

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050620\
 Data File : VX016073.D
 Acq On : 06 May 2020 10:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:54:37 AM

Quant Time: May 07 07:17:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	321563	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	500346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	469649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	238175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	169978	40.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.34%	
35) Dibromofluoromethane	5.46	113	133594	42.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.28%	
50) Toluene-d8	8.70	98	515336	42.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.38%	
62) 4-Bromofluorobenzene	11.12	95	201902	43.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.92%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	172306	50.624	ug/l	100
3) Chloromethane	1.31	50	183030	46.304	ug/l	100
4) Vinyl Chloride	1.39	62	200363	47.511	ug/l	100
5) Bromomethane	1.62	94	97157	45.698	ug/l	98
6) Chloroethane	1.70	64	122739	47.834	ug/l	98
7) Trichlorofluoromethane	1.91	101	263858	47.657	ug/l	100
8) Diethyl Ether	2.17	74	107738	46.184	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	158211	49.530	ug/l	99
10) Methyl Iodide	2.49	142	192517	44.869	ug/l	99
11) Tert butyl alcohol	3.01	59	236533	221.054	ug/l	100
12) 1,1-Dichloroethene	2.36	96	157061	46.987	ug/l	96
13) Acrolein	2.27	56	152097	227.152	ug/l	99
14) Allyl chloride	2.70	41	292334	47.697	ug/l	98
15) Acrylonitrile	3.11	53	512349	230.812	ug/l	99
16) Acetone	2.42	43	425072	225.141	ug/l	97
17) Carbon Disulfide	2.55	76	483266	48.135	ug/l	99
18) Methyl Acetate	2.75	43	213778	46.051	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	557262	48.360	ug/l	100
20) Methylene Chloride	2.83	84	178413	45.839	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	174418	46.824	ug/l	99
22) Diisopropyl ether	3.82	45	557299	48.198	ug/l	89
23) Vinyl Acetate	3.78	43	2474441	243.244	ug/l	100
24) 1,1-Dichloroethane	3.67	63	312472	48.309	ug/l	99
25) 2-Butanone	4.63	43	690621	227.000	ug/l	100
26) 2,2-Dichloropropane	4.55	77	287378	48.650	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	195384	47.979	ug/l	99
28) Bromochloromethane	4.98	49	146967	49.830	ug/l	100
29) Tetrahydrofuran	5.09	42	460605	228.488	ug/l	100
30) Chloroform	5.17	83	308647	47.926	ug/l	99
31) Cyclohexane	5.54	56	291863	49.651	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	283485	48.426	ug/l	99
36) 1,1-Dichloropropene	5.77	75	243782	49.497	ug/l	99
37) Ethyl Acetate	4.79	43	272217	47.687	ug/l	100
38) Carbon Tetrachloride	5.75	117	251407	50.220	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	304335	51.310	ug/l	99
40) Benzene	6.11	78	704918	48.916	ug/l	100
41) Methacrylonitrile	5.00	41	145297	47.131	ug/l	99
42) 1,2-Dichloroethane	6.16	62	250475	48.249	ug/l	99
43) Isopropyl Acetate	6.41	43	438203	48.112	ug/l	99
44) Trichloroethene	7.19	130	251722	49.168	ug/l	98
45) 1,2-Dichloropropane	7.49	63	182021	49.917	ug/l	100
46) Dibromomethane	7.63	93	120477	48.618	ug/l	100
47) Bromodichloromethane	7.87	83	252509	50.033	ug/l	100
48) Methyl methacrylate	7.74	41	207802	48.149	ug/l	99
49) 1,4-Dioxane	7.71	88	95754	925.090	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1344035	241.144	ug/l	99
52) Toluene	8.76	92	450717	50.177	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	300044	49.863	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	314655	50.062	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	174293	49.318	ug/l	98
56) Ethyl methacrylate	9.16	69	292538	50.711	ug/l	98
57) 1,3-Dichloropropane	9.35	76	307638	49.888	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	866159	282.034	ug/l	100
59) 2-Hexanone	9.47	43	1049482	239.768	ug/l	99
60) Dibromochloromethane	9.57	129	200321	51.467	ug/l	100
61) 1,2-Dibromoethane	9.65	107	190703	49.818	ug/l	99
64) Tetrachloroethene	9.32	164	288491	50.037	ug/l	99
65) Chlorobenzene	10.12	112	480750	48.887	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	179277	49.323	ug/l	99
67) Ethyl Benzene	10.23	91	864954	49.296	ug/l	99
68) m/p-Xylenes	10.34	106	655072	99.647	ug/l	99
69) o-Xylene	10.68	106	315881	49.988	ug/l	100
70) Styrene	10.70	104	546816	51.007	ug/l	100
71) Bromoform	10.84	173	152905	51.634	ug/l #	100
73) Isopropylbenzene	11.00	105	856646	49.450	ug/l	99
74) N-amyl acetate	10.88	43	380078	47.037	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	151227	45.095	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	259227m	47.963	ug/l	
77) Bromobenzene	11.24	156	213482	47.743	ug/l	99
78) n-propylbenzene	11.34	91	1004373	49.837	ug/l	100
79) 2-Chlorotoluene	11.40	91	574721	48.313	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	728154	49.783	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	109851	48.436	ug/l #	93
82) 4-Chlorotoluene	11.49	91	693168	49.344	ug/l	100
83) tert-Butylbenzene	11.76	119	623290	49.447	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	727729	49.212	ug/l	100
85) sec-Butylbenzene	11.93	105	854762	50.223	ug/l	100
86) p-Isopropyltoluene	12.05	119	801076	50.696	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	383001	47.704	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	385078	47.255	ug/l	99
89) n-Butylbenzene	12.37	91	736972	51.052	ug/l	99
90) Hexachloroethane	12.58	117	135345	49.873	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	371657	48.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	62402	43.808	ug/l	98

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VSTDCCC050

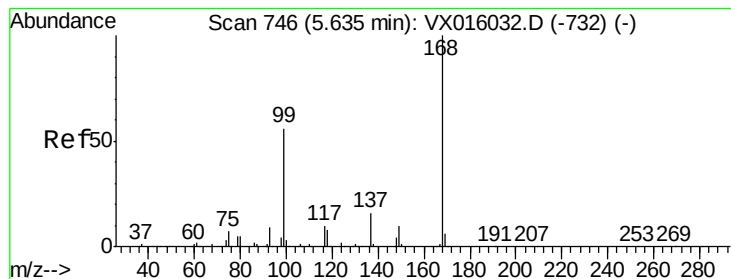
Manual Integrations
APPROVED

MMDadoda
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QLast Update : Wed May 06 06:43:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	280243	48.963	ug/l	98
94) Hexachlorobutadiene	13.77	225	135017	54.733	ug/l	98
95) Naphthalene	13.82	128	885383	47.773	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	271679	48.568	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 321563

Ion Ratio Lower Upper

168 100

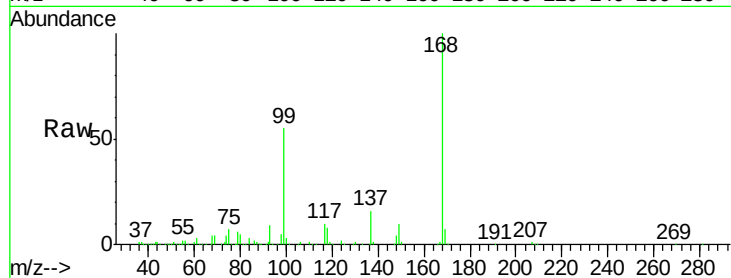
99 55.2 45.0 67.4

Manual Integrations

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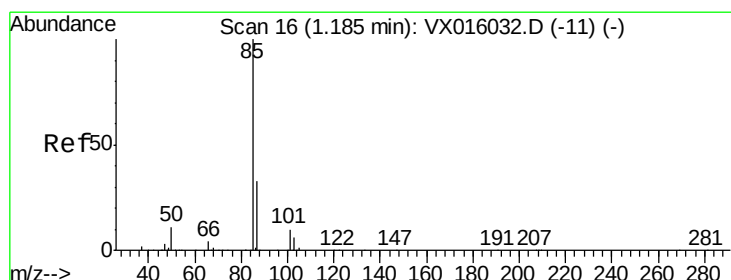
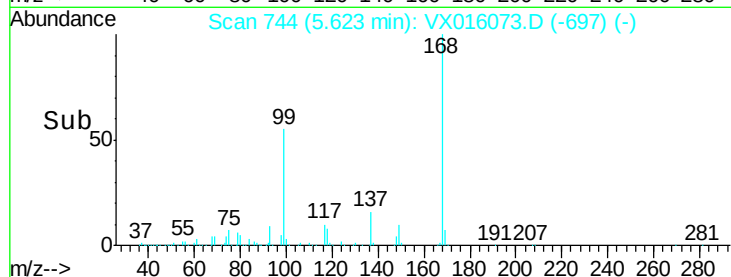
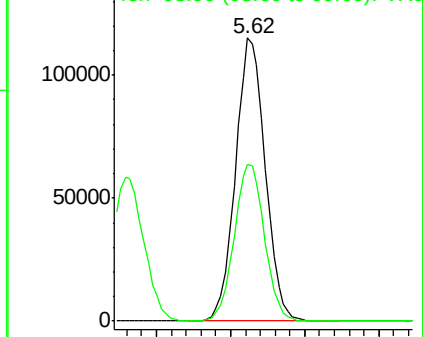
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.624 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016073.D

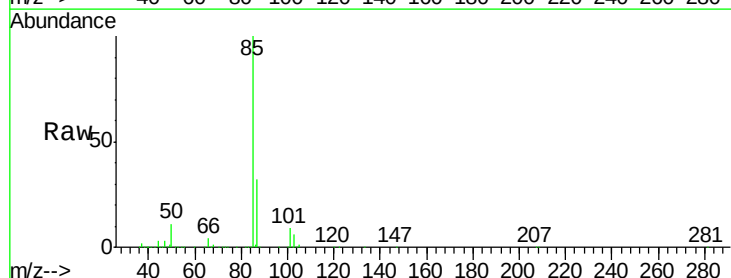
Acq: 06 May 2020 10:45

Tgt Ion: 85 Resp: 172306

Ion Ratio Lower Upper

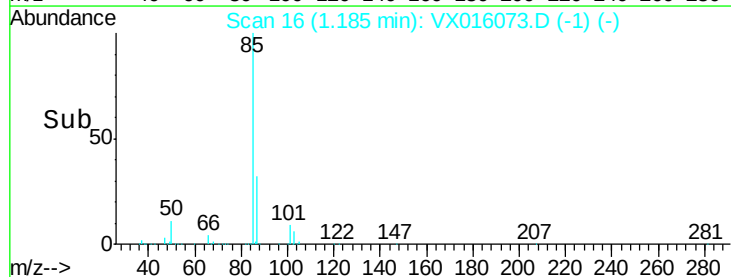
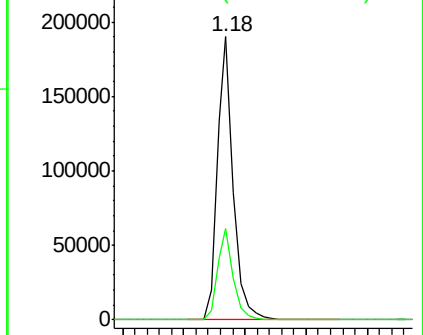
85 100

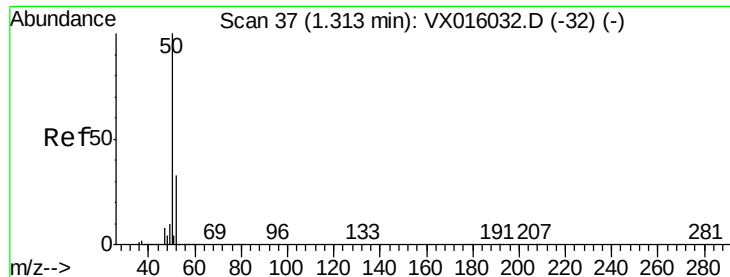
87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.304 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 183030

Ion Ratio Lower Upper

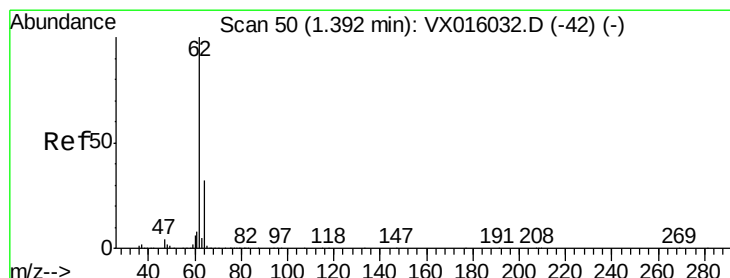
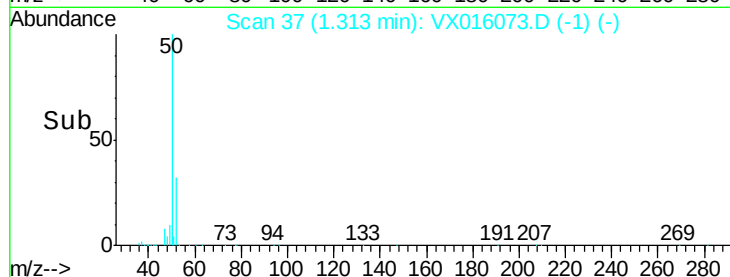
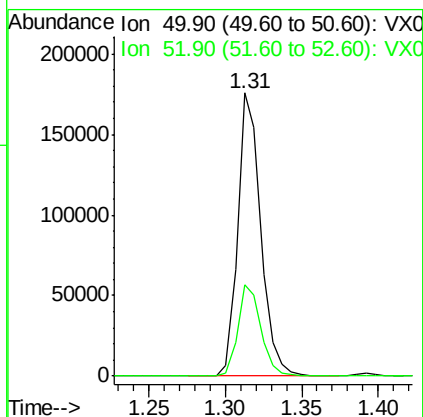
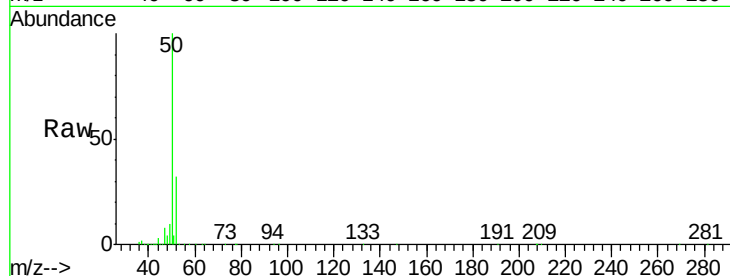
50 100

52 32.5 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 47.511 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016073.D

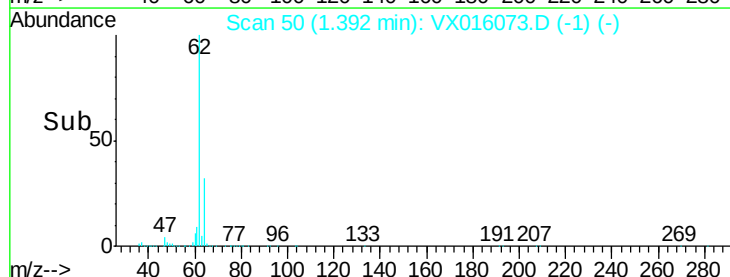
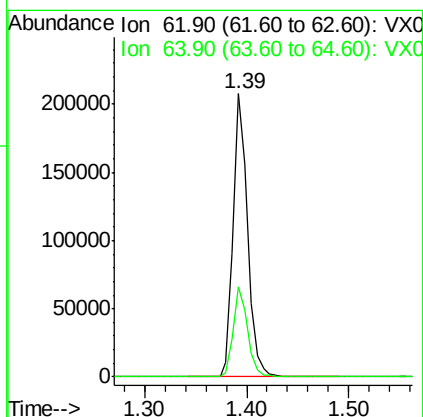
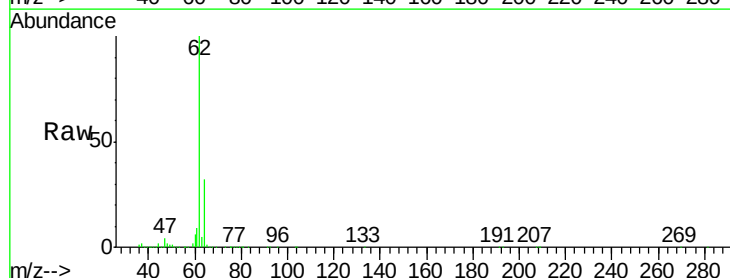
Acq: 06 May 2020 10:45

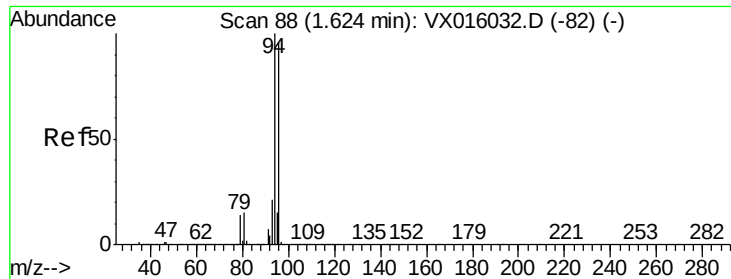
Tgt Ion: 62 Resp: 200363

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 45.698 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 97157

Ion Ratio Lower Upper

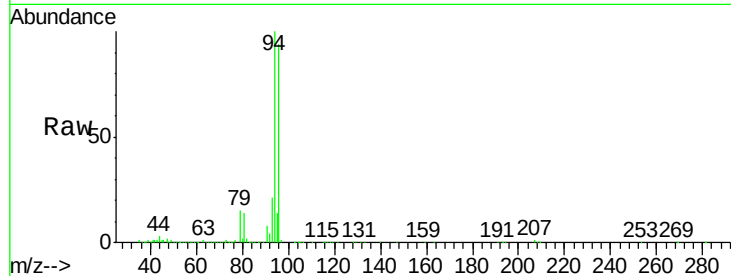
94 100

96 93.8 76.9 115.3

Manual Integrations
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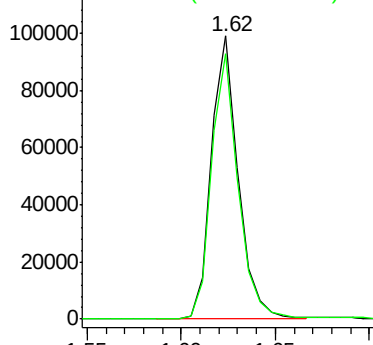
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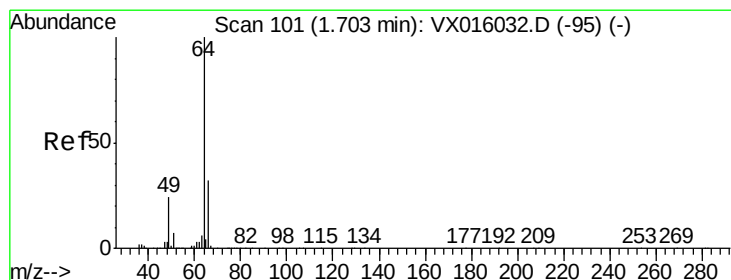
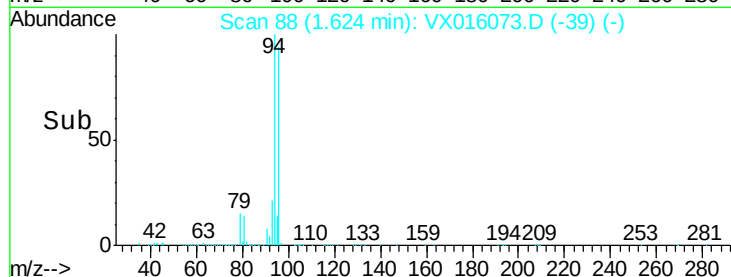


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 47.834 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016073.D

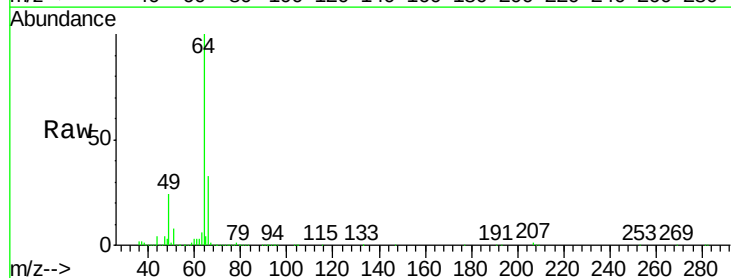
Acq: 06 May 2020 10:45

Tgt Ion: 64 Resp: 122739

Ion Ratio Lower Upper

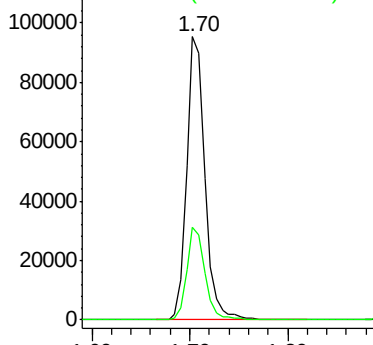
64 100

66 32.8 25.2 37.8

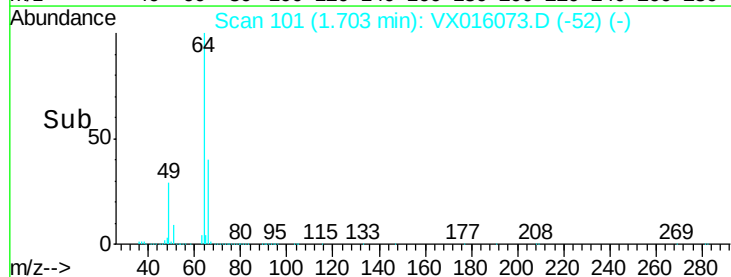


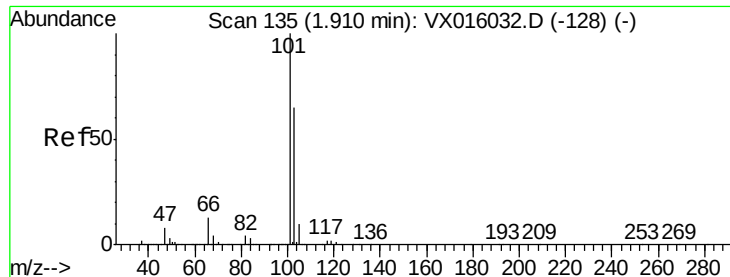
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

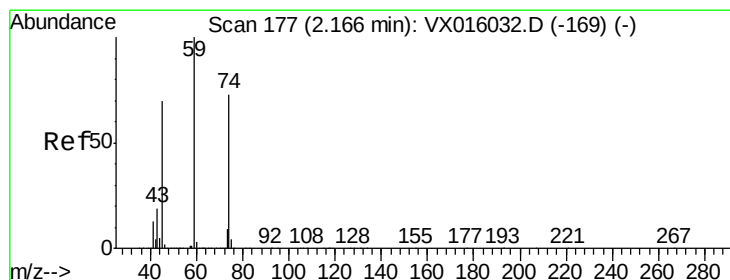
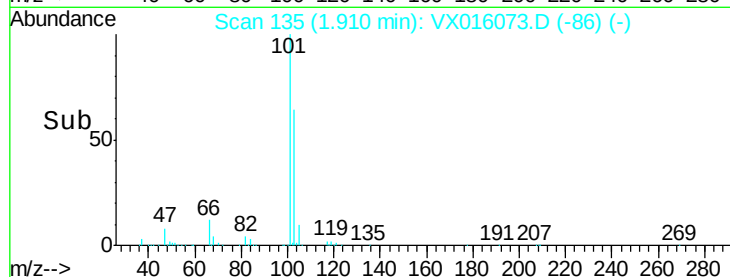
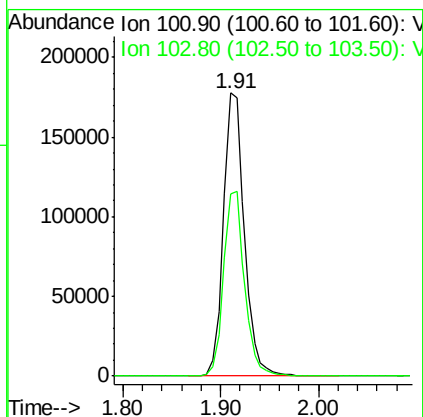
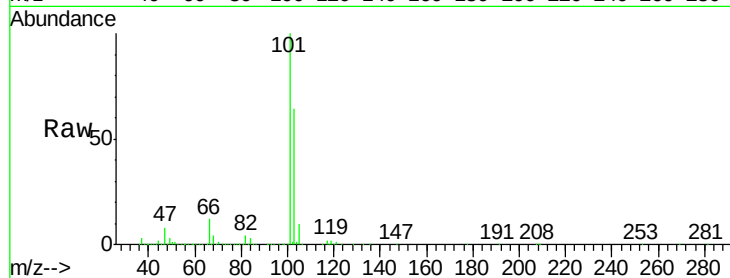
Trichlorofluoromethane
Concen: 47.657 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.8	77.6

Manual Integrations
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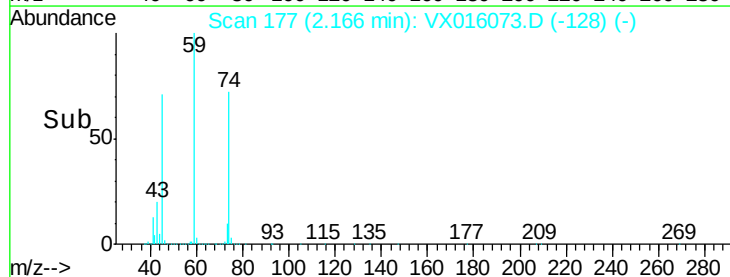
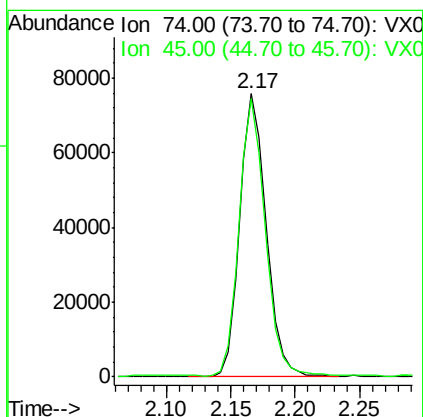
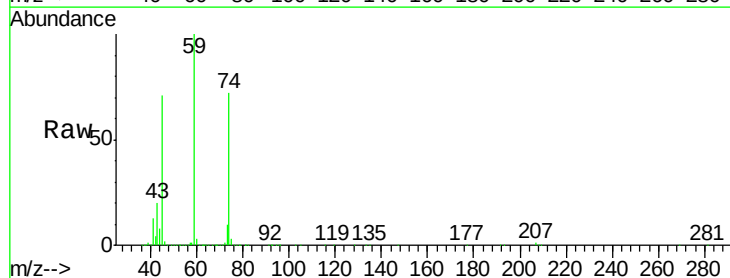
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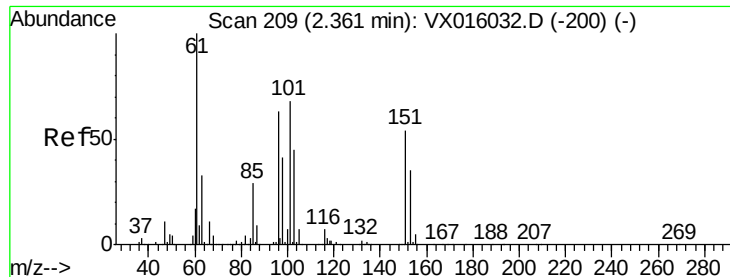


#8

Diethyl Ether
Concen: 46.184 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.530 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

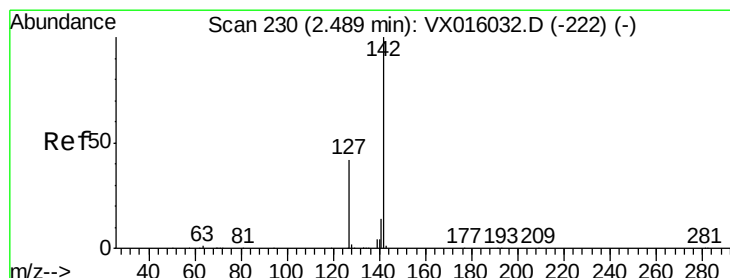
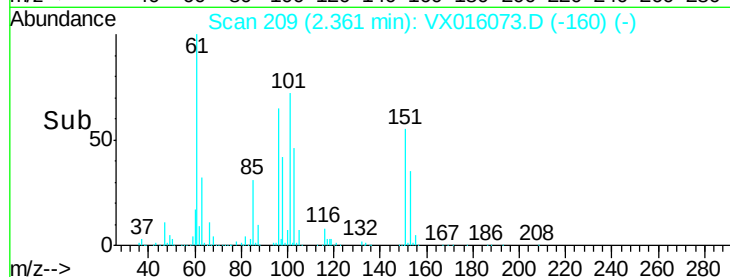
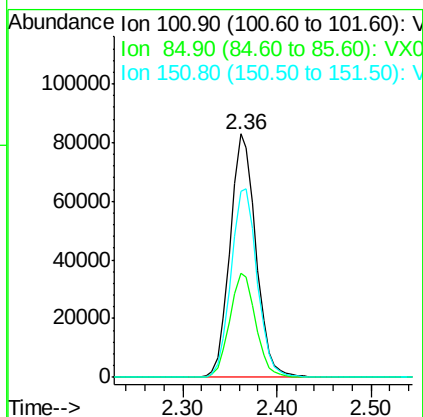
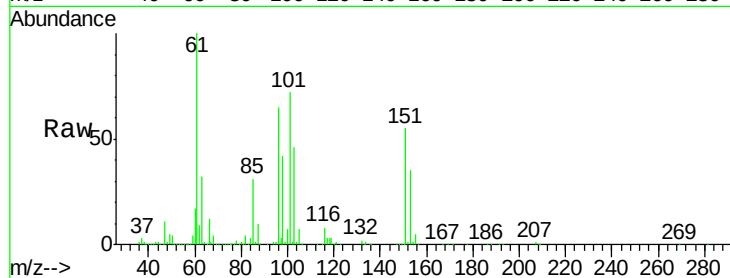
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	158211
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.2	51.4
151	78.8	62.1	93.1

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#10

Methyl Iodide

Concen: 44.869 ug/l

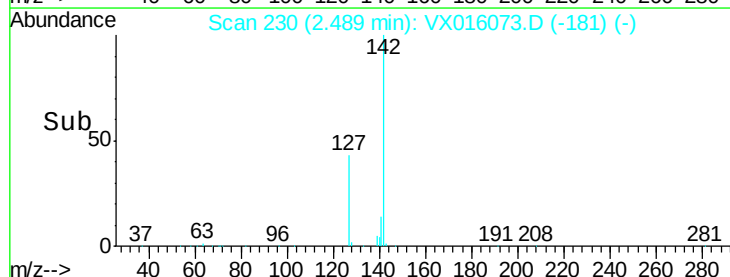
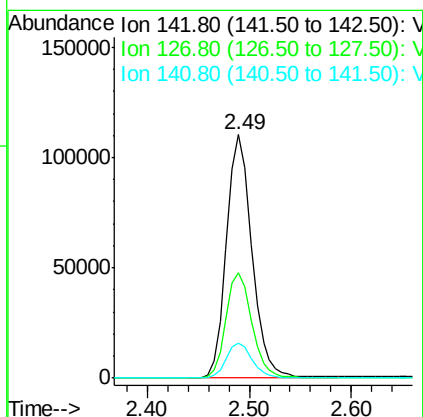
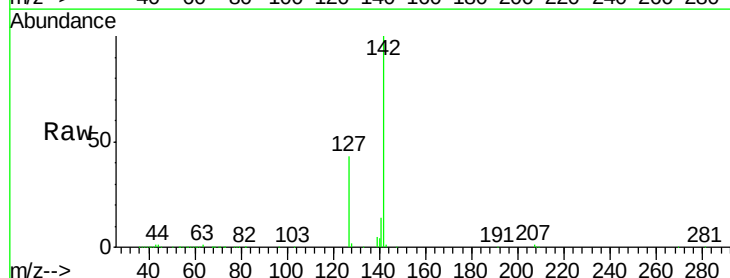
RT: 2.49 min Scan# 230

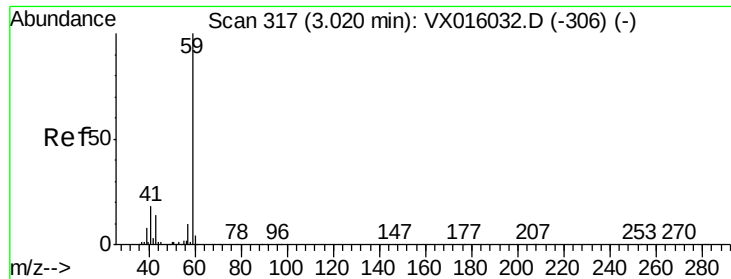
Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Tgt Ion:	142	Resp:	192517
Ion Ratio	Lower	Upper	
142	100		
127	43.9	34.6	52.0
141	14.6	11.3	16.9





#11

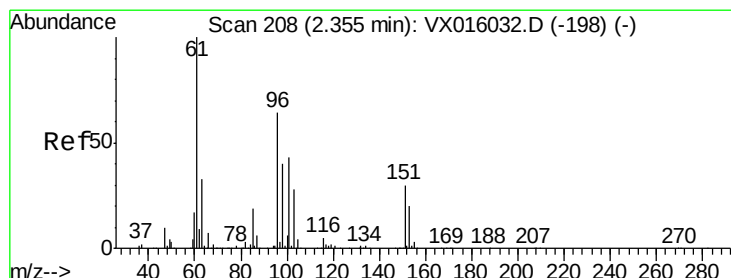
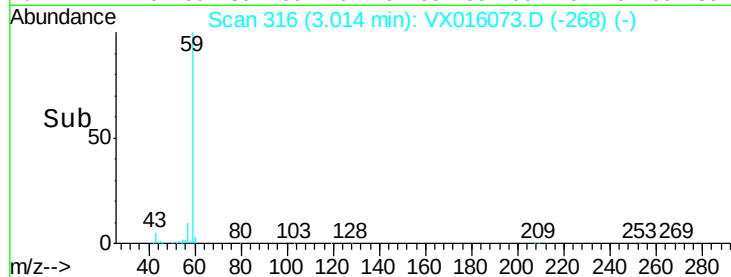
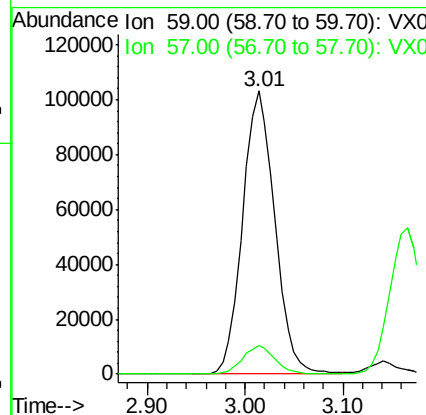
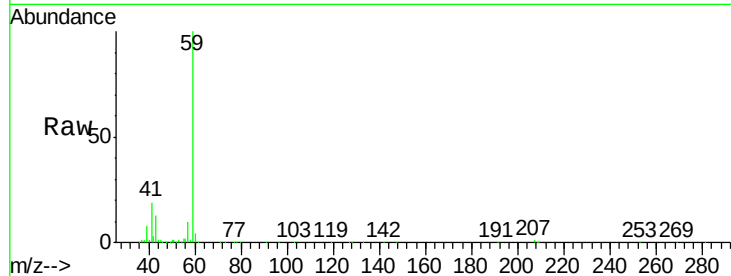
Tert butyl alcohol
 Concen: 221.054 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

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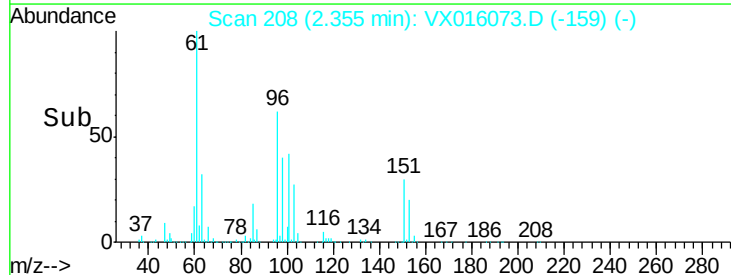
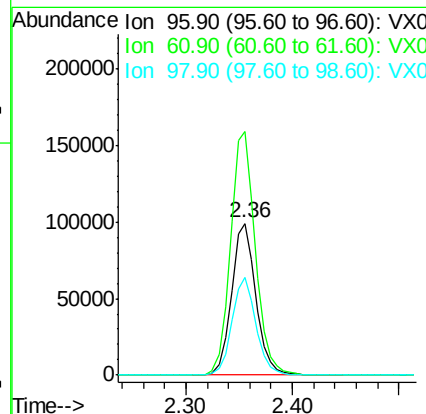
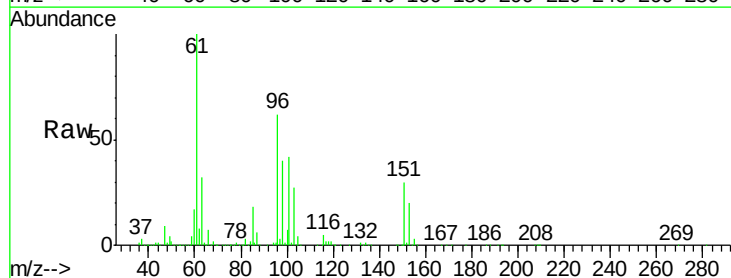
MMDadoda
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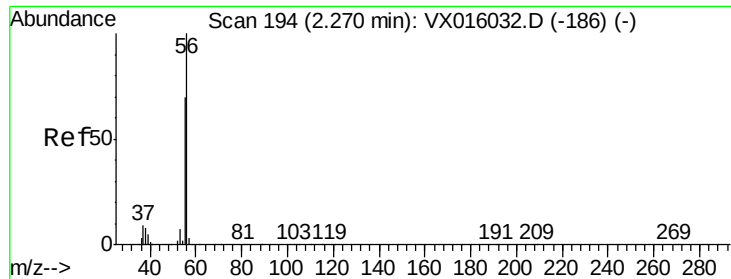


#12

1,1-Dichloroethene
 Concen: 46.987 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.9	124.8	187.2
98	64.3	49.7	74.5





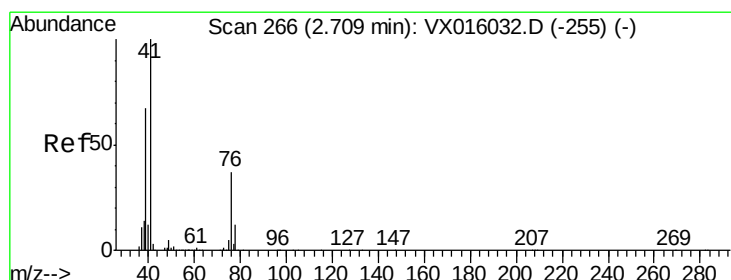
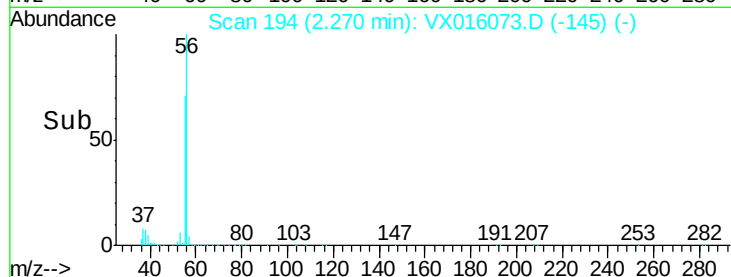
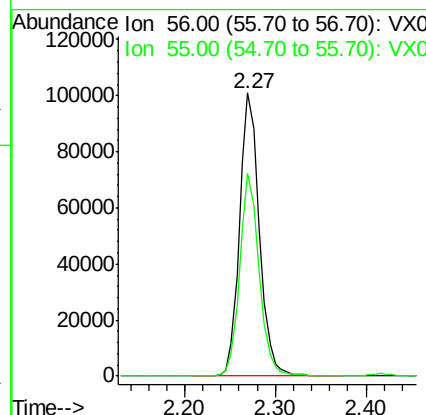
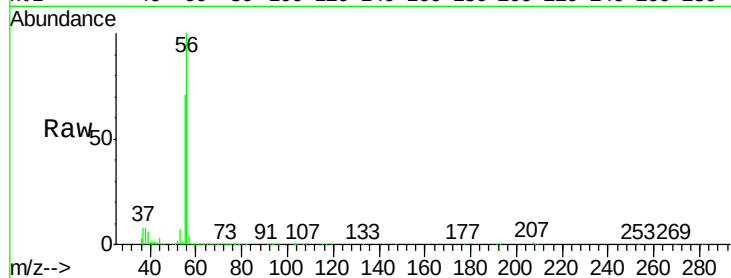
#13
Acrolein
Concen: 227.152 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.0	56.5	84.7

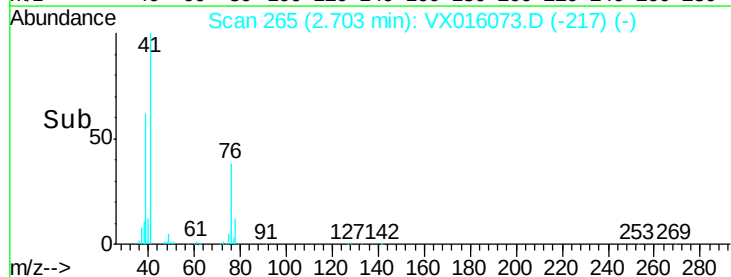
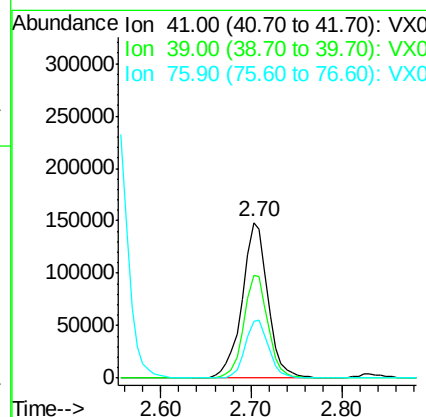
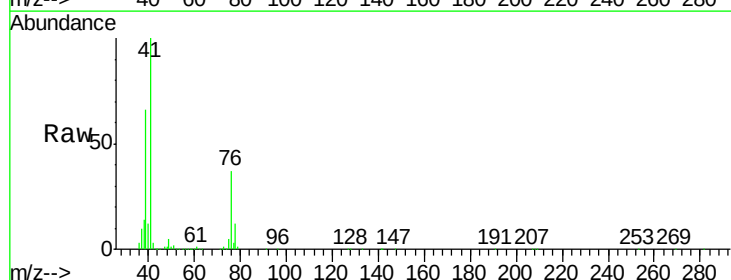
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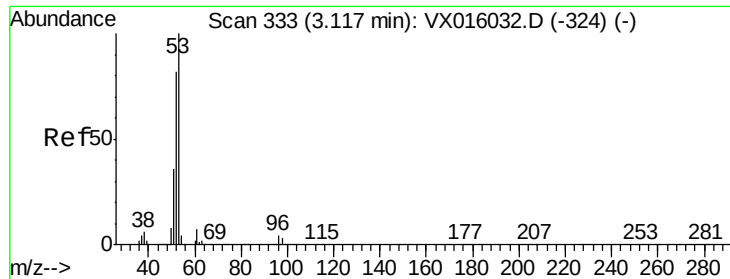
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#14
Allyl chloride
Concen: 47.697 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.6	50.5	75.7
76	34.2	26.6	40.0





#15

Acrylonitrile

Concen: 230.812 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

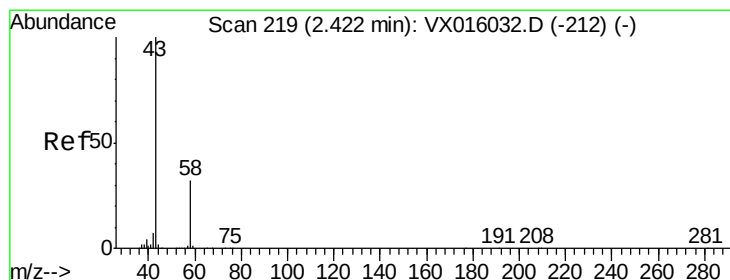
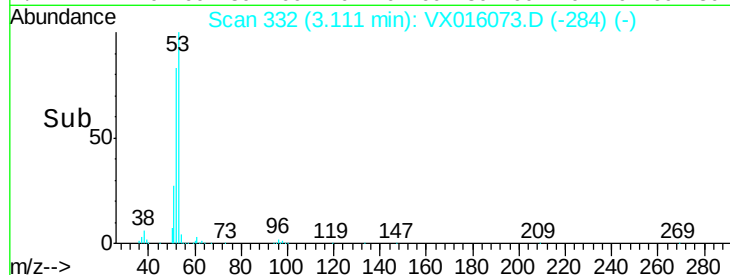
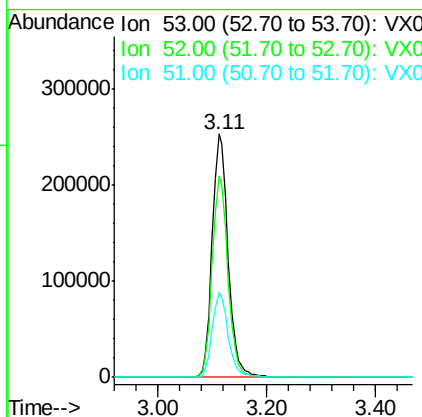
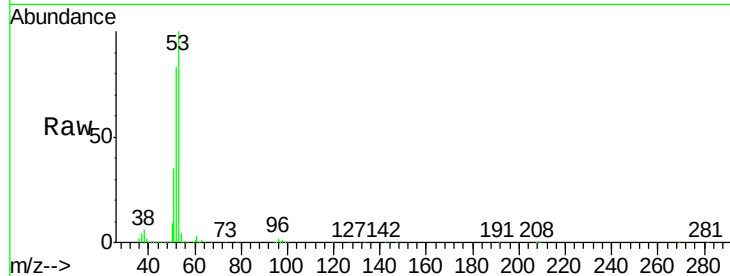
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	512349
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.1	99.1
51	35.3	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 225.141 ug/l

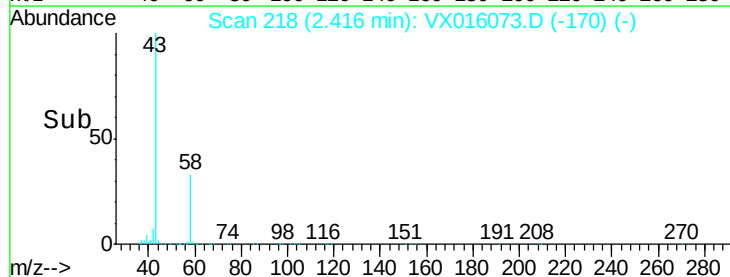
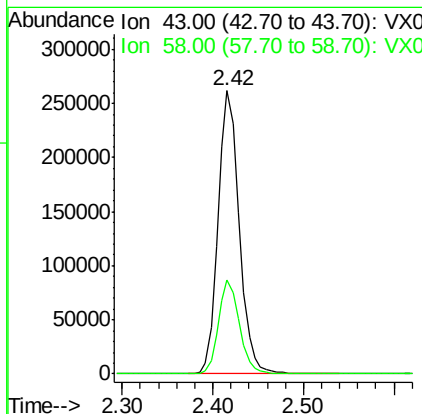
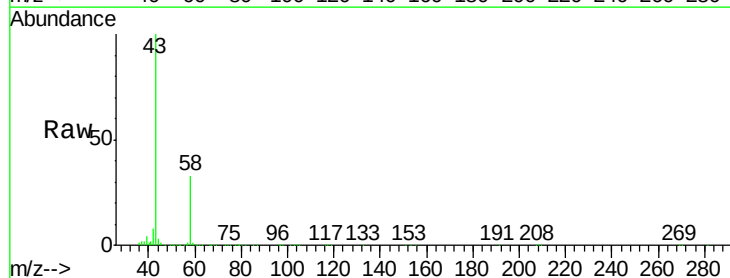
RT: 2.42 min Scan# 218

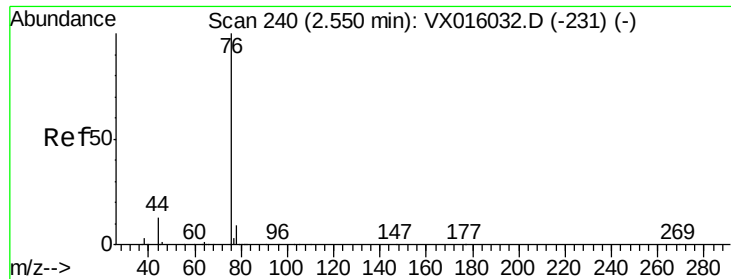
Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Tgt Ion:	43	Resp:	425072
Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.4	38.0





#17

Carbon Disulfide

Concen: 48.135 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 483266

Ion Ratio Lower Upper

76 100

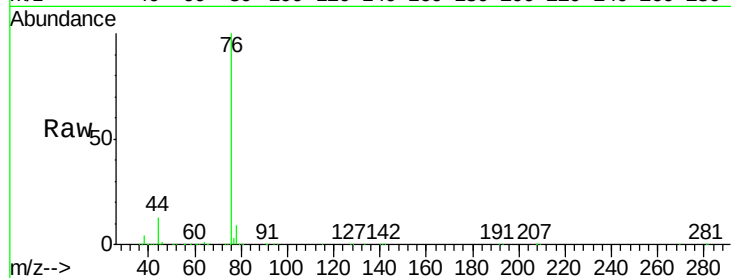
78 9.2 7.5 11.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

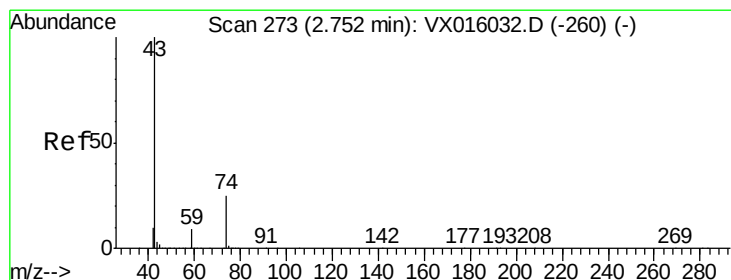
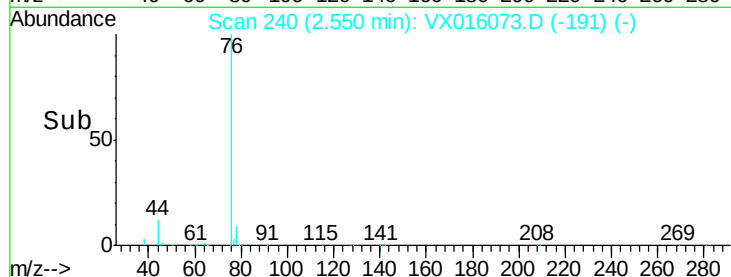
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 46.051 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016073.D

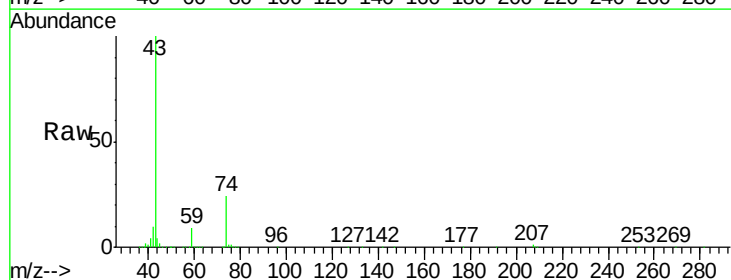
Acq: 06 May 2020 10:45

Tgt Ion: 43 Resp: 213778

Ion Ratio Lower Upper

43 100

74 24.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

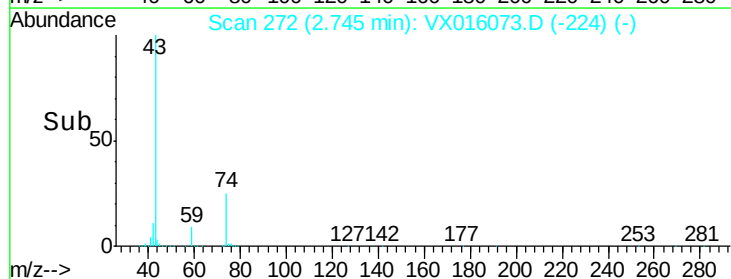
2.75

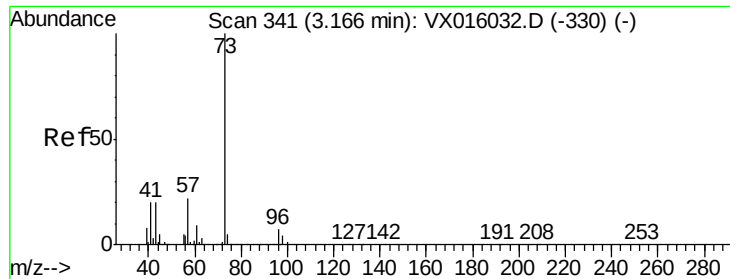
100000

50000

0

Time-->





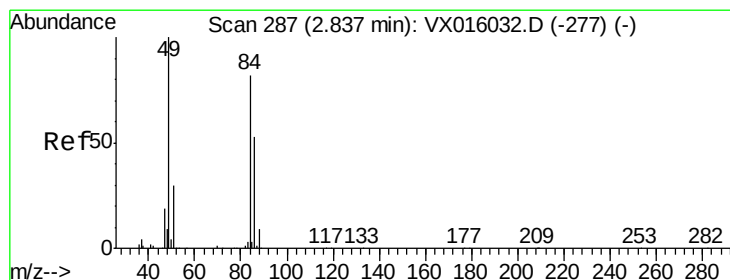
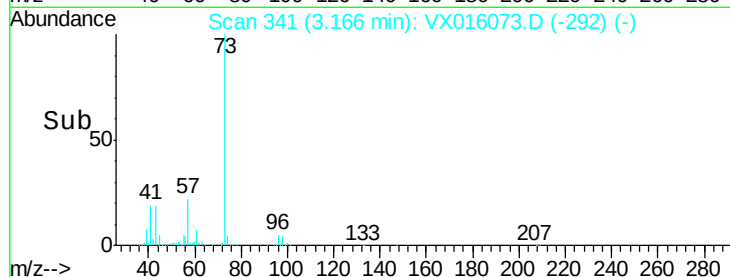
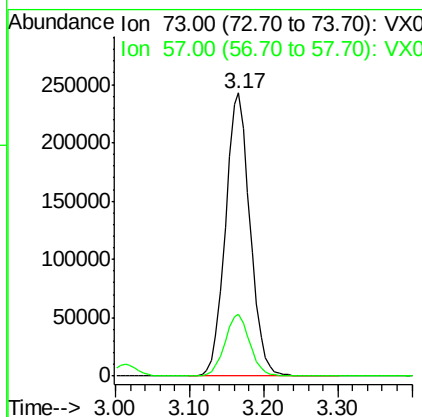
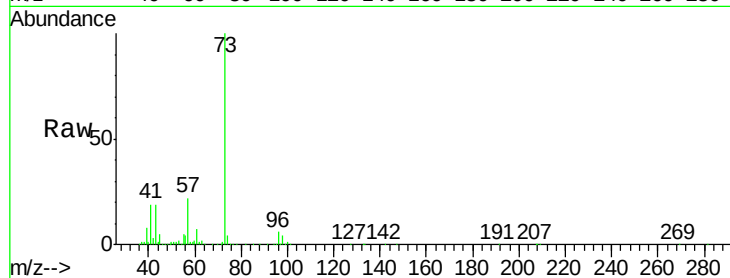
#19
Methyl tert-butyl Ether
Concen: 48.360 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.8	26.6

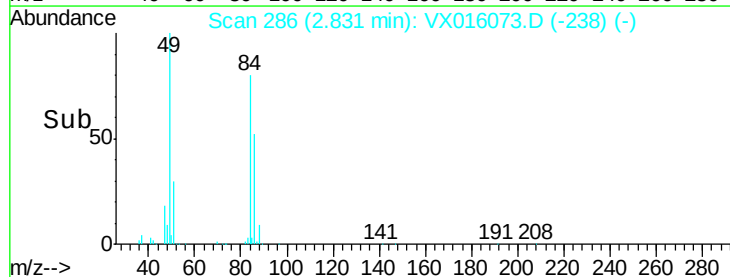
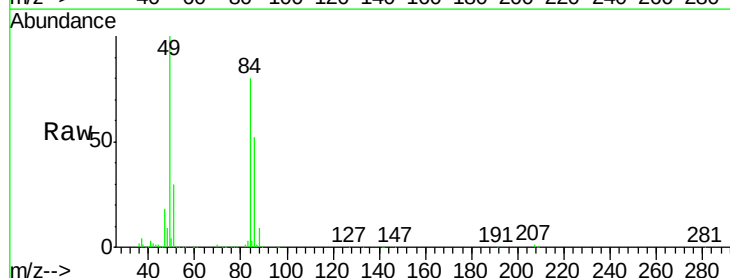
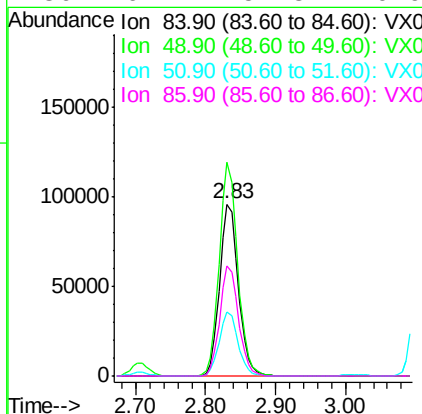
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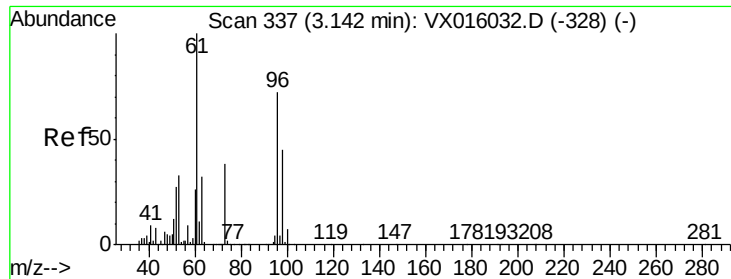
MMDadoda
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#20
Methylene Chloride
Concen: 45.839 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	97.3	145.9
51	37.2	29.3	43.9
86	64.4	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 46.824 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

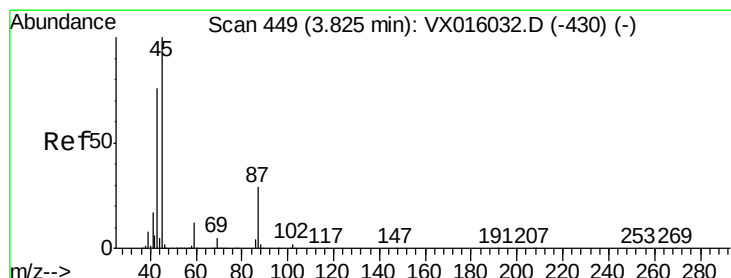
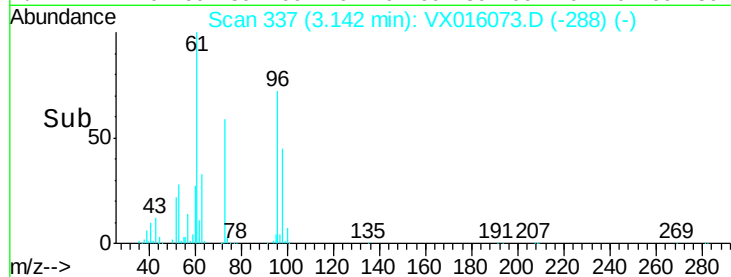
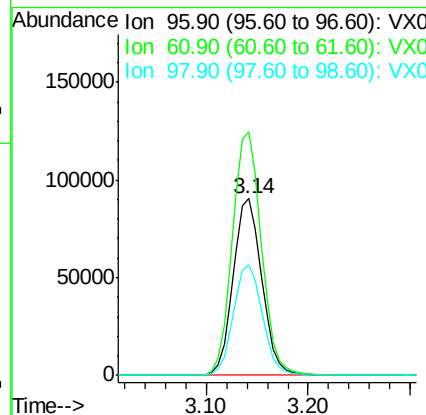
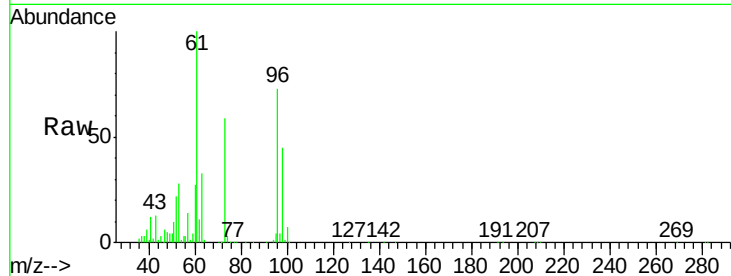
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	174418
Ion Ratio	Lower	Upper	
96	100		
61	138.0	111.2	166.8
98	62.8	50.2	75.4

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#22

Diisopropyl ether

Concen: 48.198 ug/l

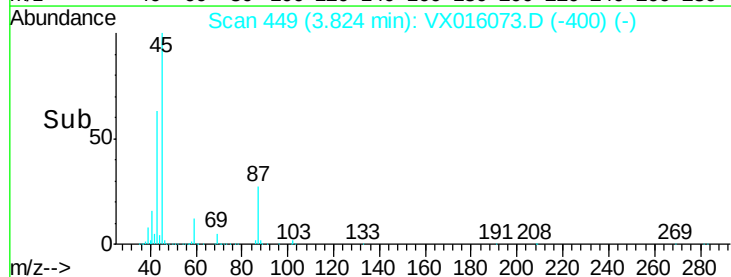
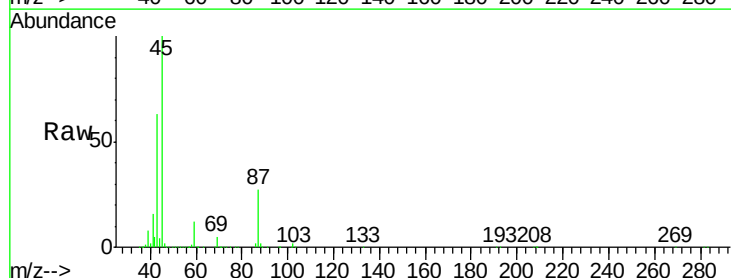
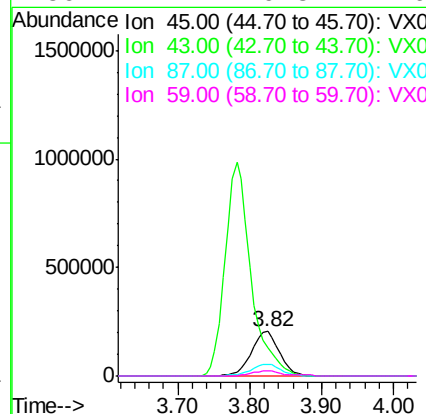
RT: 3.82 min Scan# 449

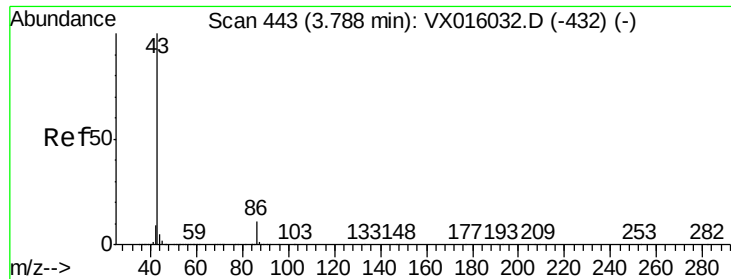
Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Tgt Ion:	45	Resp:	557299
Ion Ratio	Lower	Upper	
45	100		
43	63.3	61.1	91.7
87	27.2	23.0	34.6
59	11.7	9.8	14.6





#23

Vinyl Acetate

Concen: 243.244 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2474441

Ion Ratio Lower Upper

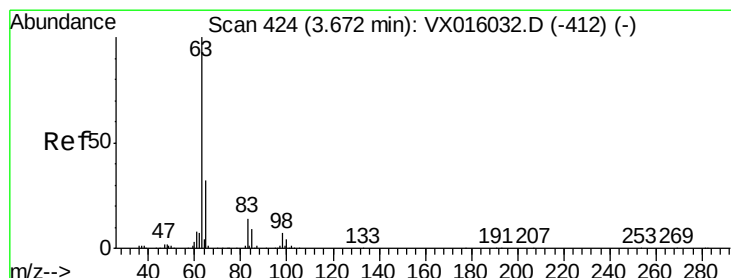
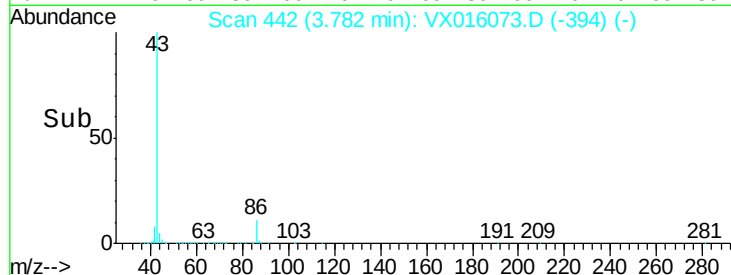
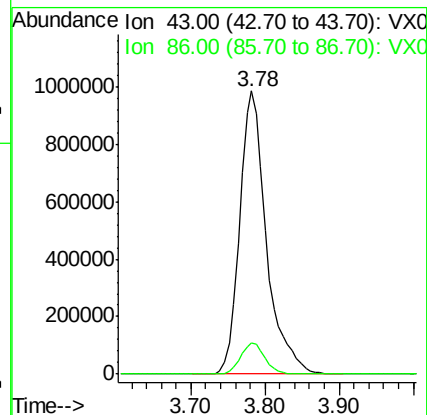
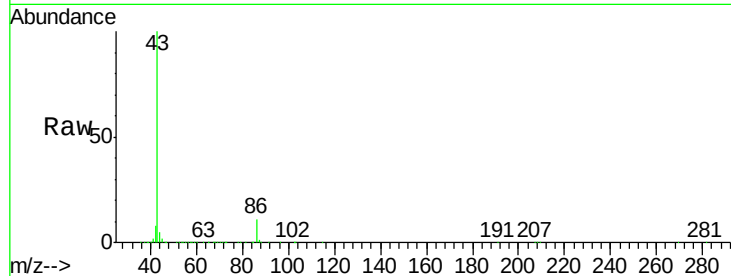
43 100

86 11.0 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 48.309 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

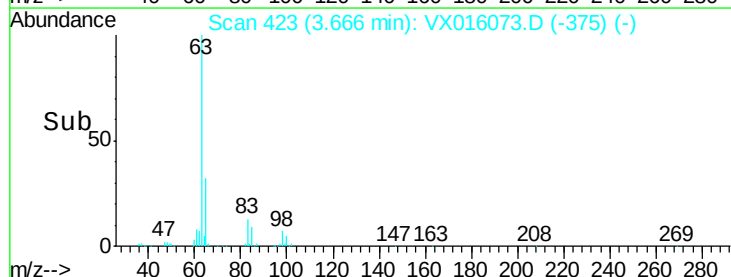
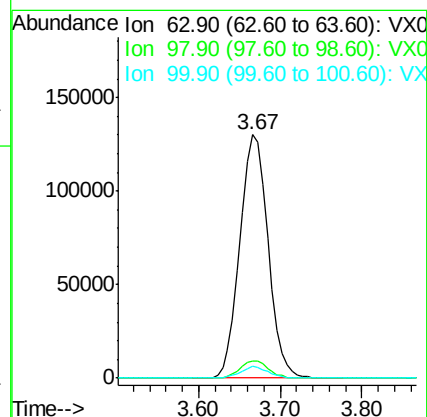
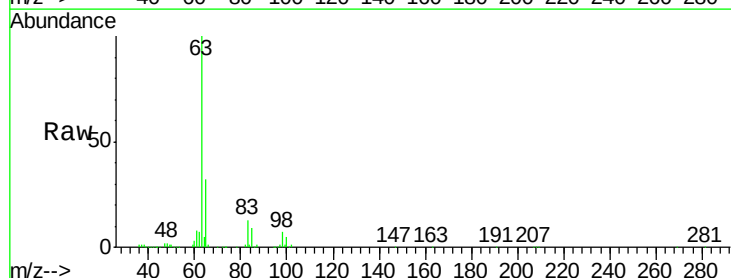
Tgt Ion: 63 Resp: 312472

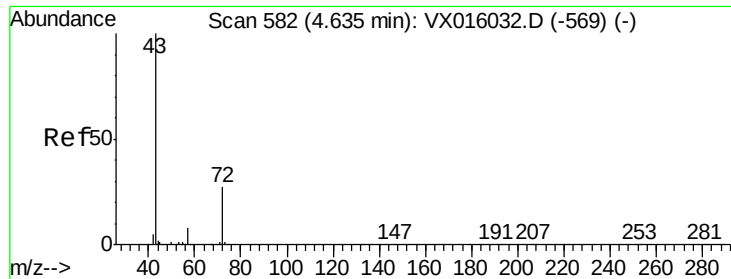
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 227.000 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 690621

Ion Ratio Lower Upper

43 100

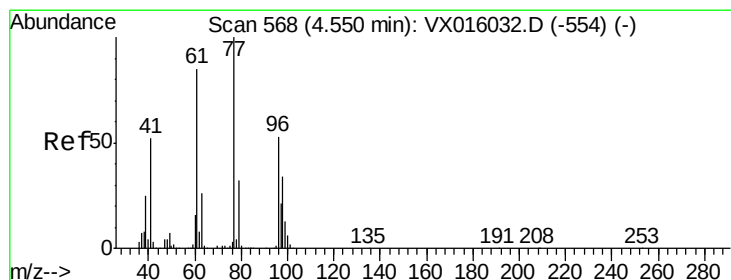
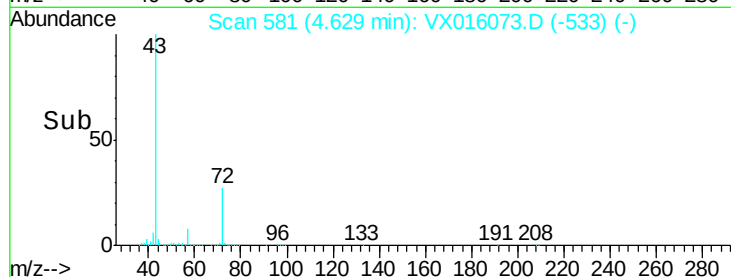
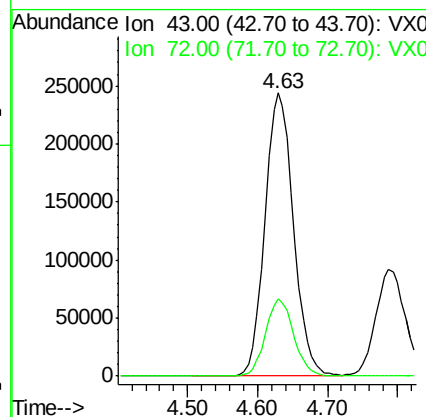
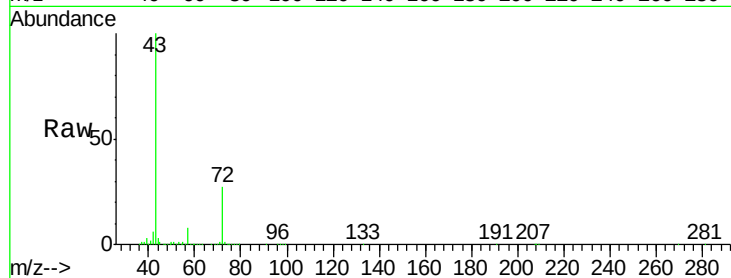
72 27.3 21.8 32.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.650 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016073.D

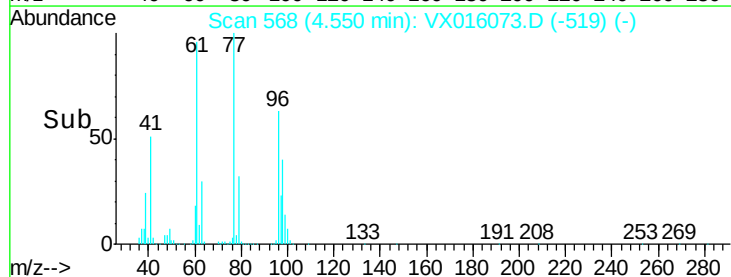
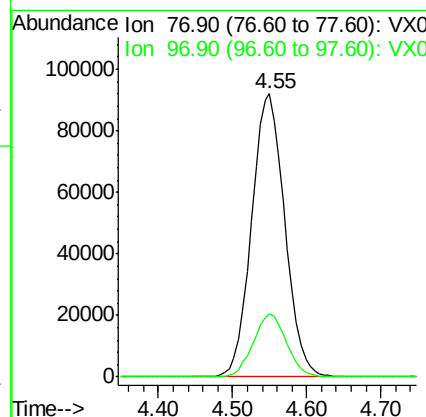
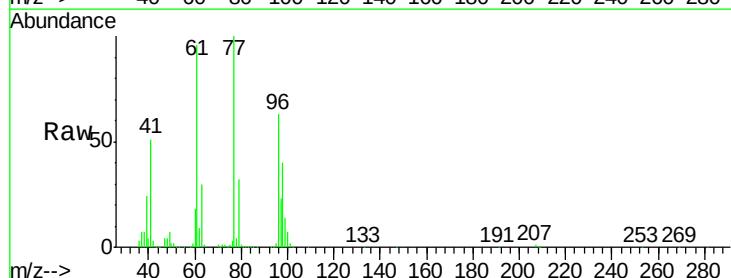
Acq: 06 May 2020 10:45

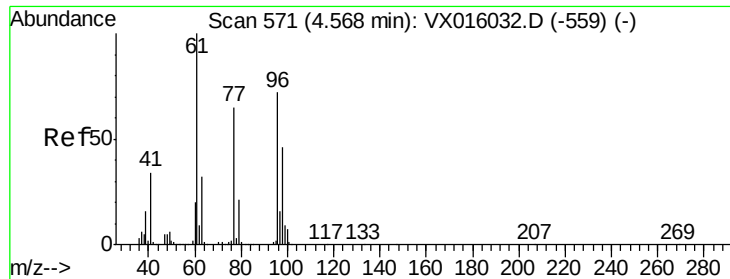
Tgt Ion: 77 Resp: 287378

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

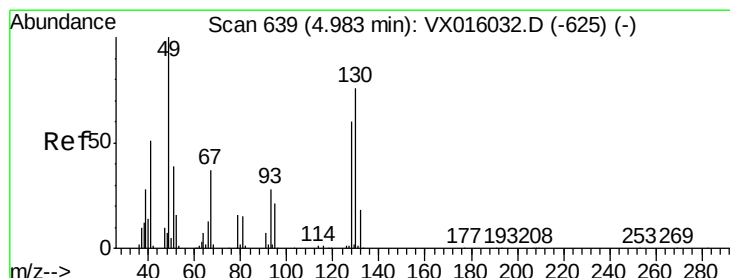
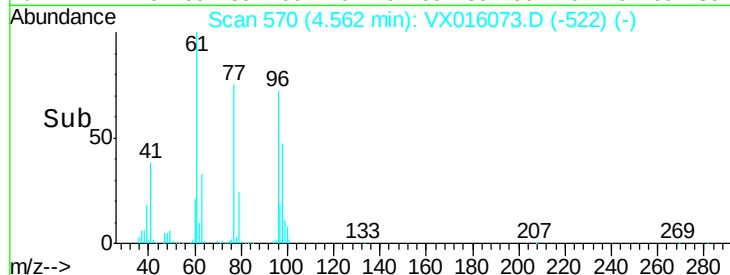
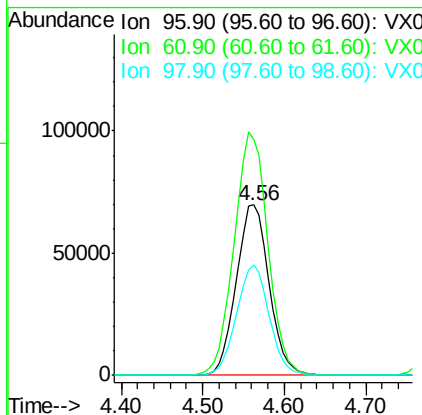
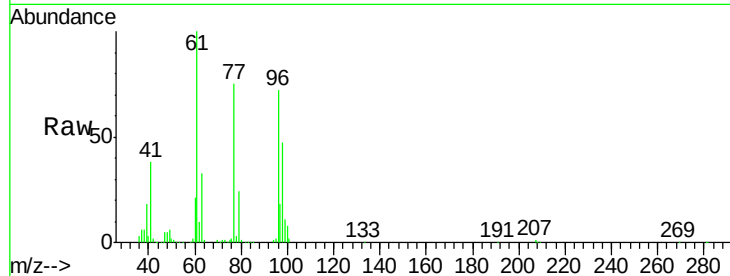
cis-1,2-Dichloroethene
Concen: 47.979 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	195384		
61	146.4	0.0	296.2	
98	64.4	0.0	129.4	

Manual Integrations
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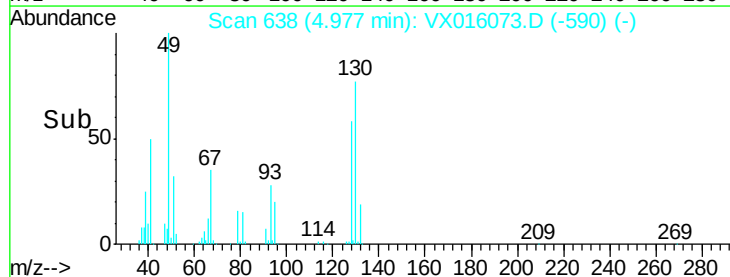
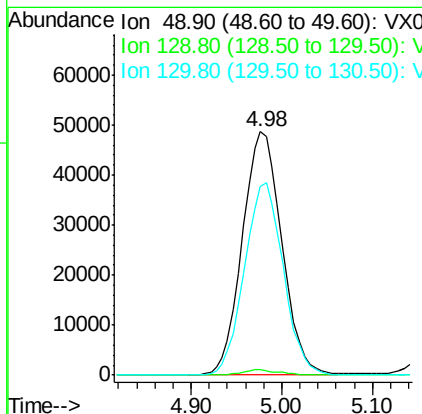
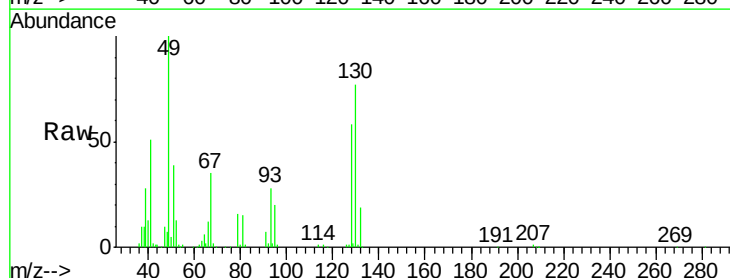
MMDadoda
5/8/2020 11:54:37 AM

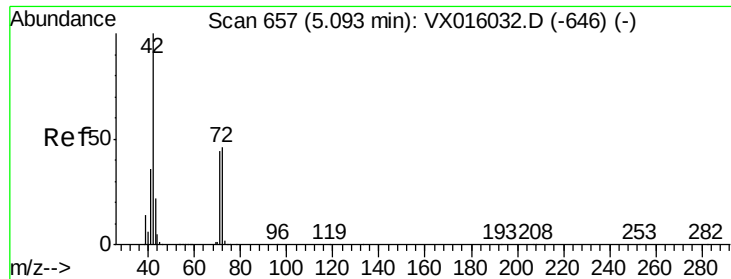


#28

Bromochloromethane
Concen: 49.830 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	146967		
129	2.0	0.0	4.0	
130	77.6	62.4	93.6	





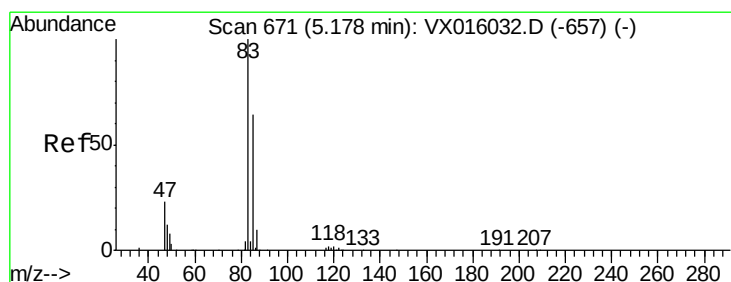
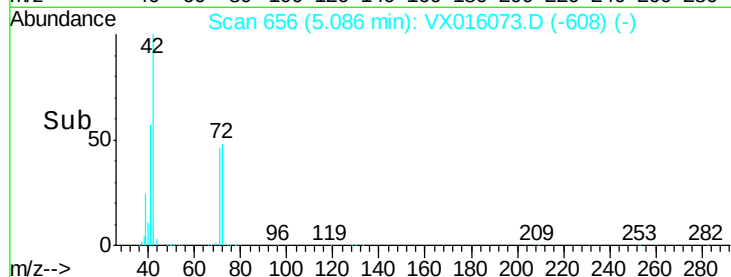
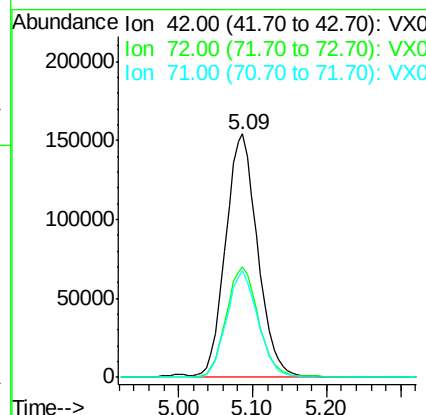
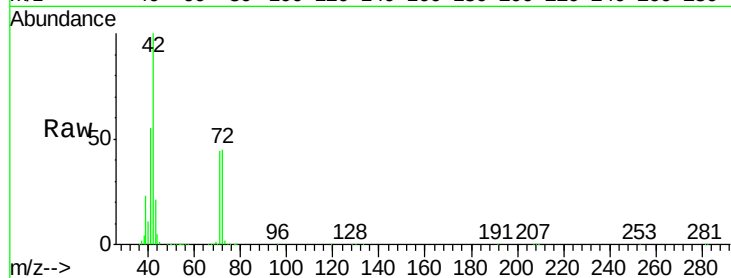
#29
Tetrahydrofuran
Concen: 228.488 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.1	55.7
71	43.2	34.5	51.7

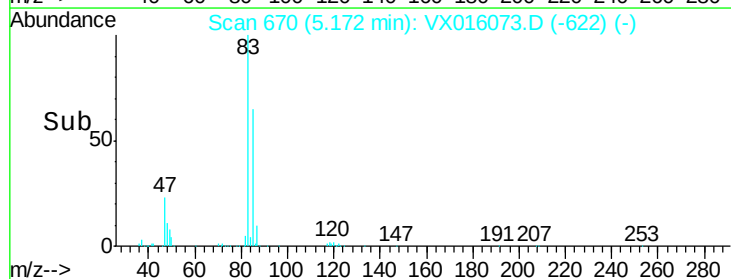
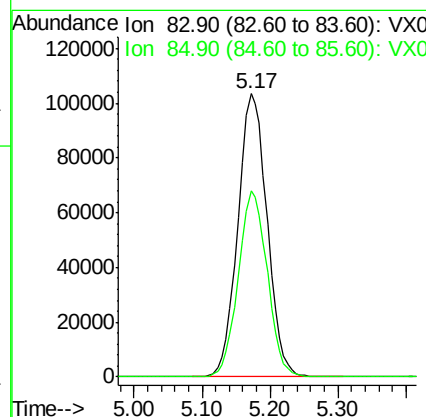
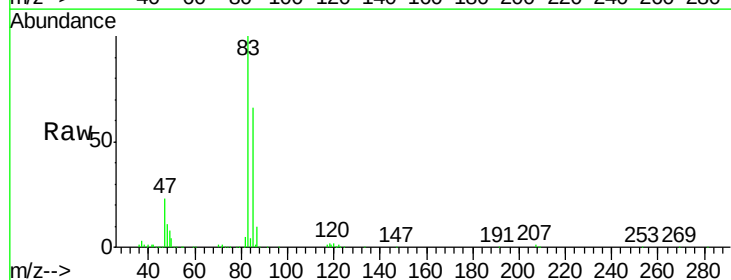
Manual Integrations
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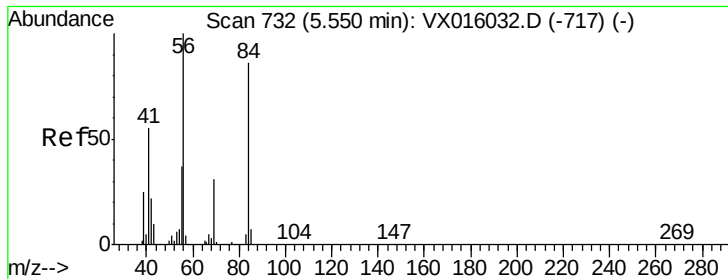
MMDadoda
5/8/2020 11:54:37 AM



#30
Chloroform
Concen: 47.926 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.6	77.4





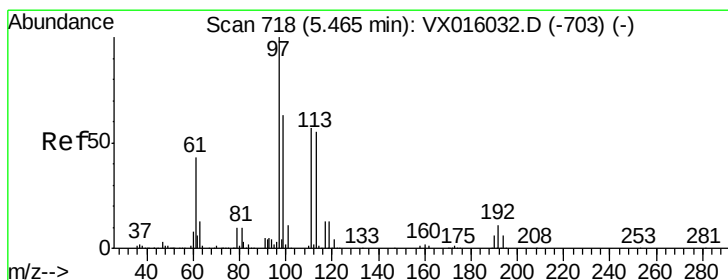
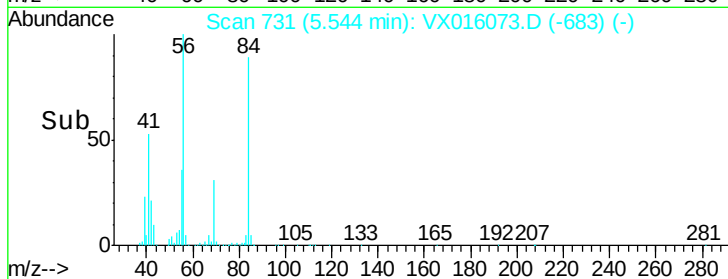
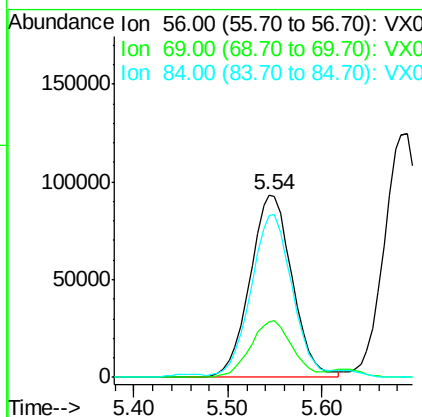
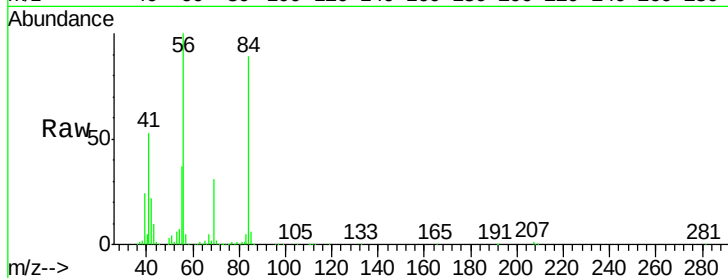
#31
Cyclohexane
Concen: 49.651 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.0	37.6
84	87.2	69.0	103.6

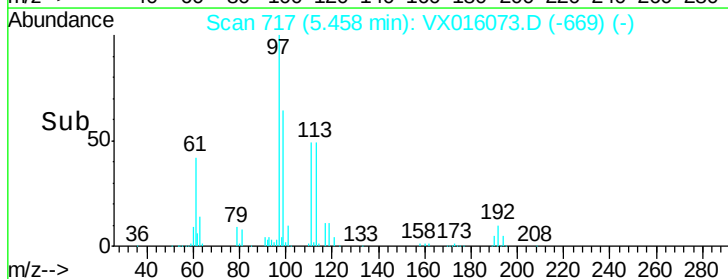
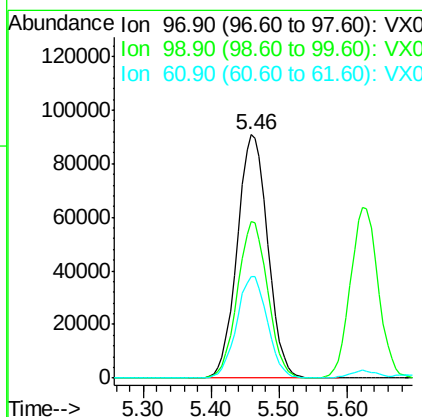
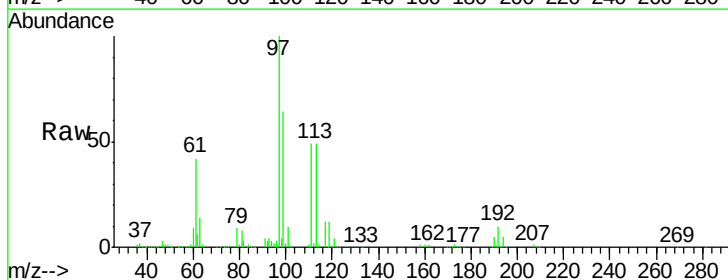
Manual Integrations
APPROVED

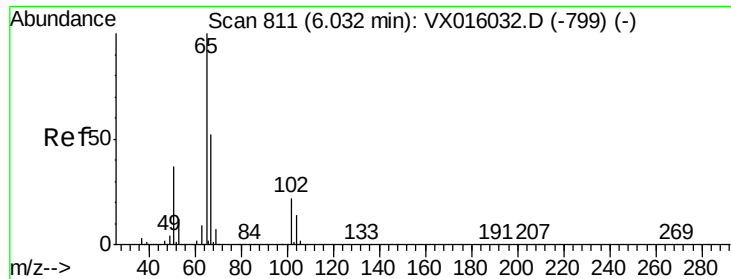
MMDadoda
5/8/2020 11:54:37 AM



#32
1,1,1-Trichloroethane
Concen: 48.426 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.0	76.4
61	42.1	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 40.170 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 169978

Ion Ratio Lower Upper

65 100

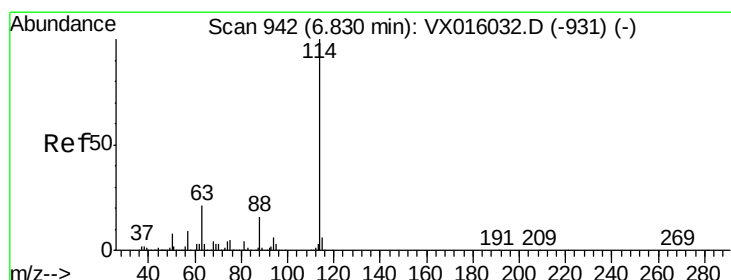
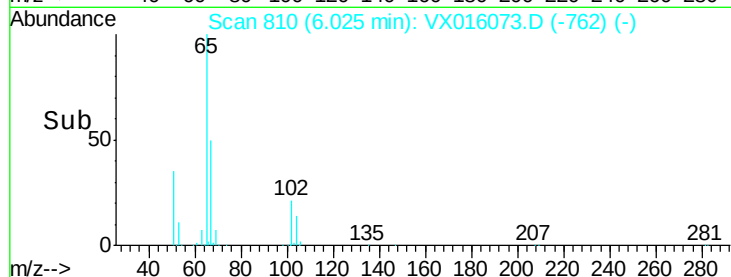
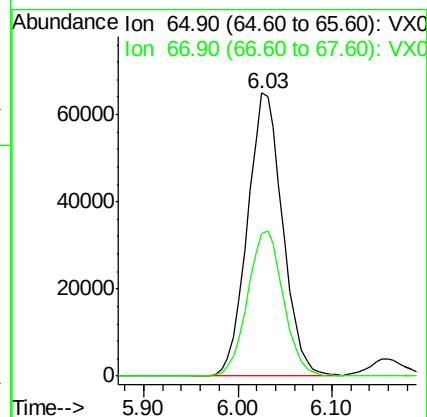
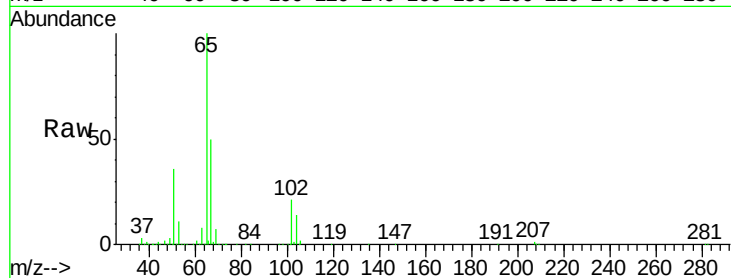
67 52.3 0.0 104.8

Manual Integrations

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5/8/2020 11:54:37 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

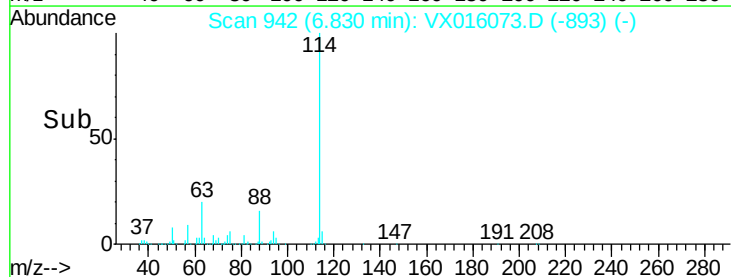
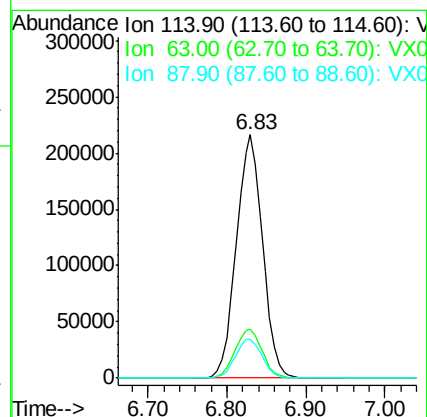
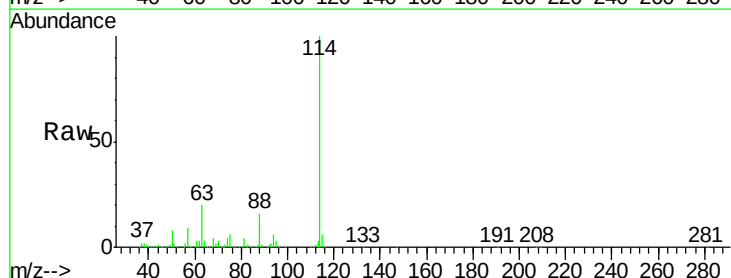
Tgt Ion: 114 Resp: 500346

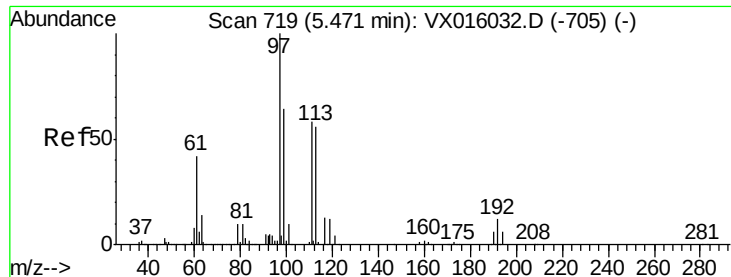
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 16.0 0.0 31.4





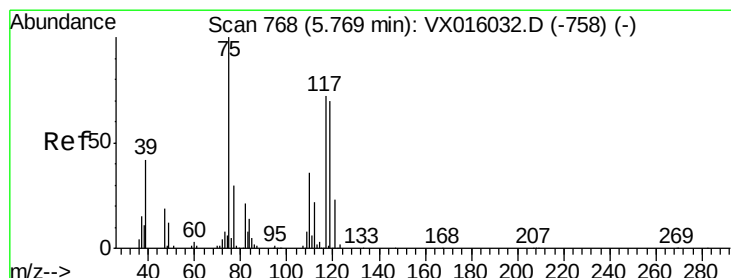
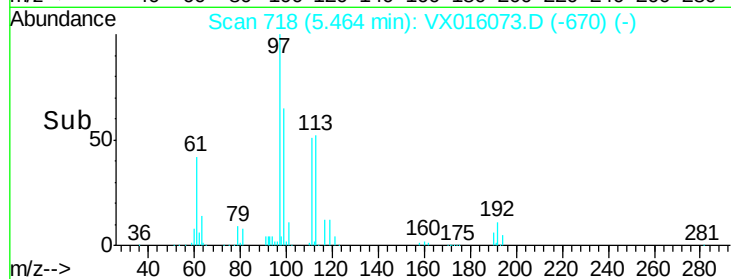
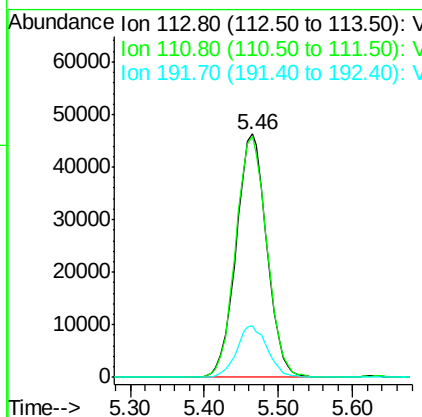
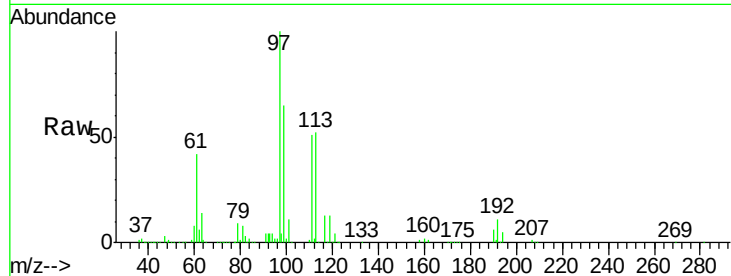
#35
Dibromofluoromethane
Concen: 42.144 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	133594		
111	100.5	81.6	122.4	
192	21.2	17.0	25.4	

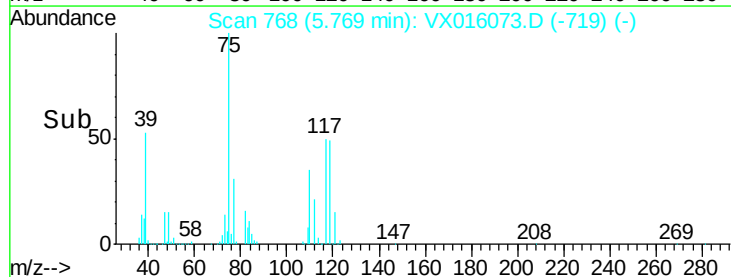
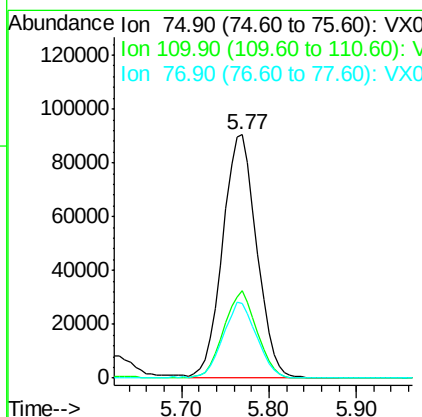
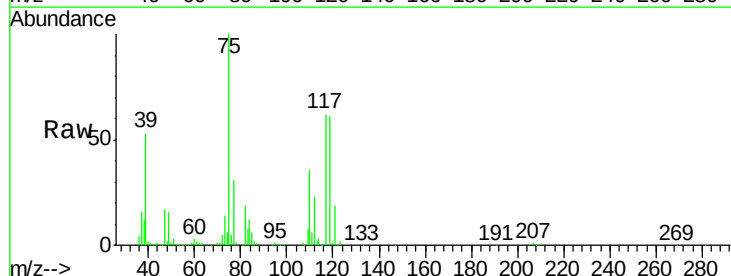
Manual Integrations
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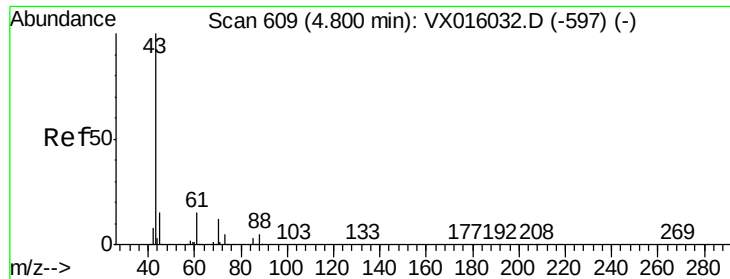
MMDadoda
5/8/2020 11:54:37 AM



#36
1,1-Dichloropropene
Concen: 49.497 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	243782		
110	35.0	18.1	54.1	
77	30.8	25.0	37.6	





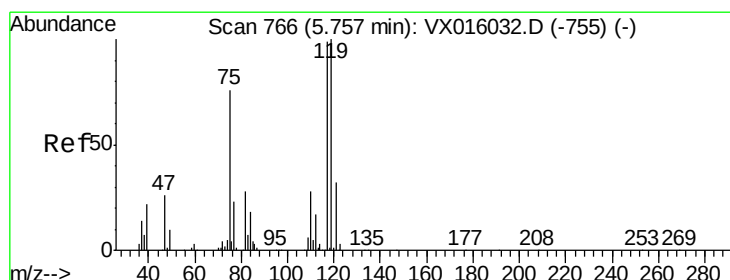
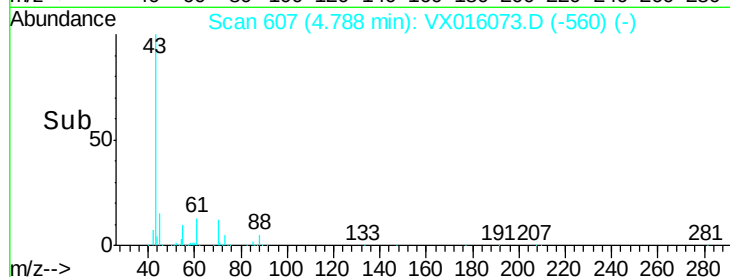
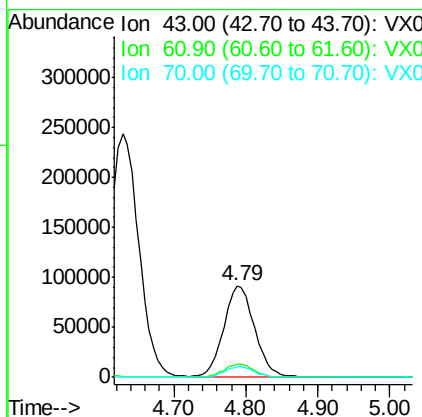
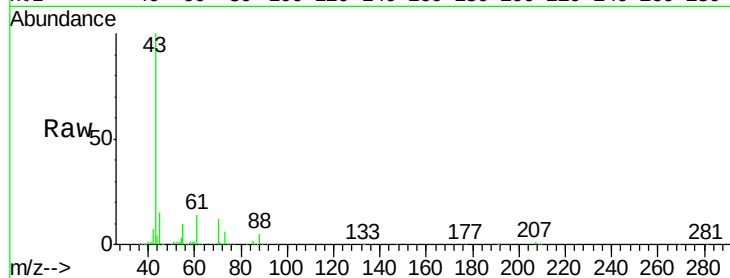
#37
Ethyl Acetate
Concen: 47.687 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.7	17.5
70	11.7	9.3	13.9

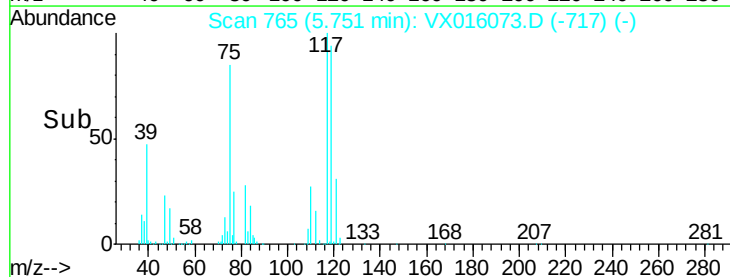
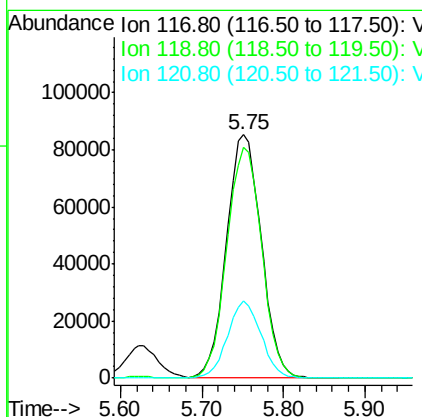
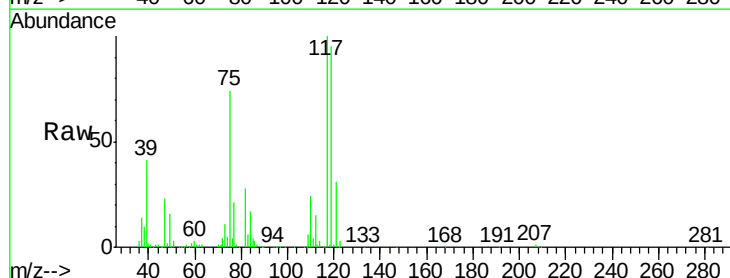
Manual Integrations
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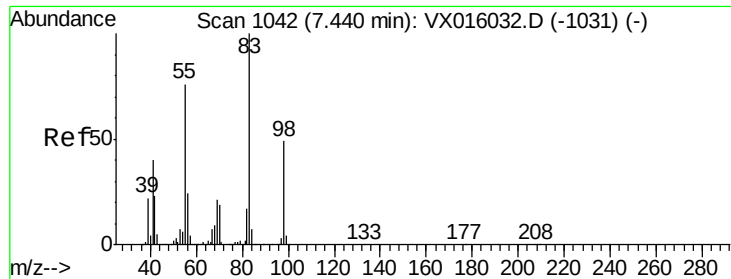
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#38
Carbon Tetrachloride
Concen: 50.220 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	80.3	120.5
121	31.5	25.7	38.5





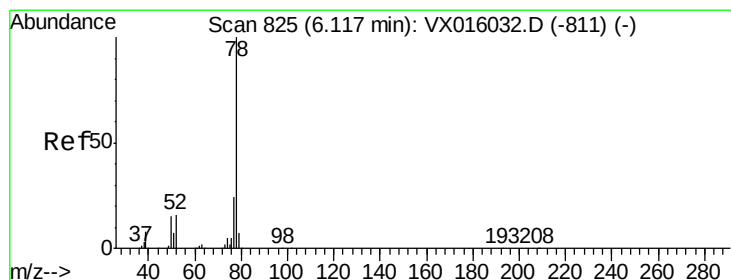
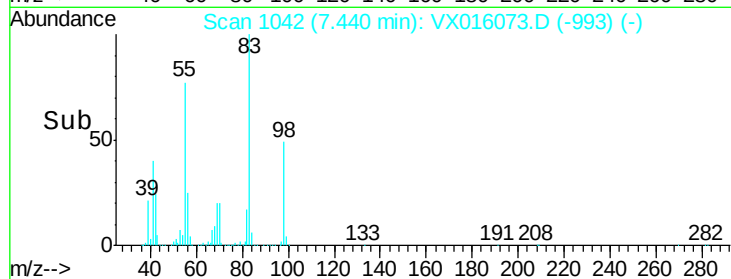
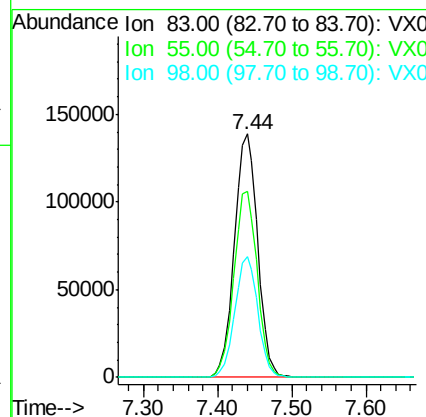
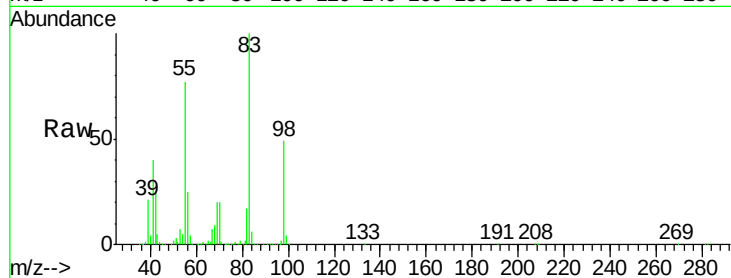
#39
Methylvlcyclohexane
Concen: 51.310 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.1	91.7
98	49.5	39.0	58.4

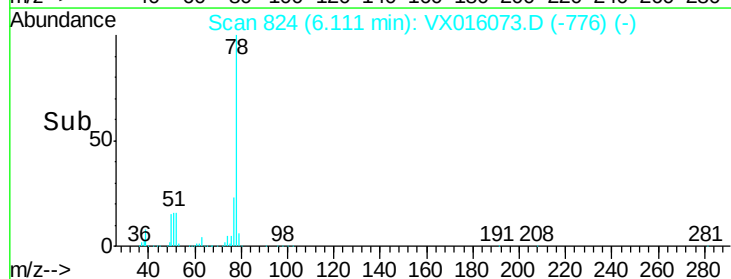
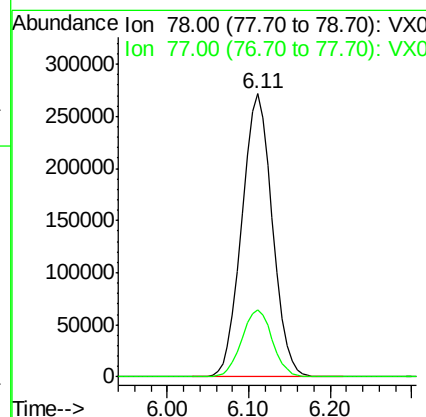
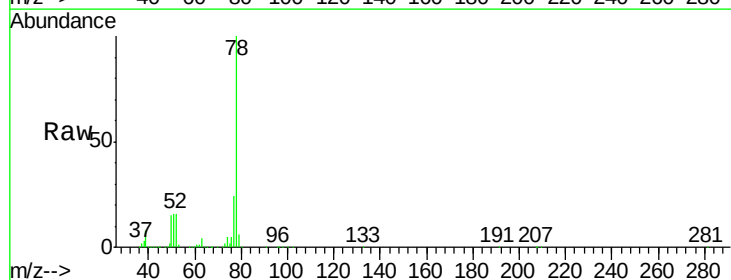
Manual Integrations
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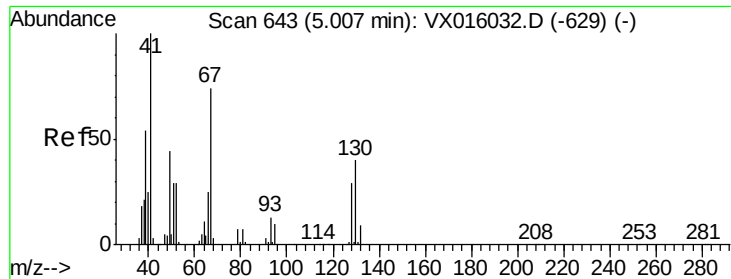
MMDadoda
5/8/2020 11:54:37 AM



#40
Benzene
Concen: 48.916 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





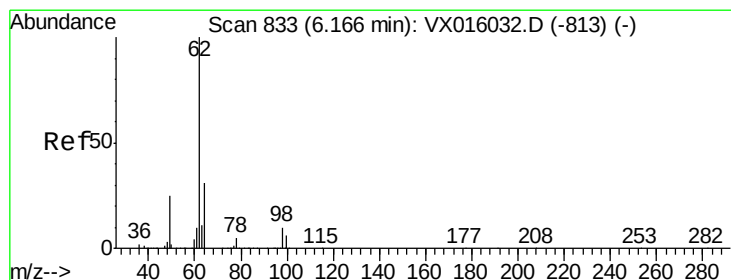
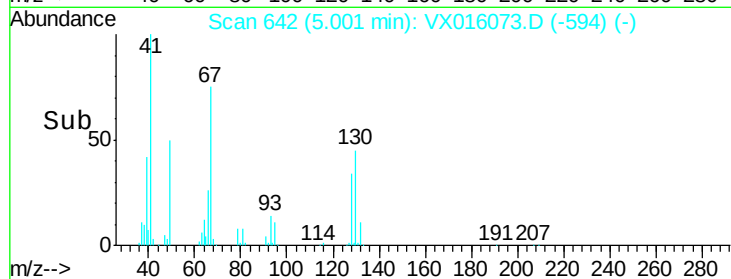
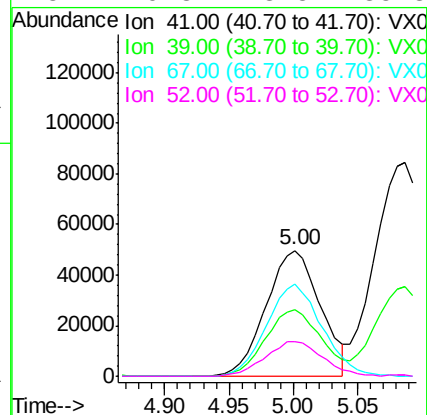
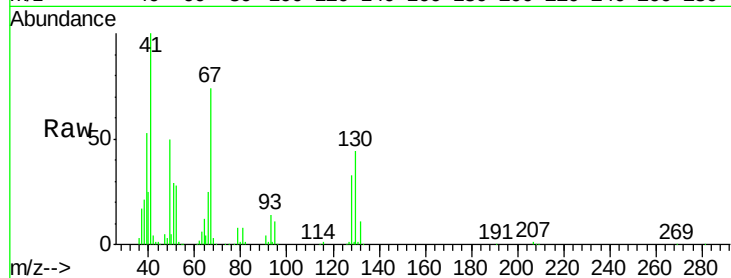
#41
Methacrylonitrile
Concen: 47.131 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		145297		
39	55.5	43.2	64.8		
67	75.1	59.3	88.9		
52	29.8	23.5	35.3		

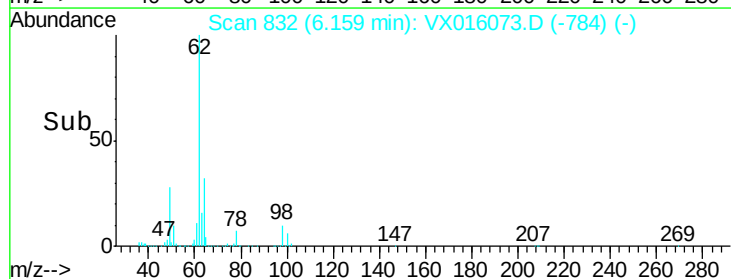
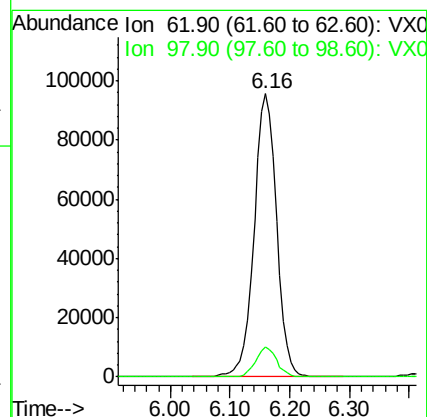
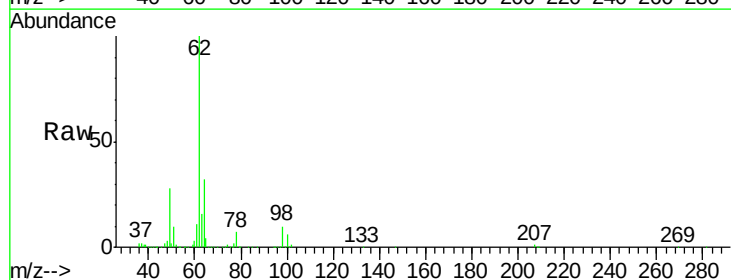
Manual Integrations
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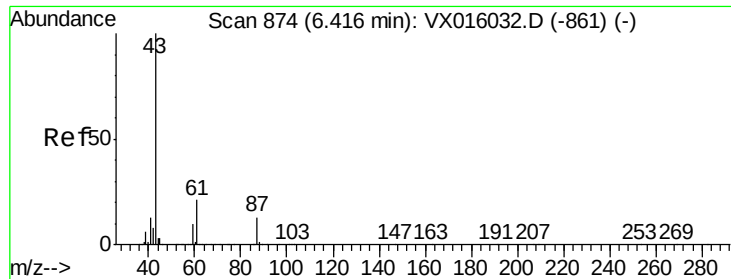
MMDadoda
5/8/2020 11:54:37 AM



#42
1,2-Dichloroethane
Concen: 48.249 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		250475		
98	9.9	0.0	19.4		





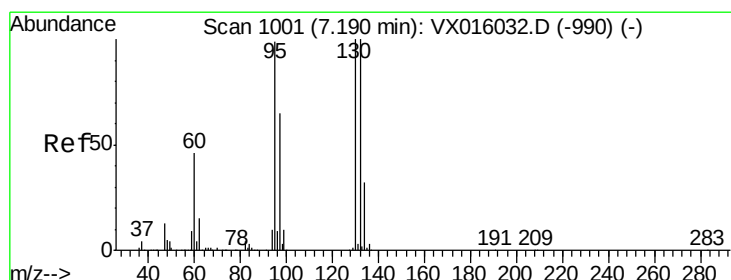
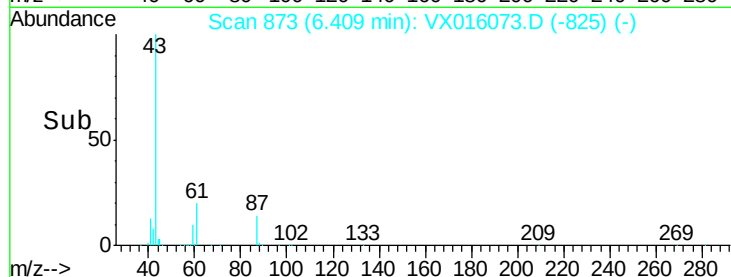
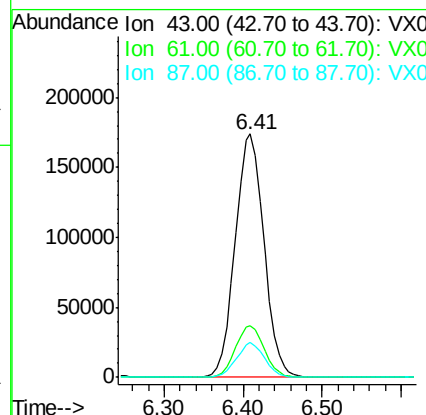
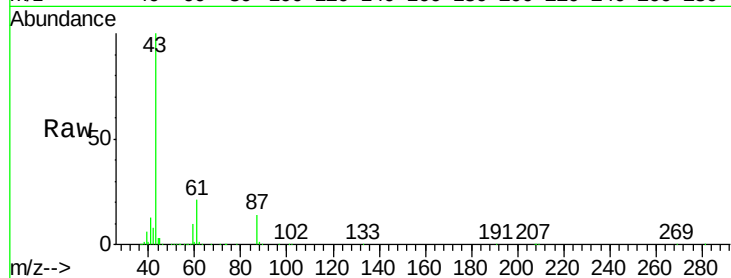
#43
Isopropyl Acetate
Concen: 48.112 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.0	25.4
87	14.1	11.0	16.6

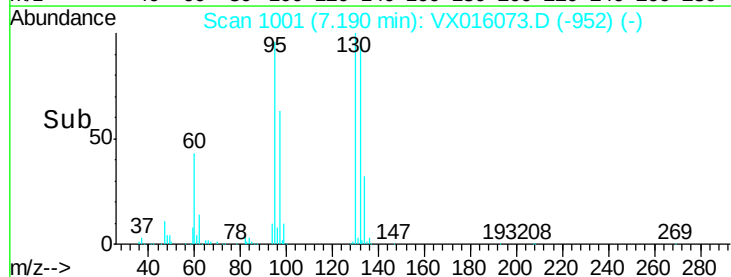
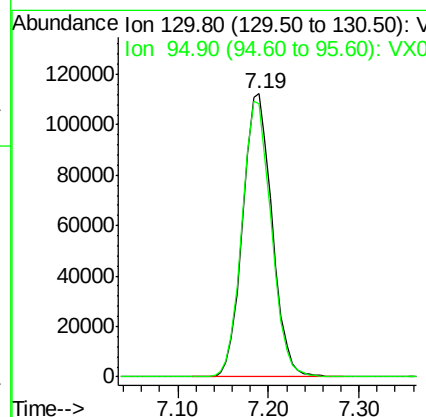
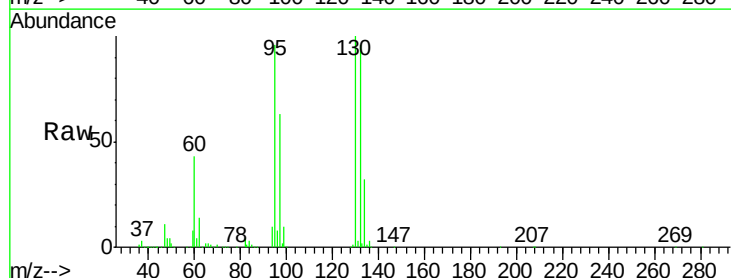
Manual Integrations
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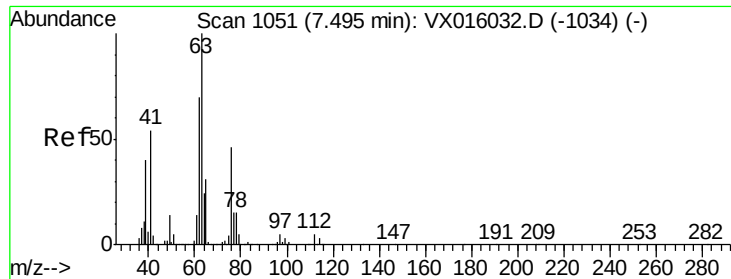
MMDadoda
5/8/2020 11:54:37 AM



#44
Trichloroethene
Concen: 49.168 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	197.4





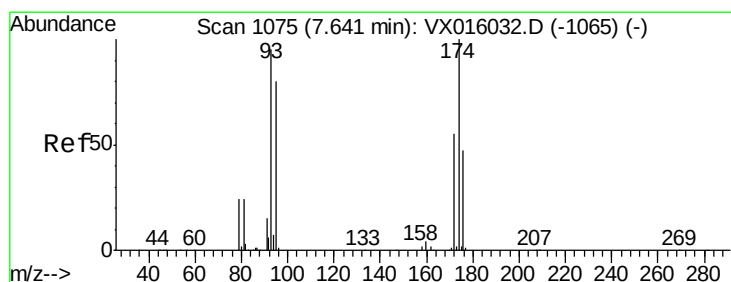
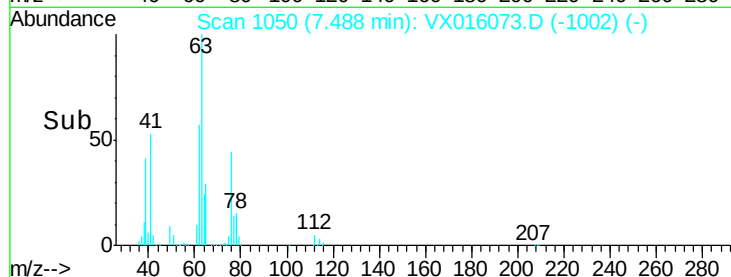
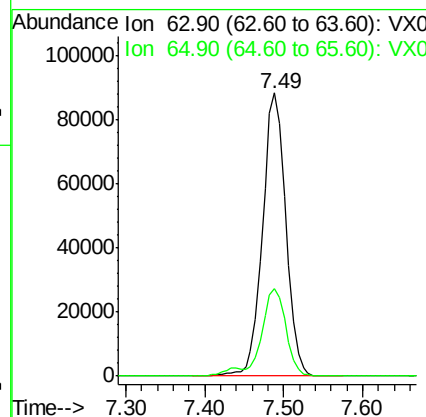
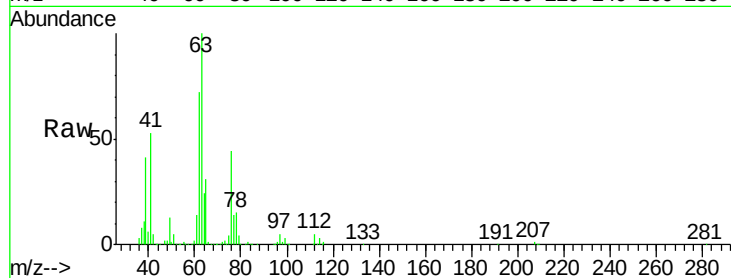
#45
 1,2-Dichloropropane
 Concen: 49.917 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
63	100	182021		
65	30.7		24.4	36.6

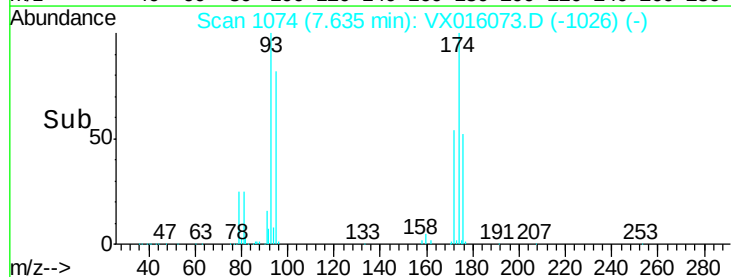
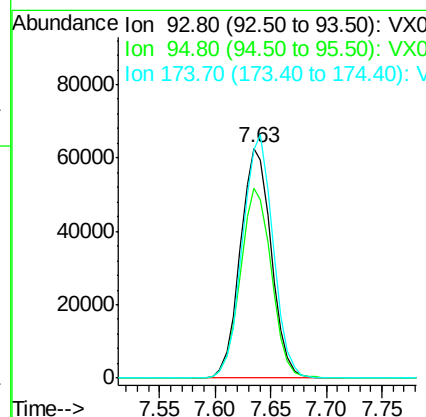
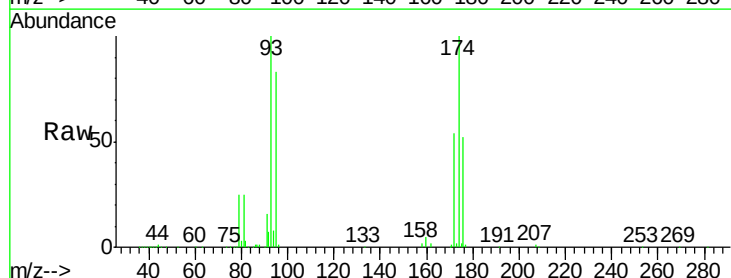
Manual Integrations
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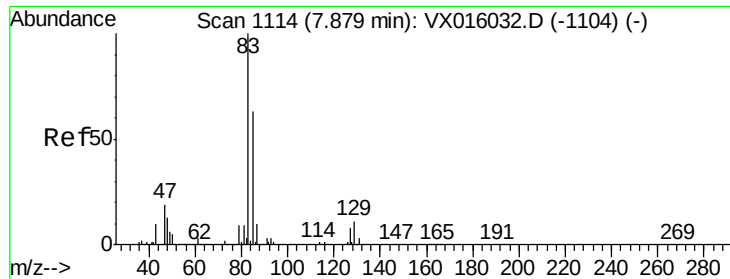
MMDadoda
 5/8/2020 11:54:37 AM



#46
 Dibromomethane
 Concen: 48.618 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	120477		
95	83.2		66.6	100.0
174	105.2		84.2	126.4





#47

Bromodichloromethane

Concen: 50.033 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

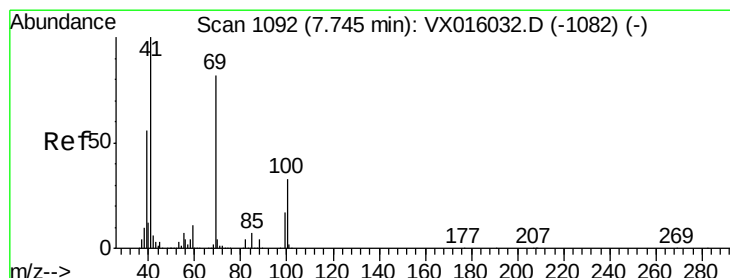
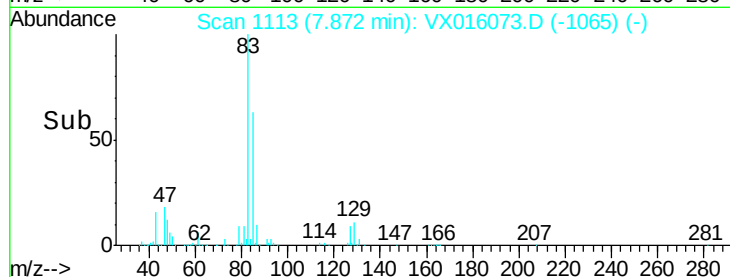
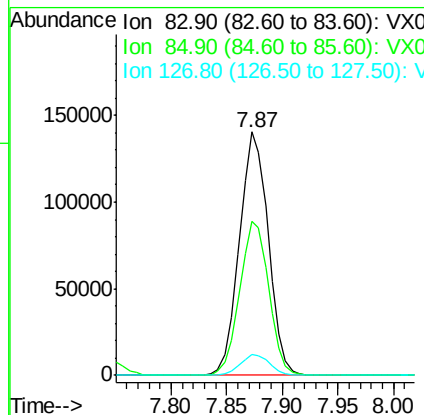
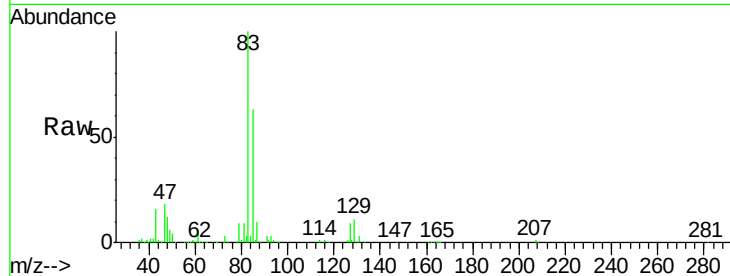
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	252509
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.5	75.7
127	8.6	6.7	10.1

Manual Integrations
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MMDadoda
5/8/2020 11:54:37 AM



#48

Methyl methacrylate

Concen: 48.149 ug/l

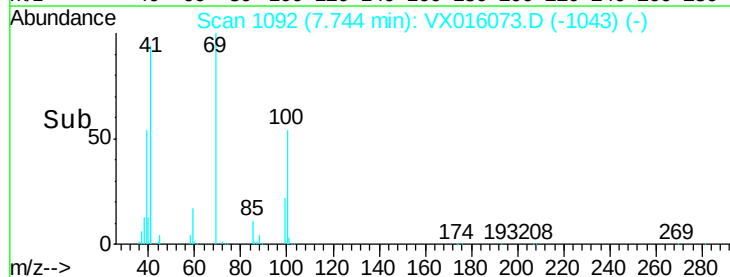
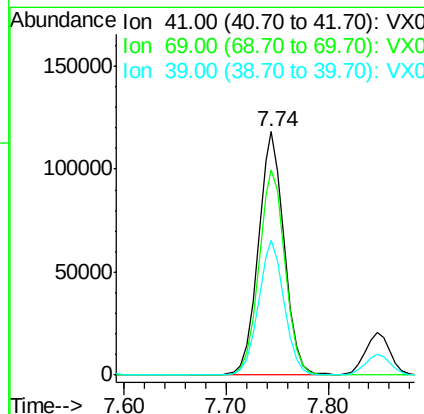
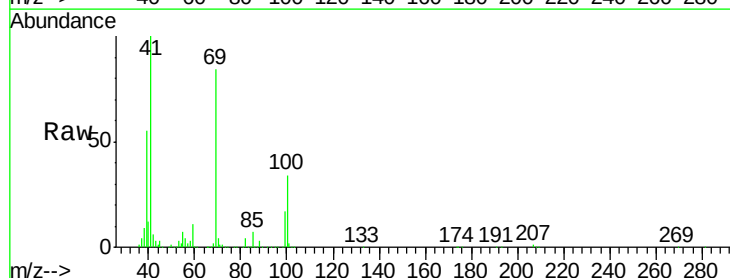
RT: 7.74 min Scan# 1092

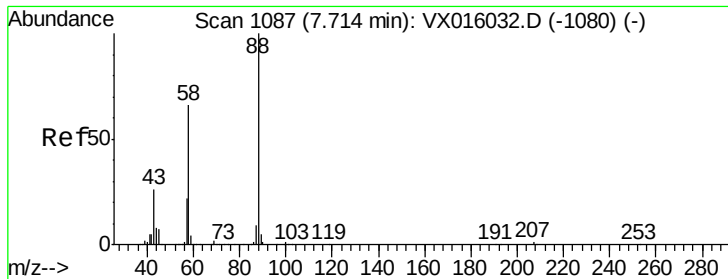
Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Tgt Ion:	41	Resp:	207802
Ion	Ratio	Lower	Upper
41	100		
69	85.8	67.8	101.6
39	54.9	44.6	67.0





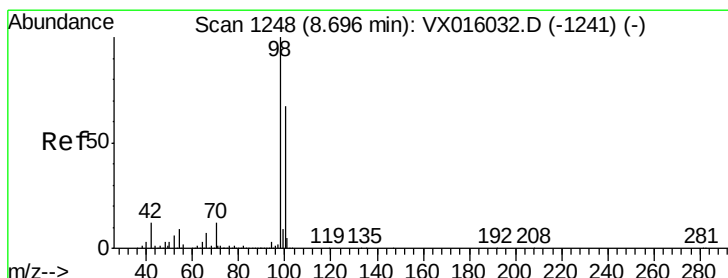
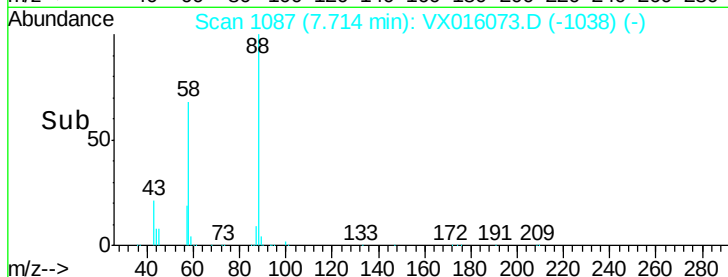
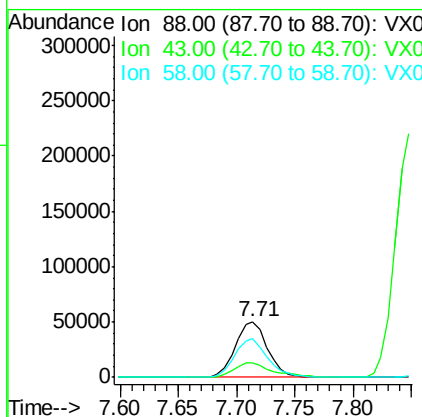
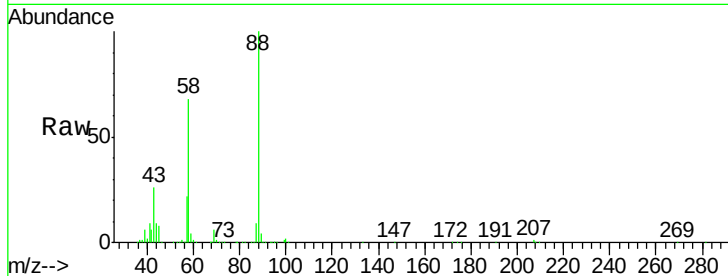
#49
1,4-Dioxane
Concen: 925.090 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	25.3	37.9
58	71.6	55.9	83.9

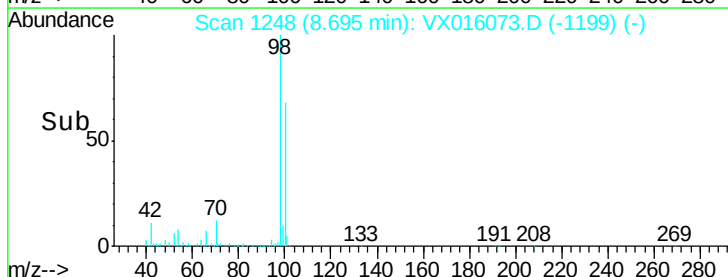
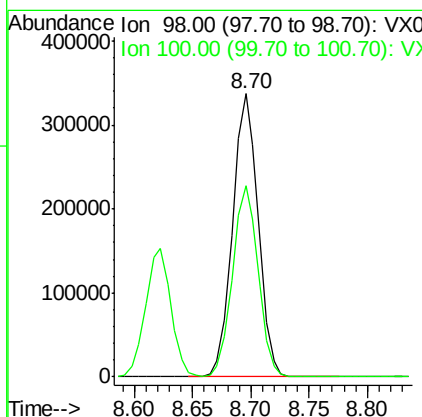
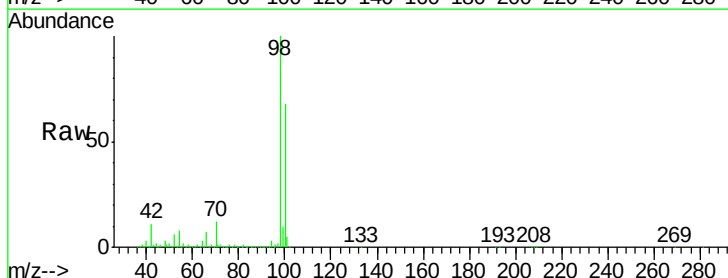
Manual Integrations
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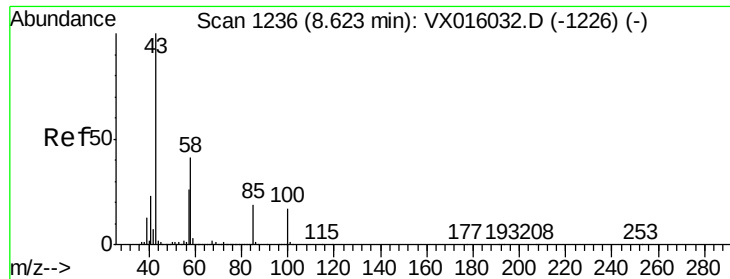
MMDadoda
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#50
Toluene-d8
Concen: 42.193 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.7	80.5





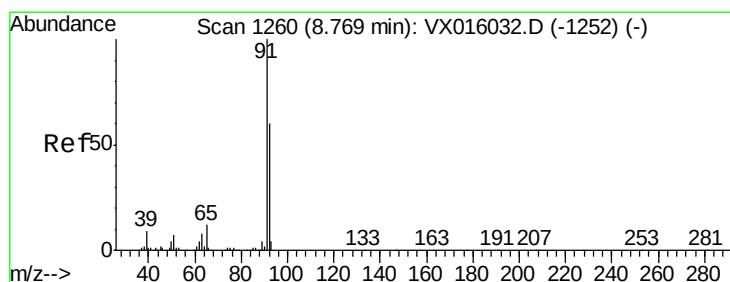
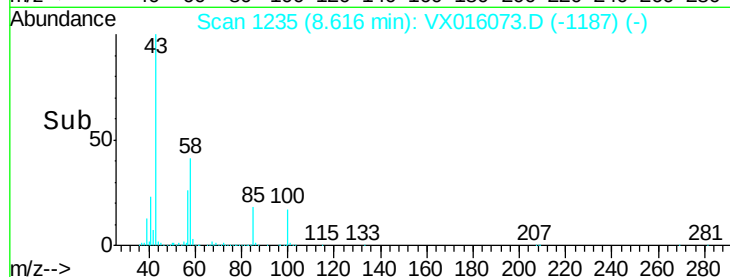
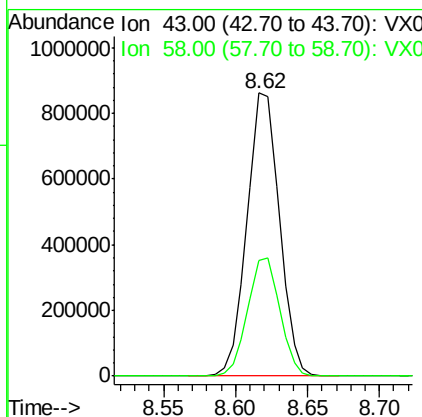
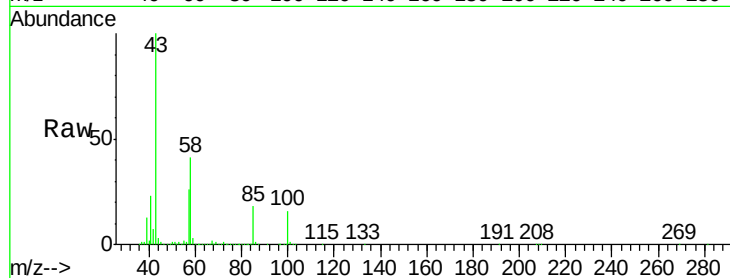
#51
4-Methyl-2-Pentanone
Concen: 241.144 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1344035
Ion Ratio Lower Upper
43 100
58 41.7 33.0 49.4

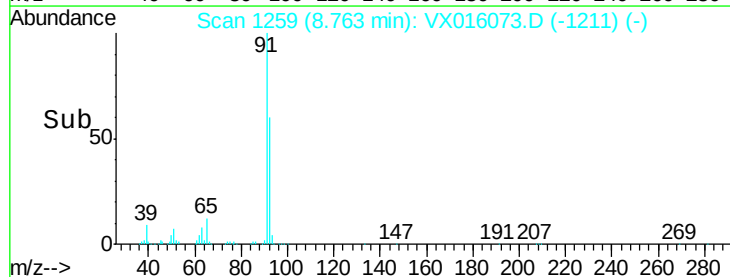
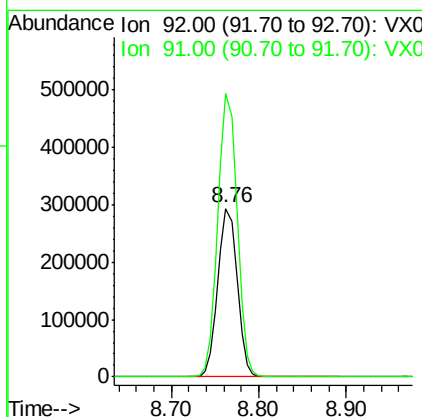
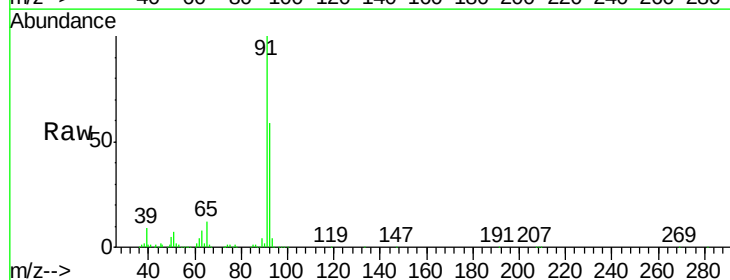
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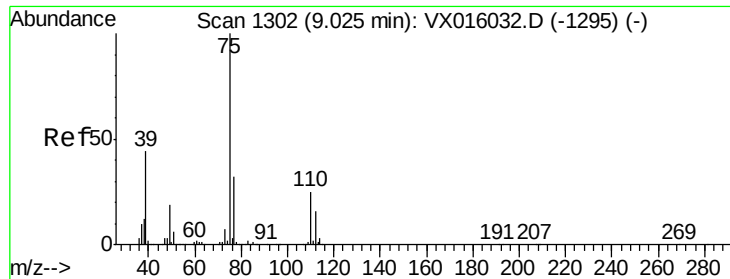
MMDadoda
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#52
Toluene
Concen: 50.177 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion: 92 Resp: 450717
Ion Ratio Lower Upper
92 100
91 167.8 134.5 201.7





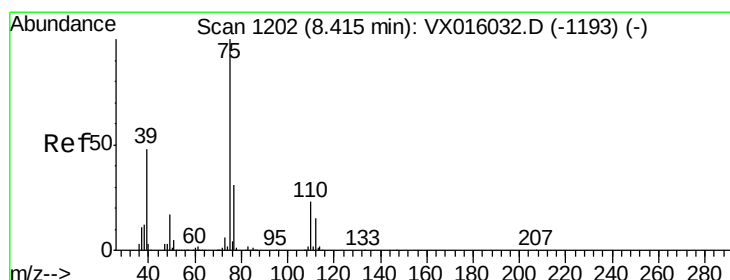
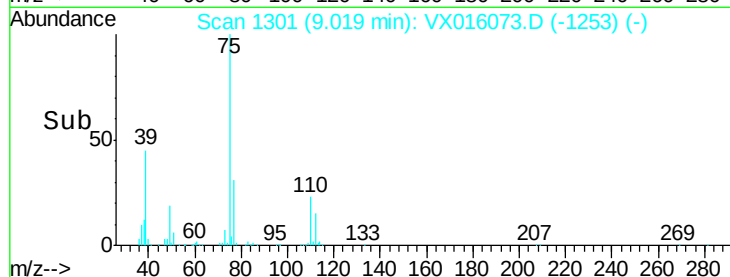
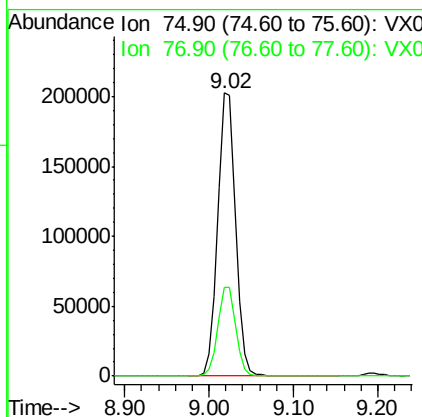
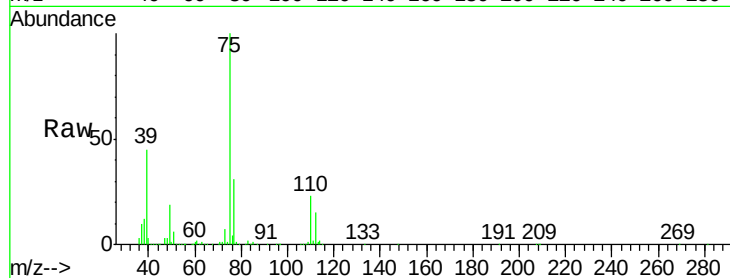
#53
t-1,3-Dichloropropene
Concen: 49.863 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 300044
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5

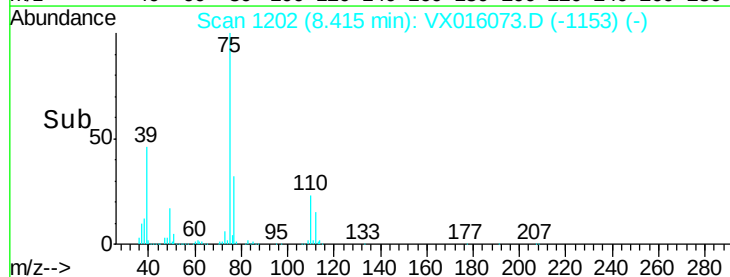
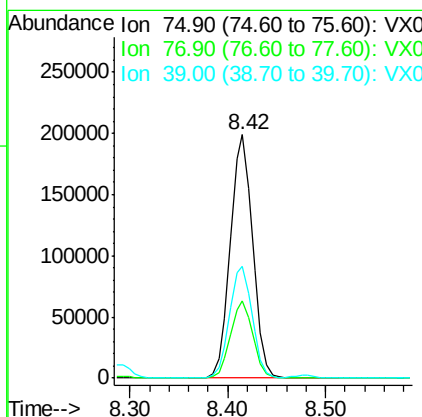
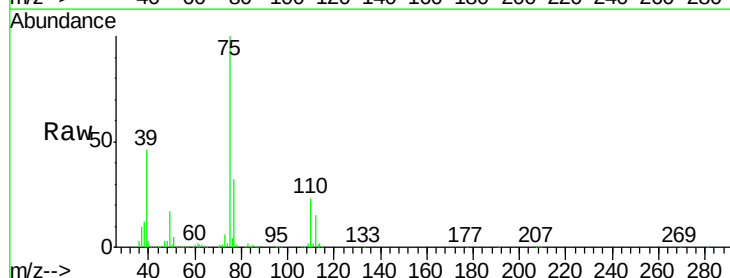
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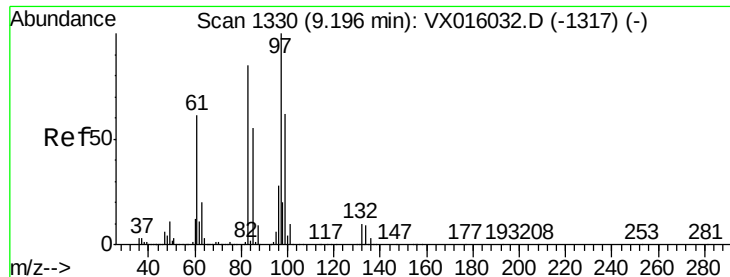
MMDadoda
5/8/2020 11:54:37 AM



#54
cis-1,3-Dichloropropene
Concen: 50.062 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion: 75 Resp: 314655
Ion Ratio Lower Upper
75 100
77 31.9 24.7 37.1
39 46.0 38.7 58.1





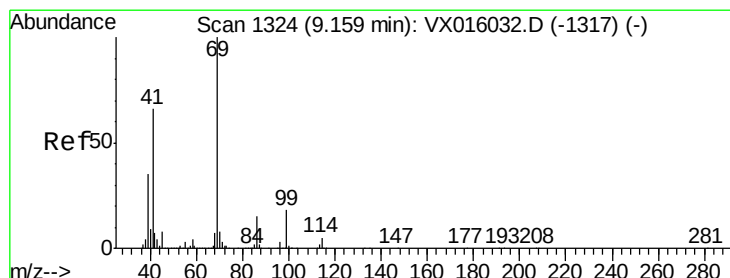
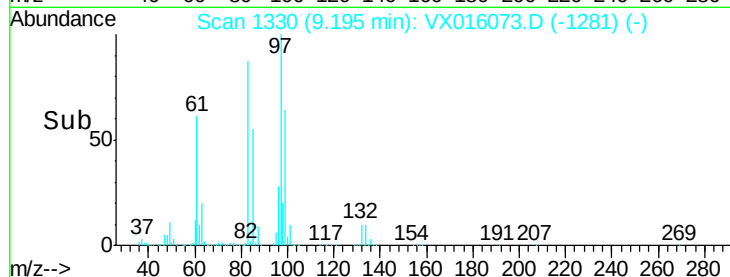
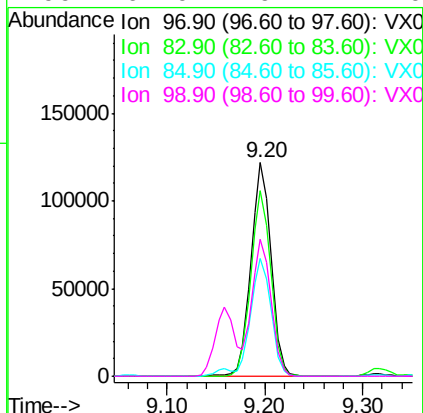
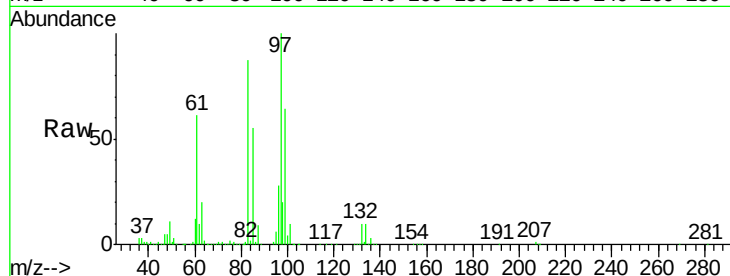
#55
 1,1,2-Trichloroethane
 Concen: 49.318 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	174293
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.8	101.8
85	55.1	43.8	65.8
99	64.0	49.4	74.0

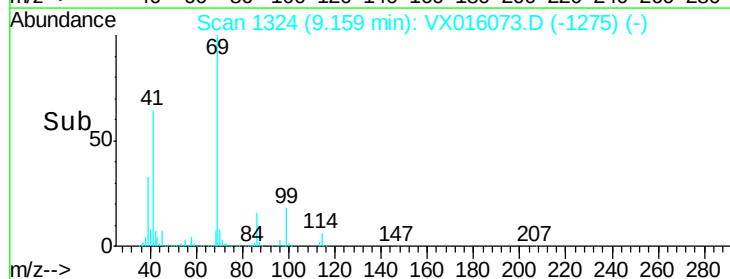
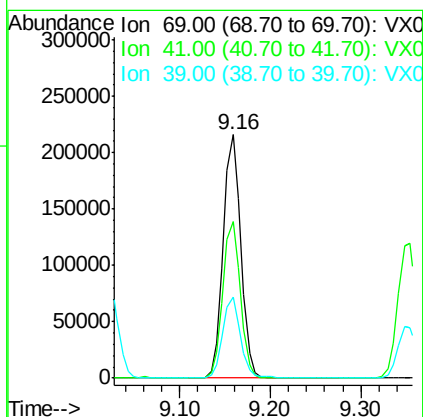
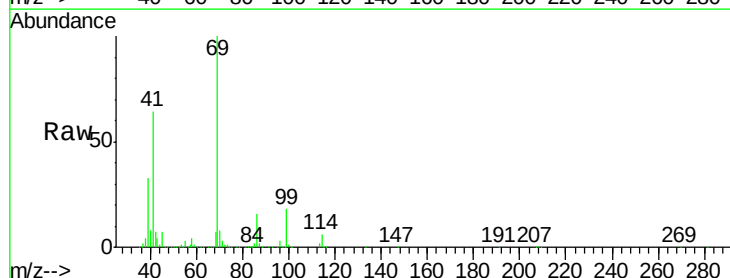
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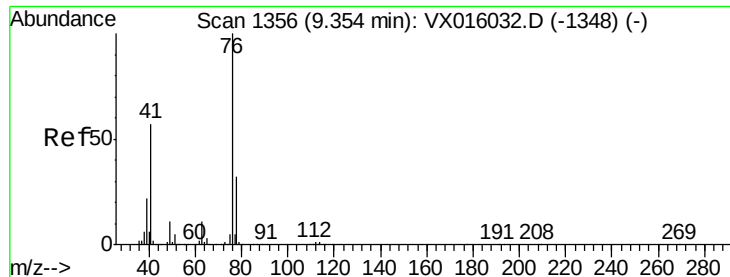
MMDadoda
 5/8/2020 11:54:37 AM



#56
 Ethyl methacrylate
 Concen: 50.711 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Tgt Ion:	69	Resp:	292538
Ion	Ratio	Lower	Upper
69	100		
41	64.1	52.2	78.4
39	33.5	28.2	42.4





#57

1,3-Dichloropropane

Concen: 49.888 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 307638

Ion Ratio Lower Upper

76 100

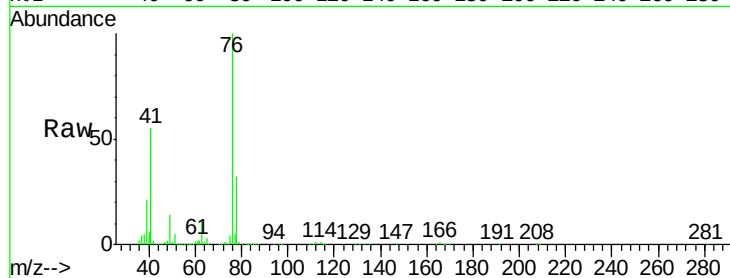
78 32.4 25.9 38.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

250000

200000

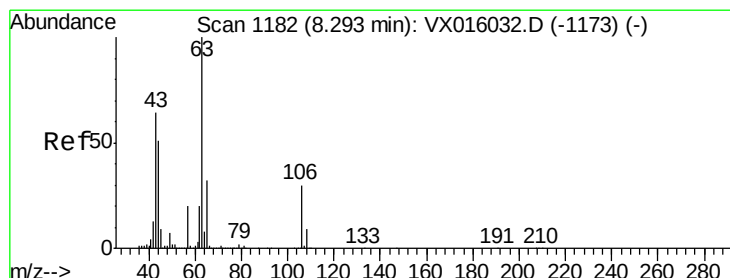
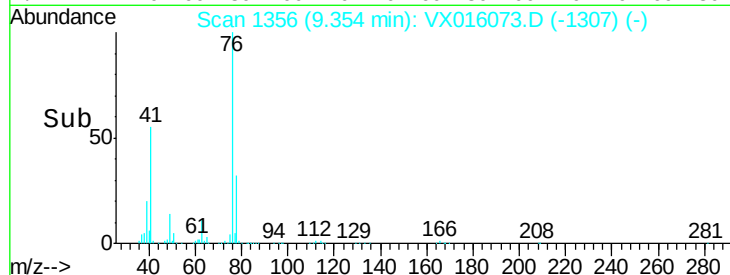
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 282.034 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016073.D

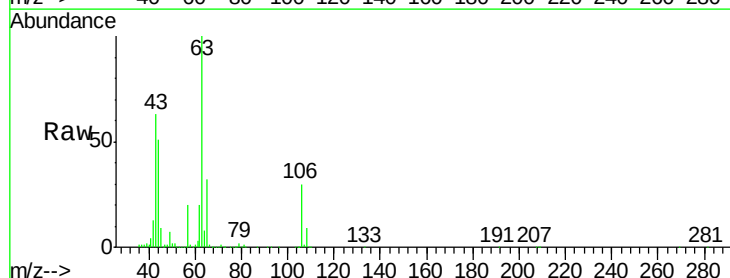
Acq: 06 May 2020 10:45

Tgt Ion: 63 Resp: 866159

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

600000

500000

400000

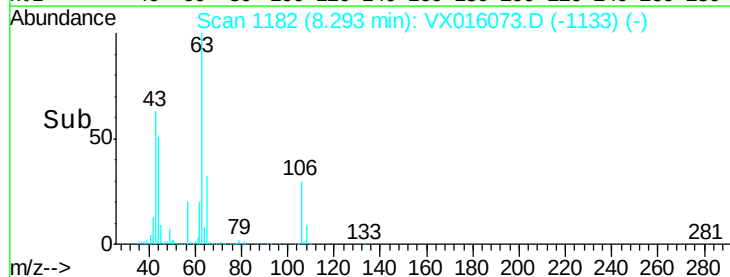
300000

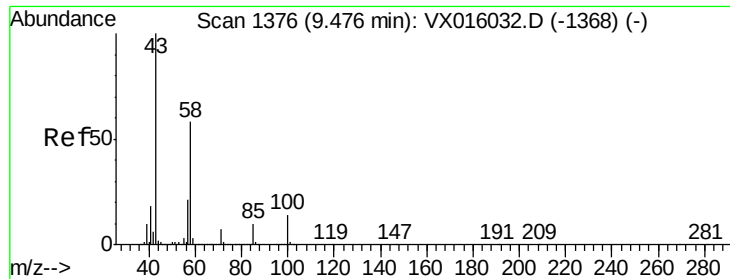
200000

100000

0

Time-->





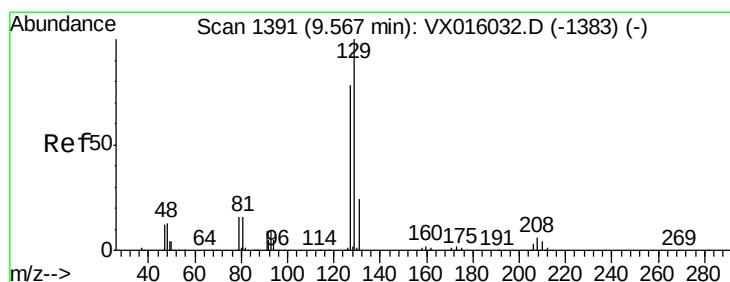
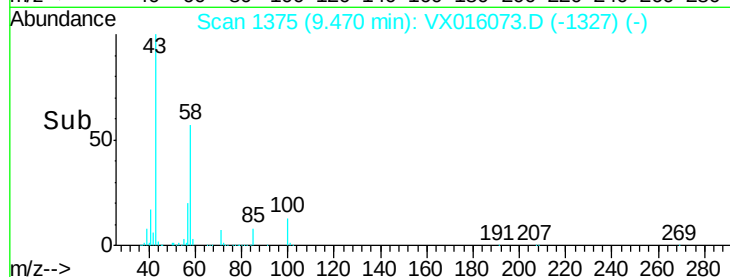
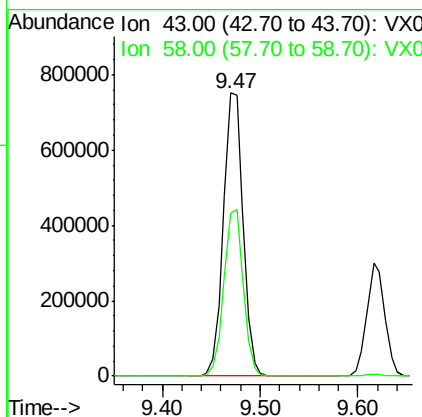
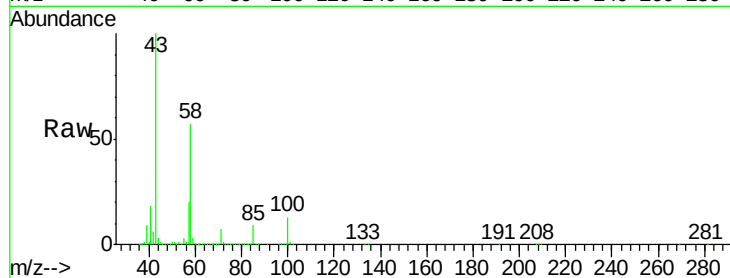
#59
2-Hexanone
Concen: 239.768 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1049482
Ion Ratio Lower Upper
43 100
58 58.0 28.6 85.9

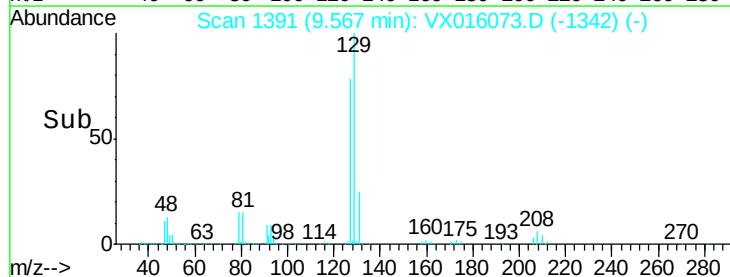
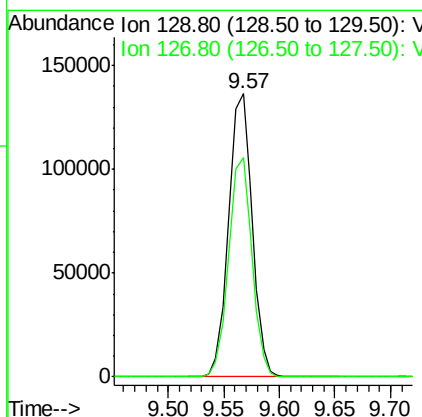
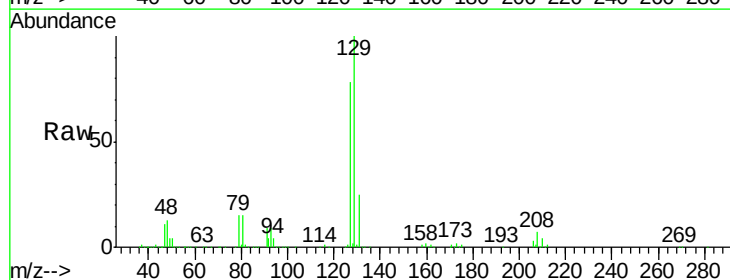
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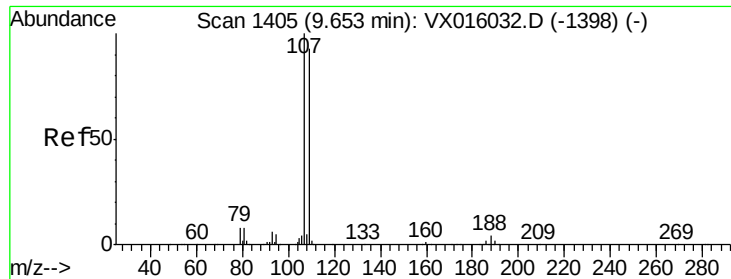
MMDadoda
5/8/2020 11:54:37 AM



#60
Dibromochloromethane
Concen: 51.467 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion: 129 Resp: 200321
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.818 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 190703

Ion Ratio Lower Upper

107 100

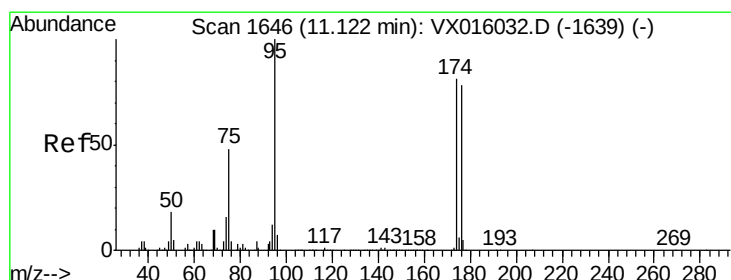
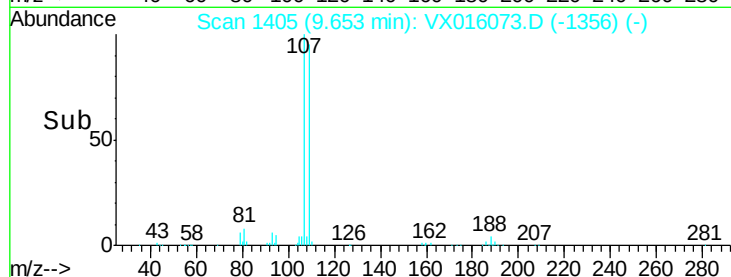
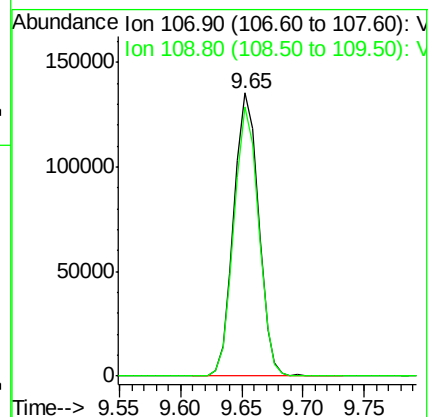
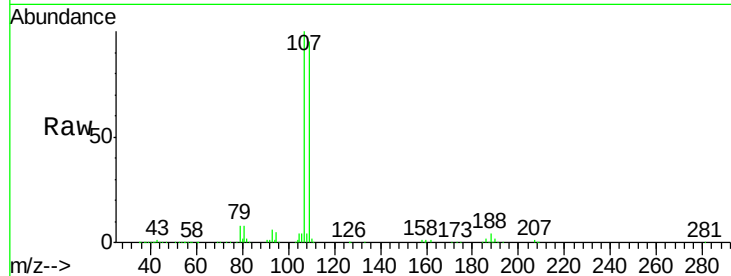
109 94.3 74.9 112.3

Manual Integrations

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5/8/2020 11:54:37 AM



#62

4-Bromofluorobenzene

Concen: 43.461 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

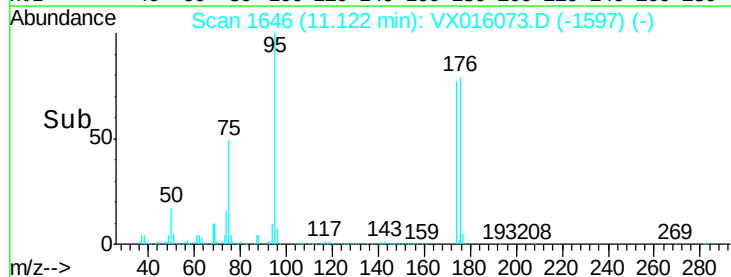
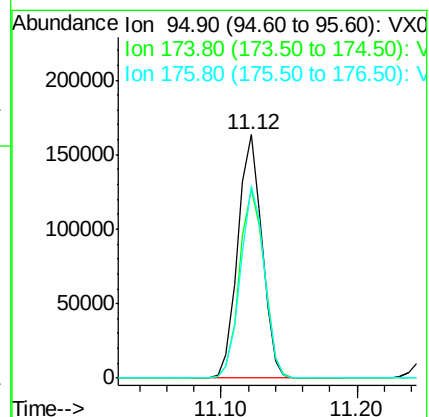
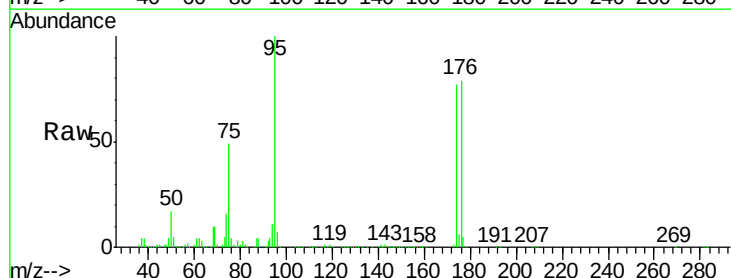
Tgt Ion: 95 Resp: 201902

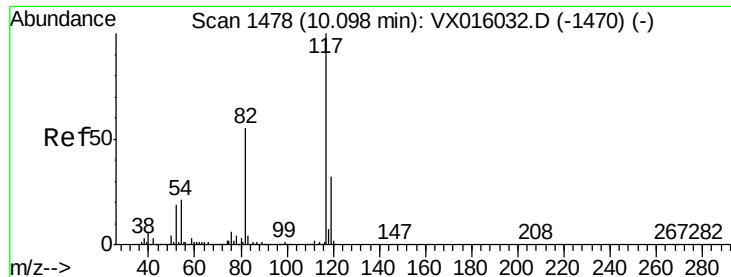
Ion Ratio Lower Upper

95 100

174 79.7 0.0 159.4

176 78.2 0.0 157.6





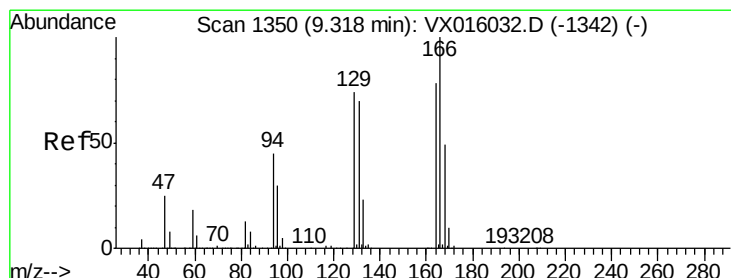
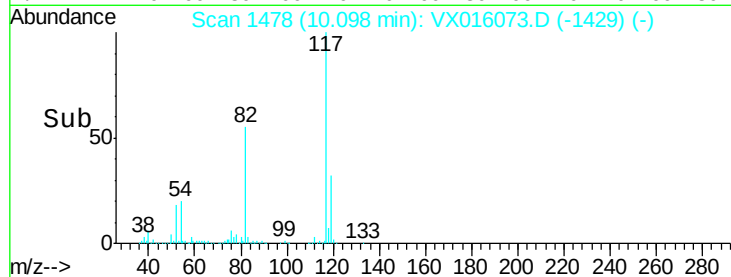
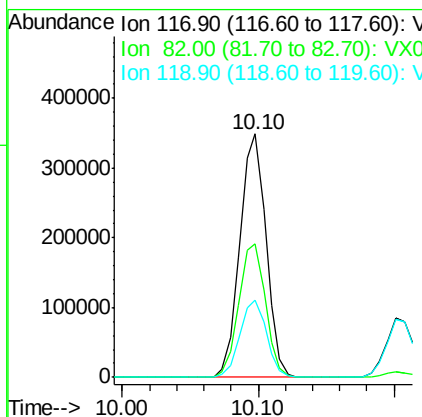
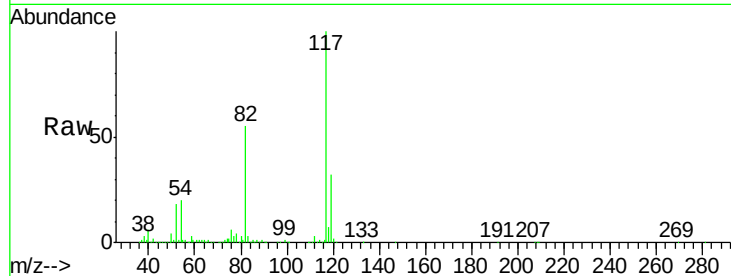
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	117	Resp:	469649
Ion Ratio		Lower	Upper
117	100		
82	54.8	44.4	66.6
119	31.8	25.5	38.3

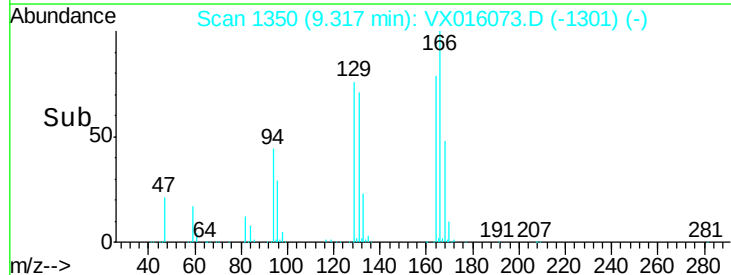
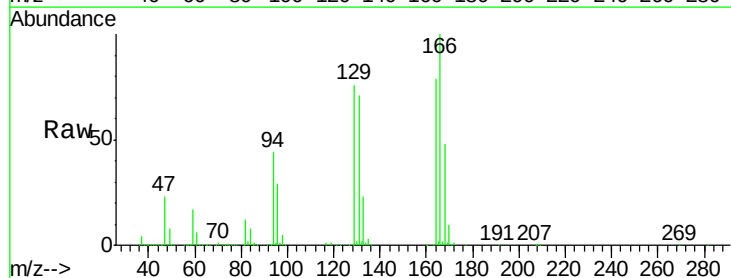
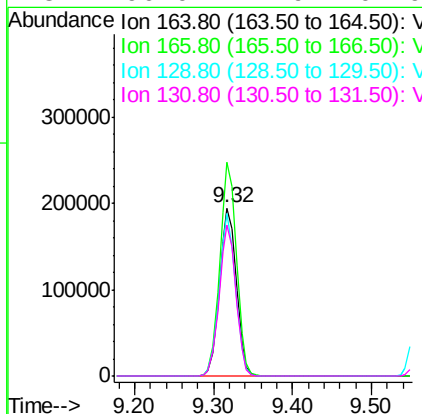
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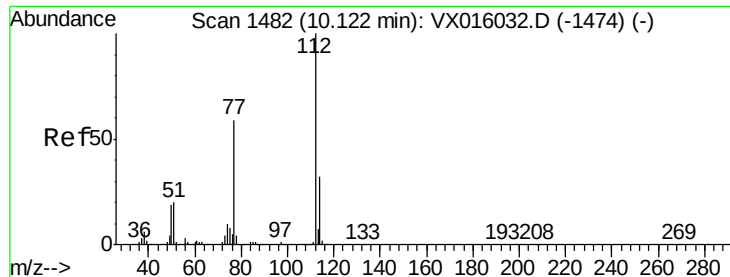
MMDadoda
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#64
Tetrachloroethene
Concen: 50.037 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion:	164	Resp:	288491
Ion Ratio		Lower	Upper
164	100		
166	127.0	102.9	154.3
129	96.8	76.1	114.1
131	90.0	71.9	107.9





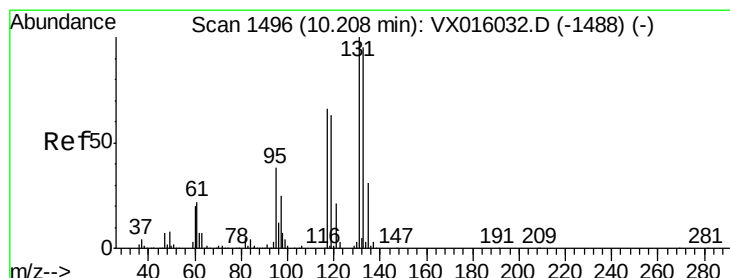
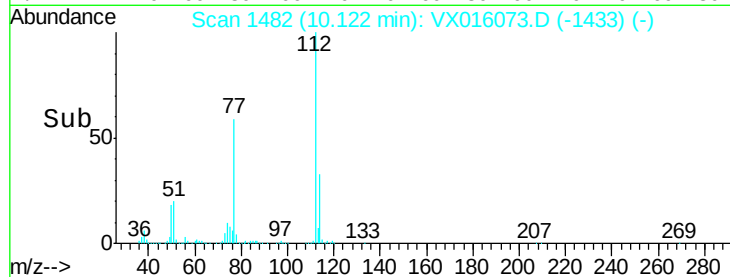
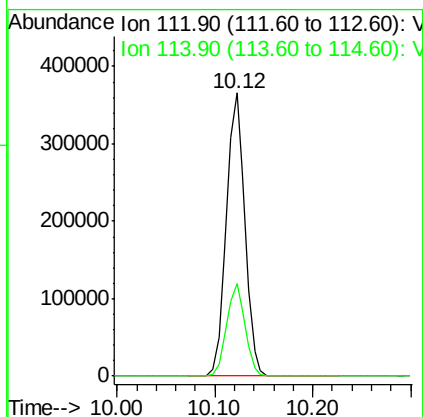
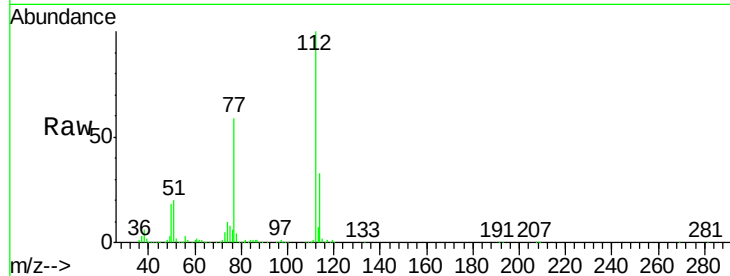
#65
Chlorobenzene
Concen: 48.887 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 480750
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

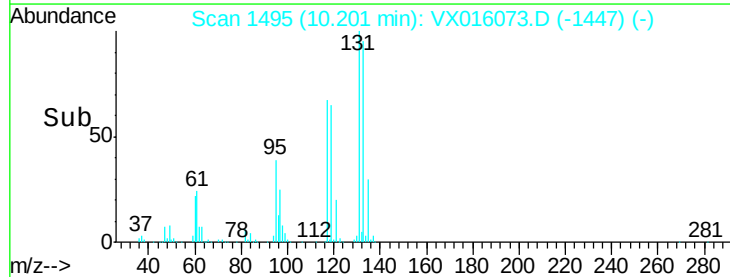
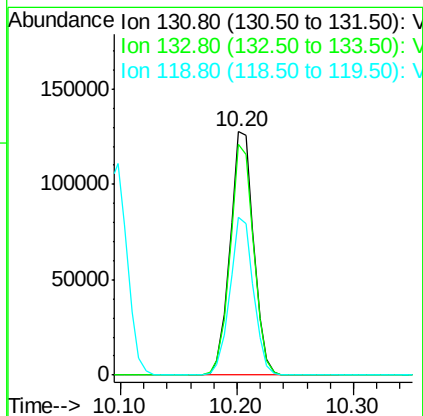
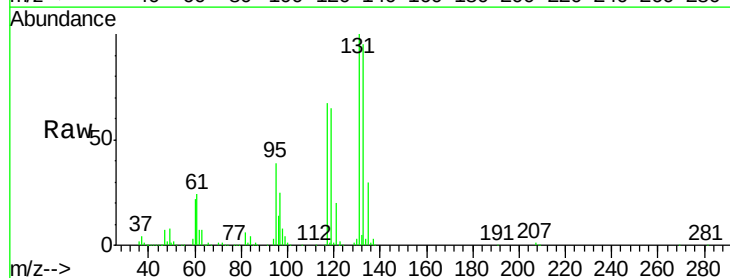
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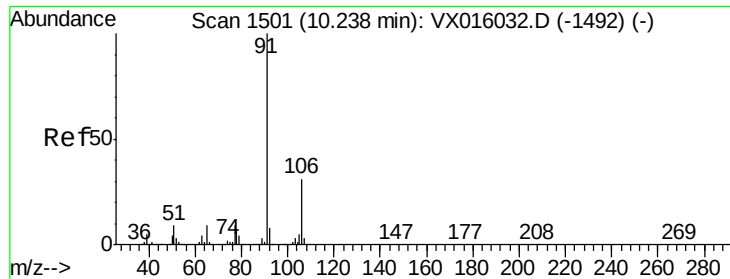
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.323 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion:131 Resp: 179277
Ion Ratio Lower Upper
131 100
133 95.0 48.3 144.8
119 64.7 32.3 96.9





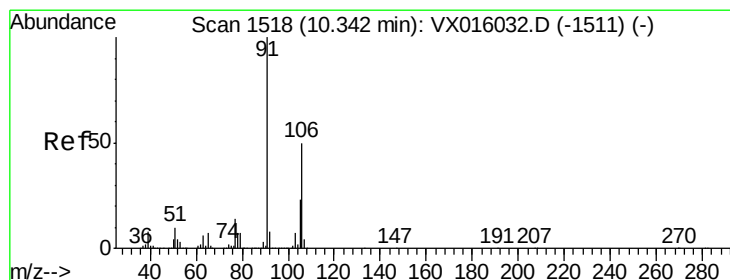
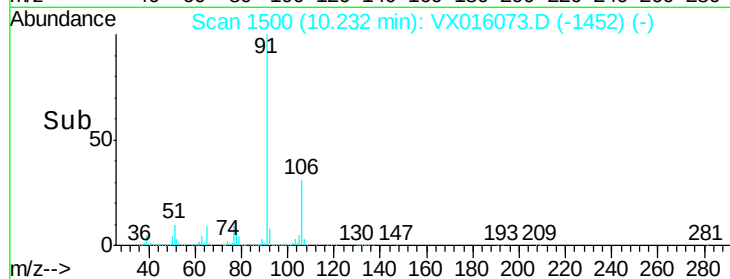
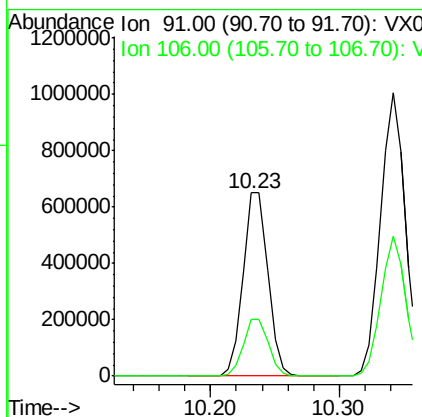
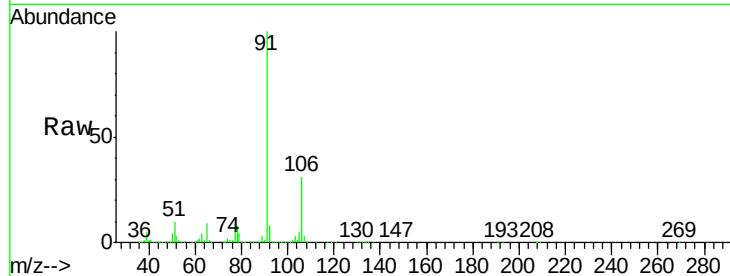
#67
Ethyl Benzene
Concen: 49.296 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 864954
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7

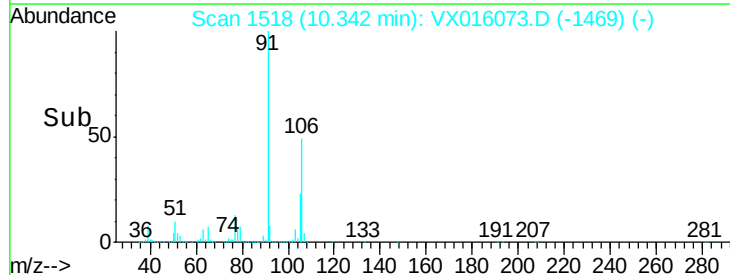
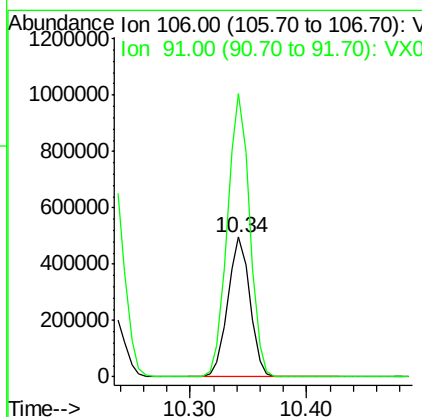
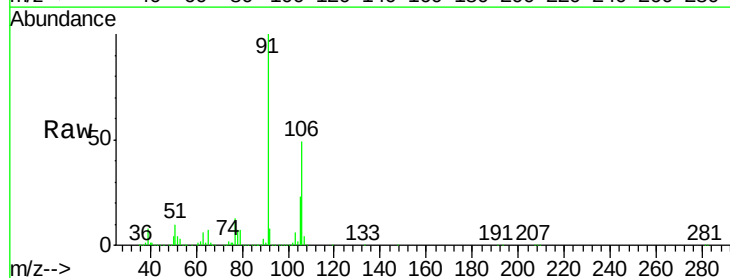
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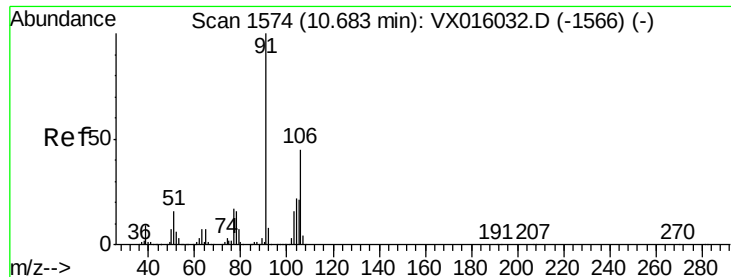
MMDadoda
5/8/2020 11:54:37 AM



#68
m/p-Xylenes
Concen: 99.647 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion: 106 Resp: 655072
Ion Ratio Lower Upper
106 100
91 203.6 161.7 242.5





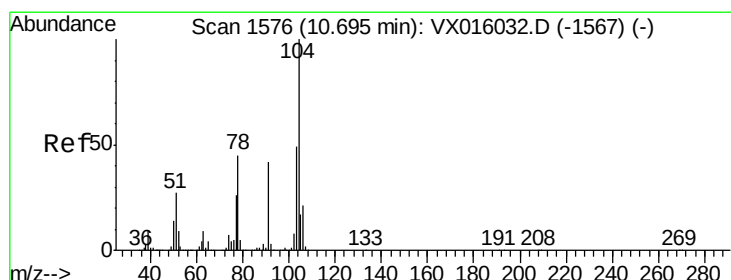
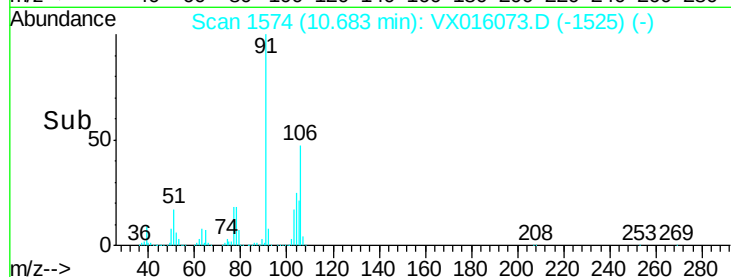
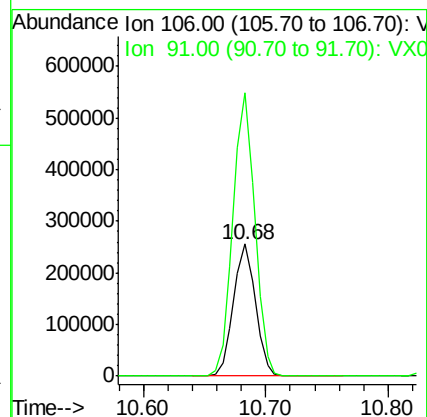
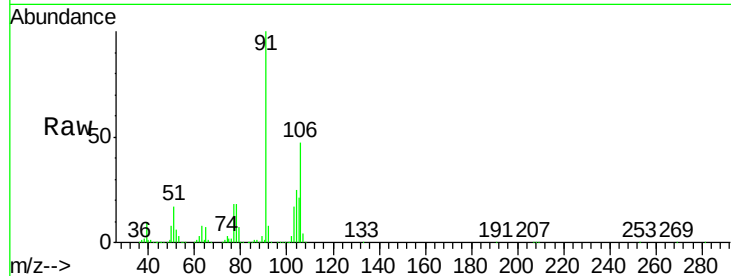
#69
o-Xylene
Concen: 49.988 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.5	107.5	322.6

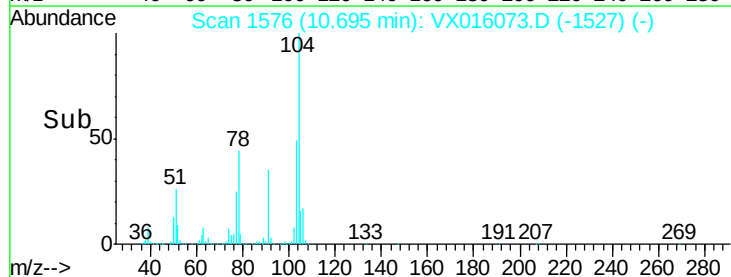
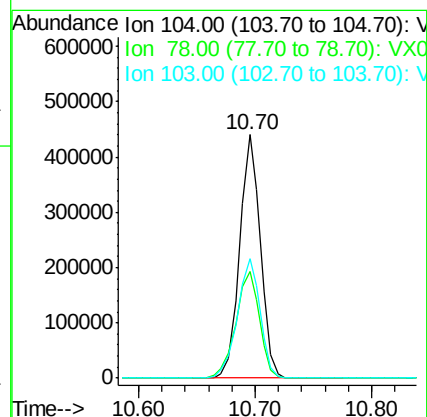
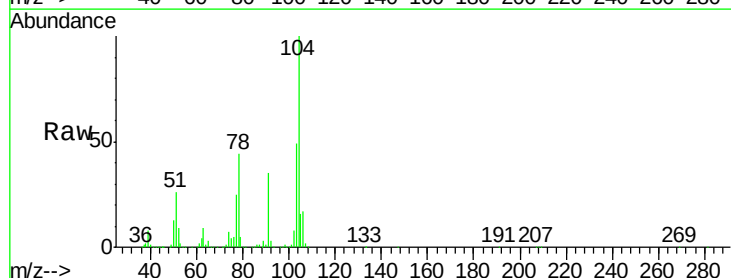
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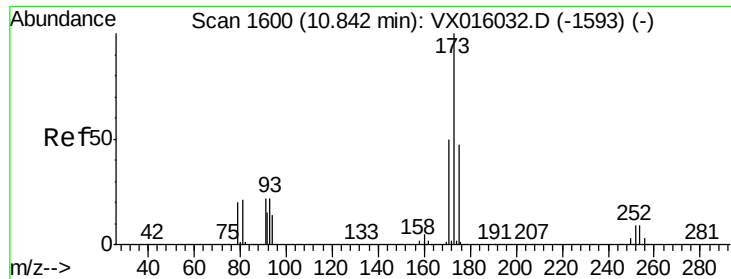
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#70
Styrene
Concen: 51.007 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.9	40.2	60.2
103	53.9	43.0	64.6





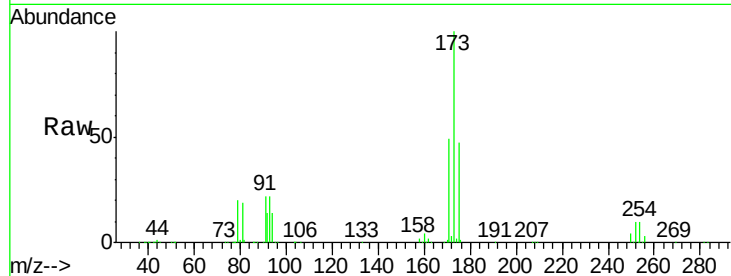
#71
Bromoform
Concen: 51.634 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

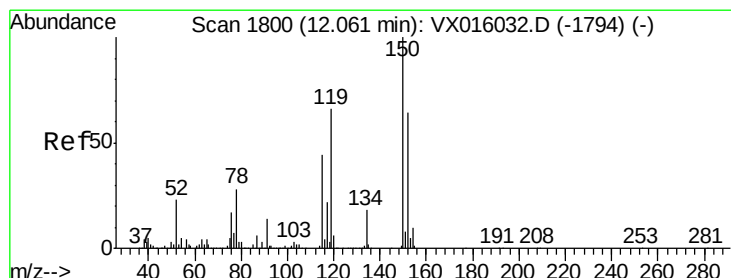
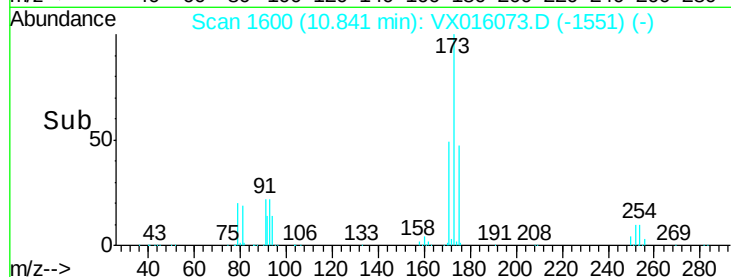
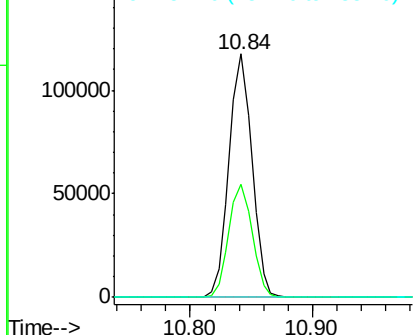
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.0	72.0
254	0.1	0.1	0.1

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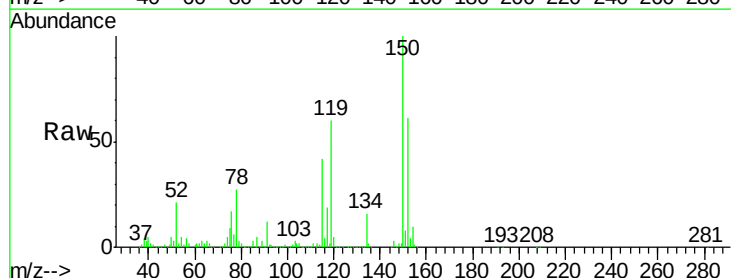


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

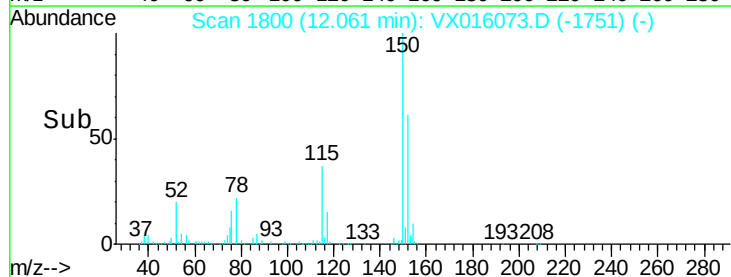
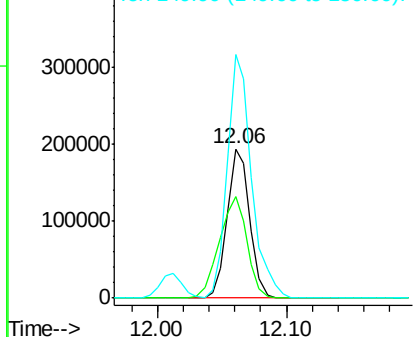


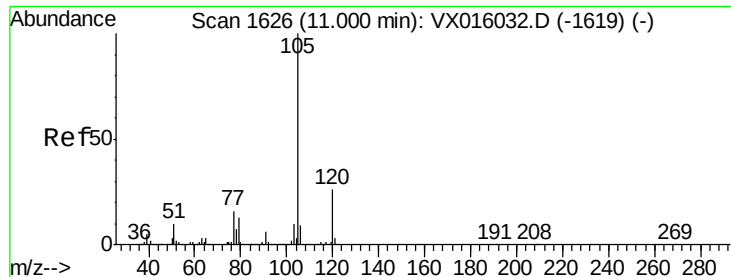
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.8	41.3	124.1
150	176.1	0.0	352.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.450 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 856646

Ion Ratio Lower Upper

105 100

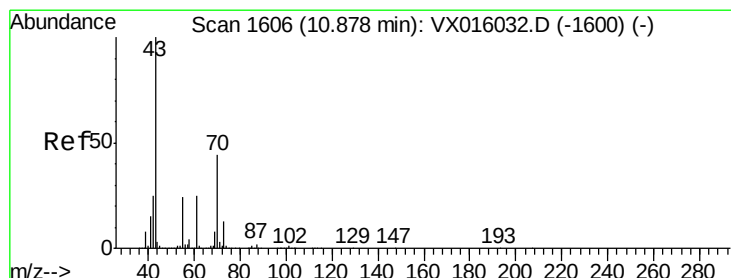
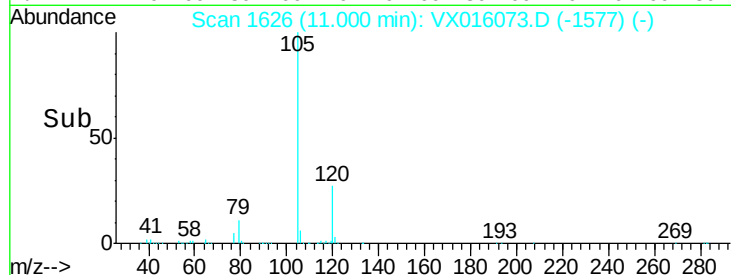
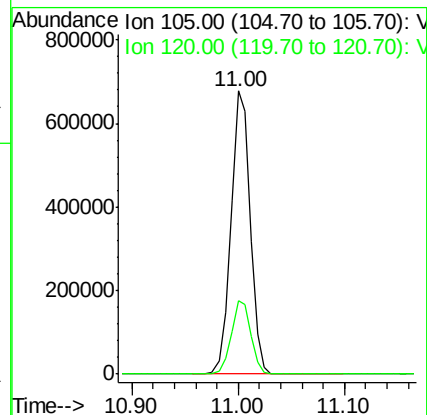
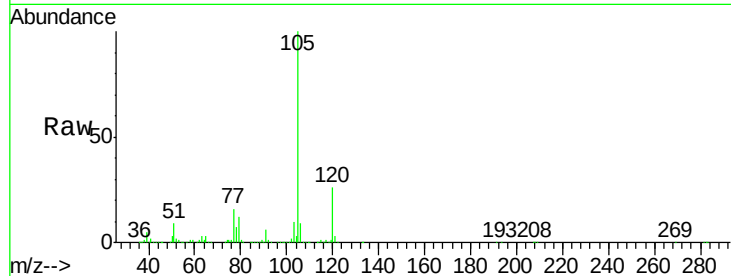
120 26.3 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 47.037 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Tgt Ion: 43 Resp: 380078

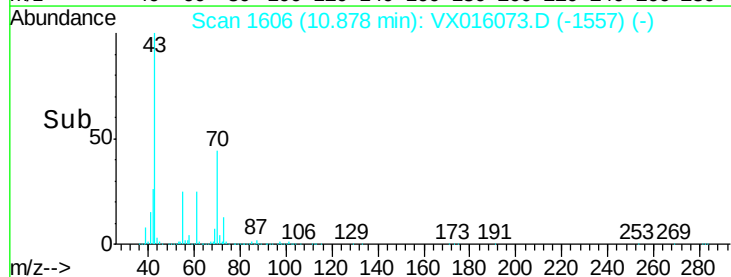
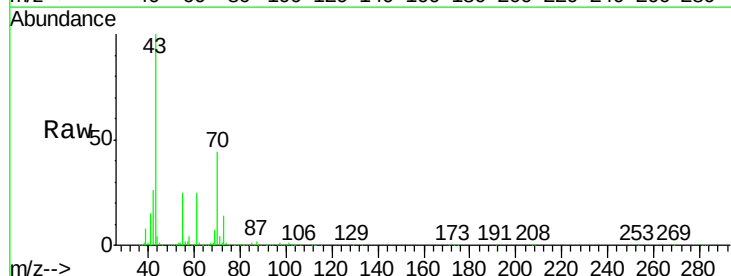
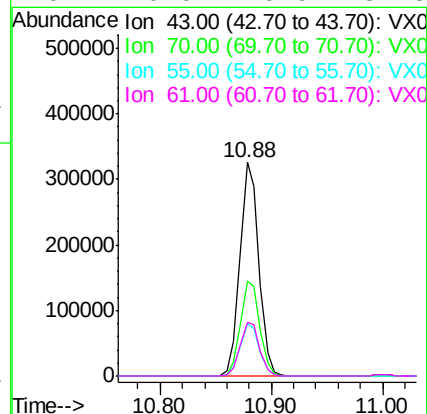
Ion Ratio Lower Upper

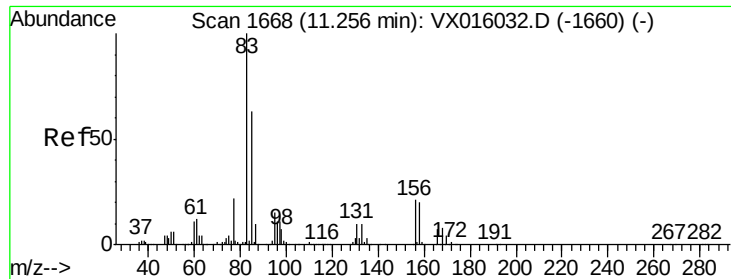
43 100

70 45.3 36.5 54.7

55 25.1 19.7 29.5

61 26.0 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.095 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

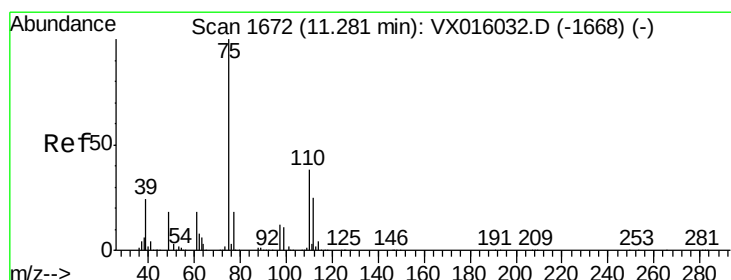
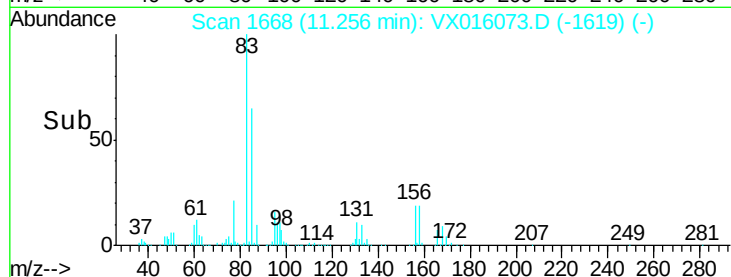
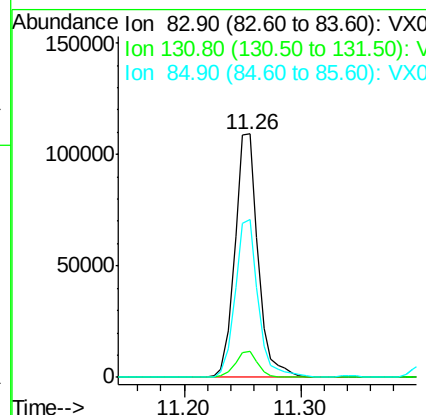
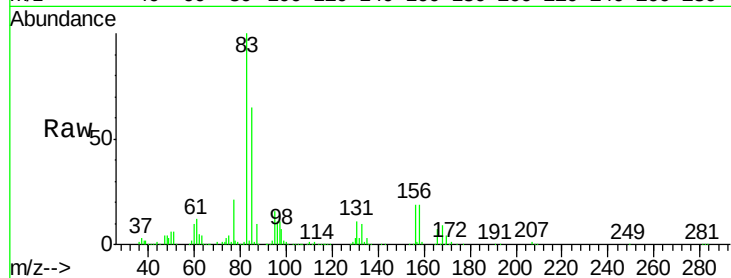
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	151227
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	64.4	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 47.963 ug/l m

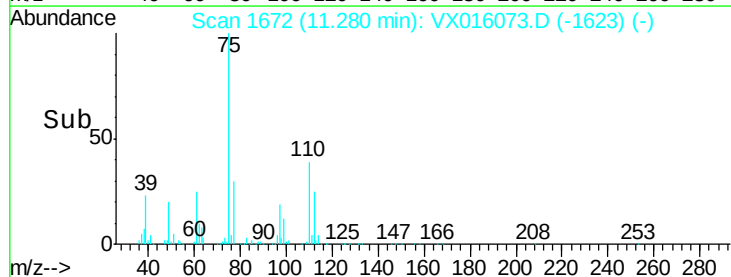
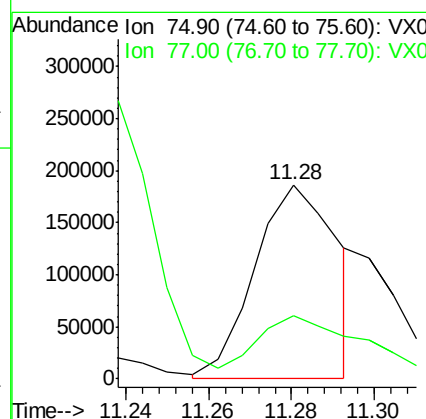
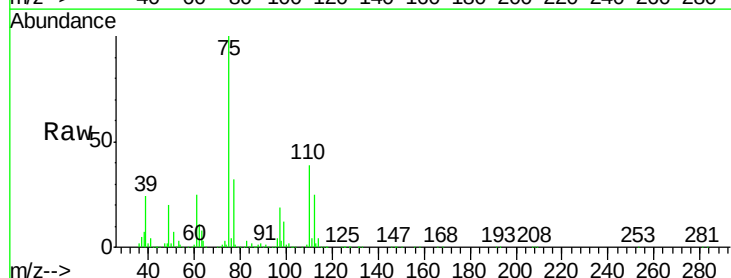
RT: 11.28 min Scan# 1672

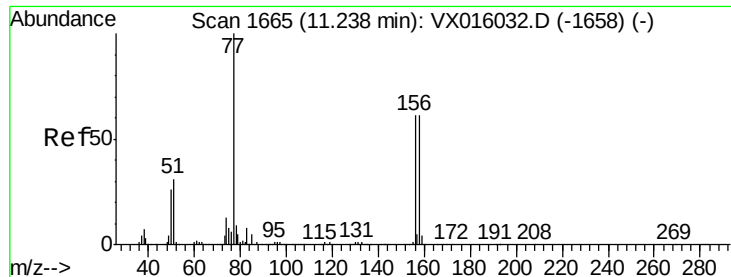
Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Tgt Ion:	75	Resp:	259227
Ion Ratio	Lower	Upper	
75	100		
77	42.3	21.2	63.6





#77

Bromobenzene

Concen: 47.743 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

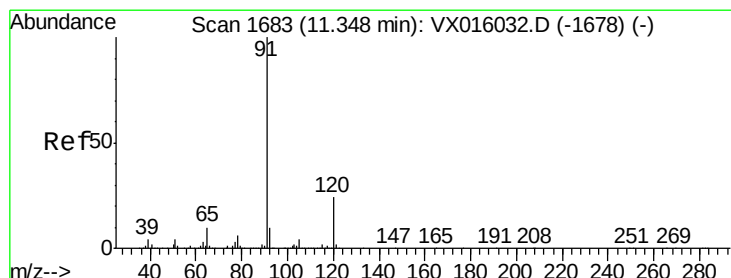
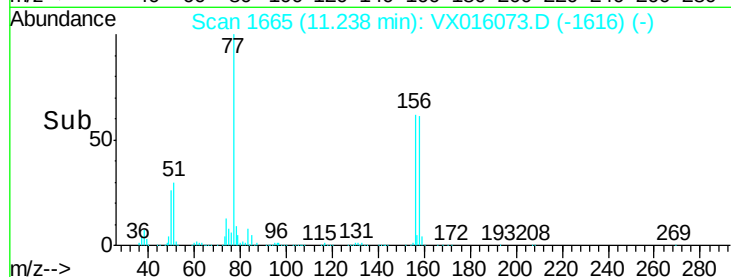
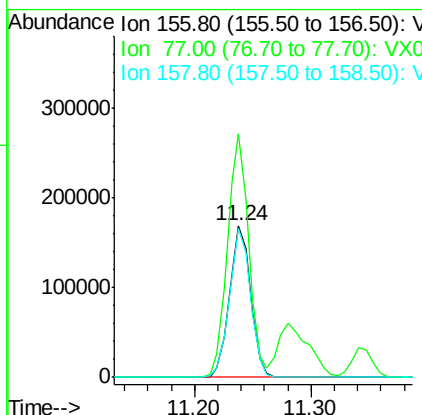
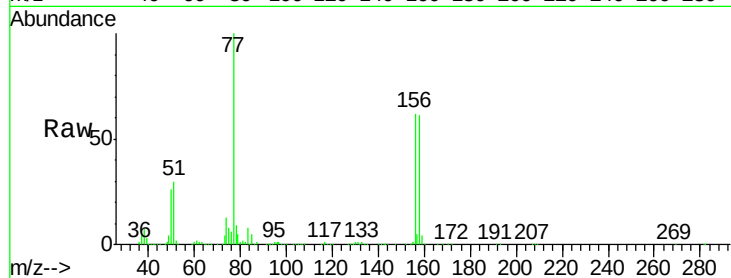
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	160.7	80.1	240.3
158	97.4	49.4	148.2

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#78

n-propylbenzene

Concen: 49.837 ug/l

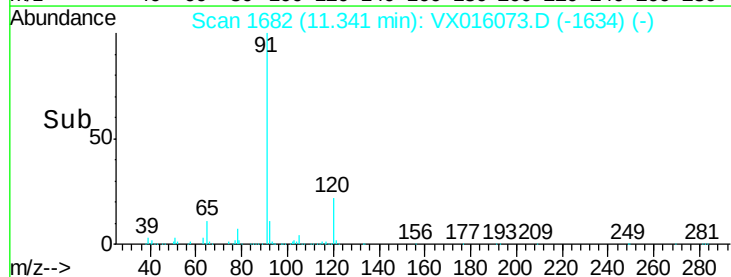
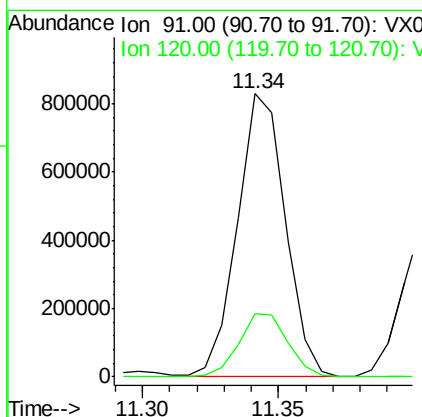
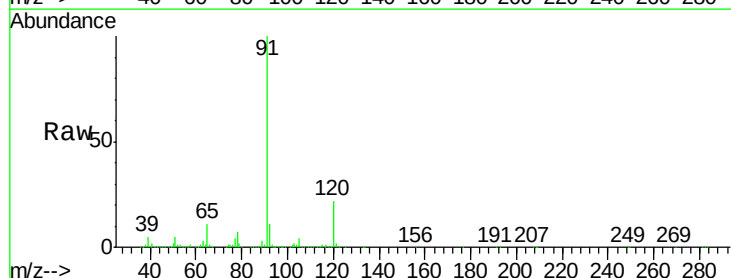
RT: 11.34 min Scan# 1682

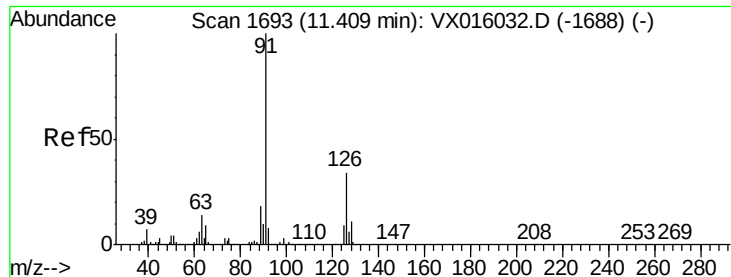
Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.5





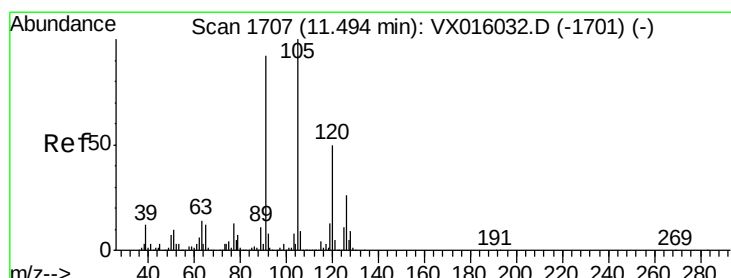
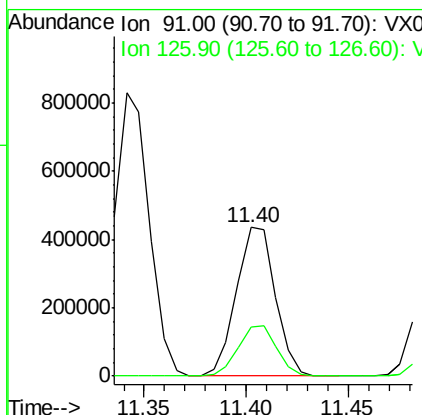
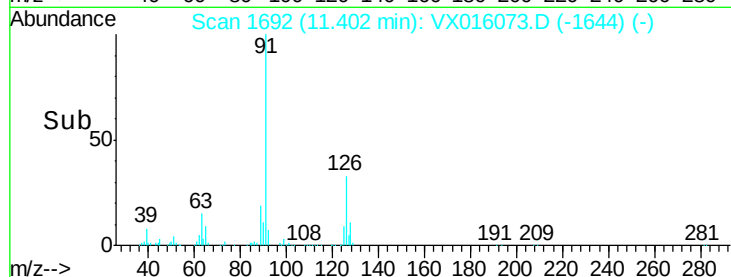
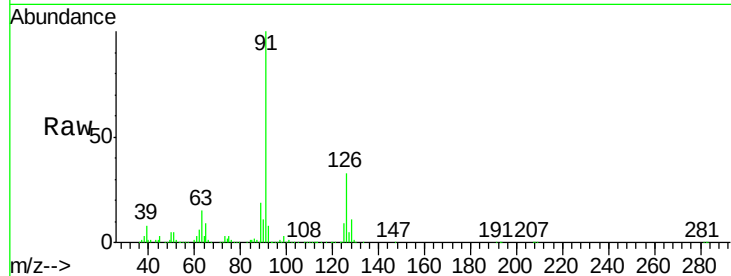
#79
 2-Chlorotoluene
 Concen: 48.313 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 574721
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.9 50.6

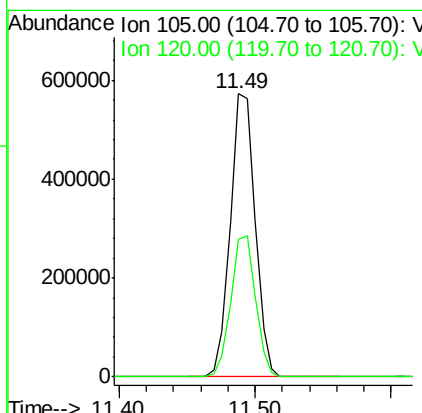
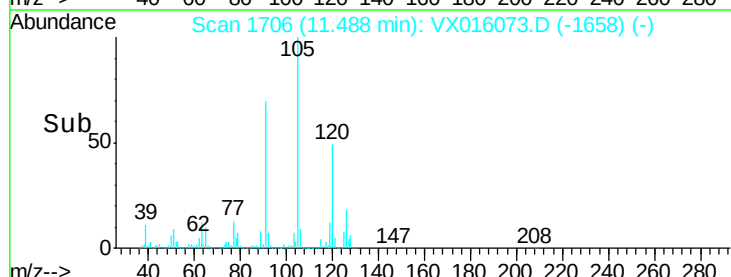
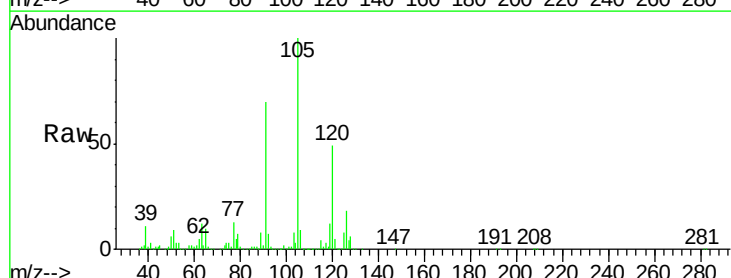
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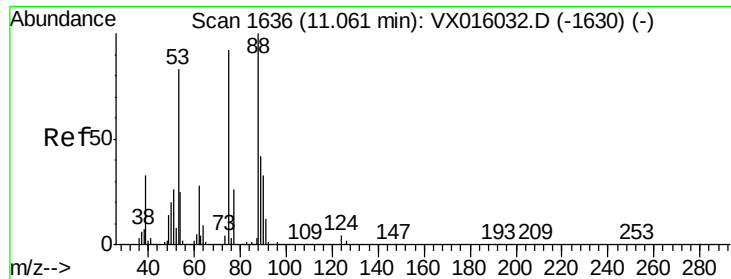
MMDadoda
 5/8/2020 11:54:37 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 49.783 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Tgt Ion: 105 Resp: 728154
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 74.0





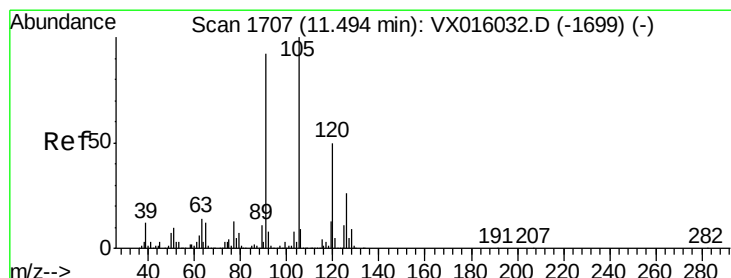
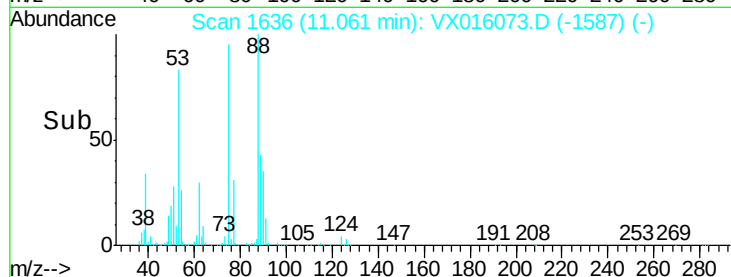
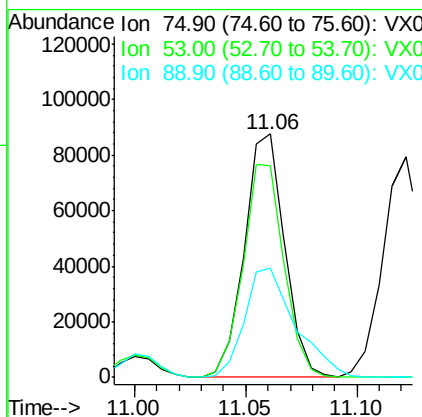
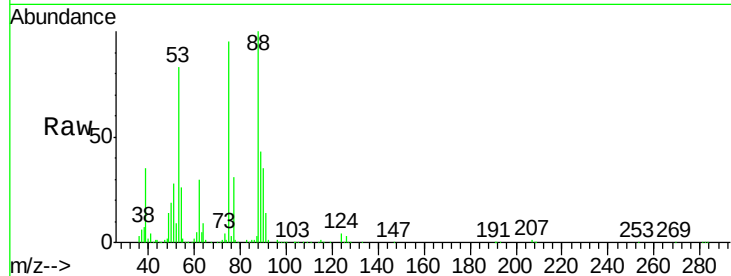
#81
trans-1,4-Dichloro-2-butene
Concen: 48.436 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.3	73.1	109.7
89	57.1	36.7	55.1#

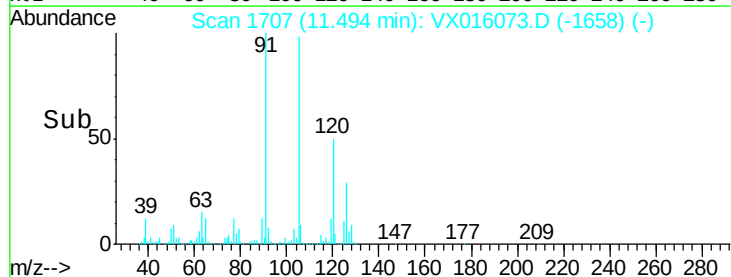
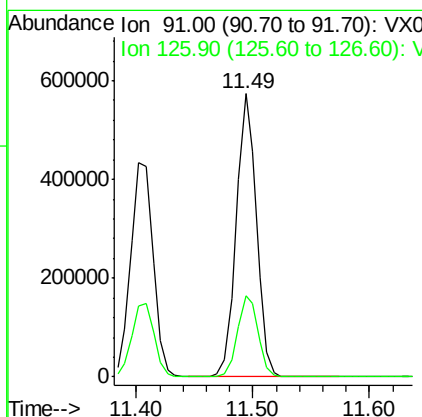
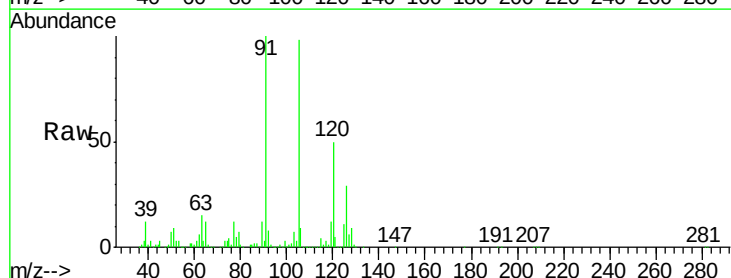
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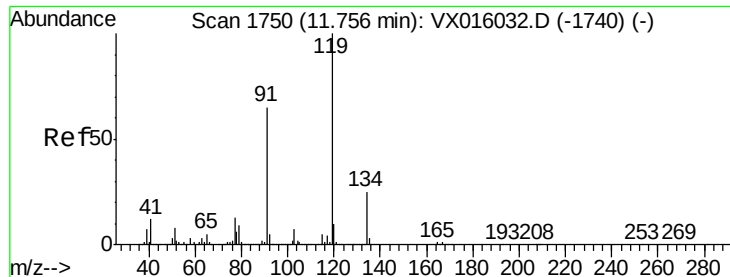
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.344 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.8	44.3





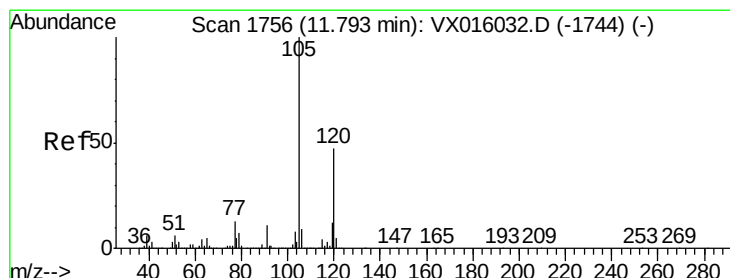
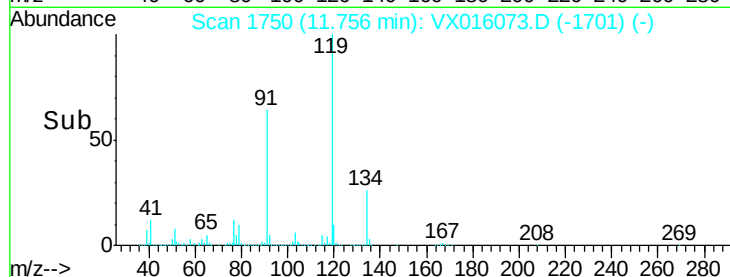
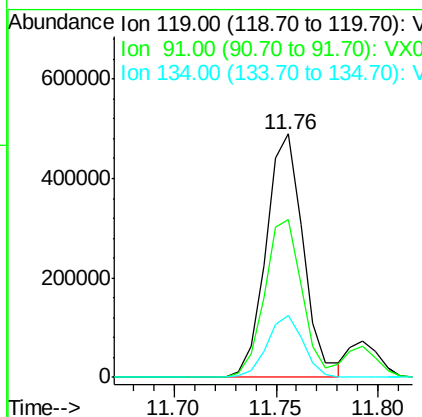
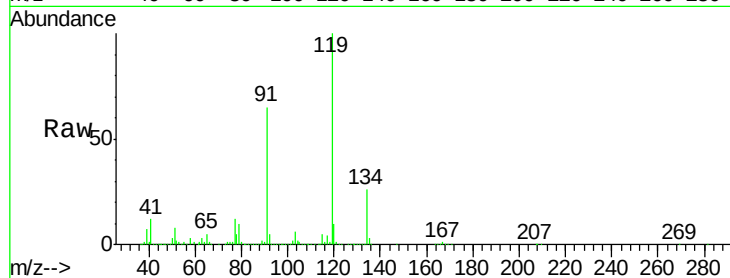
#83
 tert-Butylbenzene
 Concen: 49.447 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	623290		
91	64.8	32.8	98.4	
134	24.4	12.4	37.0	

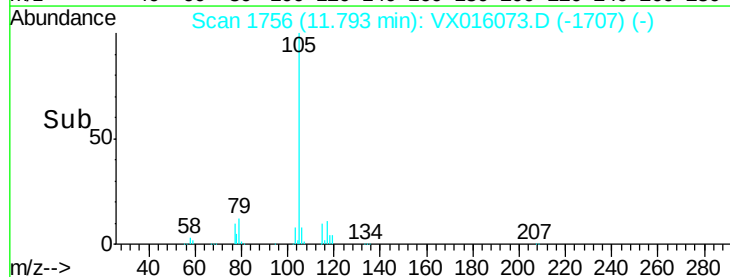
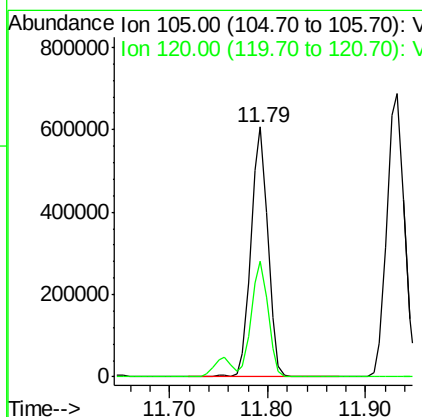
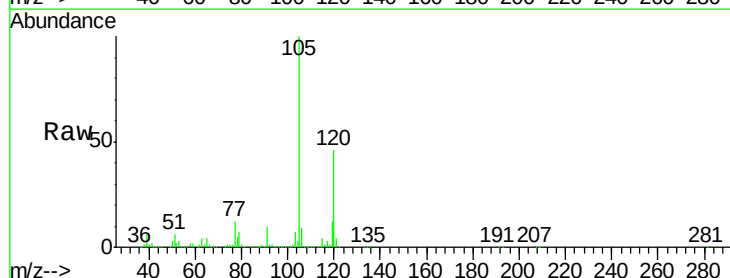
Manual Integrations
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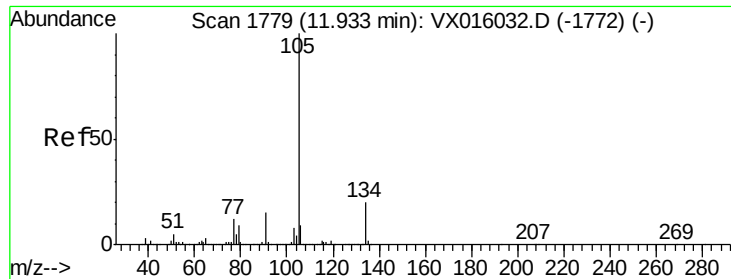
MMDadoda
 5/8/2020 11:54:37 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.212 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	727729		
120	45.9	23.0	69.0	





#85

sec-Butylbenzene

Concen: 50.223 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 854762

Ion Ratio Lower Upper

105 100

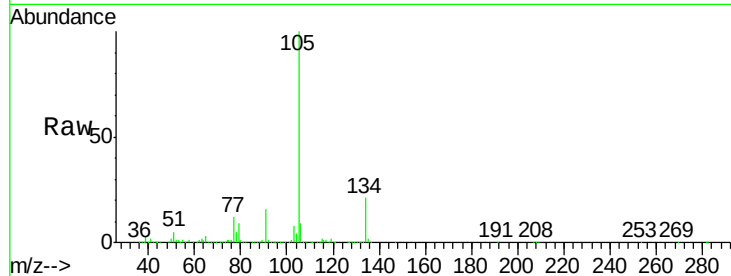
134 20.2 10.1 30.3

Manual Integrations

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5/8/2020 11:54:37 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

200000

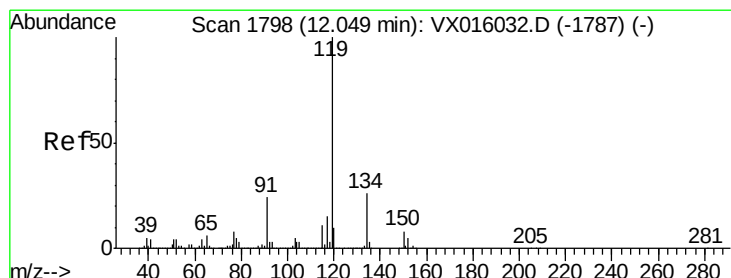
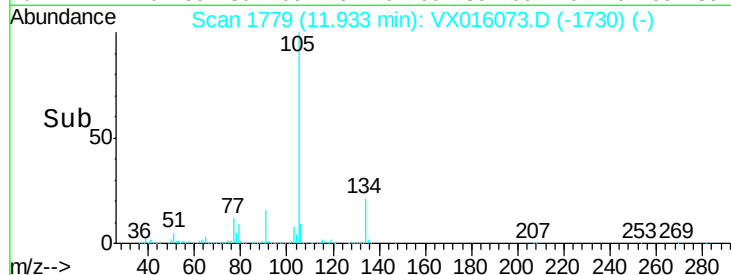
0

11.90

11.93

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 50.696 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

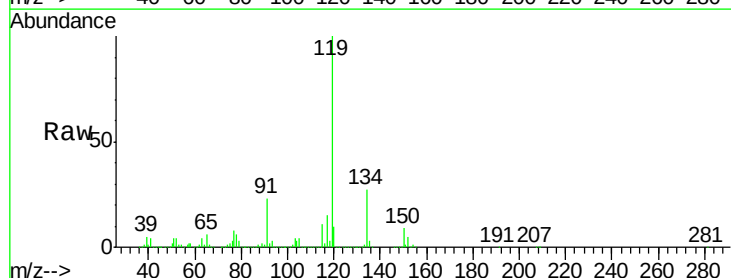
Tgt Ion:119 Resp: 801076

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.2 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

800000

600000

400000

200000

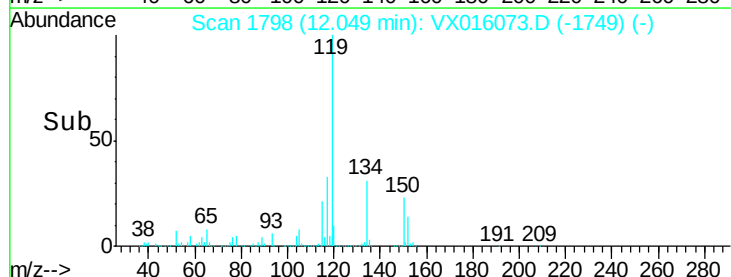
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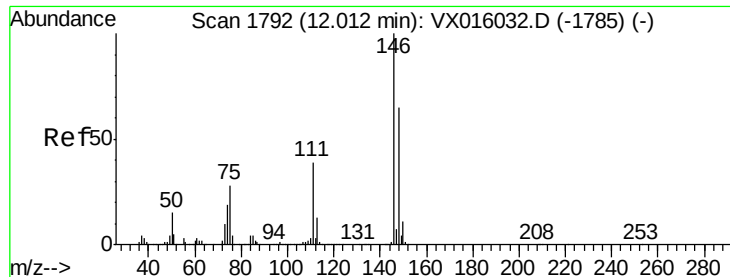
12.00

12.05

12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 47.704 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016073.D

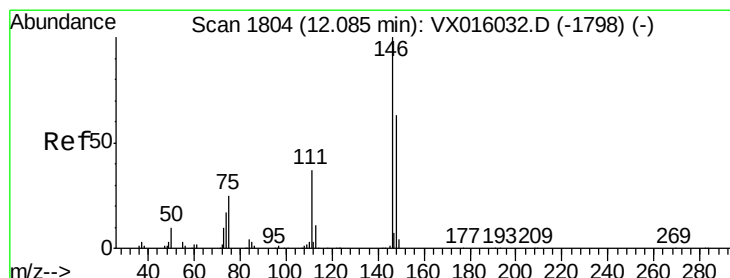
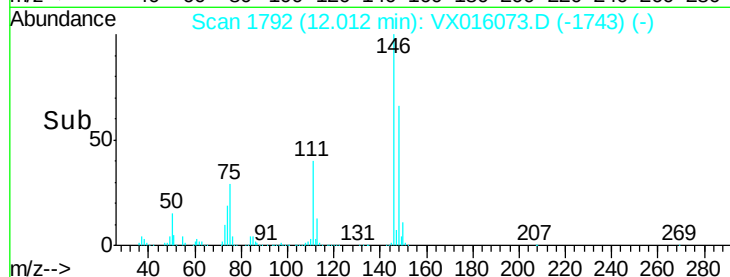
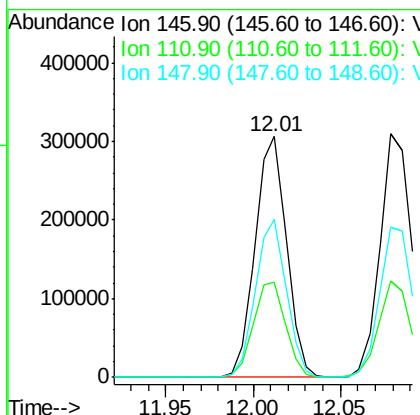
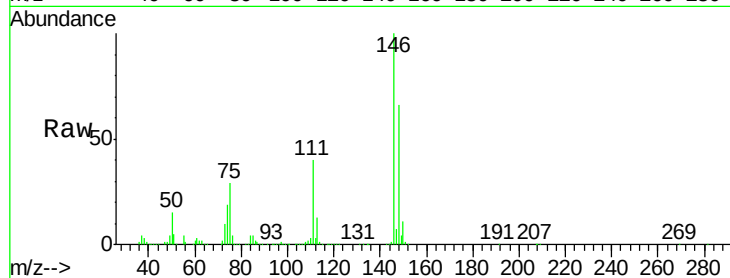
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.2	60.6
148	64.7	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.255 ug/l

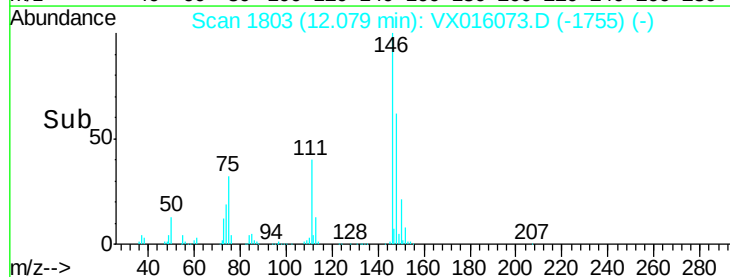
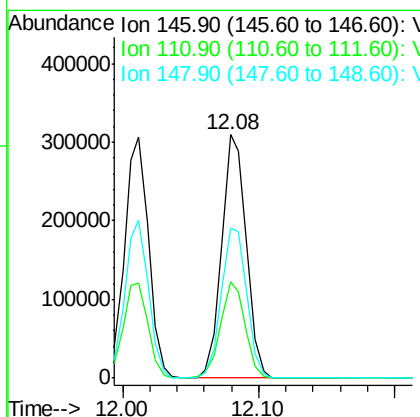
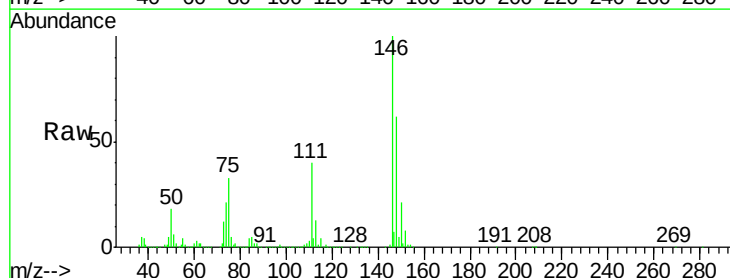
RT: 12.08 min Scan# 1803

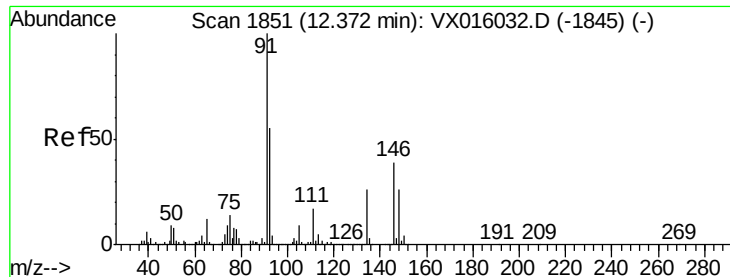
Delta R.T. -0.01 min

Lab File: VX016073.D

Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.7
148	64.2	31.8	95.3





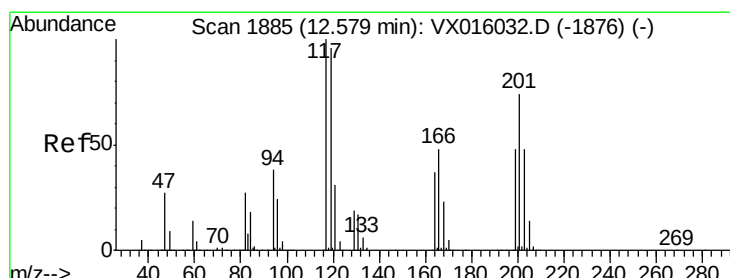
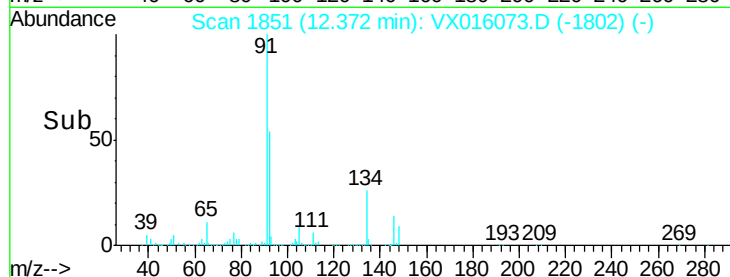
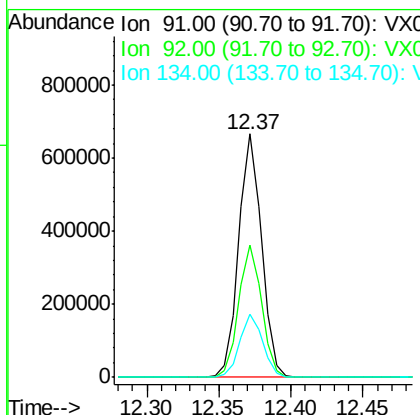
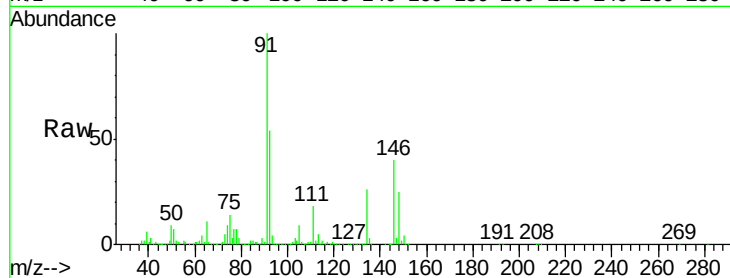
#89
n-Butylbenzene
Concen: 51.052 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.6	82.7
134	26.0	13.4	40.1

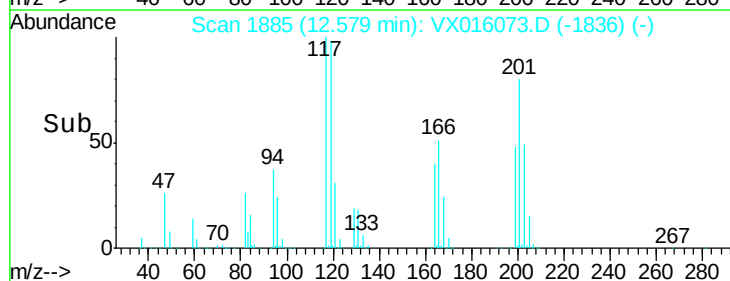
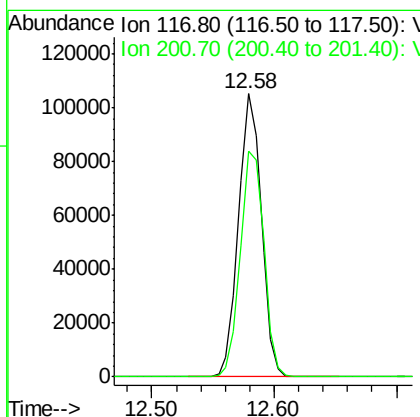
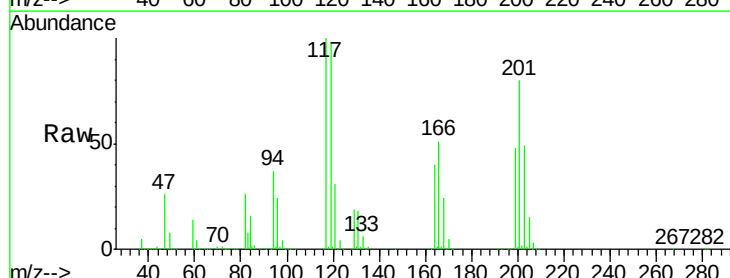
Manual Integrations
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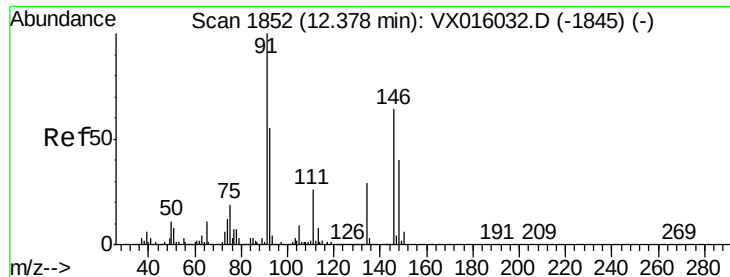
MMDadoda
5/8/2020 11:54:37 AM



#90
Hexachloroethane
Concen: 49.873 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.6	39.8	119.3





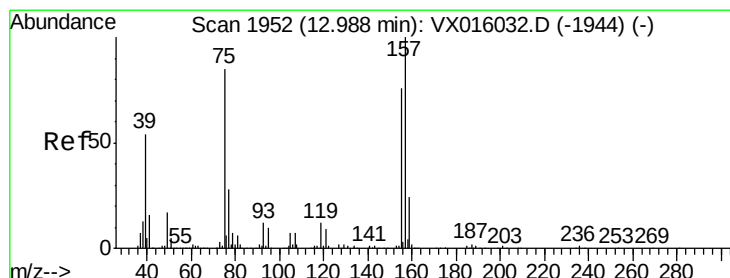
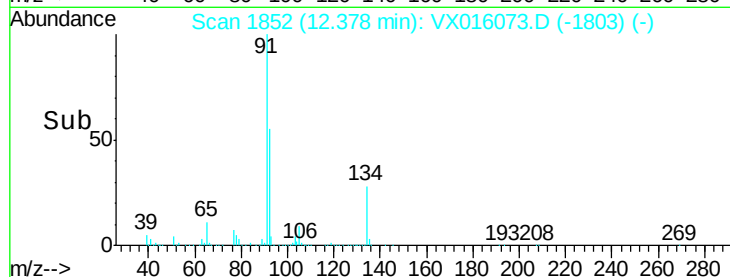
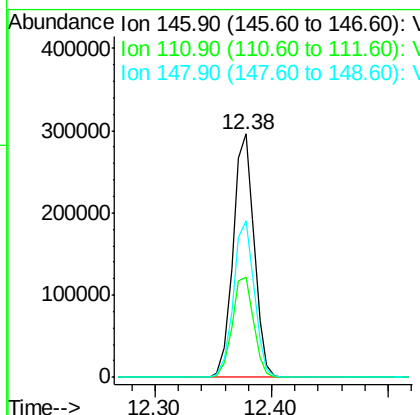
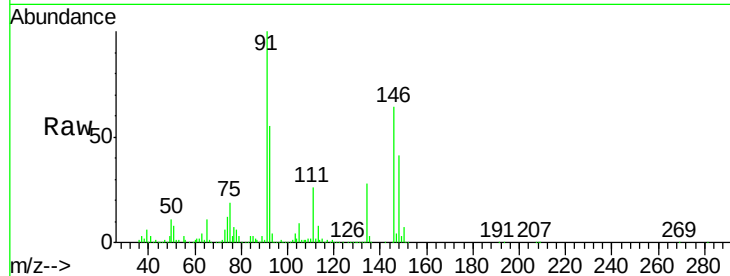
#91
 1,2-Dichlorobenzene
 Concen: 48.075 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	371657		
111	42.0	21.1	63.1	
148	63.8	32.4	97.0	

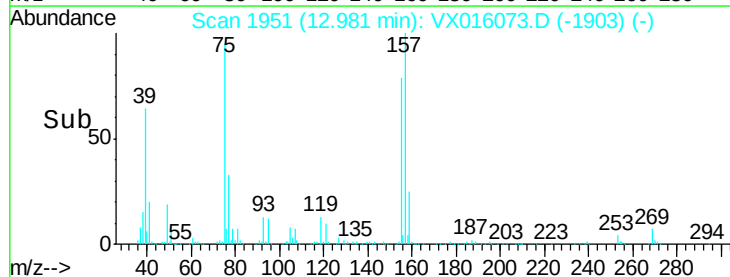
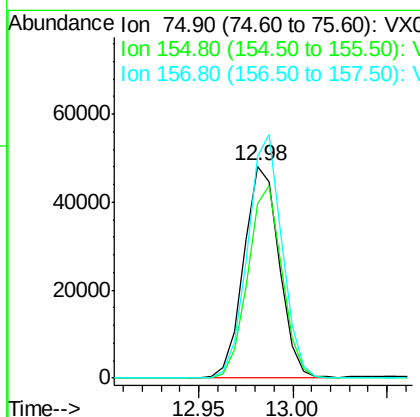
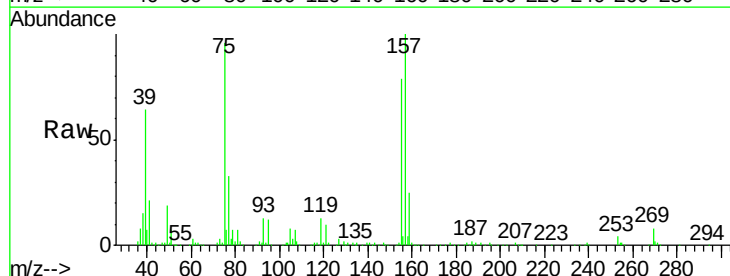
Manual Integrations
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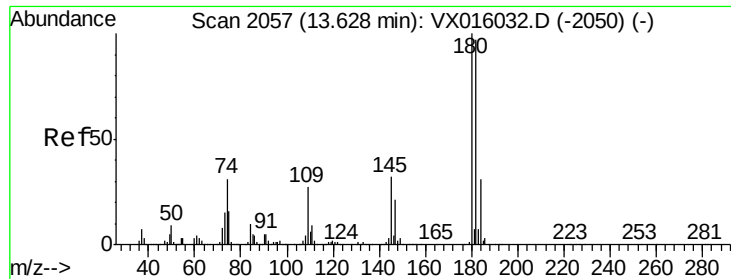
MMDadoda
 5/8/2020 11:54:37 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.808 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	62402		
155	87.9	42.5	127.5	
157	111.7	55.3	165.8	





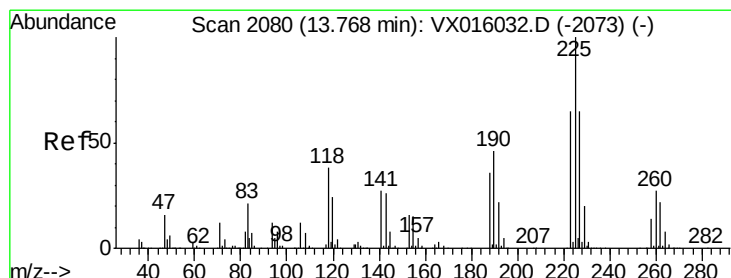
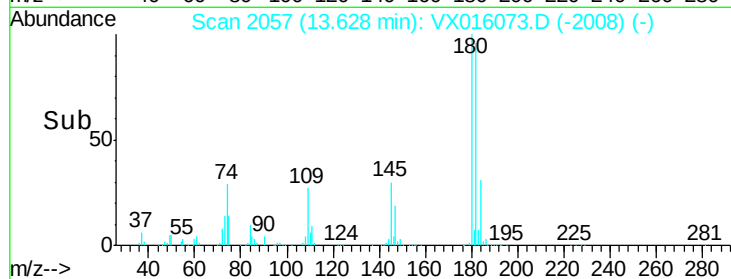
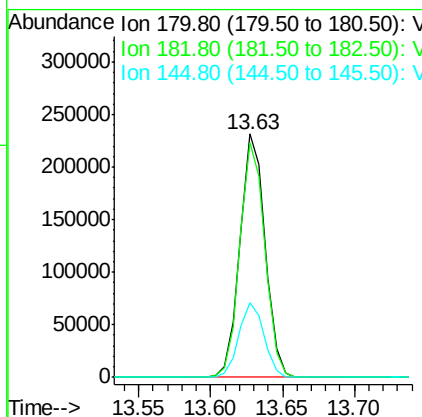
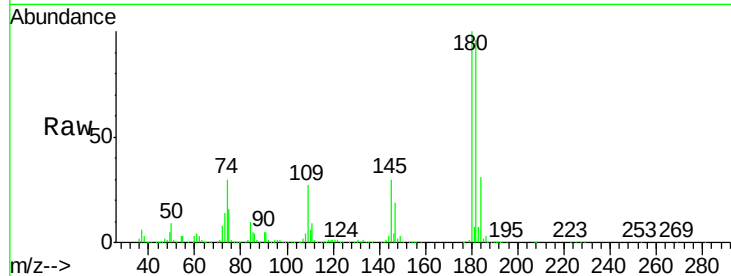
#93
 1,2,4-Trichlorobenzene
 Concen: 48.963 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	280243		
182	95.7	48.7	146.1	
145	30.7	15.7	47.1	

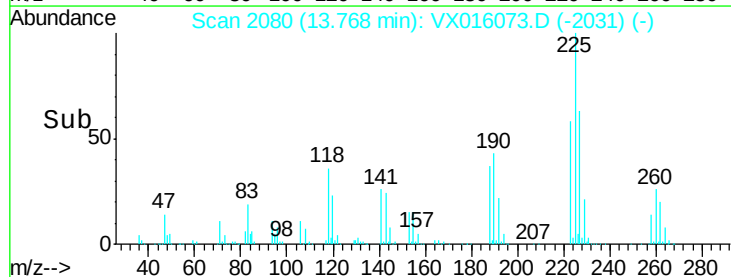
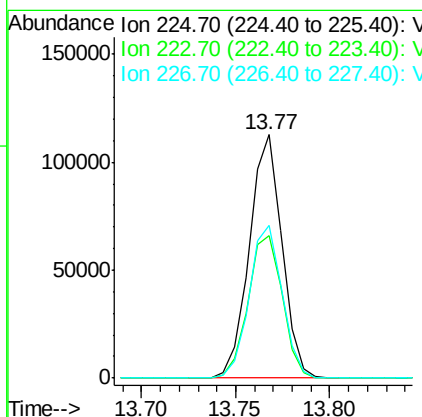
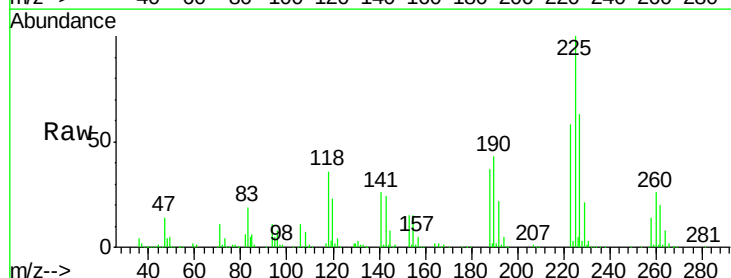
Manual Integrations
 APPROVED

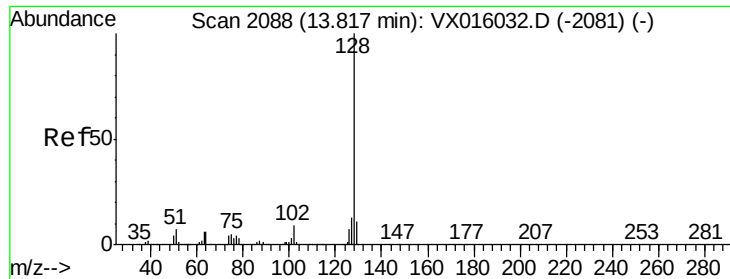
MMDadoda
 5/8/2020 11:54:37 AM



#94
 Hexachlorobutadiene
 Concen: 54.733 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016073.D
 Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	135017		
223	61.8	32.3	96.9	
227	63.4	31.8	95.4	





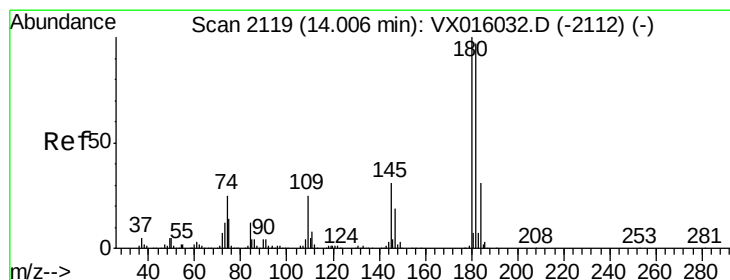
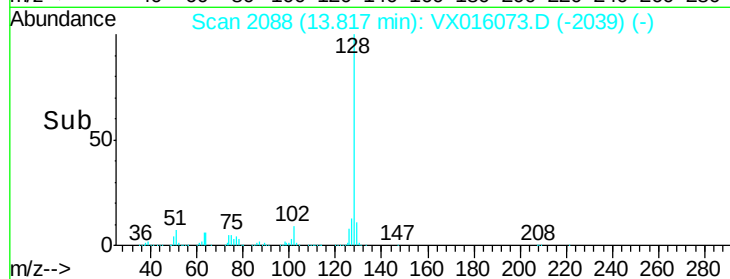
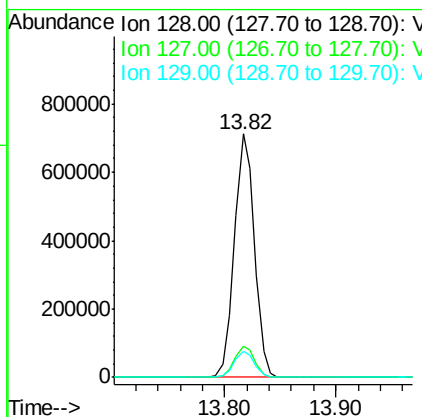
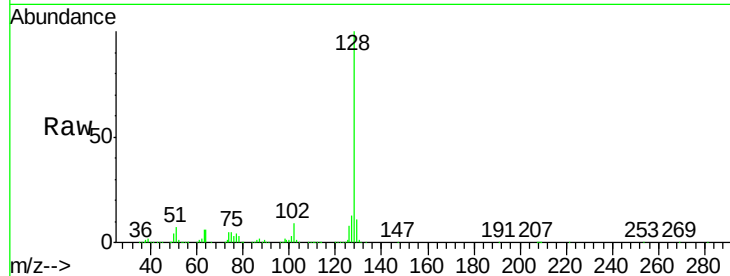
#95
Naphthalene
Concen: 47.773 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	885383		
127	12.9		10.2	15.4
129	10.8		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:54:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.568 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016073.D
Acq: 06 May 2020 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	271679		
182	96.8		48.4	145.0
145	32.7		16.4	49.1

