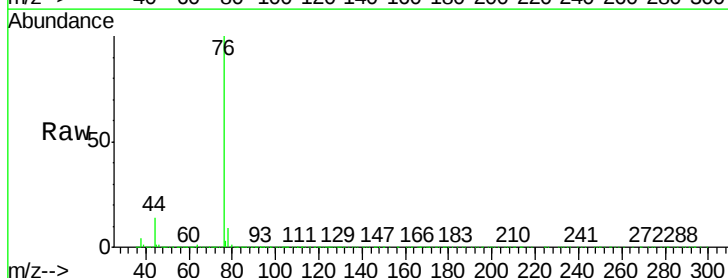
Acq: 21 Feb 2020 16:39

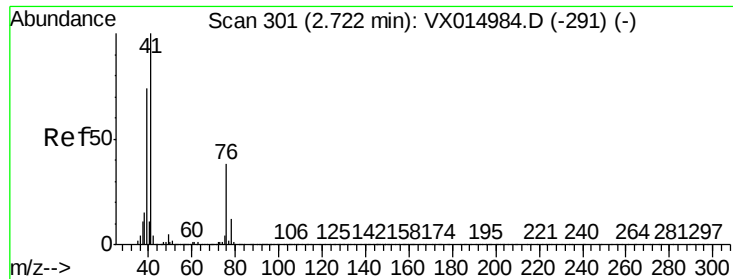
Tgt Ion: 76 Resp: 194137

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7





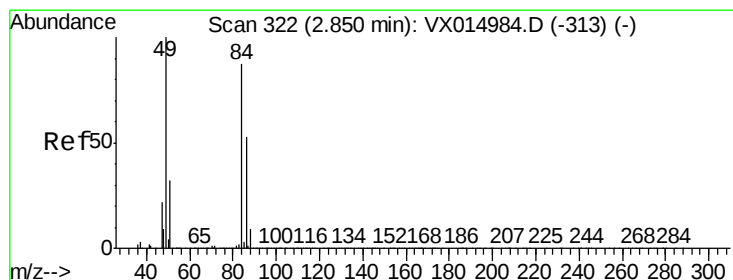
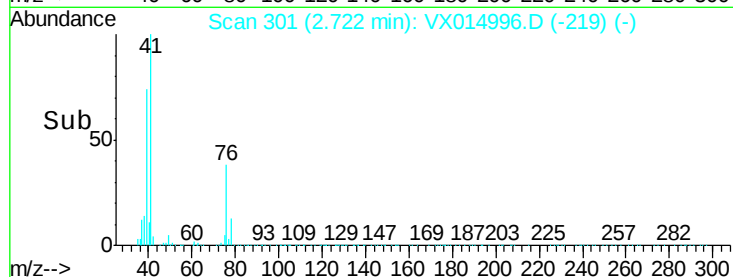
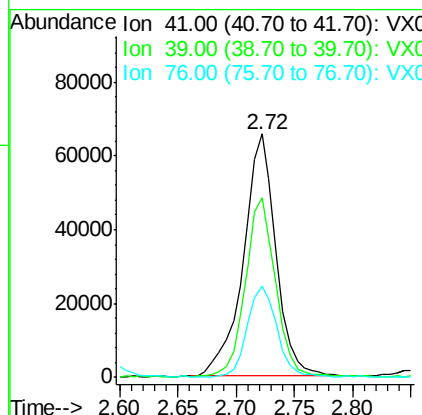
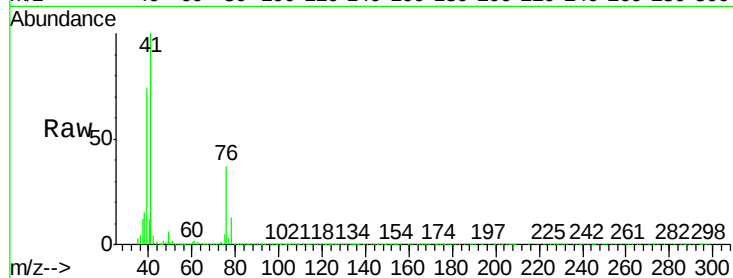
#17
Allvl chloride
Concen: 18.811 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	73.7	37.1	111.5
76	37.5	18.8	56.4

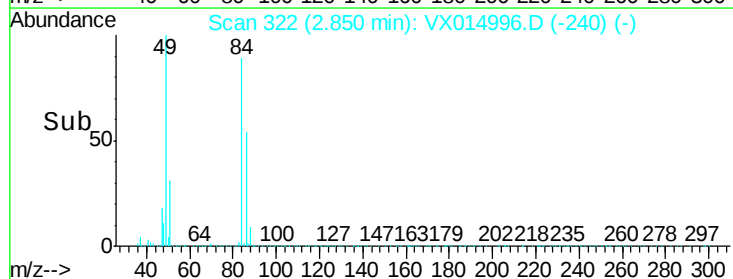
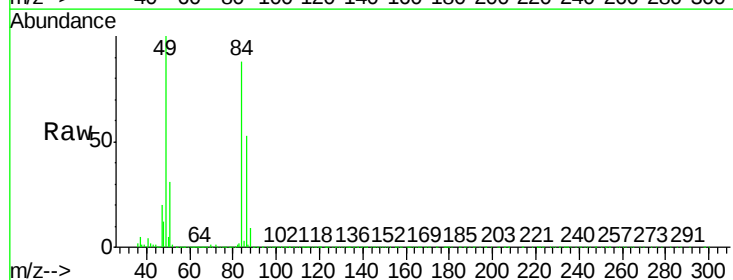
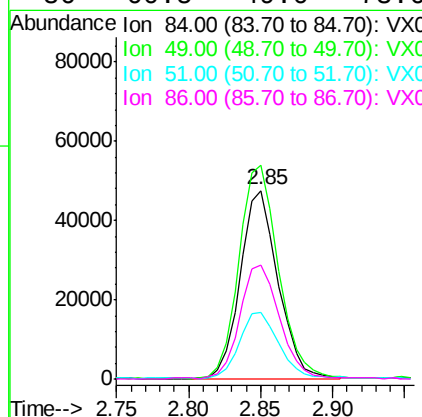
Manual Integrations
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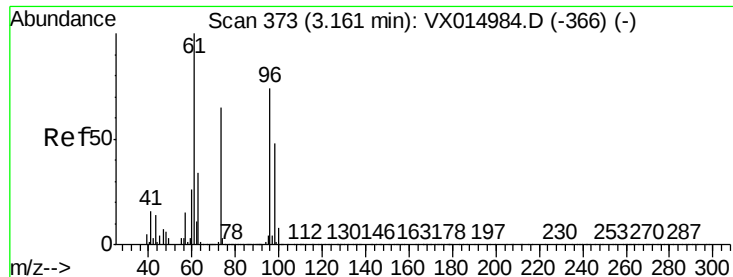
MMDadoda
2/24/2020 11:28:35 AM



#18
Methylene Chloride
Concen: 19.073 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.6	92.2	138.2
51	34.6	29.7	44.5
86	60.5	49.0	73.6





#19

trans-1,2-Dichloroethene

Concen: 19.140 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

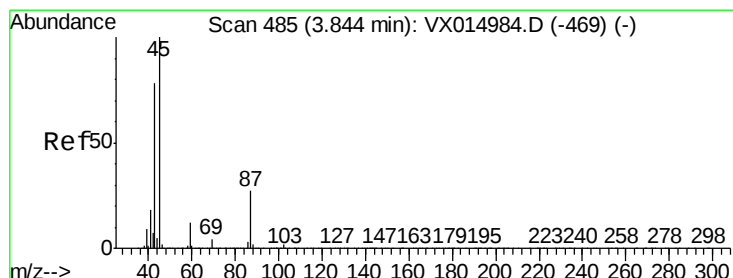
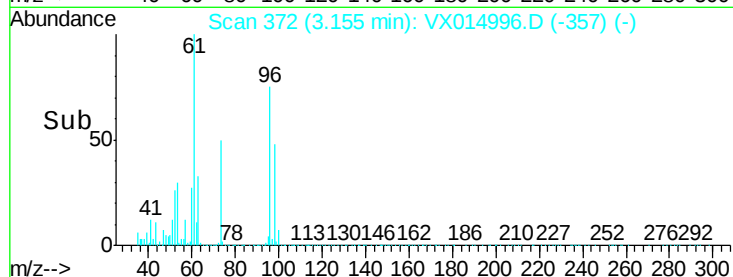
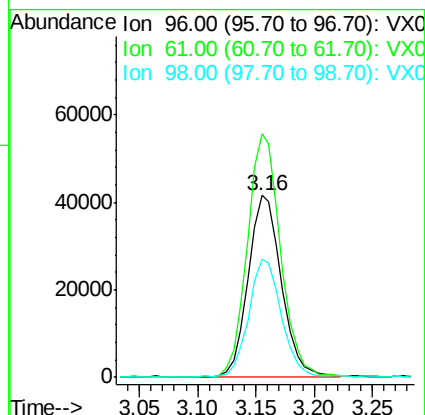
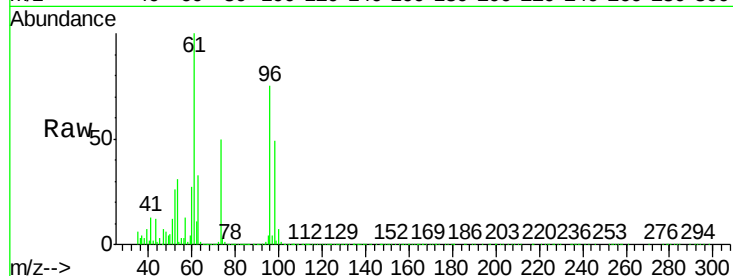
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	82516
Ion	Ratio	Lower	Upper
96	100		
61	133.4	107.1	160.7
98	64.7	51.4	77.2

Manual Integrations
APPROVED

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2/24/2020 11:28:35 AM



#20

Diisopropyl ether

Concen: 19.120 ug/l

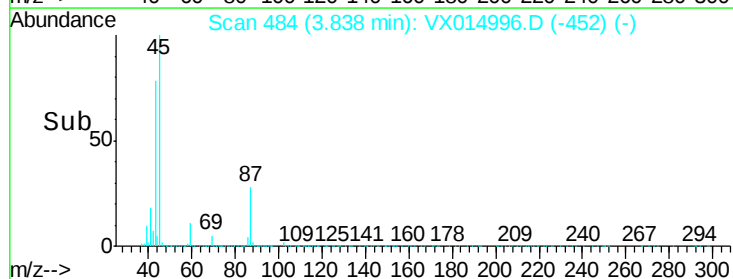
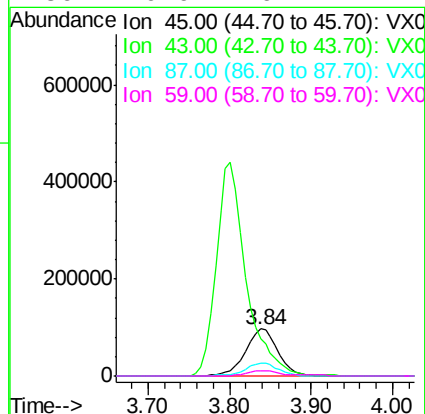
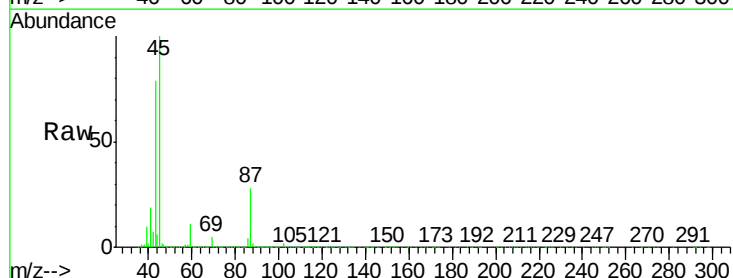
RT: 3.84 min Scan# 484

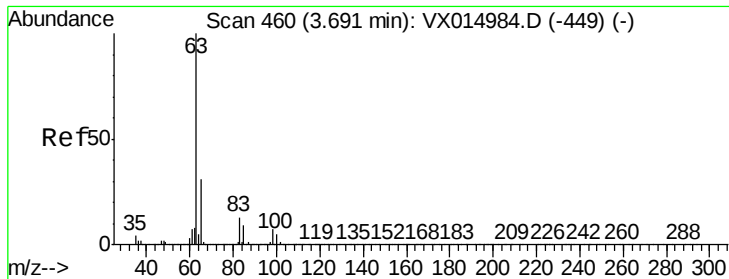
Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Tgt Ion:	45	Resp:	266614
Ion	Ratio	Lower	Upper
45	100		
43	77.5	62.3	93.5
87	27.8	21.8	32.6
59	10.9	9.4	14.2





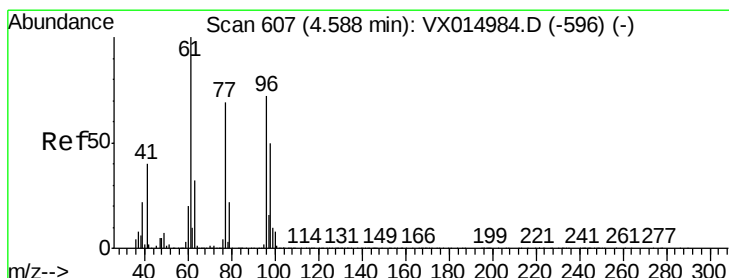
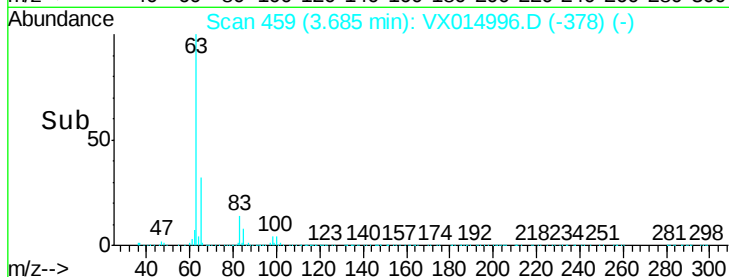
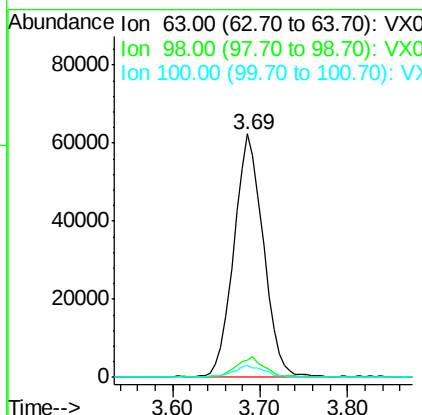
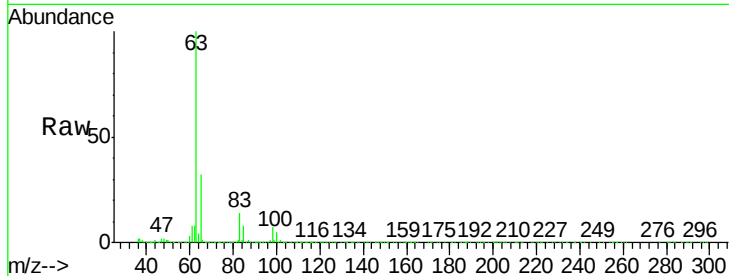
#21
1,1-Dichloroethane
Concen: 19.067 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
63	100				
98	6.7		3.5	10.5	
100	4.8		2.5	7.5	

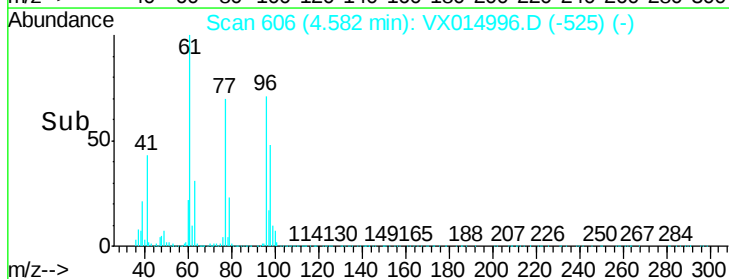
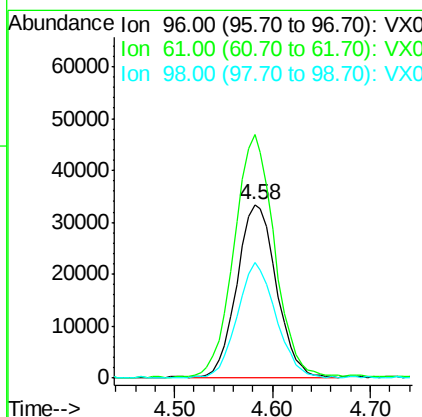
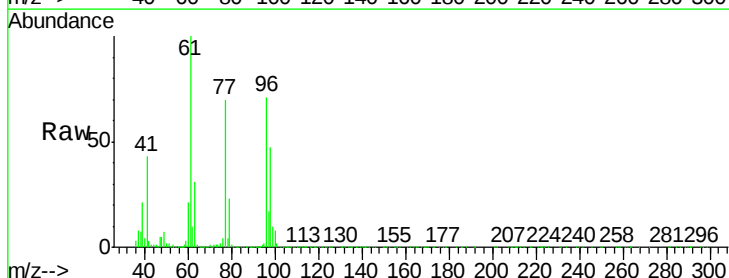
Manual Integrations
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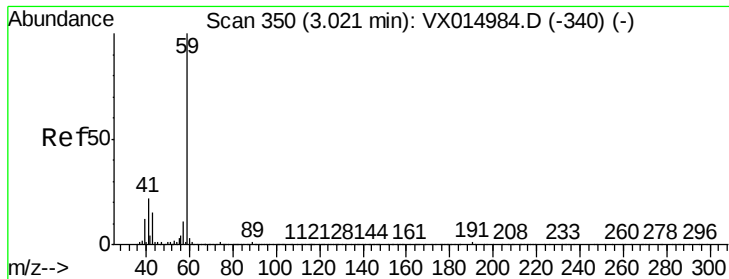
MMDadoda
2/24/2020 11:28:35 AM



#22
cis-1,2-Dichloroethene
Concen: 19.078 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	142.4		110.6	165.8	
98	64.7		50.4	75.6	





#23

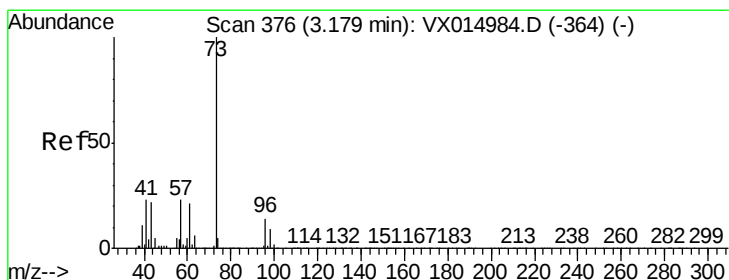
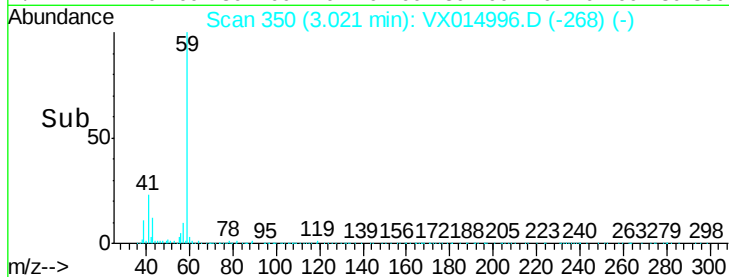
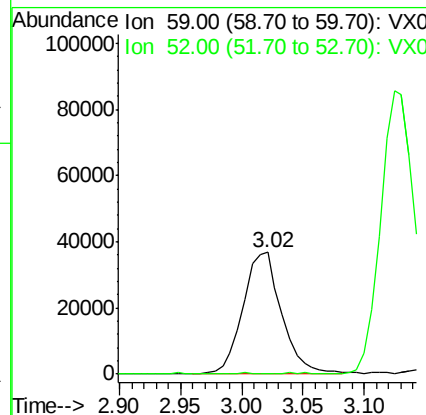
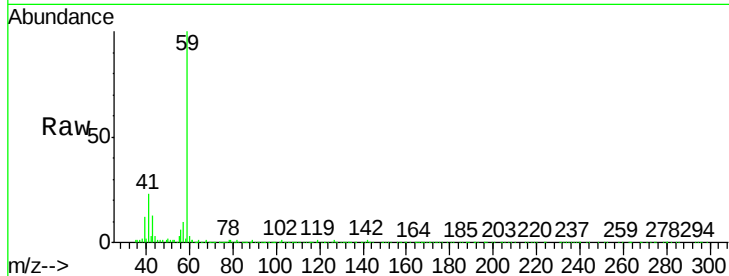
tert-Butyl Alcohol
Concen: 91.632 ug/l
RT: 3.02 min Scan# 350
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

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

Manual Integrations
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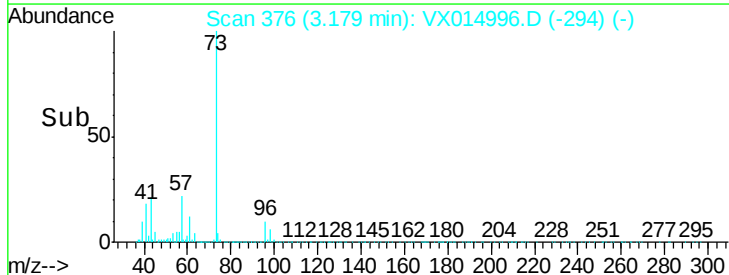
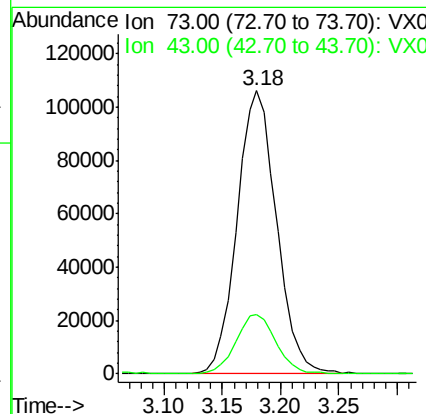
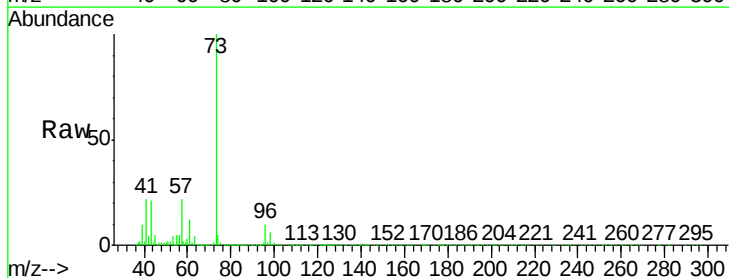
MMDadoda
2/24/2020 11:28:35 AM

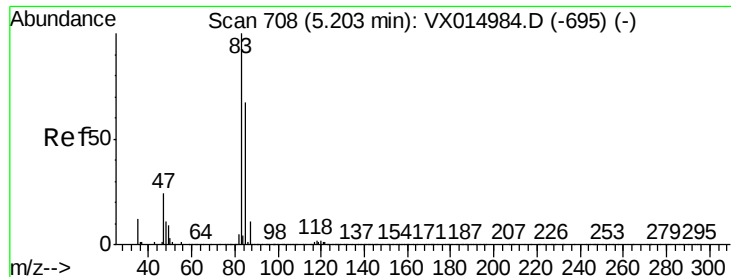


#24

Methyl tert-Butyl Ether
Concen: 19.058 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.2	17.7	26.5





#25

Chloroform

Concen: 19.216 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 148118

Ion Ratio Lower Upper

83 100

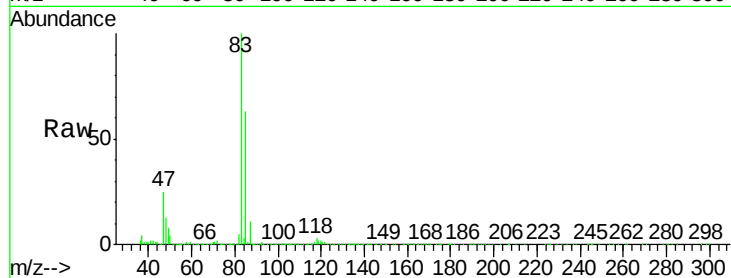
85 62.8 53.4 80.0

Manual Integrations

APPROVED

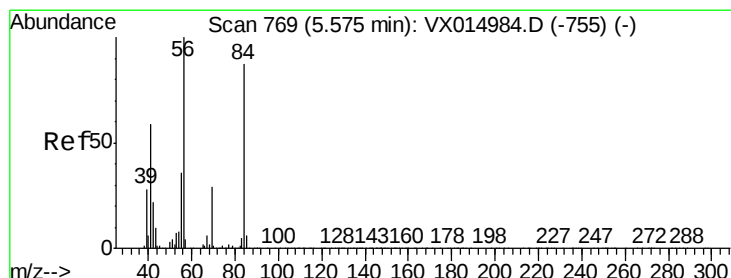
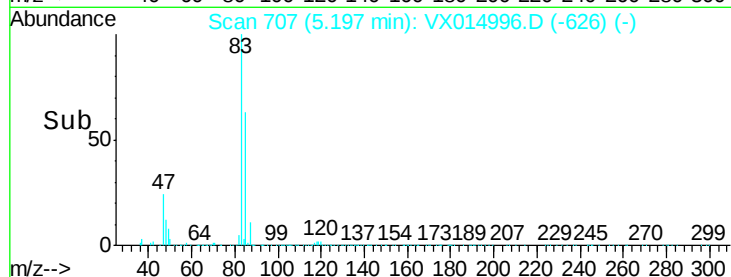
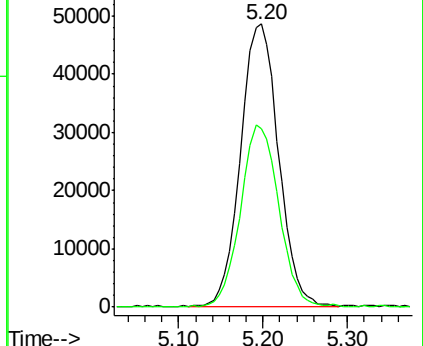
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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.708 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

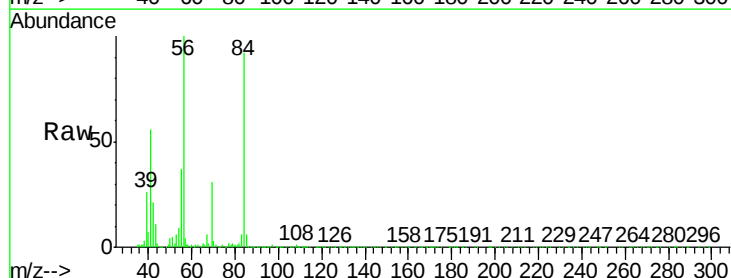
Tgt Ion: 56 Resp: 127810

Ion Ratio Lower Upper

56 100

89 0.0 0.2 0.2#

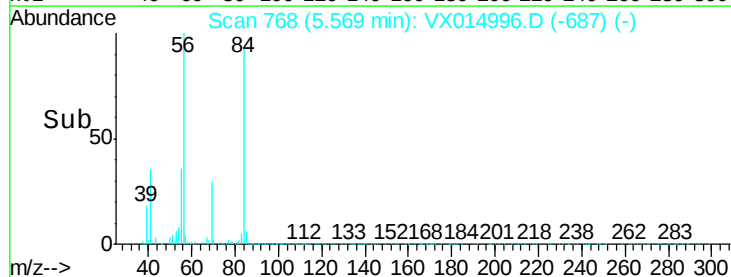
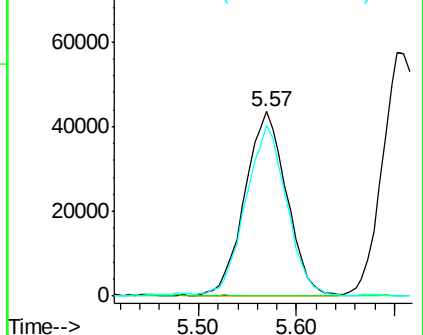
84 90.7 71.8 107.8

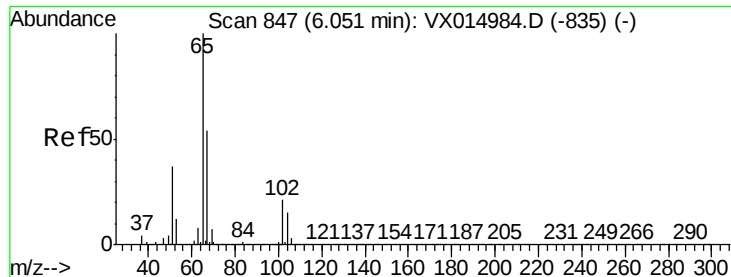


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.261 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 151923

Ion Ratio Lower Upper

65 100

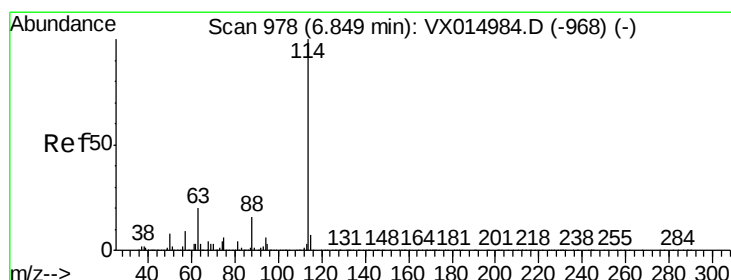
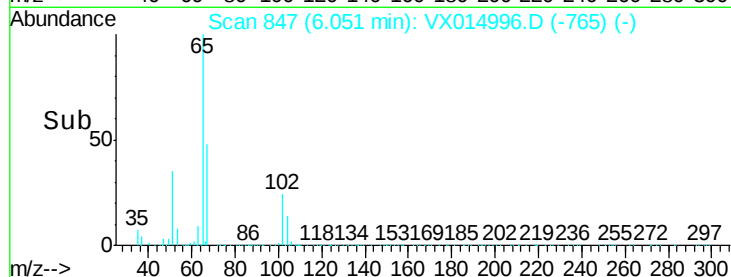
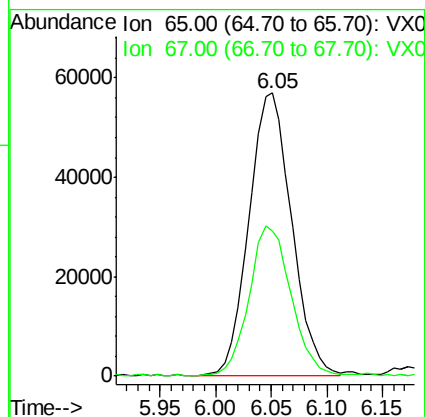
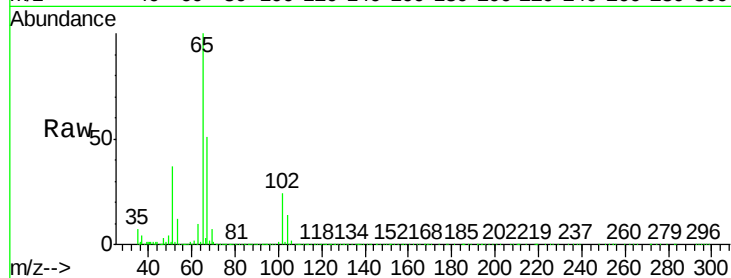
67 52.4 41.9 62.9

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

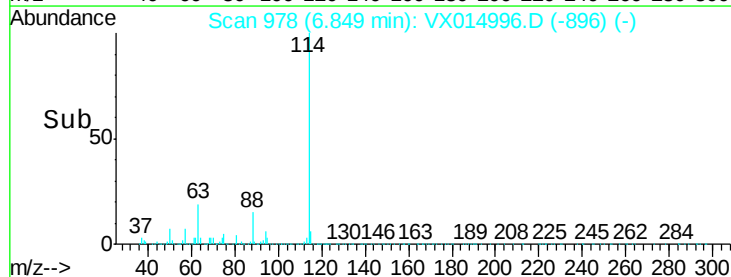
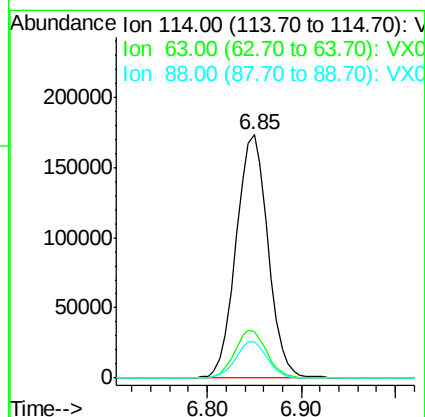
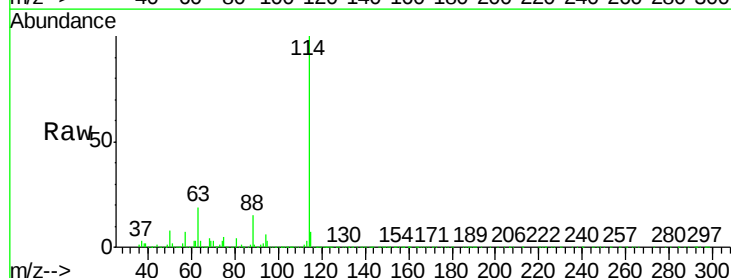
Tgt Ion: 114 Resp: 408243

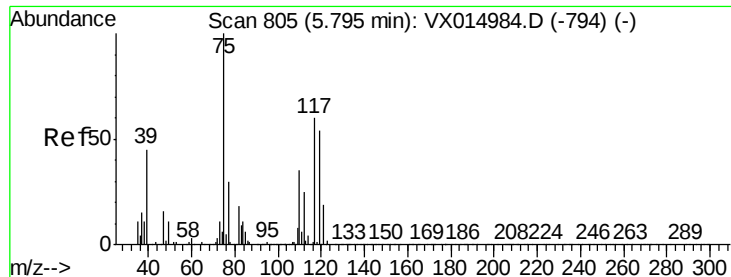
Ion Ratio Lower Upper

114 100

63 19.7 15.6 23.4

88 15.2 12.2 18.2





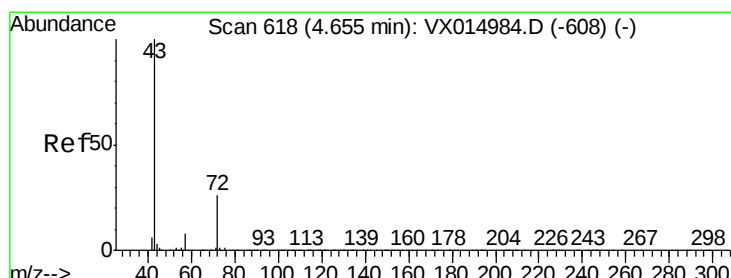
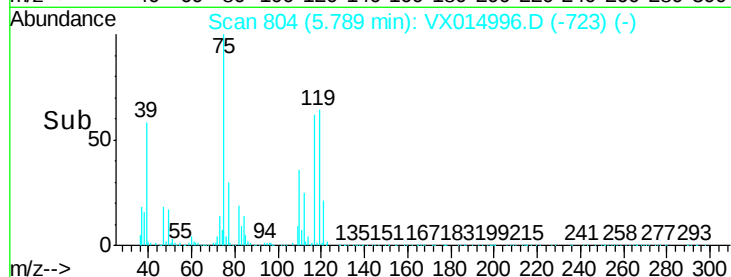
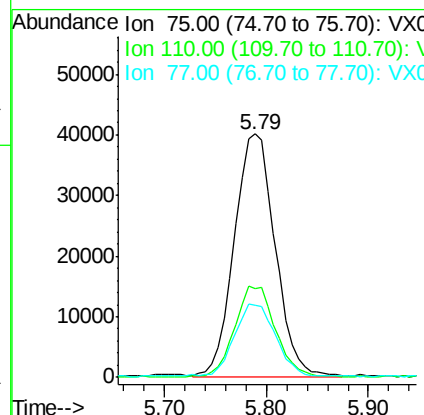
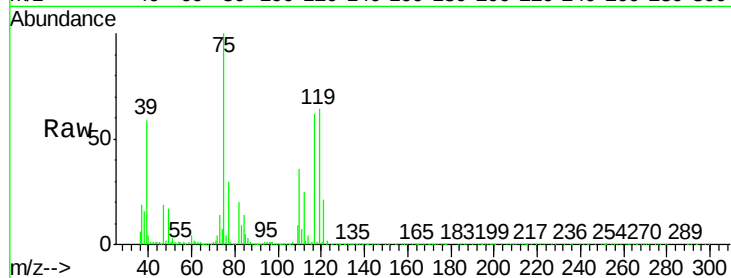
#29
1,1-Dichloropropene
Concen: 19.247 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	37.9	0.0	75.0
77	30.0	0.0	64.0

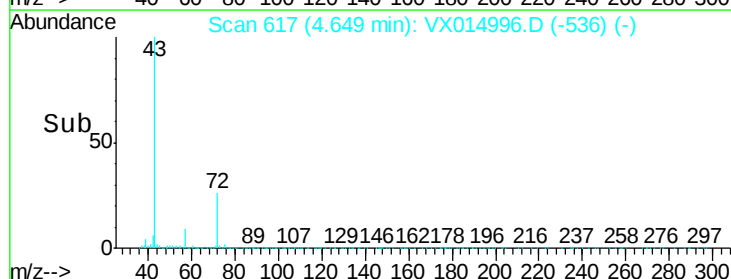
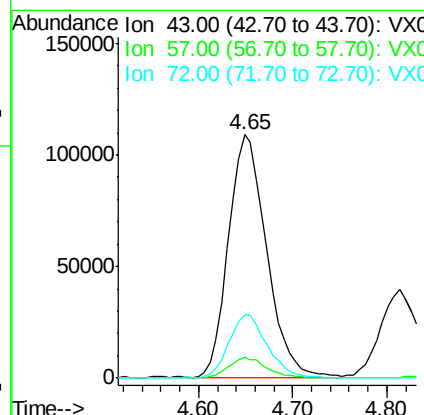
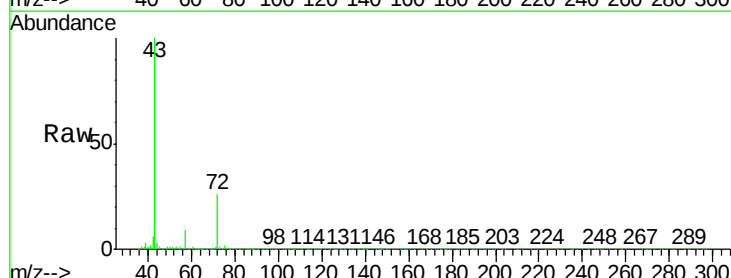
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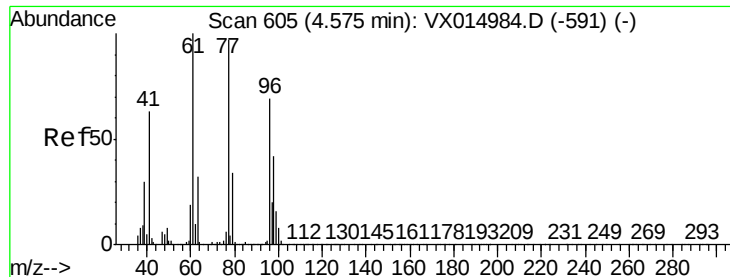
MMDadoda
2/24/2020 11:28:35 AM



#30
2-Butanone
Concen: 91.512 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.0	6.5	9.7
72	26.3	20.3	30.5





#31

2,2-Dichloropropane

Concen: 18.822 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 119342

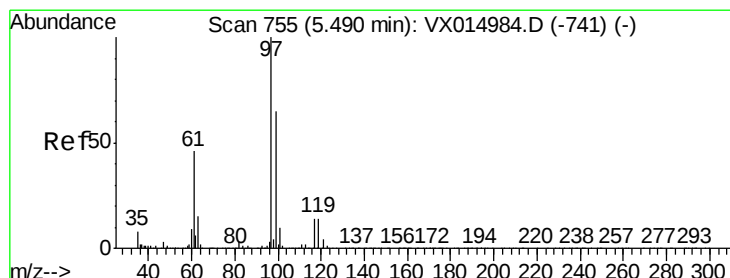
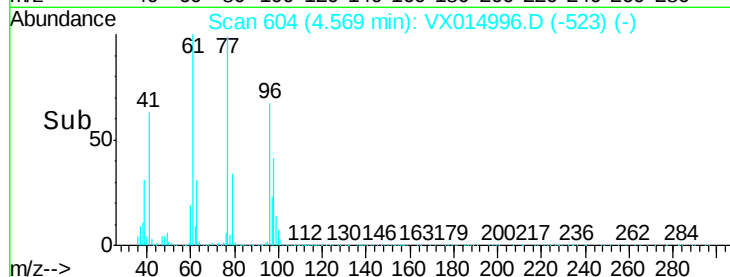
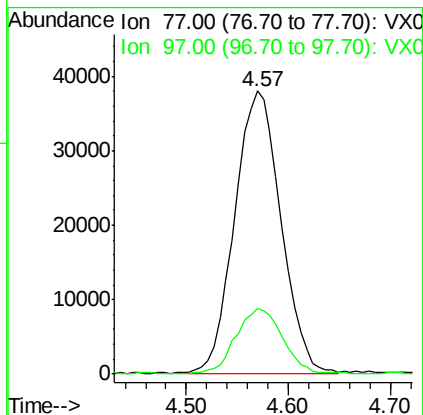
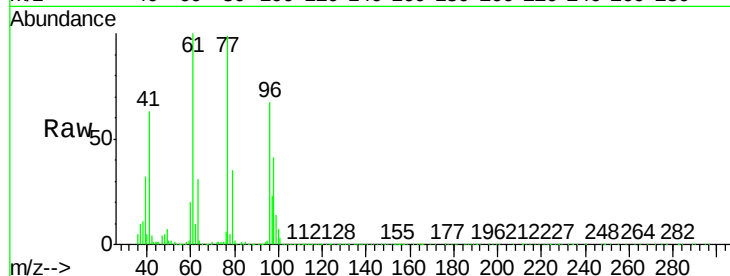
Ion Ratio Lower Upper

77 100

97 23.5 18.4 27.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.715 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

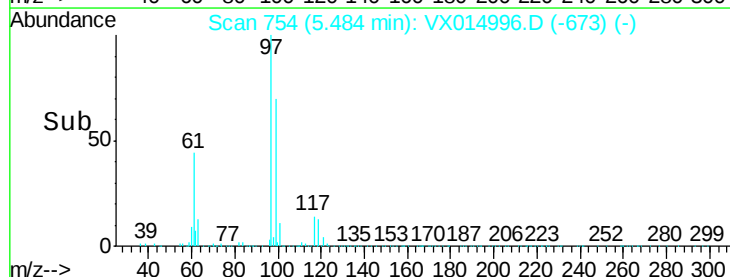
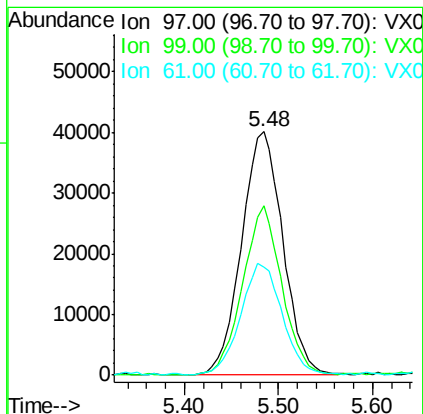
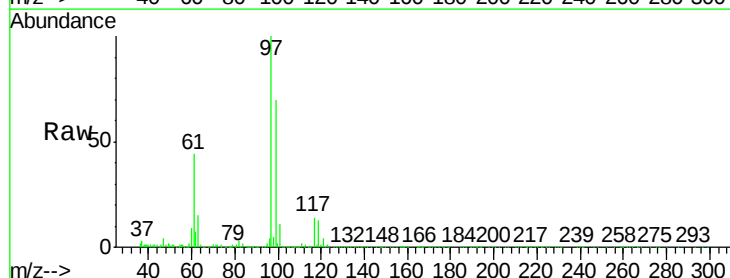
Tgt Ion: 97 Resp: 122723

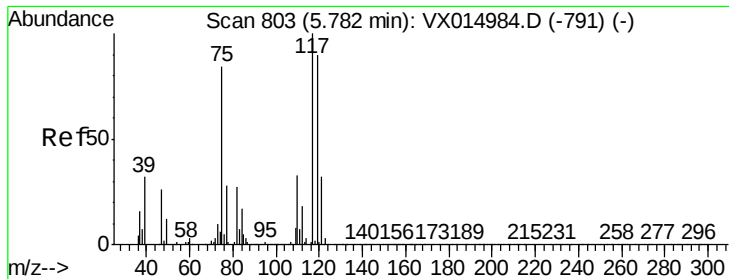
Ion Ratio Lower Upper

97 100

99 65.8 53.0 79.6

61 45.8 36.2 54.2





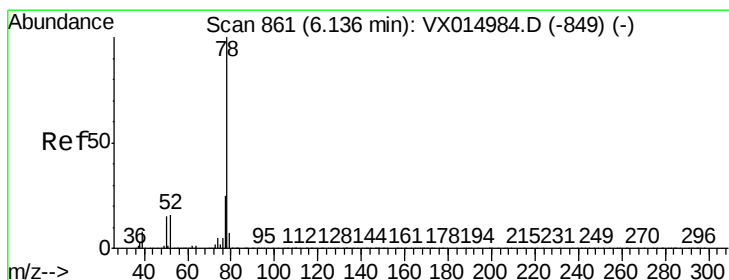
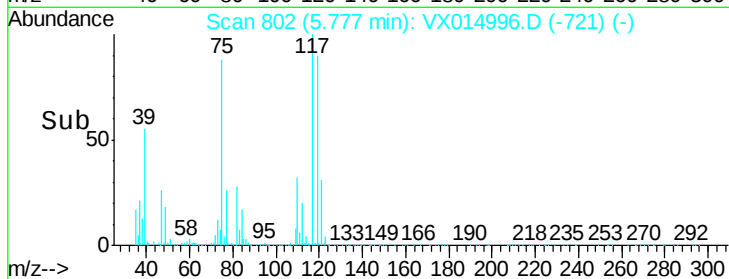
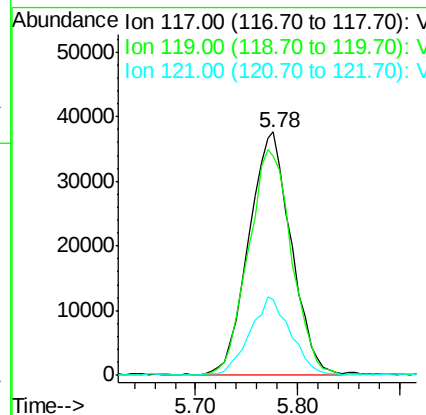
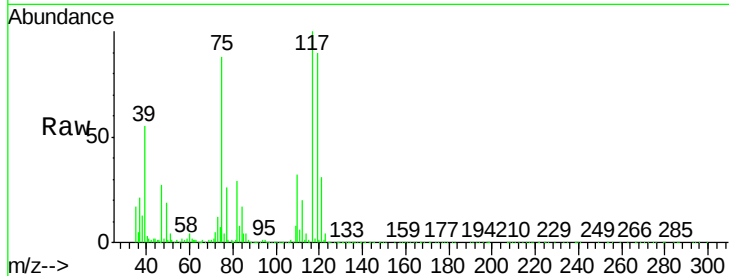
#33
Carbon Tetrachloride
Concen: 18.920 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	90.1	71.9	107.9
121	31.0	25.4	38.2

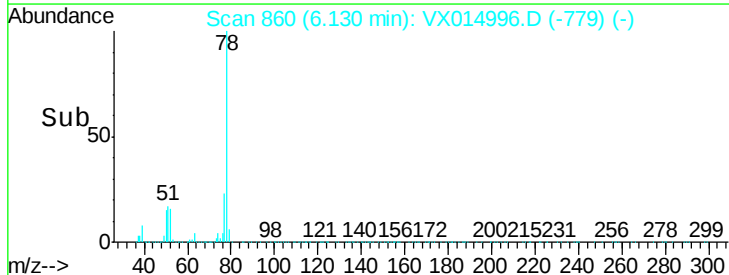
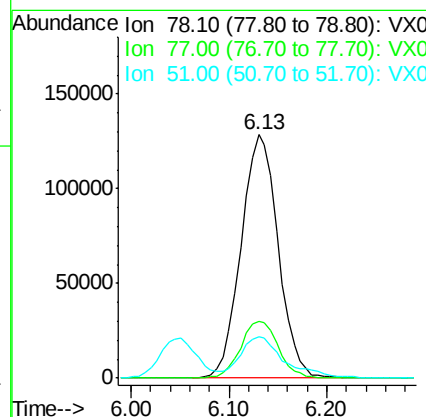
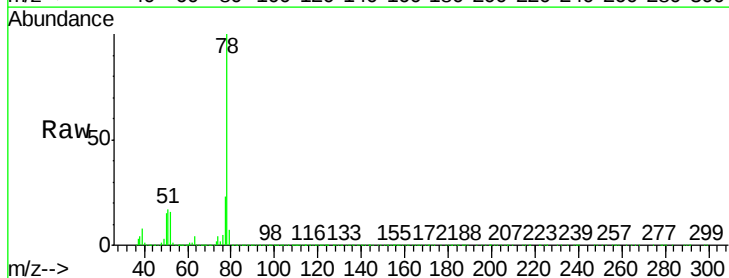
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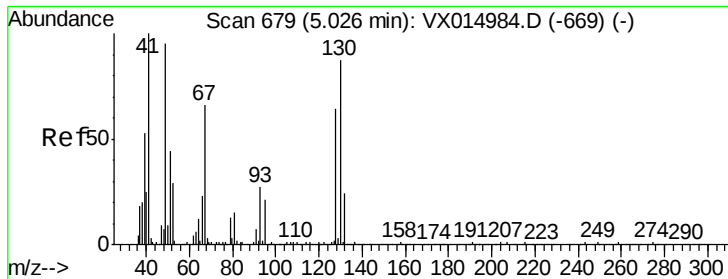
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#34
Benzene
Concen: 19.348 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	20.0	30.0
51	16.6	13.3	19.9





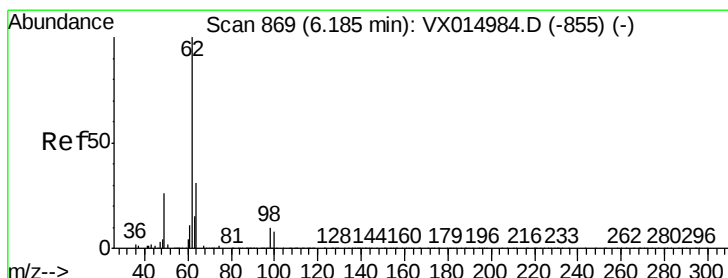
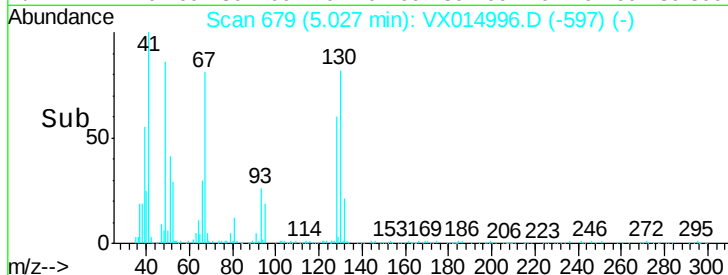
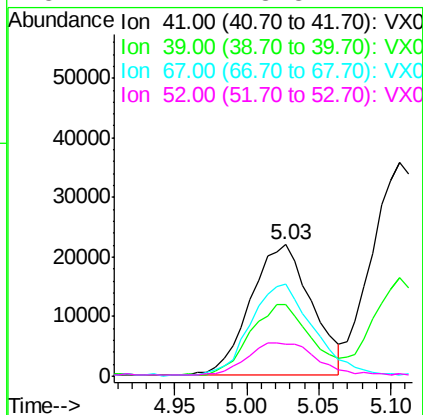
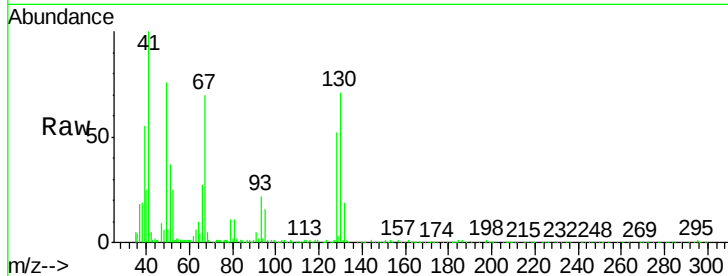
#35
Methacrylonitrile
Concen: 18.923 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.9	25.9	77.7
67	69.4	32.7	98.1
52	24.1	13.8	41.4

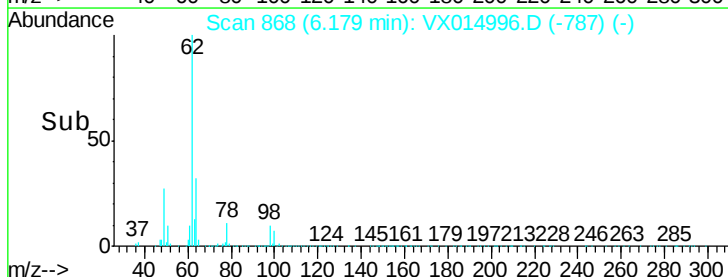
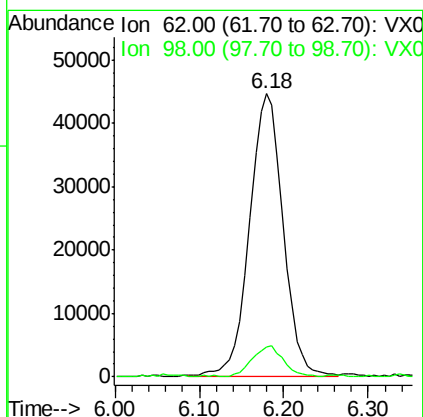
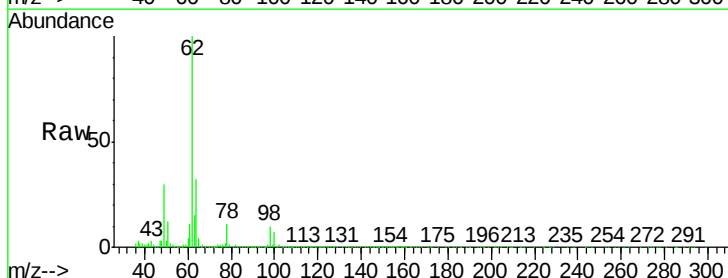
Manual Integrations
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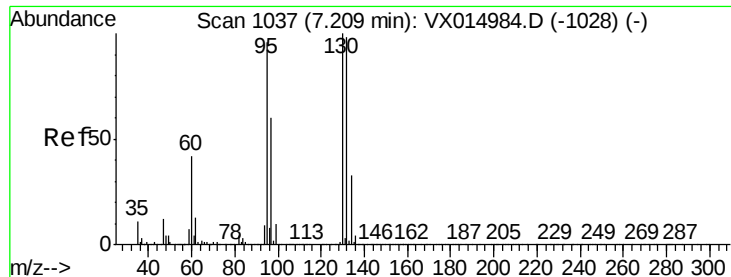
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#36
1,2-Dichloroethane
Concen: 19.586 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	7.5	11.3





#37

Trichloroethene

Concen: 19.112 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 93500

Ion Ratio Lower Upper

130 100

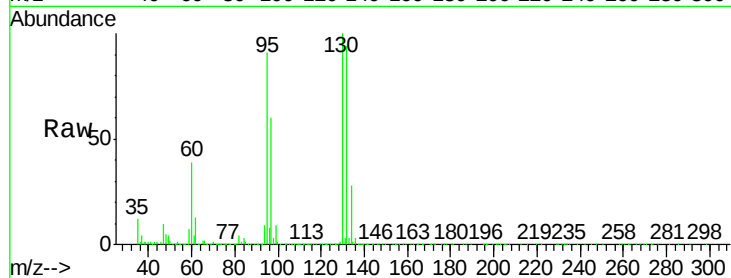
95 90.4 77.1 115.7

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

50000

40000

30000

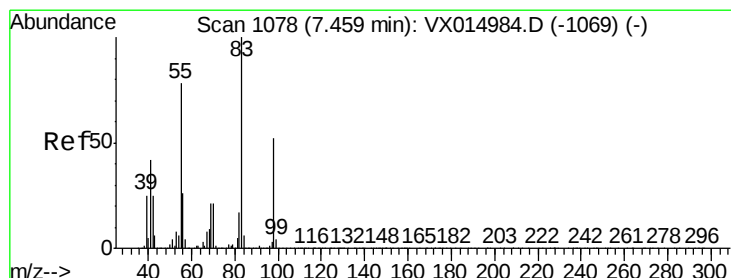
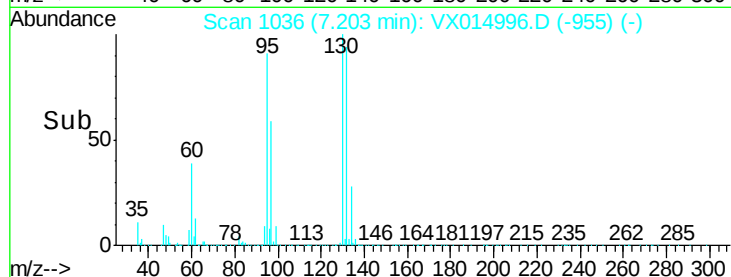
20000

10000

0

Time-->

7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 19.406 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

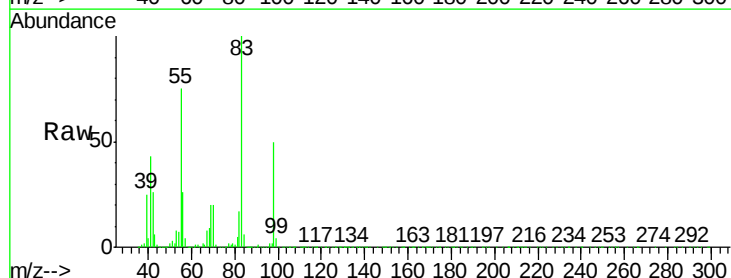
Tgt Ion: 83 Resp: 138899

Ion Ratio Lower Upper

83 100

55 75.7 38.2 114.6

98 50.2 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

7.45

80000

60000

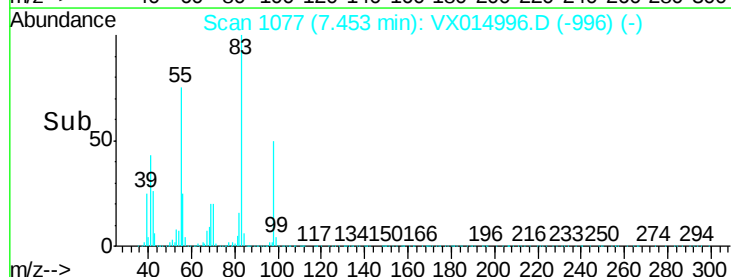
40000

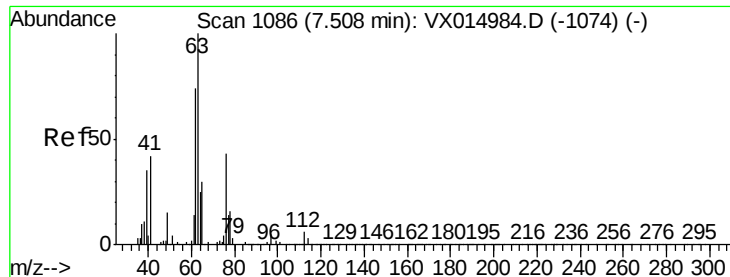
20000

0

Time-->

7.35 7.40 7.45 7.50 7.55





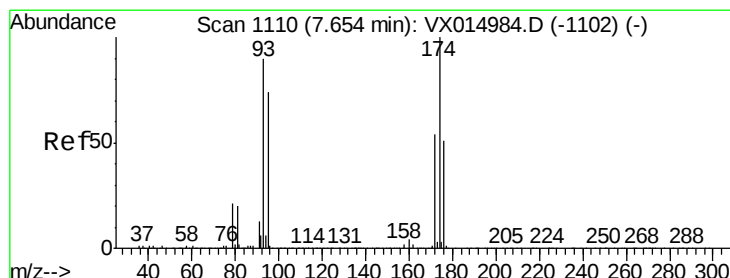
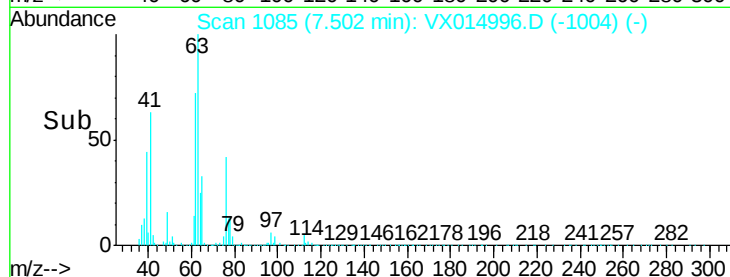
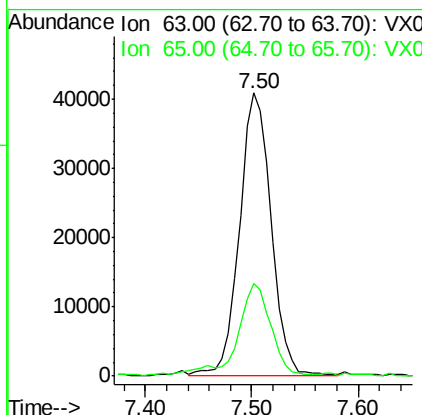
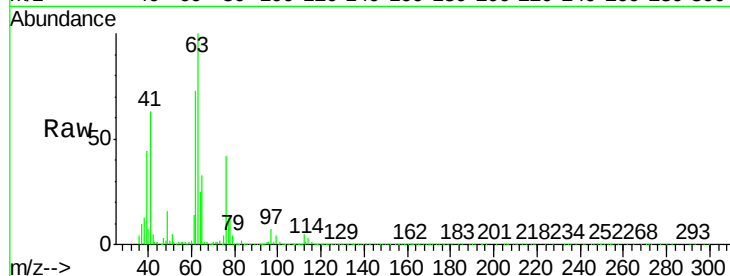
#39
 1,2-Dichloropropane
 Concen: 19.010 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.7	24.6	36.8

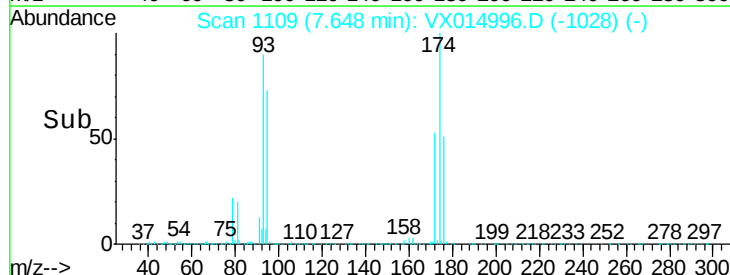
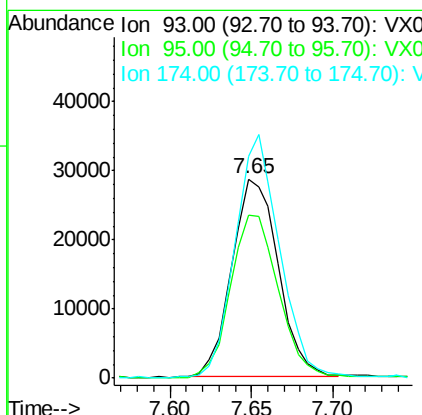
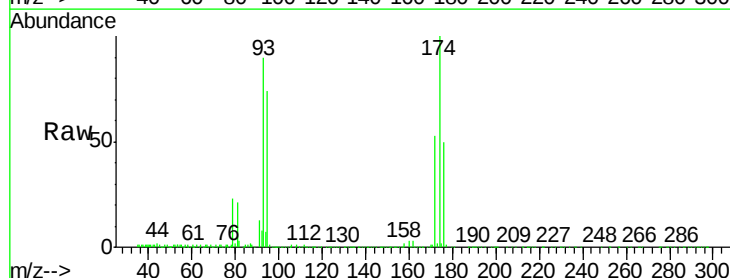
Manual Integrations
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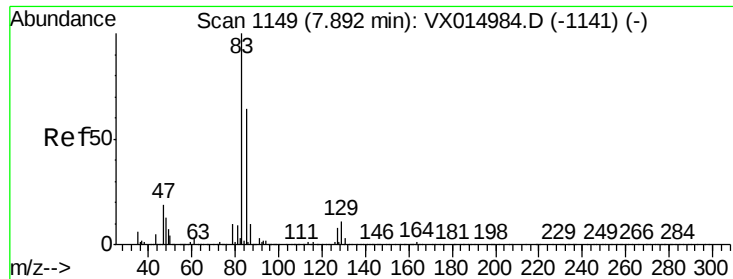
MMDadoda
 2/24/2020 11:28:35 AM



#40
 Dibromomethane
 Concen: 19.054 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.2	0.0	164.6
174	117.8	0.0	226.4





#41

Bromodichloromethane

Concen: 18.826 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

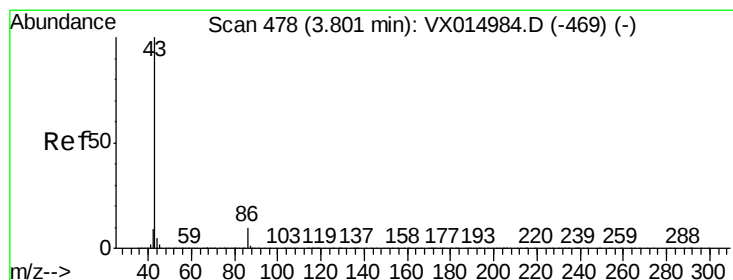
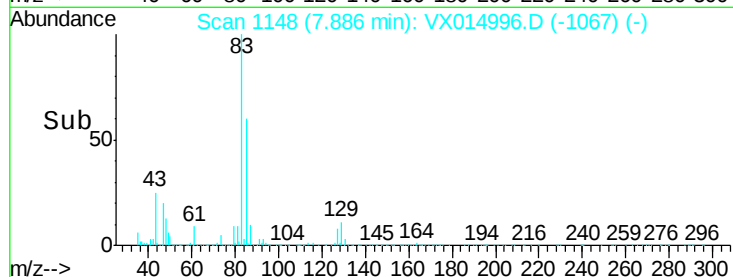
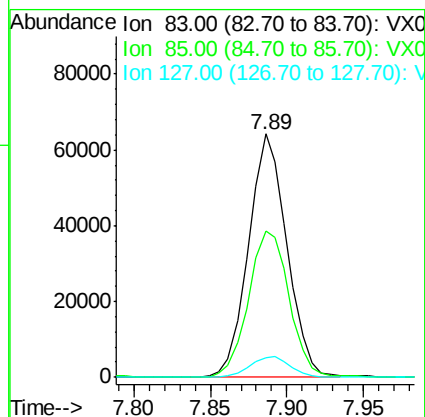
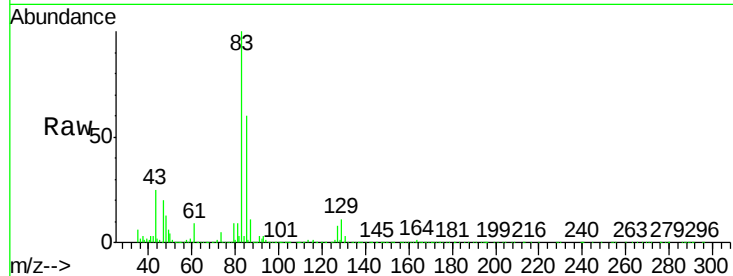
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	111373
Ion Ratio	Lower	Upper	
83	100		
85	59.7	51.0	76.4
127	8.1	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 95.854 ug/l

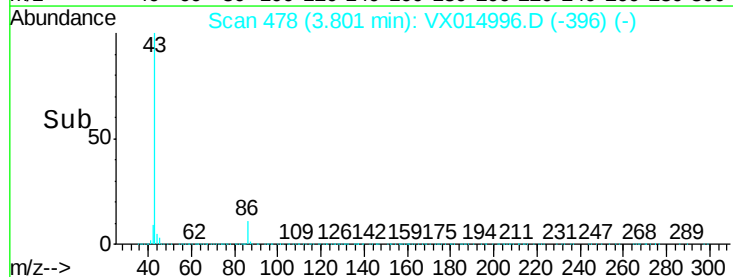
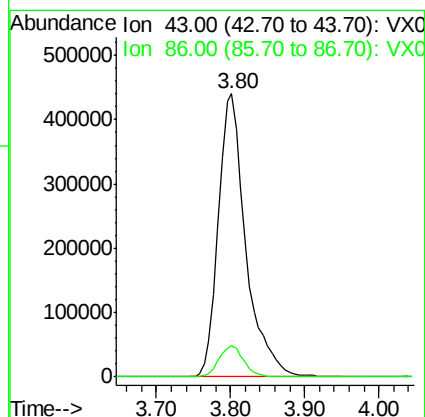
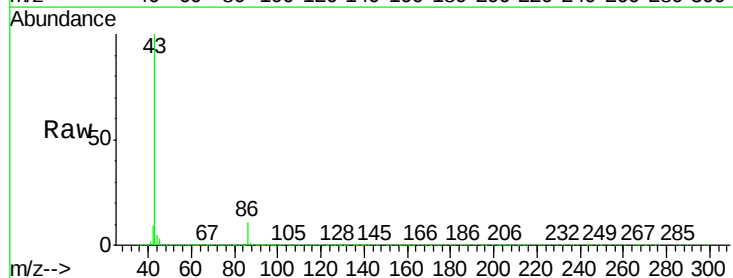
RT: 3.80 min Scan# 478

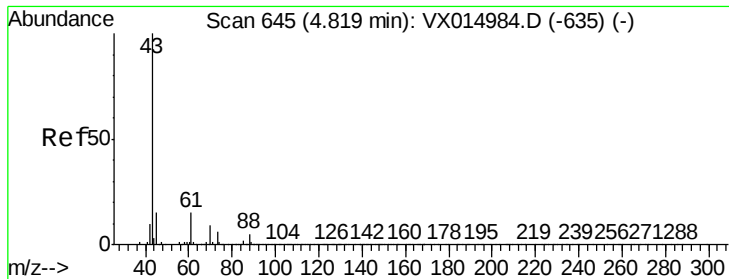
Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Tgt Ion:	43	Resp:	1124500
Ion Ratio	Lower	Upper	
43	100		
86	10.0	7.6	11.4





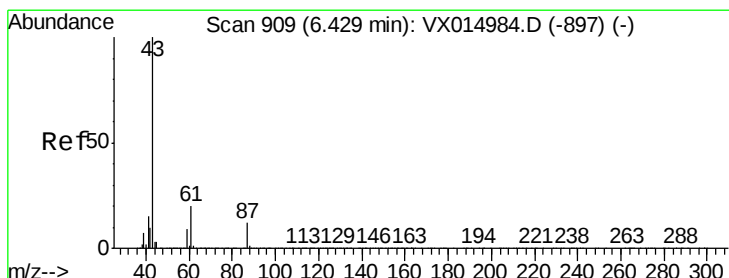
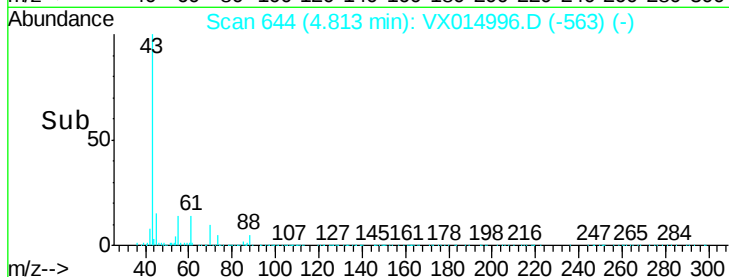
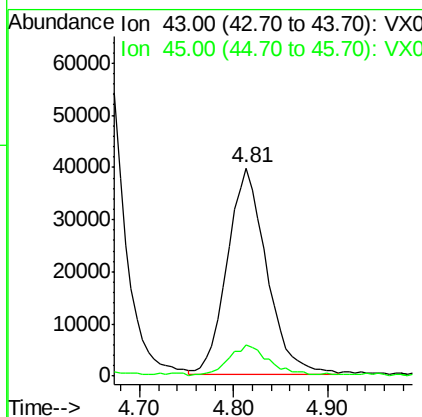
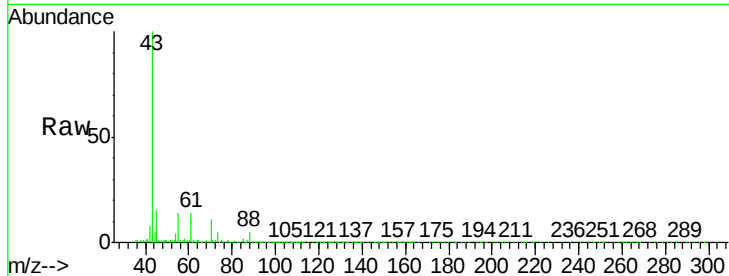
#43
Ethyl Acetate
Concen: 19.196 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	Ratio	Lower	Upper
115762	100			
45	14.1	10.8	16.2	

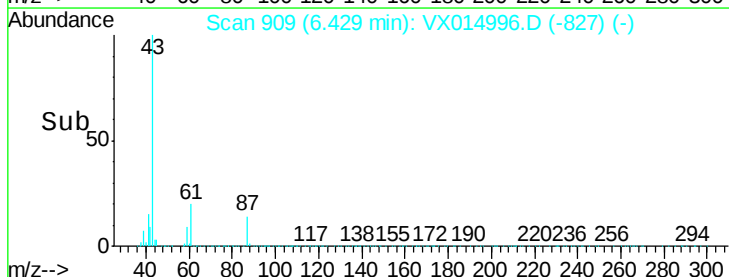
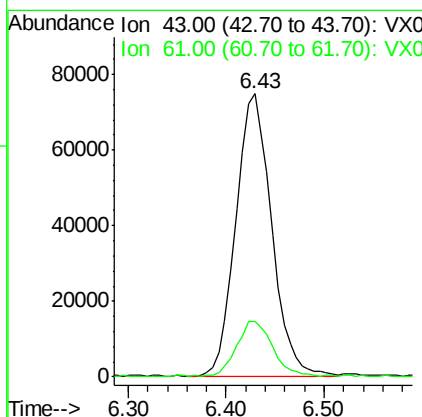
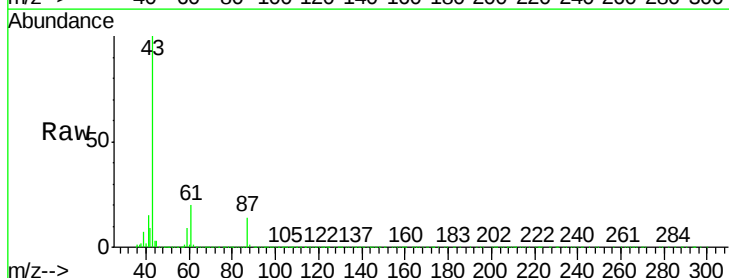
Manual Integrations
APPROVED

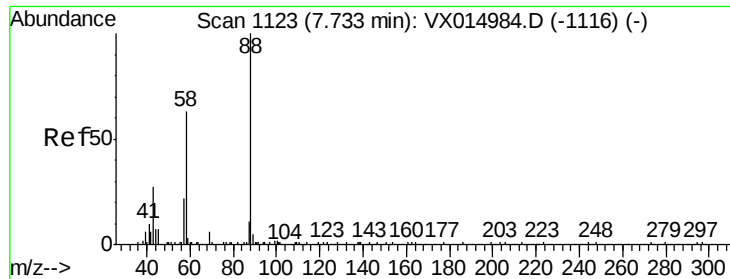
MMDadoda
2/24/2020 11:28:35 AM



#44
Isopropyl Acetate
Concen: 18.717 ug/l
RT: 6.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	43	Ratio	Lower	Upper
189750	100			
61	19.5	15.6	23.4	





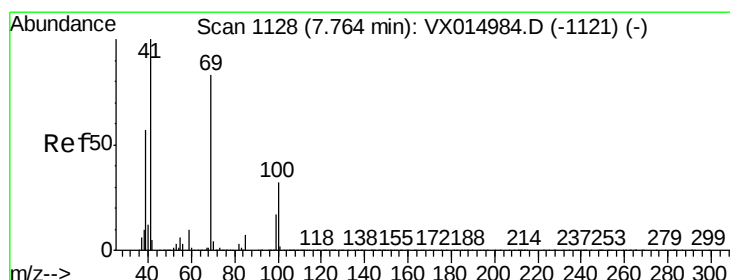
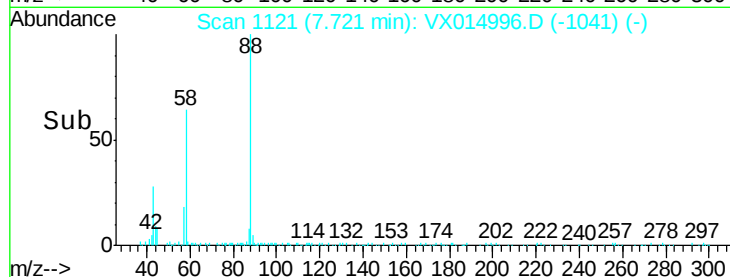
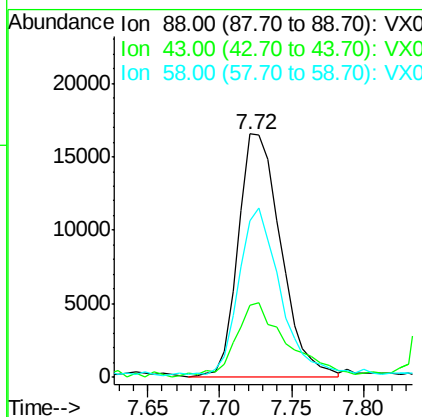
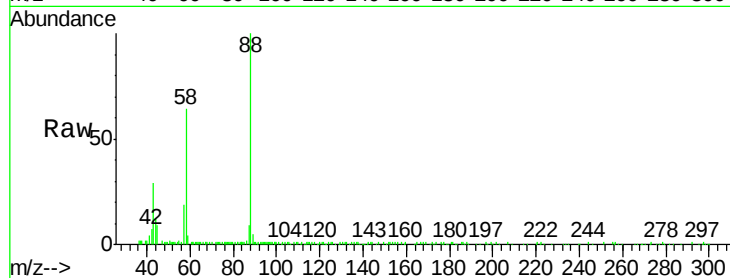
#45
1,4-Dioxane
Concen: 365.430 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.9	25.4	38.2
58	67.1	55.8	83.8

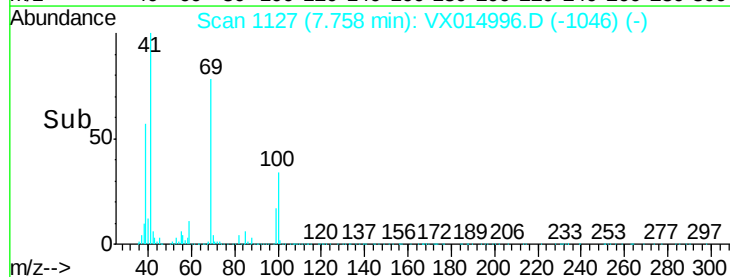
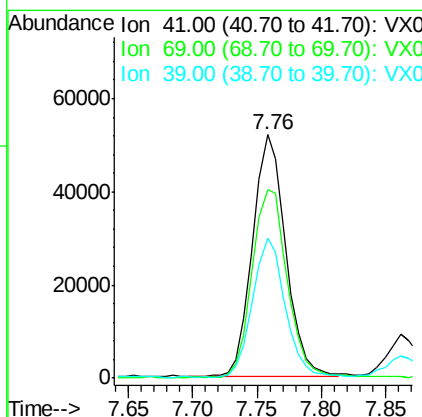
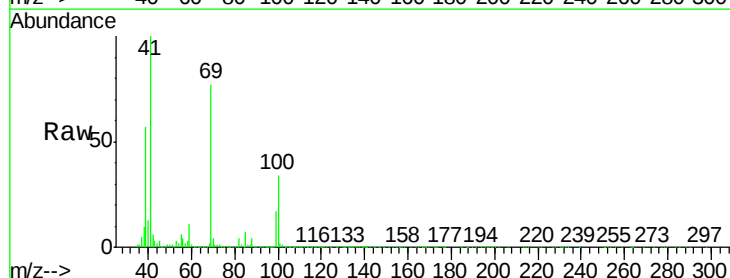
Manual Integrations
APPROVED

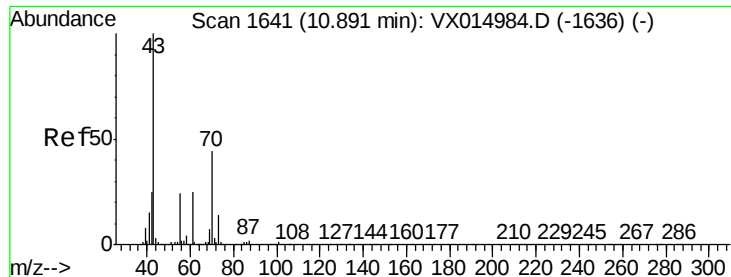
MMDadoda
2/24/2020 11:28:35 AM



#46
Methyl methacrylate
Concen: 18.478 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.5	41.4	124.2
39	57.0	28.3	84.9





#47

n-amvl Acetate

Concen: 18.158 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 159471

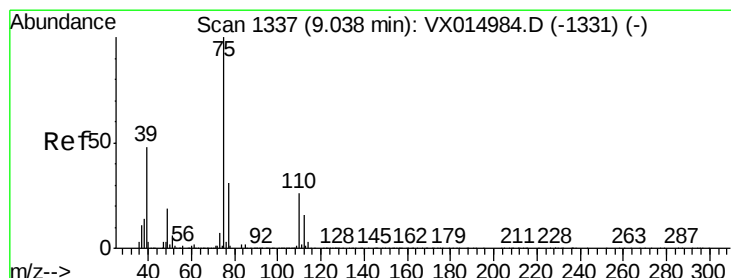
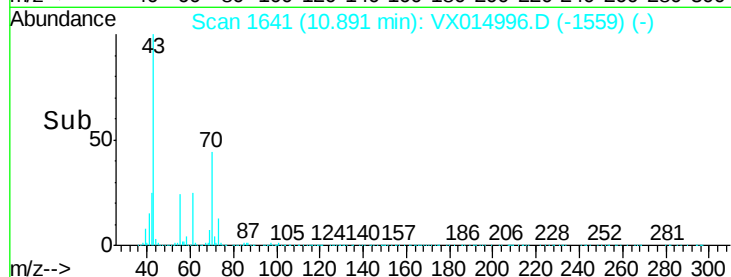
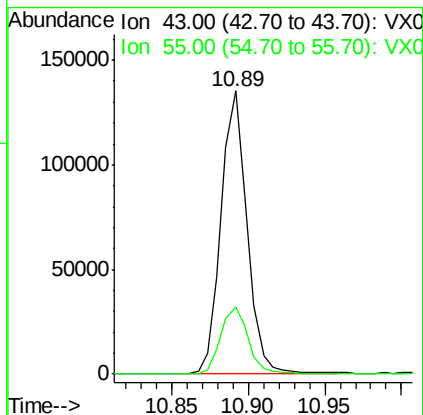
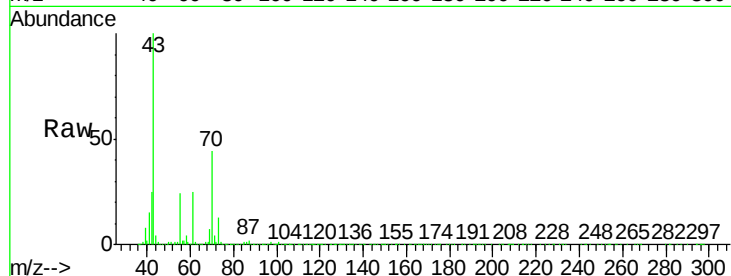
Ion Ratio Lower Upper

43 100

55 24.7 19.2 28.8

Manual Integrations
APPROVED

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#48

t-1,3-Dichloropropene

Concen: 18.465 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014996.D

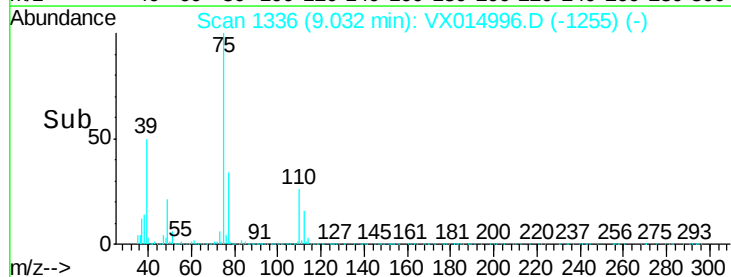
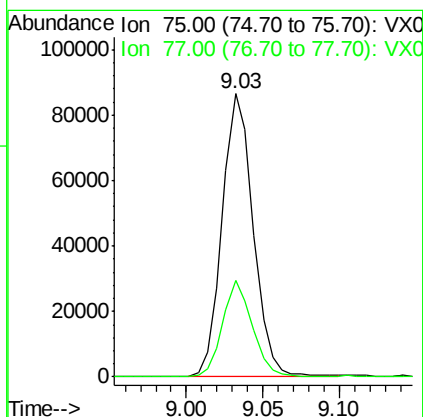
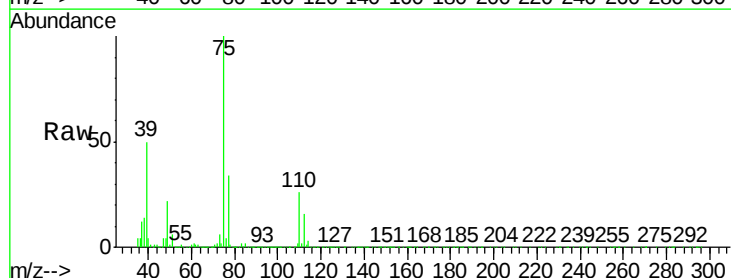
Acq: 21 Feb 2020 16:39

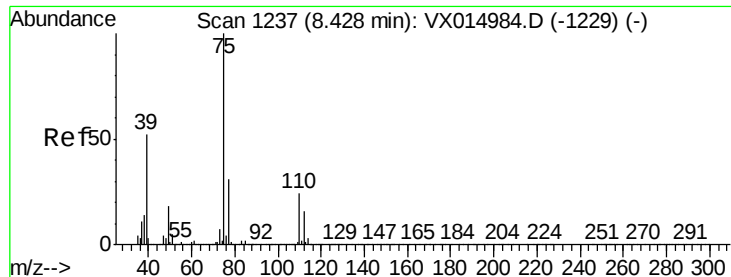
Tgt Ion: 75 Resp: 121196

Ion Ratio Lower Upper

75 100

77 34.1 24.6 36.8





#49

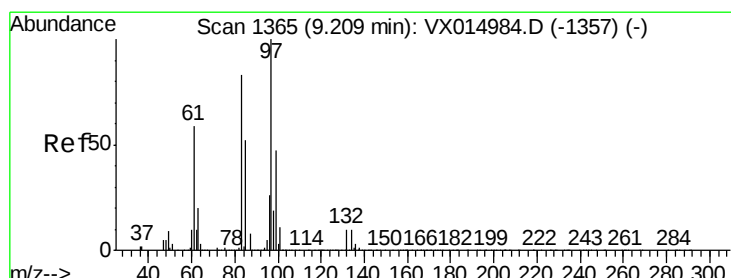
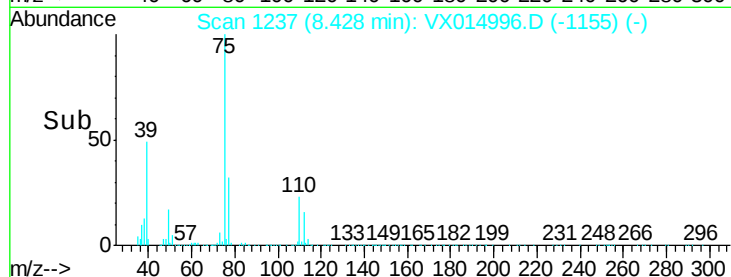
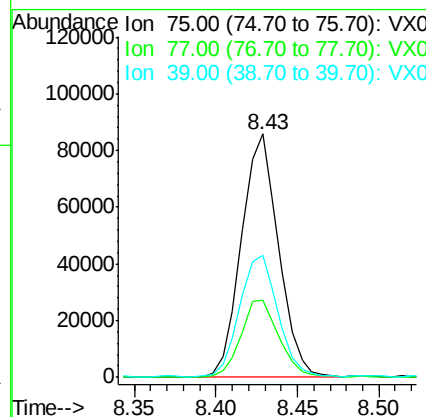
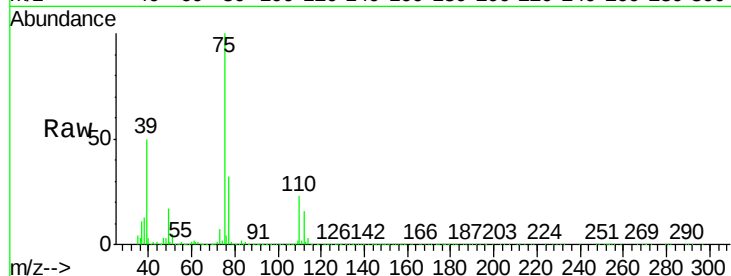
cis-1,3-Dichloropropene
Concen: 18.895 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.6	36.8
39	49.6	41.5	62.3

Manual Integrations
APPROVED

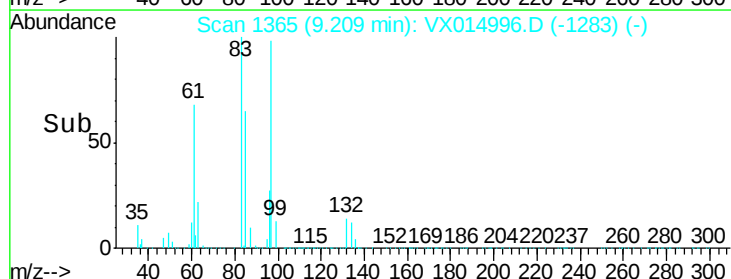
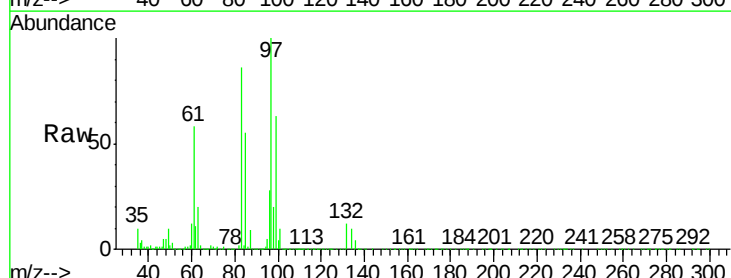
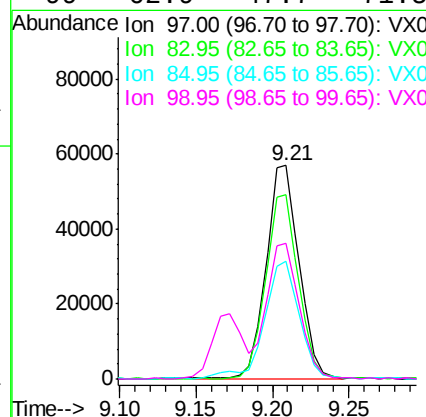
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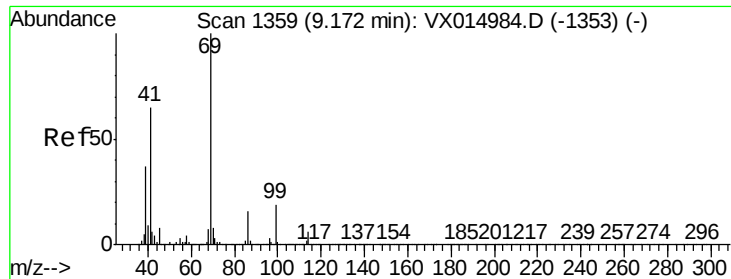


#50

1,1,2-Trichloroethane
Concen: 19.050 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	66.2	99.2
85	55.2	42.4	63.6
99	62.9	47.7	71.5





#51

Ethyl methacrylate

Concen: 18.657 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

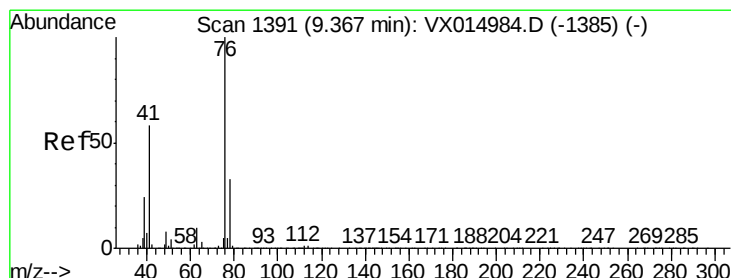
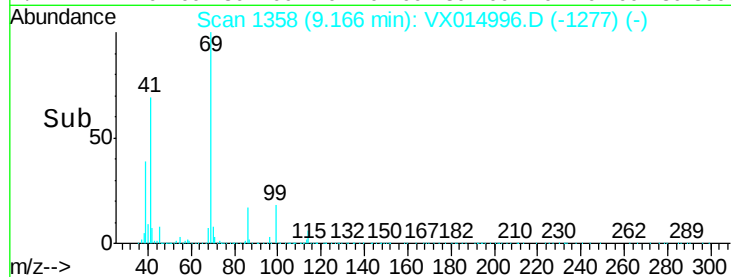
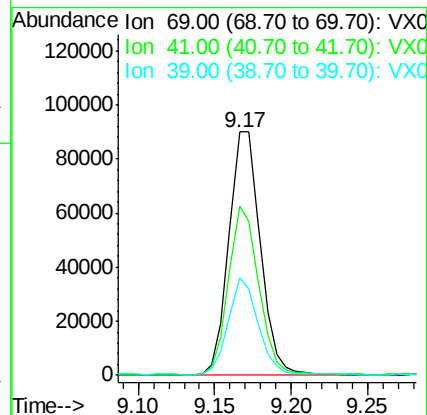
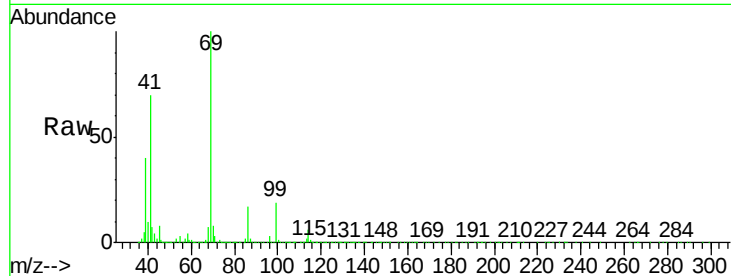
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	128484
Ion Ratio	Lower	Upper	
69	100		
41	69.6	32.7	98.1
39	39.7	18.2	54.6

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.034 ug/l

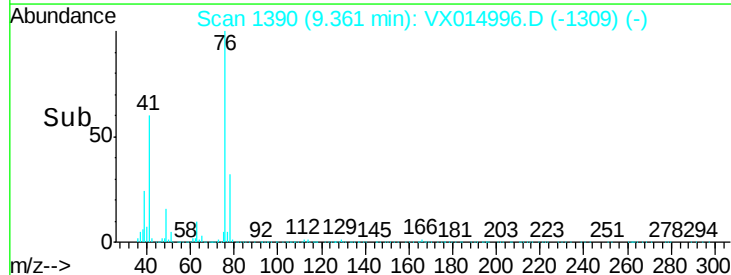
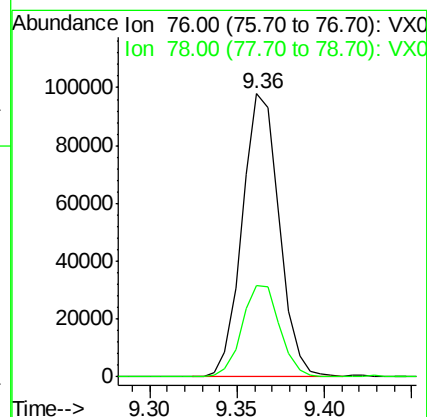
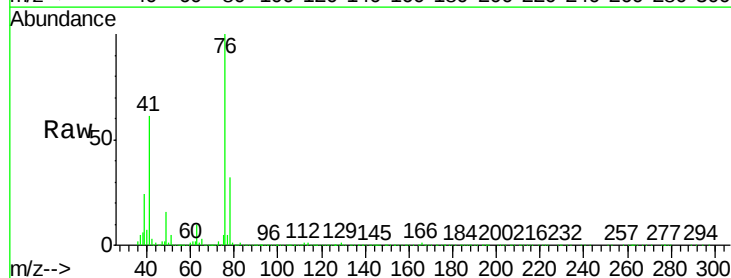
RT: 9.36 min Scan# 1390

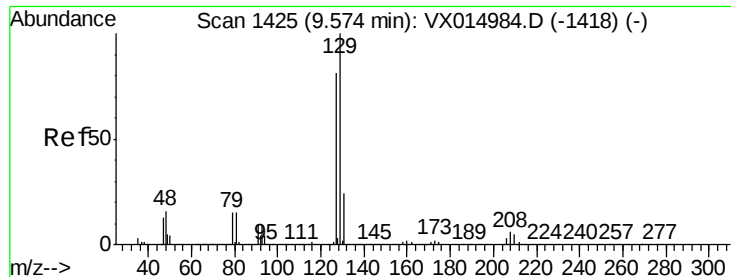
Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Tgt Ion:	76	Resp:	143664
Ion Ratio	Lower	Upper	
76	100		
78	33.2	0.0	65.0





#53

Dibromochloromethane

Concen: 18.942 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 91376

Ion Ratio Lower Upper

129 100

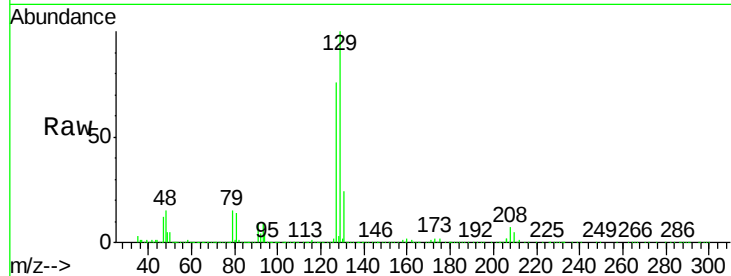
127 76.6 38.3 114.9

Manual Integrations

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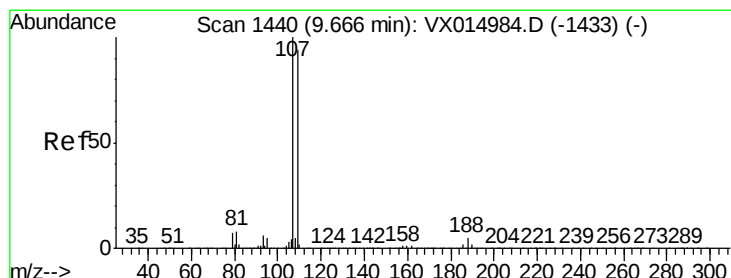
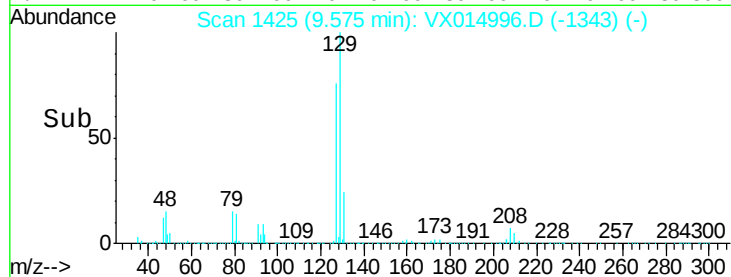
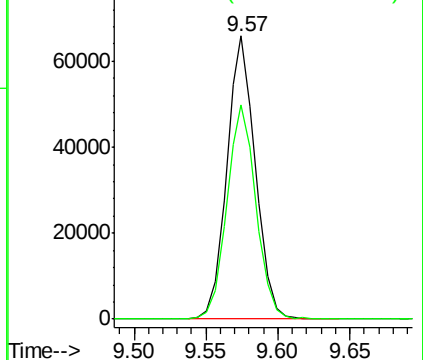
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.235 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014996.D

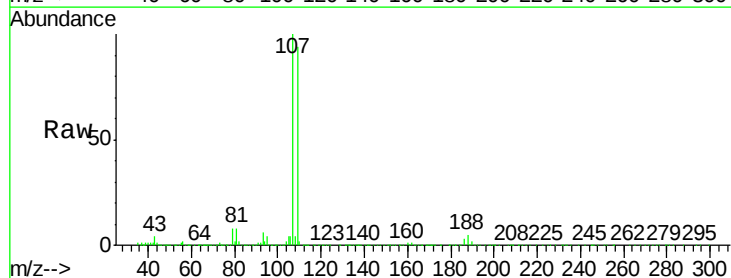
Acq: 21 Feb 2020 16:39

Tgt Ion:107 Resp: 91119

Ion Ratio Lower Upper

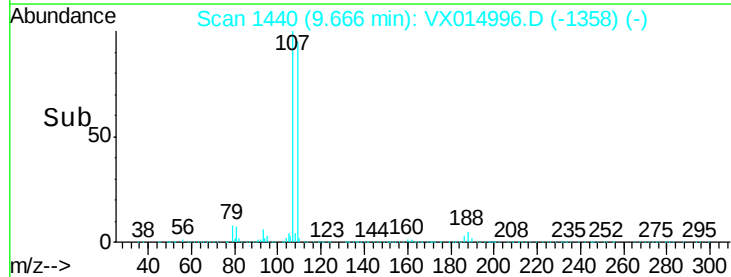
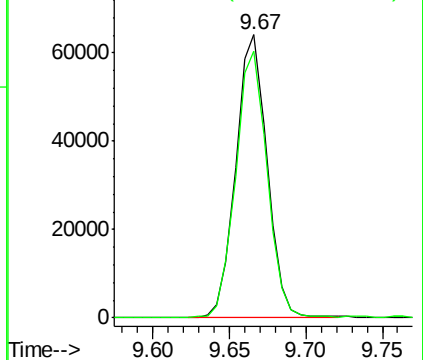
107 100

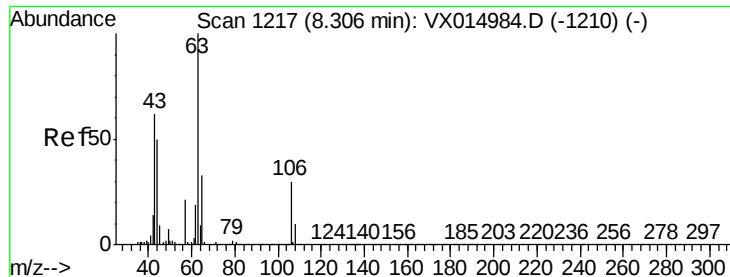
109 94.6 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





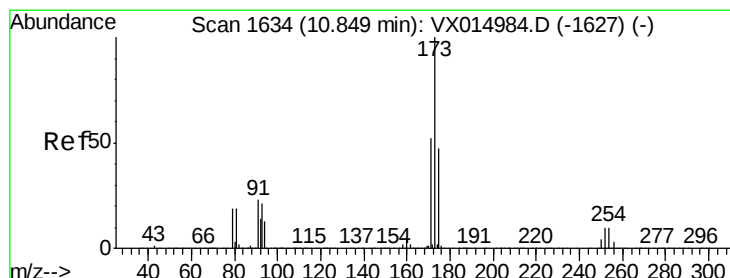
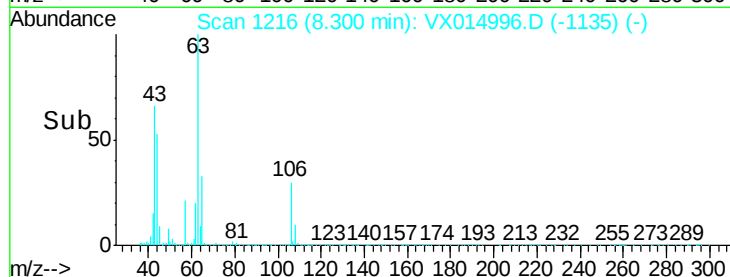
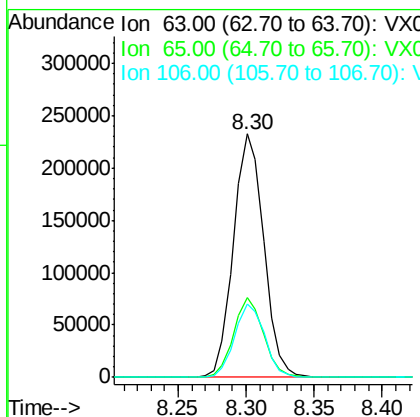
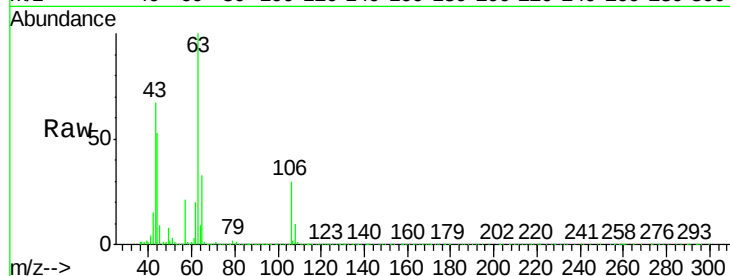
#55
2-Chloroethyl vinyl ether
Concen: 98.245 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	26.0	39.0
106	29.8	23.9	35.9

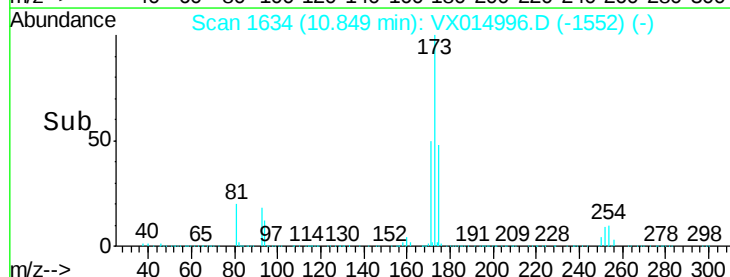
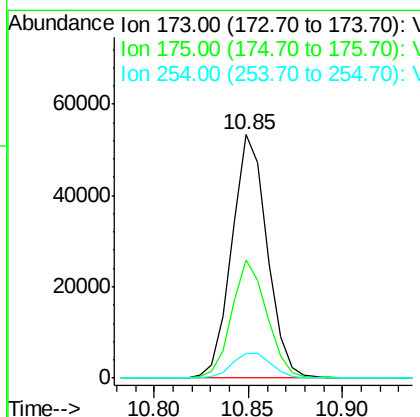
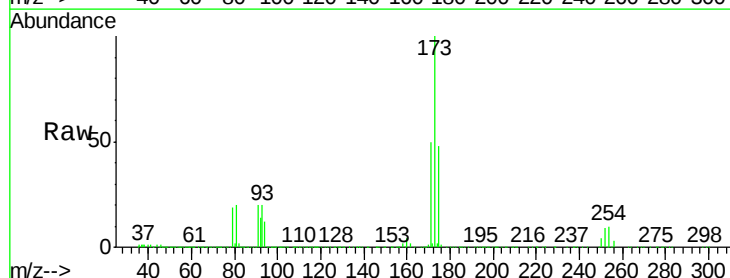
Manual Integrations
APPROVED

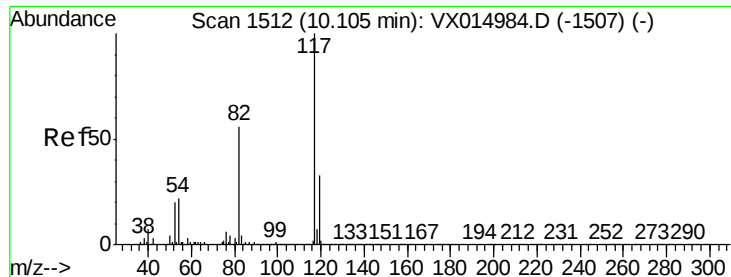
MMDadoda
2/24/2020 11:28:35 AM



#56
Bromoform
Concen: 18.369 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.6	57.8
254	11.2	8.6	13.0





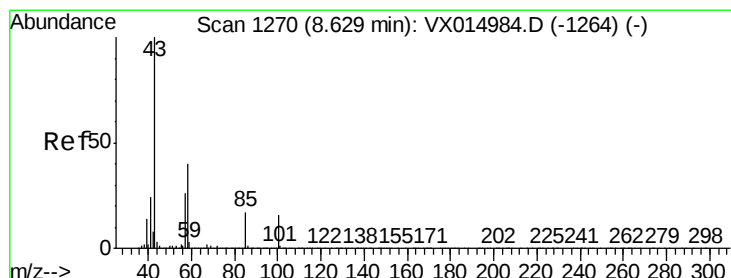
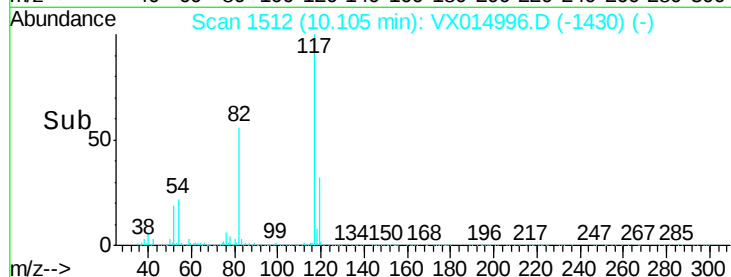
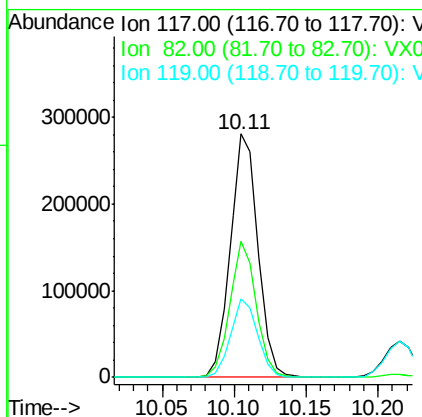
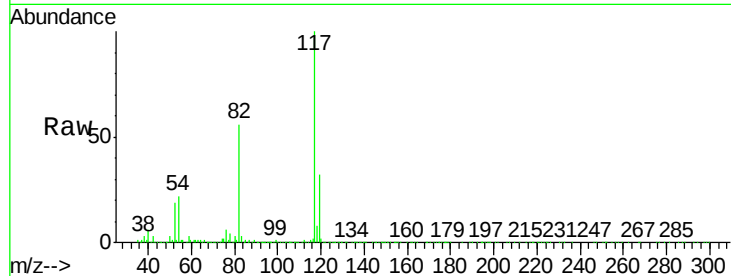
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	376414		
82	53.0	43.4	65.2	
119	31.6	26.0	39.0	

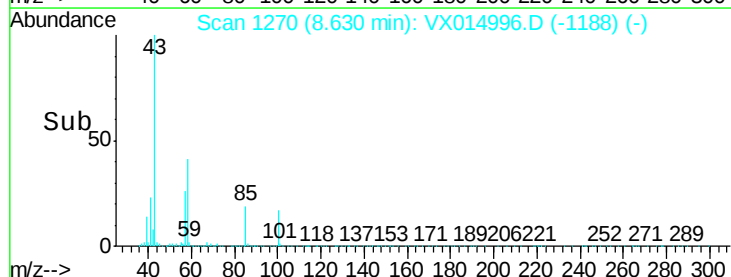
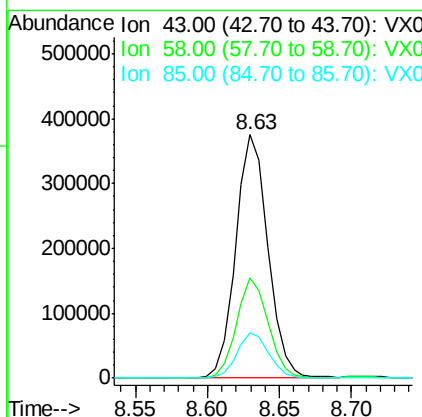
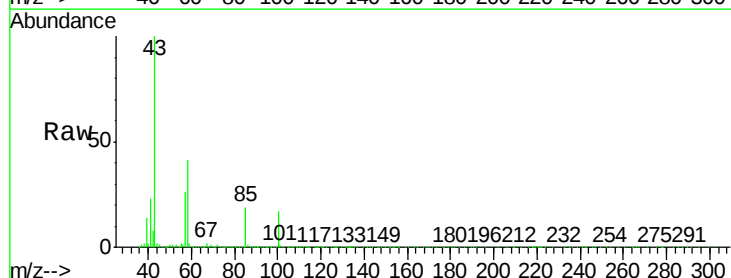
Manual Integrations
APPROVED

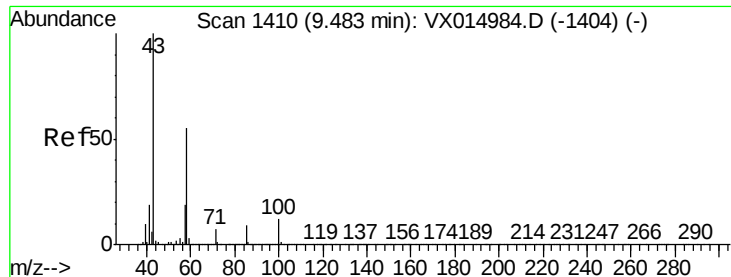
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 94.415 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	582439		
58	40.4	31.7	47.5	
85	18.4	14.4	21.6	





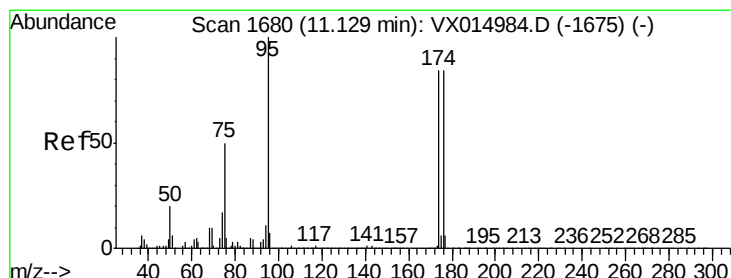
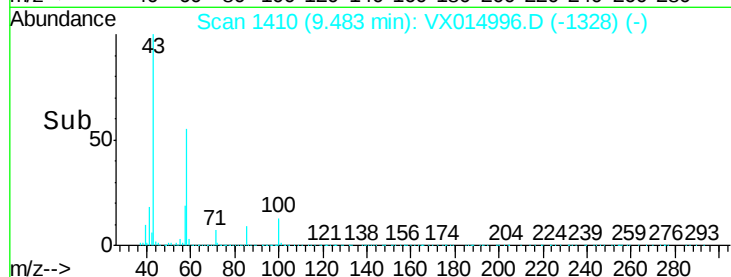
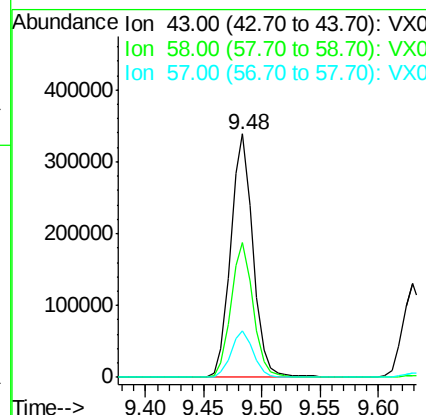
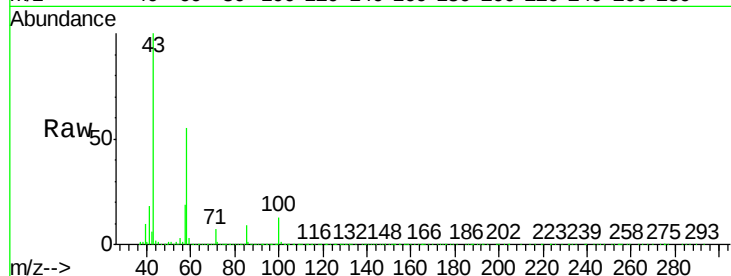
#59
2-Hexanone
Concen: 93.281 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.6	44.1	66.1
57	19.1	15.3	22.9

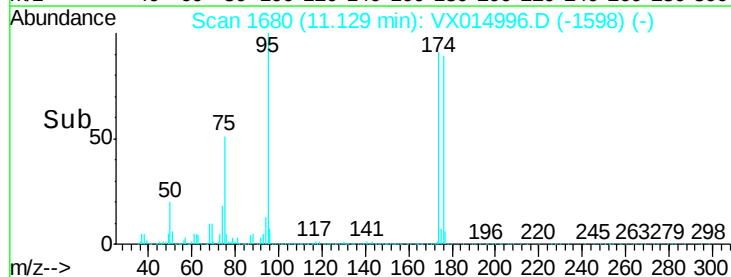
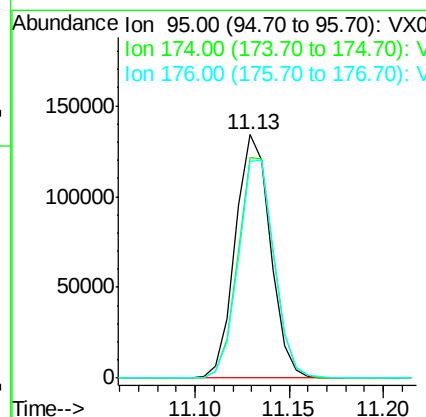
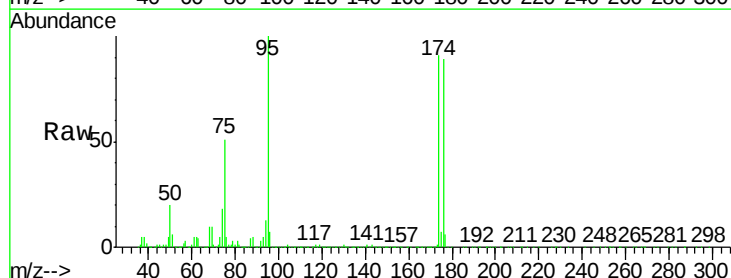
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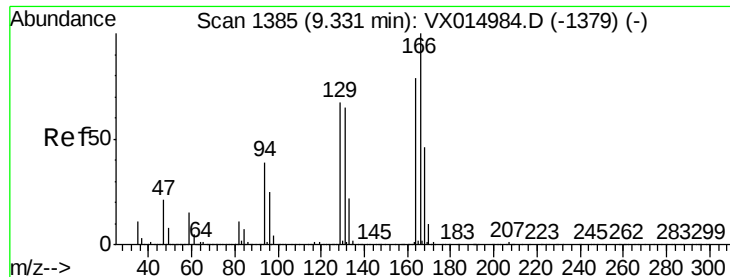
MMDadoda
2/24/2020 11:28:35 AM



#60
4-Bromofluorobenzene
Concen: 29.563 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.8	72.3	108.5
176	91.1	72.0	108.0





#61

Tetrachloroethene

Concen: 19.136 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

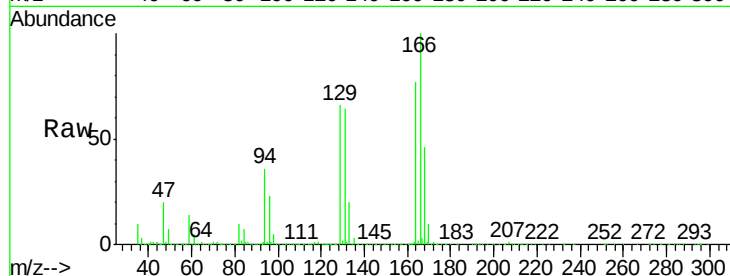
ClientSampleId :

VSTDCCC020EC

Tot Ion:	164	Resp:	96746
Ion	Ratio	Lower	Upper
164	100		
166	129.6	101.2	151.8
129	85.9	67.6	101.4
131	82.6	66.0	99.0

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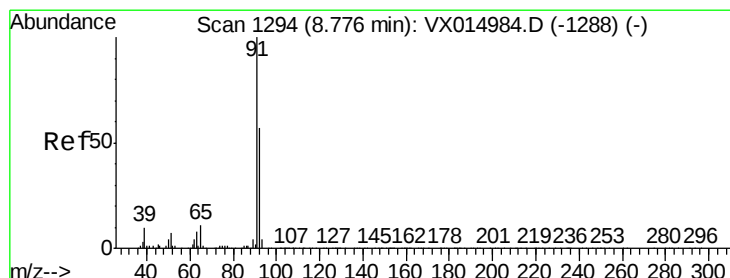
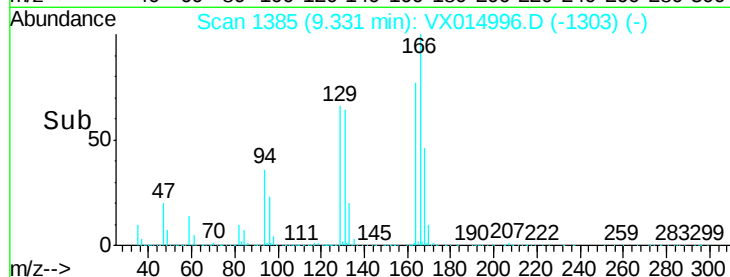
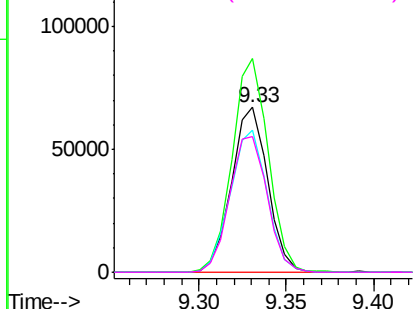


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.014 ug/l

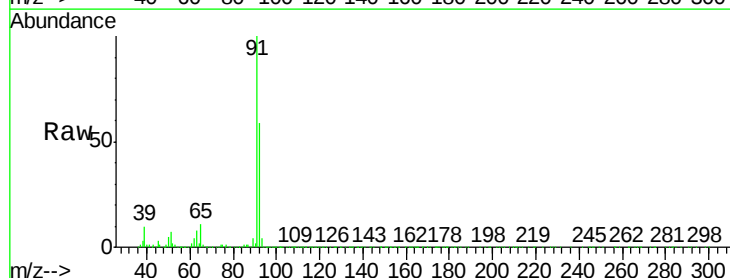
RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014996.D

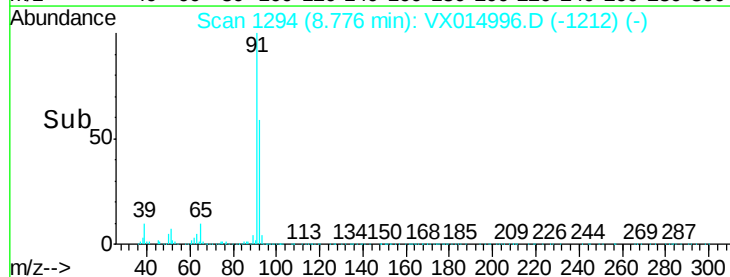
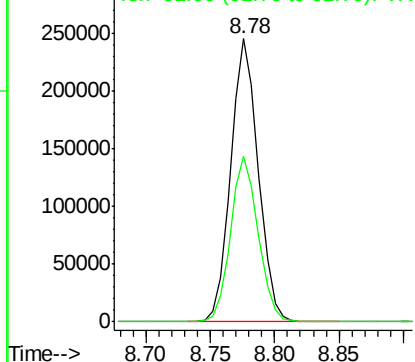
Acq: 21 Feb 2020 16:39

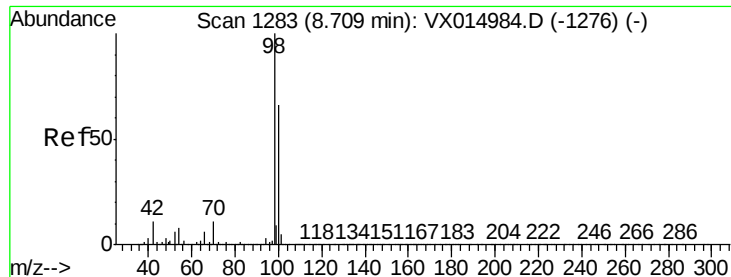
Tgt Ion:	91	Resp:	366597
Ion	Ratio	Lower	Upper
91	100		
92	58.5	46.6	69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.507 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 484351

Ion Ratio Lower Upper

98 100

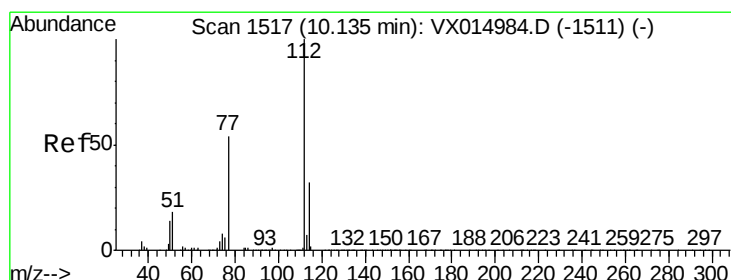
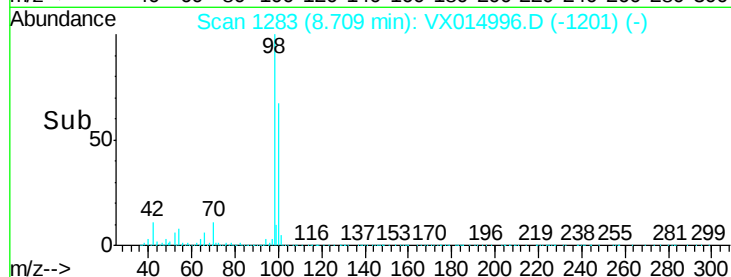
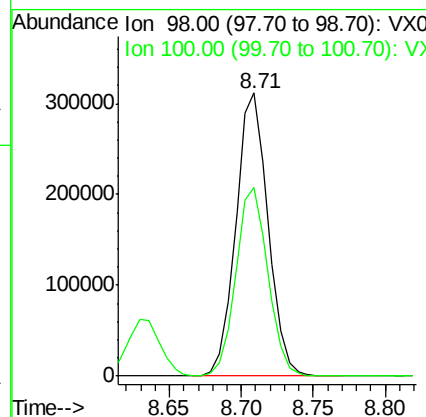
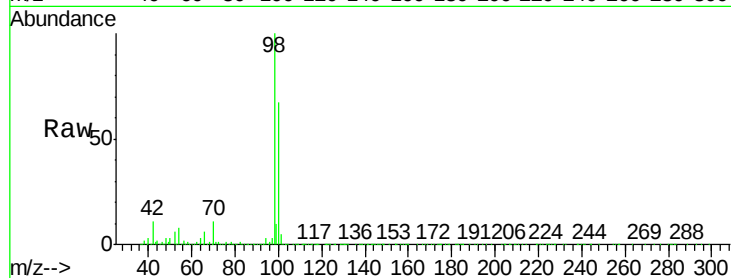
100 66.1 52.8 79.2

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#64

Chlorobenzene

Concen: 18.905 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014996.D

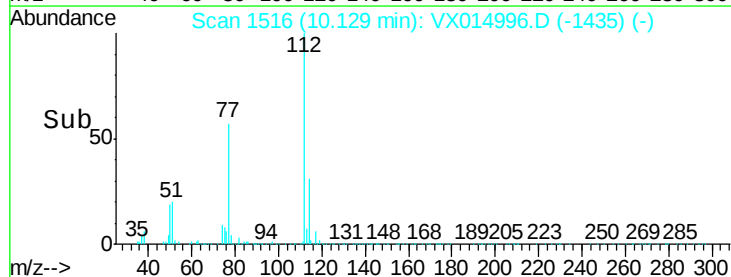
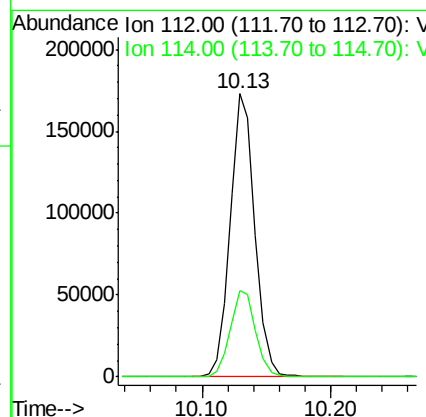
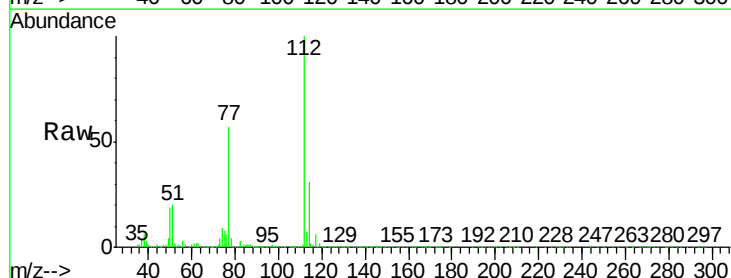
Acq: 21 Feb 2020 16:39

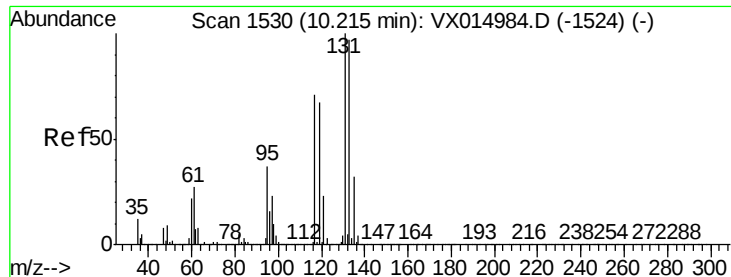
Tgt Ion: 112 Resp: 232646

Ion Ratio Lower Upper

112 100

114 30.5 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.885 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

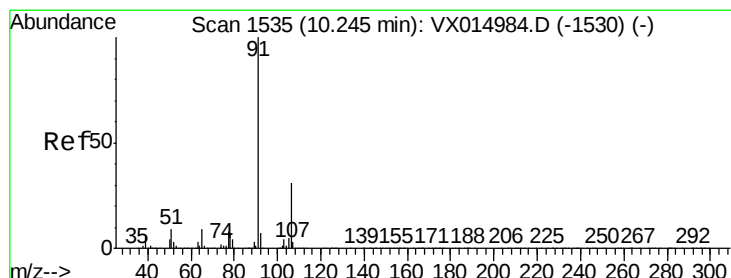
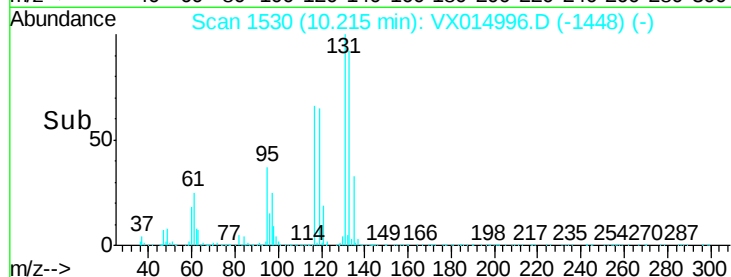
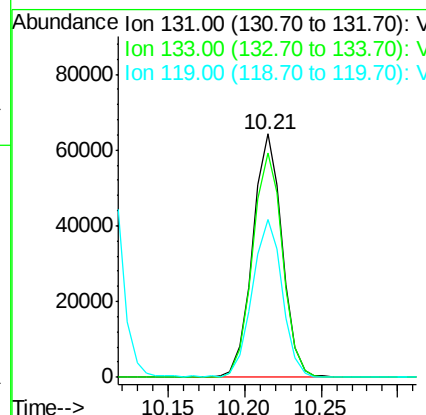
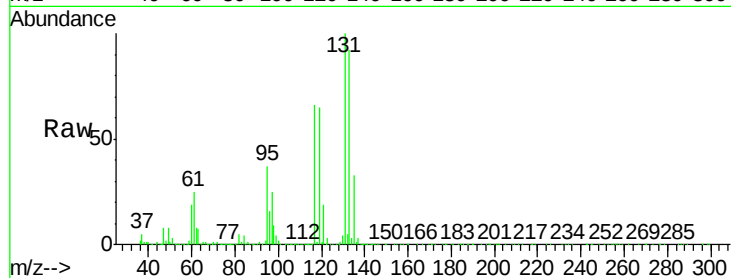
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
131	100		
133	93.8	0.0	191.4
119	65.2	0.0	132.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.054 ug/l

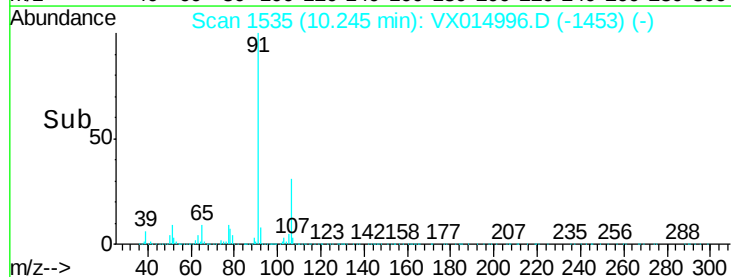
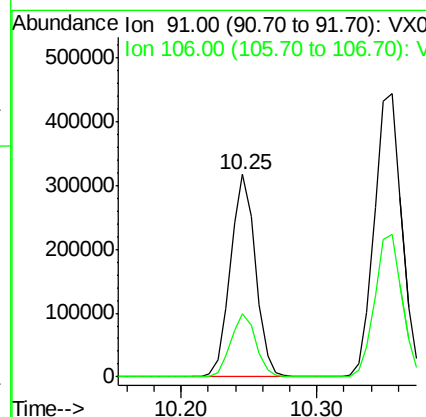
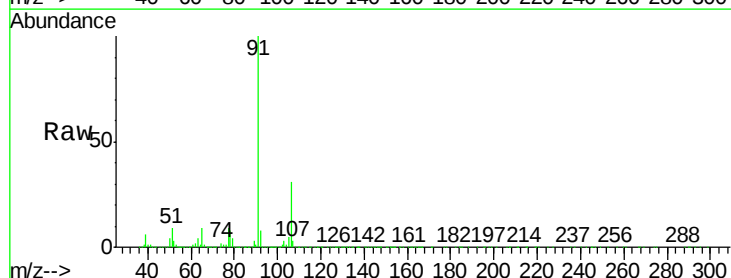
RT: 10.25 min Scan# 1535

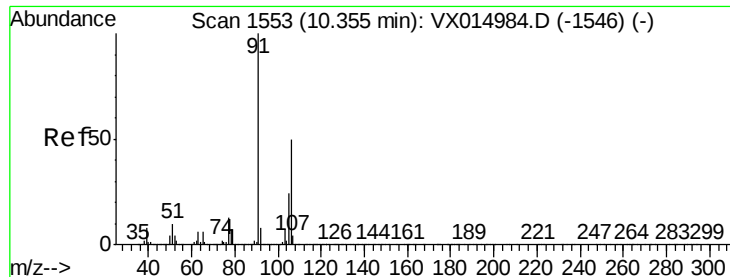
Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.7	37.1





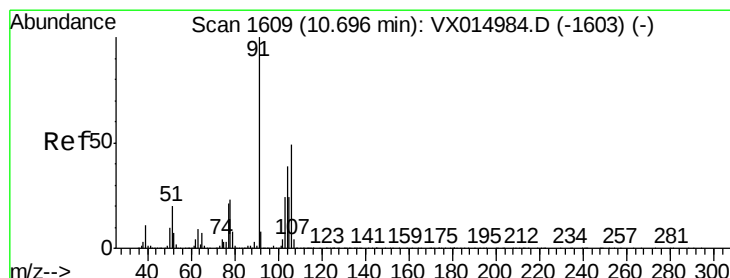
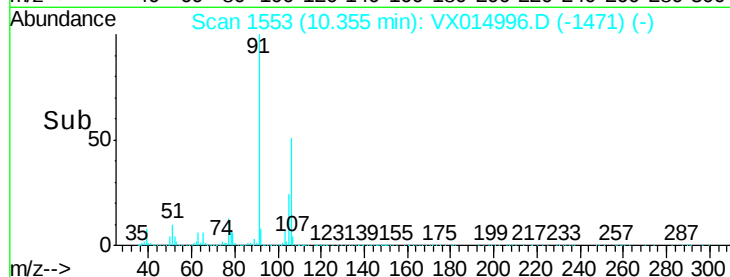
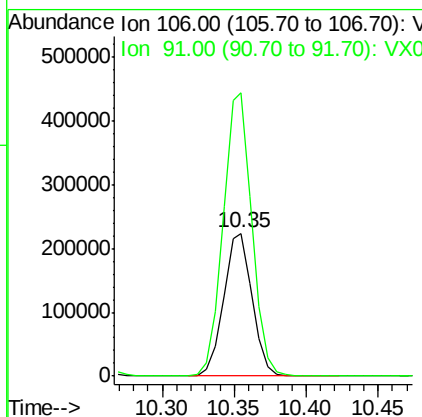
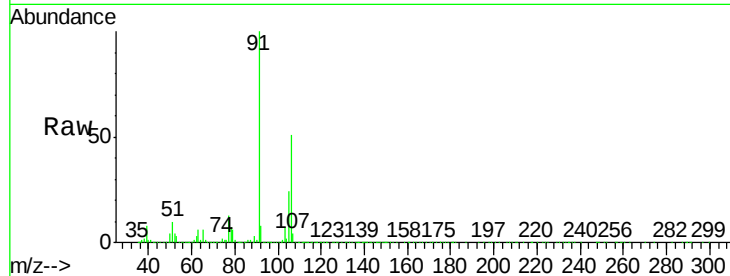
#67
m/p-Xvlenes
Concen: 38.078 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:106 Resp: 311852
Ion Ratio Lower Upper
106 100
91 198.3 160.4 240.6

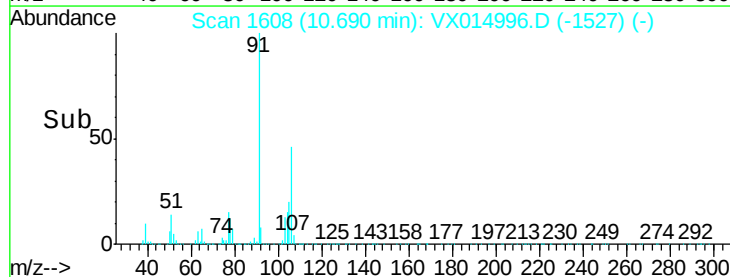
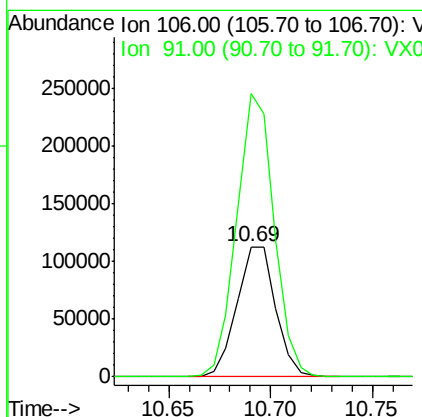
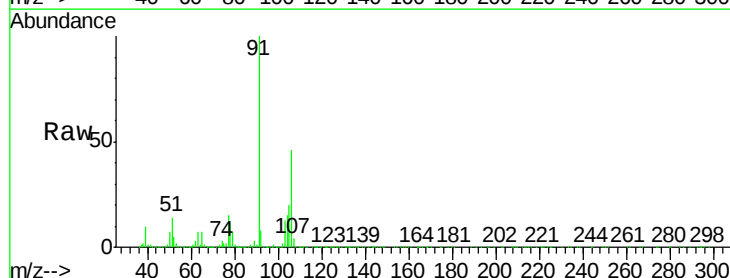
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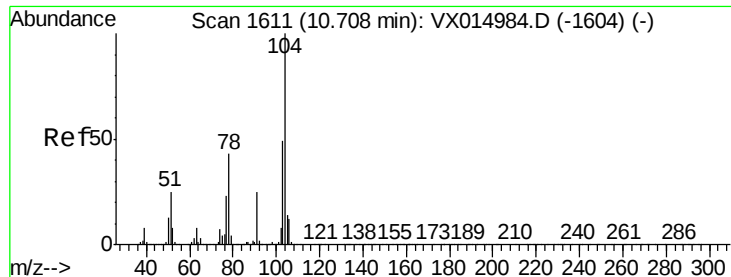
MMDadoda
2/24/2020 11:28:35 AM



#68
o-Xylene
Concen: 18.686 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion:106 Resp: 148071
Ion Ratio Lower Upper
106 100
91 210.6 105.3 315.9





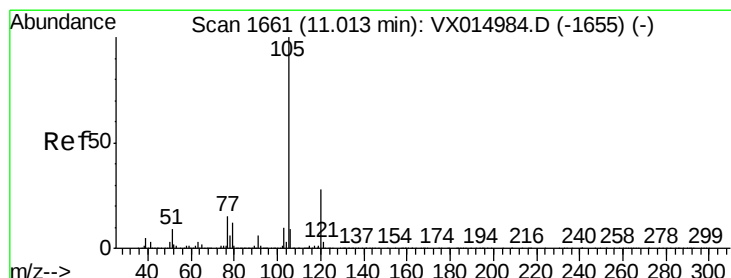
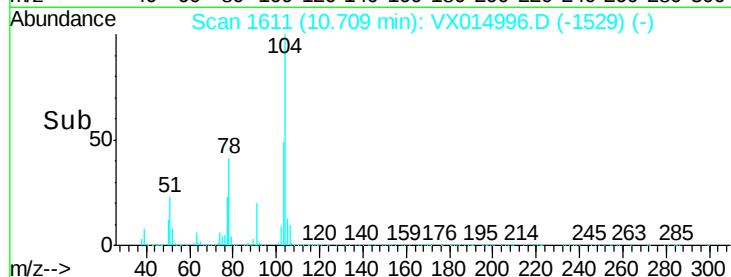
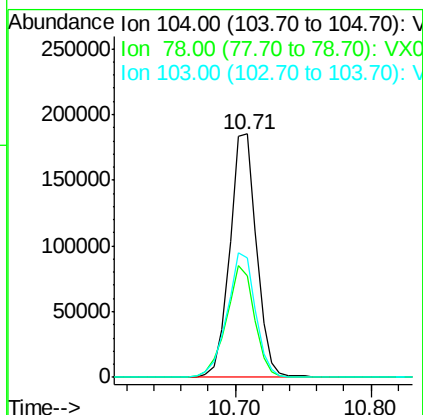
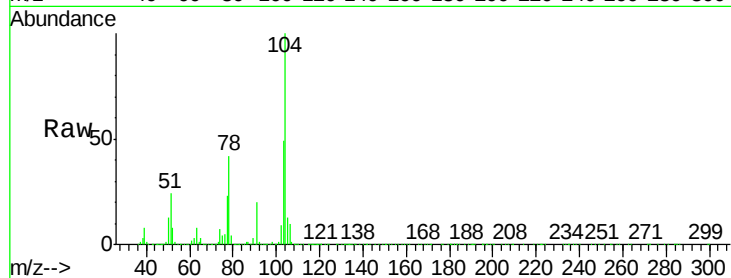
#69
Stvrene
Concen: 18.615 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.5	39.4	59.2
103	54.2	42.9	64.3

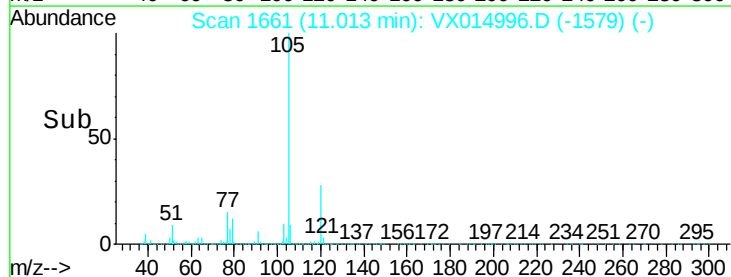
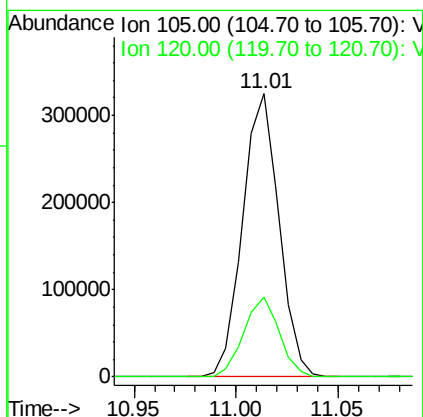
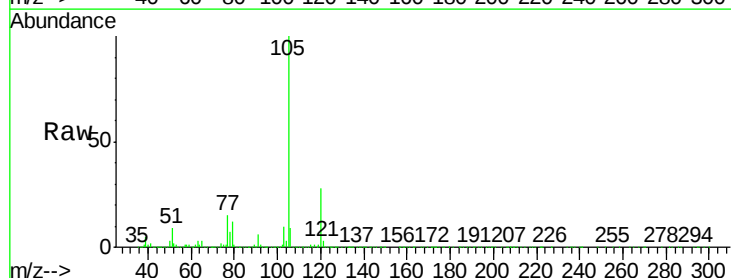
Manual Integrations
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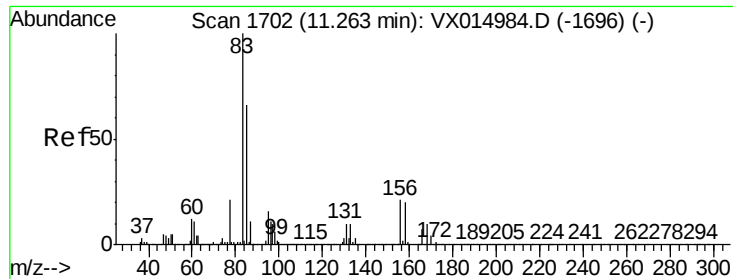
MMDadoda
2/24/2020 11:28:35 AM



#70
Isopropylbenzene
Concen: 19.105 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 18.858 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

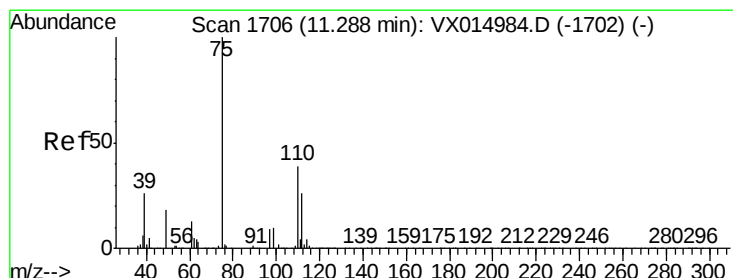
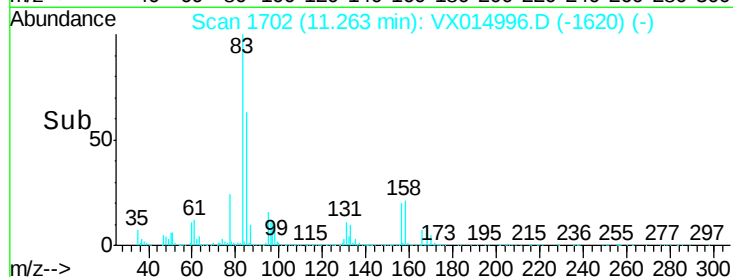
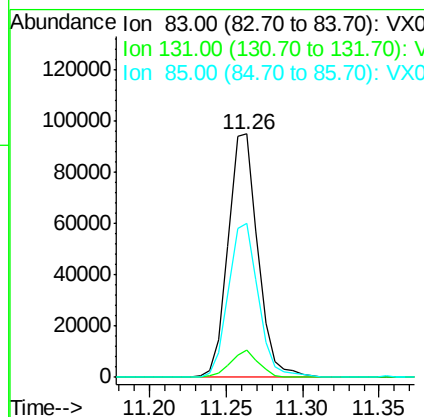
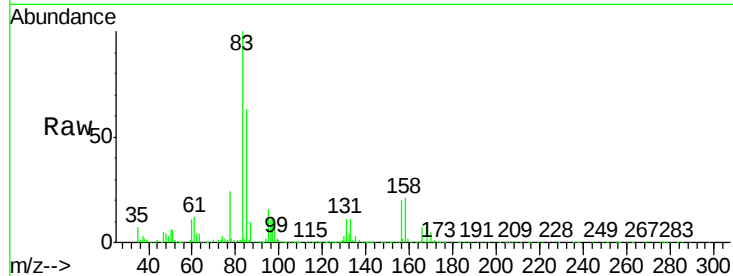
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	127803
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.4
85	63.8	32.2	96.6

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#72

1,2,3-Trichloropropane

Concen: 19.155 ug/l m

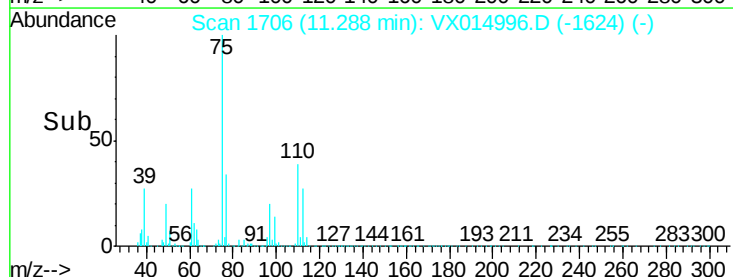
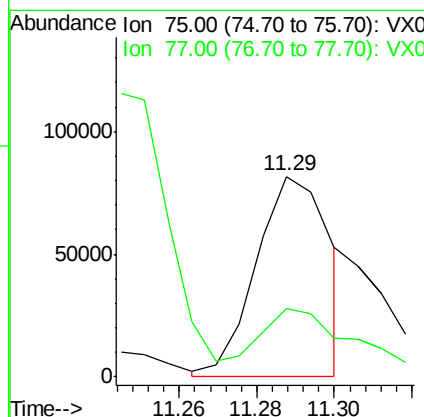
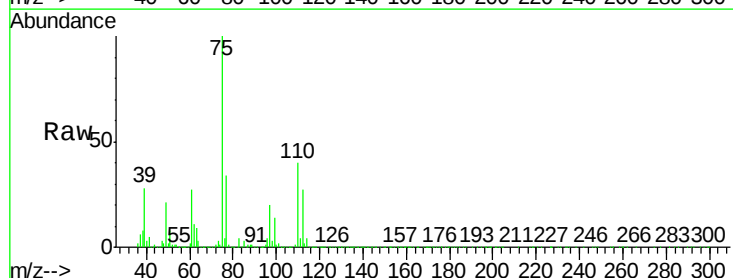
RT: 11.29 min Scan# 1706

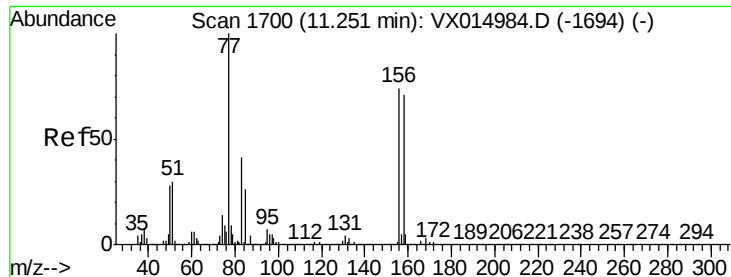
Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Tgt Ion:	75	Resp:	107684
Ion Ratio	Lower	Upper	
75	100		
77	44.4	0.0	75.4





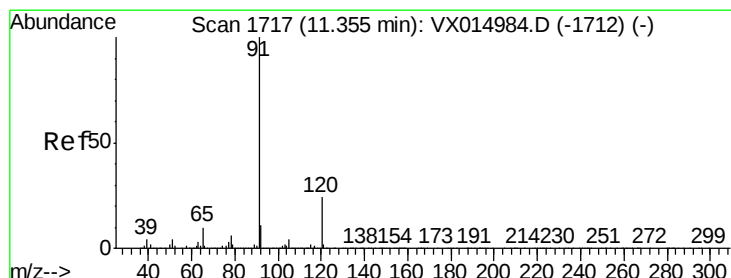
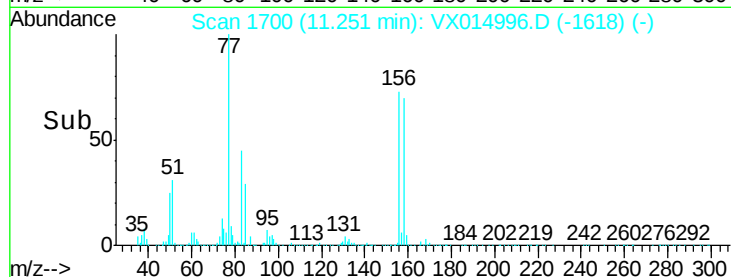
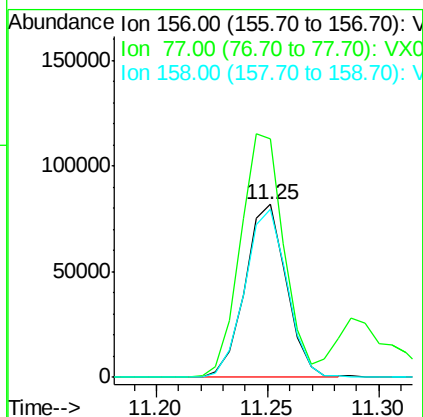
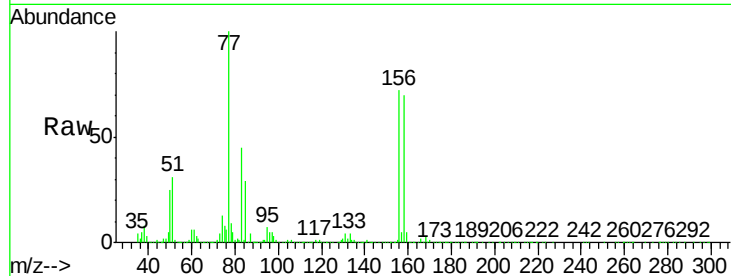
#73
Bromobenzene
Concen: 18.533 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.5	0.0	286.8
158	100.0	0.0	191.8

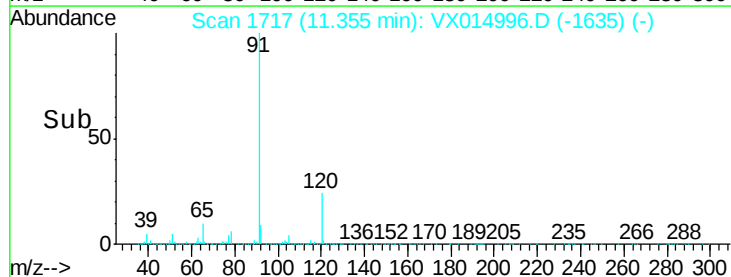
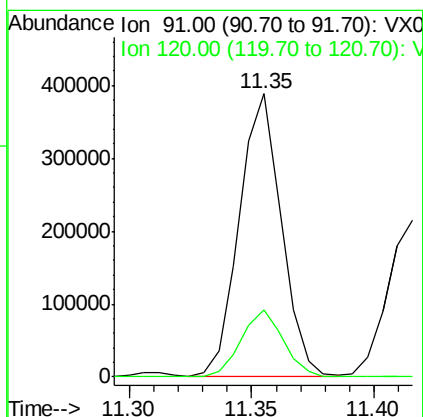
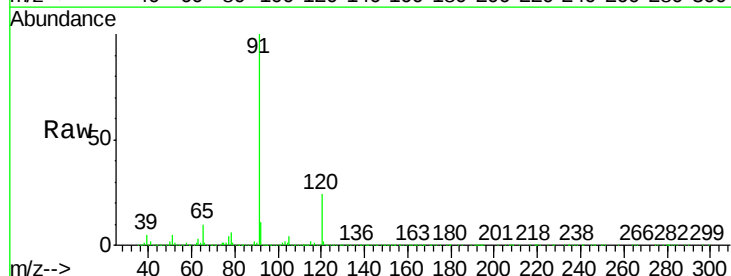
Manual Integrations
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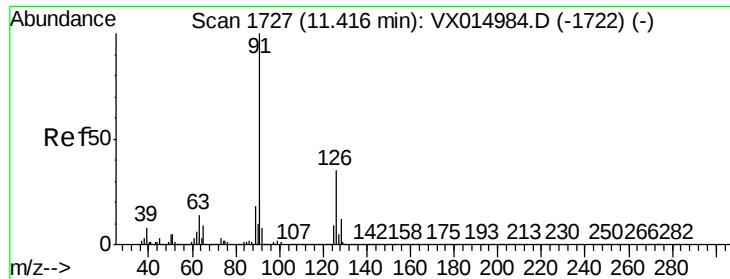
MMDadoda
2/24/2020 11:28:35 AM



#74
n-propylbenzene
Concen: 19.351 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	0.0	47.0





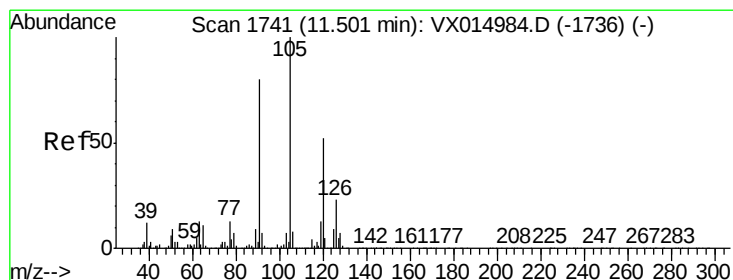
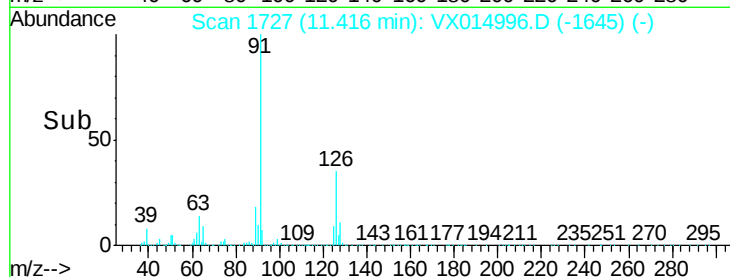
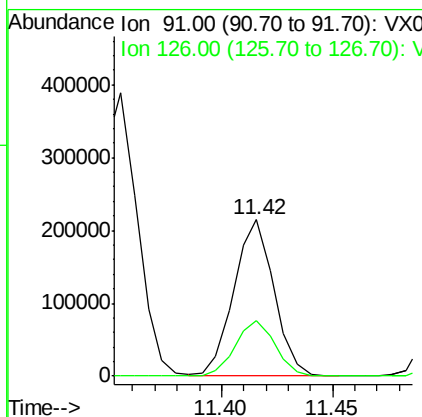
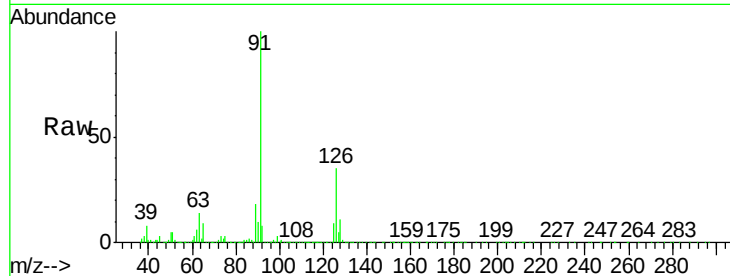
#75
 2-Chlorotoluene
 Concen: 19.058 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 91 Resp: 269817
 Ion Ratio Lower Upper
 91 100
 126 35.4 0.0 69.0

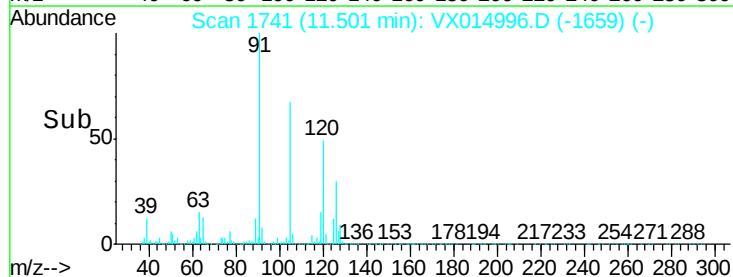
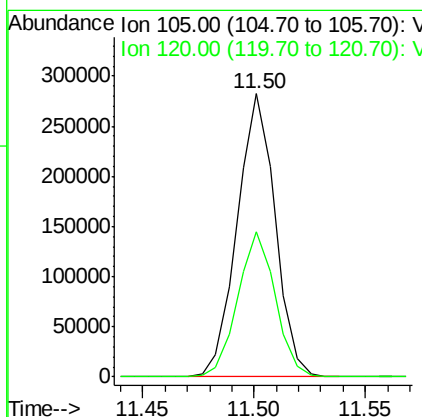
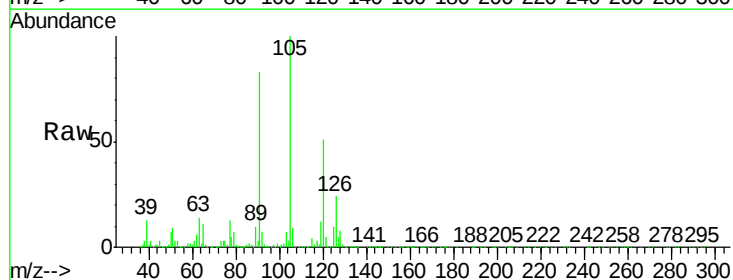
Manual Integrations
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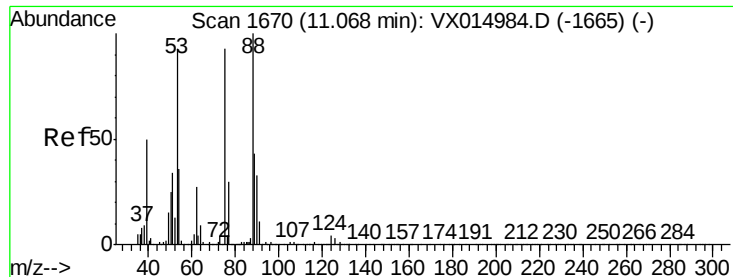
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#76
 1,3,5-Trimethylbenzene
 Concen: 19.046 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

Tgt Ion: 105 Resp: 335990
 Ion Ratio Lower Upper
 105 100
 120 50.2 0.0 101.0





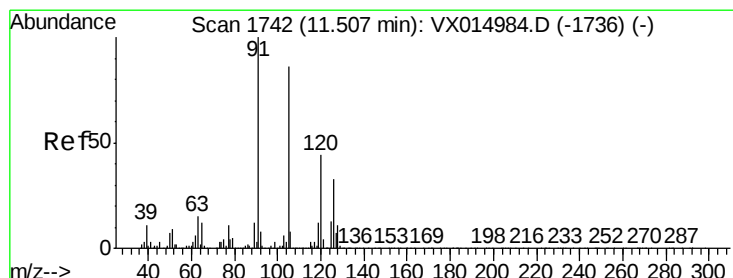
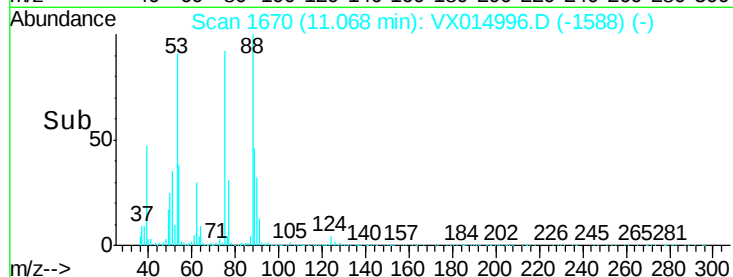
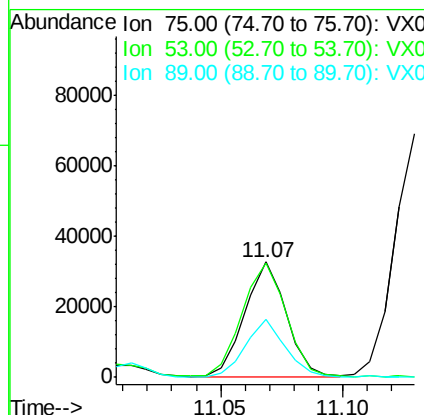
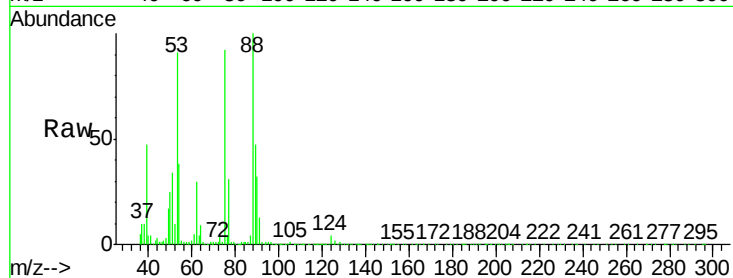
#77
t-1,4-Dichloro-2-butene
Concen: 17.041 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.2	50.0	149.8
89	50.2	23.5	70.5

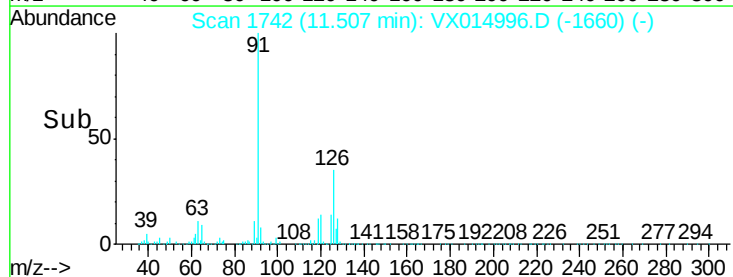
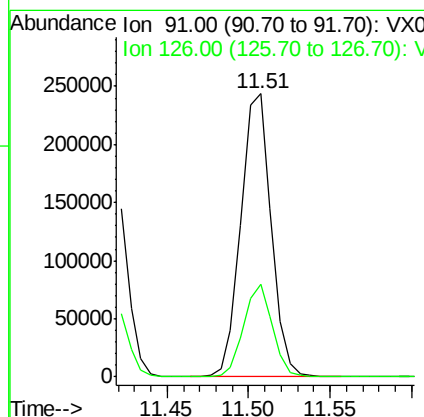
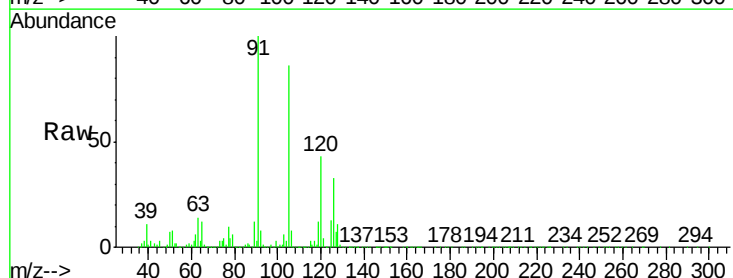
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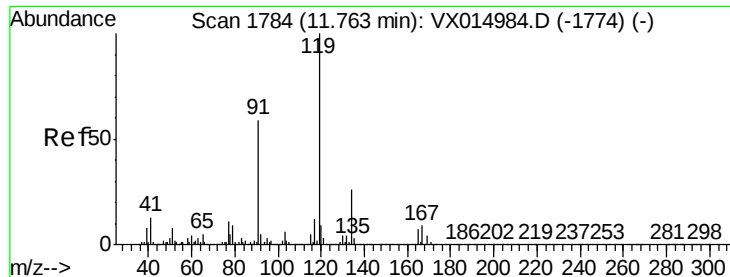
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#78
4-Chlorotoluene
Concen: 19.209 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	0.0	62.0





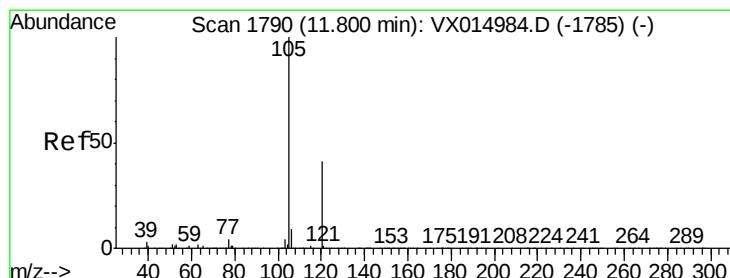
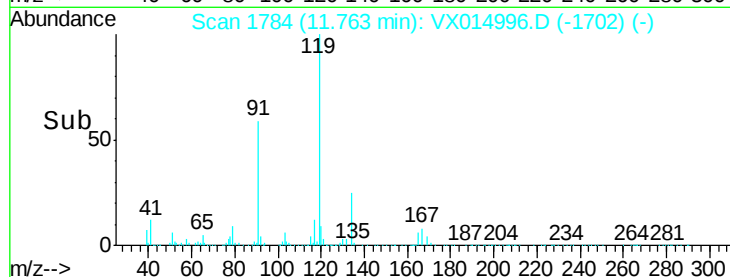
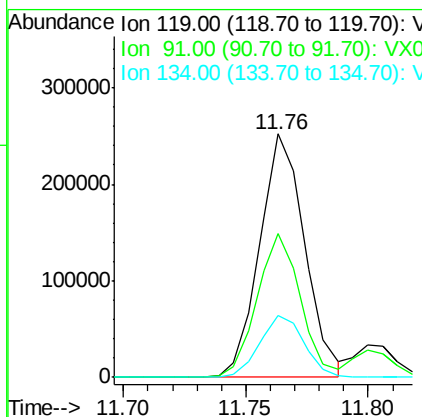
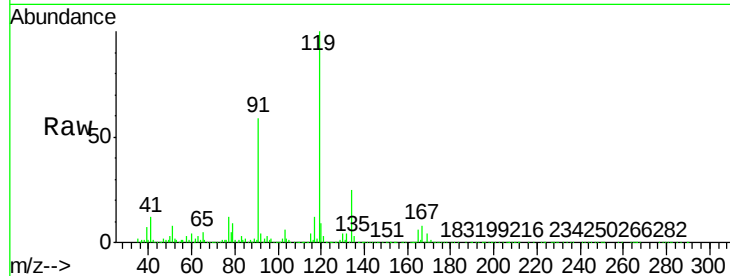
#79
tert-butylbenzene
Concen: 18.936 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	322721		
91	56.7	0.0	114.4	
134	25.1	0.0	48.8	

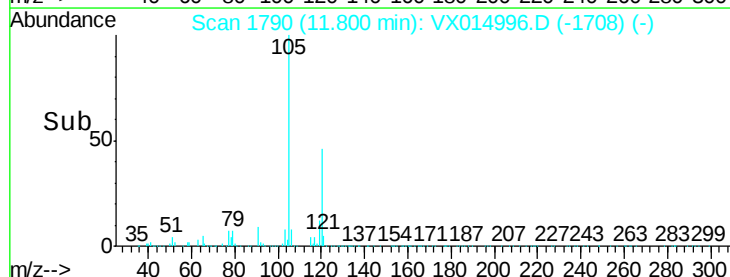
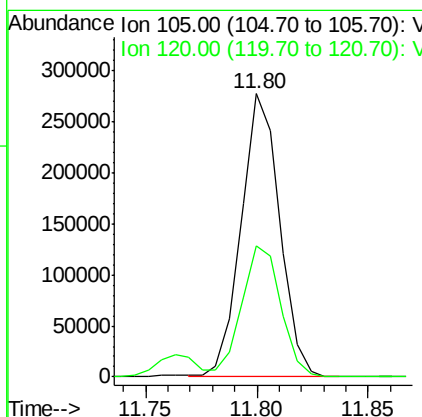
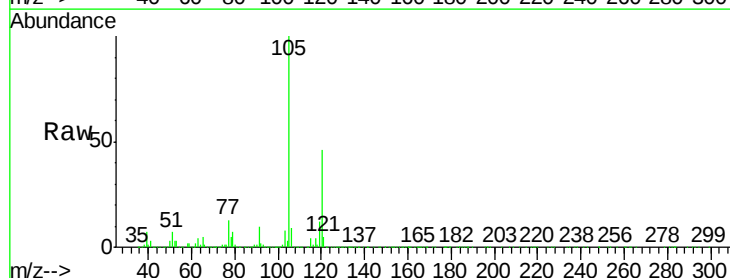
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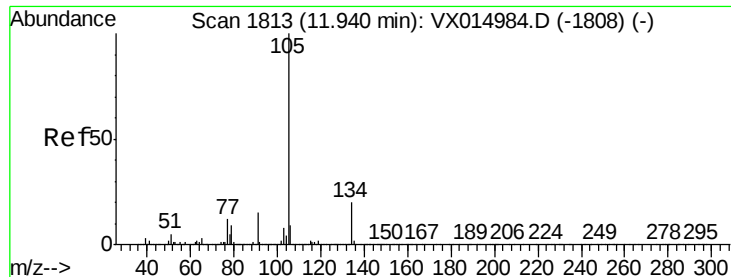
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#80
1,2,4-Trimethylbenzene
Concen: 19.049 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	334071		
120	47.0	0.0	93.4	





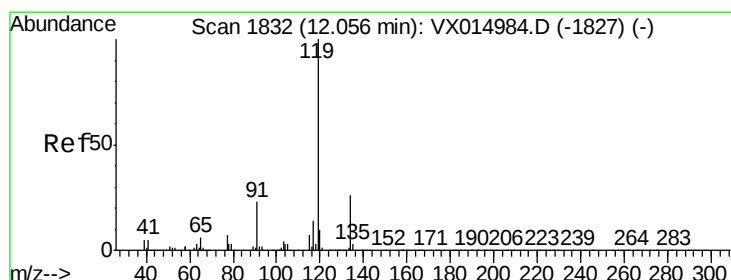
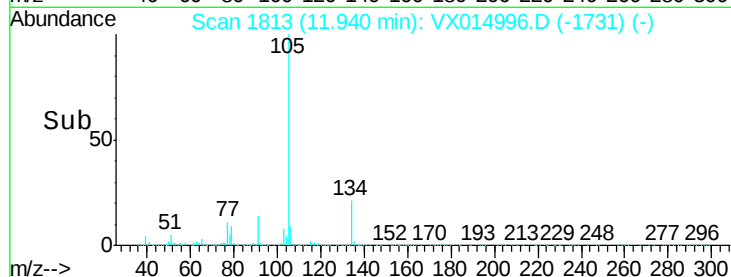
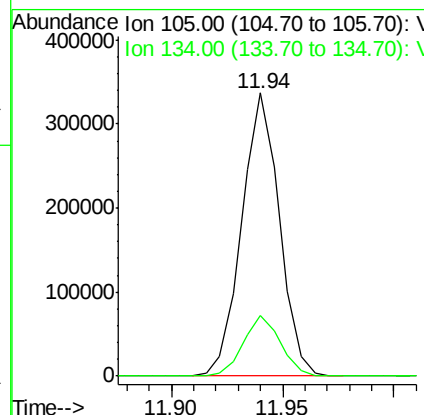
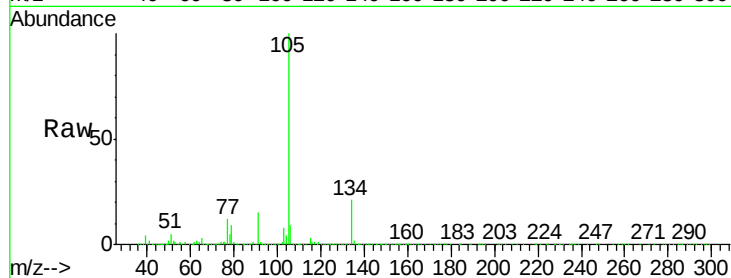
#81
 sec-Butylbenzene
 Concen: 19.376 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	395466		
134	21.1	0.0	40.8	

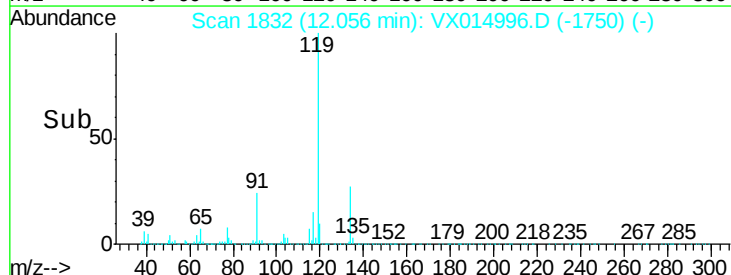
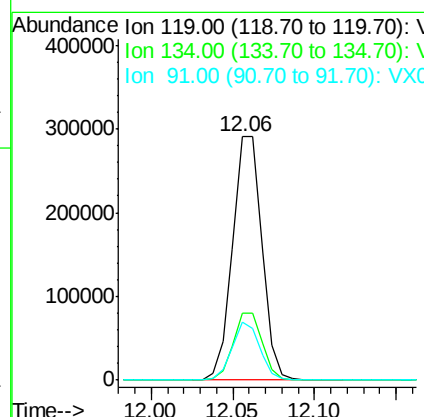
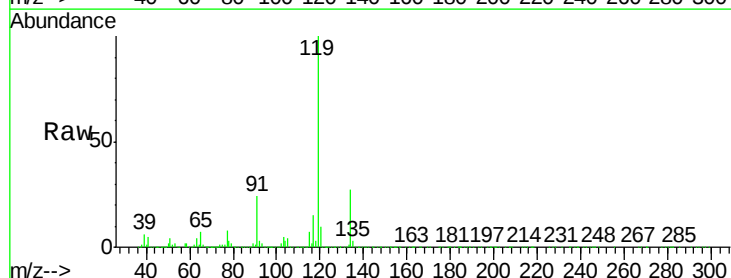
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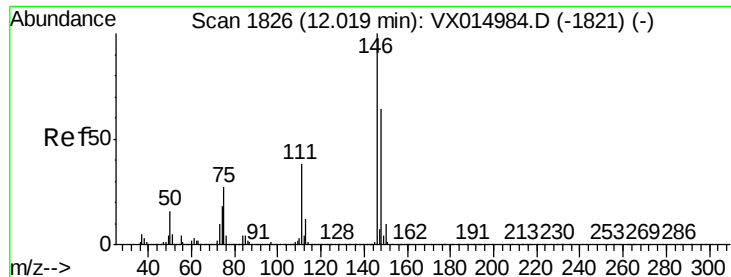
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#82
 p-Isopropyltoluene
 Concen: 19.266 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	365320		
134	27.1	0.0	53.2	
91	22.5	0.0	44.6	





#83

1,3-Dichlorobenzene

Concen: 19.577 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014996.D

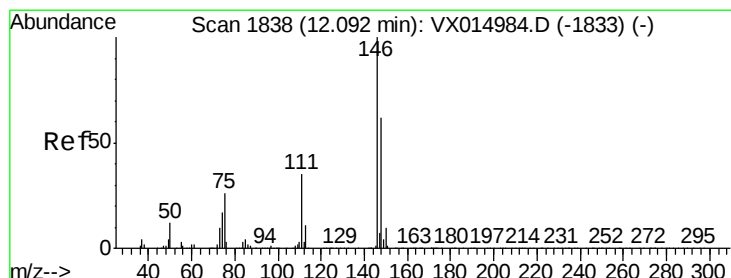
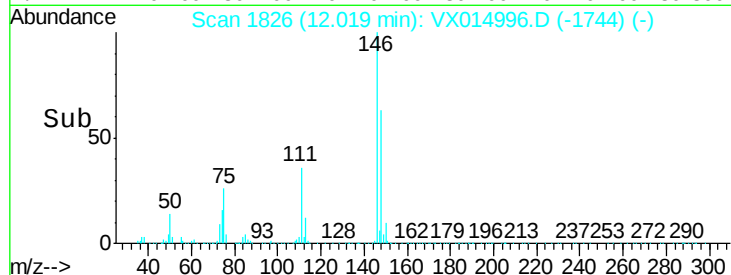
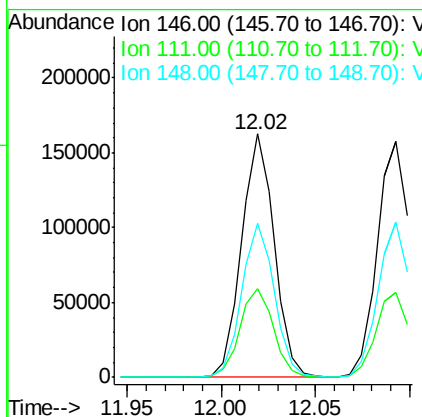
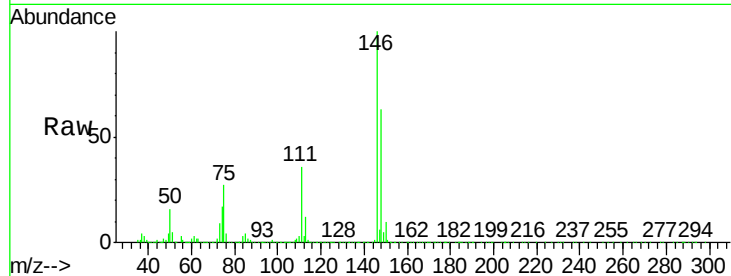
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.3	57.9
148	63.3	32.3	96.9

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#84

1,4-Dichlorobenzene

Concen: 19.091 ug/l

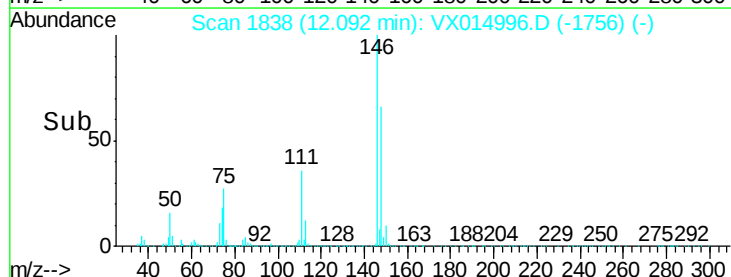
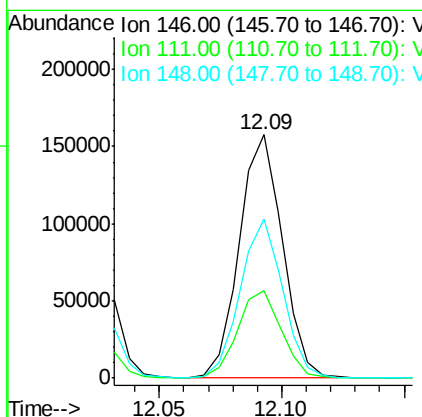
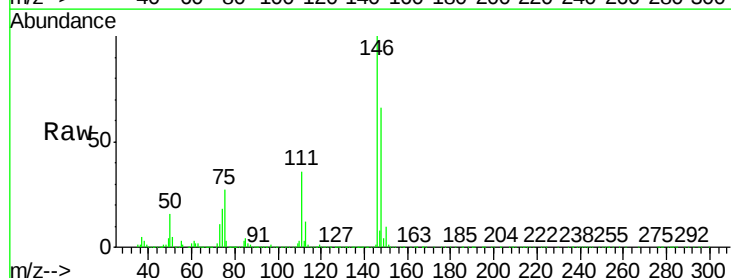
RT: 12.09 min Scan# 1838

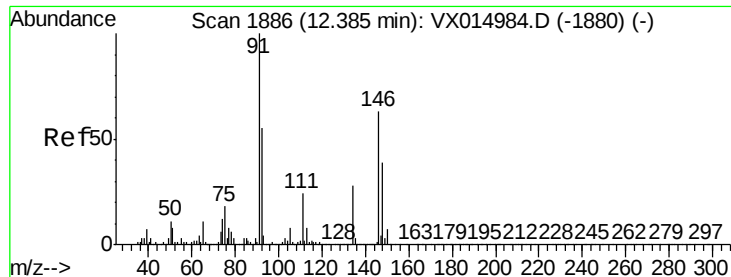
Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.8	53.5
148	65.3	31.4	94.2





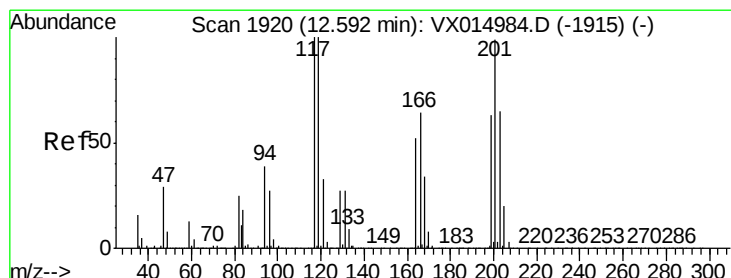
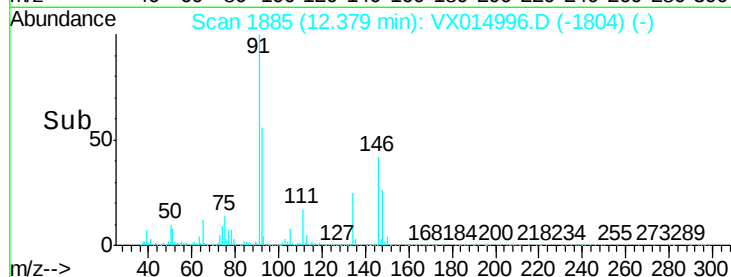
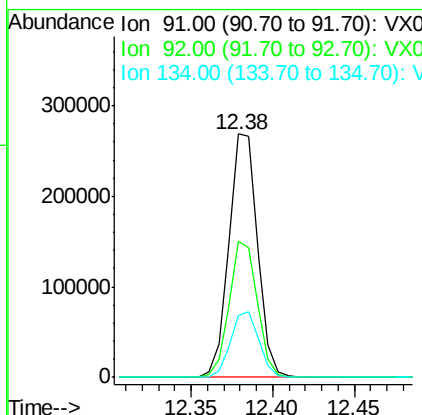
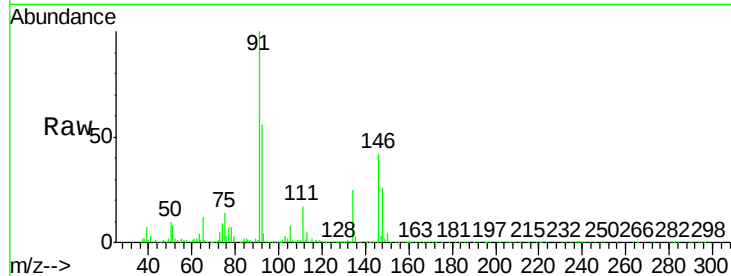
#85
n-Butylbenzene
Concen: 19.810 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.8	0.0	109.8	
134	26.6	0.0	54.8	

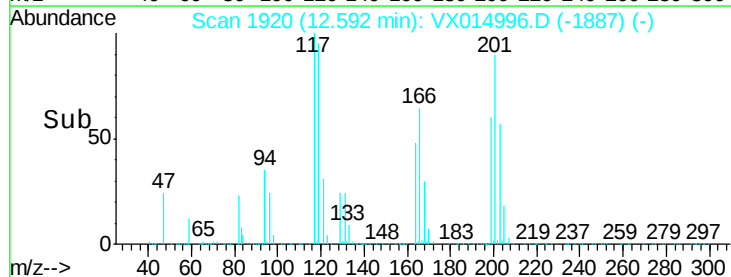
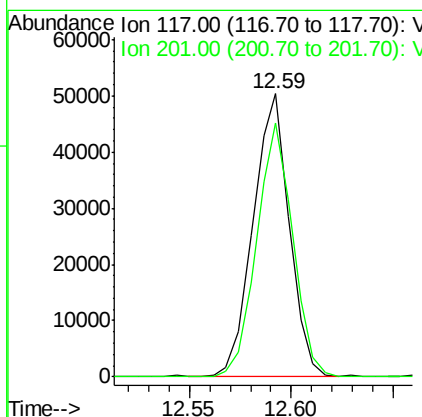
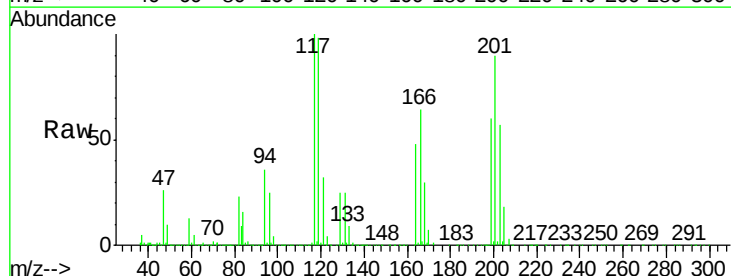
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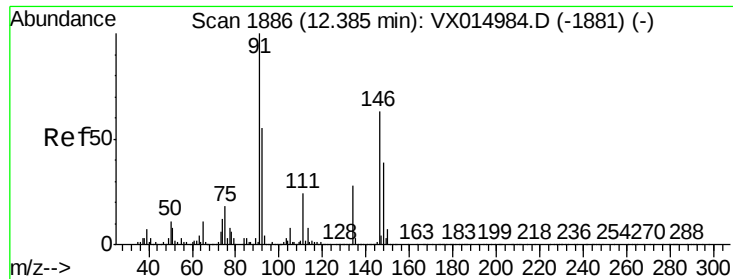
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#86
Hexachloroethane
Concen: 18.139 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	89.2	45.6	136.7	





#87

1,2-Dichlorobenzene

Concen: 19.094 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

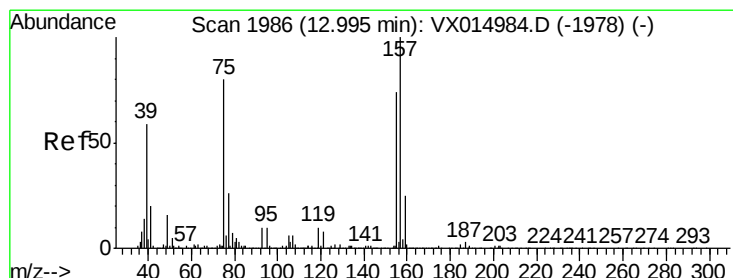
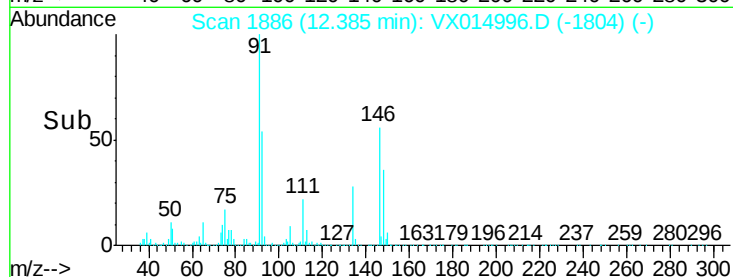
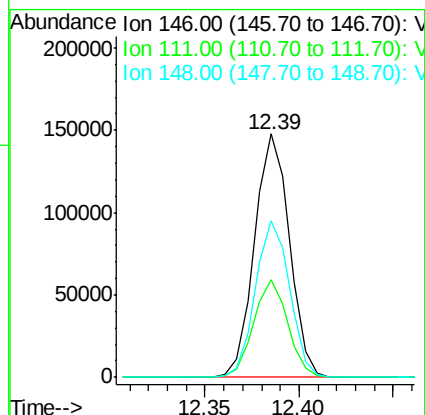
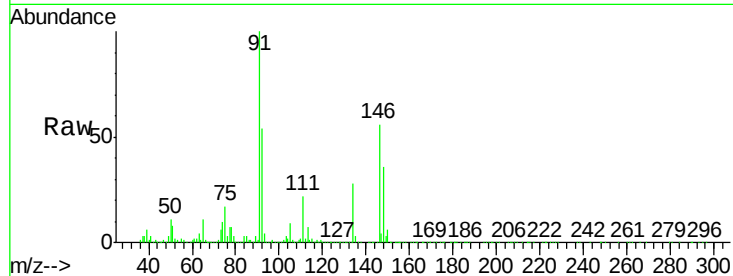
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	189438		
111	39.3	19.7	59.1	
148	63.6	32.0	96.0	

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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.598 ug/l

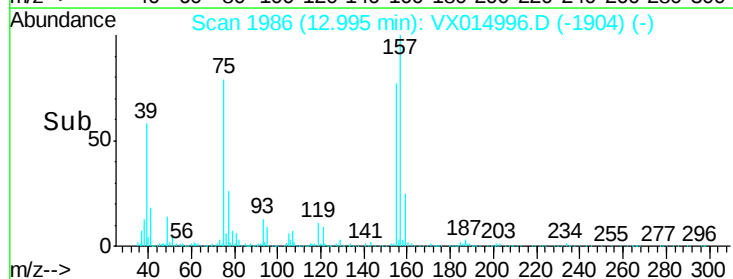
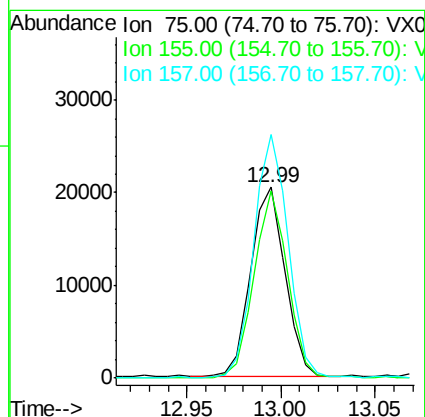
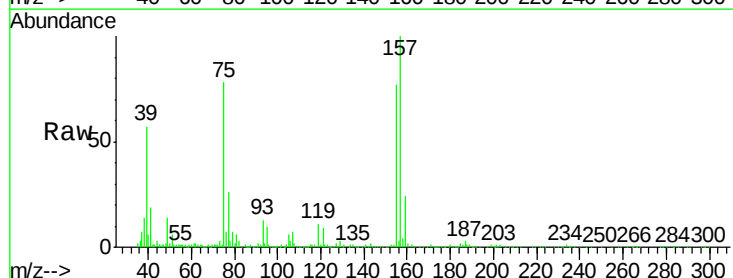
RT: 12.99 min Scan# 1986

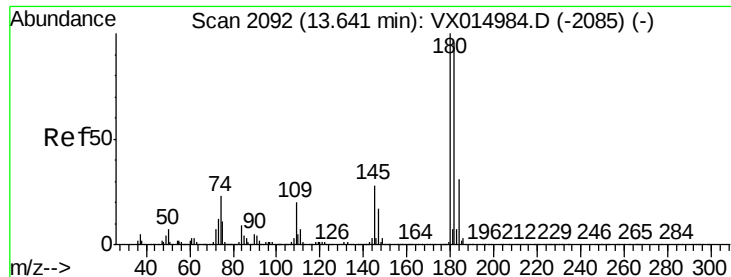
Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	25975		
155	96.0	74.5	111.7	
157	126.8	96.2	144.4	





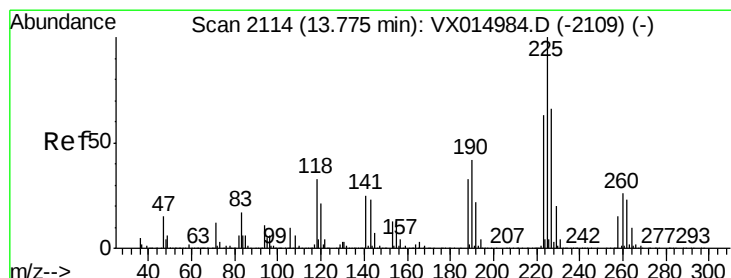
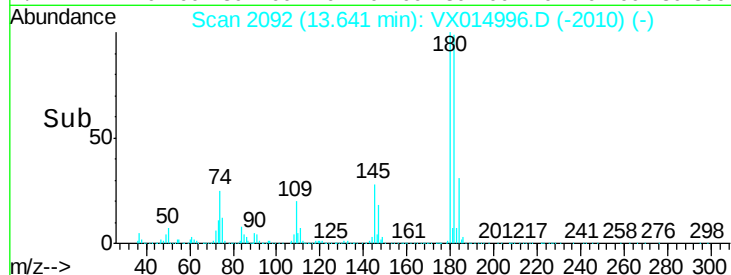
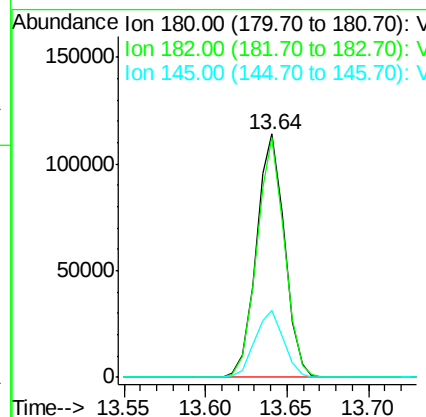
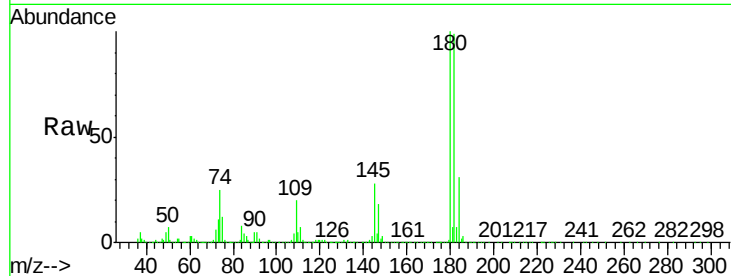
#89
 1,2,4-Trichlorobenzene
 Concen: 19.319 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	137836		
182	96.5	76.4	114.6	
145	28.0	21.8	32.6	

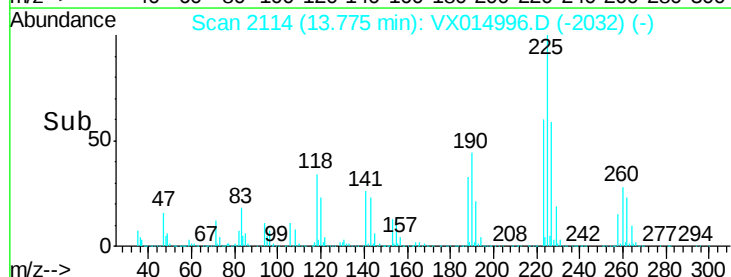
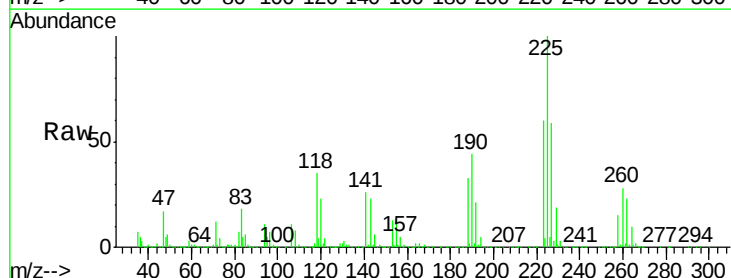
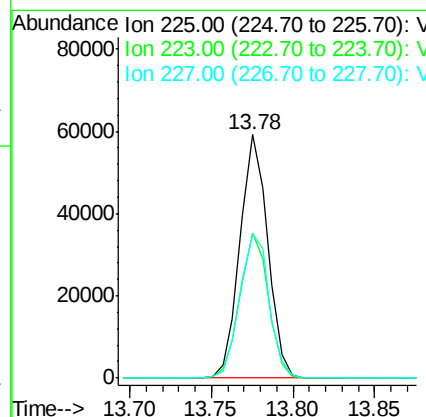
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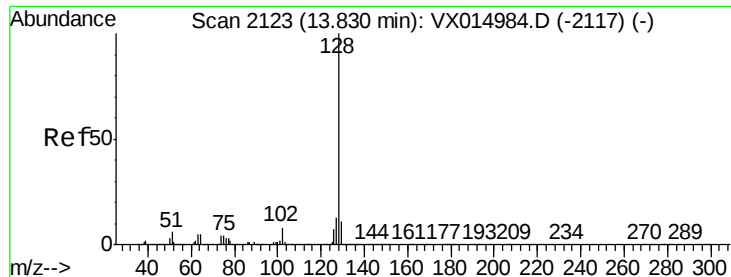
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#90
 Hexachlorobutadiene
 Concen: 19.932 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	70626		
223	61.0	0.0	132.0	
227	62.2	0.0	131.0	





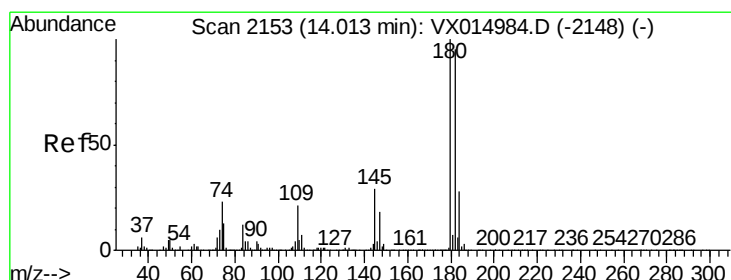
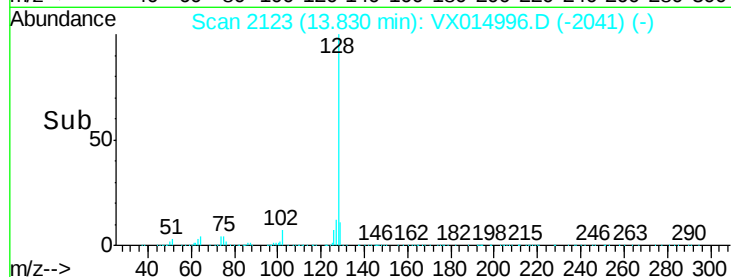
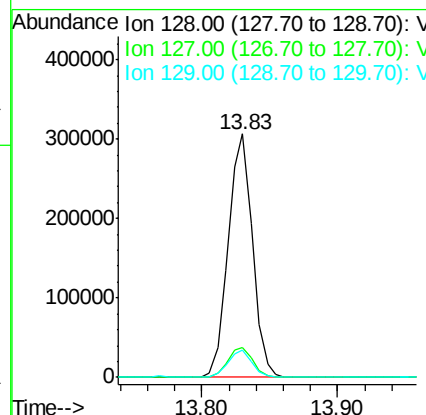
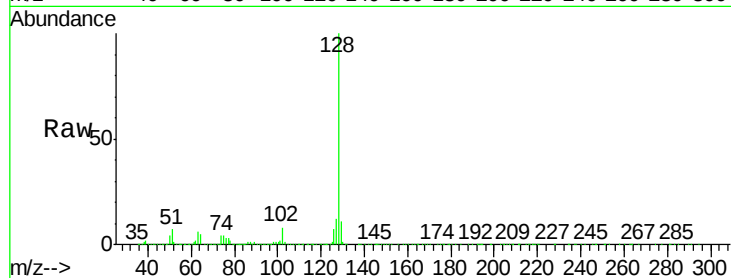
#91
Naphthalene
Concen: 18.718 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.1	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 19.293 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	0.0	192.4
145	29.8	0.0	60.4

