

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX043020\
 Data File : VX015987.D
 Acq On : 30 Apr 2020 10:32
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 3:10:08 PM

Quant Time: Apr 30 12:40:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:23:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	53346	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	301886	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	273879	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	125825	30.25	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.83%
60) 4-Bromofluorobenzene	11.12	95	133526	28.79	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.97%
63) Toluene-d8	8.70	98	359092	30.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	13706	4.353	ug/l 97
3) Chloromethane	1.32	50	16591	4.824	ug/l 92
4) Vinyl Chloride	1.39	62	20155	5.746	ug/l 95
5) Bromomethane	1.62	94	14578	7.388	ug/l 99
6) Chloroethane	1.71	64	13209	5.937	ug/l 97
7) Trichlorofluoromethane	1.92	101	28484	5.706	ug/l 99
8) Diethyl Ether	2.17	74	12400	6.437	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	16043	5.480	ug/l 99
10) 1,1-Dichloroethene	2.35	96	15935	5.373	ug/l 98
11) Methyl Iodide	2.49	142	18177	4.615	ug/l 95
12) Methyl Acetate	2.75	43	24215	5.119	ug/l 96
13) Acrolein	2.27	56	11248	22.647	ug/l 98
14) Acrylonitrile	3.12	53	49203	26.386	ug/l 99
15) Acetone	2.42	58	13492	28.135	ug/l 97
16) Carbon Disulfide	2.55	76	49628	5.642	ug/l 99
17) Allyl chloride	2.71	41	28694	4.605	ug/l 96
18) Methylene Chloride	2.83	84	17910	5.396	ug/l 95
19) trans-1,2-Dichloroethene	3.14	96	17028	5.299	ug/l 97
20) Diisopropyl ether	3.82	45	55340	4.868	ug/l 93
21) 1,1-Dichloroethane	3.67	63	31235	5.181	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	19727	5.368	ug/l 97
23) tert-Butyl Alcohol	3.01	59	23968	26.236	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	55363	5.120	ug/l 99
25) Chloroform	5.18	83	32132	5.328	ug/l 100
26) Cyclohexane	5.54	56	28158	4.936	ug/l # 99
29) 1,1-Dichloropropene	5.76	75	23577	5.122	ug/l 98
30) 2-Butanone	4.63	43	68349	24.926	ug/l 99
31) 2,2-Dichloropropane	4.55	77	29306	5.294	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	28746	5.139	ug/l 98
33) Carbon Tetrachloride	5.76	117	25664	5.063	ug/l 98
34) Benzene	6.11	78	69155	5.191	ug/l 99
35) Methacrylonitrile	5.00	41	14898	4.906	ug/l 93
36) 1,2-Dichloroethane	6.16	62	27204	5.345	ug/l # 89
37) Trichloroethene	7.19	130	27378	6.519	ug/l 99
38) Methylcyclohexane	7.44	83	29312	5.216	ug/l 99
39) 1,2-Dichloropropane	7.49	63	18153	5.167	ug/l 93
40) Dibromomethane	7.64	93	12364	5.185	ug/l 99

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

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Quant Time: Apr 30 12:40:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:23:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.88	83	25211	4.993	ug/l	100
42) Vinyl Acetate	3.78	43	232742	23.961	ug/l	100
43) Ethyl Acetate	4.79	43	27677	4.684	ug/l	99
44) Isopropyl Acetate	6.41	43	44204	4.767	ug/l	99
45) 1,4-Dioxane	7.71	88	9593	107.204	ug/l	97
46) Methyl methacrylate	7.74	41	20279	4.471	ug/l	95
47) n-amyl Acetate	10.88	43	37136	4.608	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	28330	4.852	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	30006	4.973	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	17135	5.070	ug/l	96
51) Ethyl methacrylate	9.16	69	26440	4.633	ug/l	97
52) 1,3-Dichloropropane	9.35	76	30115	5.153	ug/l	98
53) Dibromochloromethane	9.57	129	18150	4.482	ug/l	96
54) 1,2-Dibromoethane	9.65	107	18891	5.156	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	88765	31.824	ug/l	99
56) Bromoform	10.84	173	12840	3.987	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	132821	25.496	ug/l	100
59) 2-Hexanone	9.47	43	101422	25.416	ug/l	99
61) Tetrachloroethene	9.32	164	28911	6.762	ug/l	98
62) Toluene	8.76	91	76171	5.434	ug/l	99
64) Chlorobenzene	10.12	112	47455	5.266	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	17465	4.870	ug/l	97
66) Ethyl Benzene	10.24	91	84085	5.272	ug/l	99
67) m/p-Xylenes	10.34	106	63501	10.459	ug/l	97
68) o-Xylene	10.68	106	30253	5.139	ug/l	100
69) Styrene	10.69	104	48687	4.784	ug/l	98
70) Isopropylbenzene	11.00	105	83438	5.308	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	10051	2.418	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	25186m	5.266	ug/l	
73) Bromobenzene	11.24	156	20647	4.981	ug/l	98
74) n-propylbenzene	11.35	91	96535	5.337	ug/l	100
75) 2-Chlorotoluene	11.40	91	57136	5.256	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	68681	5.124	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	9876	4.815	ug/l	99
78) 4-Chlorotoluene	11.49	91	66036	5.215	ug/l	98
79) tert-butylbenzene	11.76	119	59071	4.663	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	69498	5.147	ug/l	100
81) sec-Butylbenzene	11.93	105	78757	5.107	ug/l	99
82) p-Isopropyltoluene	12.05	119	73385	5.071	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	38100	5.117	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	37285	5.033	ug/l	98
85) n-Butylbenzene	12.37	91	66399	5.127	ug/l	98
86) Hexachloroethane	12.58	117	12436	4.616	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	36380	5.025	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	6229	4.832	ug/l	95
89) 1,2,4-Trichlorobenzene	13.63	180	26932	4.738	ug/l	98
90) Hexachlorobutadiene	13.76	225	11323	3.961	ug/l	98
91) Naphthalene	13.82	128	82998	4.942	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	25274	4.549	ug/l	98

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

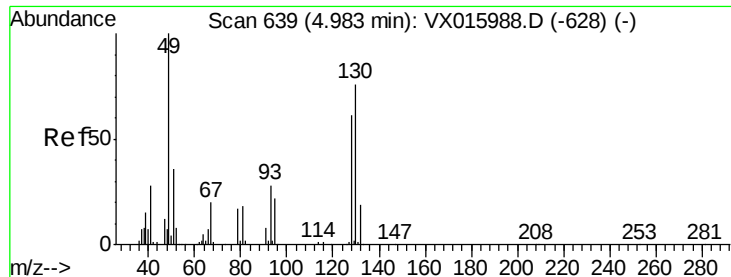
Manual Integrations
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Quant Time: Apr 30 12:40:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:23:54 2020
Response via : Initial Calibration

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



#1

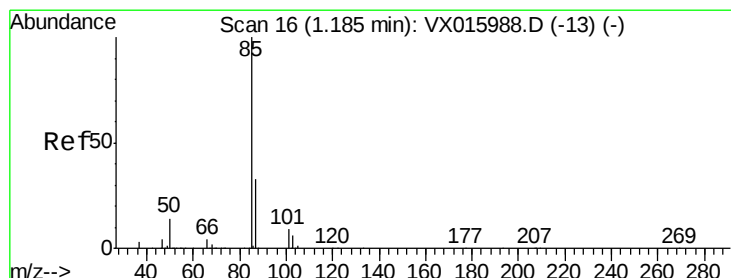
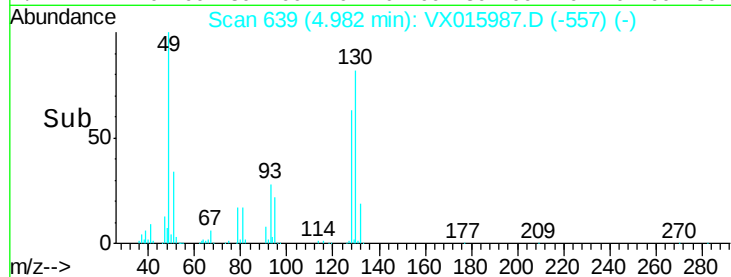
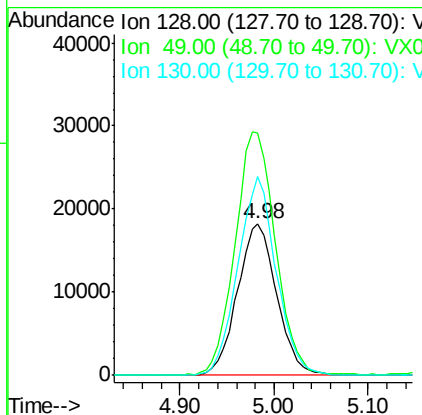
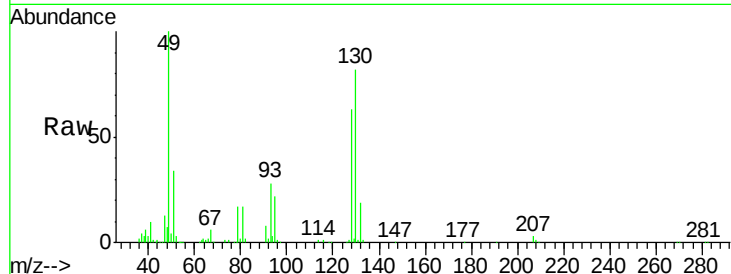
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
49	165.0	0.0	418.5
130	127.6	0.0	326.3

Manual Integrations
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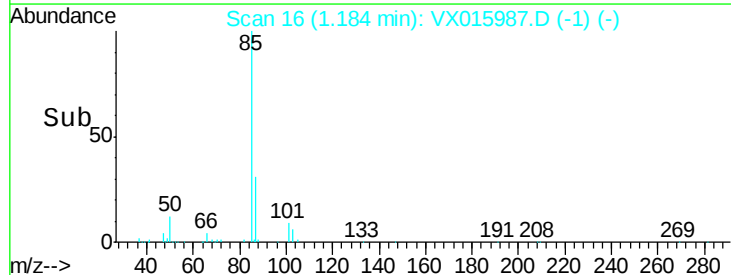
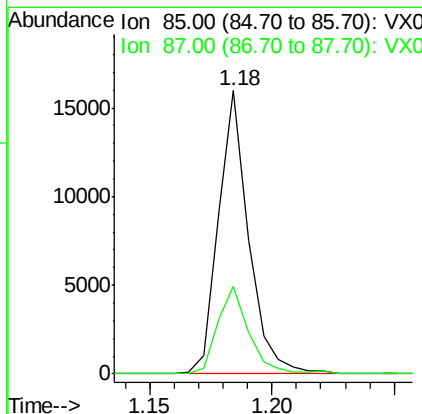
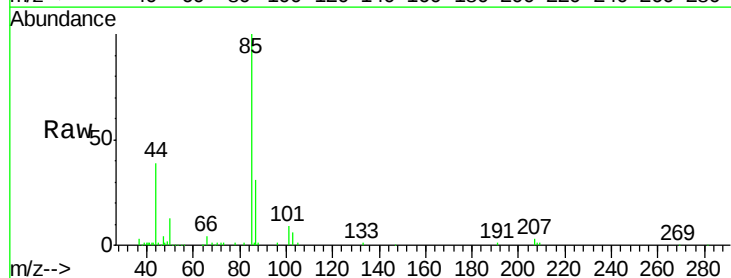
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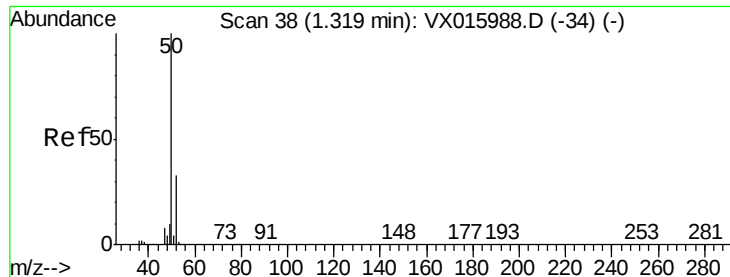


#2

Dichlorodifluoromethane
Concen: 4.353 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	16.6	49.7





#3

Chloromethane

Concen: 4.824 ug/l

RT: 1.32 min Scan# 38

Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 16591

Ion Ratio Lower Upper

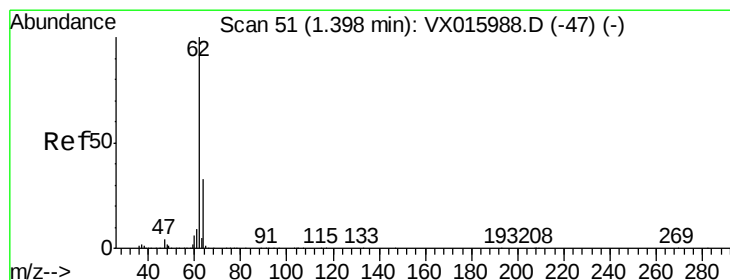
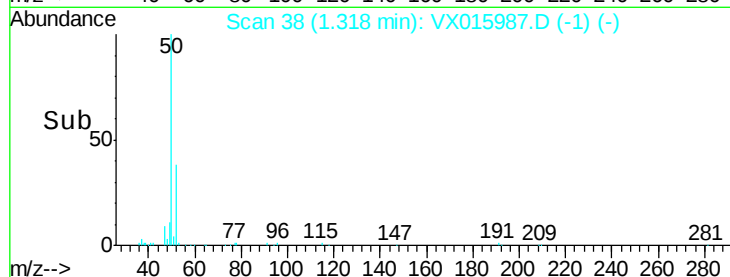
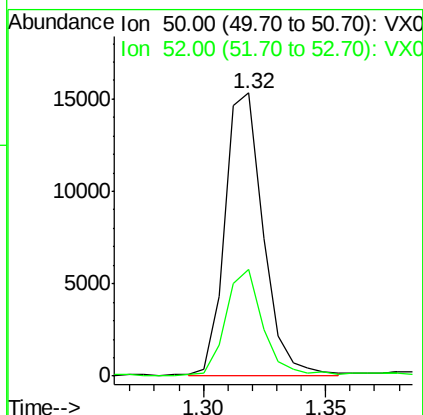
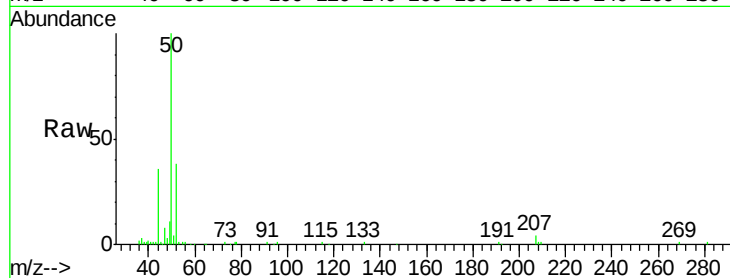
50 100

52 37.6 26.5 39.7

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#4

Vinyl Chloride

Concen: 5.746 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX015987.D

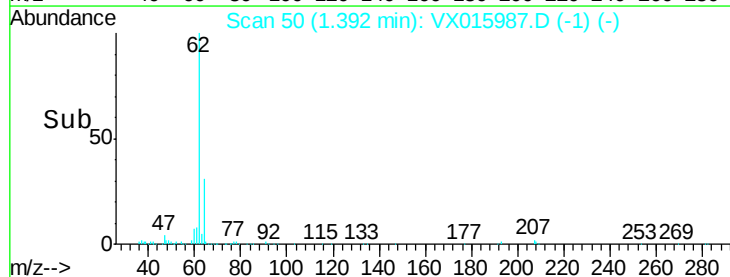
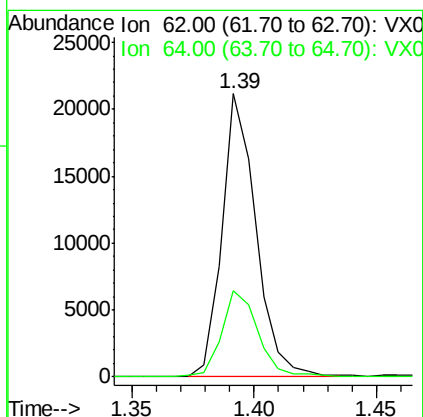
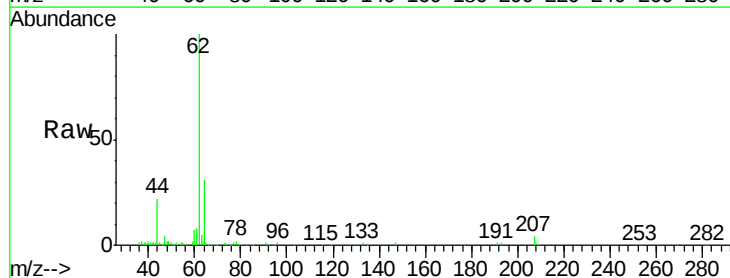
Acq: 30 Apr 2020 10:32

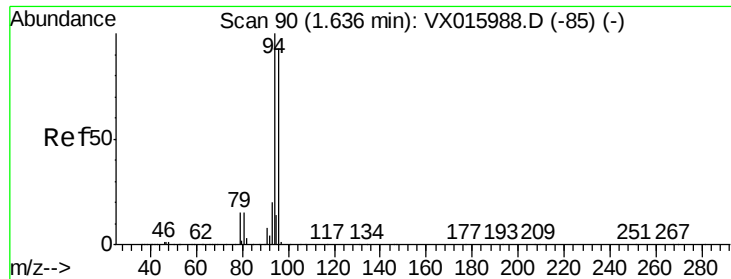
Tgt Ion: 62 Resp: 20155

Ion Ratio Lower Upper

62 100

64 30.3 26.3 39.5





#5

Bromomethane

Concen: 7.388 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 14578

Ion Ratio Lower Upper

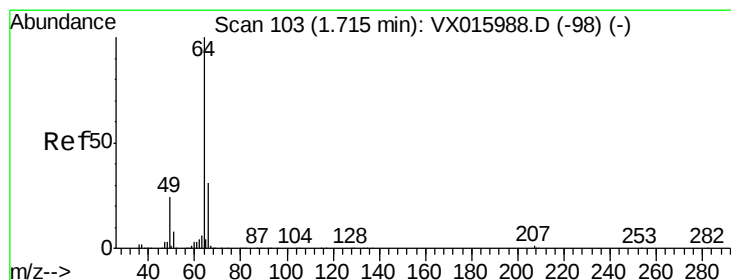
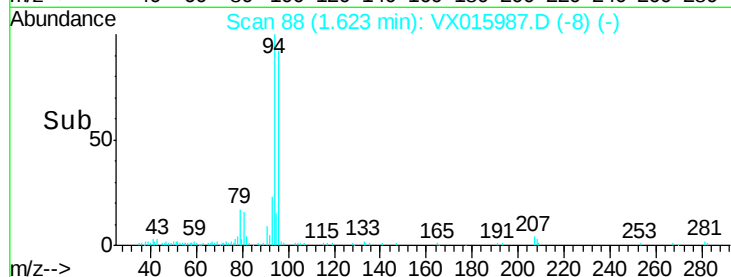
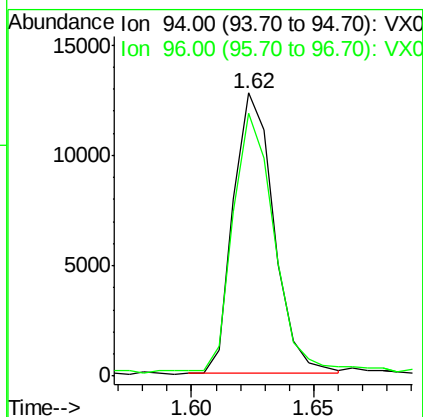
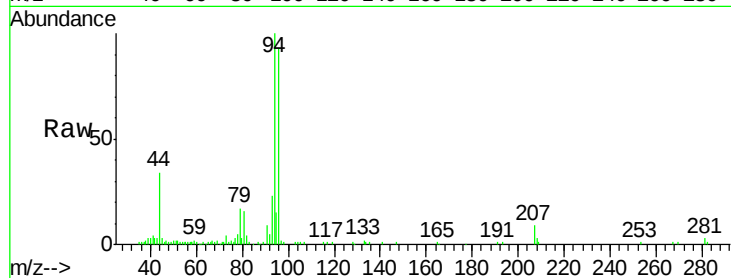
94 100

96 91.9 74.2 111.2

Manual Integrations
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#6

Chloroethane

Concen: 5.937 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX015987.D

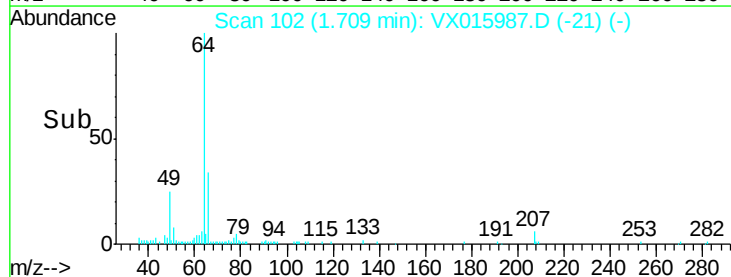
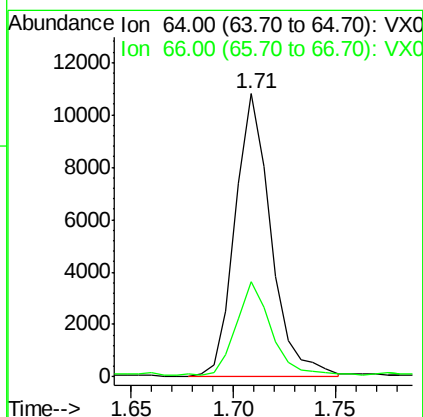
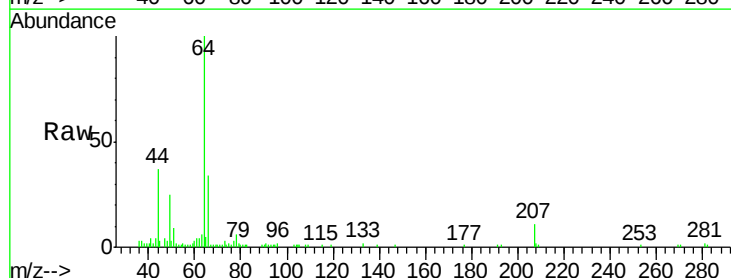
Acq: 30 Apr 2020 10:32

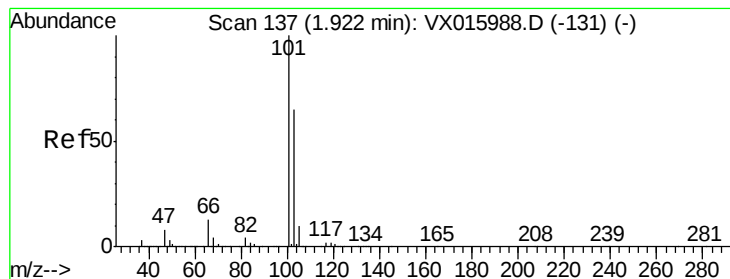
Tgt Ion: 64 Resp: 13209

Ion Ratio Lower Upper

64 100

66 32.6 24.9 37.3





#7

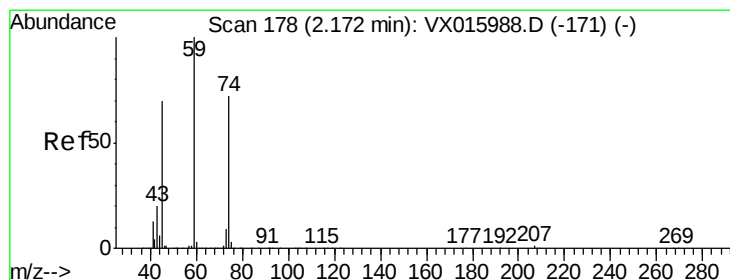
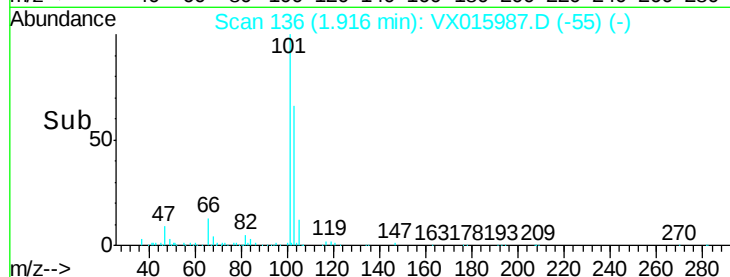
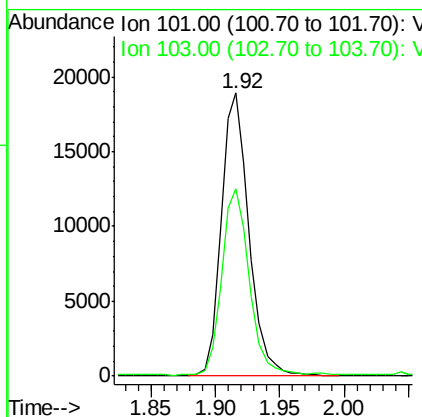
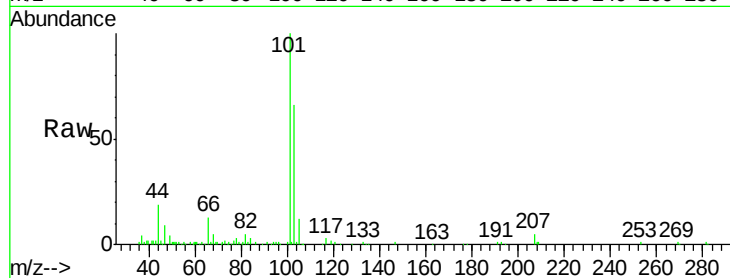
Trichlorofluoromethane
Concen: 5.706 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.8	77.8

Manual Integrations
APPROVED

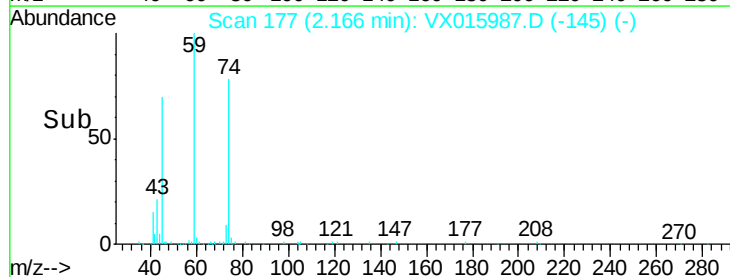
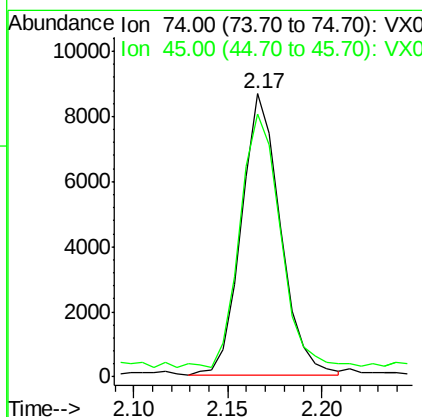
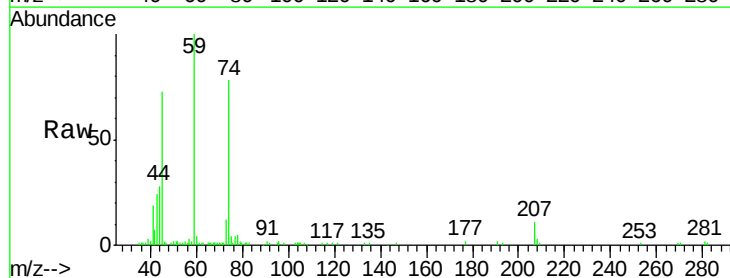
MMDadoda
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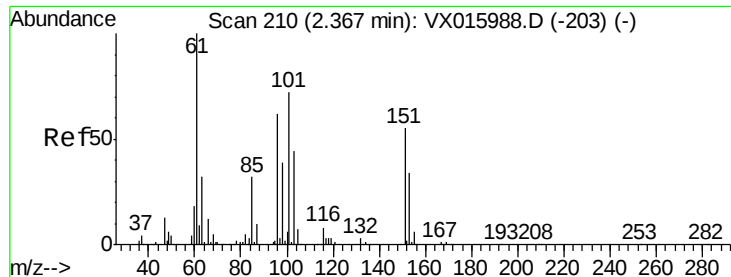


#8

Diethyl Ether
Concen: 6.437 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	19.4	174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.480 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

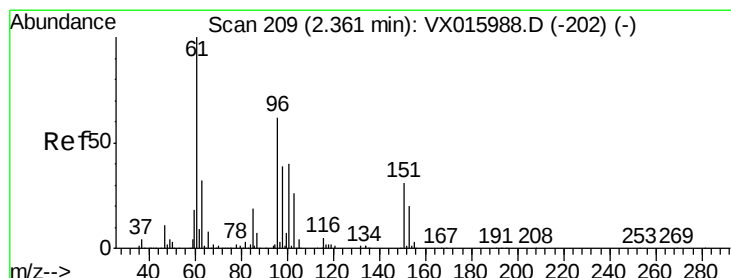
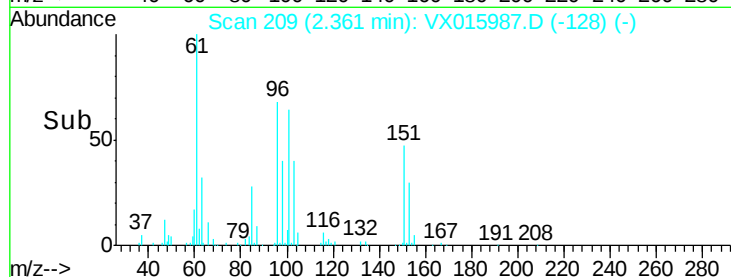
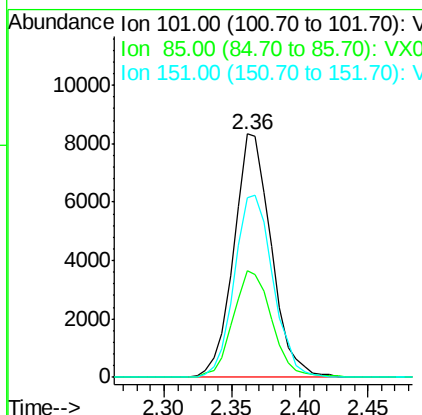
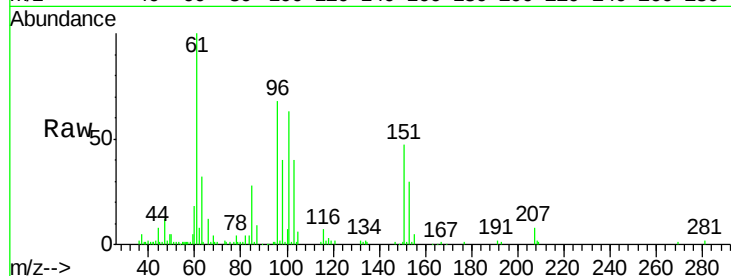
ClientSampled :

VSTDIC005

Tot Ion:	101	Resp:	16043
Ion Ratio	Lower	Upper	
101	100		
85	45.4	0.0	90.6
151	77.0	0.0	157.0

Manual Integrations
APPROVED

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5/4/2020 3:10:08 PM



#10

1,1-Dichloroethene

Concen: 5.373 ug/l

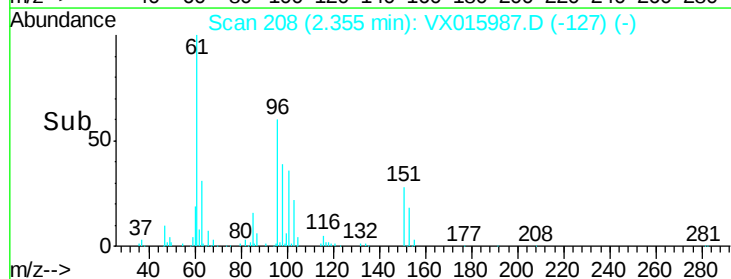
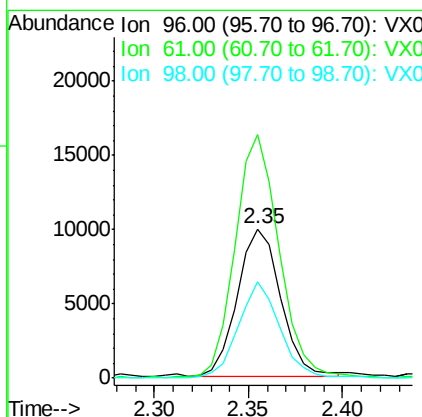
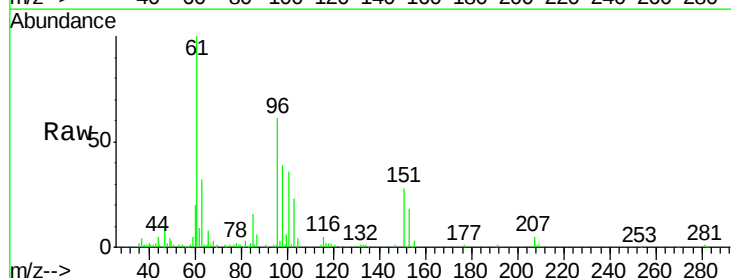
RT: 2.35 min Scan# 208

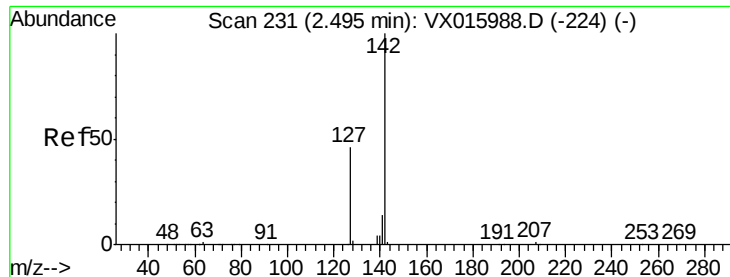
Delta R.T. -0.01 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Tgt Ion:	96	Resp:	15935
Ion Ratio	Lower	Upper	
96	100		
61	164.6	129.8	194.8
98	65.5	51.1	76.7





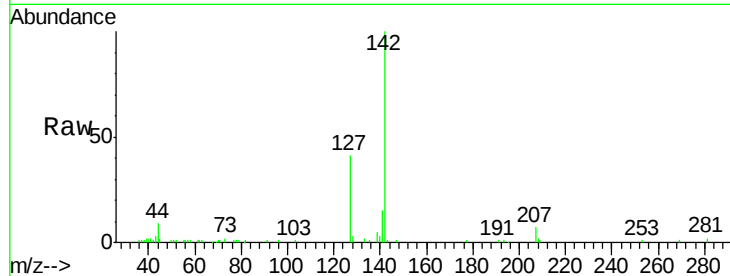
#11
Methvl Iodide
Concen: 4.615 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

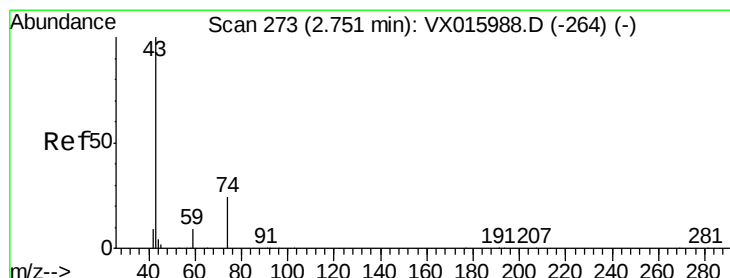
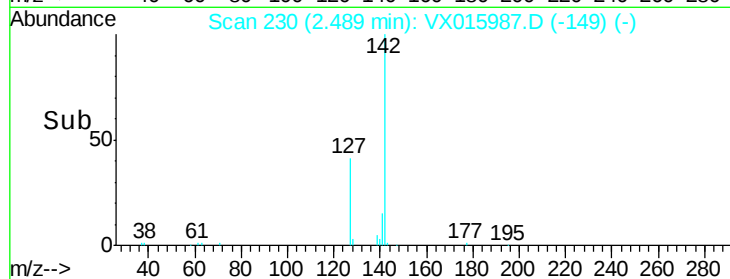
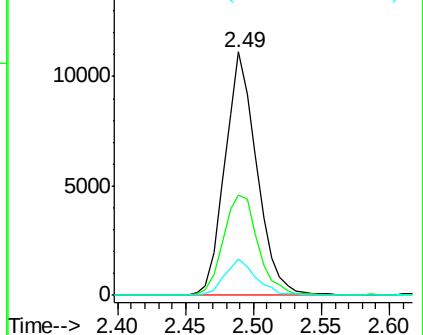
Tot Ion	Ratio	Lower	Upper
142	100		
127	41.4	22.8	68.4
141	14.9	7.0	21.1

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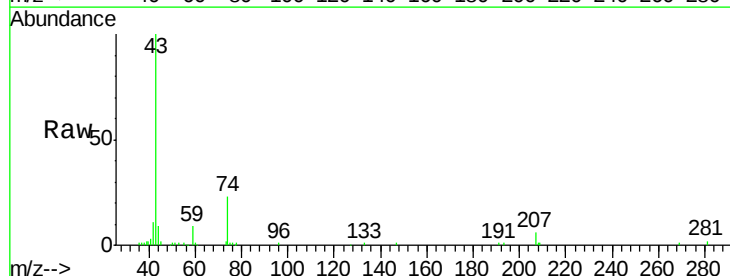


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

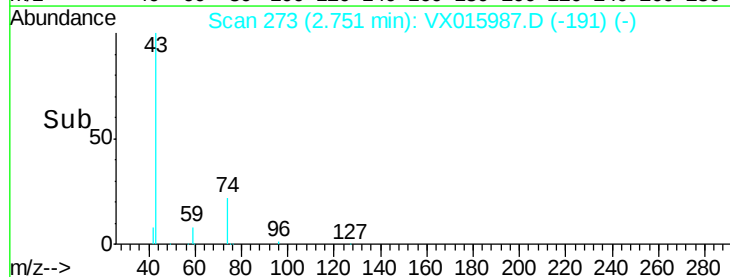
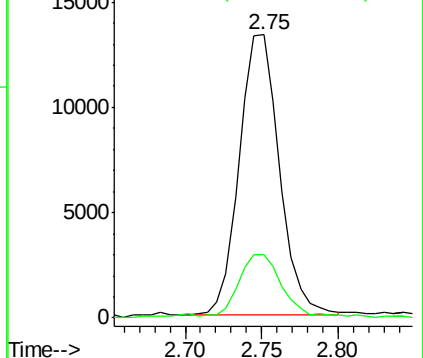


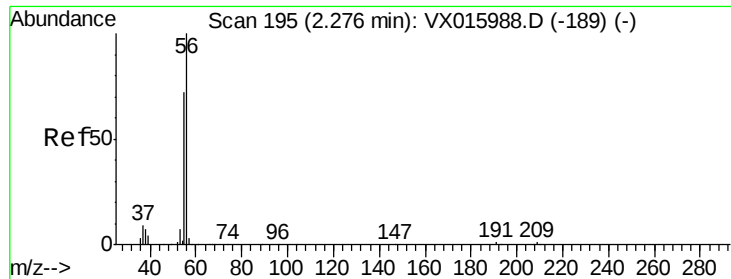
#12
Methyl Acetate
Concen: 5.119 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	19.0	28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





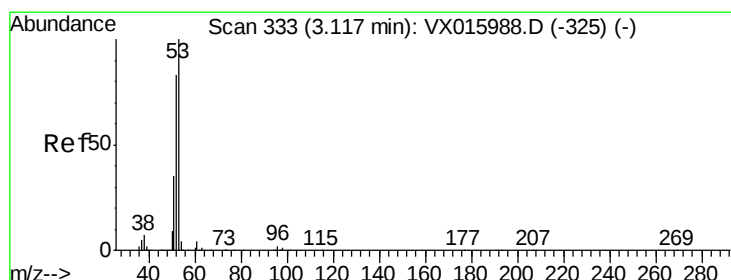
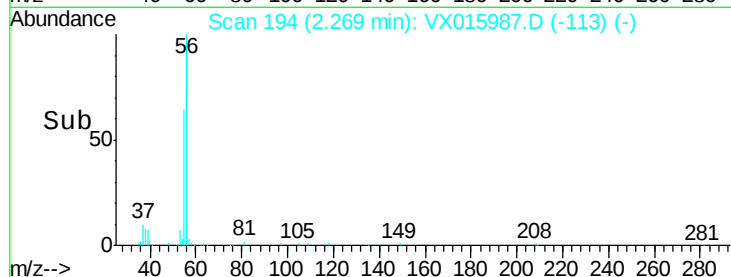
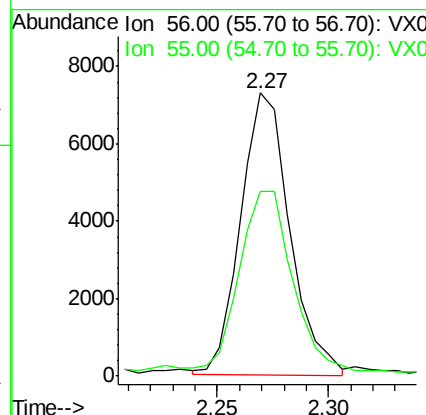
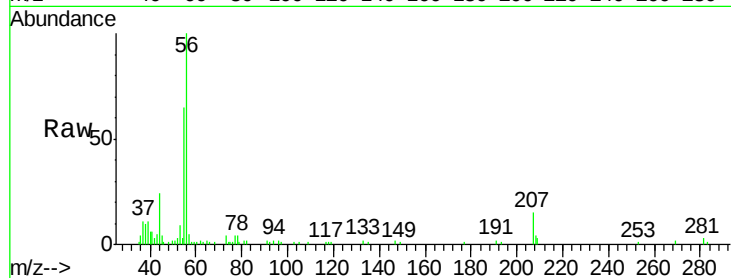
#13
Acrolein
Concen: 22.647 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	69.0	56.2	84.4	

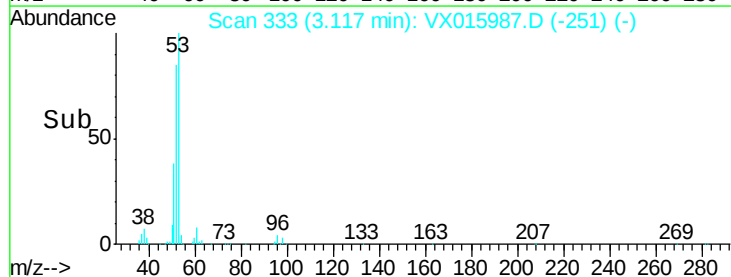
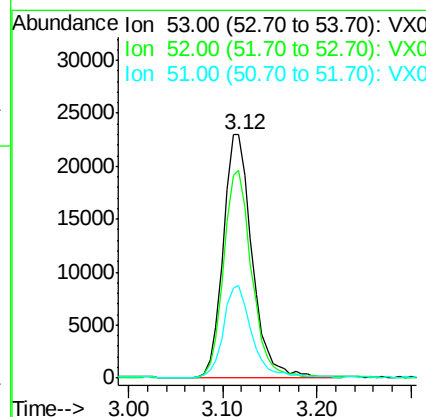
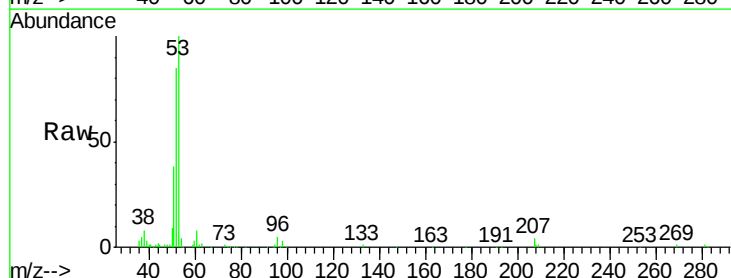
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#14
Acrylonitrile
Concen: 26.386 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.2	41.2	123.6	
51	37.5	17.8	53.5	





#15

Acetone

Concen: 28.135 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 58 Resp: 13492

Ion Ratio Lower Upper

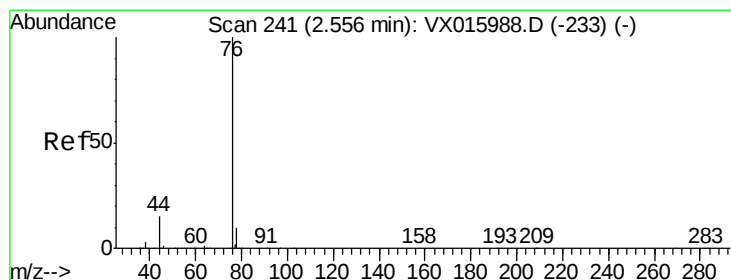
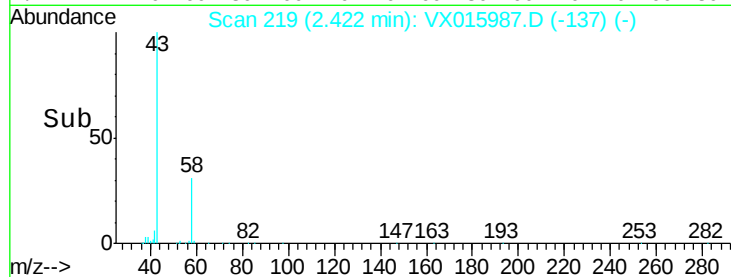
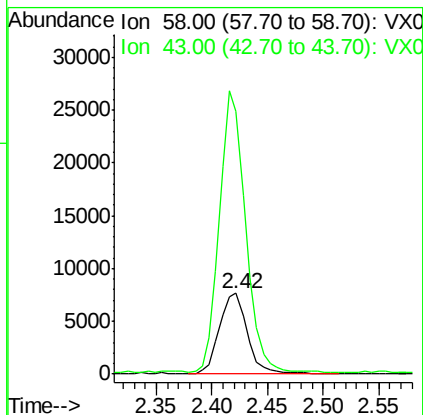
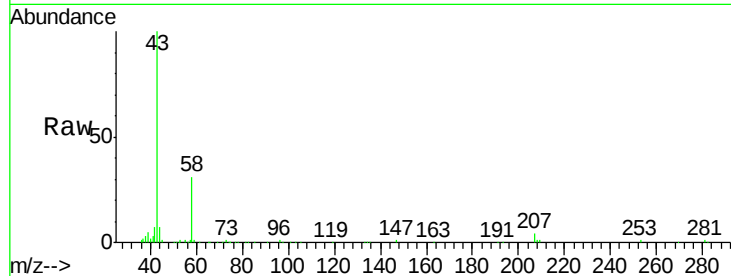
58 100

43 323.2 264.2 396.2

Manual Integrations
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#16

Carbon Disulfide

Concen: 5.642 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX015987.D

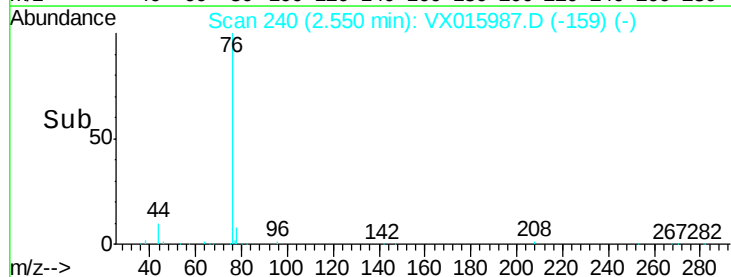
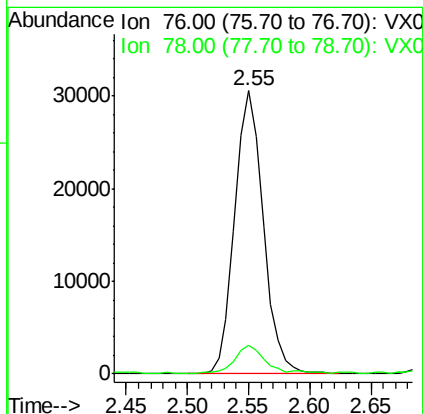
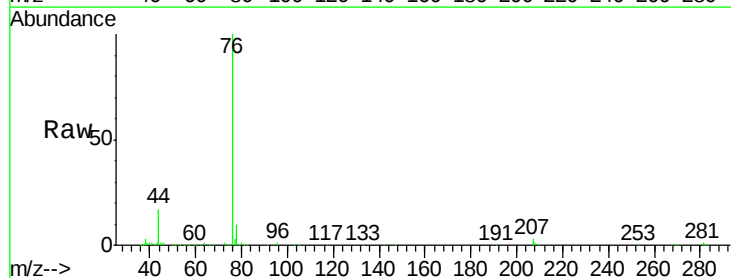
Acq: 30 Apr 2020 10:32

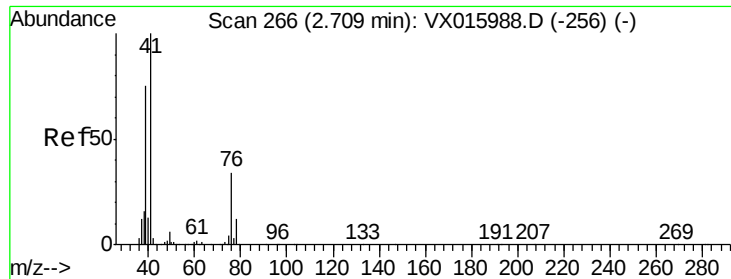
Tgt Ion: 76 Resp: 49628

Ion Ratio Lower Upper

76 100

78 10.0 7.7 11.5





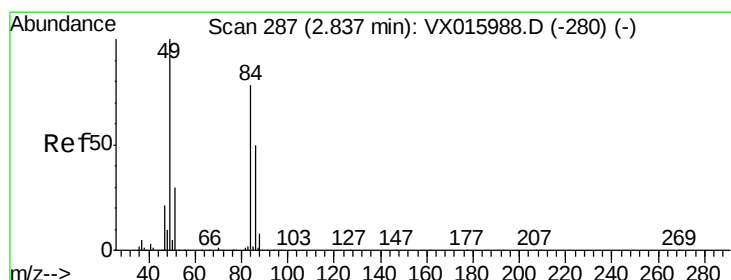
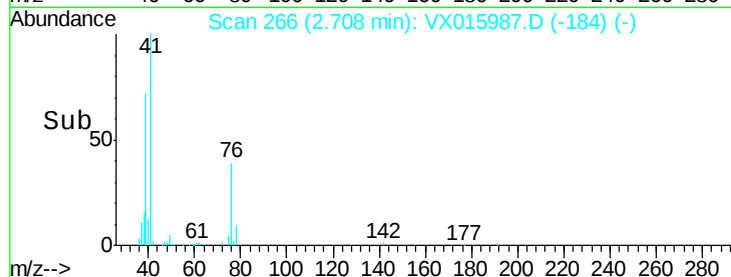
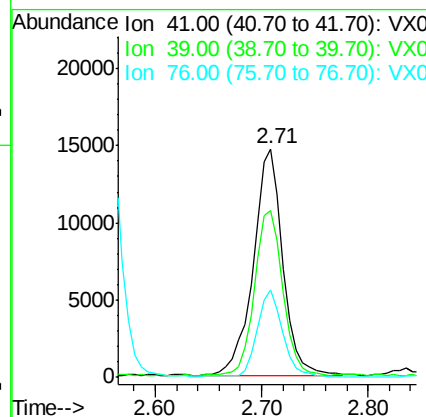
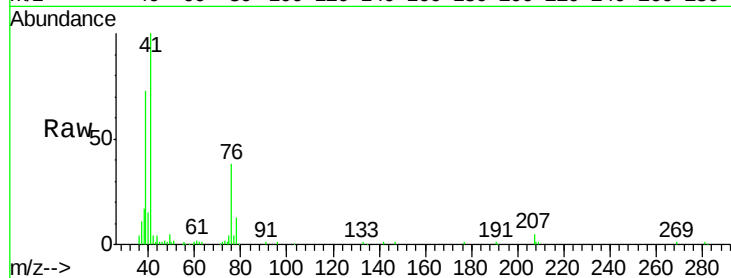
#17
Allvl chloride
Concen: 4.605 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.5	37.6	112.8
76	38.3	17.2	51.5

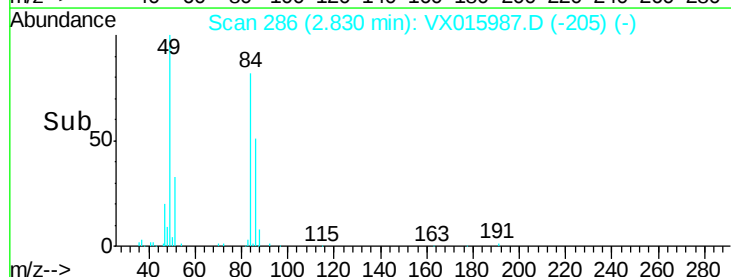
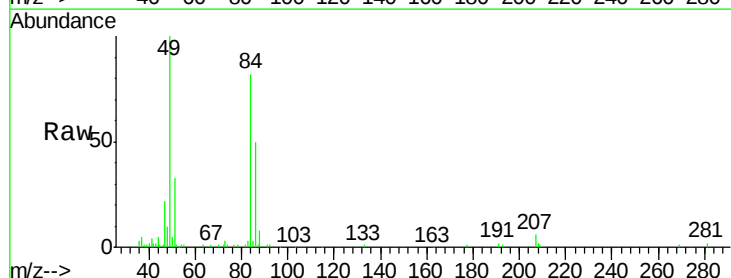
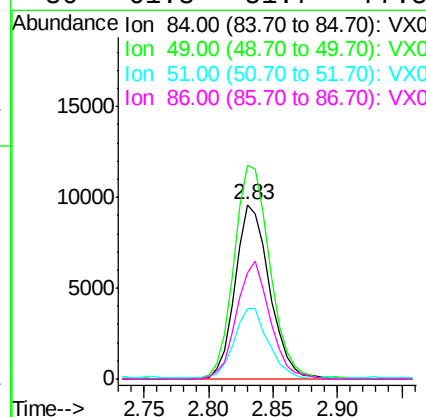
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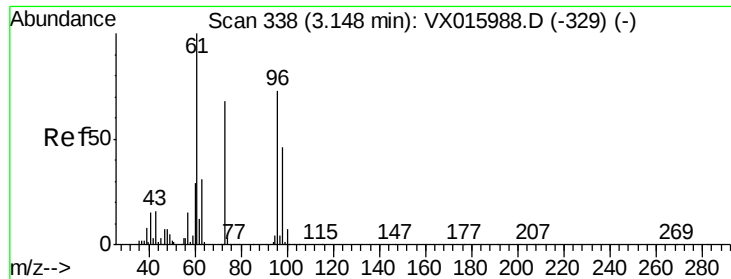
MMDadoda
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#18
Methylene Chloride
Concen: 5.396 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.0	103.0	154.4
51	40.0	31.4	47.0
86	61.3	51.7	77.5





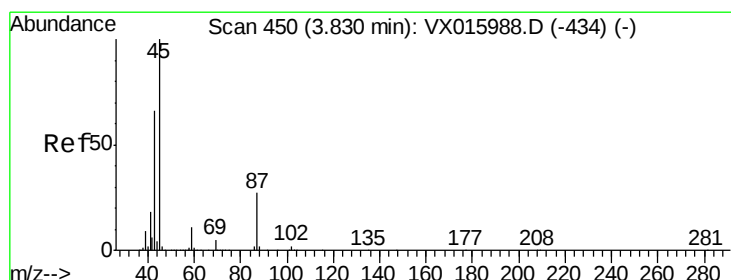
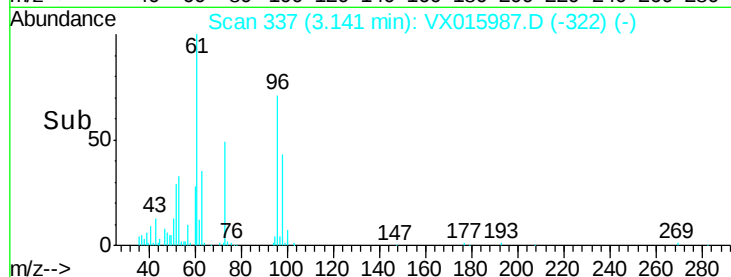
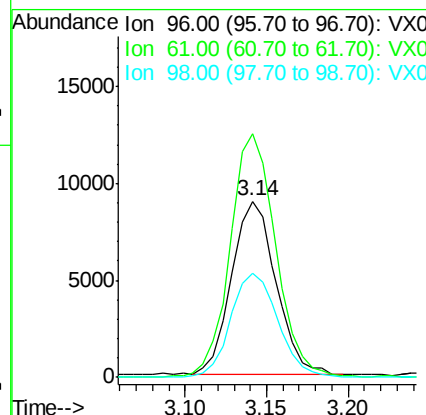
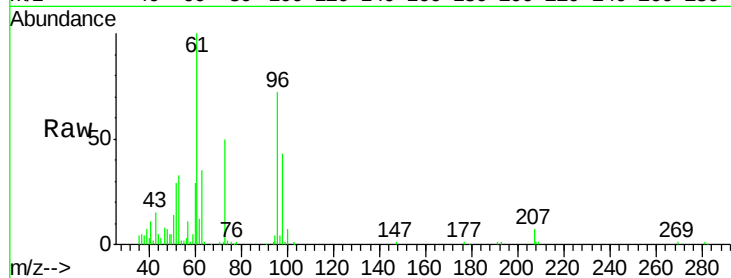
#19
trans-1,2-Dichloroethene
Concen: 5.299 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.6	109.0	163.4
98	60.5	50.0	75.0

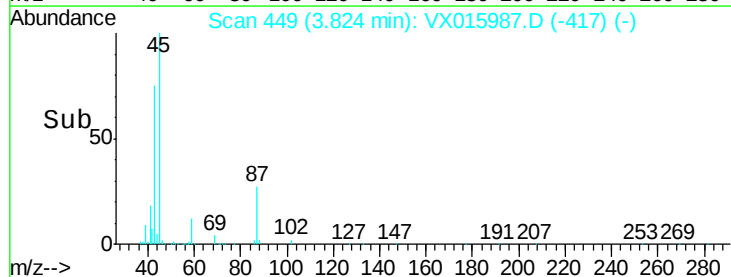
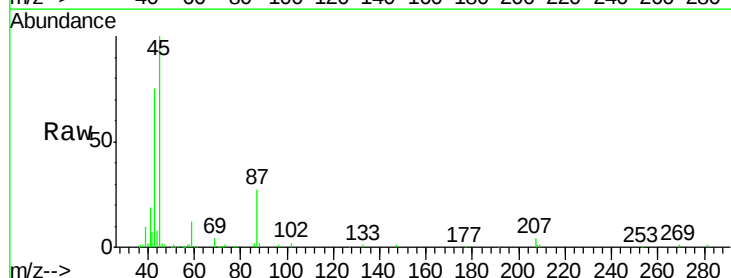
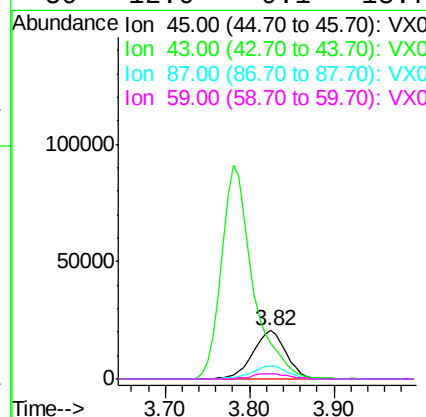
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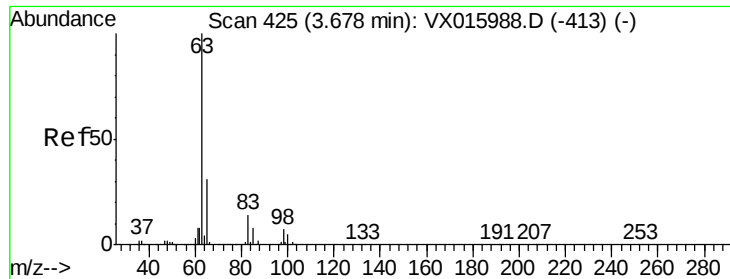
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#20
Diisopropyl ether
Concen: 4.868 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	74.0	53.0	79.4
87	27.0	21.9	32.9
59	12.0	9.1	13.7





#21

1,1-Dichloroethane

Concen: 5.181 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.01 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

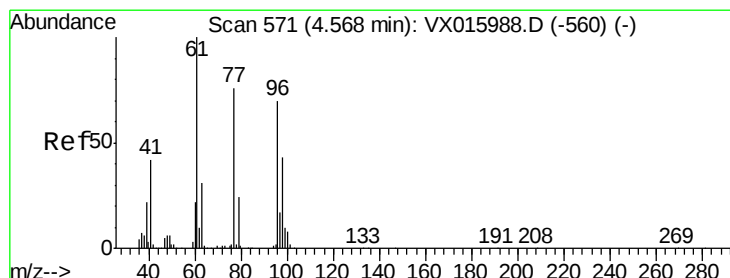
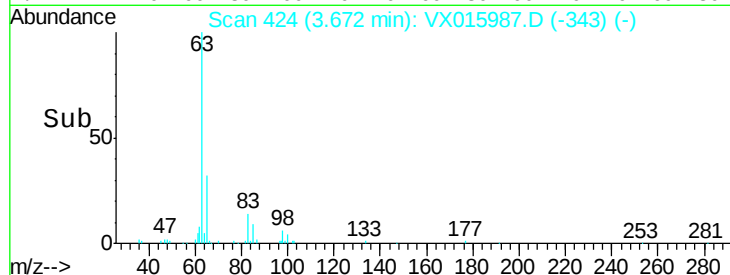
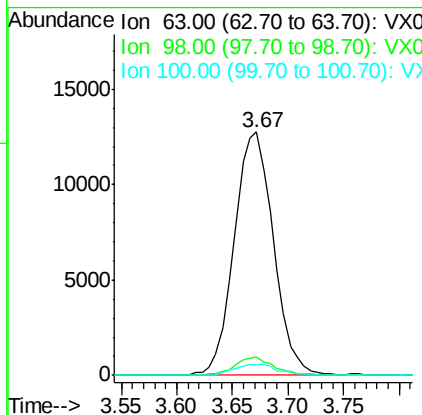
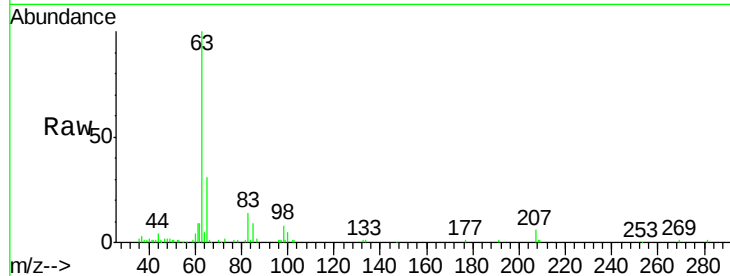
ClientSampleId :

VSTDIC005

Tot Ion:	63	Resp:	31235
Ion Ratio	Lower	Upper	
63	100		
98	7.7	3.5	10.4
100	4.6	2.3	6.9

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 5.368 ug/l

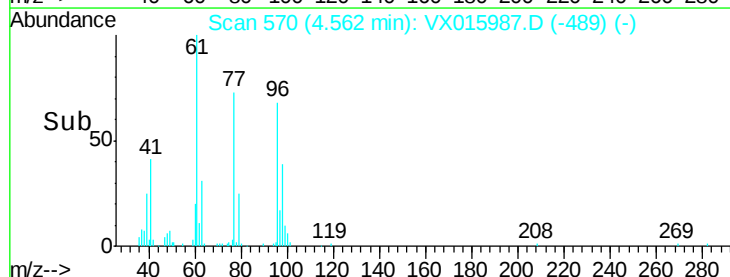
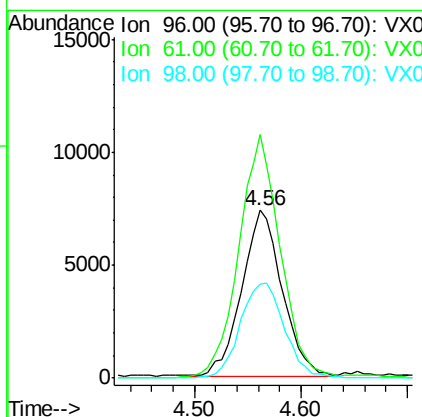
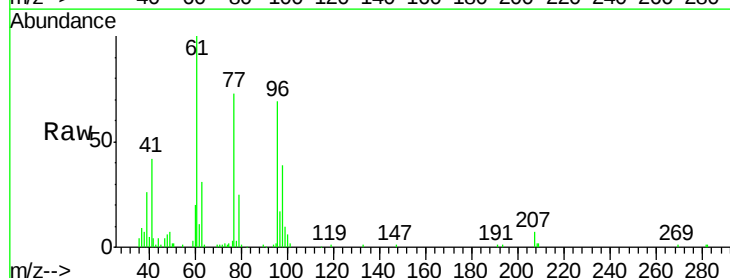
RT: 4.56 min Scan# 570

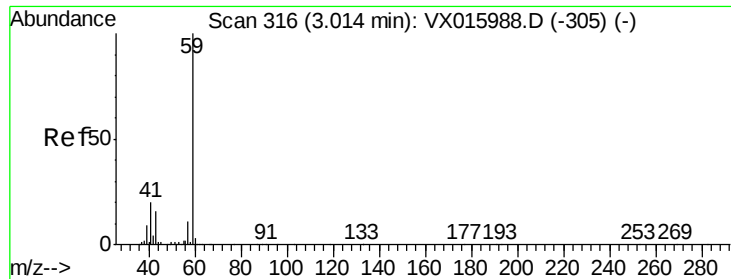
Delta R.T. -0.01 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Tgt Ion:	96	Resp:	19727
Ion Ratio	Lower	Upper	
96	100		
61	149.2	121.6	182.4
98	62.1	51.9	77.9





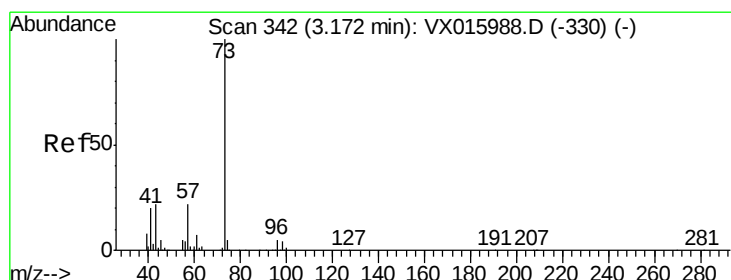
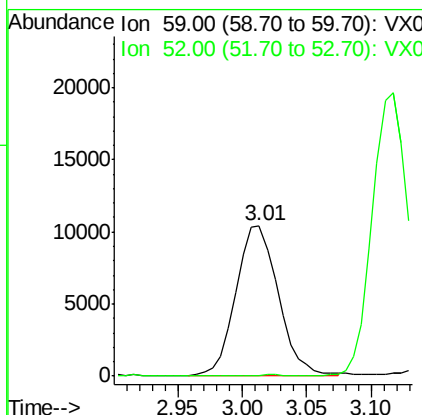
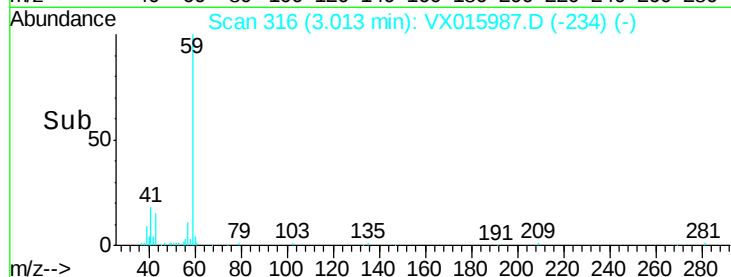
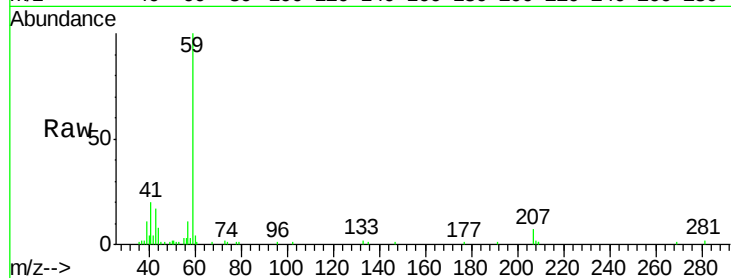
#23
tert-Butyl Alcohol
Concen: 26.236 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
52	52	0.7	0.1	0.1#

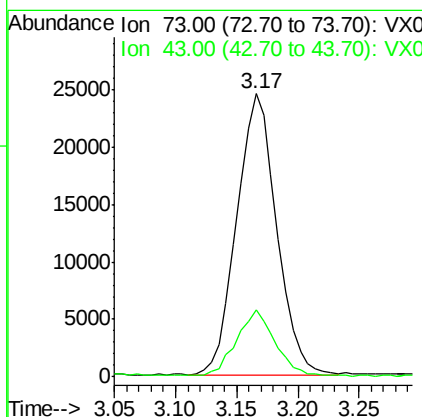
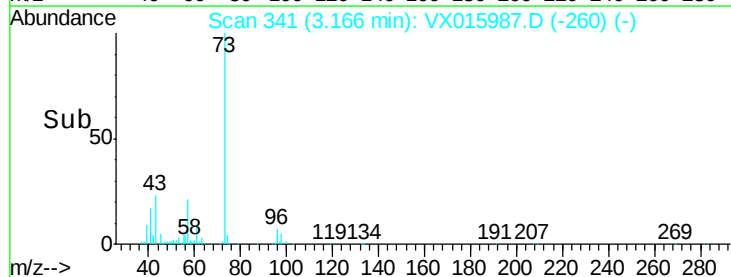
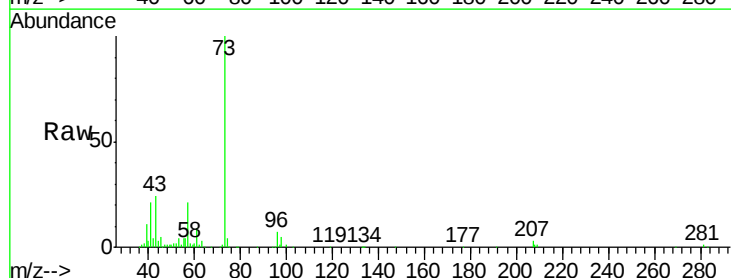
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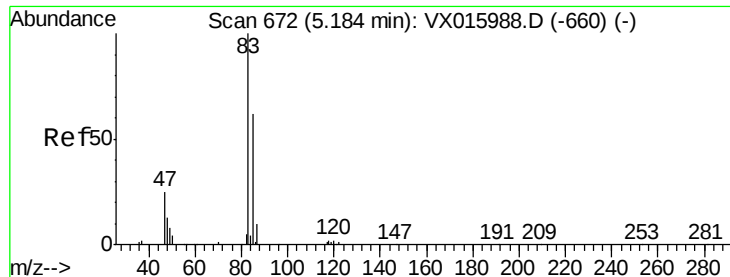
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#24
Methyl tert-Butyl Ether
Concen: 5.120 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion	Ion	Ratio	Lower	Upper
73	73	100		
43	43	21.8	17.8	26.6





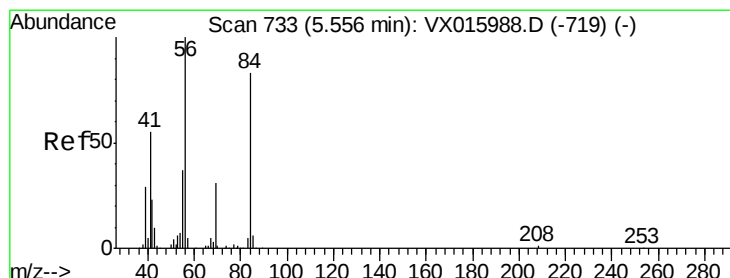
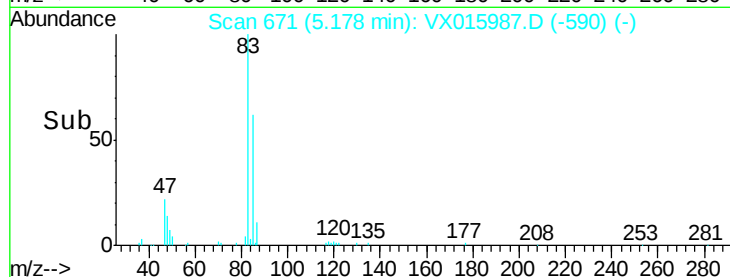
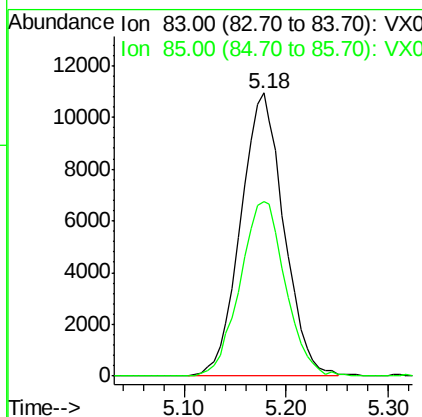
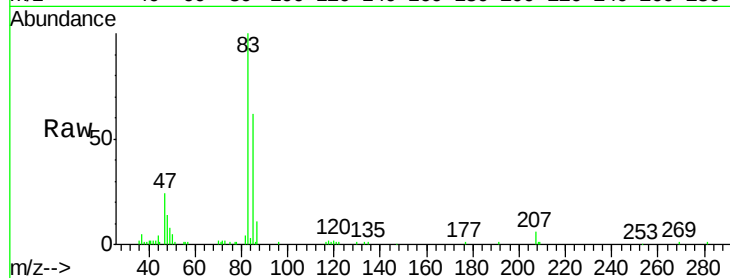
#25
Chloroform
Concen: 5.328 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	32132
Ion Ratio	100	Lower	Upper
83	100		
85	61.7	49.6	74.4

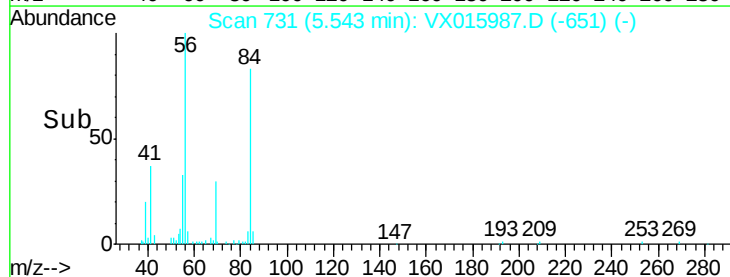
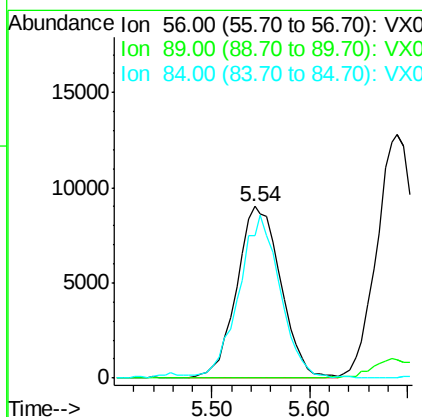
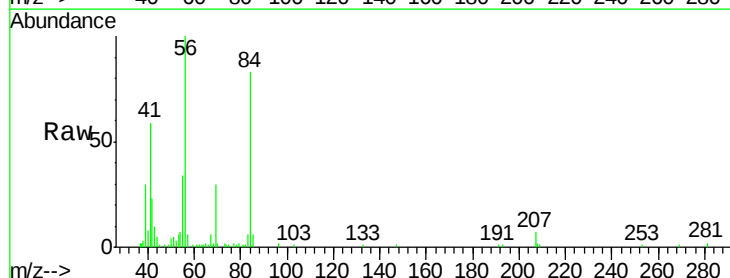
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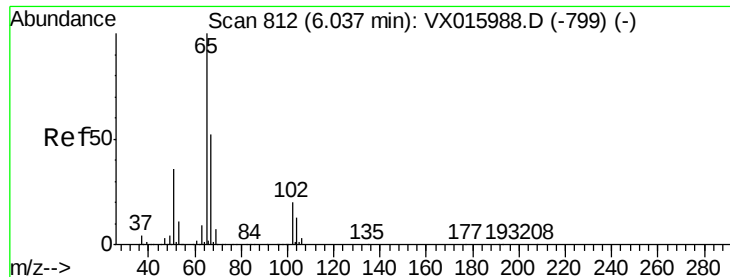
MMDadoda
5/4/2020 3:10:08 PM



#26
Cyclohexane
Concen: 4.936 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion	56	Resp	28158
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	88.7	70.1	105.1





#27

1,2-Dichloroethane-d4

Concen: 30.254 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 125825

Ion Ratio Lower Upper

65 100

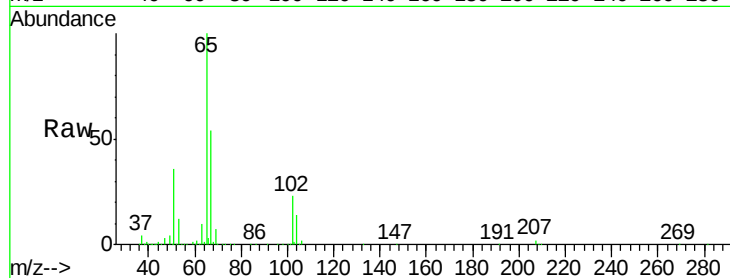
67 51.3 41.0 61.4

Manual Integrations

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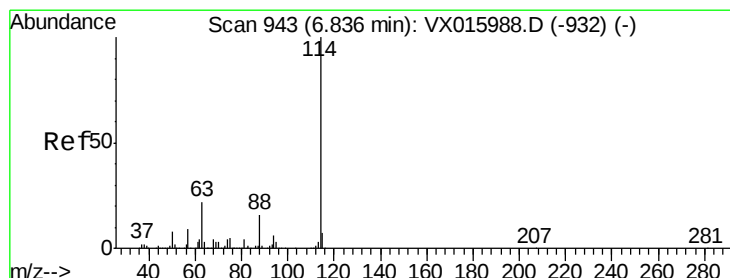
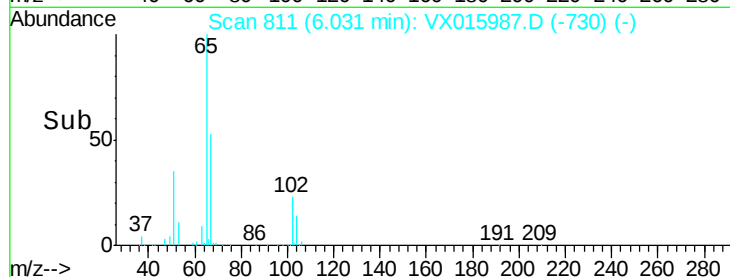
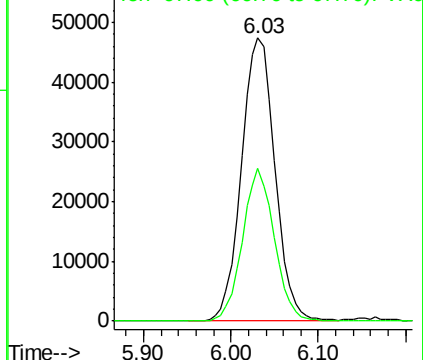
MMDadoda

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

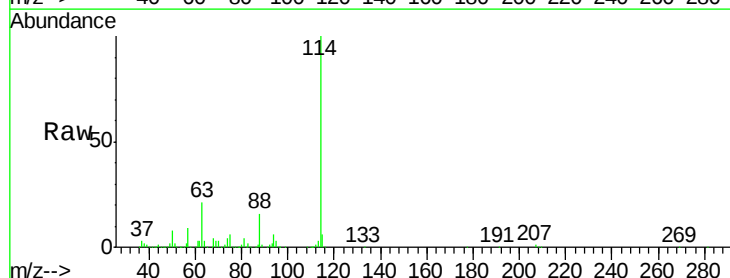
Tgt Ion: 114 Resp: 301886

Ion Ratio Lower Upper

114 100

63 20.9 17.1 25.7

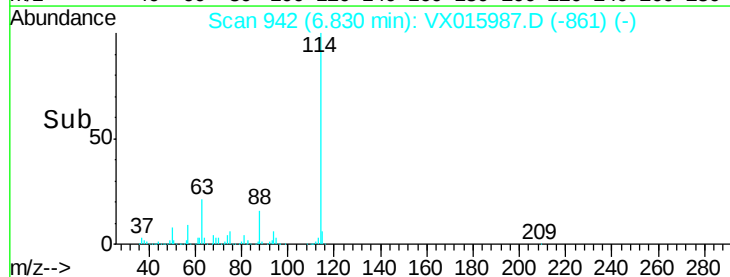
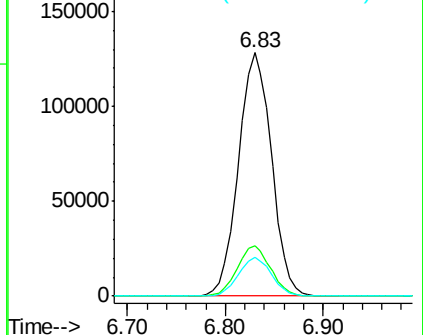
88 15.9 13.0 19.4

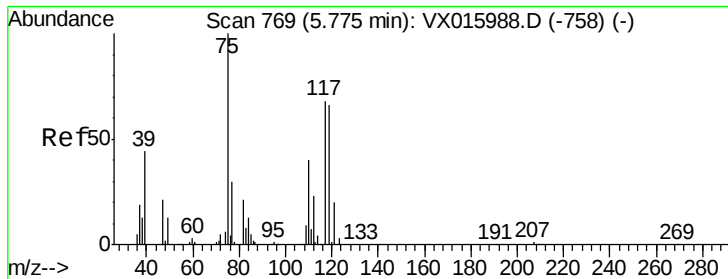


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





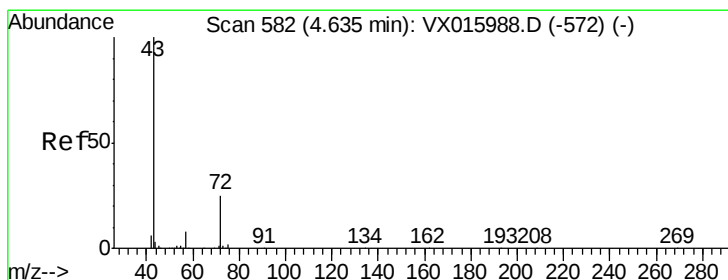
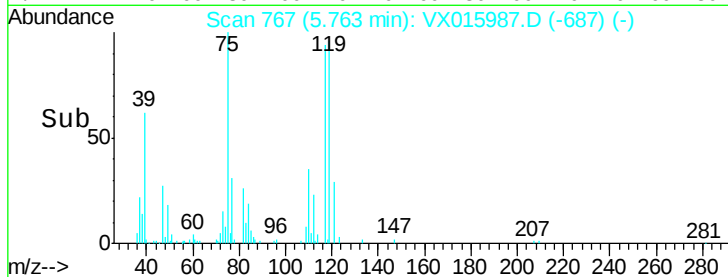
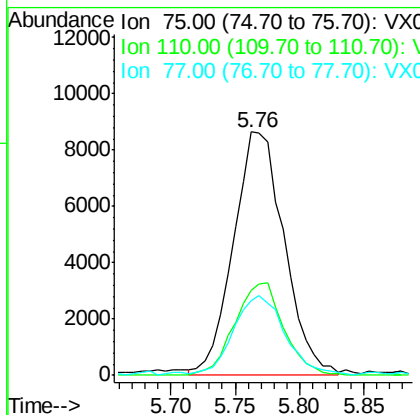
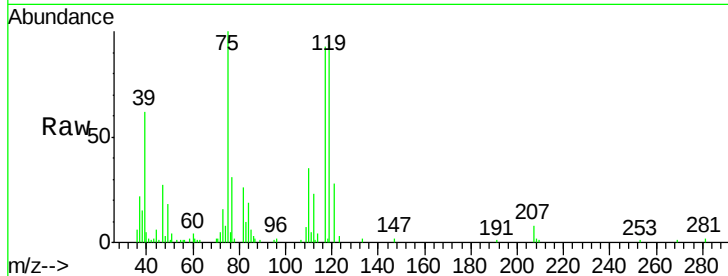
#29
 1,1-Dichloropropene
 Concen: 5.122 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX015987.D
 Acq: 30 Apr 2020 10:32

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion:	75	Resp:	23577
Ion Ratio	Lower	Upper	
75	100		
110	36.9	0.0	71.0
77	33.4	0.0	64.2

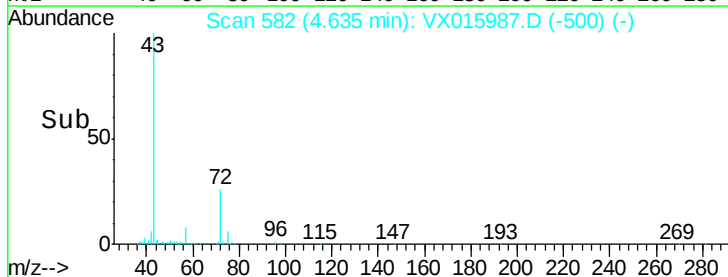
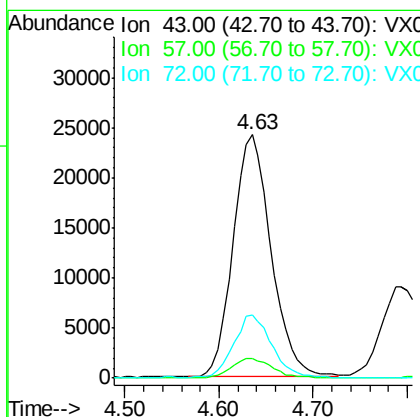
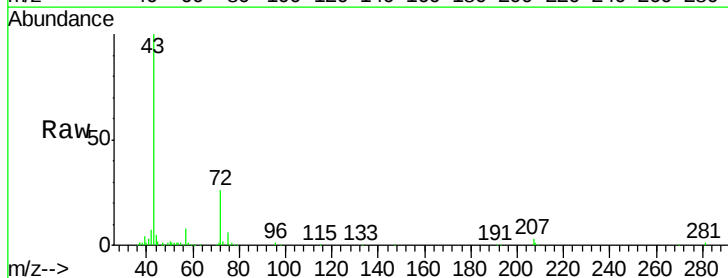
Manual Integrations
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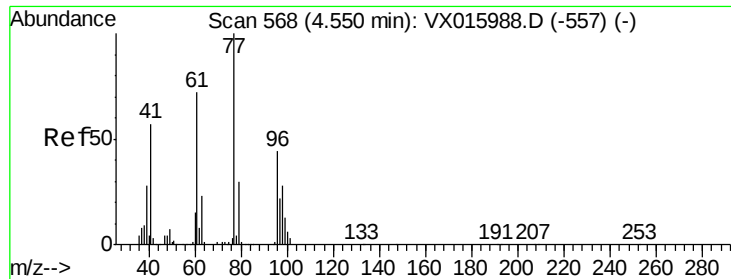
MMDadoda
 5/4/2020 3:10:08 PM



#30
 2-Butanone
 Concen: 24.926 ug/l
 RT: 4.63 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX015987.D
 Acq: 30 Apr 2020 10:32

Tgt Ion:	43	Resp:	68349
Ion Ratio	Lower	Upper	
43	100		
57	8.4	6.3	9.5
72	26.3	20.8	31.2





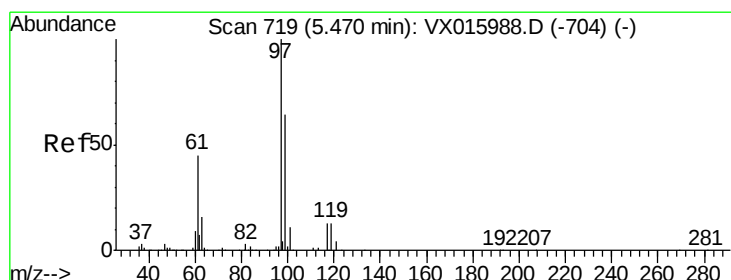
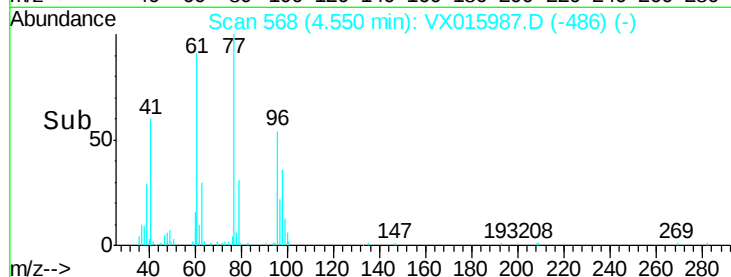
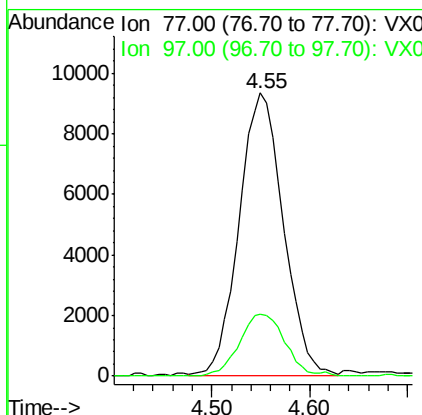
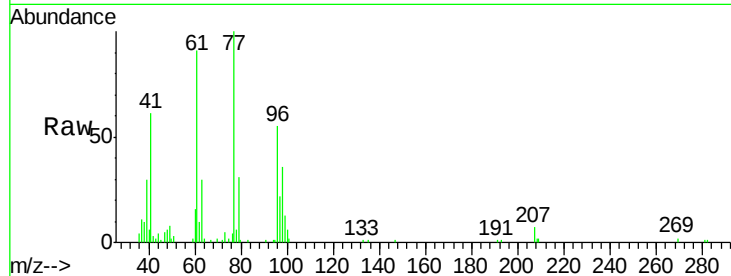
#31
 2,2-Dichloropropane
 Concen: 5.294 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VX015987.D
 Acq: 30 Apr 2020 10:32

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
77	100		
97	22.4	17.8	26.8

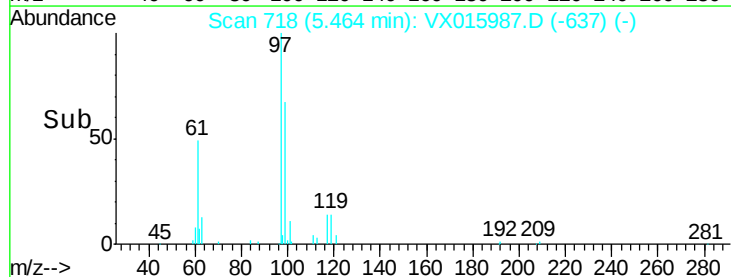
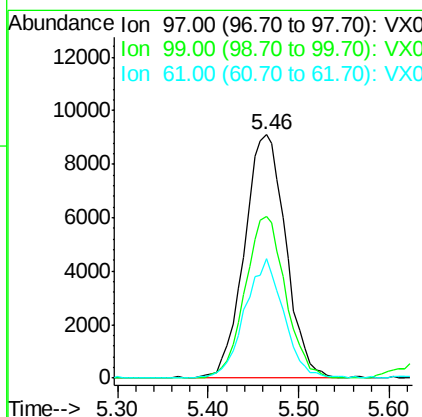
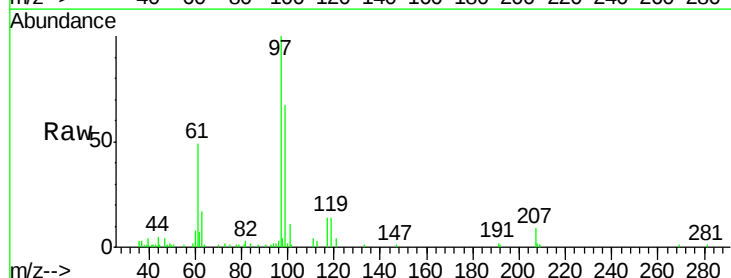
Manual Integrations
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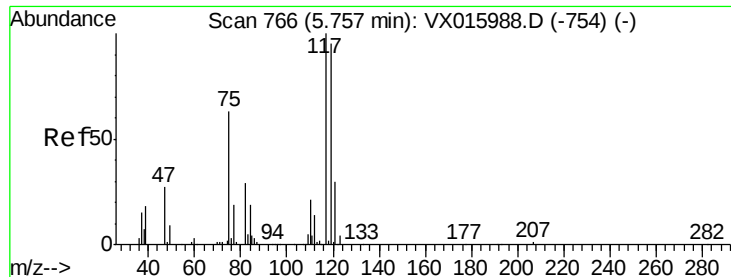
MMDadoda
 5/4/2020 3:10:08 PM



#32
 1,1,1-Trichloroethane
 Concen: 5.139 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX015987.D
 Acq: 30 Apr 2020 10:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.7	76.1
61	45.9	35.9	53.9





#33

Carbon Tetrachloride

Concen: 5.063 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

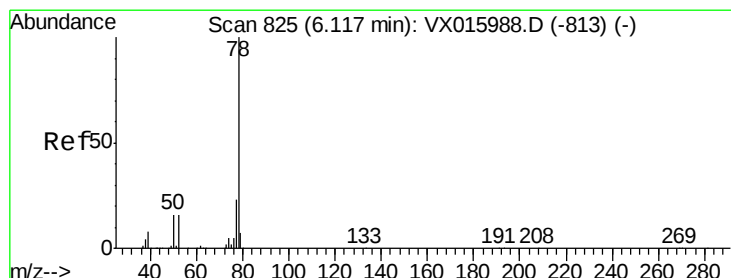
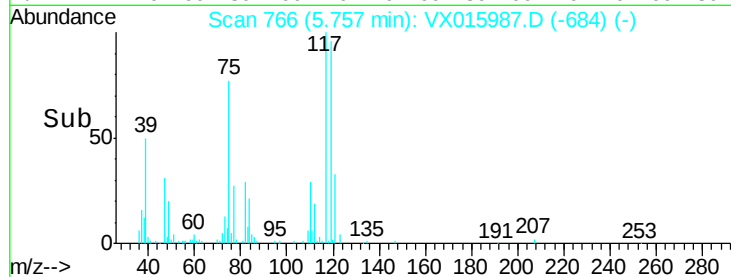
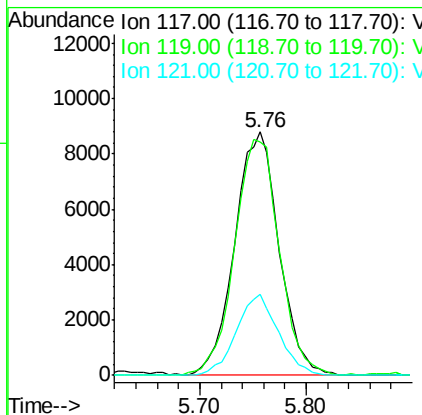
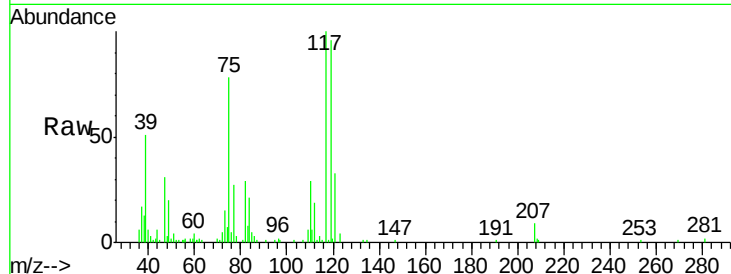
ClientSampleId :

VSTDIC005

Tot Ion:	117	Resp:	25664
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.3	114.5
121	33.4	24.2	36.4

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#34

Benzene

Concen: 5.191 ug/l

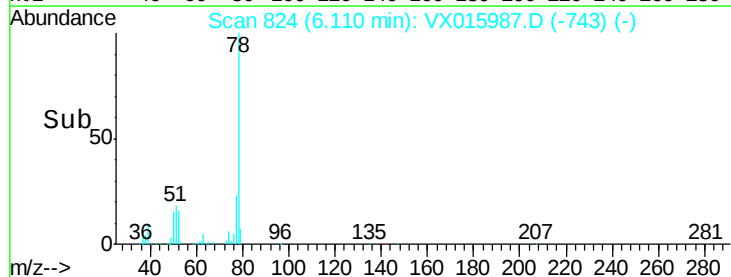
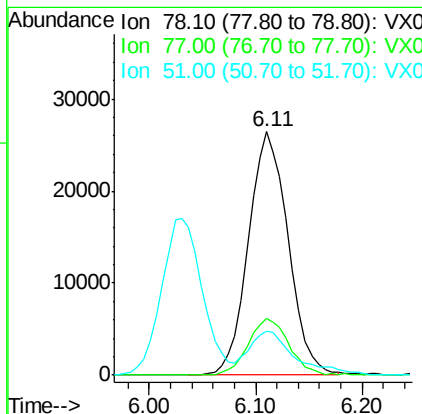
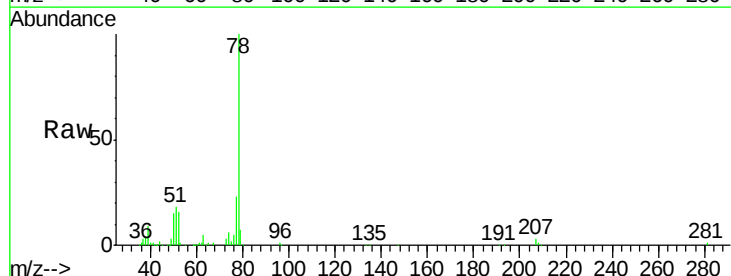
RT: 6.11 min Scan# 824

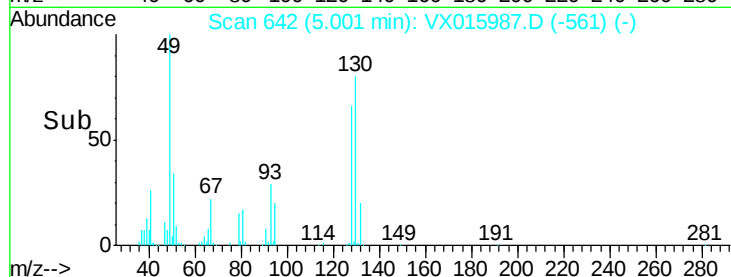
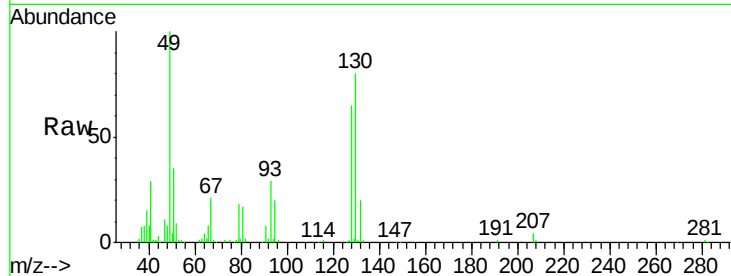
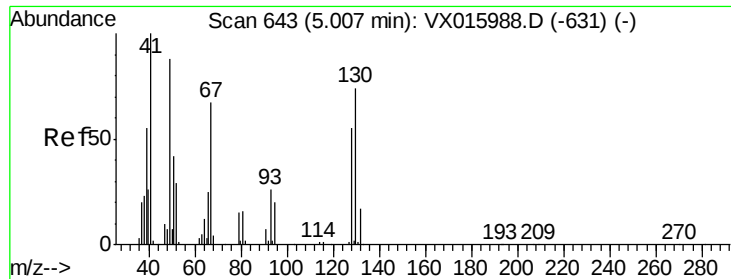
Delta R.T. -0.01 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Tgt Ion:	78	Resp:	69155
Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.7	28.1
51	15.7	12.7	19.1





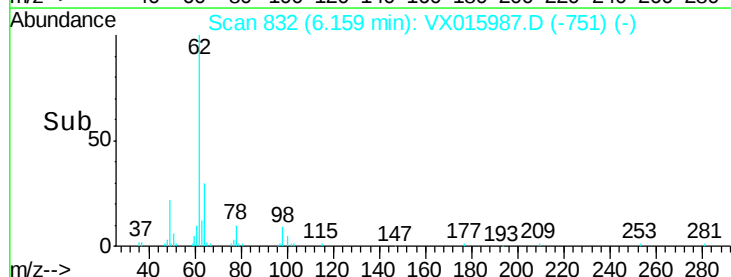
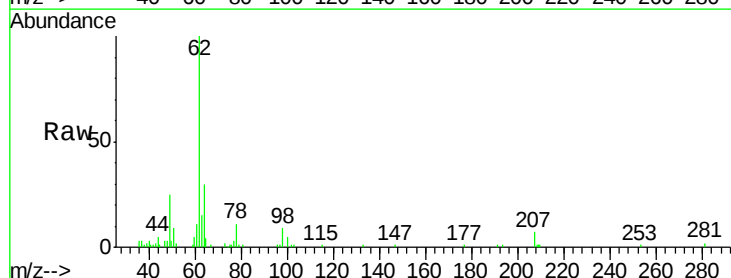
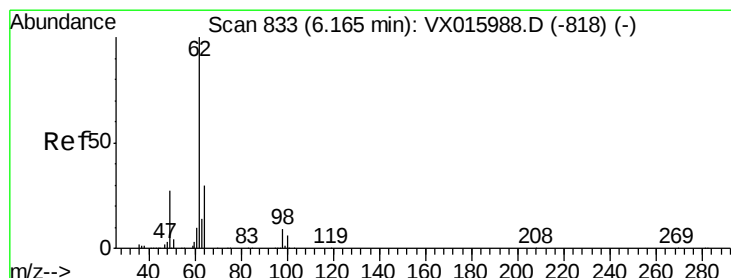
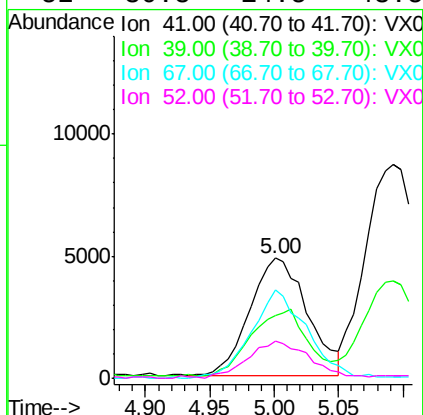
#35
Methacrylonitrile
Concen: 4.906 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tot Ion	41	Resp	14898
Ion	Ratio	Lower	Upper
41	100		
39	50.4	27.5	82.4
67	75.2	33.6	100.6
52	30.8	14.5	43.5

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

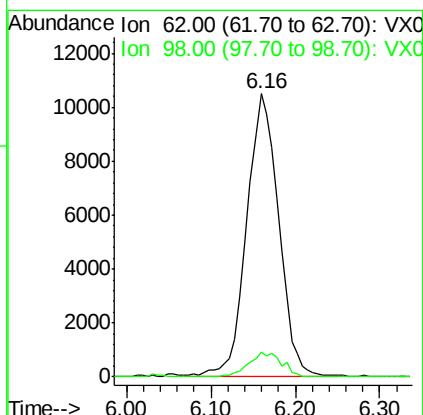
Manual Integrations
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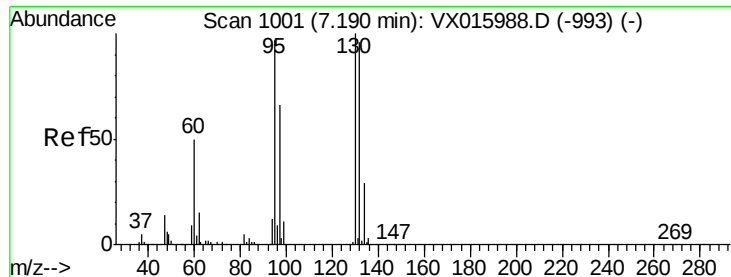
MMDadoda
5/4/2020 3:10:08 PM



#36
1,2-Dichloroethane
Concen: 5.345 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion	62	Resp	27204
Ion	Ratio	Lower	Upper
62	100		
98	5.3	7.4	11.2#





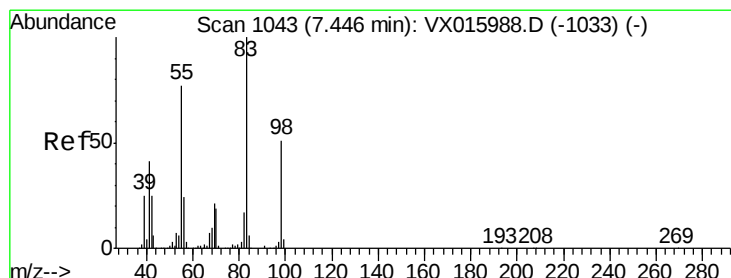
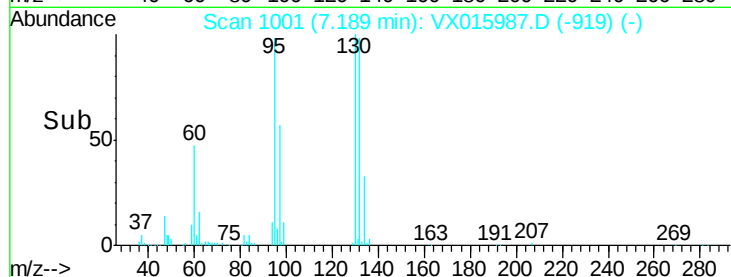
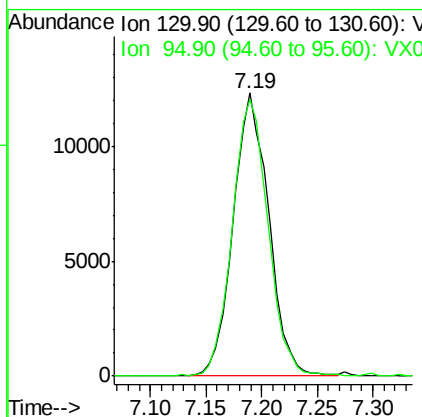
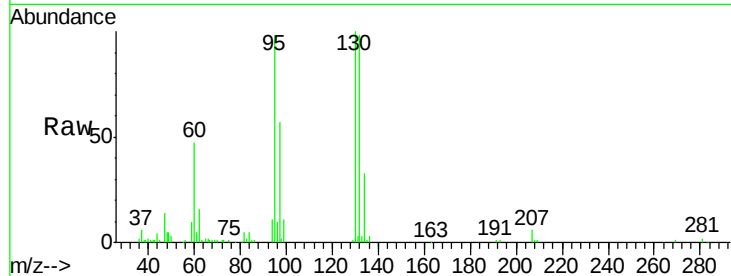
#37
 Trichloroethene
 Concen: 6.519 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX015987.D
 Acq: 30 Apr 2020 10:32

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion:130 Resp: 27378
 Ion Ratio Lower Upper
 130 100
 95 98.0 77.8 116.8

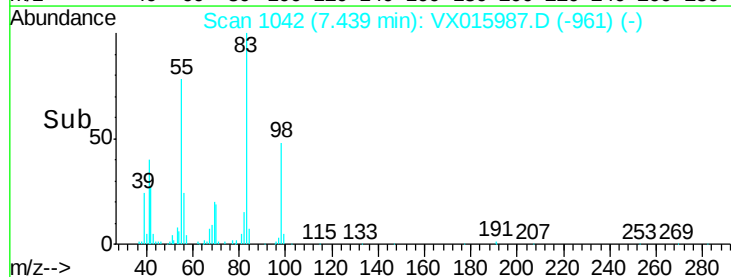
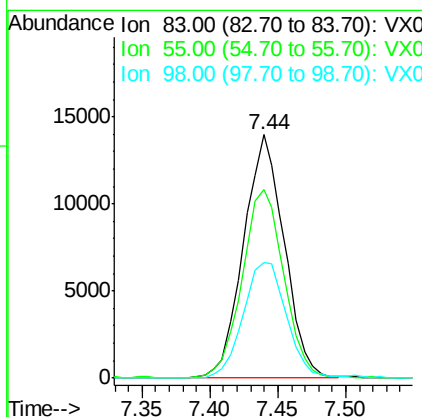
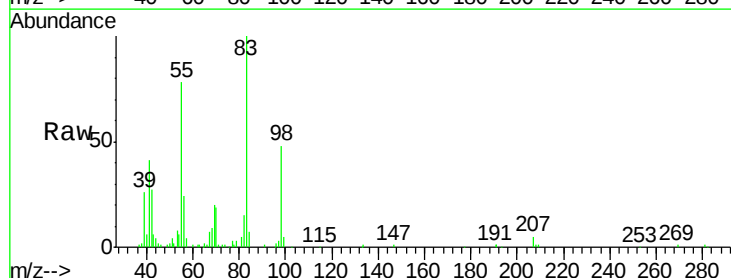
Manual Integrations
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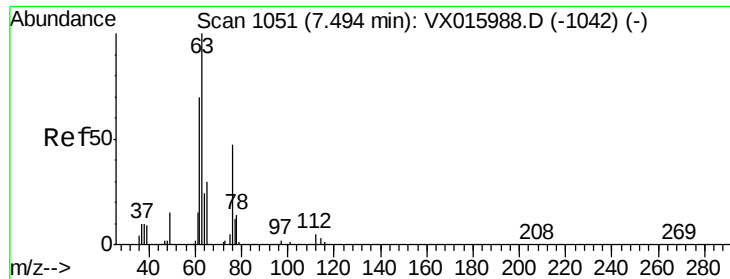
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#38
 Methylcyclohexane
 Concen: 5.216 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX015987.D
 Acq: 30 Apr 2020 10:32

Tgt Ion: 83 Resp: 29312
 Ion Ratio Lower Upper
 83 100
 55 79.3 38.8 116.4
 98 50.6 25.1 75.3





#39

1,2-Dichloropropane

Concen: 5.167 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 18153

Ion Ratio Lower Upper

63 100

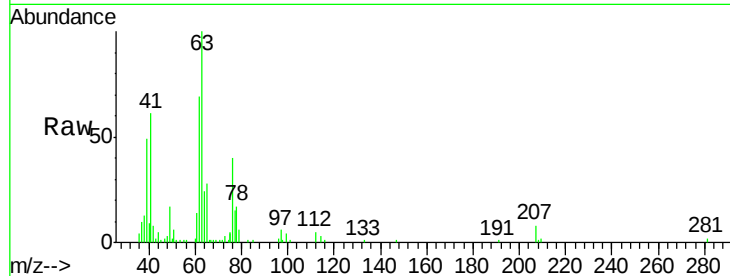
65 28.4 25.9 38.9

Manual Integrations

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Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.49

10000

8000

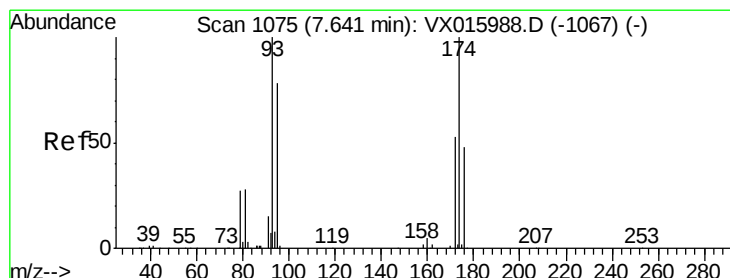
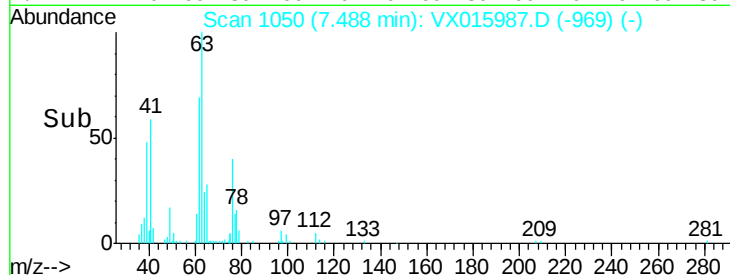
6000

4000

2000

0

Time--> 7.35 7.40 7.45 7.50 7.55



#40

Dibromomethane

Concen: 5.185 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

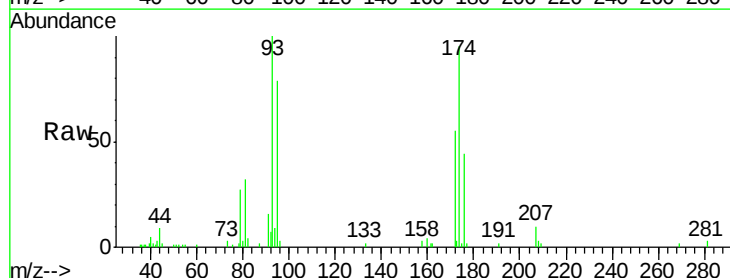
Tgt Ion: 93 Resp: 12364

Ion Ratio Lower Upper

93 100

95 83.5 0.0 162.8

174 101.3 0.0 204.0



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

8000

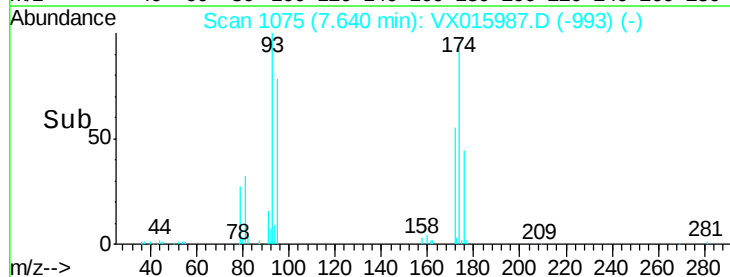
6000

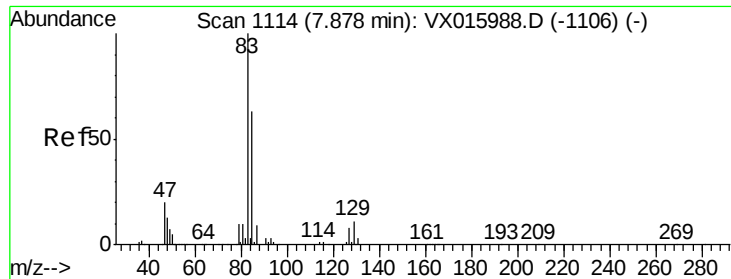
4000

2000

0

Time--> 7.60 7.65 7.70





#41

Bromodichloromethane

Concen: 4.993 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

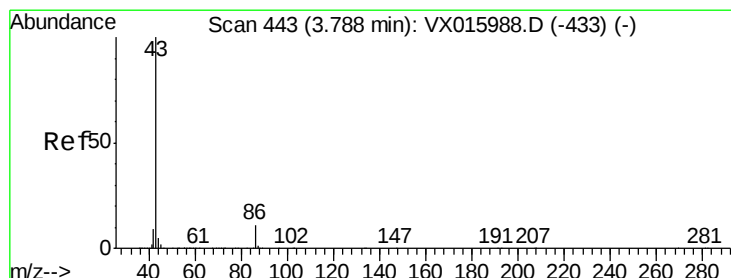
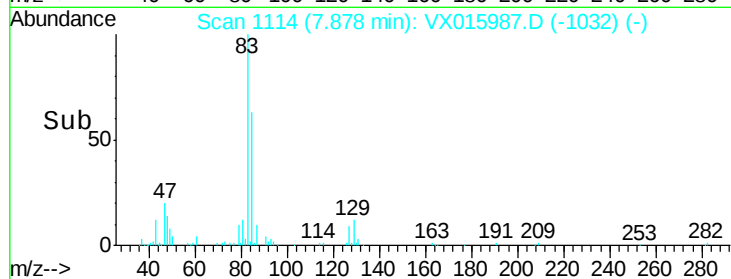
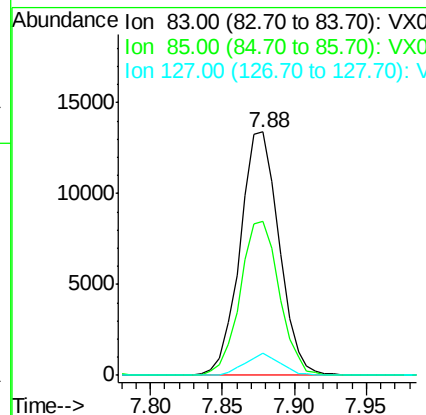
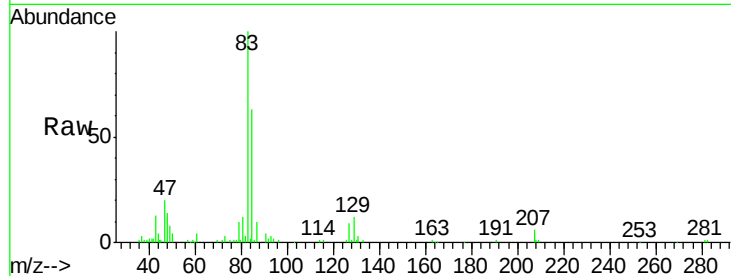
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	25211
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.4	75.6
127	9.0	6.7	10.1

Manual Integrations
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5/4/2020 3:10:08 PM



#42

Vinyl Acetate

Concen: 23.961 ug/l

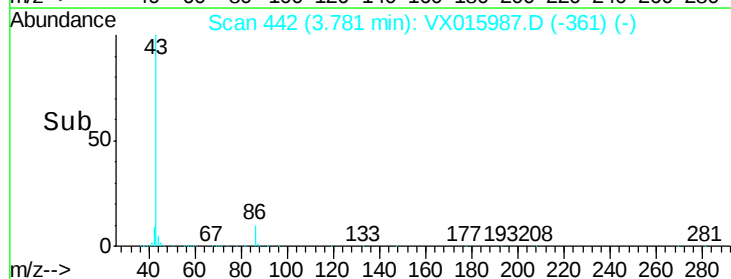
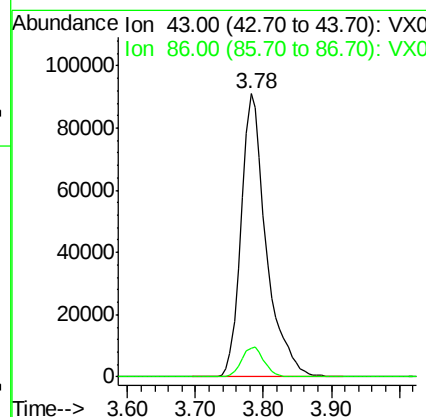
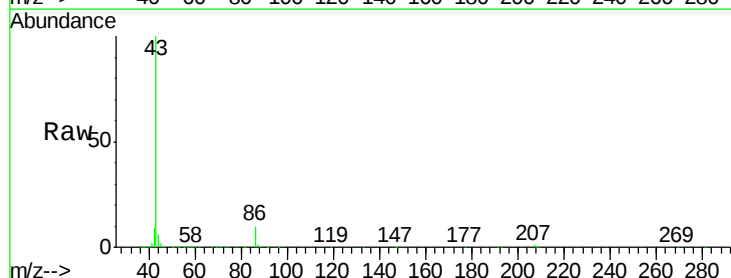
RT: 3.78 min Scan# 442

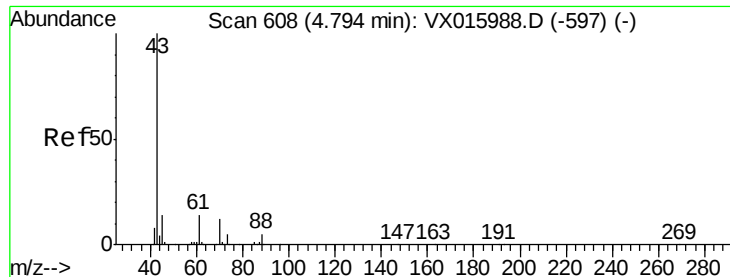
Delta R.T. -0.01 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Tgt Ion:	43	Resp:	232742
Ion Ratio	Lower	Upper	
43	100		
86	9.6	7.7	11.5





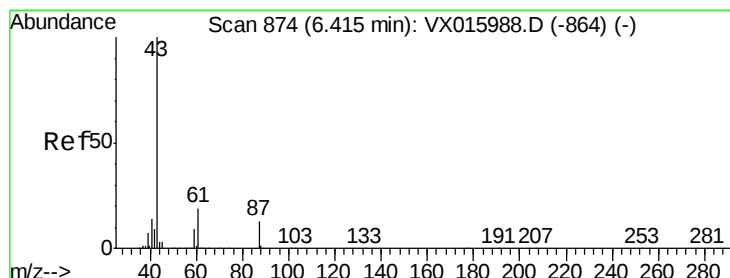
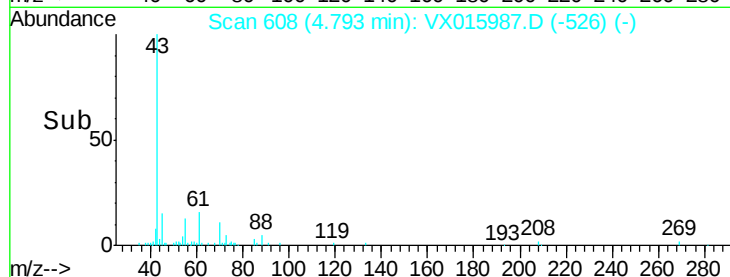
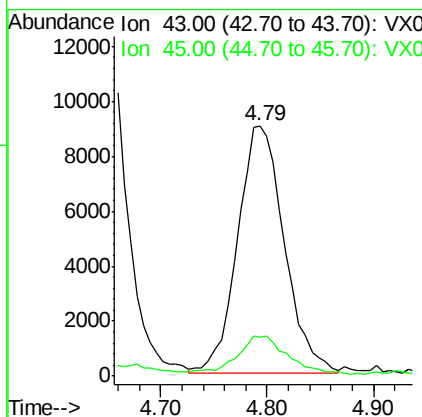
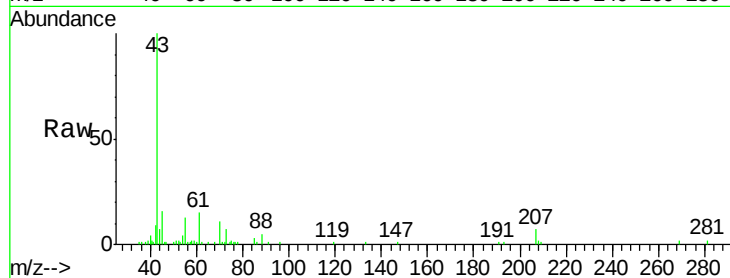
#43
Ethyl Acetate
Concen: 4.684 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	43	Ratio	Lower	Upper
Resp:	27677			
43	100			
45	14.4	11.9	17.9	

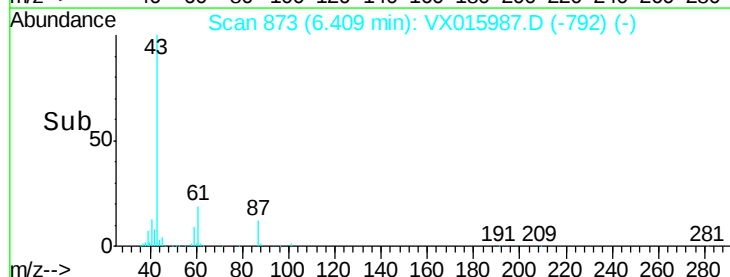
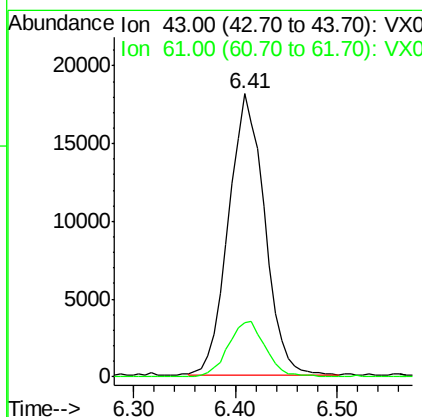
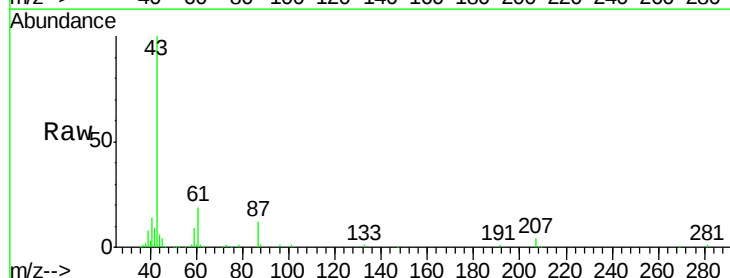
Manual Integrations
APPROVED

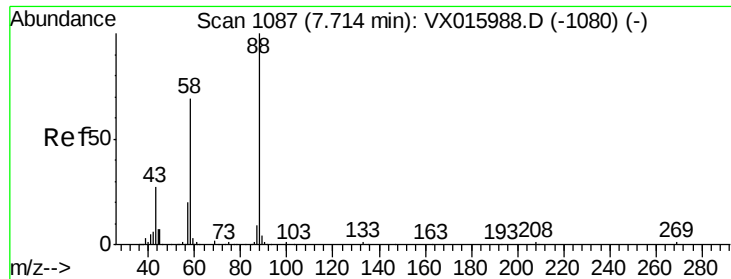
MMDadoda
5/4/2020 3:10:08 PM



#44
Isopropyl Acetate
Concen: 4.767 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion	43	Ratio	Lower	Upper
Resp:	44204			
43	100			
61	19.7	16.1	24.1	





#45

1,4-Dioxane

Concen: 107.204 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

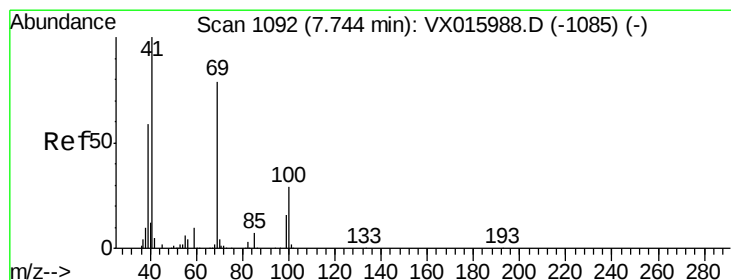
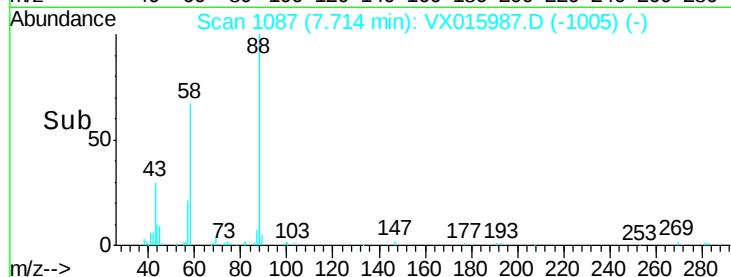
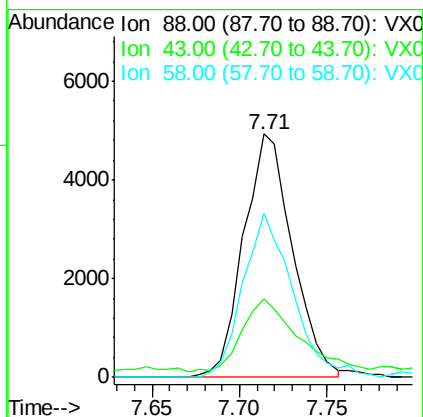
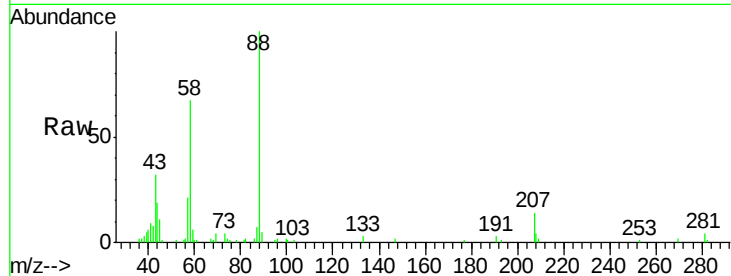
ClientSampleId :

VSTDIC005

Tot Ion:	88	Resp:	9593
Ion	Ratio	Lower	Upper
88	100		
43	34.7	26.3	39.5
58	68.5	57.0	85.6

Manual Integrations
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5/4/2020 3:10:08 PM



#46

Methyl methacrylate

Concen: 4.471 ug/l

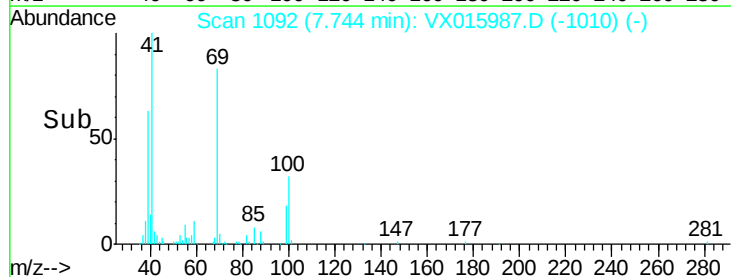
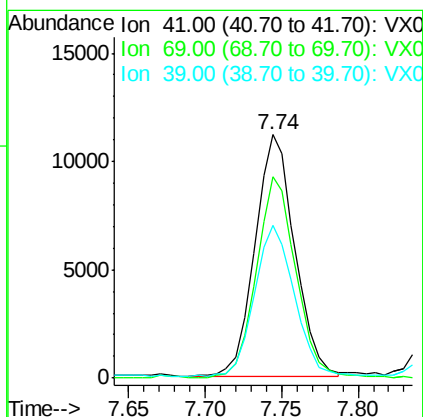
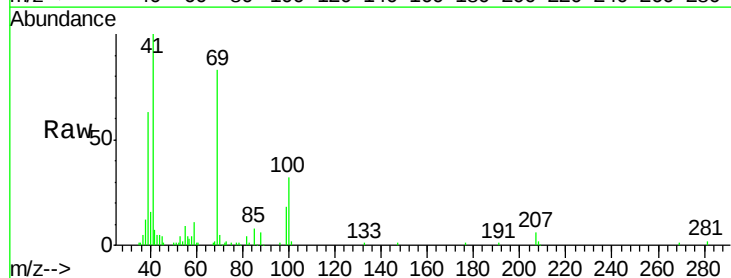
RT: 7.74 min Scan# 1092

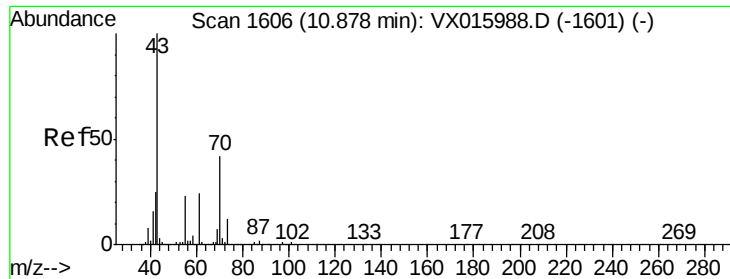
Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Tgt Ion:	41	Resp:	20279
Ion	Ratio	Lower	Upper
41	100		
69	83.2	39.5	118.5
39	62.5	29.6	88.9





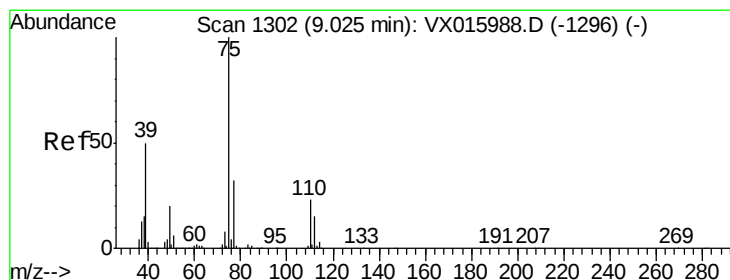
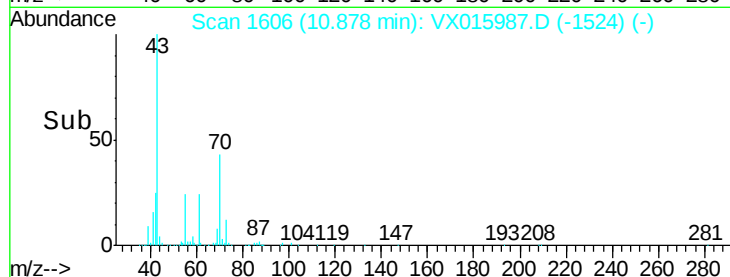
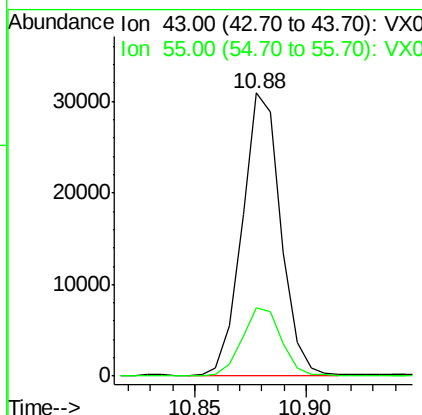
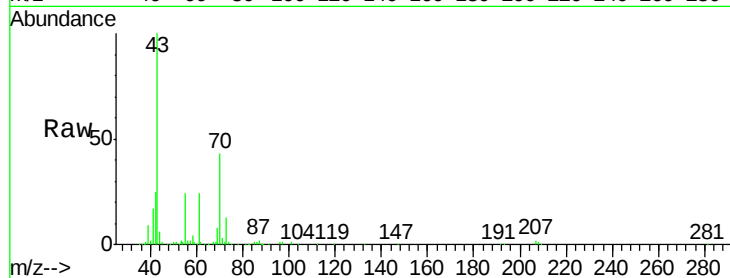
#47
n-amvl Acetate
Concen: 4.608 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 37136
Ion Ratio Lower Upper
43 100
55 25.1 19.0 28.4

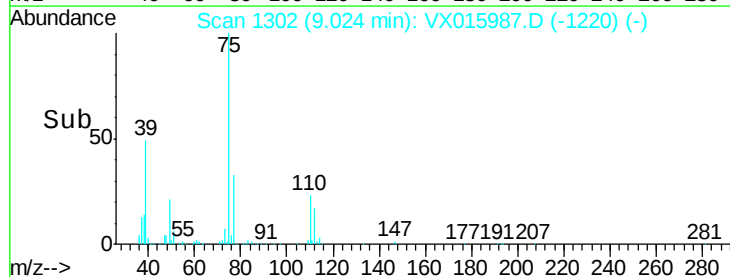
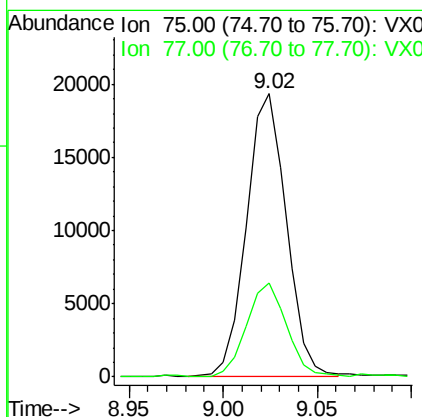
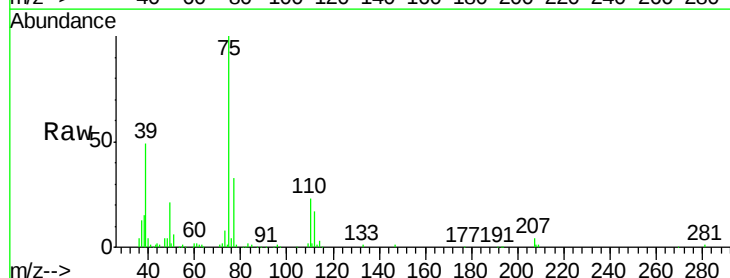
Manual Integrations
APPROVED

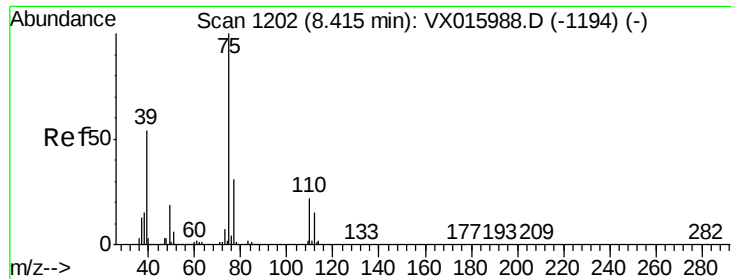
MMDadoda
5/4/2020 3:10:08 PM



#48
t-1,3-Dichloropropene
Concen: 4.852 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion: 75 Resp: 28330
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.8





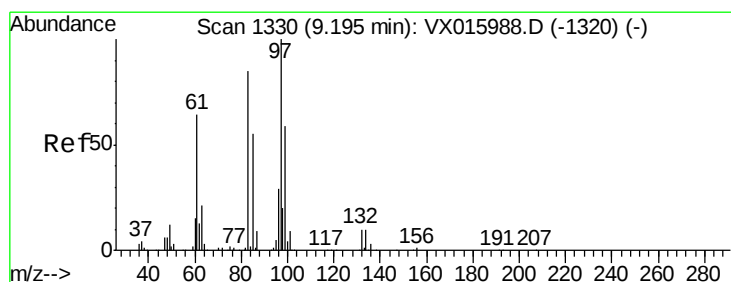
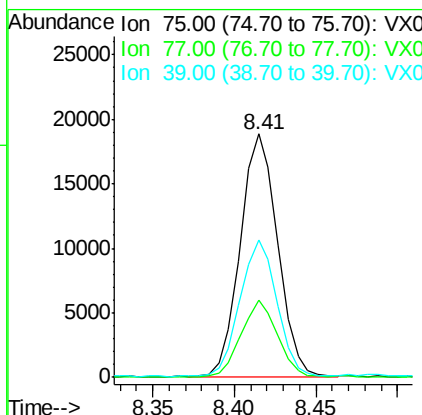
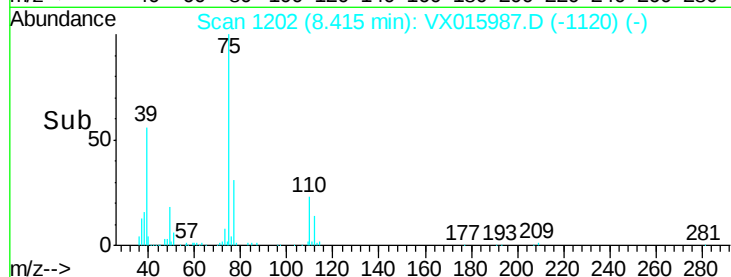
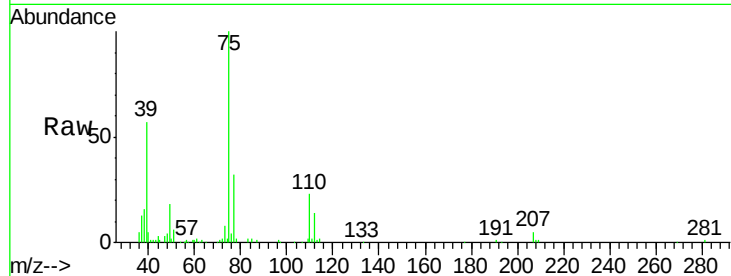
#49
 cis-1,3-Dichloropropene
 Concen: 4.973 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX015987.D
 Acq: 30 Apr 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	75	Resp:	30006
Ion Ratio	Lower	Upper	
75	100		
77	31.7	25.0	37.6
39	56.2	43.2	64.8

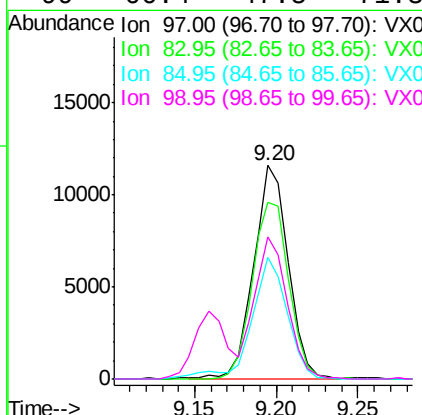
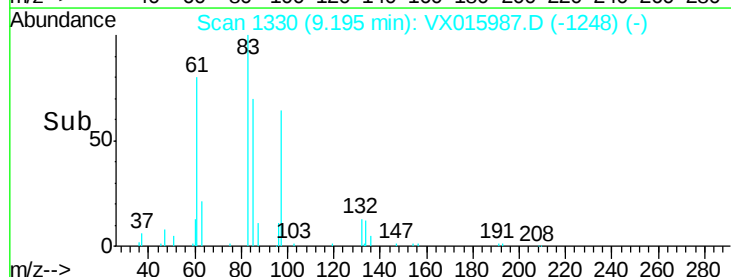
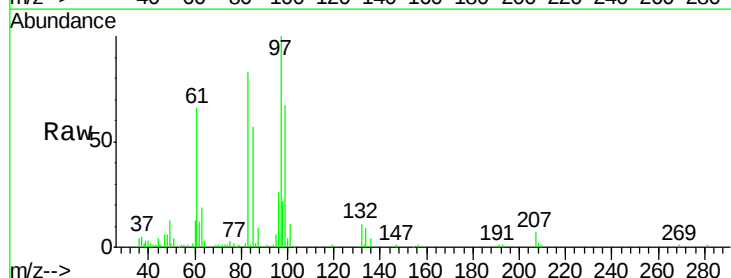
Manual Integrations
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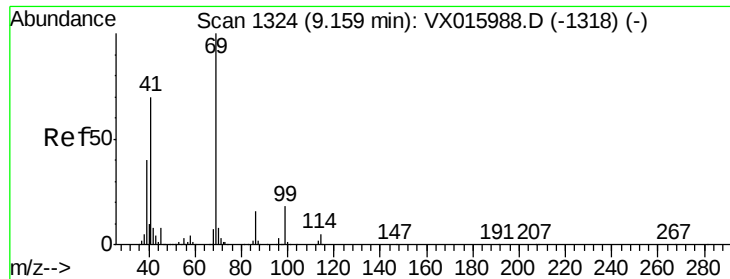
MMDadoda
 5/4/2020 3:10:08 PM



#50
 1,1,2-Trichloroethane
 Concen: 5.070 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX015987.D
 Acq: 30 Apr 2020 10:32

Tgt Ion:	97	Resp:	17135
Ion Ratio	Lower	Upper	
97	100		
83	83.0	67.7	101.5
85	56.7	43.7	65.5
99	66.4	47.5	71.3





#51

Ethyl methacrylate

Concen: 4.633 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

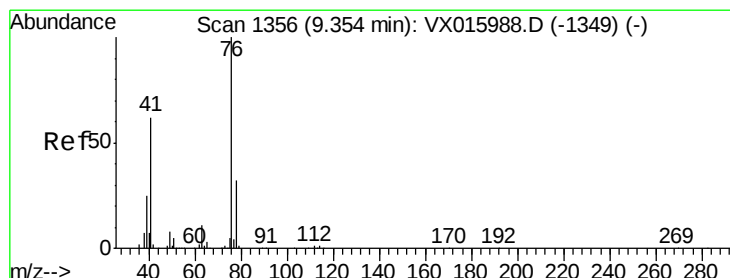
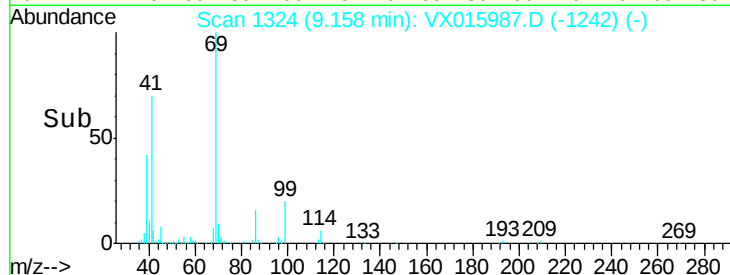
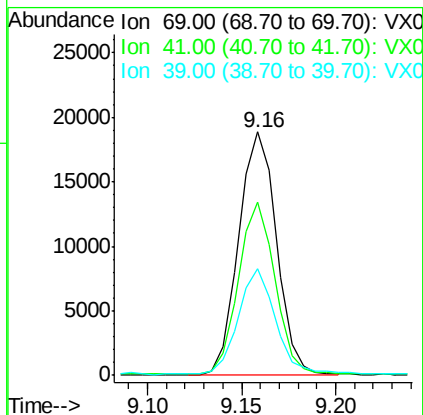
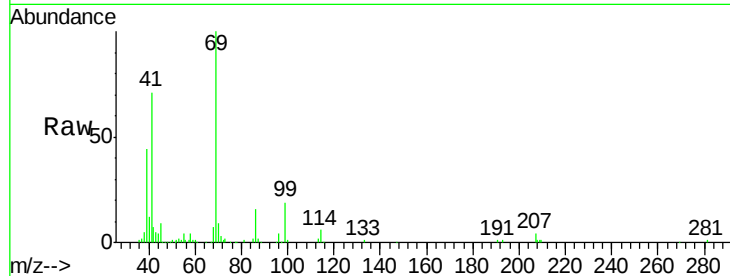
ClientSampleId :

VSTDIC005

Tot Ion:	69	Resp:	26440
Ion	Ratio	Lower	Upper
69	100		
41	70.3	34.8	104.4
39	43.0	19.8	59.4

Manual Integrations
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5/4/2020 3:10:08 PM



#52

1,3-Dichloropropane

Concen: 5.153 ug/l

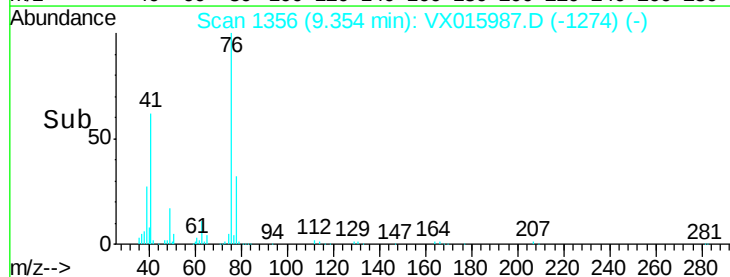
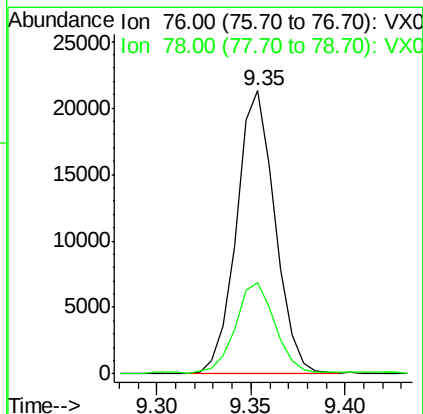
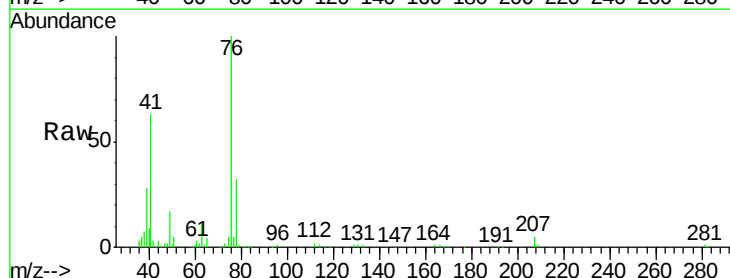
RT: 9.35 min Scan# 1356

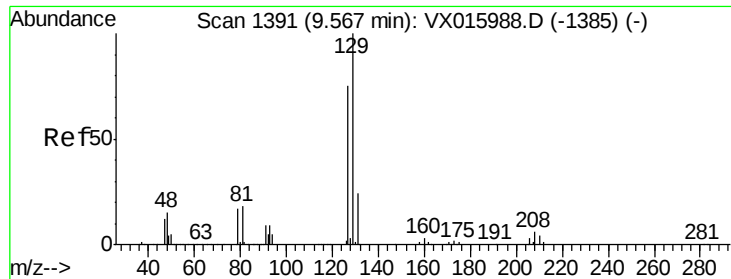
Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Tgt Ion:	76	Resp:	30115
Ion	Ratio	Lower	Upper
76	100		
78	33.0	0.0	64.2





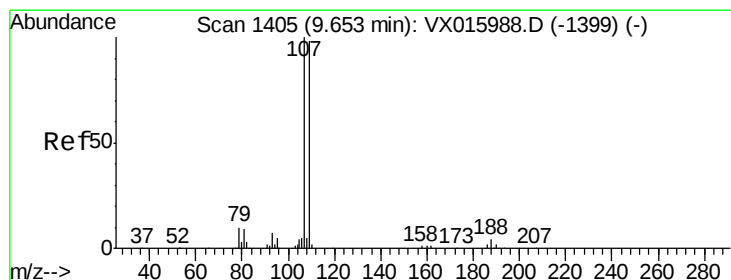
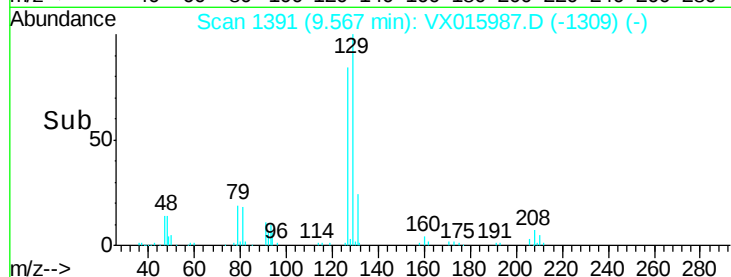
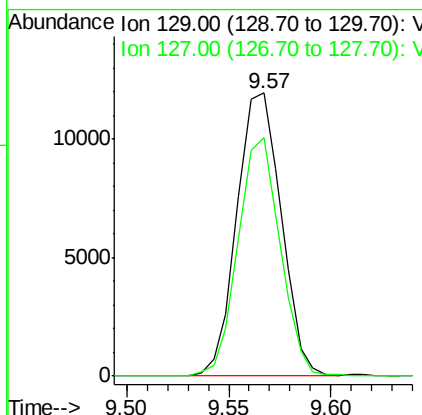
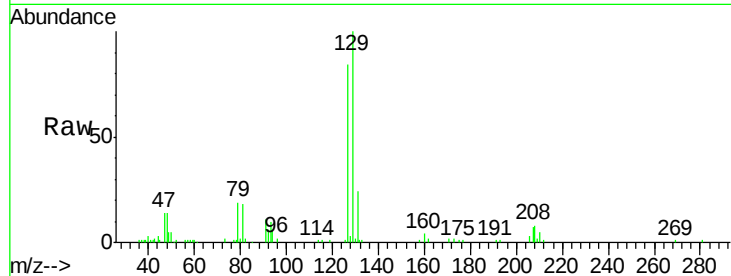
#53
Dibromochloromethane
Concen: 4.482 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
129	100		
127	79.7	38.3	114.9

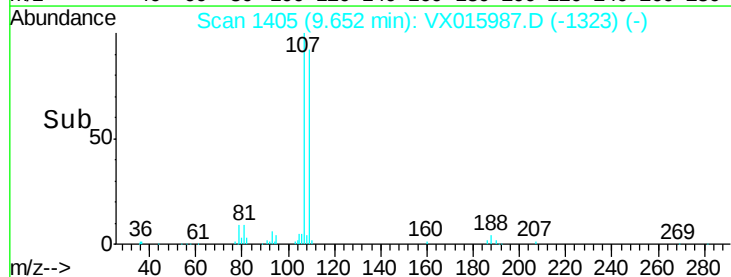
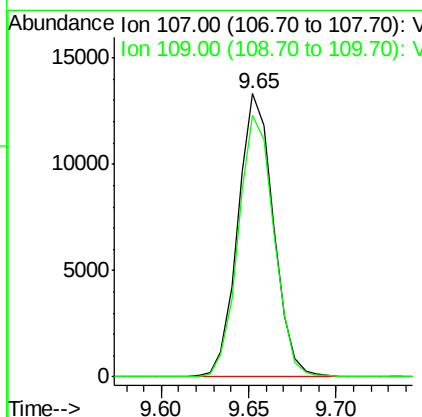
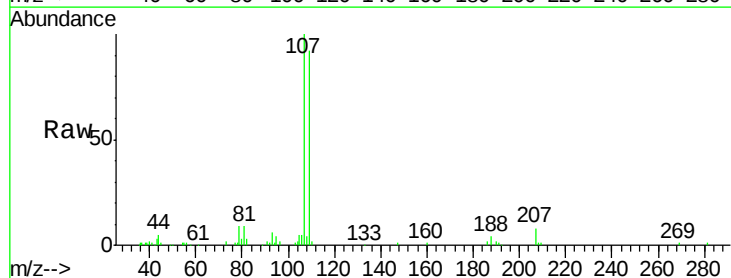
Manual Integrations
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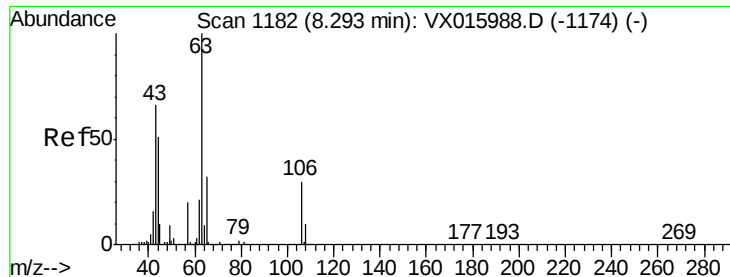
MMDadoda
5/4/2020 3:10:08 PM



#54
1,2-Dibromoethane
Concen: 5.156 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.3	74.7	112.1





#55

2-Chloroethyl vinyl ether

Concen: 31.824 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 88765

Ion Ratio Lower Upper

63 100

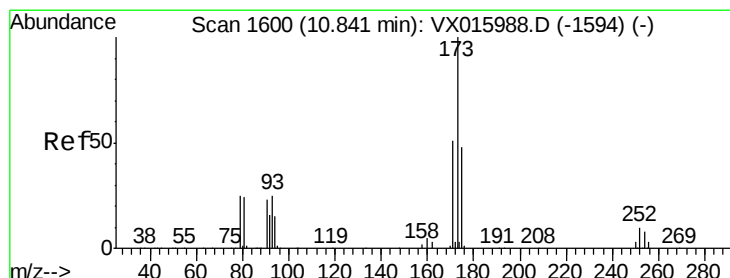
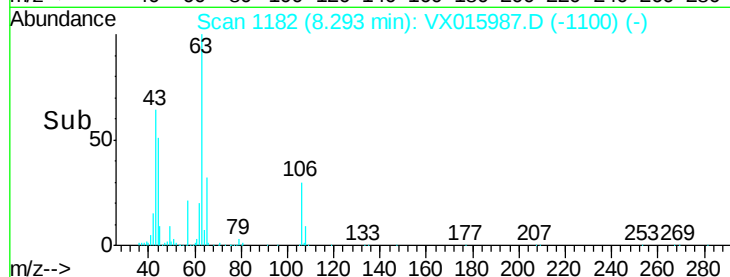
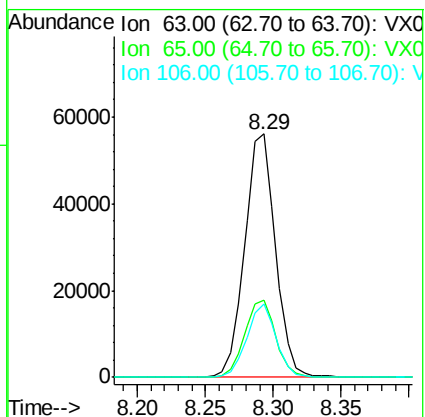
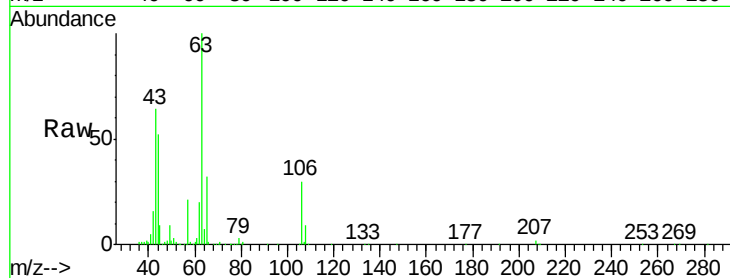
65 32.1 25.6 38.4

106 28.7 23.4 35.0

Manual Integrations
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#56

Bromoform

Concen: 3.987 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

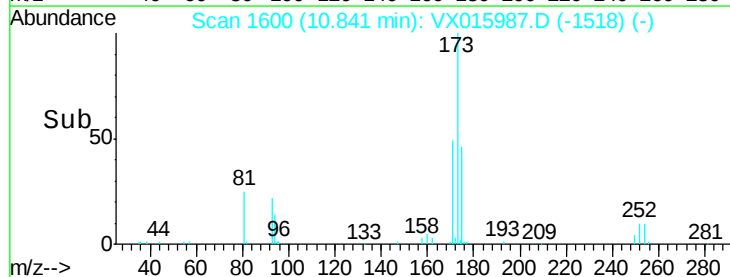
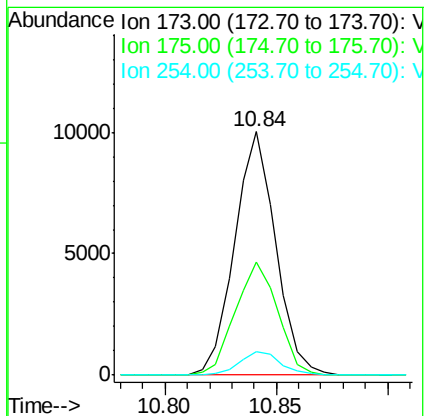
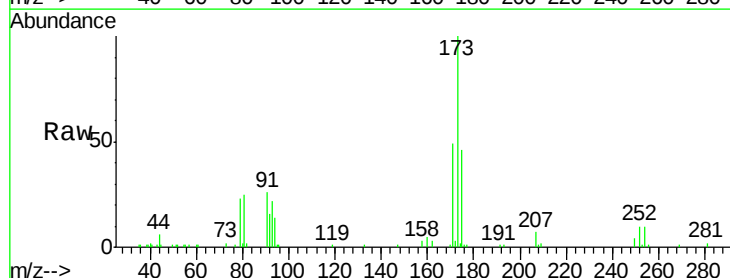
Tgt Ion: 173 Resp: 12840

Ion Ratio Lower Upper

173 100

175 47.9 38.0 57.0

254 9.6 6.8 10.2





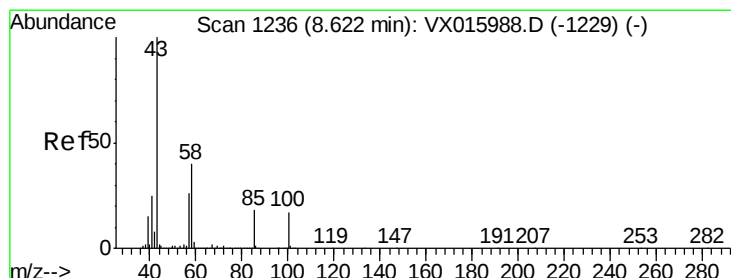
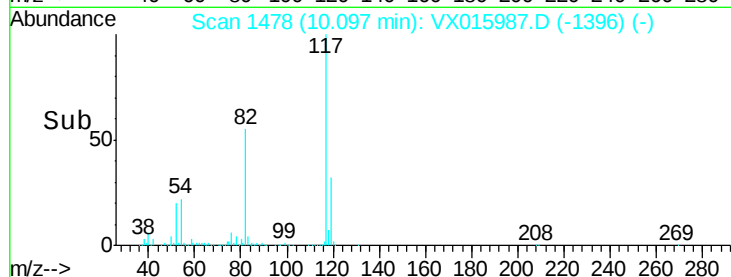
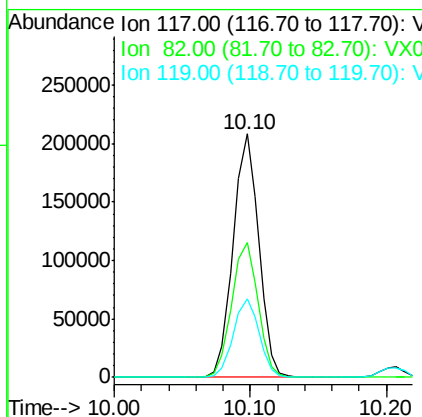
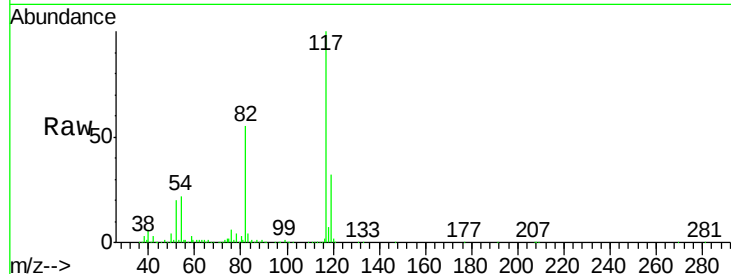
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.1	67.7
119	32.4	25.6	38.4

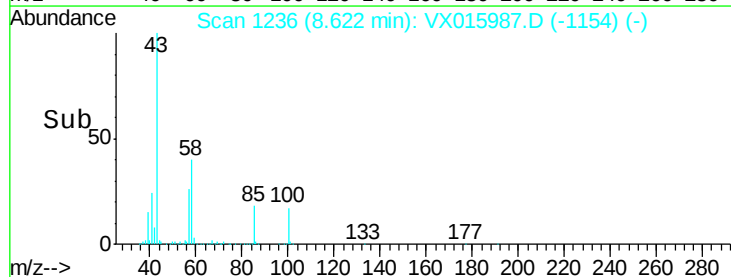
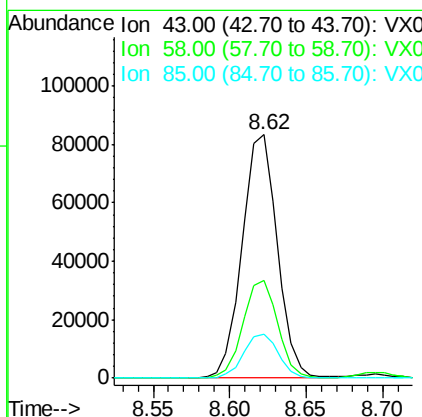
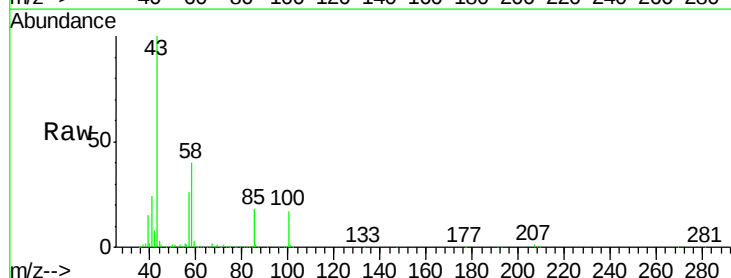
Manual Integrations
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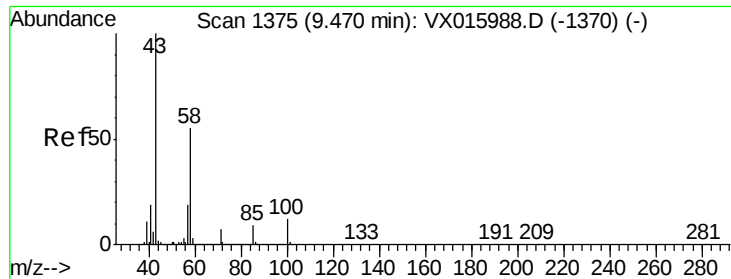
MMDadoda
5/4/2020 3:10:08 PM



#58
4-Methyl-2-Pentanone
Concen: 25.496 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.8	47.6
85	18.4	14.5	21.7





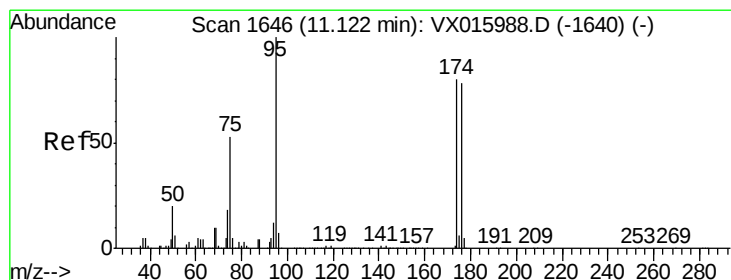
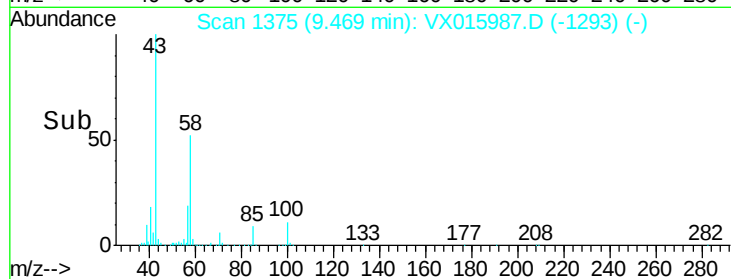
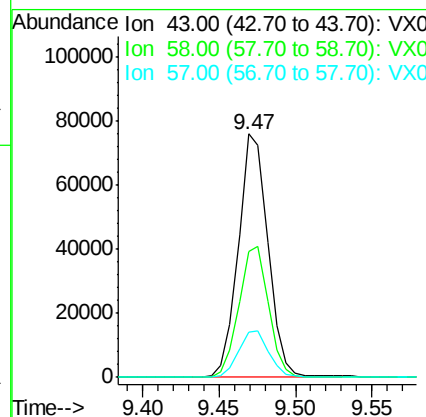
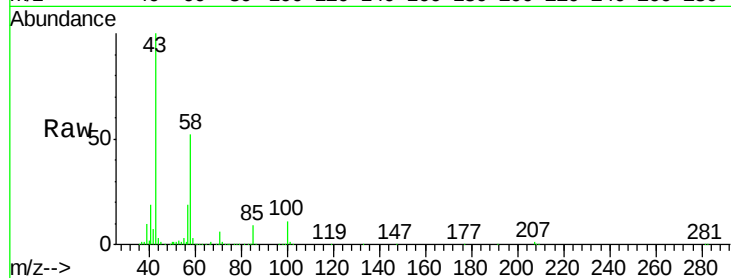
#59
2-Hexanone
Concen: 25.416 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	44.0	66.0
57	19.7	15.5	23.3

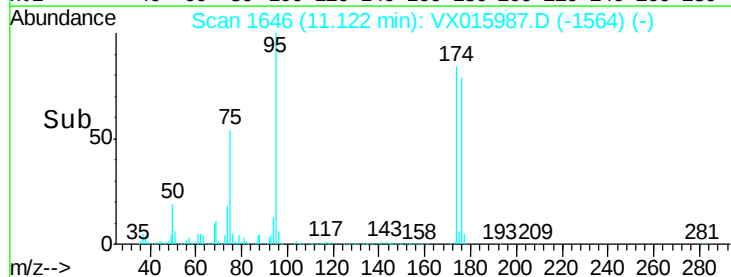
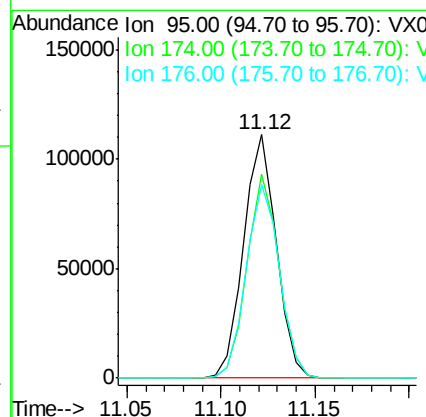
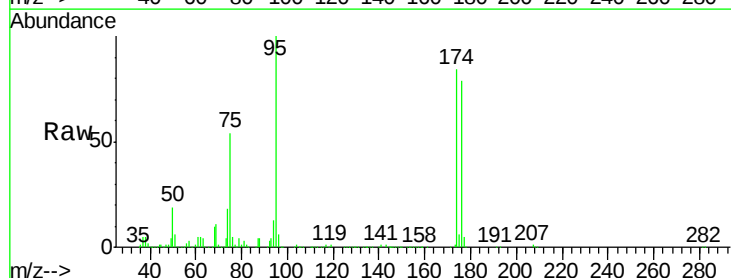
Manual Integrations
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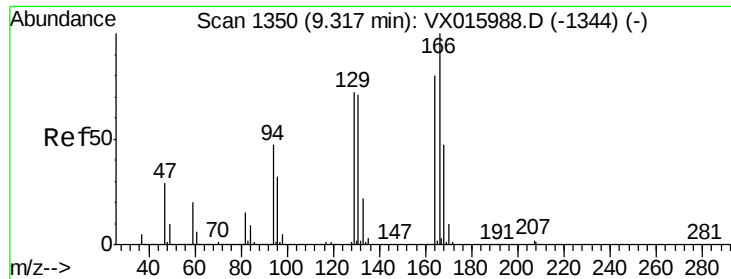
MMDadoda
5/4/2020 3:10:08 PM



#60
4-Bromofluorobenzene
Concen: 28.793 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.2	64.8	97.2
176	81.6	62.4	93.6





#61

Tetrachloroethene

Concen: 6.762 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:164 Resp: 28911

Ion Ratio Lower Upper

164 100

166 124.1 100.1 150.1

129 95.5 72.2 108.4

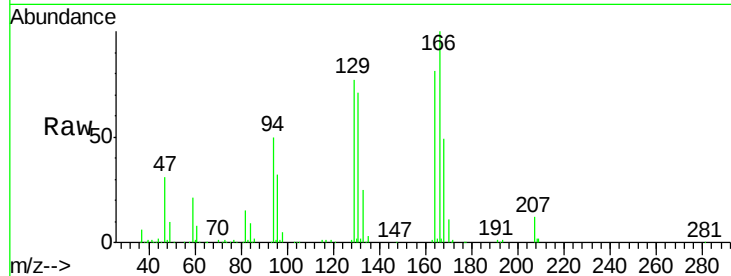
131 87.8 71.3 106.9

Manual Integrations

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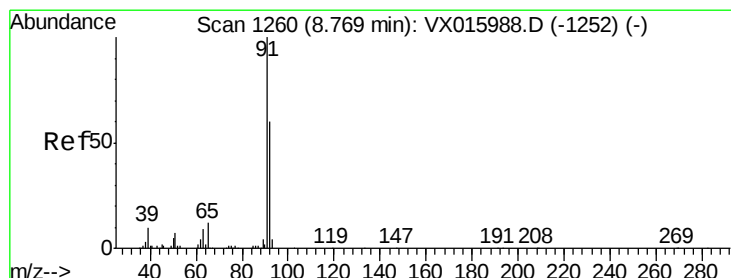
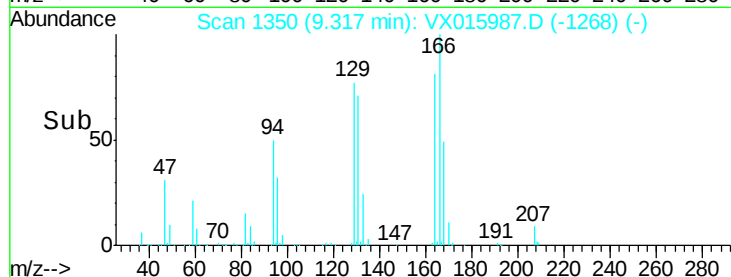
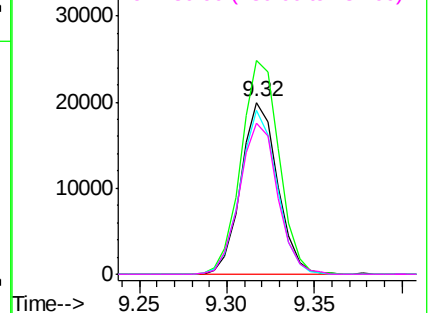


Abundance Ion 163.85 (163.55 to 164.55): V

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: 5.434 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX015987.D

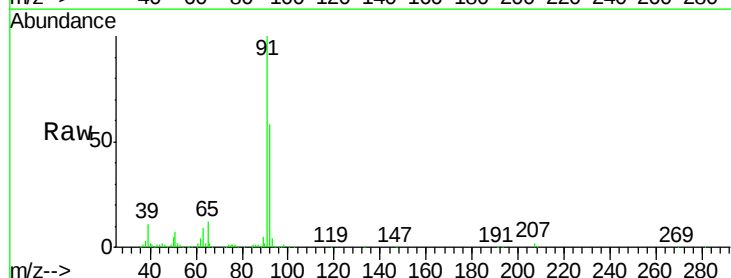
Acq: 30 Apr 2020 10:32

Tgt Ion: 91 Resp: 76171

Ion Ratio Lower Upper

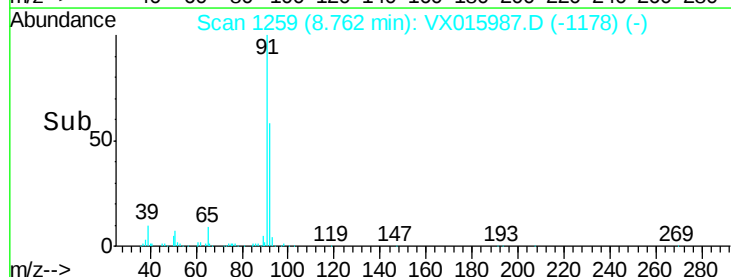
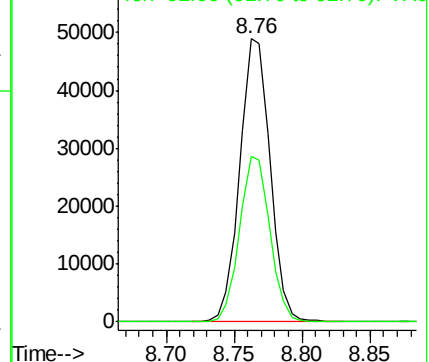
91 100

92 58.3 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.819 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 98 Resp: 359092

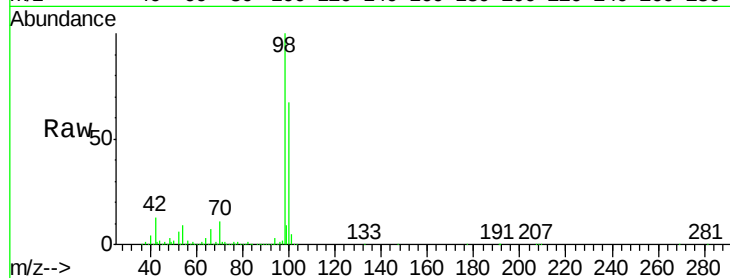
Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7

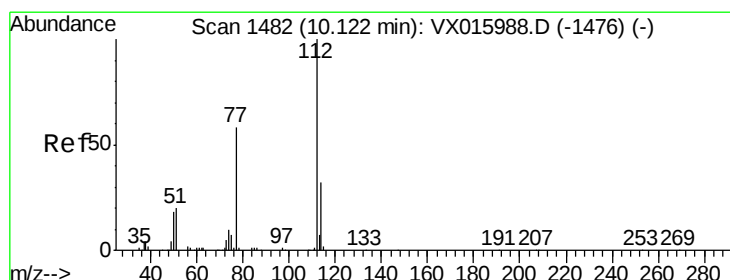
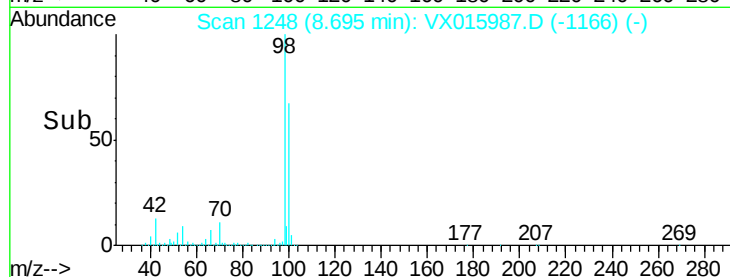
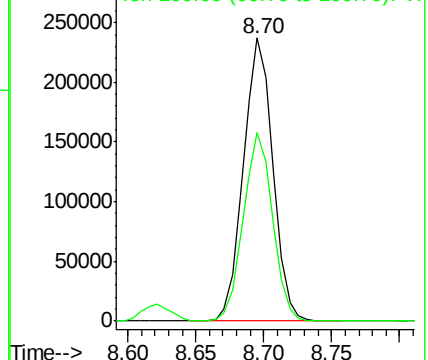
Manual Integrations
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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#64

Chlorobenzene

Concen: 5.266 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX015987.D

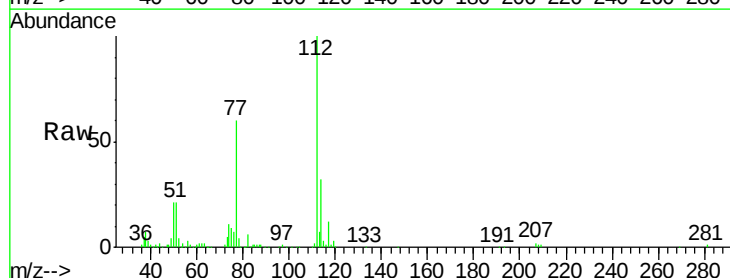
Acq: 30 Apr 2020 10:32

Tgt Ion: 112 Resp: 47455

Ion Ratio Lower Upper

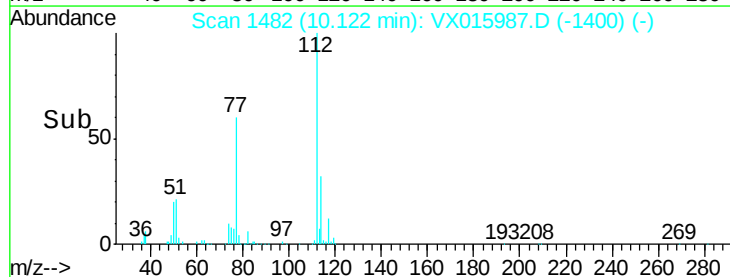
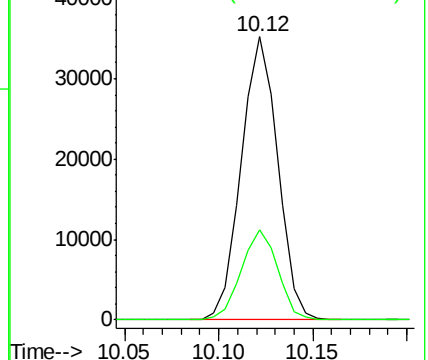
112 100

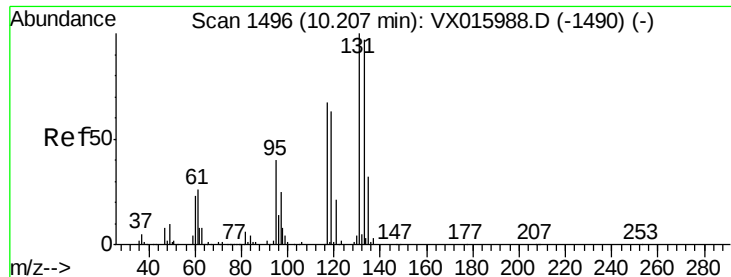
114 31.7 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 4.870 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

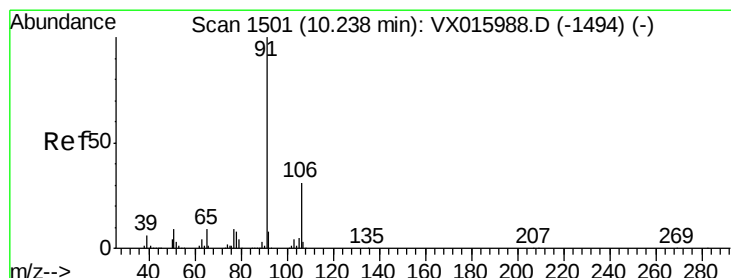
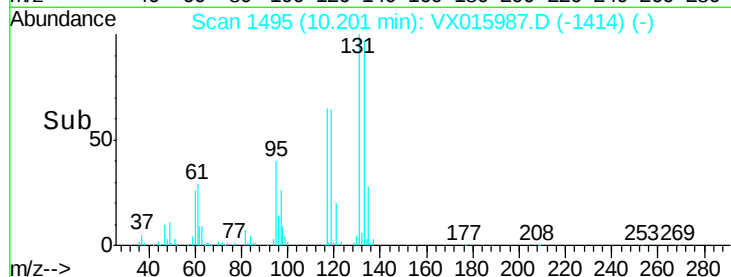
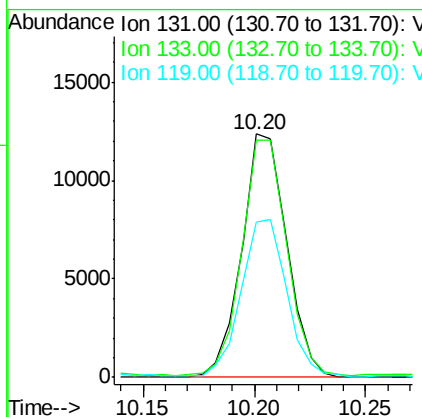
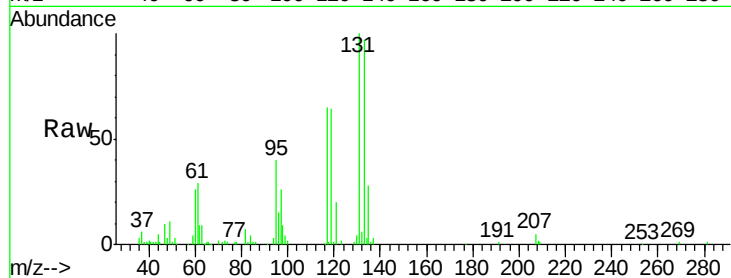
ClientSampleId :

VSTDIC005

Tot Ion:	131	Resp:	17465
Ion Ratio	Lower	Upper	
131	100		
133	97.0	0.0	187.0
119	66.2	0.0	129.0

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#66

Ethyl Benzene

Concen: 5.272 ug/l

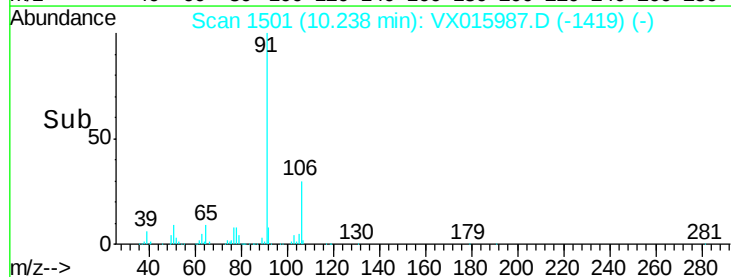
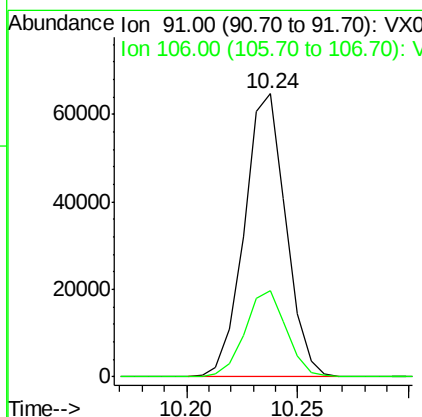
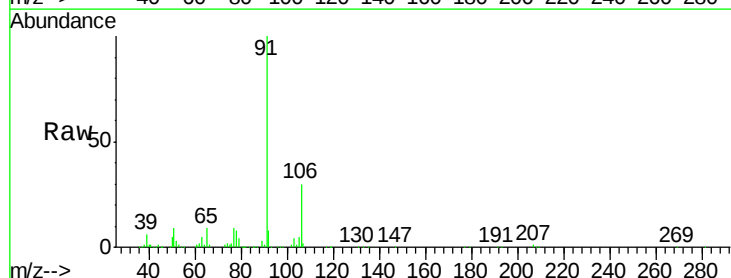
RT: 10.24 min Scan# 1501

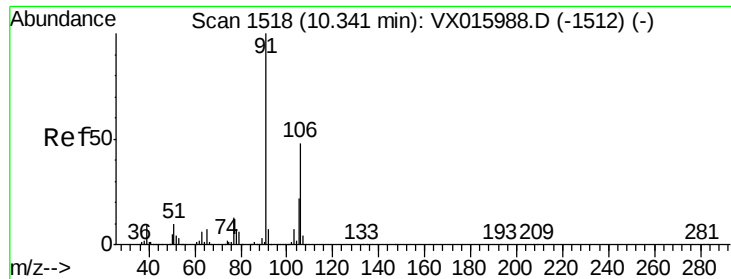
Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Tgt Ion:	91	Resp:	84085
Ion Ratio	Lower	Upper	
91	100		
106	30.3	24.8	37.2





#67

m/p-Xvlenes

Concen: 10.459 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:106 Resp: 63501

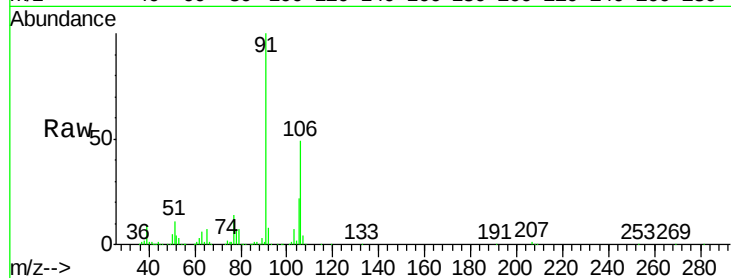
Ion Ratio Lower Upper

106 100

91 200.5 164.2 246.4

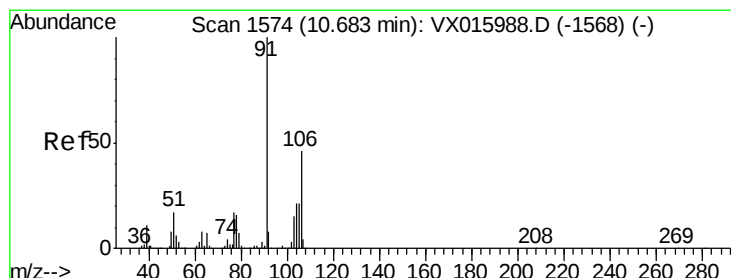
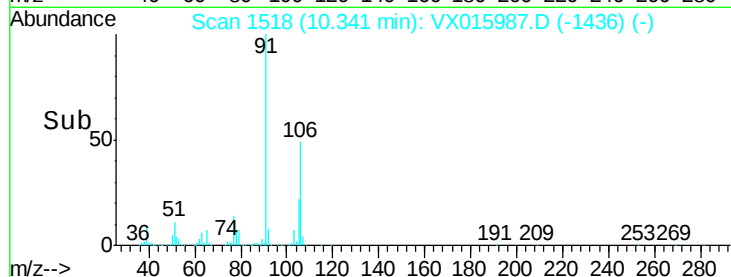
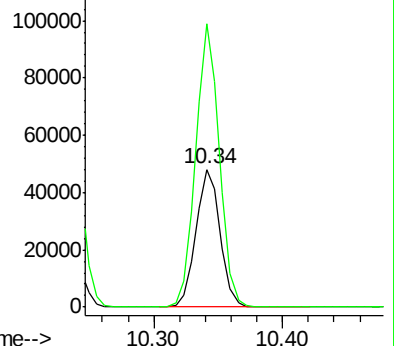
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 5.139 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX015987.D

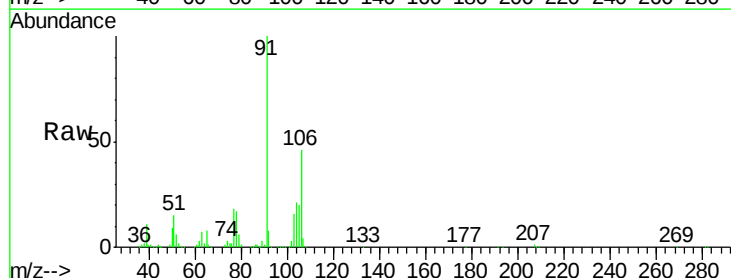
Acq: 30 Apr 2020 10:32

Tgt Ion:106 Resp: 30253

Ion Ratio Lower Upper

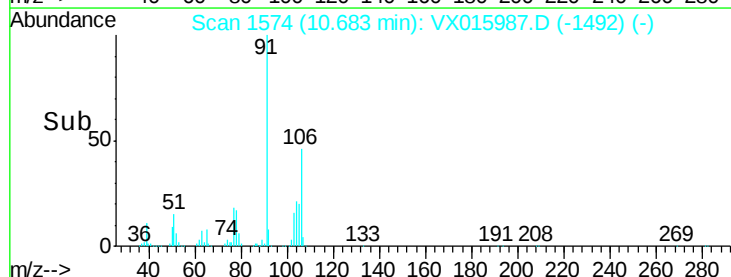
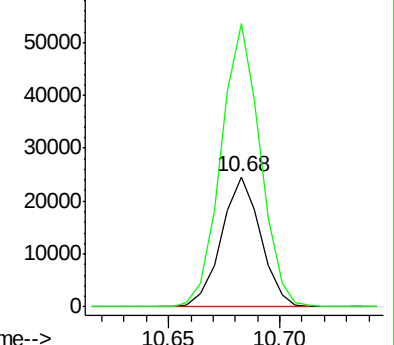
106 100

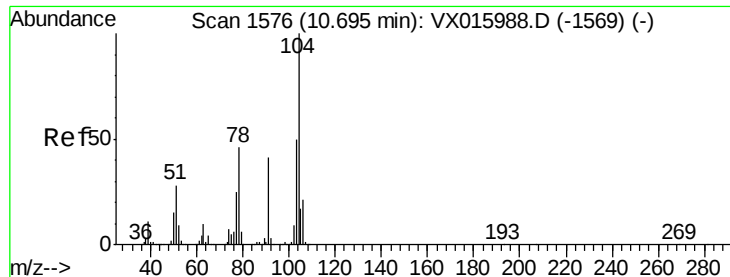
91 216.2 108.3 325.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





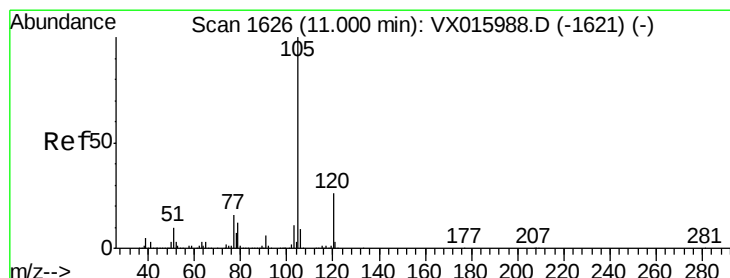
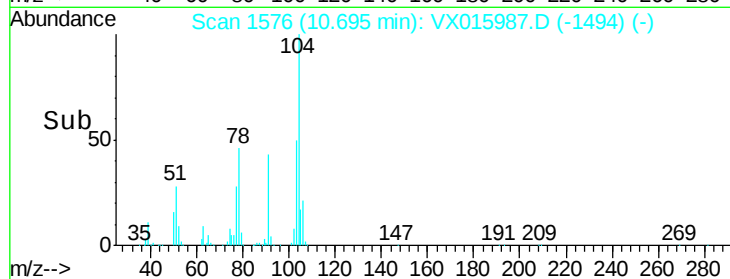
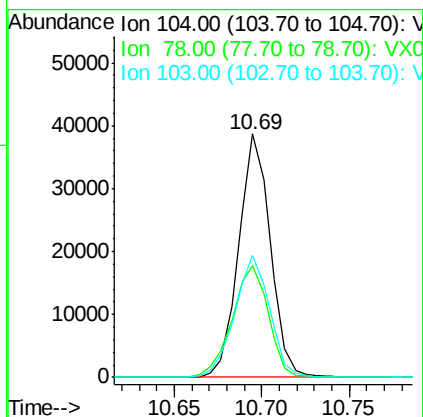
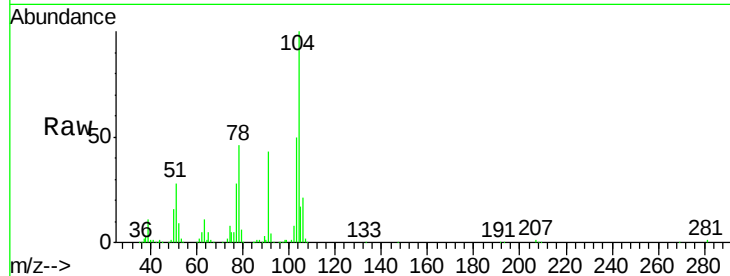
#69
Stvrene
Concen: 4.784 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	104	Resp:	48687
Ion Ratio	Lower	Upper	
104	100		
78	51.6	40.7	61.1
103	55.3	43.0	64.4

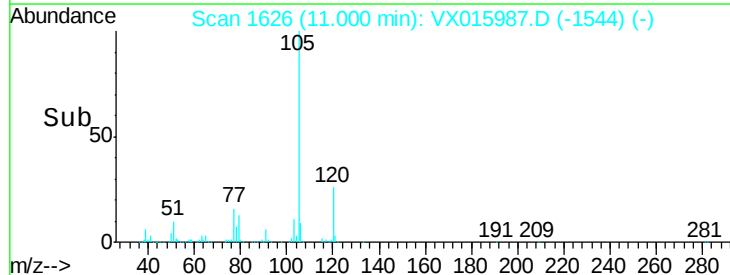
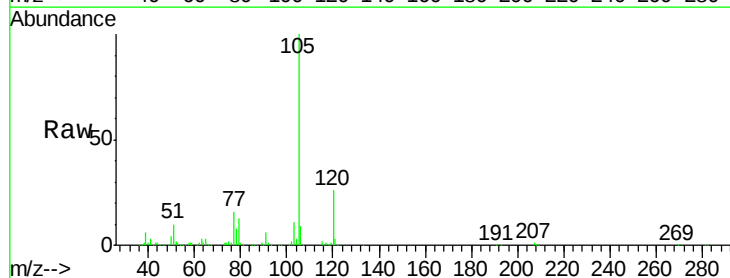
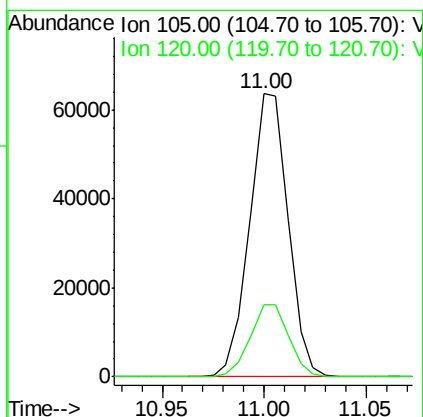
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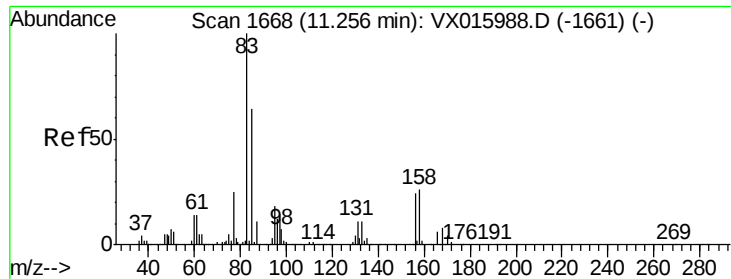
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#70
Isopropylbenzene
Concen: 5.308 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion:	105	Resp:	83438
Ion Ratio	Lower	Upper	
105	100		
120	25.9	18.6	34.5





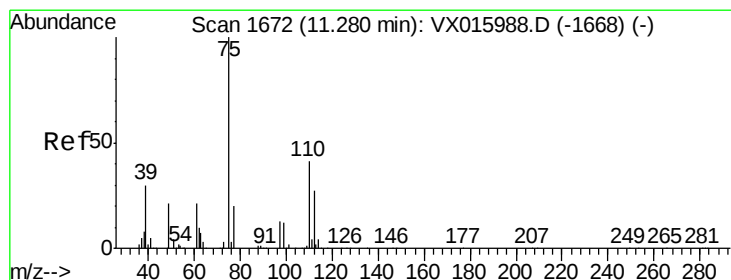
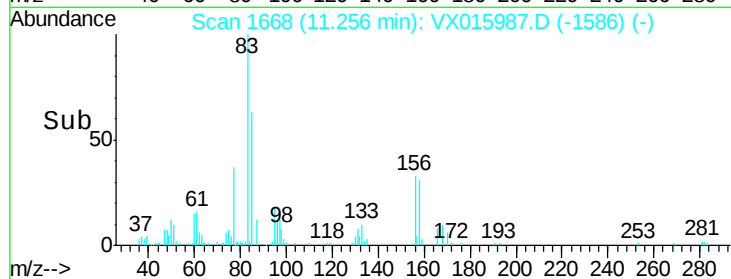
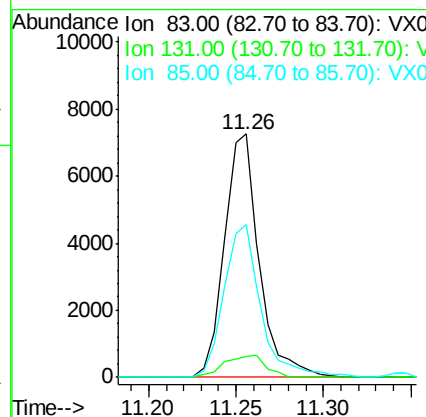
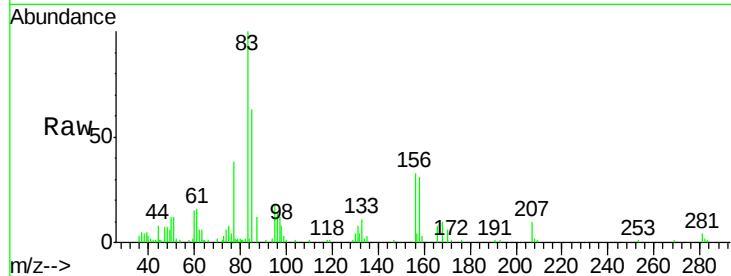
#71
 1,1,2,2-Tetrachloroethane
 Concen: 2.418 ug/l
 RT: 11.26 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: VX015987.D
 Acq: 30 Apr 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.2	15.6
85	65.8	33.0	98.9

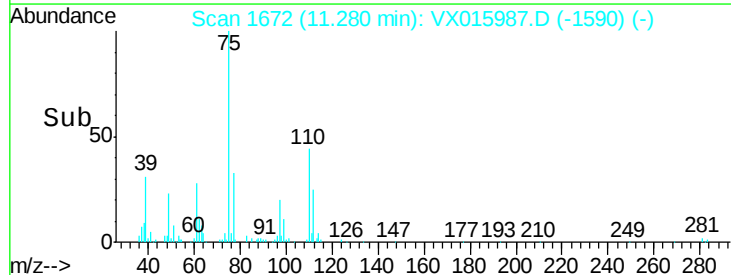
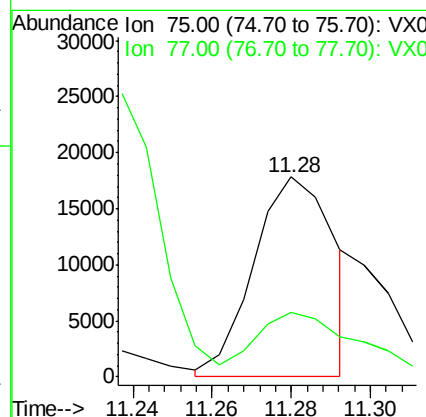
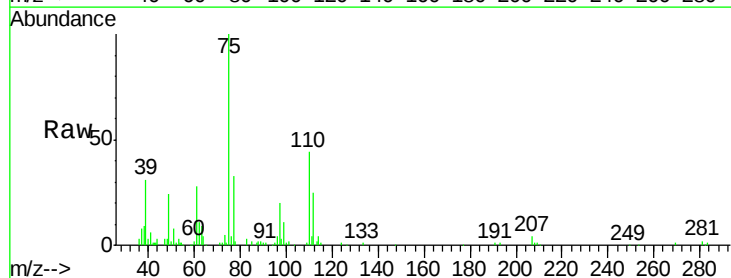
Manual Integrations
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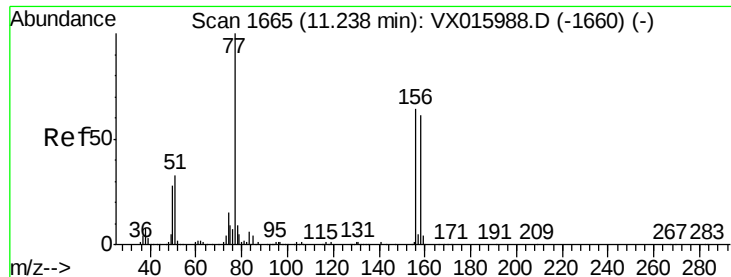
MMDadoda
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#72
 1,2,3-Trichloropropane
 Concen: 5.266 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX015987.D
 Acq: 30 Apr 2020 10:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	40.8	0.0	86.0





#73

Bromobenzene

Concen: 4.981 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

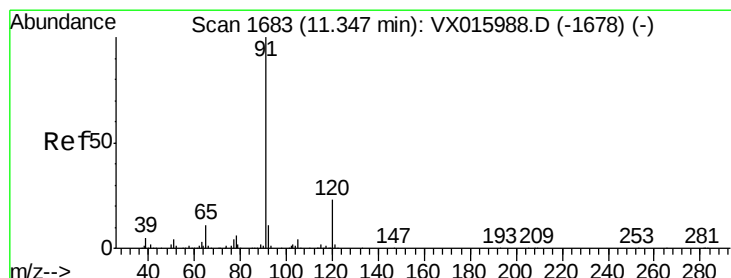
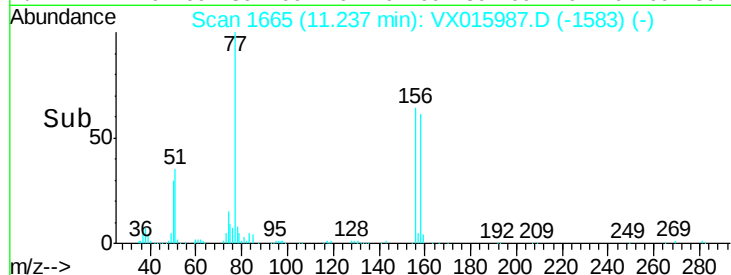
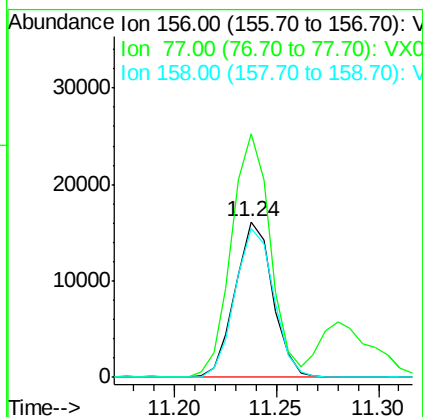
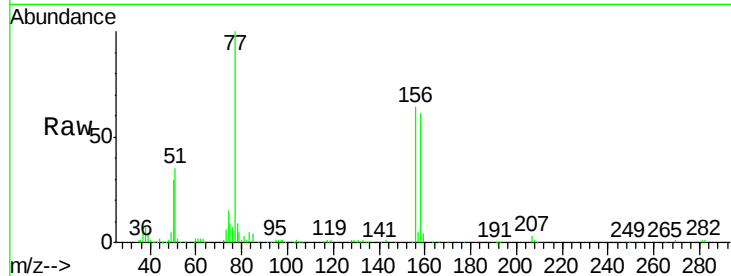
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	20647
Ion Ratio	Lower	Upper	
156	100		
77	161.2	0.0	318.0
158	98.1	0.0	193.2

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#74

n-propylbenzene

Concen: 5.337 ug/l

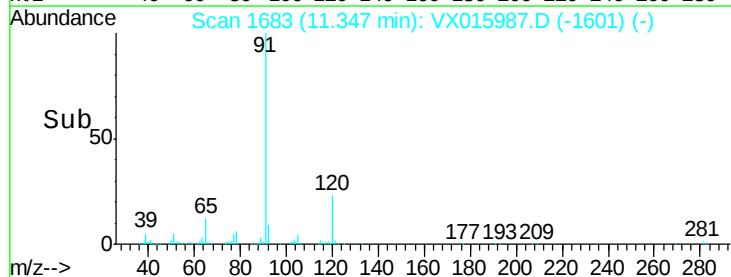
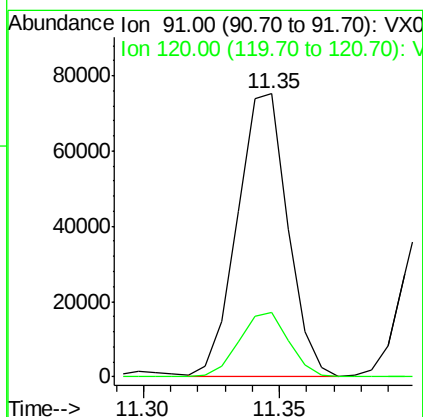
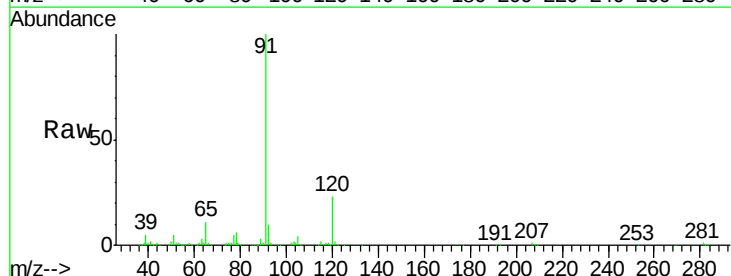
RT: 11.35 min Scan# 1683

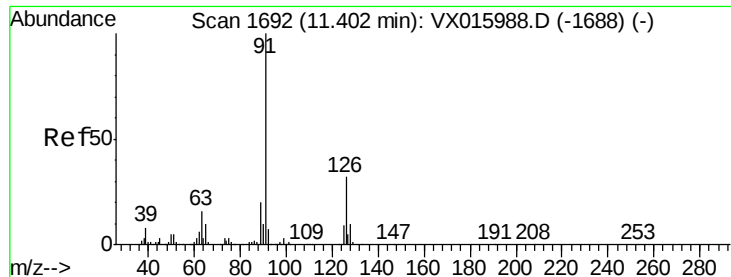
Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Tgt Ion:	91	Resp:	96535
Ion Ratio	Lower	Upper	
91	100		
120	22.6	0.0	45.4





#75

2-Chlorotoluene

Concen: 5.256 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 57136

Ion Ratio Lower Upper

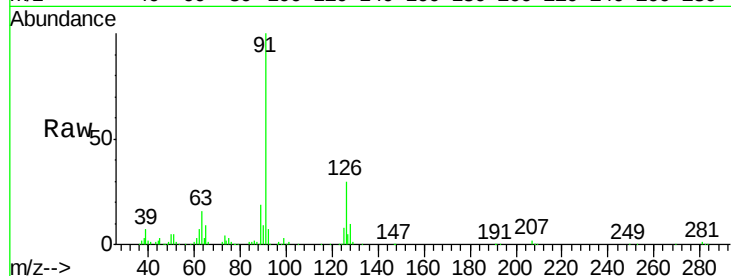
91 100

126 32.8 0.0 66.2

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Abundance Ion 91.00 (90.70 to 91.70): VX015988.D (-1688) (-)

Ion 126.00 (125.70 to 126.70): VX015988.D (-1688) (-)

80000

60000

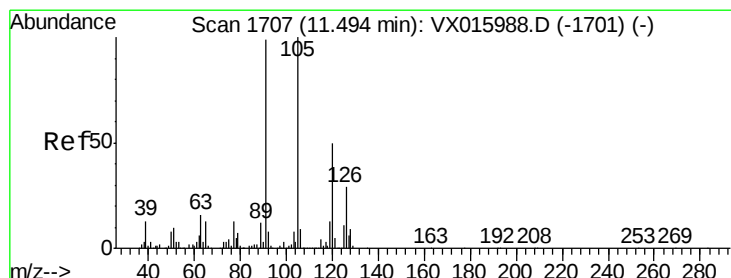
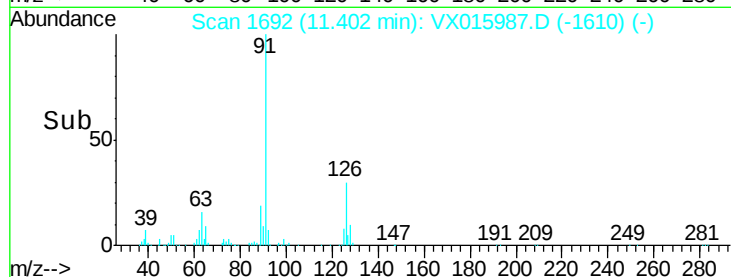
40000

20000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 5.124 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX015987.D

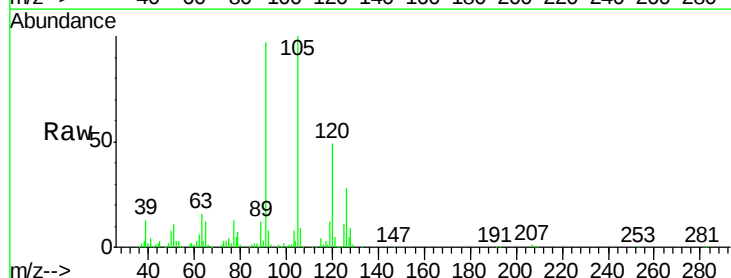
Acq: 30 Apr 2020 10:32

Tgt Ion: 105 Resp: 68681

Ion Ratio Lower Upper

105 100

120 48.6 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX015988.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX015988.D (-1701) (-)

60000

50000

40000

30000

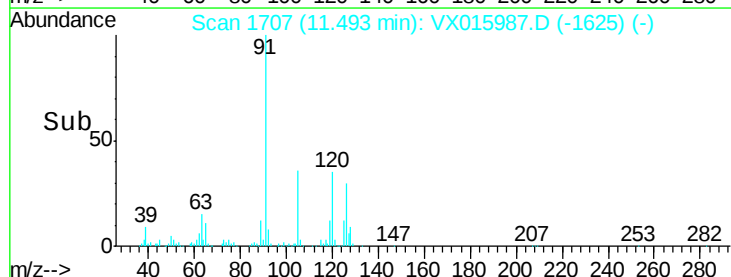
20000

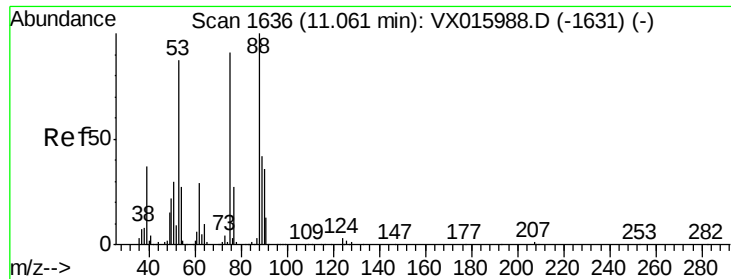
10000

0

11.45 11.50

Time-->





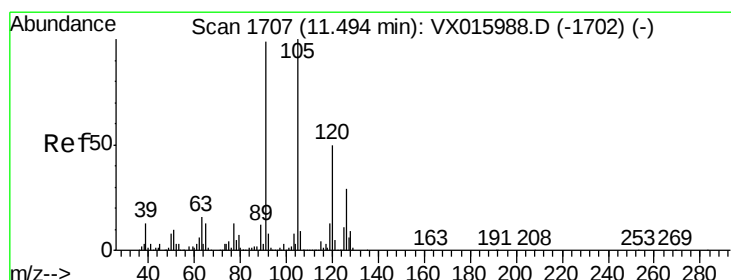
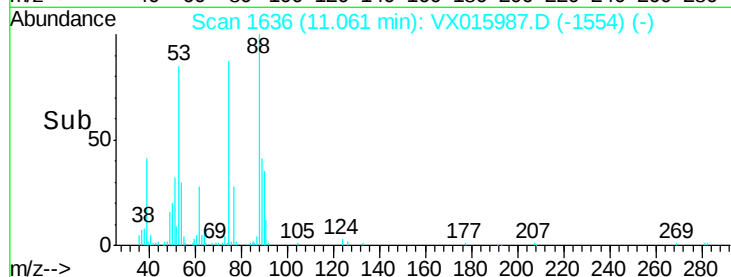
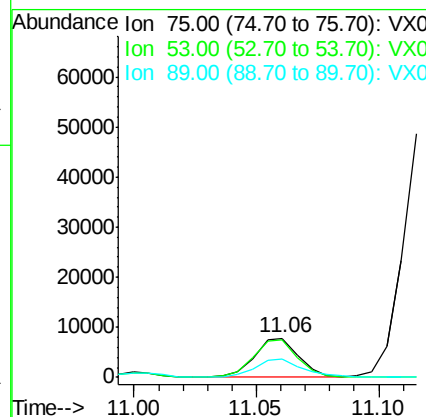
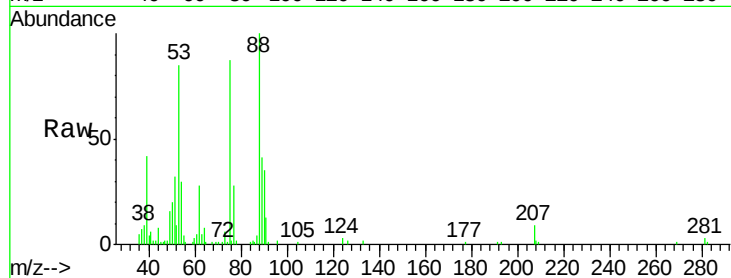
#77
t-1,4-Dichloro-2-butene
Concen: 4.815 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.6	48.0	144.2
89	46.9	23.4	70.3

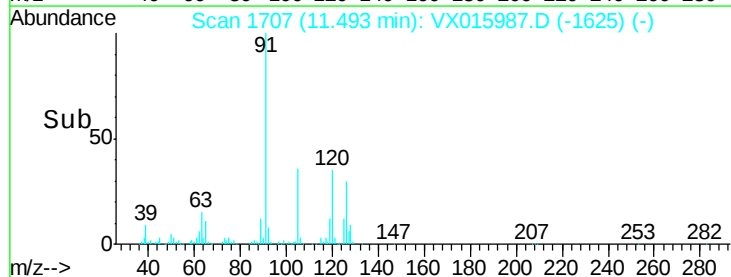
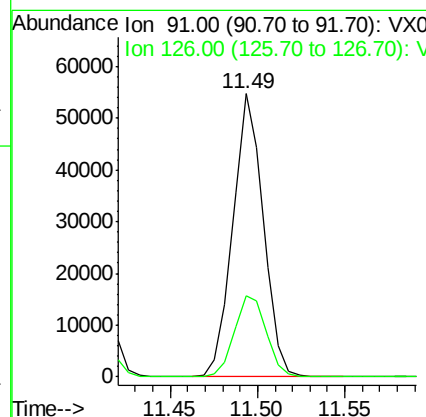
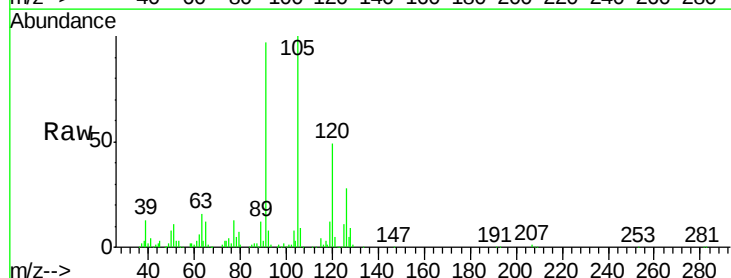
Manual Integrations
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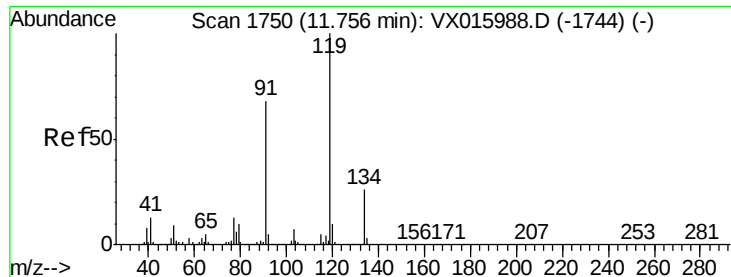
MMDadoda
5/4/2020 3:10:08 PM



#78
4-Chlorotoluene
Concen: 5.215 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	0.0	58.4





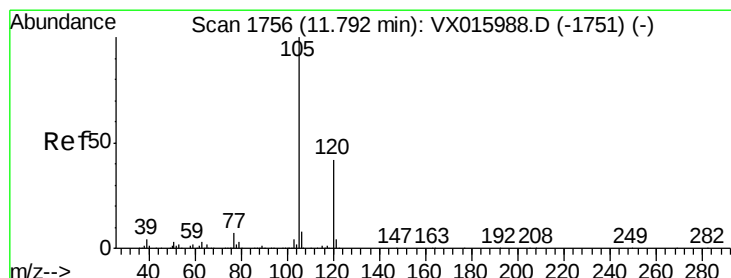
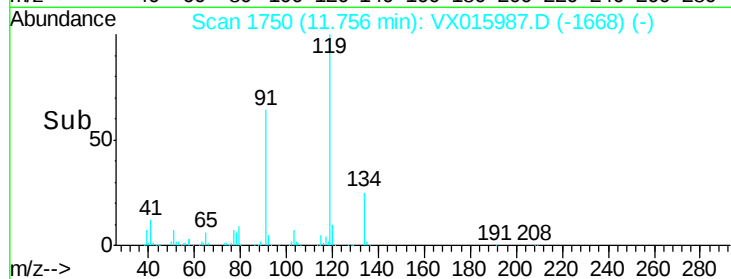
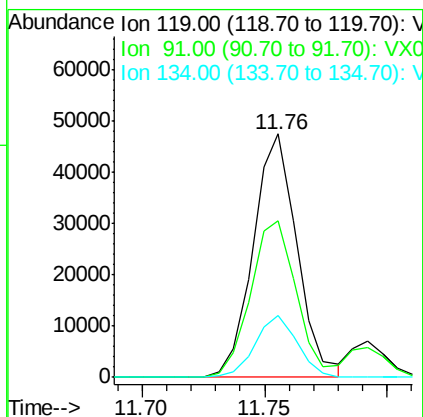
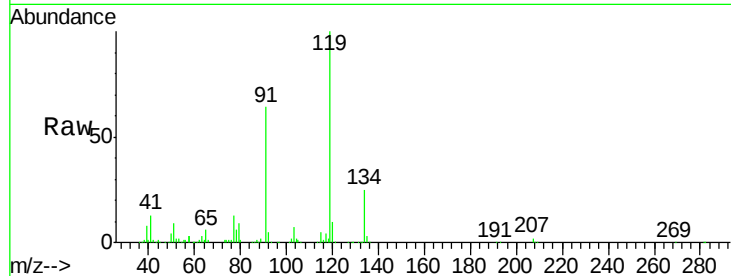
#79
tert-butylbenzene
Concen: 4.663 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	59071		
91	66.6		0.0	135.6
134	24.6		0.0	51.0

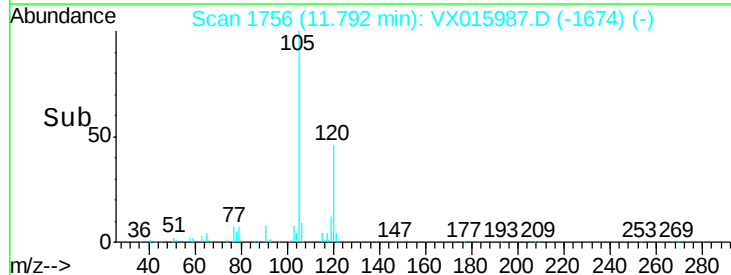
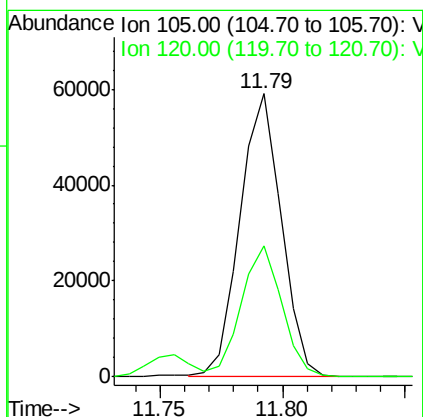
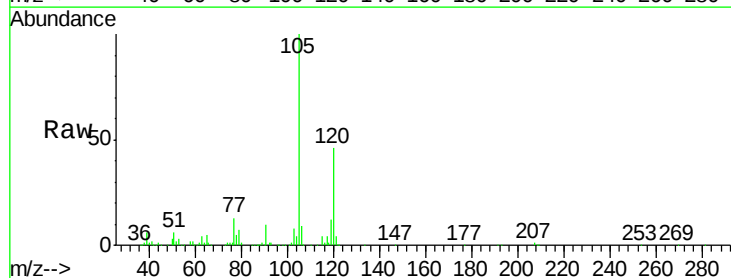
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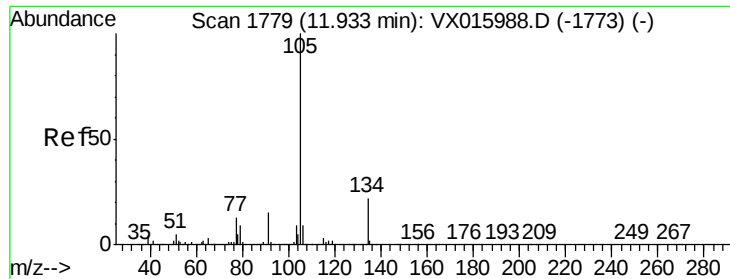
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 5.147 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	69498		
120	45.6		0.0	91.0





#81

sec-Butylbenzene

Concen: 5.107 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 78757

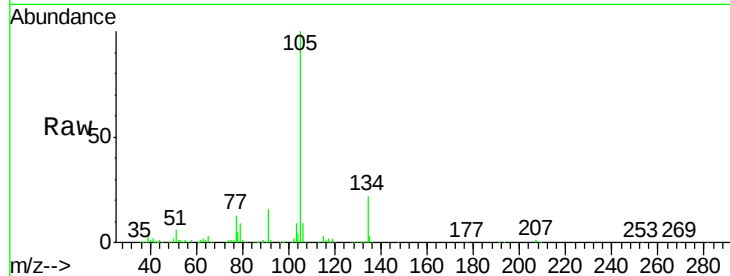
Ion Ratio Lower Upper

105 100

134 20.9 0.0 41.2

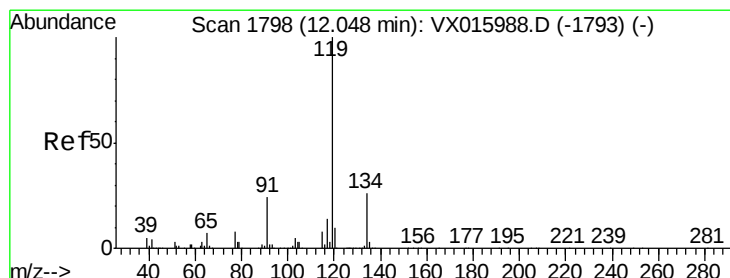
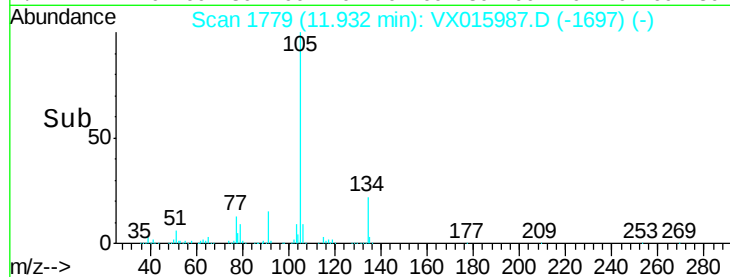
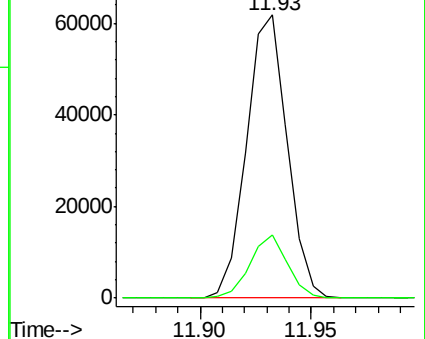
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 5.071 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

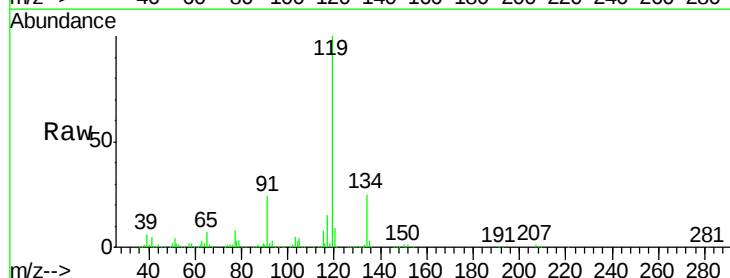
Tgt Ion:119 Resp: 73385

Ion Ratio Lower Upper

119 100

134 26.4 0.0 52.6

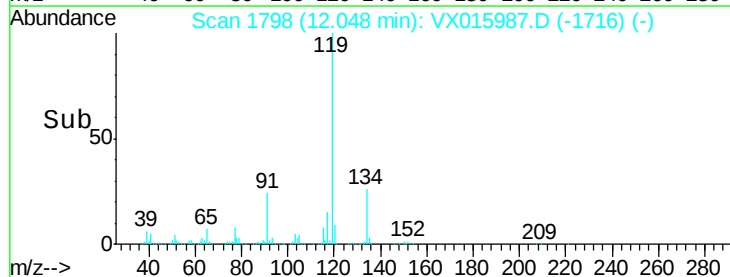
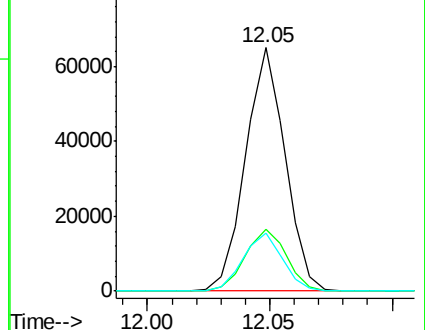
91 24.0 0.0 47.6

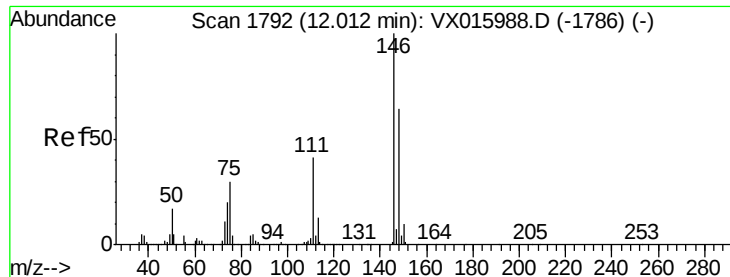


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





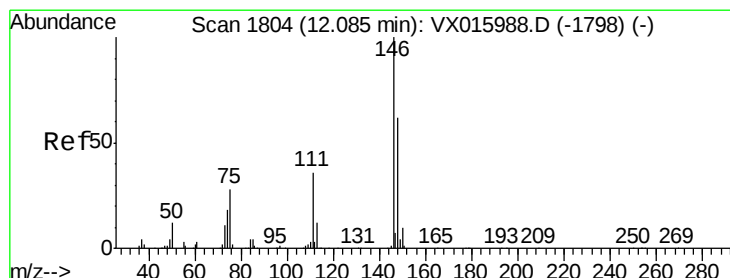
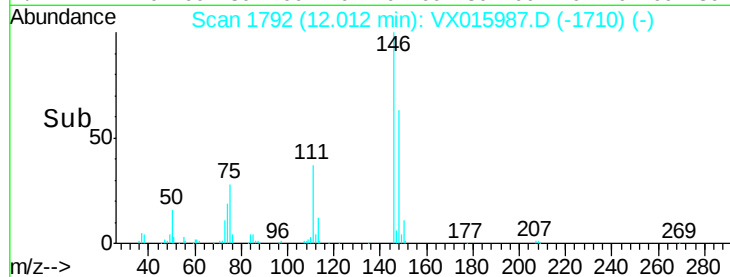
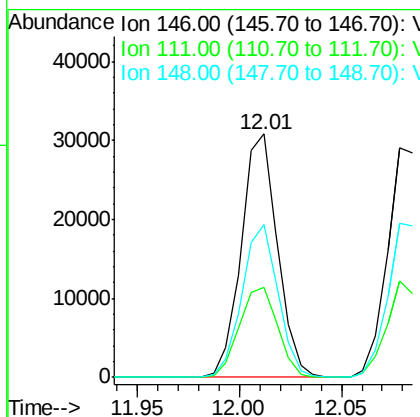
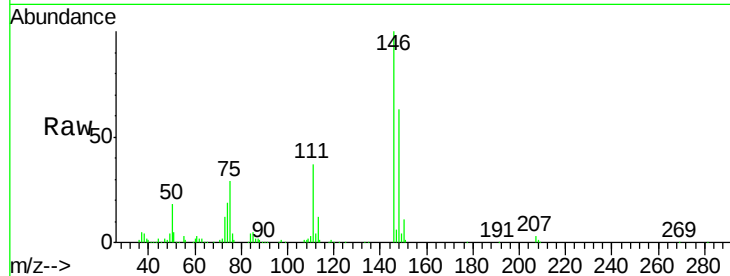
#83
 1,3-Dichlorobenzene
 Concen: 5.117 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX015987.D
 Acq: 30 Apr 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.4	61.3
148	62.4	31.9	95.9

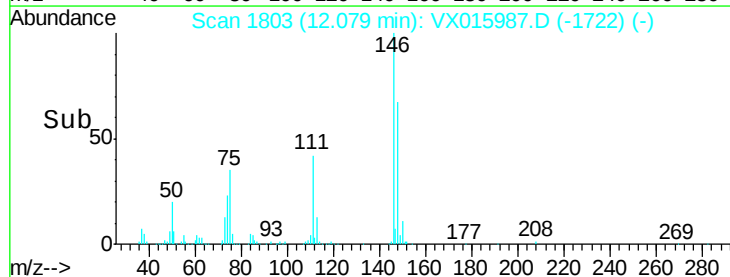
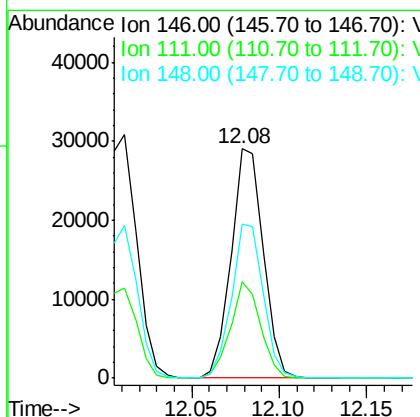
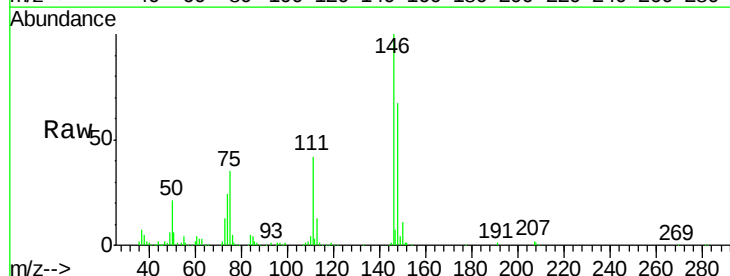
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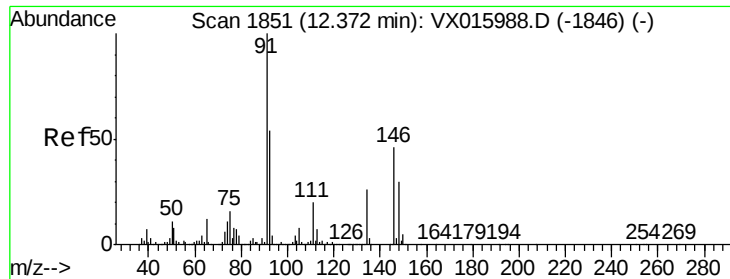
MMDadoda
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#84
 1,4-Dichlorobenzene
 Concen: 5.033 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX015987.D
 Acq: 30 Apr 2020 10:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.0
148	66.2	32.0	96.0





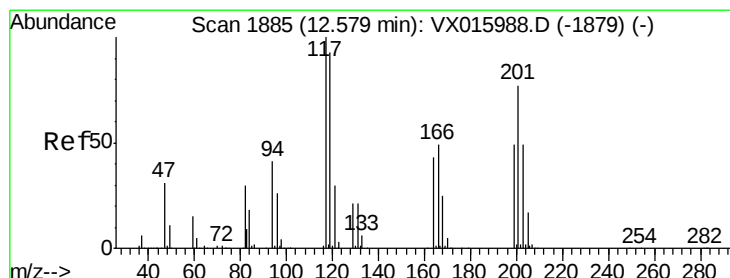
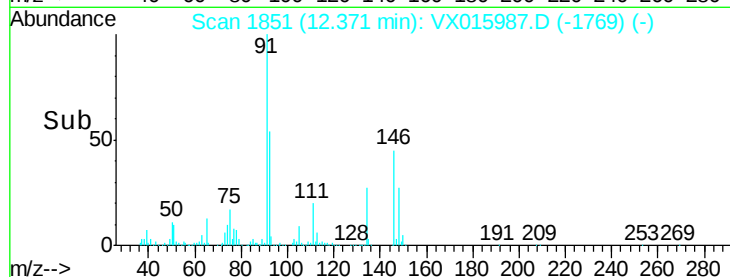
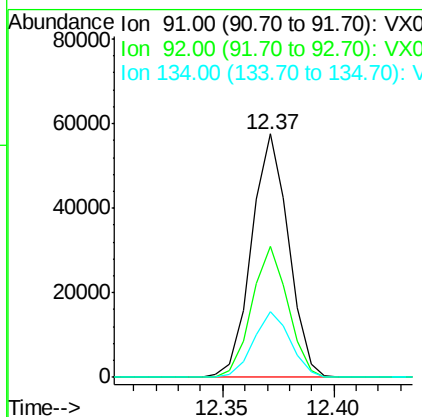
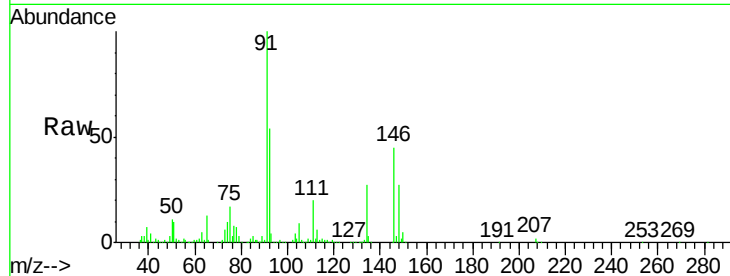
#85
n-Butylbenzene
Concen: 5.127 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
91	100	66399		
92	53.0		0.0	110.2
134	26.9		0.0	53.4

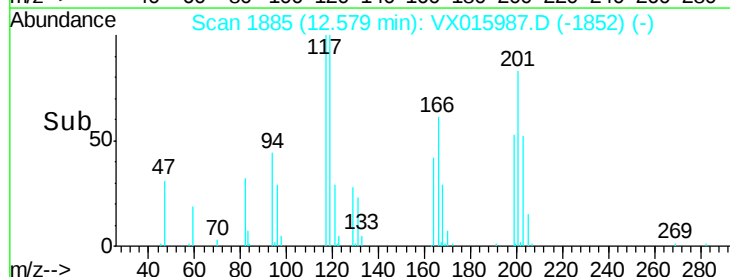
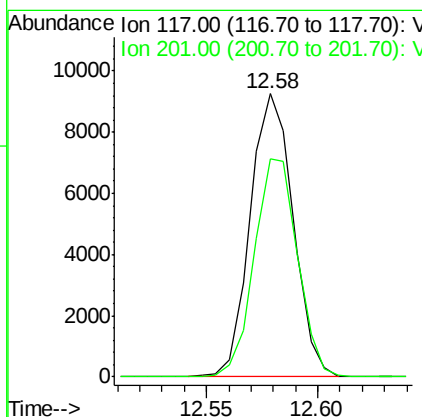
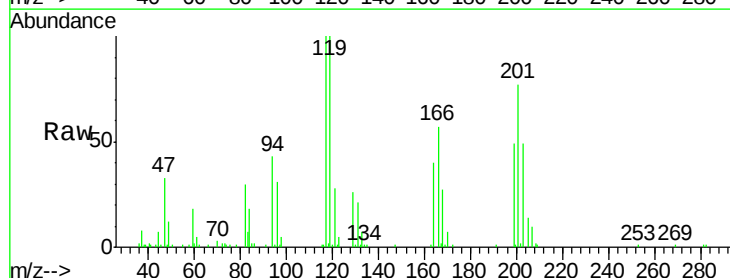
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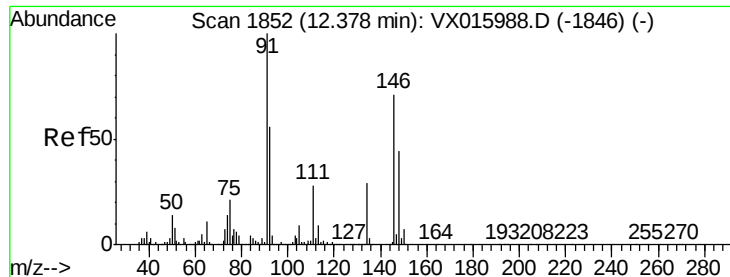
MMDadoda
5/4/2020 3:10:08 PM



#86
Hexachloroethane
Concen: 4.616 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	12436		
201	77.6		40.1	120.2





#87

1,2-Dichlorobenzene

Concen: 5.025 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX015987.D

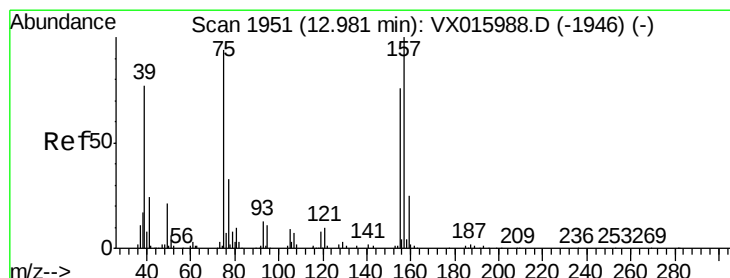
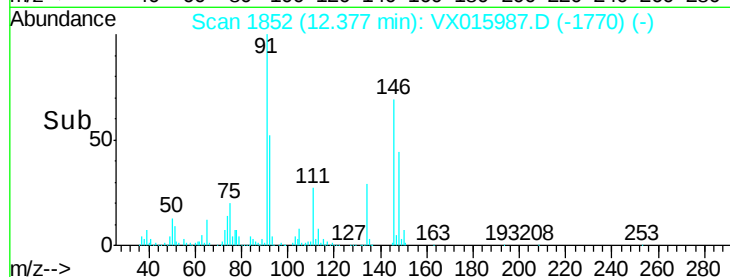
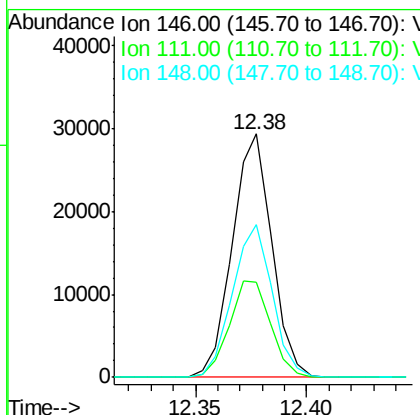
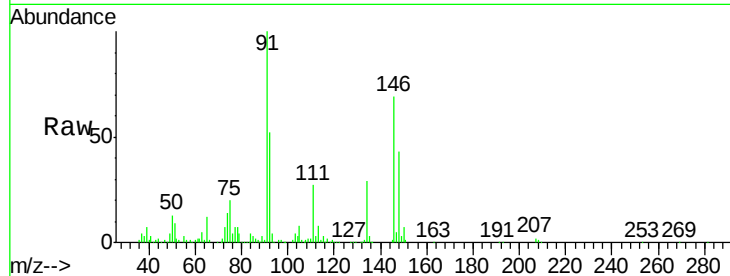
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.7	62.1
148	62.8	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 4.832 ug/l

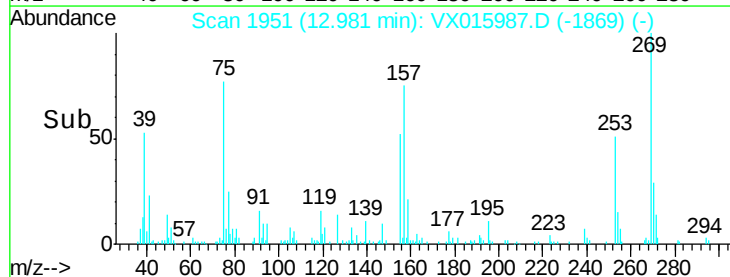
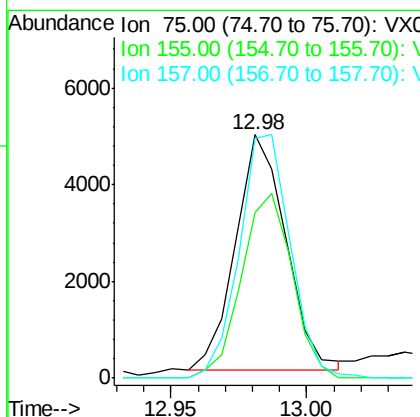
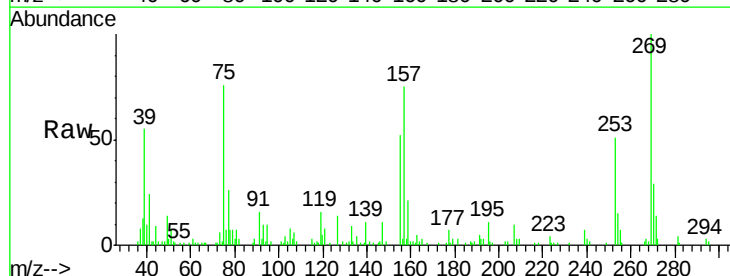
RT: 12.98 min Scan# 1951

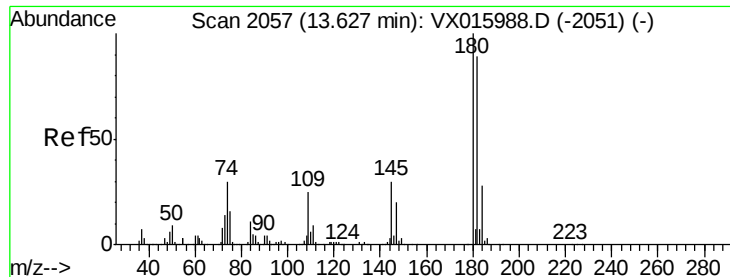
Delta R.T. -0.00 min

Lab File: VX015987.D

Acq: 30 Apr 2020 10:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.3	66.9	100.3
157	105.4	88.2	132.2





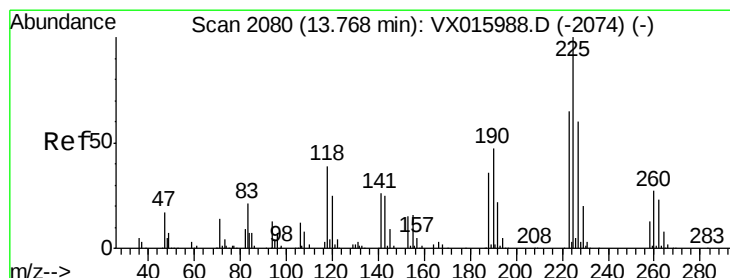
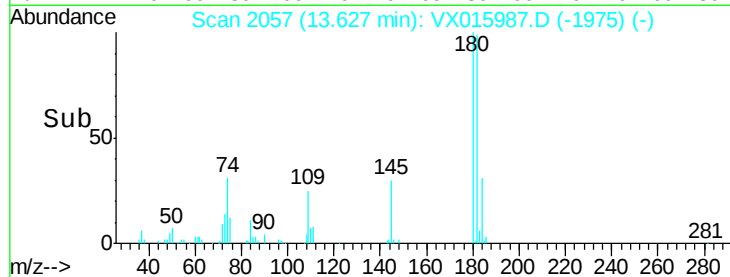
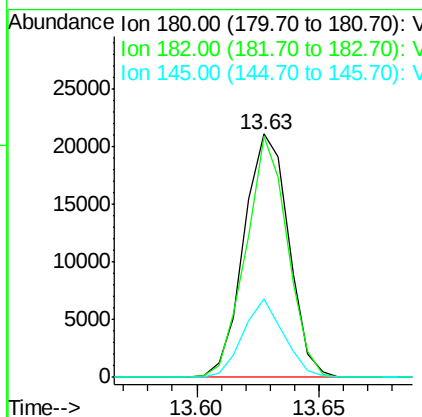
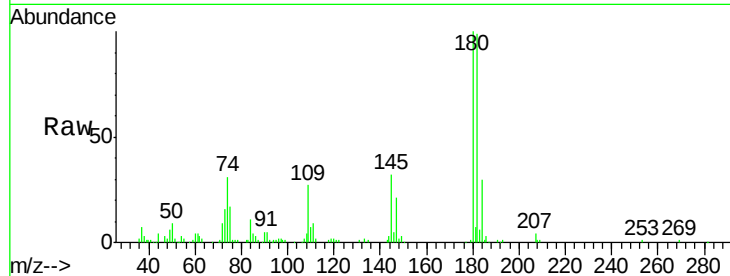
#89
 1,2,4-Trichlorobenzene
 Concen: 4.738 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX015987.D
 Acq: 30 Apr 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	75.0	112.6
145	29.3	23.9	35.9

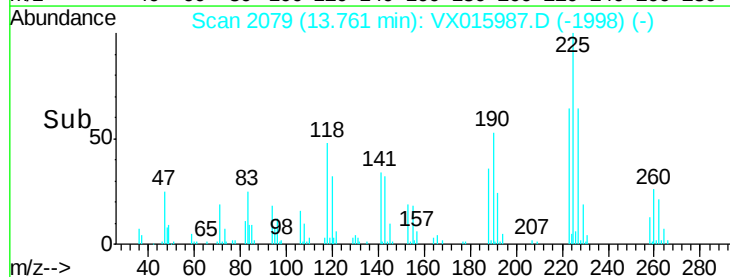
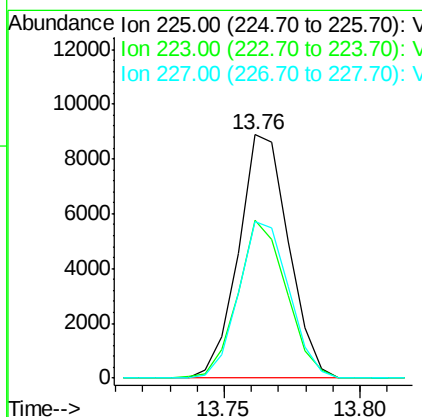
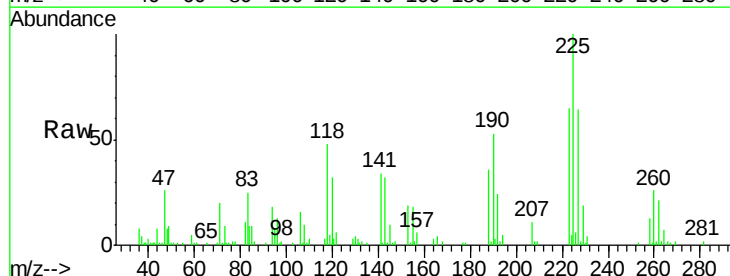
Manual Integrations
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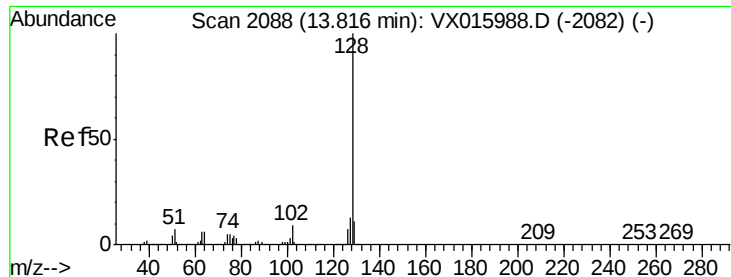
MMDadoda
 5/4/2020 3:10:08 PM



#90
 Hexachlorobutadiene
 Concen: 3.961 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX015987.D
 Acq: 30 Apr 2020 10:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	0.0	123.6
227	64.5	0.0	123.6





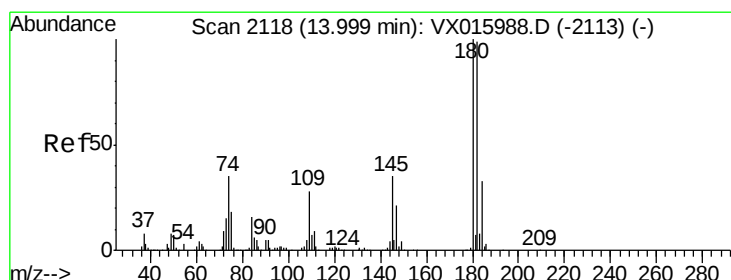
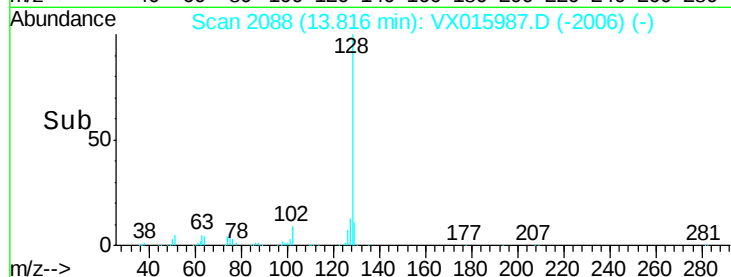
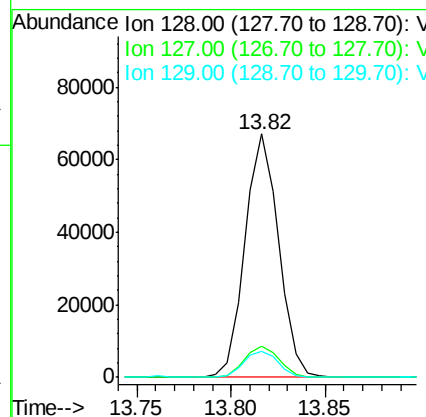
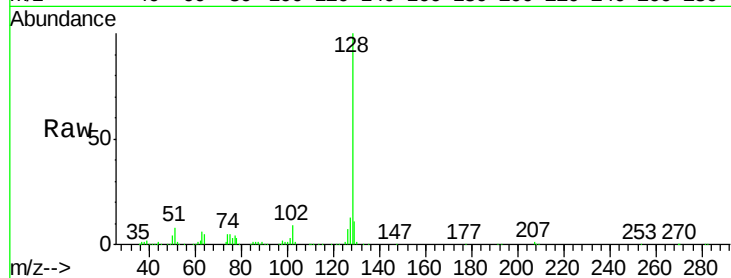
#91
Naphthalene
Concen: 4.942 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:128	Resp:	82998
Ion Ratio	Lower	Upper
128 100		
127 13.2	10.5	15.7
129 11.1	8.6	13.0

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 4.549 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX015987.D
Acq: 30 Apr 2020 10:32

Tgt Ion:180	Resp:	25274
Ion Ratio	Lower	Upper
180 100		
182 95.9	0.0	197.2
145 32.2	0.0	66.0

