

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052820\
 Data File : VX016472.D
 Acq On : 28 May 2020 09:55
 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
 5/29/2020 10:57:39 AM

Quant Time: May 28 13:17:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	366580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	568397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	508814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241775	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	211680	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
35) Dibromofluoromethane	5.46	113	166449	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
50) Toluene-d8	8.70	98	662090	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.12	95	242066	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	197700	54.802	ug/l	97
3) Chloromethane	1.31	50	229244	52.584	ug/l	99
4) Vinyl Chloride	1.39	62	250443	54.322	ug/l	98
5) Bromomethane	1.62	94	111580	49.776	ug/l	100
6) Chloroethane	1.71	64	149903	55.739	ug/l	97
7) Trichlorofluoromethane	1.91	101	325286	53.724	ug/l	98
8) Diethyl Ether	2.17	74	136350	54.006	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	176827	53.064	ug/l	99
10) Methyl Iodide	2.49	142	197438	49.617	ug/l	98
11) Tert butyl alcohol	3.01	59	279795	239.676	ug/l	99
12) 1,1-Dichloroethene	2.36	96	188199	53.355	ug/l	95
13) Acrolein	2.27	56	117909	237.436	ug/l	98
14) Allyl chloride	2.70	41	362135	55.826	ug/l	99
15) Acrylonitrile	3.11	53	634676	265.408	ug/l	98
16) Acetone	2.42	43	536534	269.002	ug/l	99
17) Carbon Disulfide	2.55	76	562406	53.692	ug/l	100
18) Methyl Acetate	2.75	43	270789	52.934	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	682811	53.909	ug/l	100
20) Methylene Chloride	2.83	84	217442	52.693	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	208295	53.387	ug/l	96
22) Diisopropyl ether	3.82	45	686684	55.104	ug/l	94
23) Vinyl Acetate	3.78	43	3048246	279.460	ug/l	99
24) 1,1-Dichloroethane	3.67	63	381984	54.309	ug/l	99
25) 2-Butanone	4.63	43	857783	253.808	ug/l	100
26) 2,2-Dichloropropane	4.55	77	338856	58.877	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	238509	52.842	ug/l	99
28) Bromochloromethane	4.98	49	173138	52.972	ug/l	98
29) Tetrahydrofuran	5.09	42	575646	263.644	ug/l	99
30) Chloroform	5.17	83	375187	52.941	ug/l	99
31) Cyclohexane	5.54	56	314035	49.630	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	333728	52.014	ug/l	100
36) 1,1-Dichloropropene	5.77	75	291398	54.147	ug/l	100
37) Ethyl Acetate	4.79	43	336021	52.007	ug/l	100
38) Carbon Tetrachloride	5.75	117	291286	51.504	ug/l	99

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Manual Integrations
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 5/29/2020 10:57:39 AM

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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	311079	53.218	ug/l	99
40) Benzene	6.11	78	864833	53.964	ug/l	99
41) Methacrylonitrile	5.00	41	188431	53.094	ug/l	97
42) 1,2-Dichloroethane	6.16	62	297920	52.273	ug/l	100
43) Isopropyl Acetate	6.41	43	540304	53.611	ug/l	99
44) Trichloroethene	7.18	130	266567	52.424	ug/l	97
45) 1,2-Dichloropropane	7.49	63	223400	54.756	ug/l	99
46) Dibromomethane	7.63	93	145804	53.206	ug/l	100
47) Bromodichloromethane	7.87	83	305625	53.863	ug/l	98
48) Methyl methacrylate	7.74	41	260474	53.979	ug/l	99
49) 1,4-Dioxane	7.71	88	105676	935.787	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1670404	266.187	ug/l	100
52) Toluene	8.76	92	543943	53.823	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	364071	56.427	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	381227	55.822	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	215792	53.704	ug/l	99
56) Ethyl methacrylate	9.16	69	369037	56.392	ug/l	99
57) 1,3-Dichloropropane	9.35	76	369534	53.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	889784	260.494	ug/l	100
59) 2-Hexanone	9.47	43	1311834	268.817	ug/l	100
60) Dibromochloromethane	9.57	129	246770	54.572	ug/l	100
61) 1,2-Dibromoethane	9.65	107	231547	53.812	ug/l	100
64) Tetrachloroethene	9.32	164	300996	52.875	ug/l	99
65) Chlorobenzene	10.12	112	571960	55.138	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	218981	55.302	ug/l	99
67) Ethyl Benzene	10.23	91	1007999	54.578	ug/l	98
68) m/p-Xylenes	10.34	106	757303	110.592	ug/l	99
69) o-Xylene	10.68	106	364401	54.948	ug/l	98
70) Styrene	10.70	104	645509	56.629	ug/l	100
71) Bromoform	10.84	173	187752	56.103	ug/l	100
73) Isopropylbenzene	11.00	105	928835	55.446	ug/l	100
74) N-amyl acetate	10.88	43	465041	60.352	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	243926	58.099	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	311652m	58.644	ug/l	
77) Bromobenzene	11.24	156	247806	56.400	ug/l	100
78) n-propylbenzene	11.34	91	1061501	56.717	ug/l	99
79) 2-Chlorotoluene	11.40	91	645570	56.510	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	777940	55.616	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	127939	59.219	ug/l	95
82) 4-Chlorotoluene	11.49	91	756127	56.049	ug/l	100
83) tert-Butylbenzene	11.76	119	663947	55.551	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	784476	55.455	ug/l	100
85) sec-Butylbenzene	11.93	105	855182	57.038	ug/l	100
86) p-Isopropyltoluene	12.05	119	811034	57.746	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	412411	54.178	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	424892	54.576	ug/l	100
89) n-Butylbenzene	12.37	91	700382	59.870	ug/l	99
90) Hexachloroethane	12.58	117	135853	56.000	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	405655	55.004	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	72668	53.436	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	274923	56.130	ug/l	99
94) Hexachlorobutadiene	13.77	225	116674	60.671	ug/l	99
95) Naphthalene	13.82	128	929997	55.387	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	270116	56.291	ug/l	98

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



#1

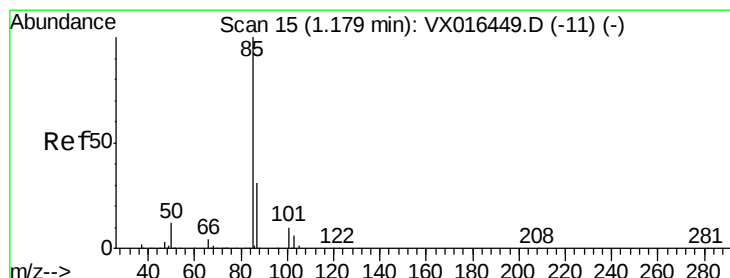
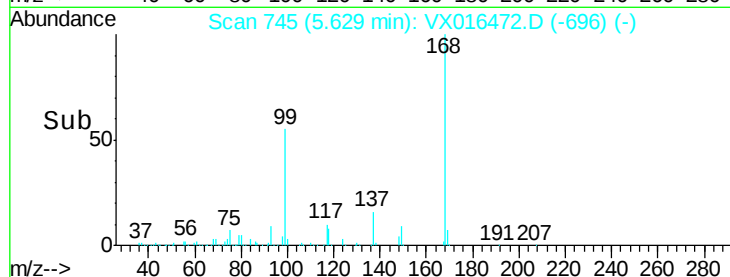
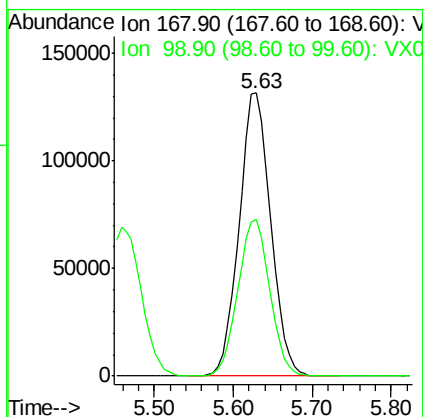
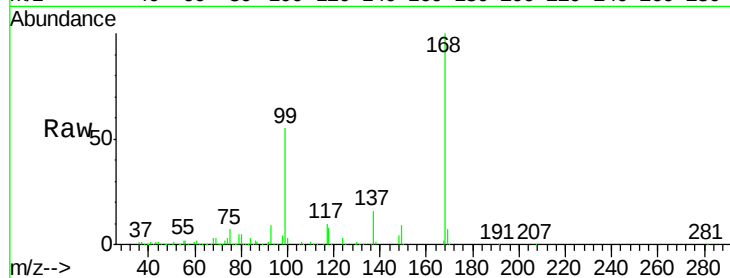
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX016472.D
 Acq: 28 May 2020 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
99	55.3	45.2	67.8	

Manual Integrations
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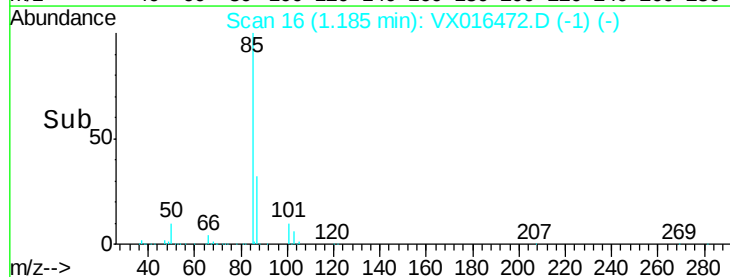
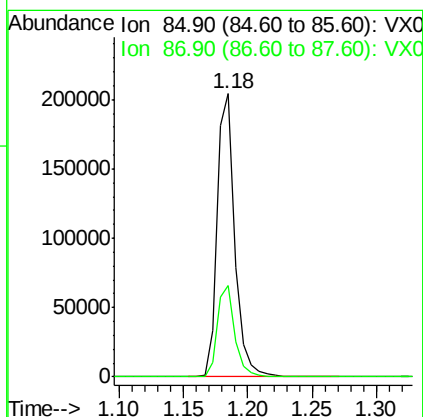
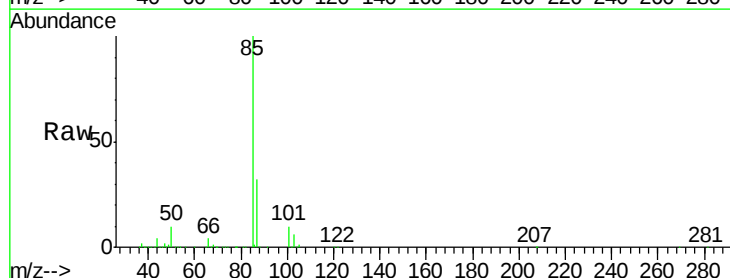
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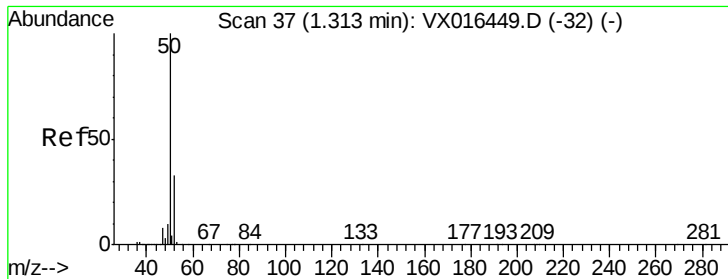


#2

Dichlorodifluoromethane
 Concen: 54.802 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.01 min
 Lab File: VX016472.D
 Acq: 28 May 2020 09:55

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	32.2	15.4	46.2	





#3

Chloromethane

Concen: 52.584 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 229244

Ion Ratio Lower Upper

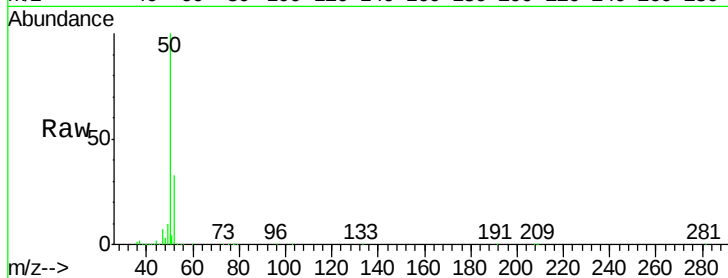
50 100

52 33.2 26.2 39.2

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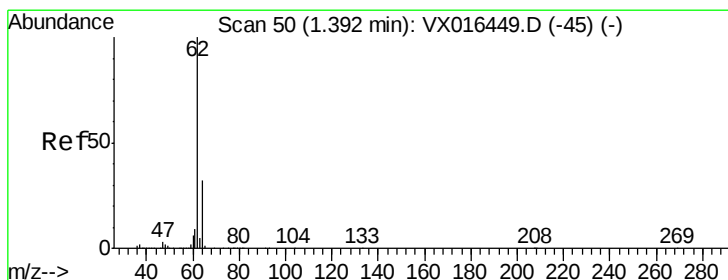
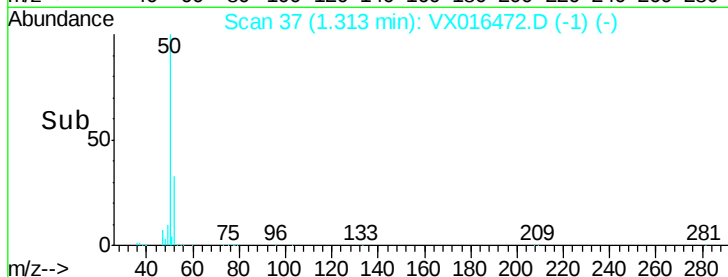
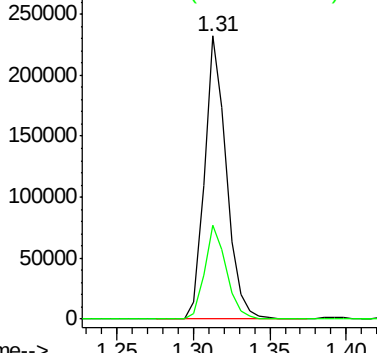
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.322 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016472.D

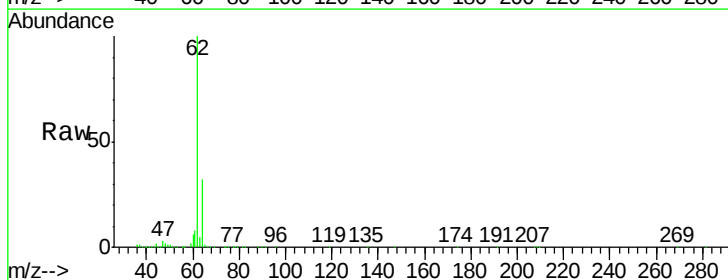
Acq: 28 May 2020 09:55

Tgt Ion: 62 Resp: 250443

Ion Ratio Lower Upper

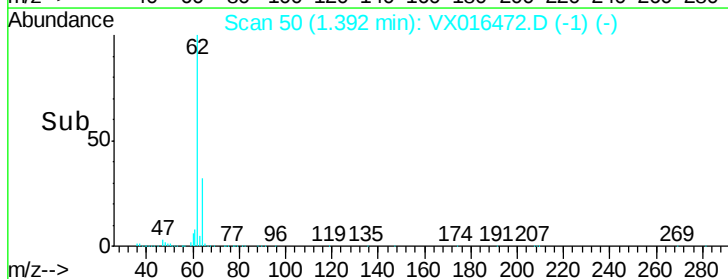
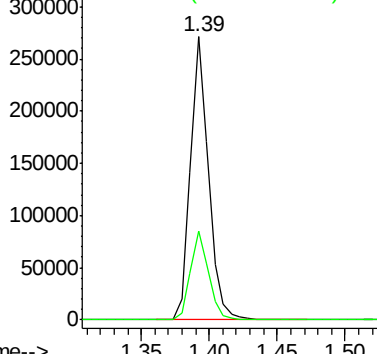
62 100

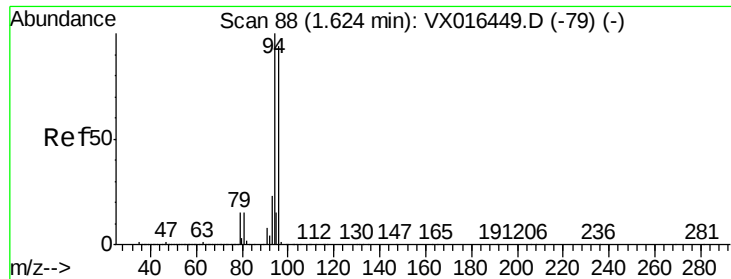
64 31.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.776 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 111580

Ion Ratio Lower Upper

94 100

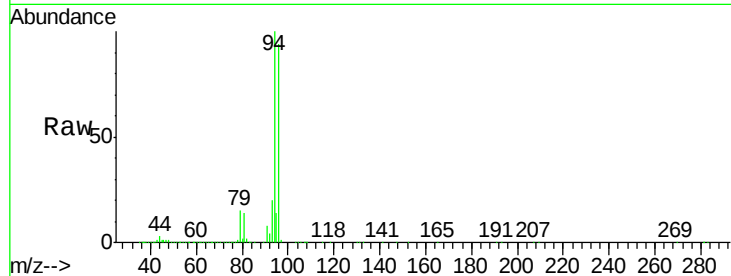
96 93.7 75.1 112.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

100000

80000

60000

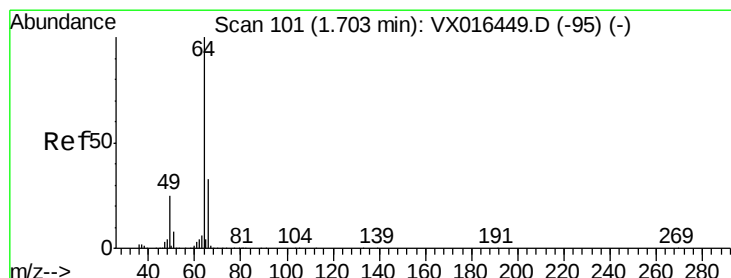
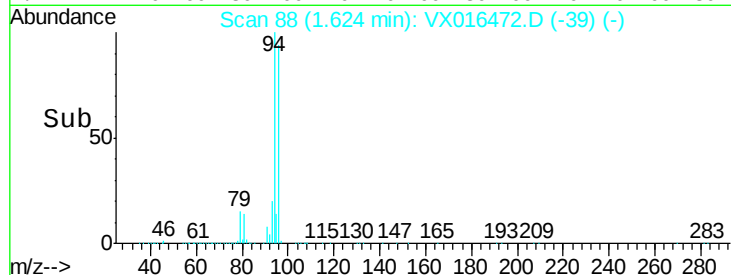
40000

20000

0

1.60 1.65

Time-->



#6

Chloroethane

Concen: 55.739 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016472.D

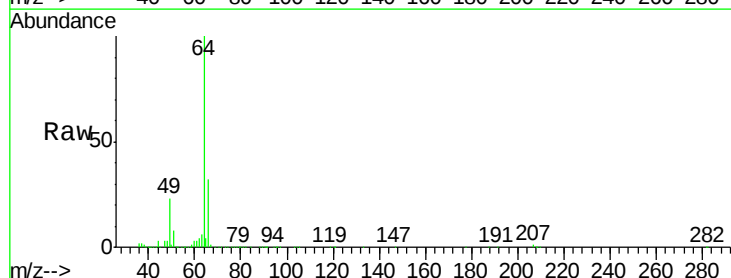
Acq: 28 May 2020 09:55

Tgt Ion: 64 Resp: 149903

Ion Ratio Lower Upper

64 100

66 31.7 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

120000

100000

80000

60000

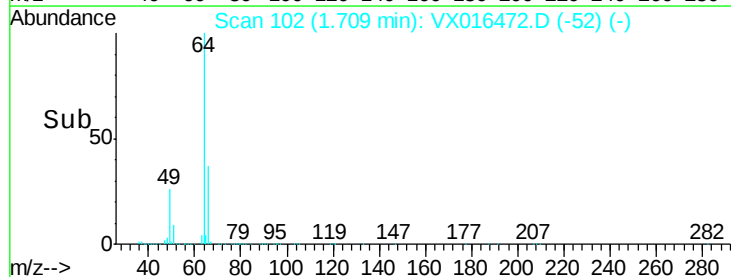
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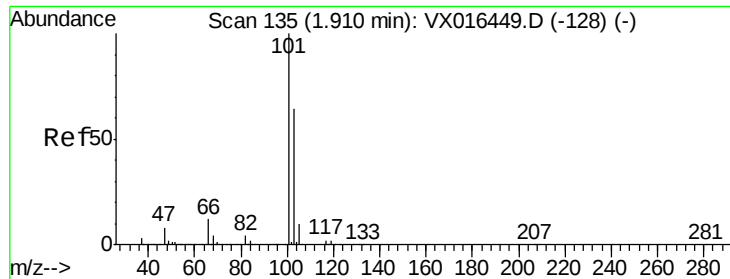
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1.60 1.70 1.80

Time-->





#7

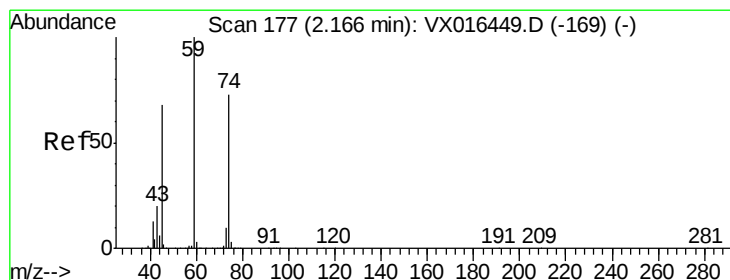
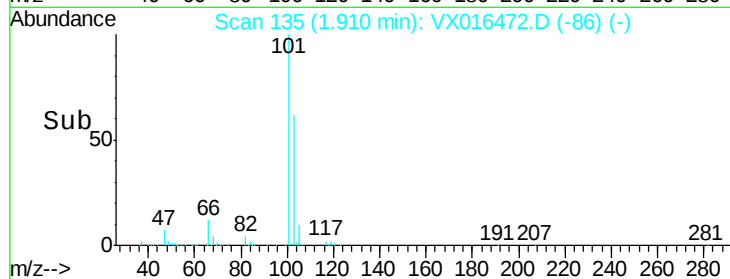
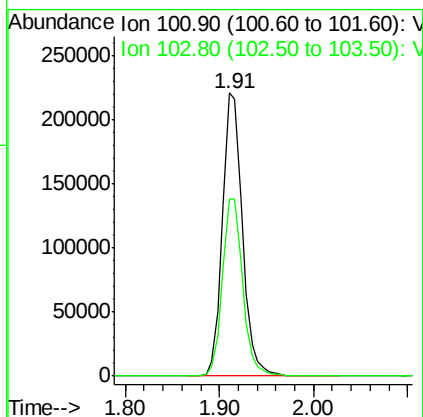
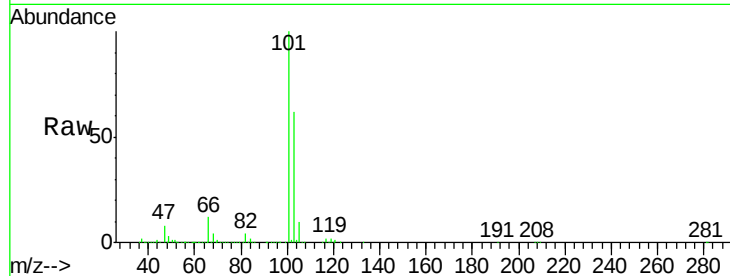
Trichlorofluoromethane
 Concen: 53.724 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016472.D
 Acq: 28 May 2020 09:55

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	50.9	76.3

Manual Integrations
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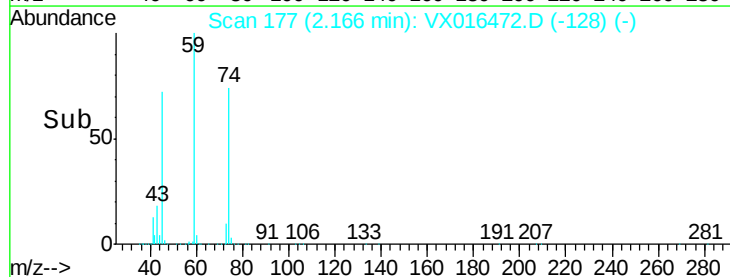
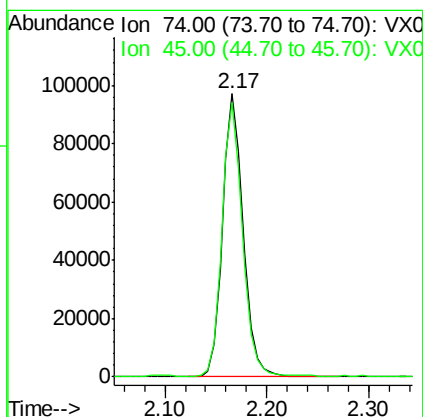
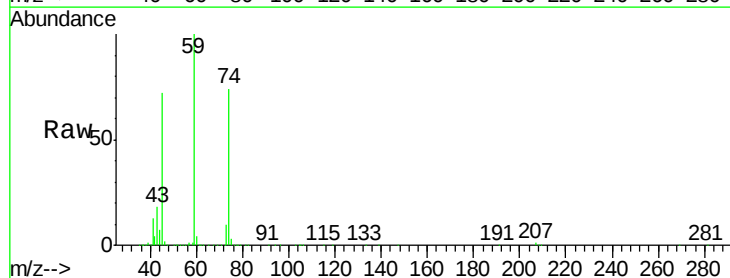
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 5/29/2020 10:57:39 AM



#8

Diethyl Ether
 Concen: 54.006 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016472.D
 Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.3	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.064 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

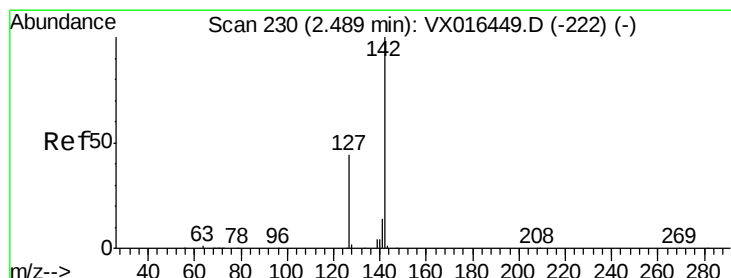
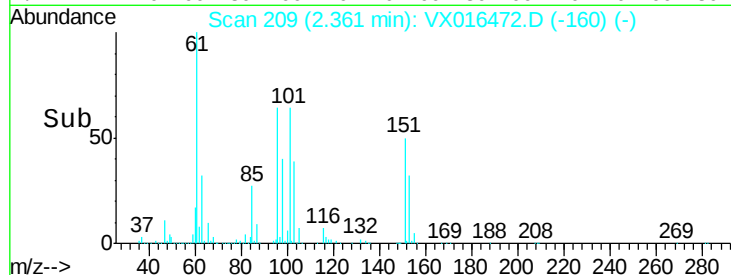
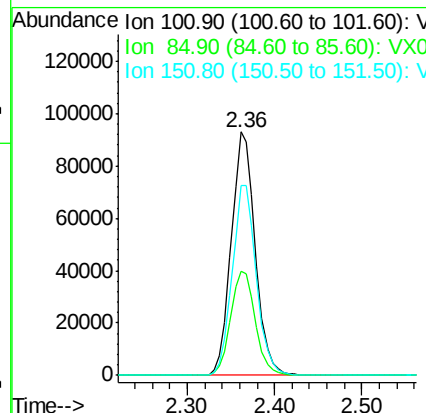
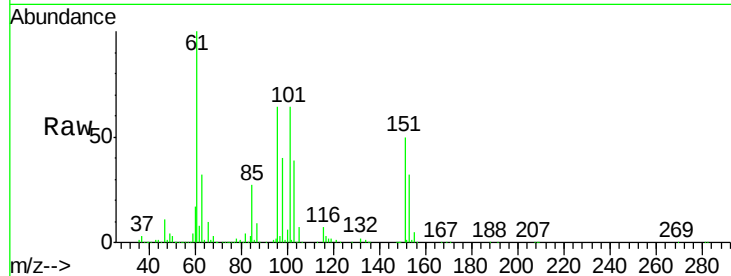
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	176827
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.4	51.6
151	78.8	63.8	95.6

Manual Integrations
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5/29/2020 10:57:39 AM



#10

Methyl Iodide

Concen: 49.617 ug/l

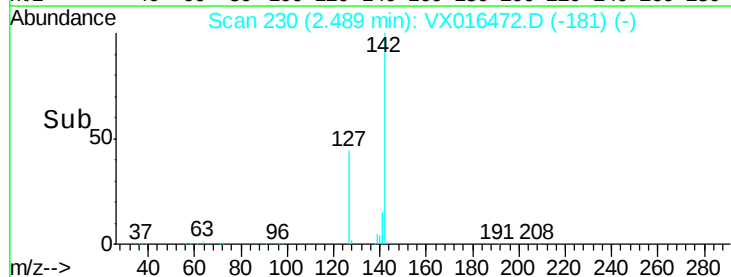
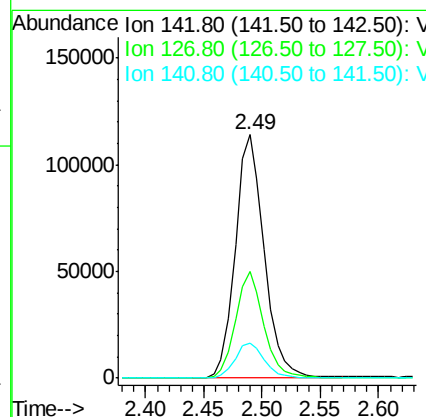
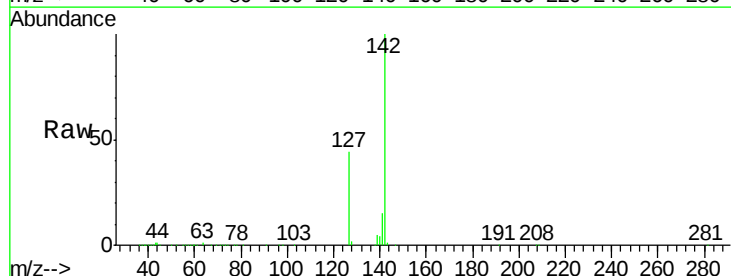
RT: 2.49 min Scan# 230

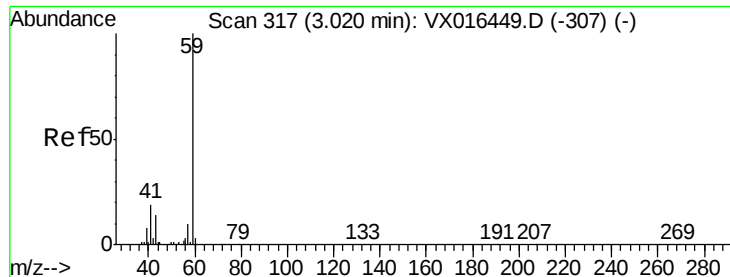
Delta R.T. 0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Tgt Ion:	142	Resp:	197438
Ion Ratio	Lower	Upper	
142	100		
127	42.9	35.3	52.9
141	14.6	11.4	17.2





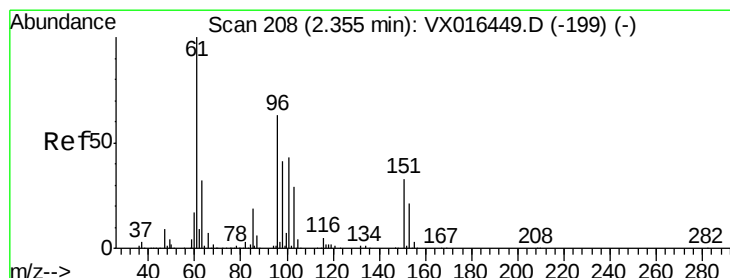
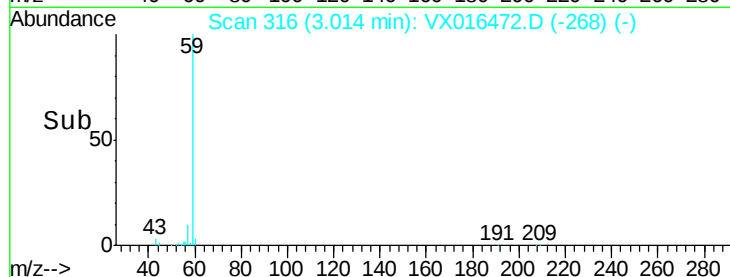
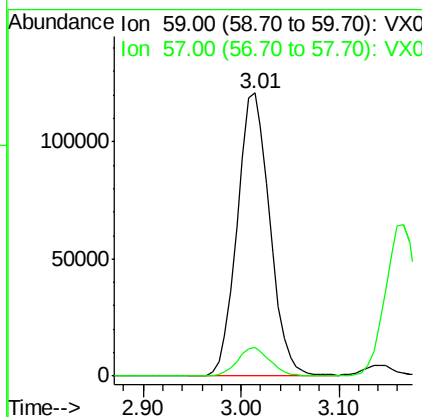
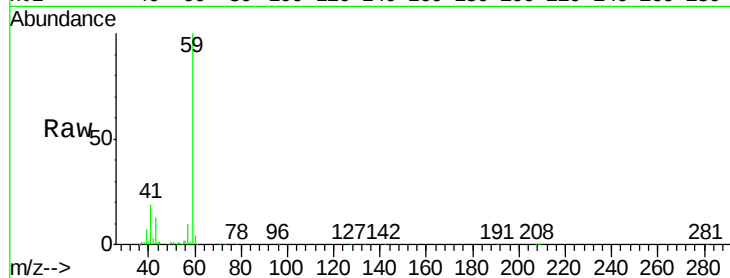
#11
Tert butyl alcohol
Concen: 239.676 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.4

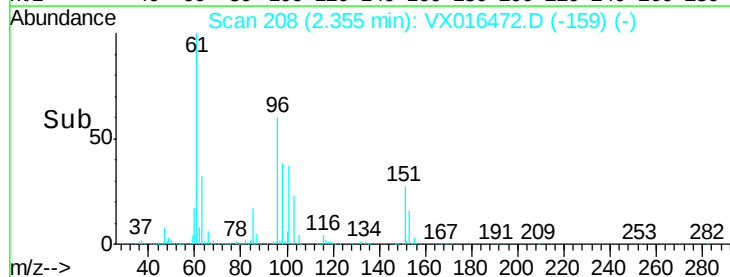
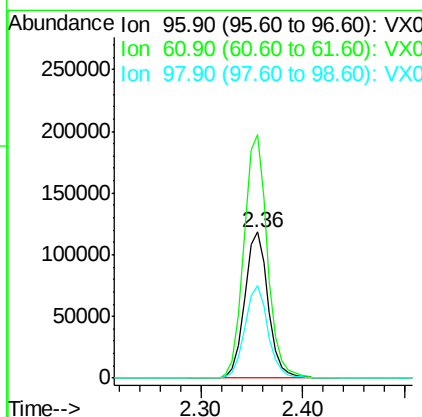
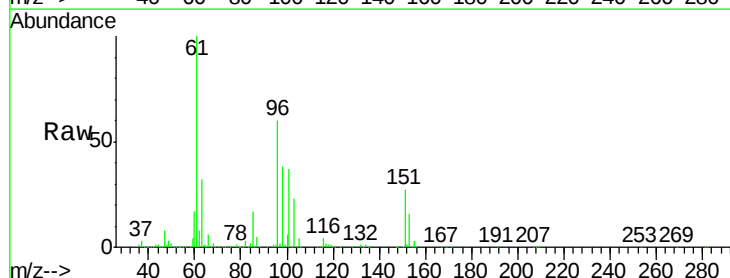
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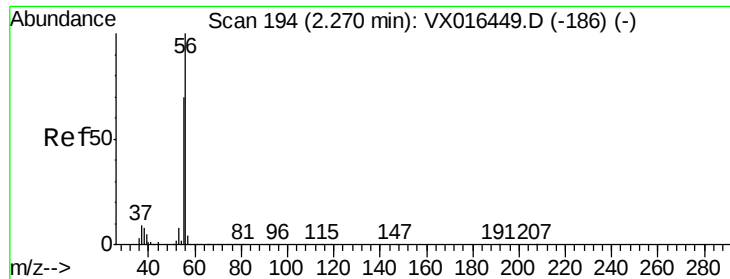
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5/29/2020 10:57:39 AM



#12
1,1-Dichloroethene
Concen: 53.355 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.7	126.6	189.8
98	63.8	51.3	76.9





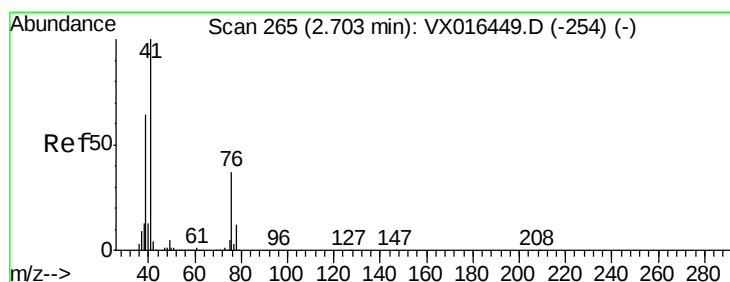
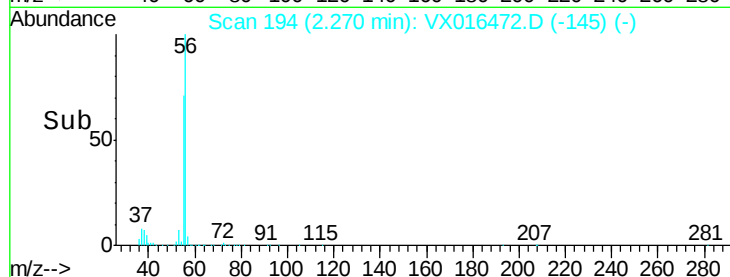
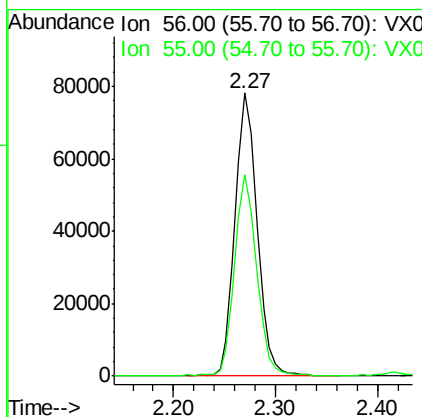
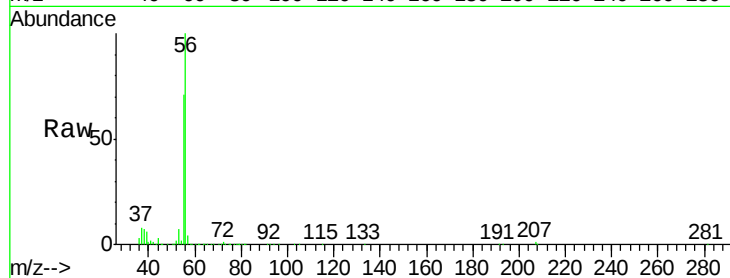
#13
Acrolein
Concen: 237.436 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	117909
Ion Ratio	100	Lower	Upper
55	71.0	58.3	87.5

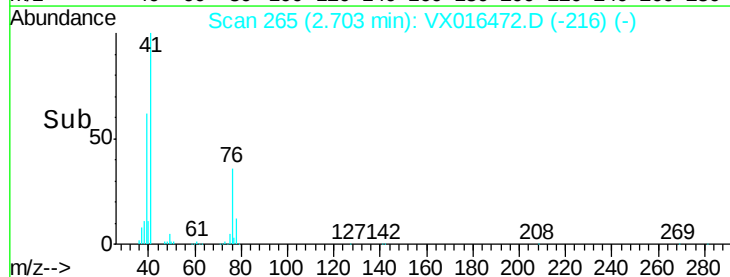
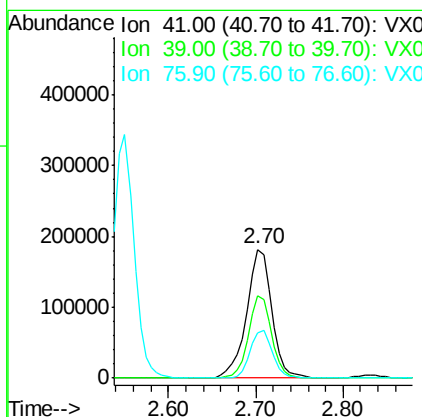
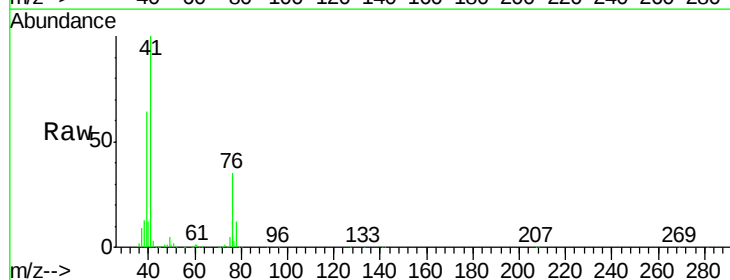
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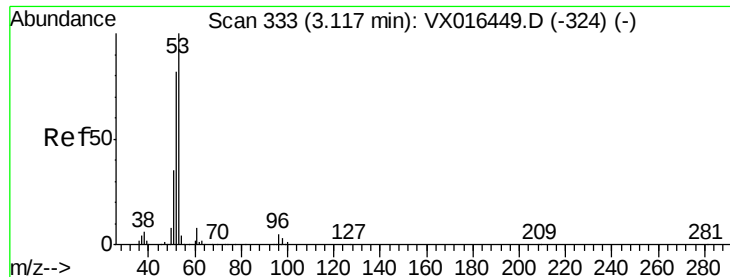
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#14
Allyl chloride
Concen: 55.826 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion	41	Resp	362135
Ion Ratio	100	Lower	Upper
39	58.6	47.7	71.5
76	33.1	26.6	40.0





#15

Acrylonitrile

Concen: 265.408 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

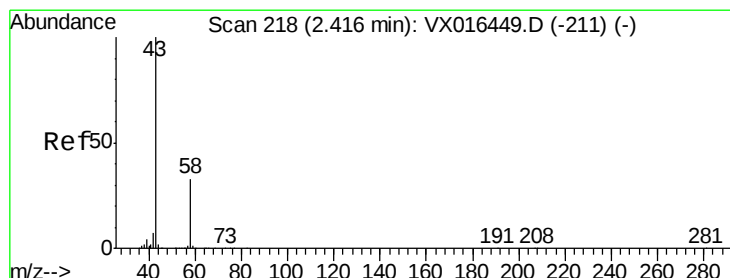
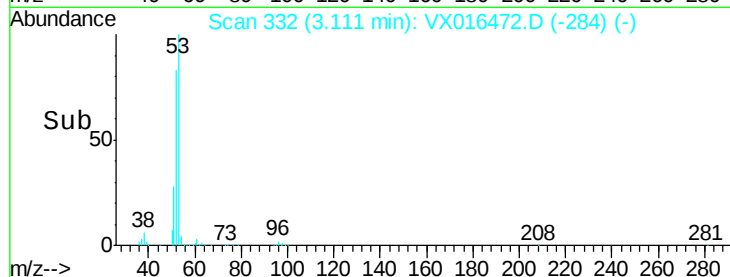
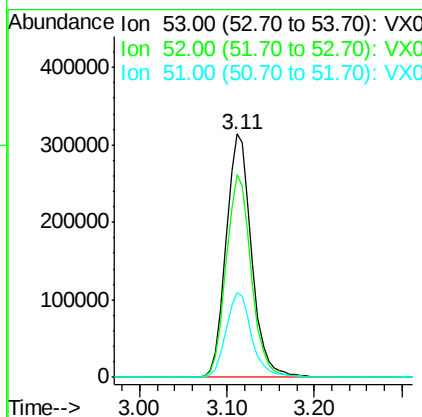
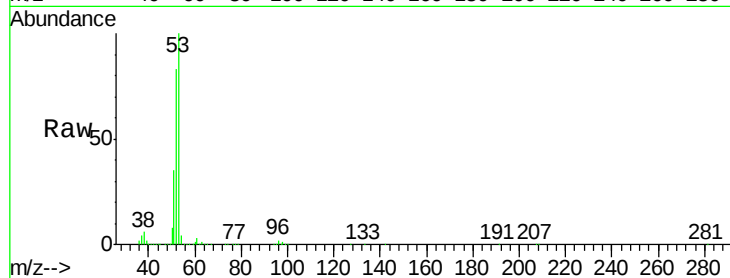
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	634676
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.7	100.1
51	35.1	28.6	43.0

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#16

Acetone

Concen: 269.002 ug/l

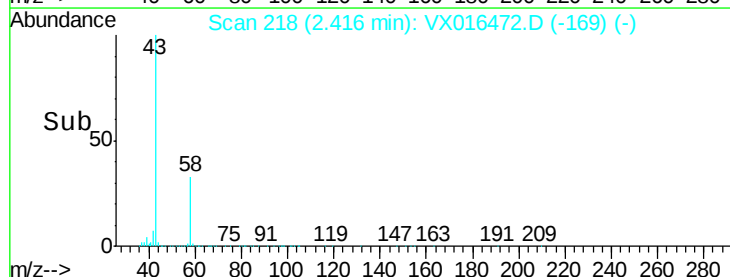
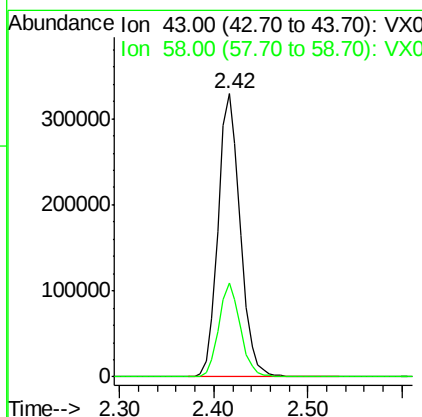
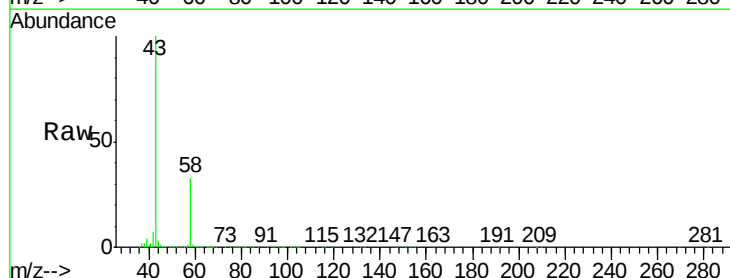
RT: 2.42 min Scan# 218

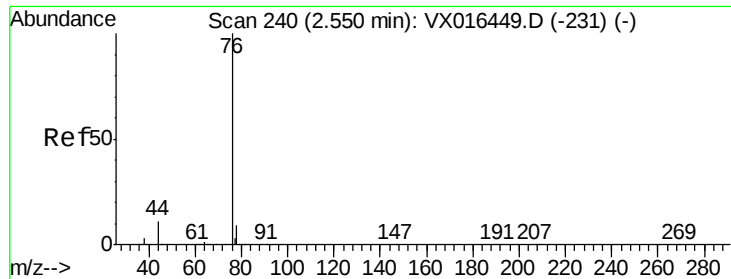
Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Tgt Ion:	43	Resp:	536534
Ion	Ratio	Lower	Upper
43	100		
58	33.1	26.1	39.1





#17

Carbon Disulfide

Concen: 53.692 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 562406

Ion Ratio Lower Upper

76 100

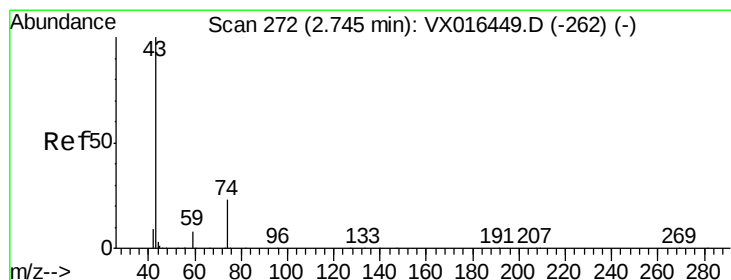
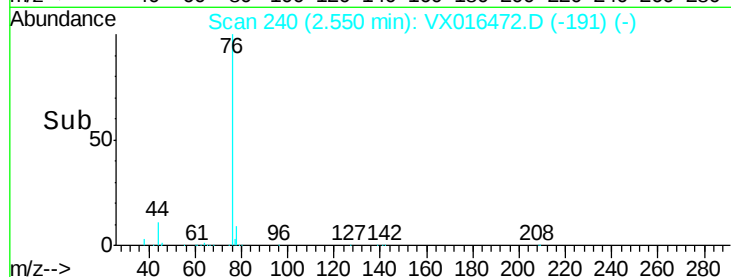
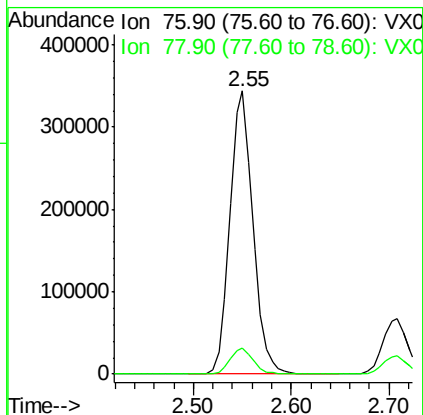
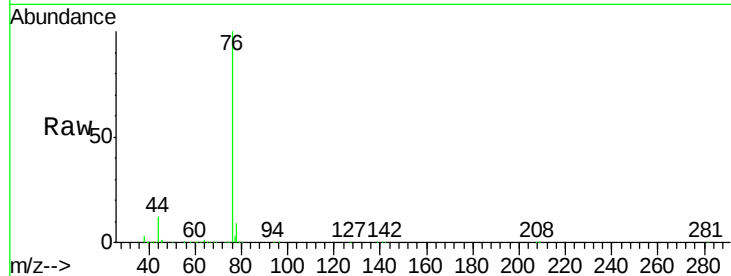
78 9.3 7.4 11.0

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#18

Methyl Acetate

Concen: 52.934 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016472.D

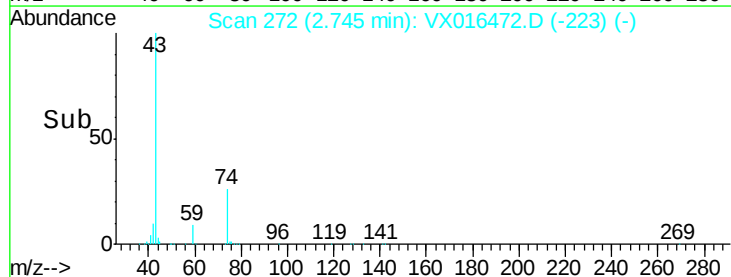
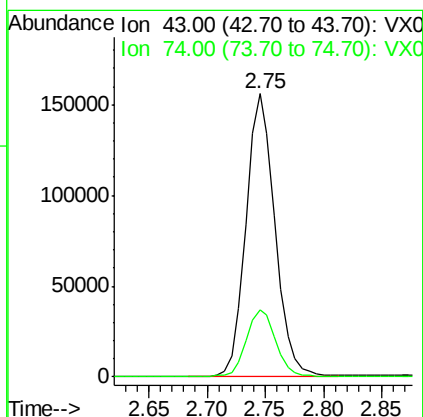
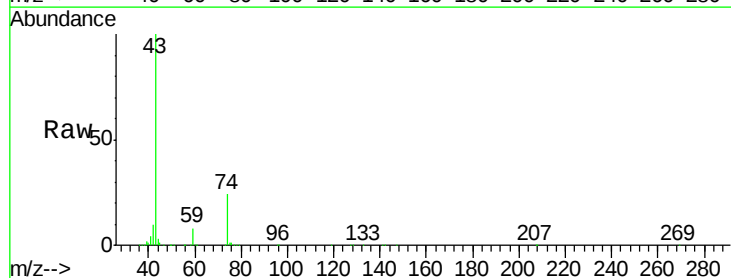
Acq: 28 May 2020 09:55

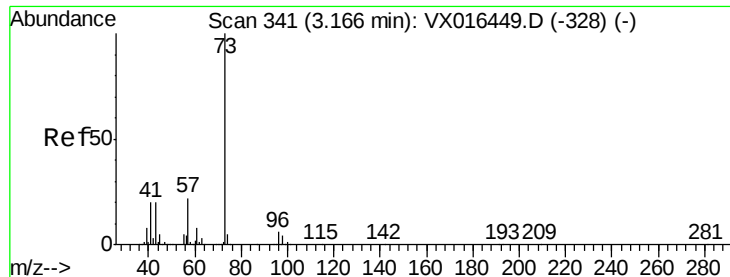
Tgt Ion: 43 Resp: 270789

Ion Ratio Lower Upper

43 100

74 24.7 19.7 29.5





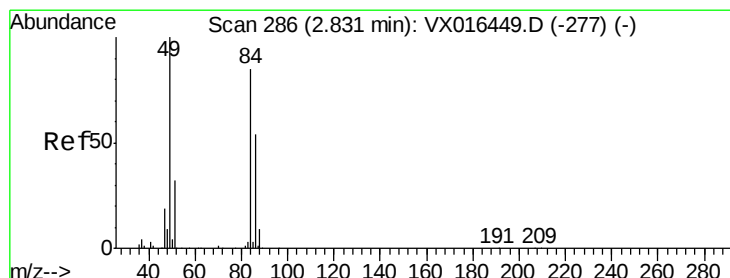
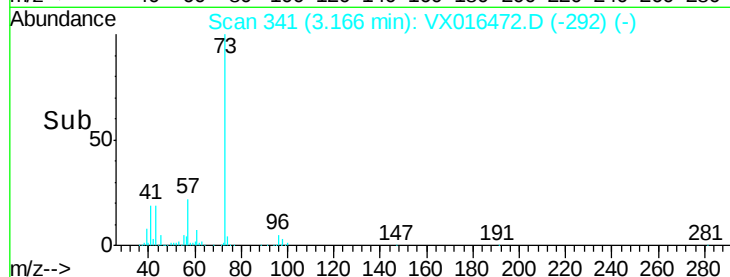
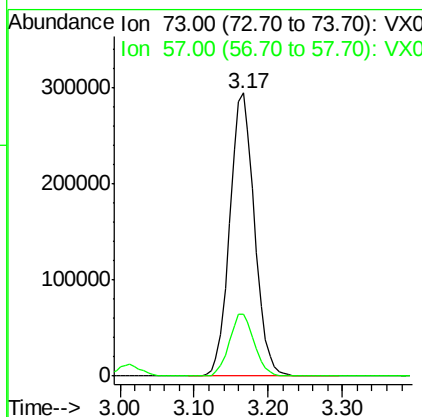
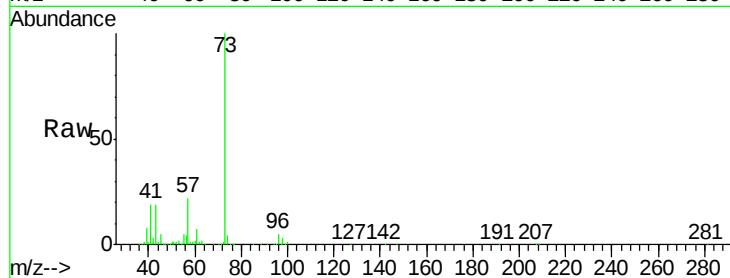
#19
Methvl tert-butvl Ether
Concen: 53.909 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.8	26.6

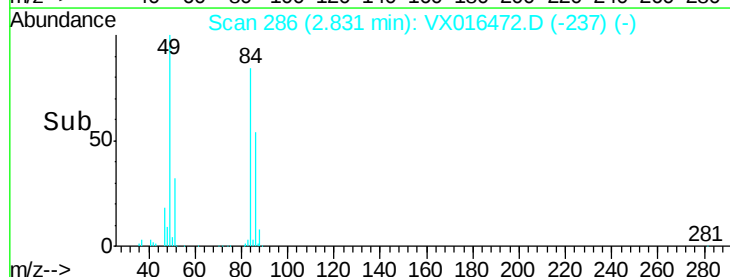
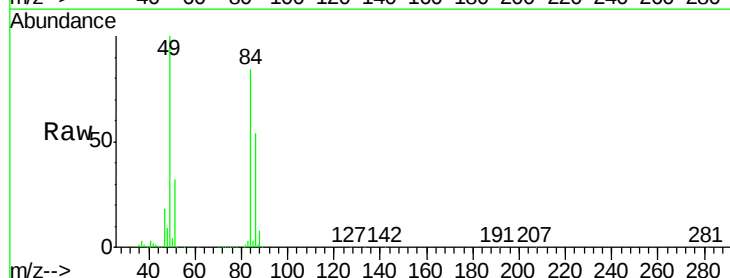
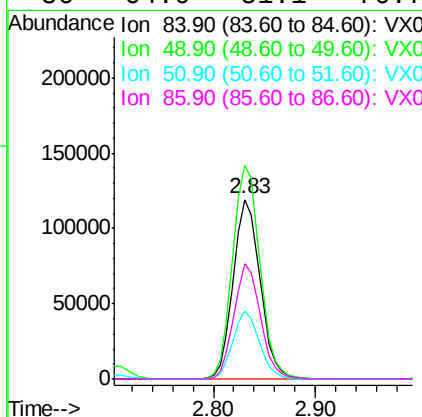
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#20
Methylene Chloride
Concen: 52.693 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.0	94.5	141.7
51	37.5	30.2	45.4
86	64.0	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 53.387 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

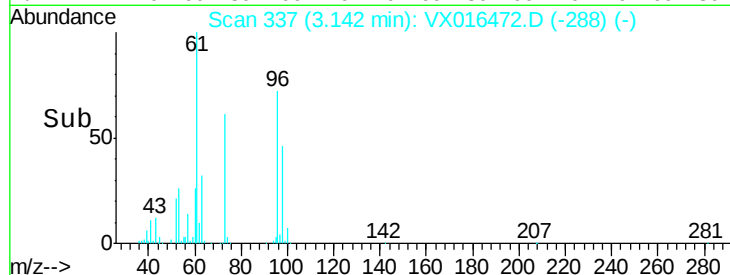
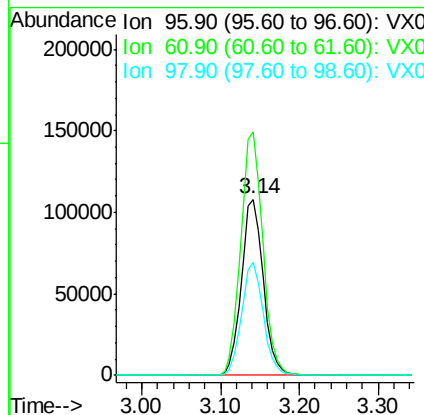
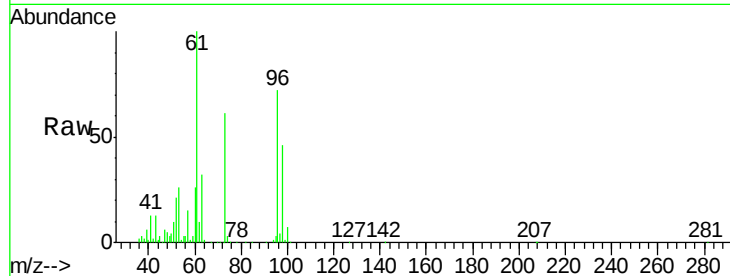
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	208295
Ion Ratio	Lower	Upper	
96	100		
61	138.0	115.3	172.9
98	63.8	51.9	77.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.104 ug/l

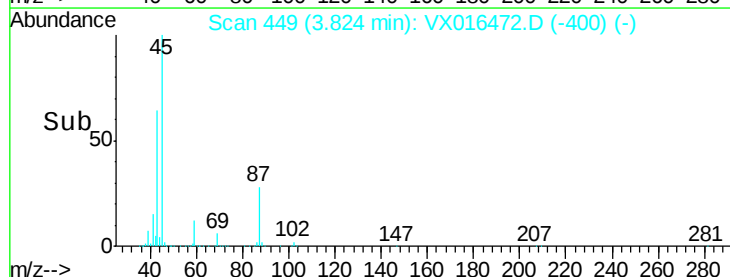
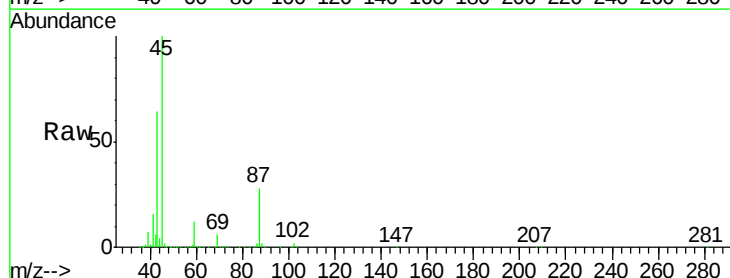
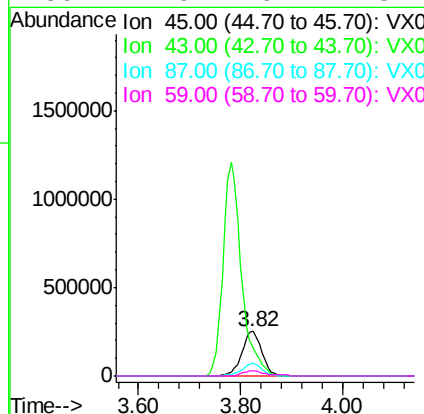
RT: 3.82 min Scan# 449

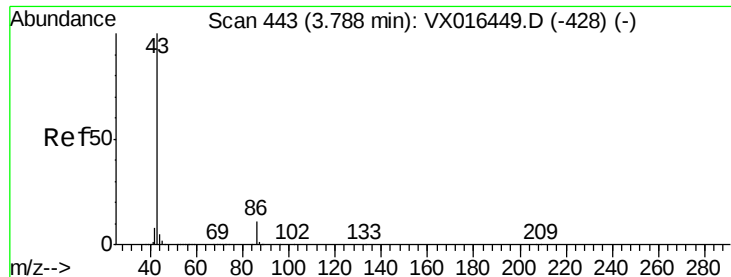
Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Tgt Ion:	45	Resp:	686684
Ion Ratio	Lower	Upper	
45	100		
43	64.3	57.0	85.6
87	27.6	22.5	33.7
59	11.9	9.1	13.7





#23

Vinyl Acetate

Concen: 279.460 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3048246

Ion Ratio Lower Upper

43 100

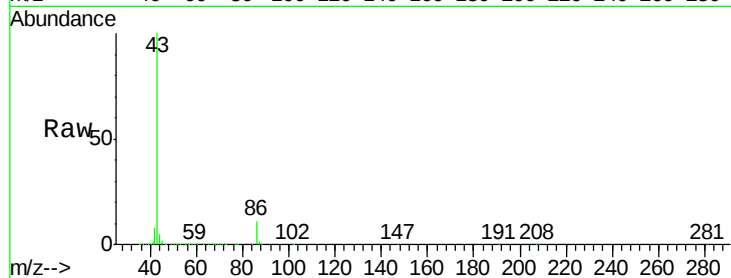
86 11.1 8.6 13.0

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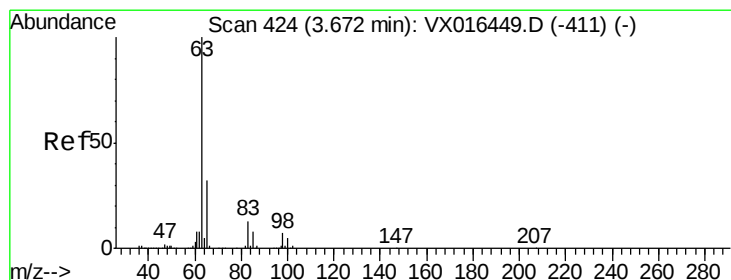
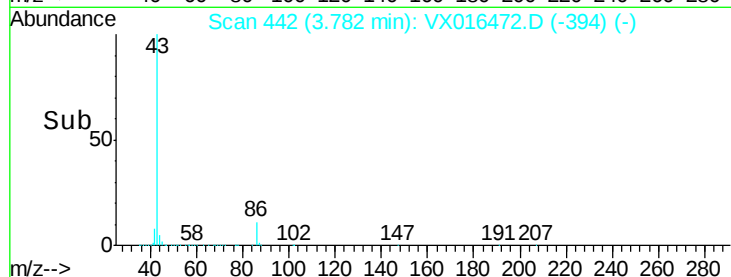
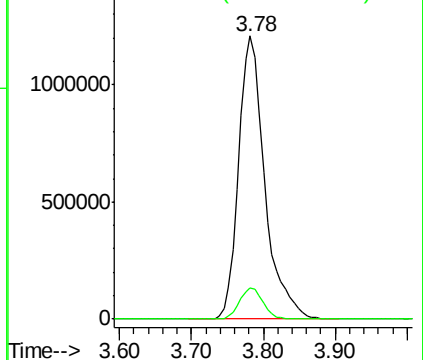
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.309 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

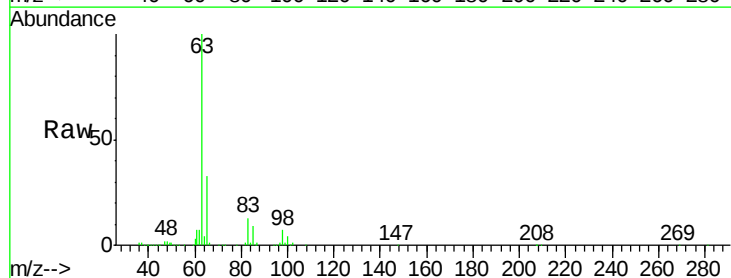
Tgt Ion: 63 Resp: 381984

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

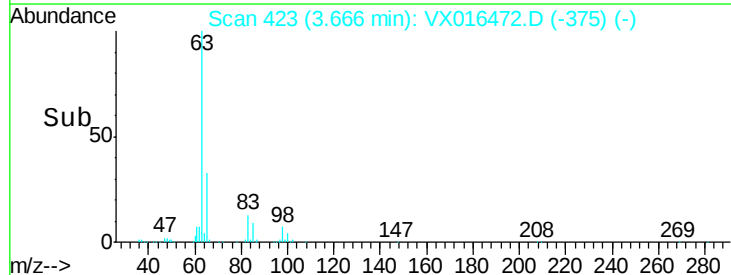
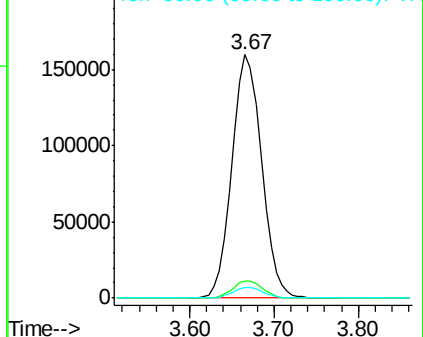
100 4.4 2.4 7.1

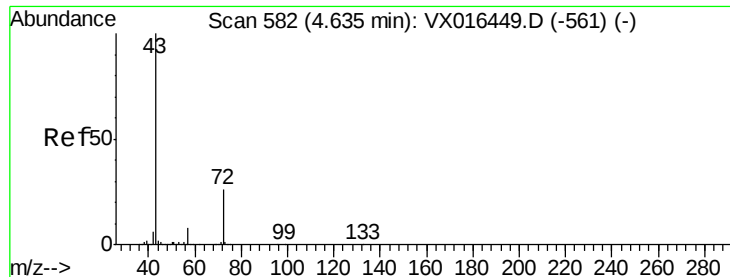


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 253.808 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 857783

Ion Ratio Lower Upper

43 100

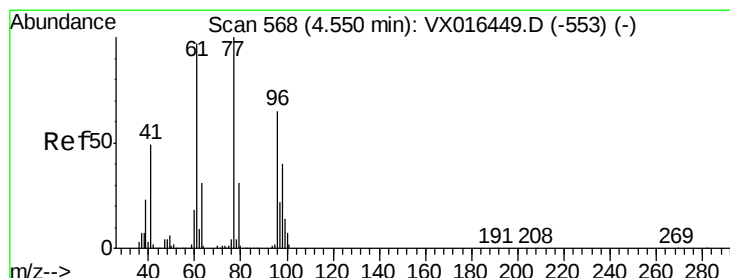
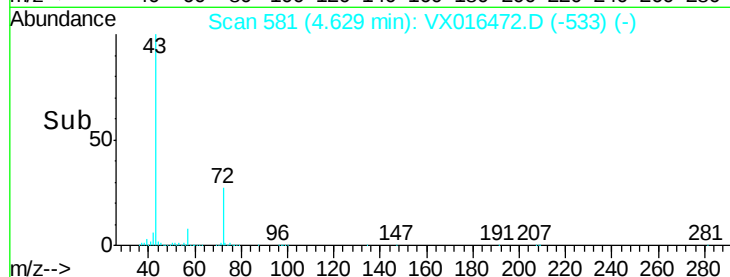
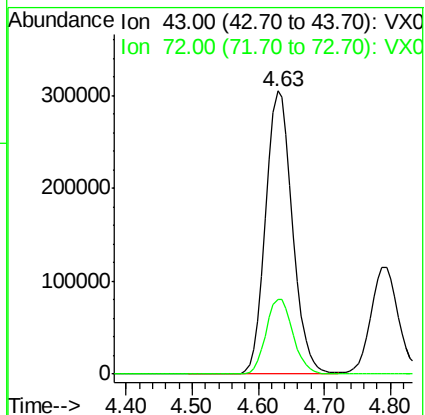
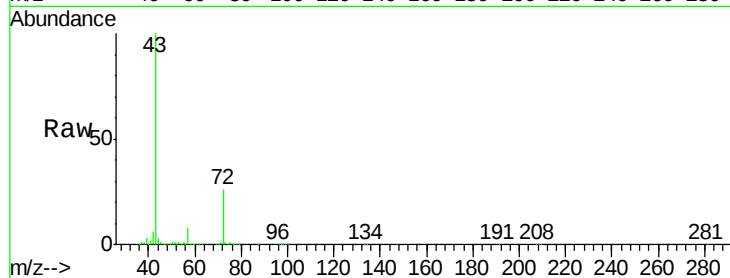
72 26.5 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 58.877 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016472.D

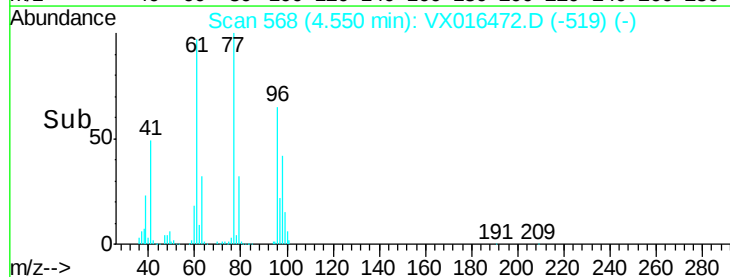
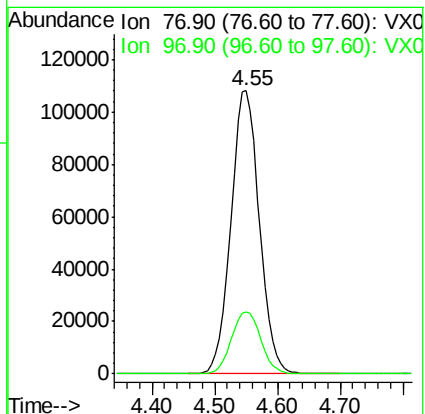
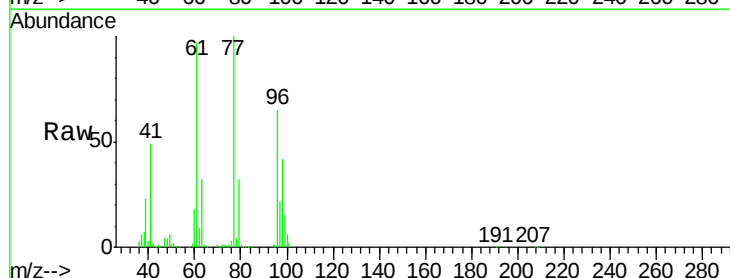
Acq: 28 May 2020 09:55

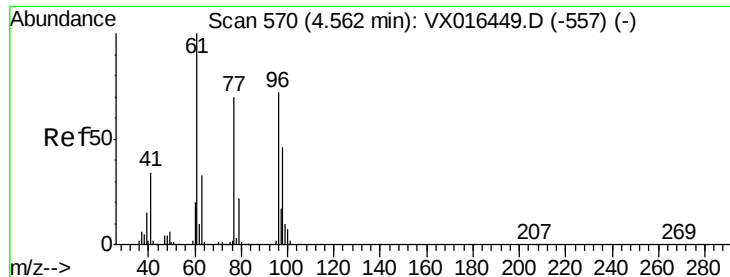
Tgt Ion: 77 Resp: 338856

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4





#27

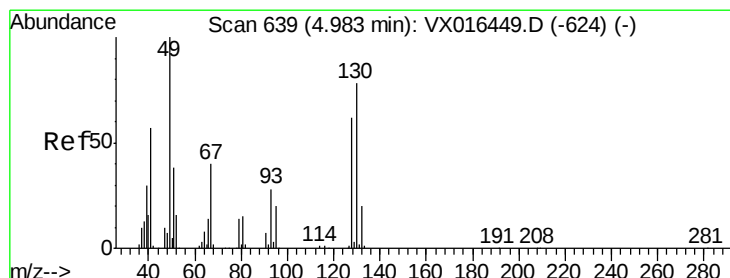
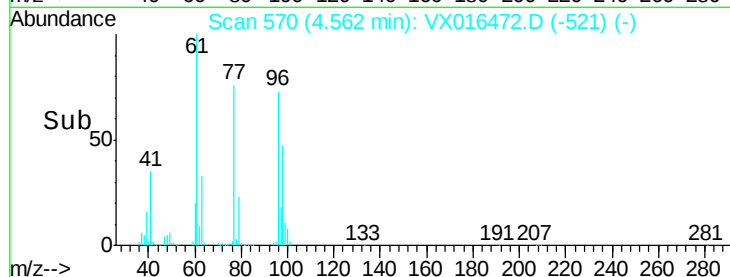
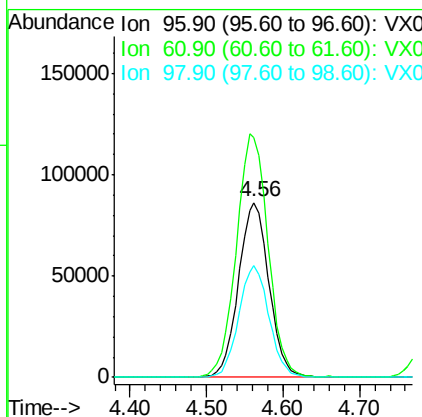
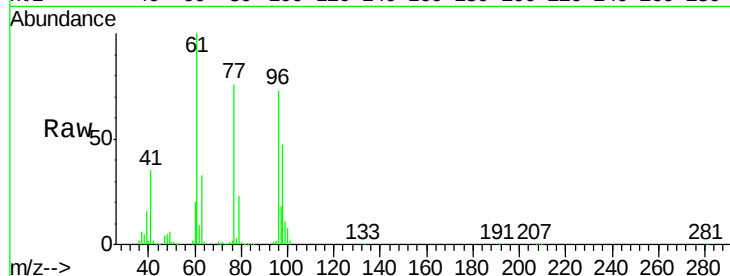
cis-1,2-Dichloroethene
Concen: 52.842 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	238509		
61	144.4	0.0	284.6	
98	63.6	0.0	127.2	

Manual Integrations
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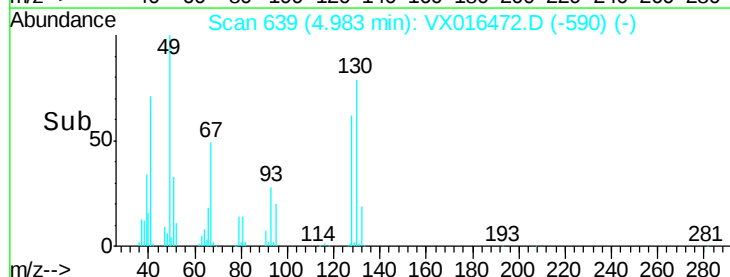
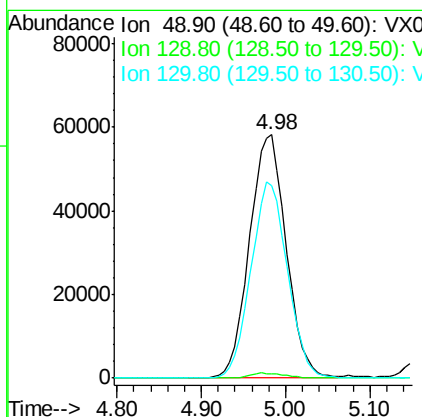
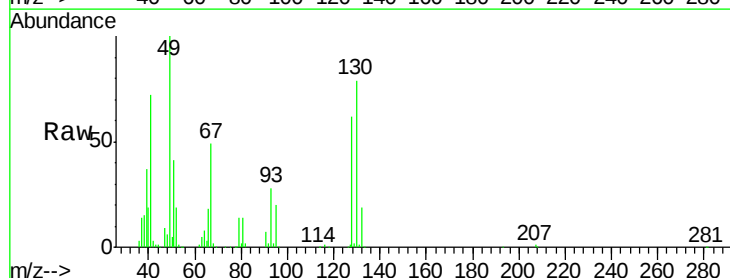
MMDadoda
5/29/2020 10:57:39 AM

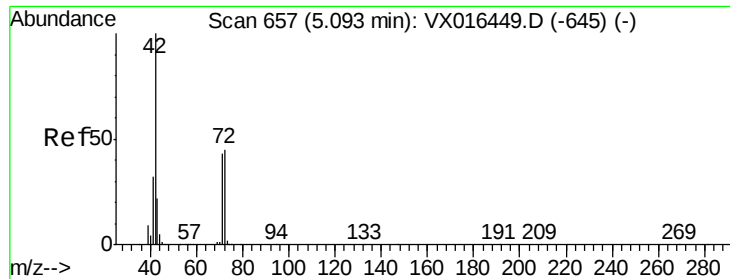


#28

Bromochloromethane
Concen: 52.972 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	173138		
129	2.0	0.0	4.0	
130	80.3	63.0	94.4	





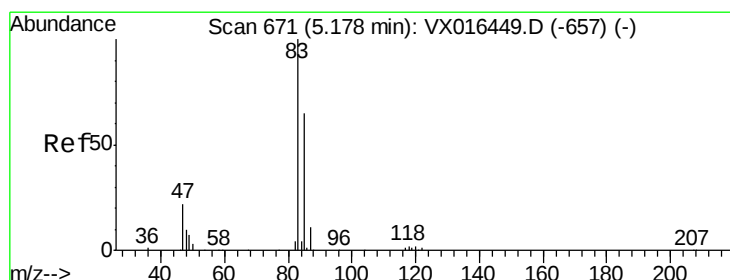
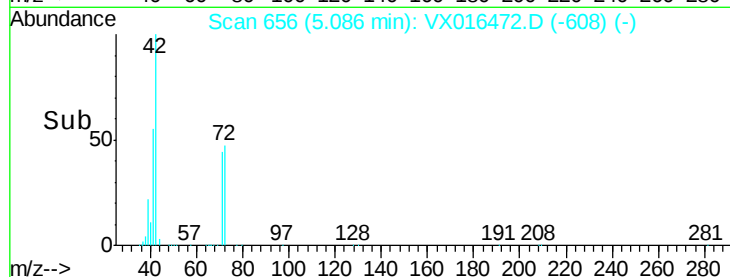
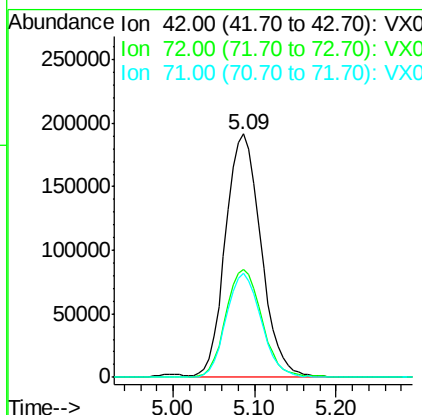
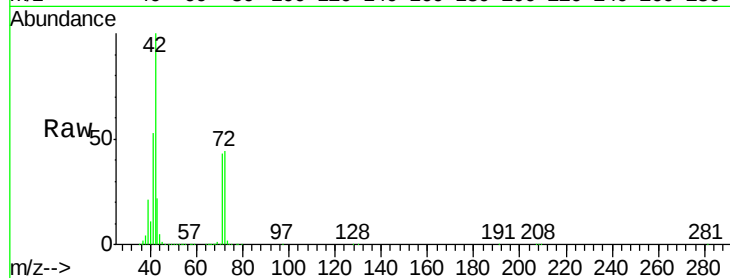
#29
Tetrahydrofuran
Concen: 263.644 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	45.5	37.0	55.4	
71	42.4	34.1	51.1	

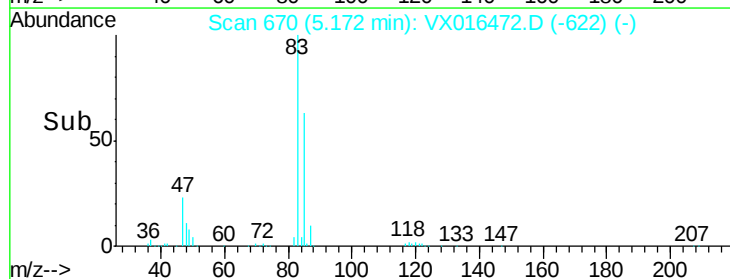
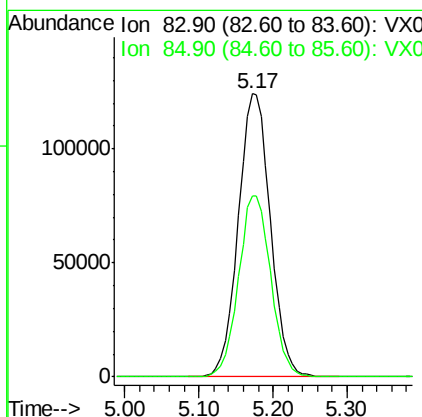
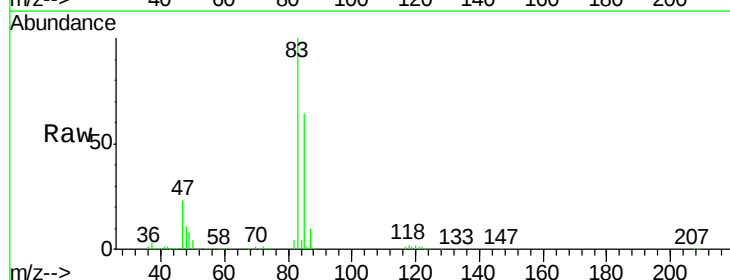
Manual Integrations
APPROVED

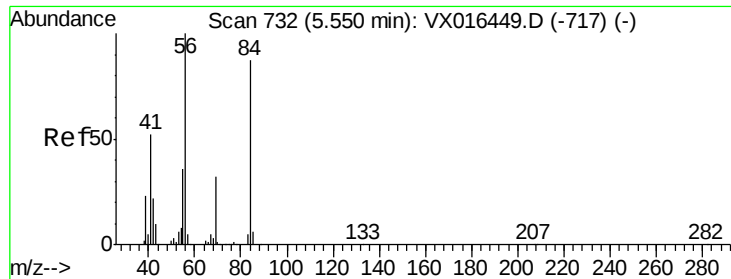
MMDadoda
5/29/2020 10:57:39 AM



#30
Chloroform
Concen: 52.941 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.0	52.0	78.0	





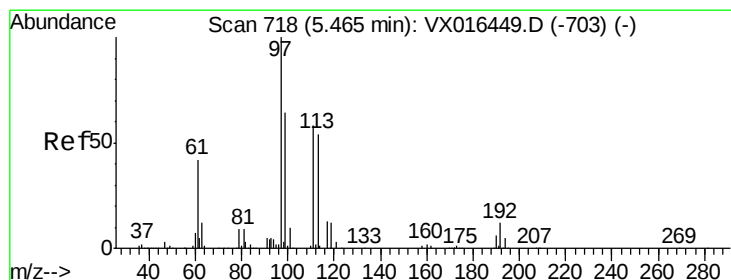
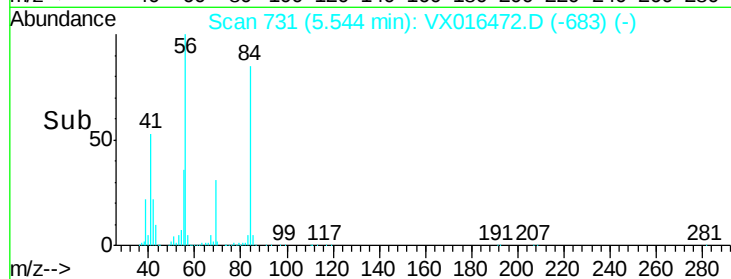
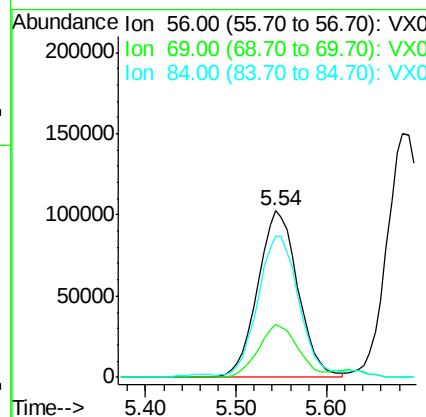
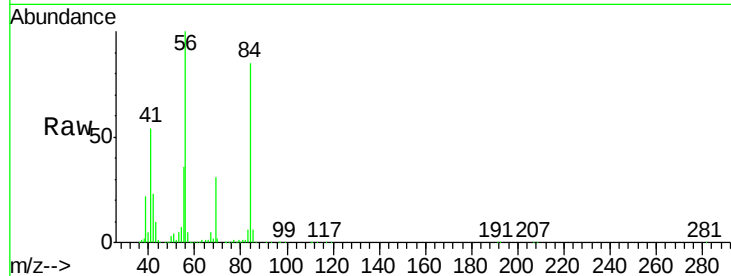
#31
Cyclohexane
Concen: 49.630 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.7	38.5
84	83.1	70.0	105.0

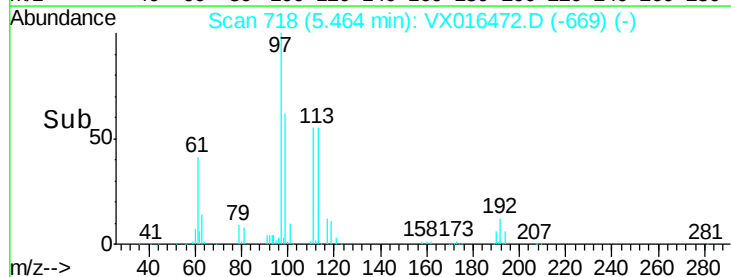
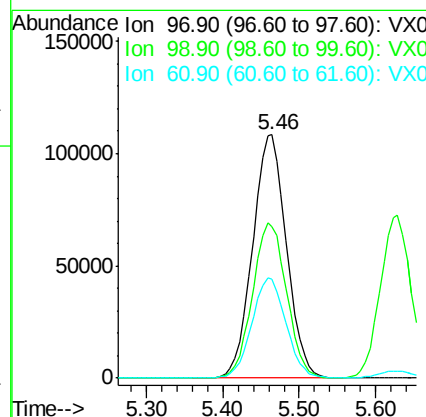
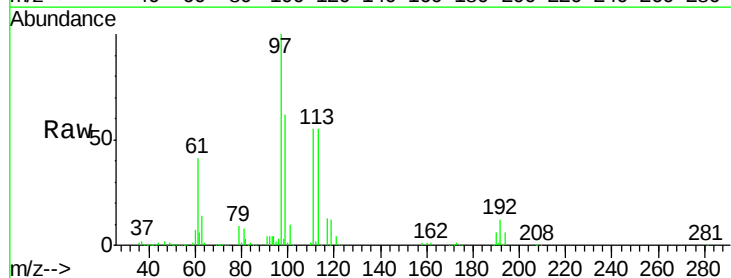
Manual Integrations
APPROVED

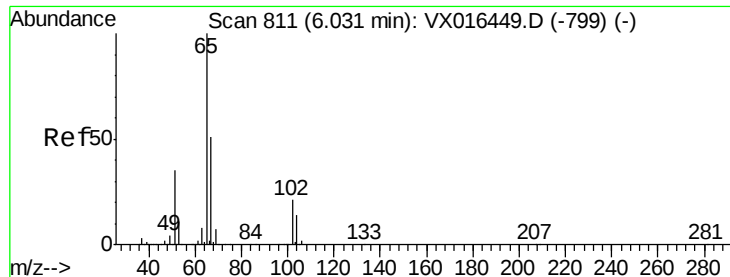
MMDadoda
5/29/2020 10:57:39 AM



#32
1,1,1-Trichloroethane
Concen: 52.014 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	41.6	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 46.498 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Tot Ion: 65 Resp: 211680

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8

Instrument :

MSVOA_X

ClientSampleId :

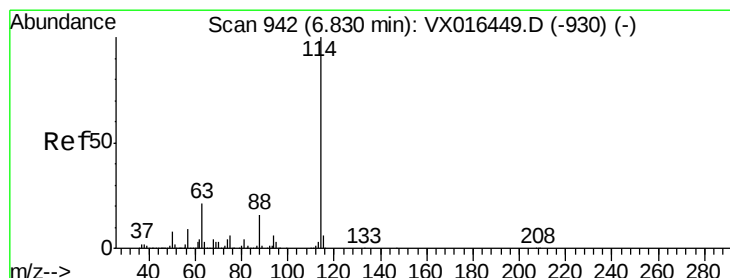
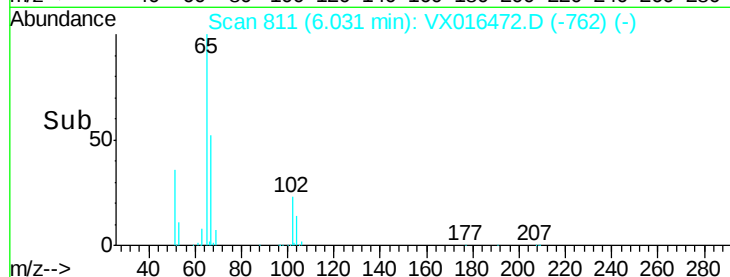
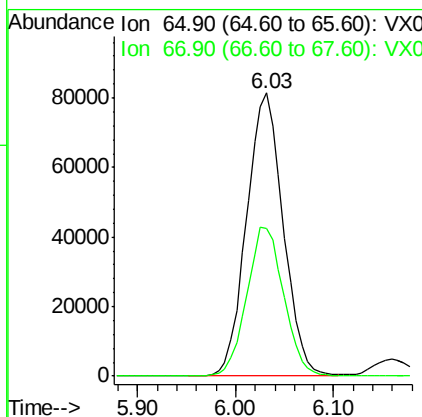
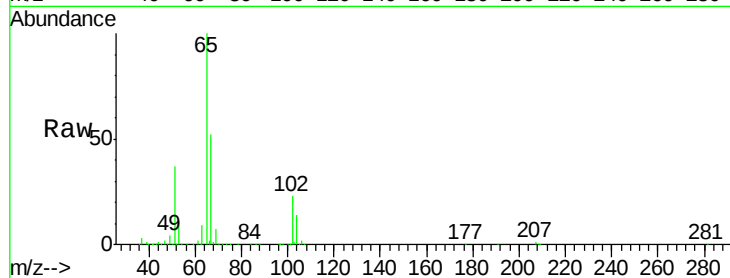
VSTDCCC050

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

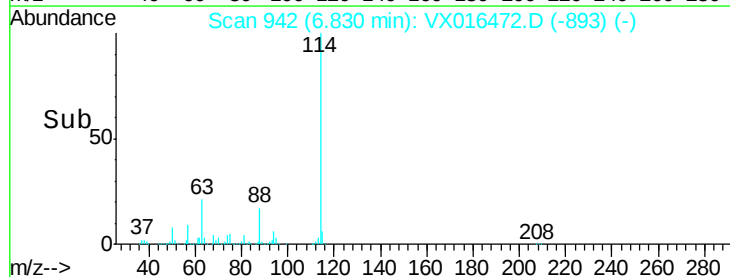
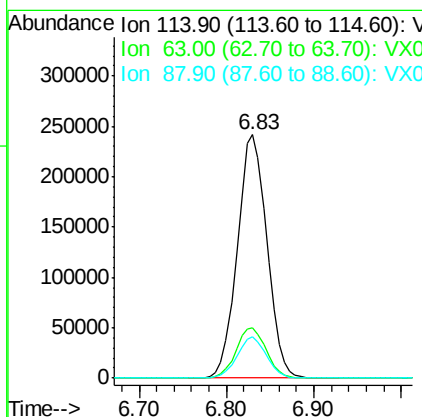
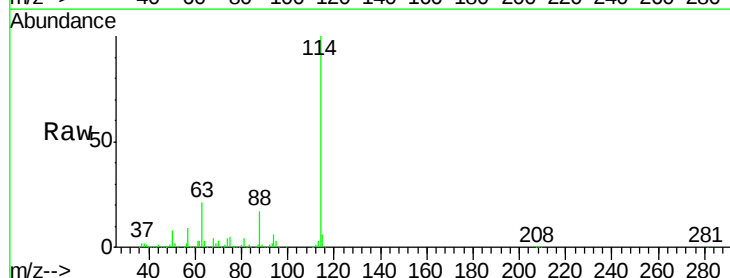
Tgt Ion: 114 Resp: 568397

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 16.8 0.0 32.8





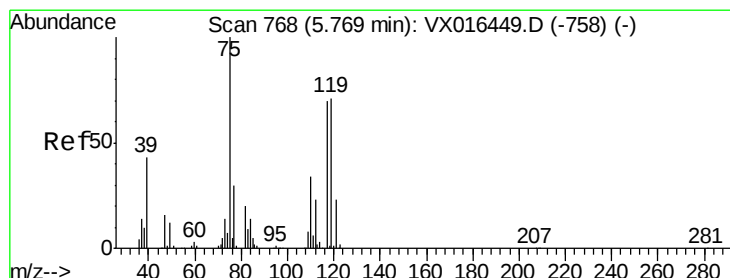
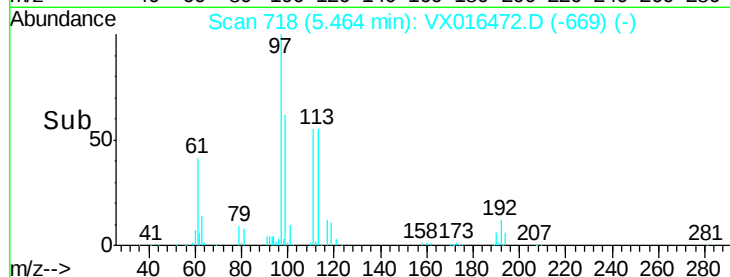
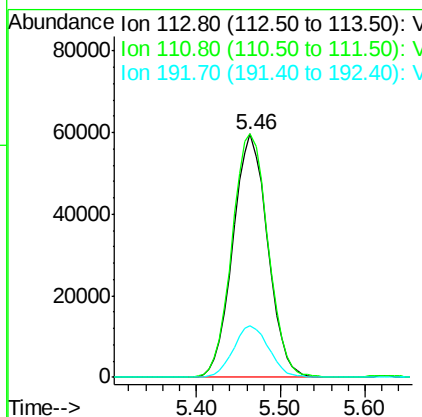
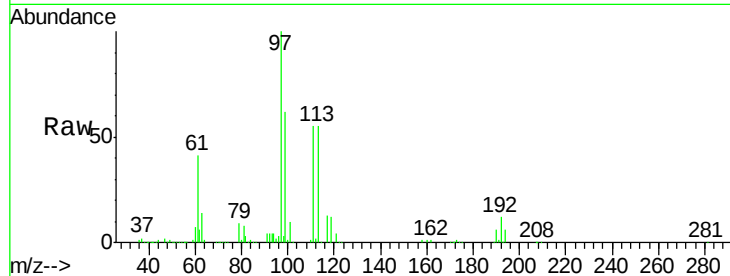
#35
Dibromofluoromethane
Concen: 47.559 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	166449		
111	103.8	83.0	124.6	
192	21.8	17.7	26.5	

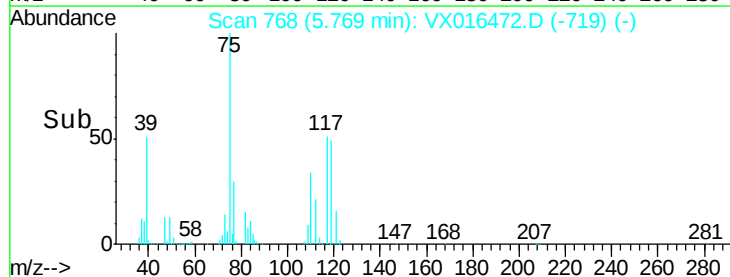
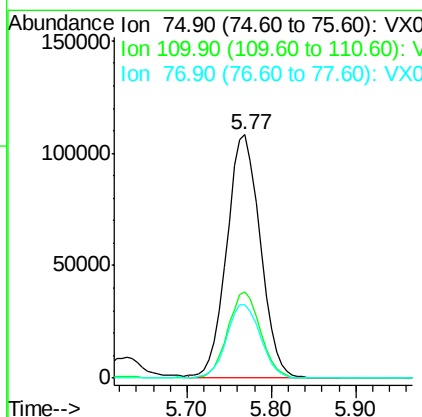
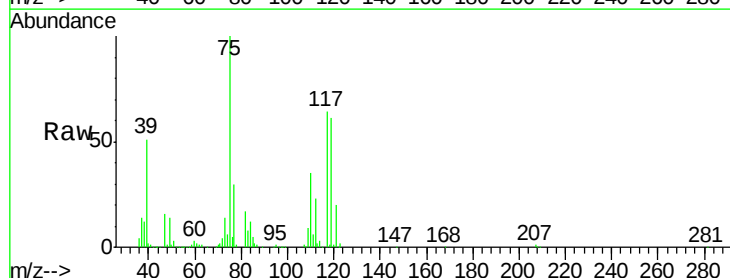
Manual Integrations
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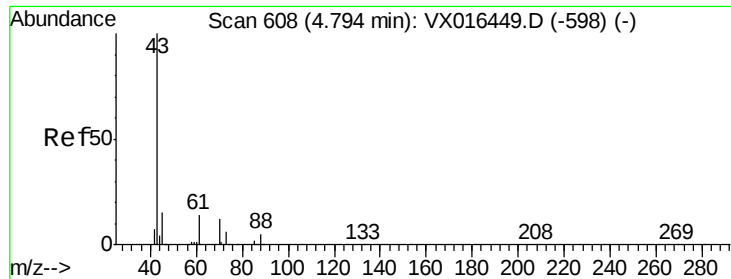
MMDadoda
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#36
1,1-Dichloropropene
Concen: 54.147 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	291398		
110	34.8	17.4	52.3	
77	30.6	24.2	36.4	





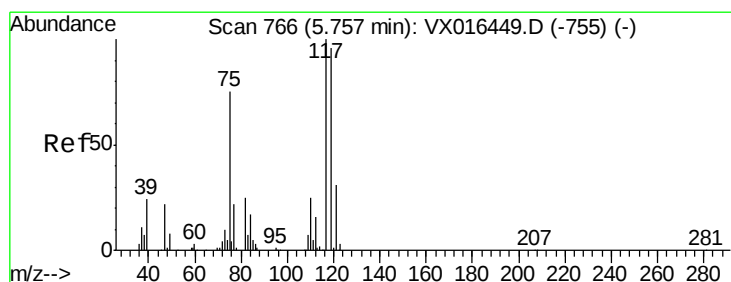
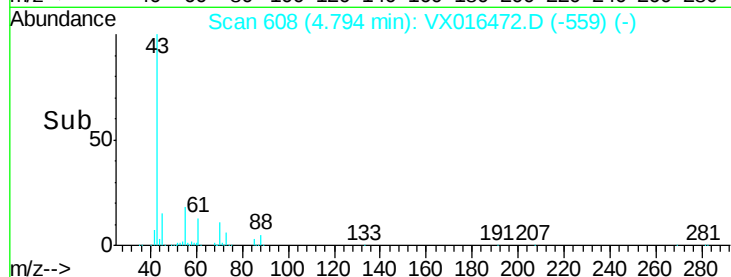
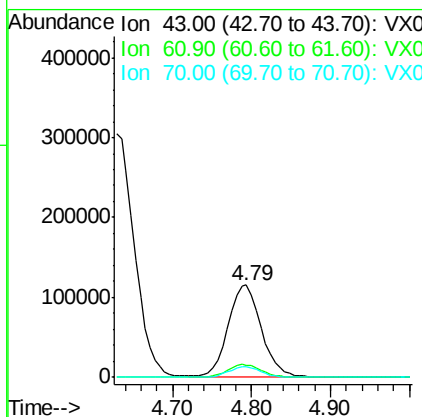
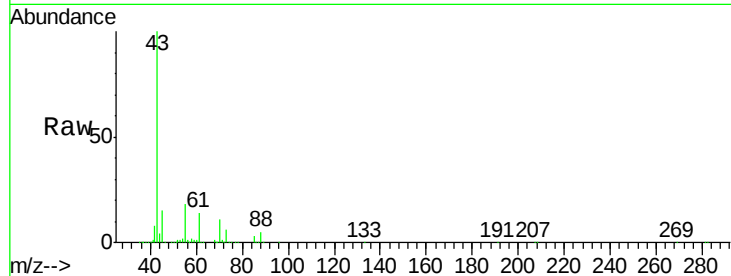
#37
Ethyl Acetate
Concen: 52.007 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	336021
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.3	16.9
70	11.6	9.3	13.9

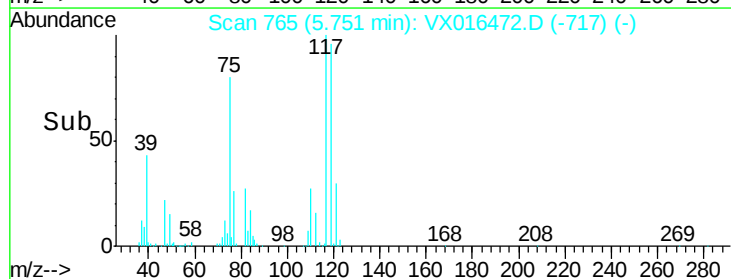
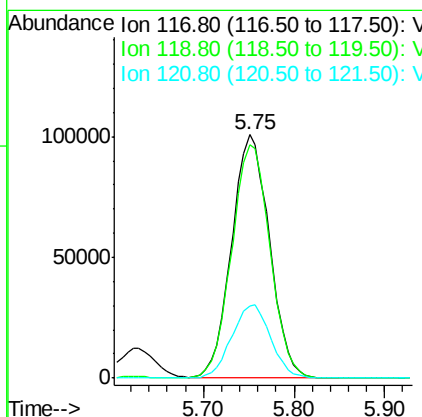
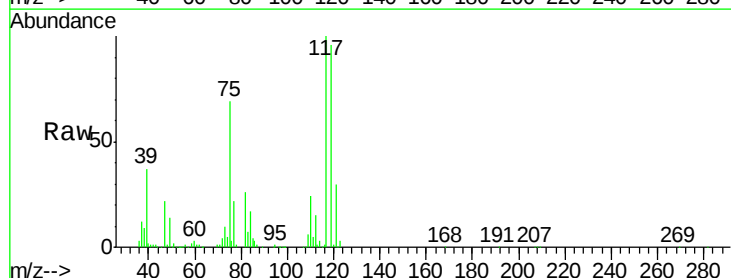
Manual Integrations
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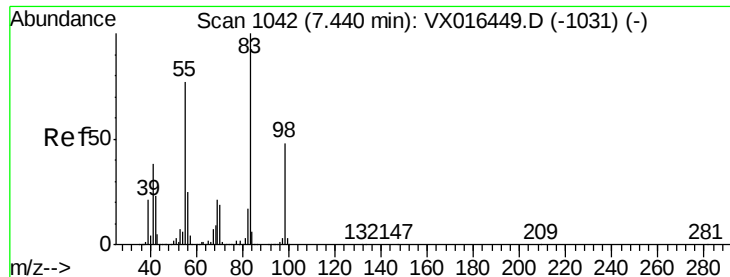
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#38
Carbon Tetrachloride
Concen: 51.504 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion	117	Resp	291286
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.3	114.5
121	29.9	24.6	37.0





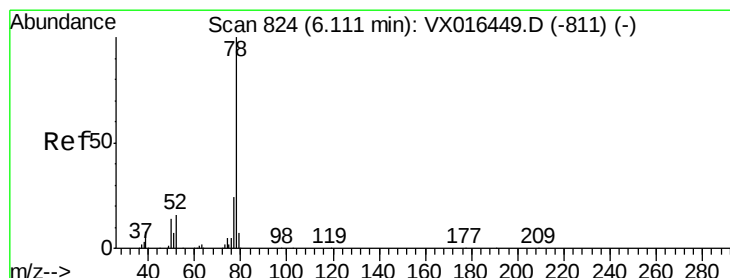
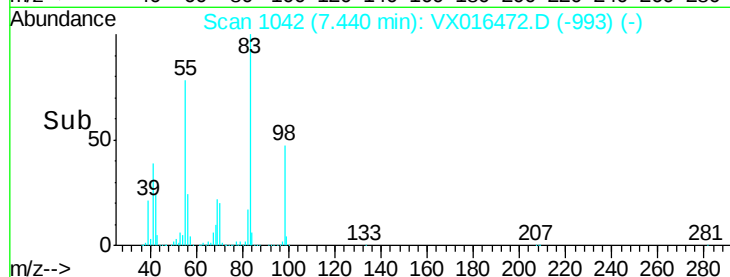
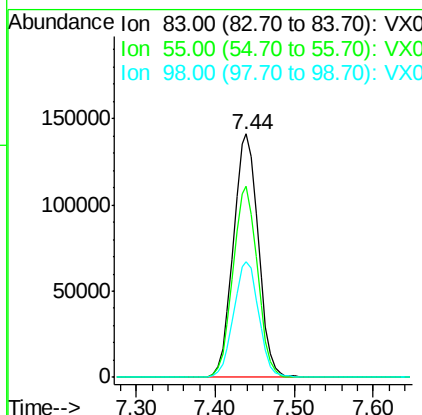
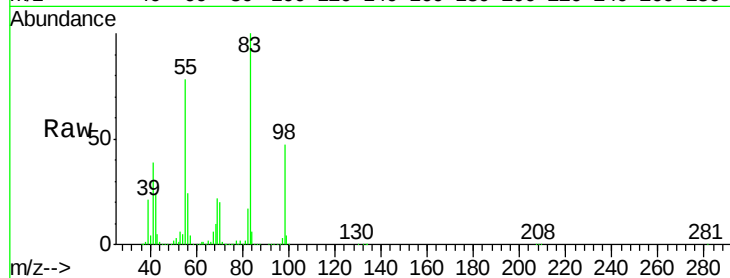
#39
Methvlcvclohexane
Concen: 53.218 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	61.7	92.5
98	47.4	38.7	58.1

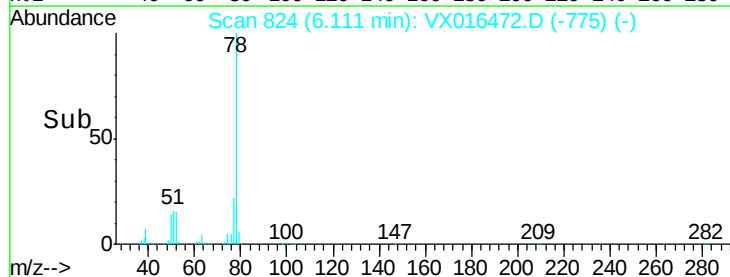
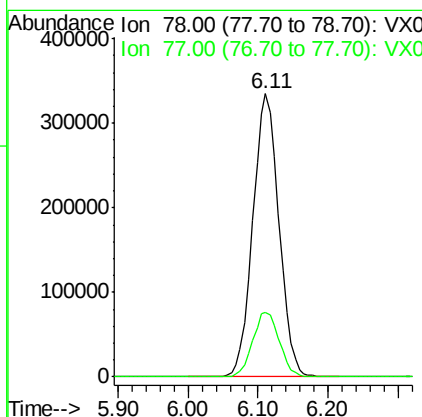
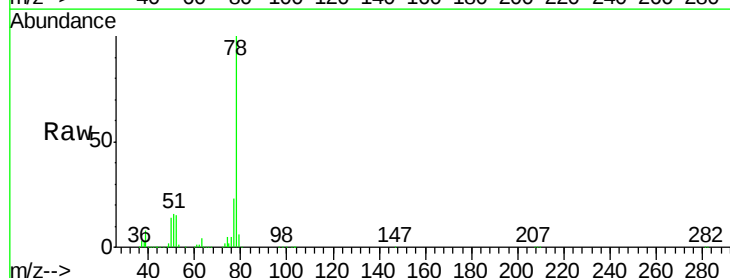
Manual Integrations
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5/29/2020 10:57:39 AM



#40
Benzene
Concen: 53.964 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.9	28.3





#41

Methacrylonitrile

Concen: 53.094 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

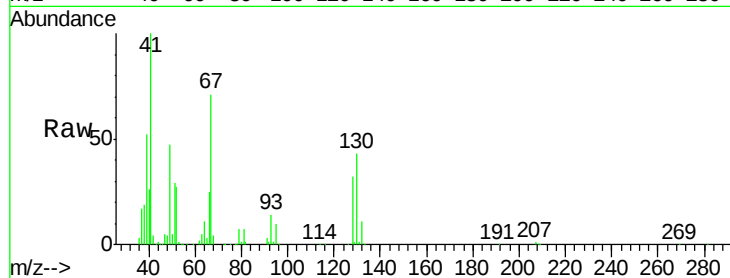
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.8	43.0	64.4	
67	71.5	58.9	88.3	
52	27.4	23.1	34.7	

Manual Integrations
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MMDadoda
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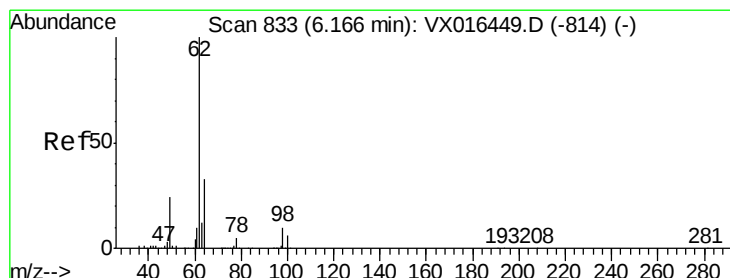
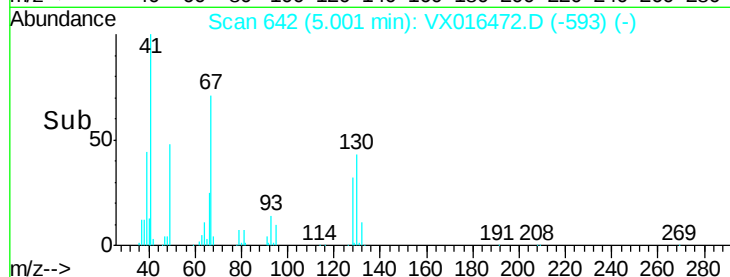
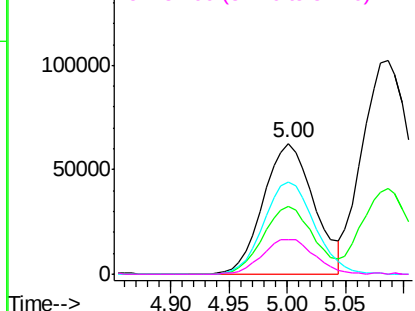
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.273 ug/l

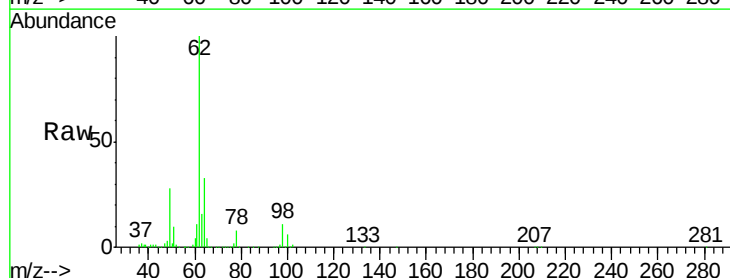
RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

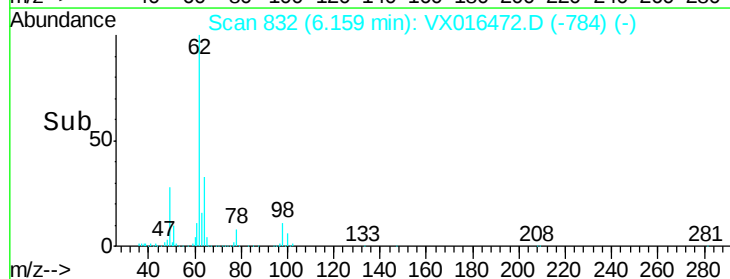
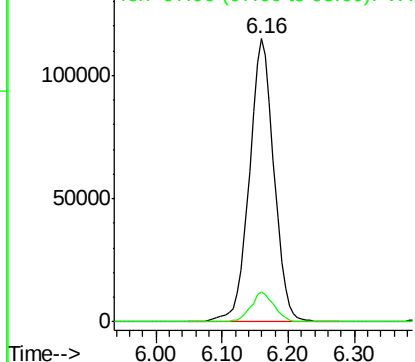
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	19.8	



Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





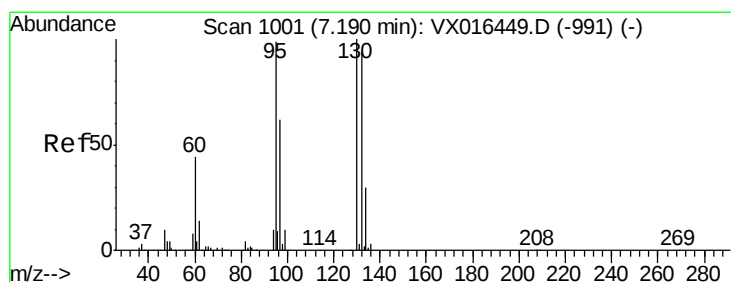
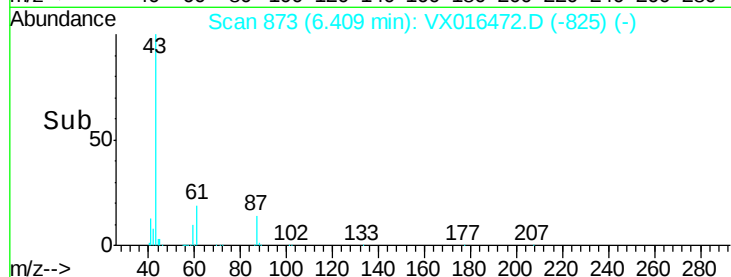
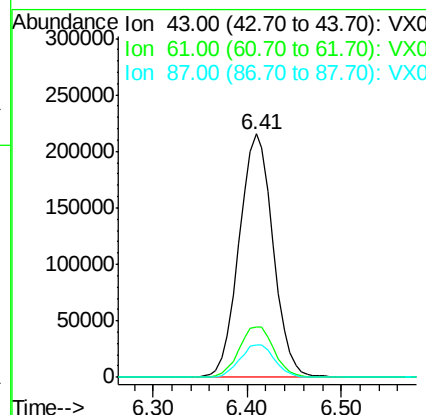
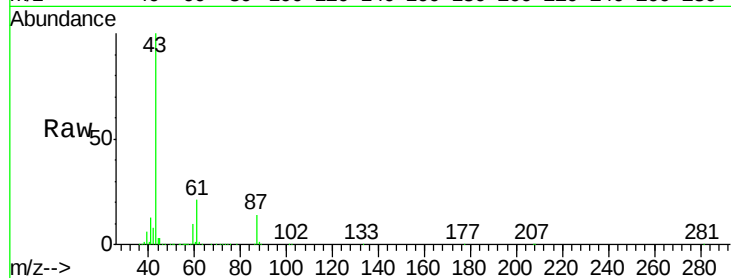
#43
Isopropyl Acetate
Concen: 53.611 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	540304
Ion Ratio	Lower	Upper	
43	100		
61	21.4	16.8	25.2
87	13.8	11.2	16.8

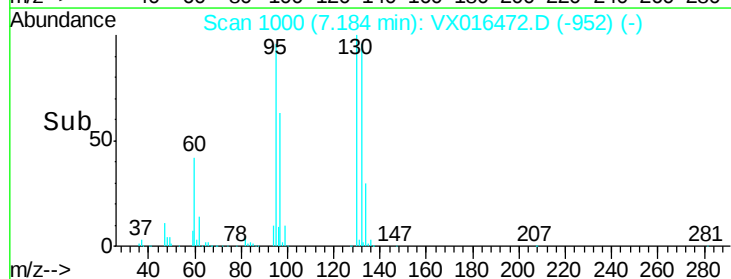
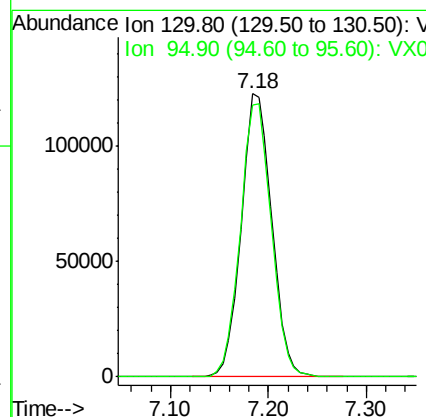
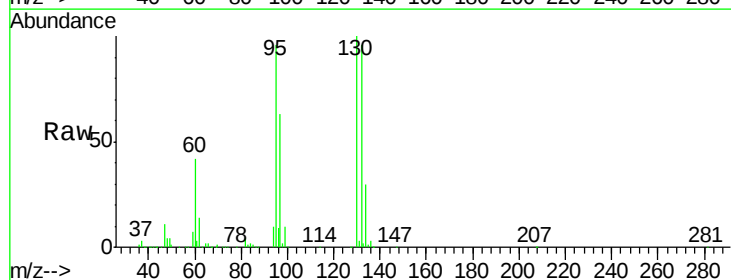
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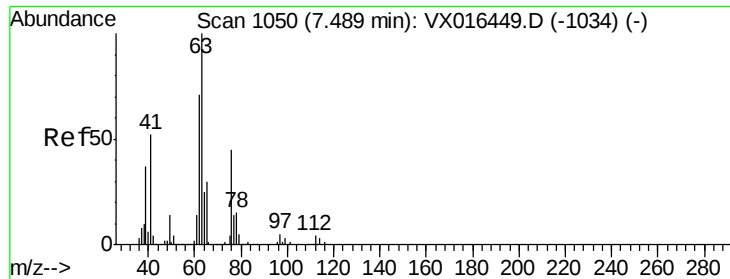
MMDadoda
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#44
Trichloroethene
Concen: 52.424 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion	130	Resp	266567
Ion Ratio	Lower	Upper	
130	100		
95	95.9	0.0	198.2





#45

1,2-Dichloropropane

Concen: 54.756 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 223400

Ion Ratio Lower Upper

63 100

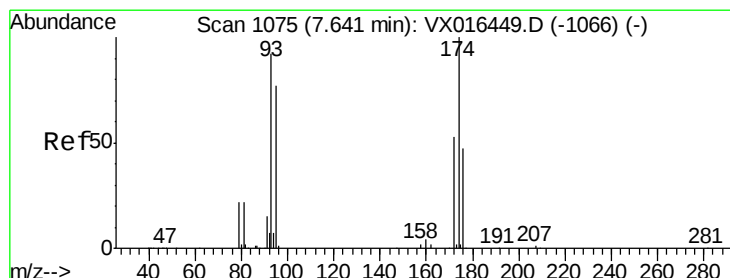
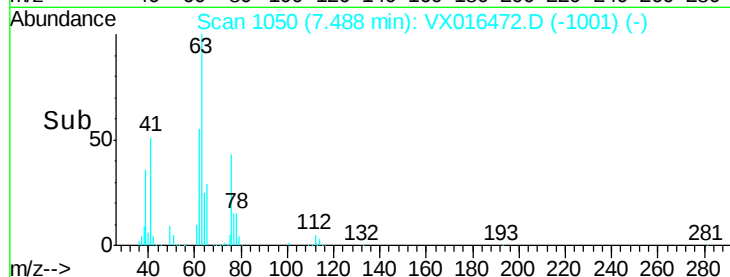
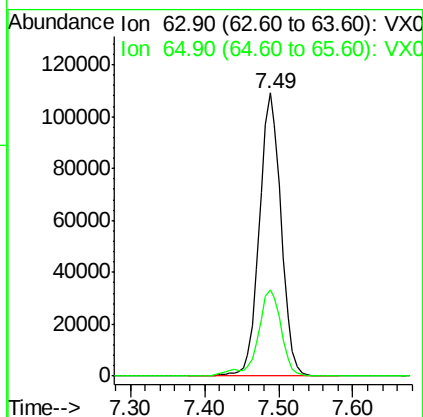
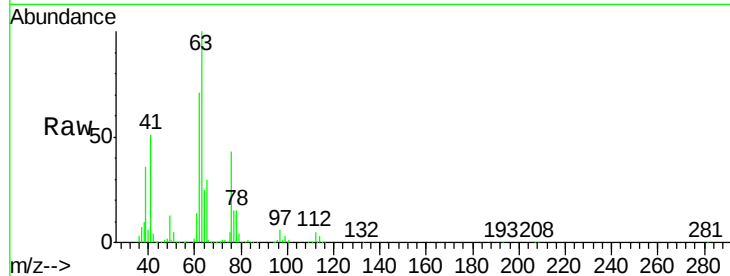
65 30.5 24.2 36.2

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#46

Dibromomethane

Concen: 53.206 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

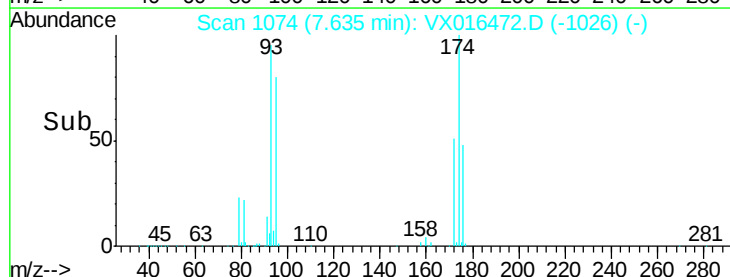
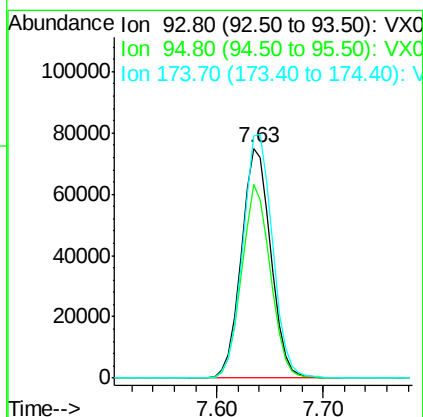
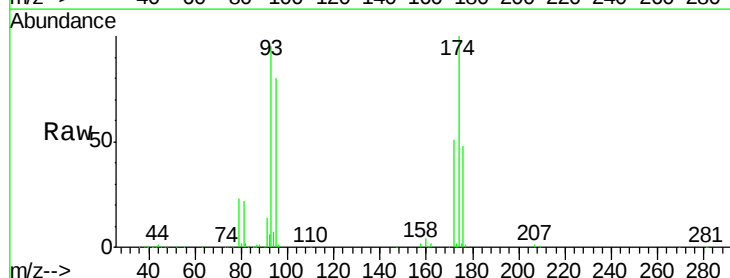
Tgt Ion: 93 Resp: 145804

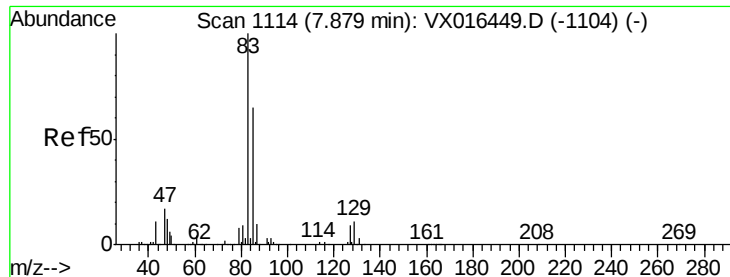
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 107.5 86.2 129.4





#47

Bromodichloromethane

Concen: 53.863 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

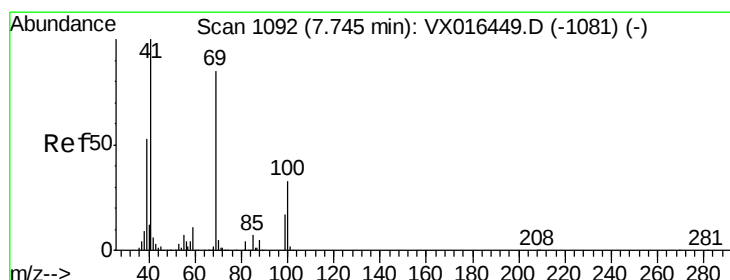
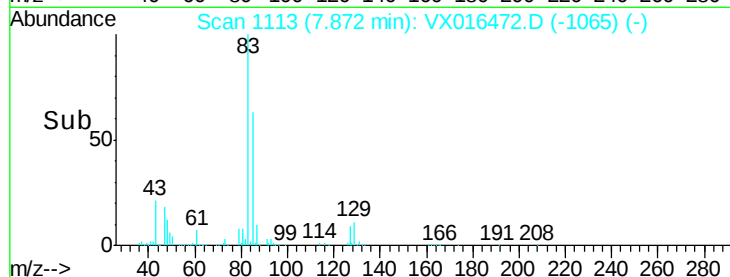
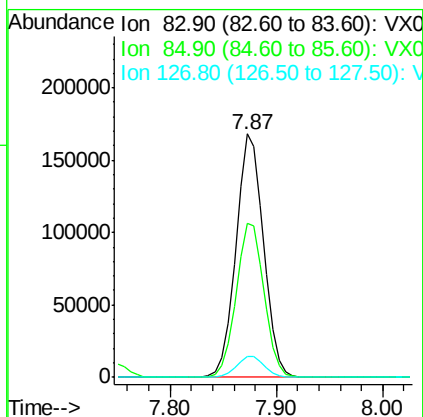
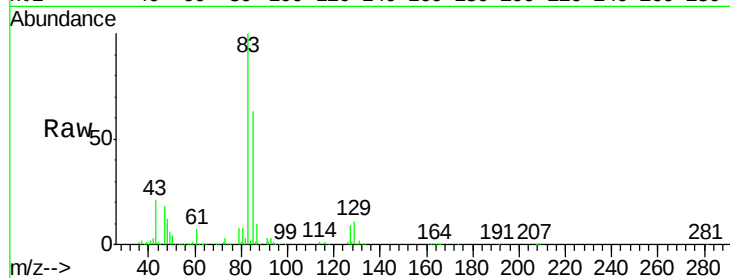
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	305625
Ion Ratio	Lower	Upper	
83	100		
85	63.0	52.0	78.0
127	8.6	7.4	11.0

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#48

Methyl methacrylate

Concen: 53.979 ug/l

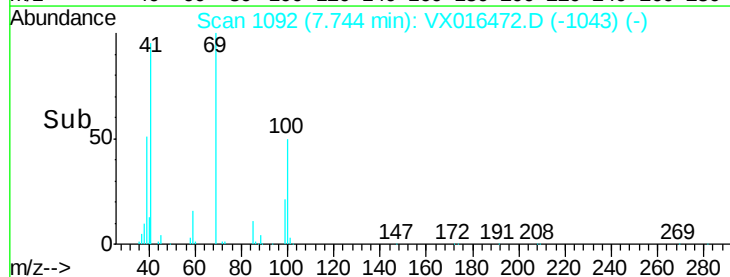
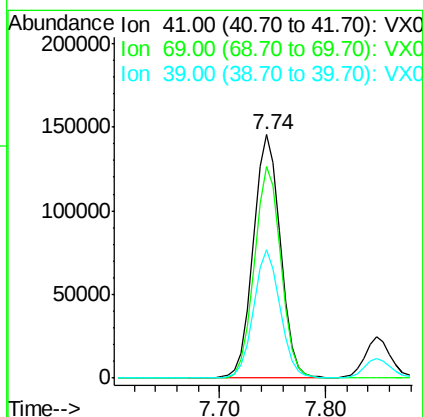
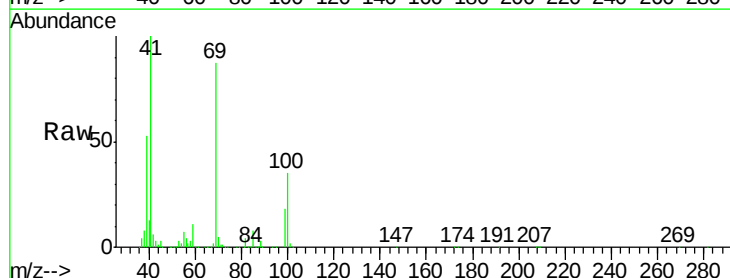
RT: 7.74 min Scan# 1092

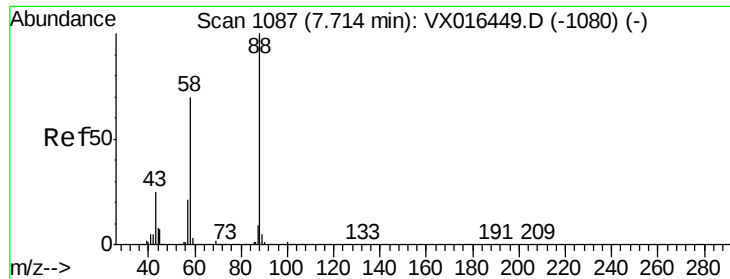
Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Tgt Ion:	41	Resp:	260474
Ion Ratio	Lower	Upper	
41	100		
69	85.6	68.6	102.8
39	51.9	42.4	63.6





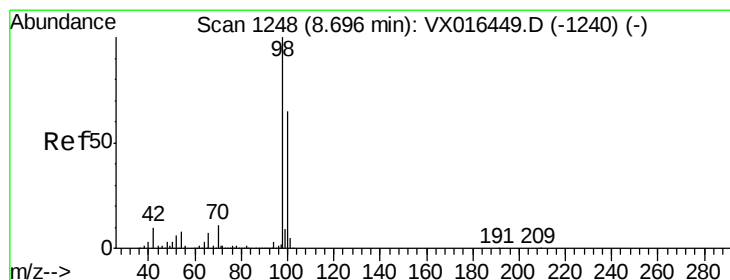
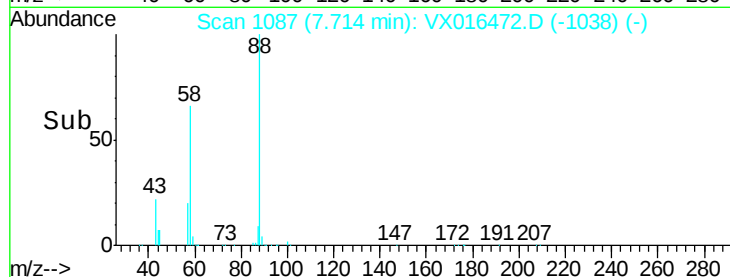
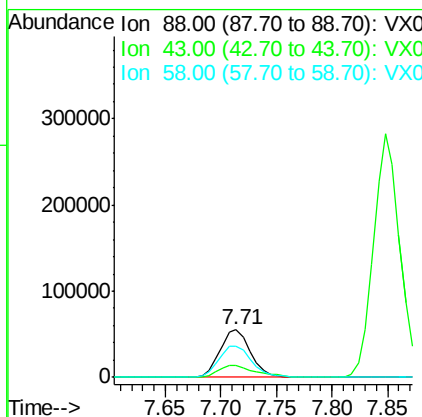
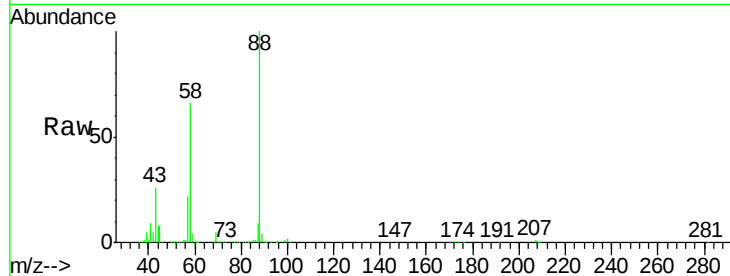
#49
1,4-Dioxane
Concen: 935.787 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	30.8	24.2	36.4	
58	70.9	56.5	84.7	

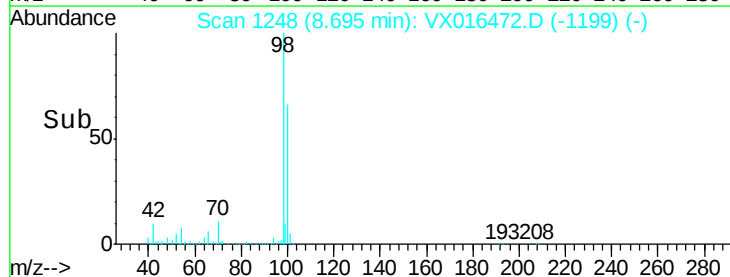
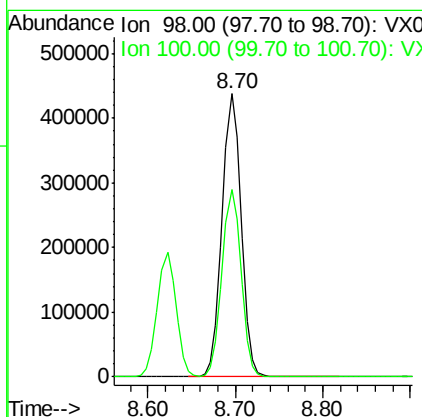
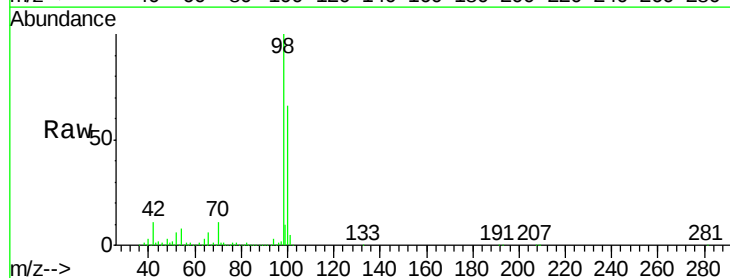
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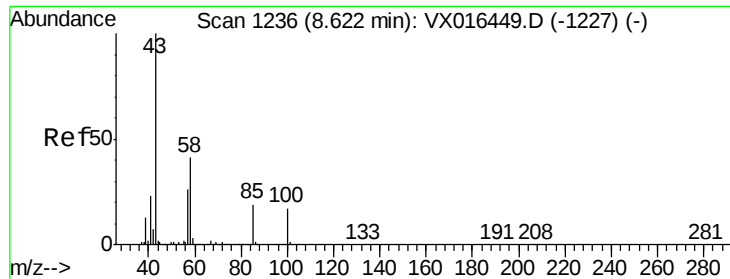
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#50
Toluene-d8
Concen: 48.603 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	66.6	53.8	80.6	





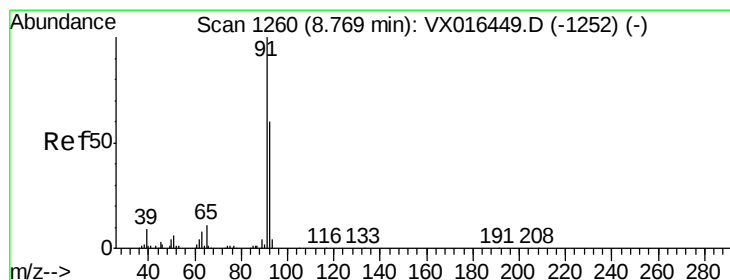
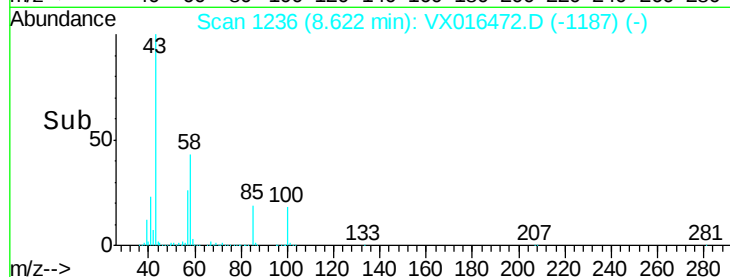
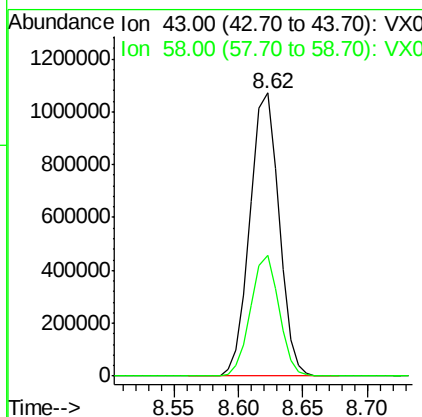
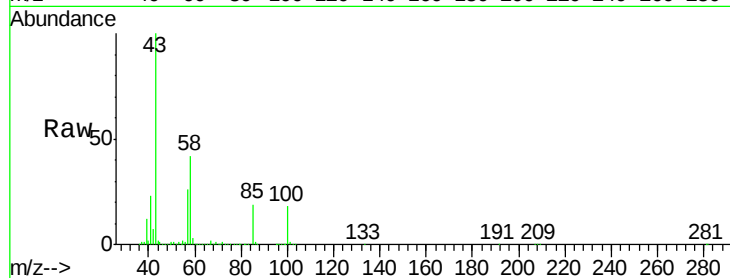
#51
4-Methyl-2-Pentanone
Concen: 266.187 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1670404
Ion Ratio Lower Upper
43 100
58 41.6 33.0 49.6

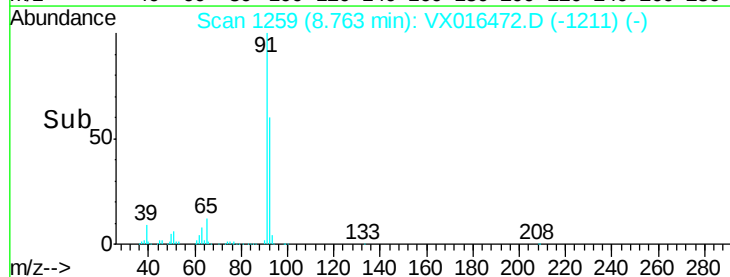
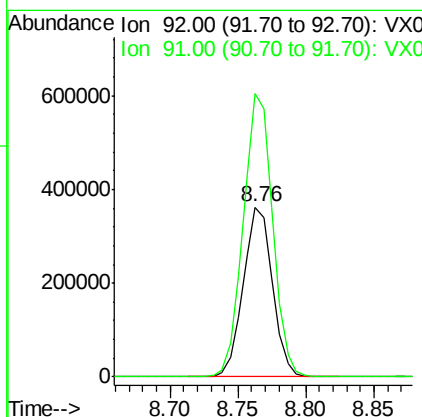
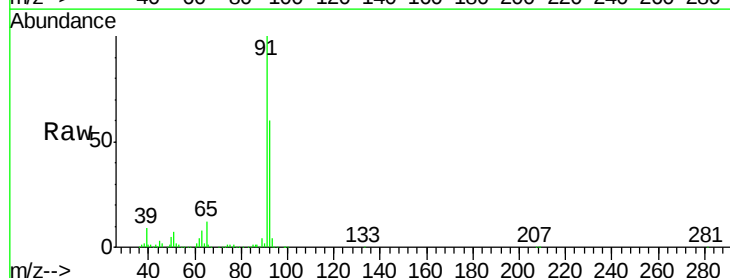
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#52
Toluene
Concen: 53.823 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion: 92 Resp: 543943
Ion Ratio Lower Upper
92 100
91 168.1 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 56.427 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 364071

Ion Ratio Lower Upper

75 100

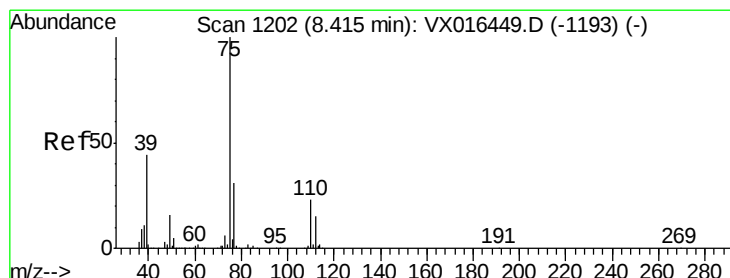
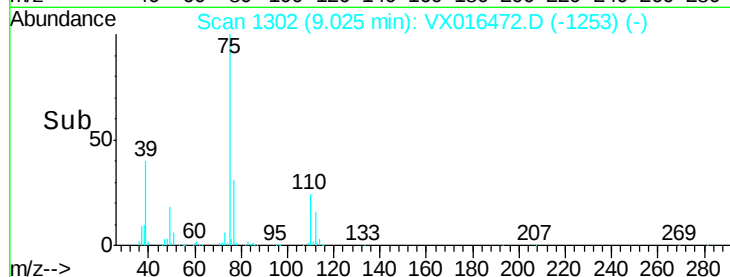
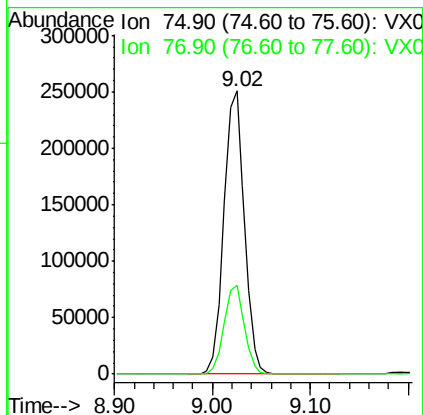
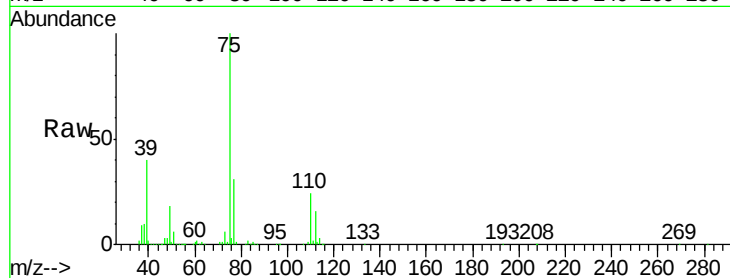
77 31.4 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 55.822 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

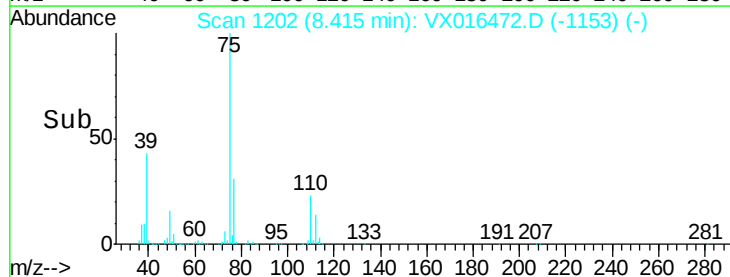
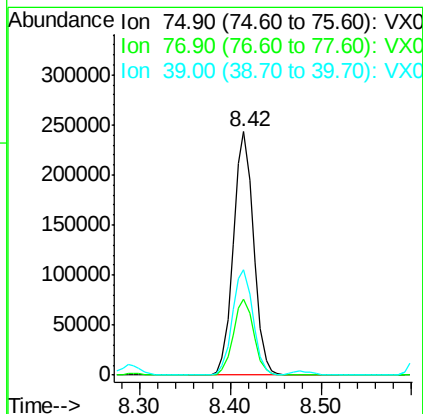
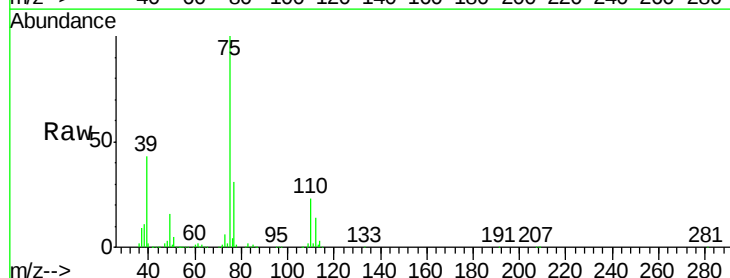
Tgt Ion: 75 Resp: 381227

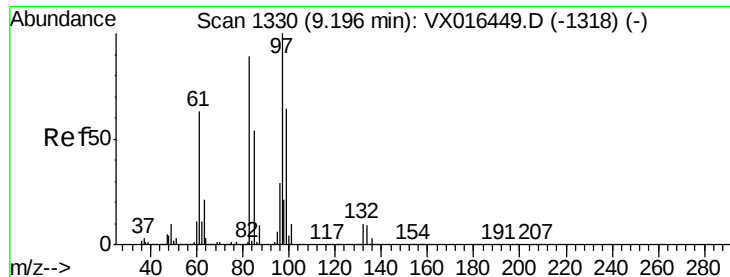
Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

39 43.1 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 53.704 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

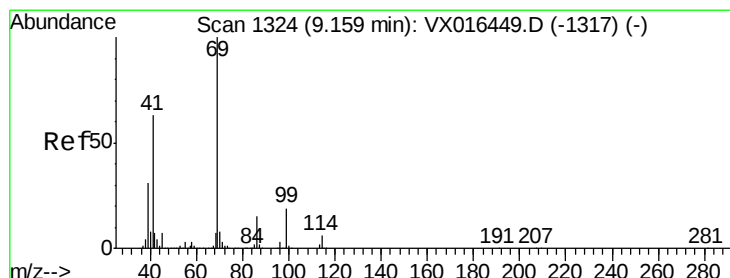
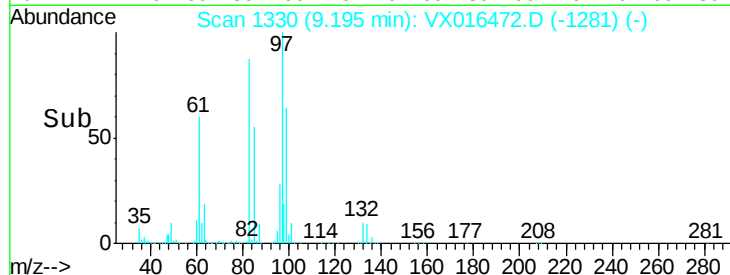
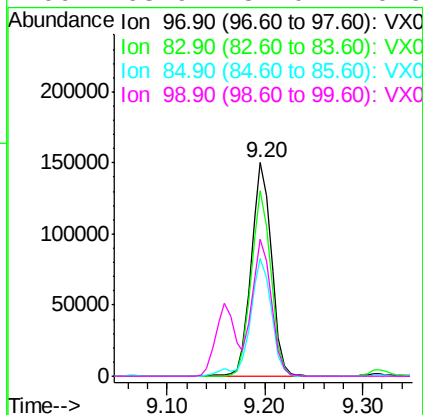
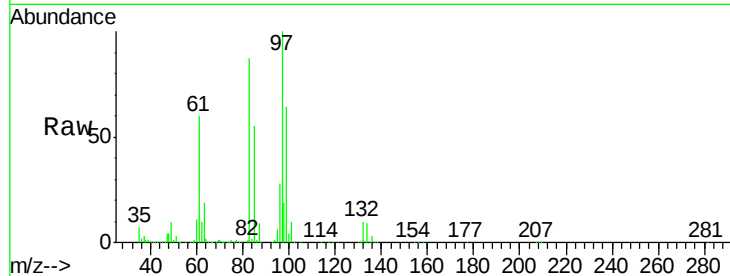
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	215792
Ion Ratio	Lower	Upper	
97	100		
83	86.9	70.9	106.3
85	55.2	43.4	65.2
99	63.9	51.0	76.6

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#56

Ethyl methacrylate

Concen: 56.392 ug/l

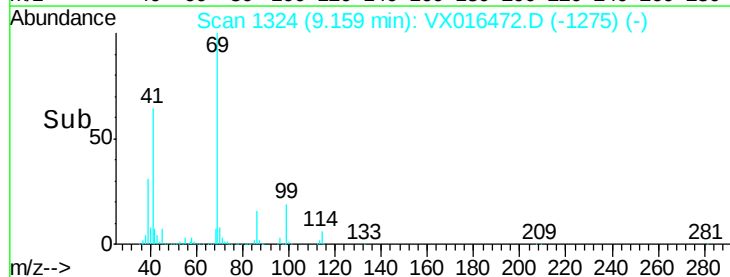
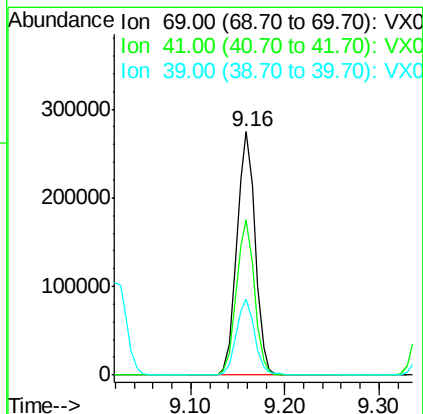
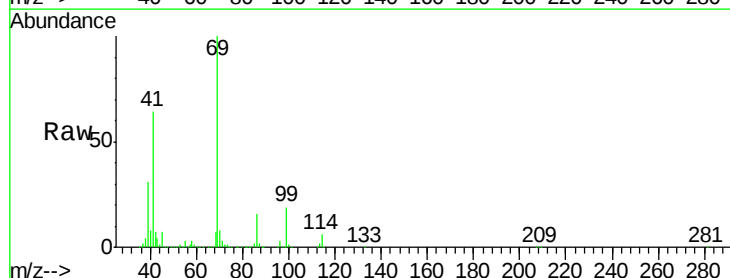
RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Tgt Ion:	69	Resp:	369037
Ion Ratio	Lower	Upper	
69	100		
41	62.9	50.7	76.1
39	31.3	25.8	38.6





#57

1,3-Dichloropropane

Concen: 53.579 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 369534

Ion Ratio Lower Upper

76 100

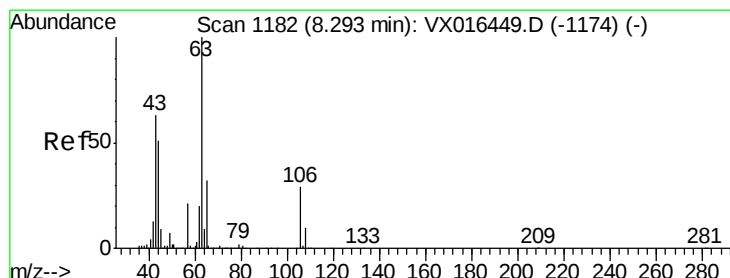
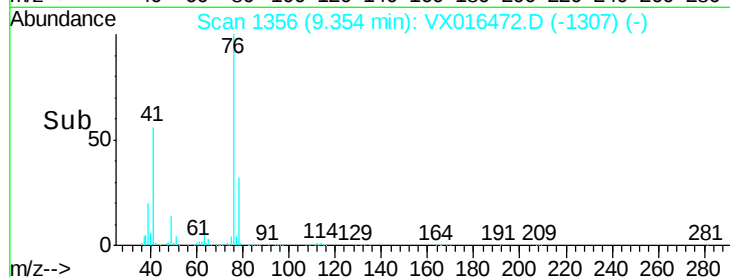
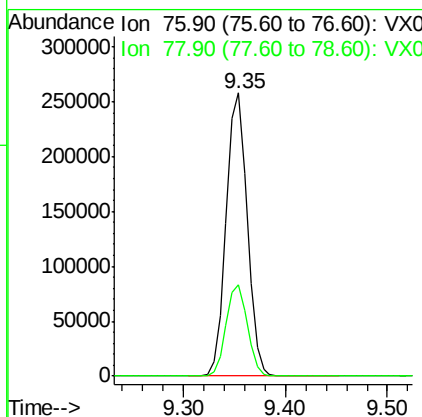
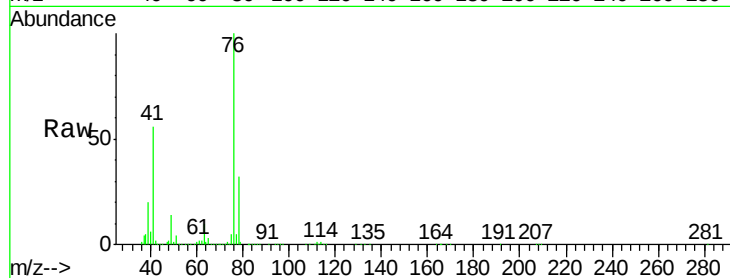
78 32.6 26.2 39.4

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#58

2-Chloroethyl Vinyl ether

Concen: 260.494 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016472.D

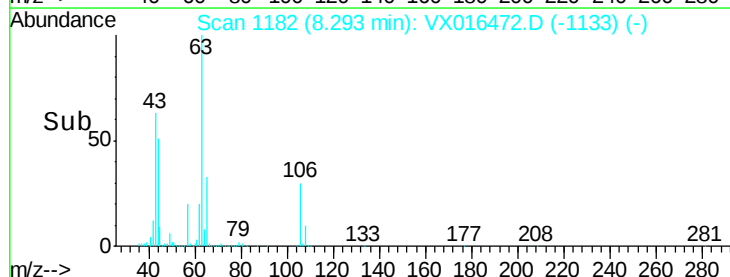
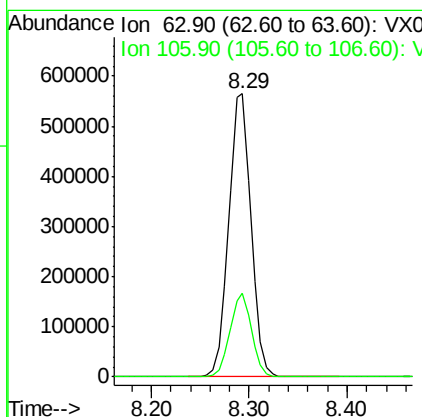
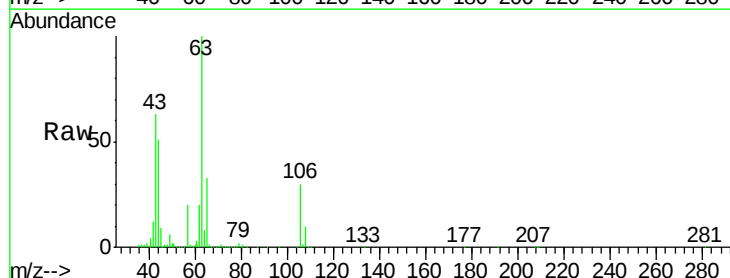
Acq: 28 May 2020 09:55

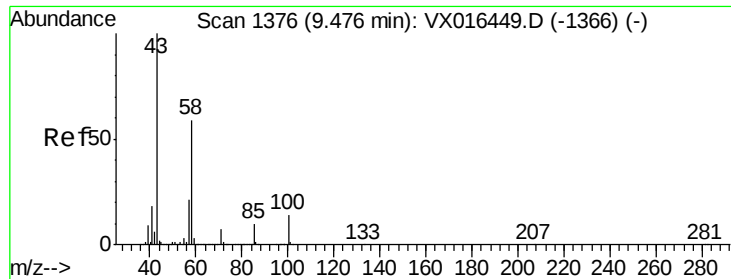
Tgt Ion: 63 Resp: 889784

Ion Ratio Lower Upper

63 100

106 28.8 23.2 34.8





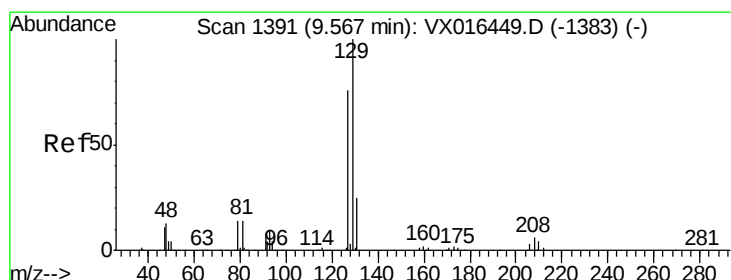
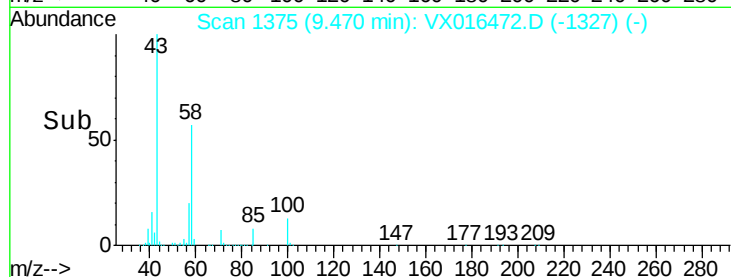
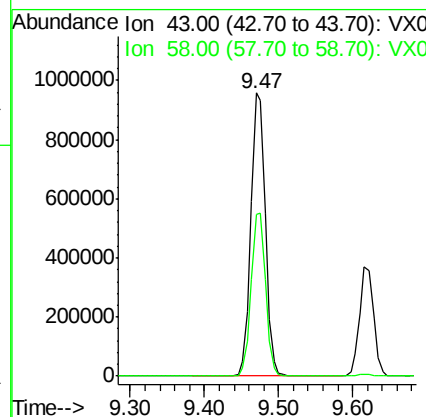
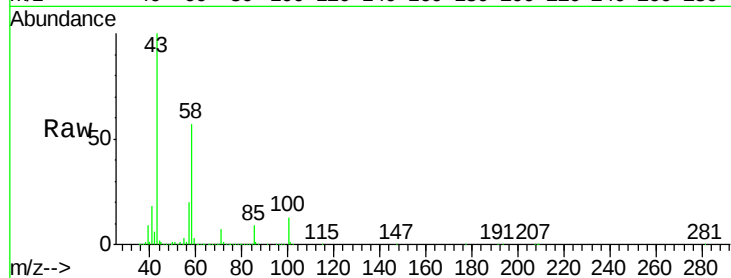
#59
2-Hexanone
Concen: 268.817 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1311834
Ion Ratio Lower Upper
43 100
58 57.8 28.8 86.4

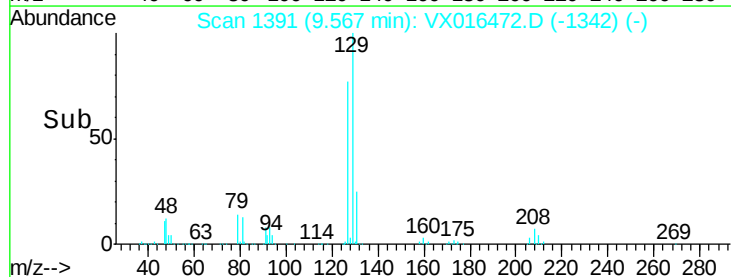
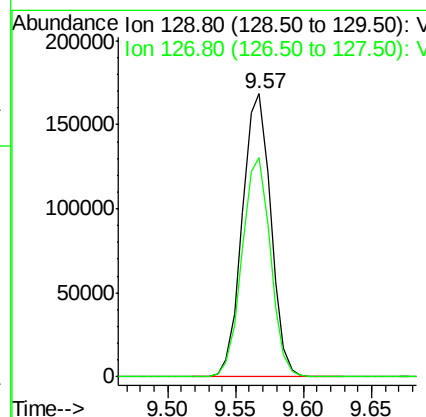
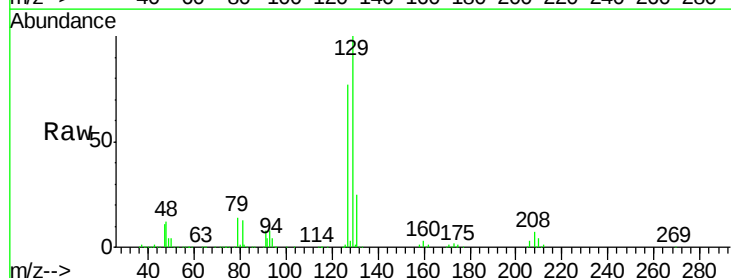
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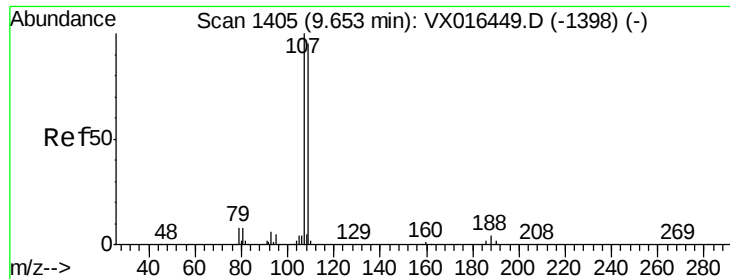
MMDadoda
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#60
Dibromochloromethane
Concen: 54.572 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion: 129 Resp: 246770
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 53.812 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 231547

Ion Ratio Lower Upper

107 100

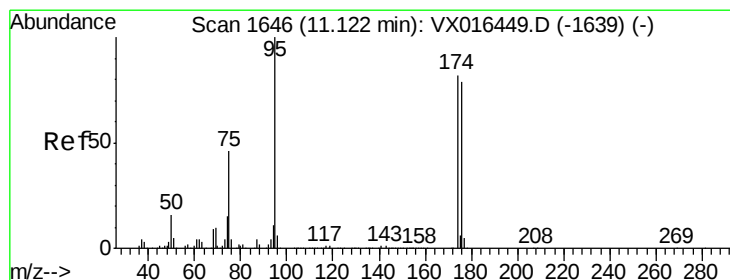
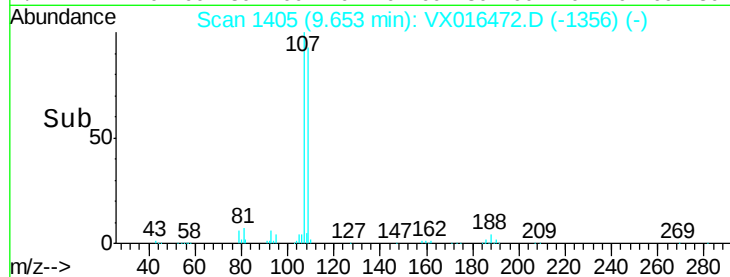
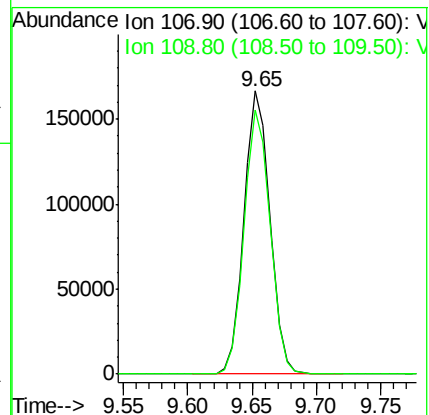
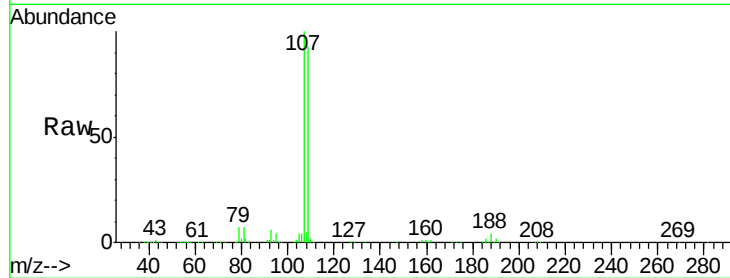
109 94.3 75.5 113.3

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#62

4-Bromofluorobenzene

Concen: 45.988 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

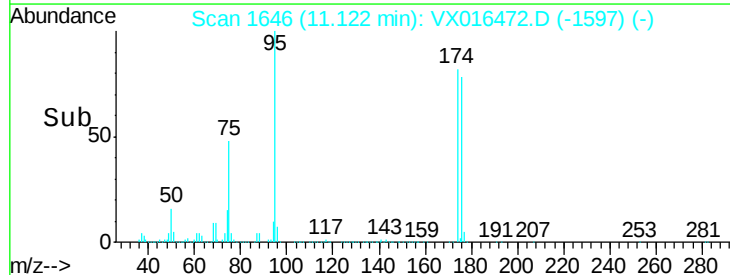
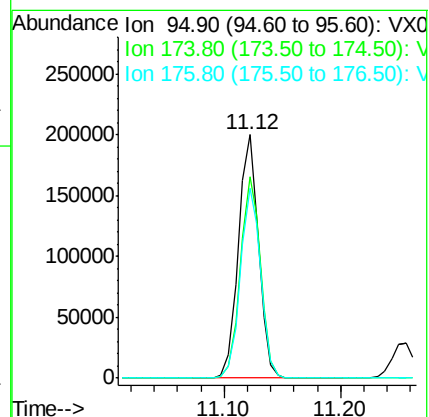
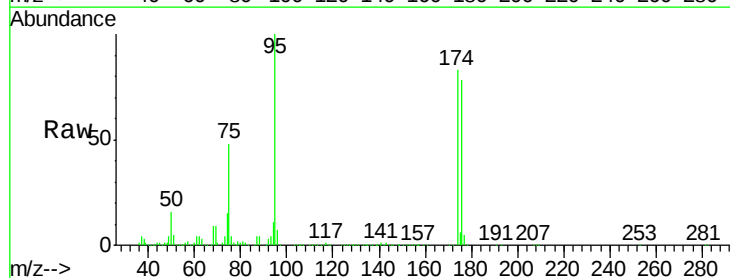
Tgt Ion: 95 Resp: 242066

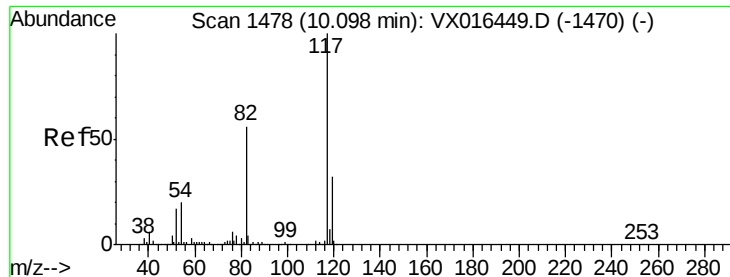
Ion Ratio Lower Upper

95 100

174 82.6 0.0 163.0

176 78.6 0.0 156.8





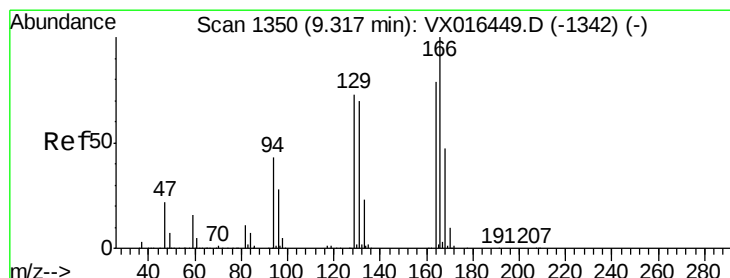
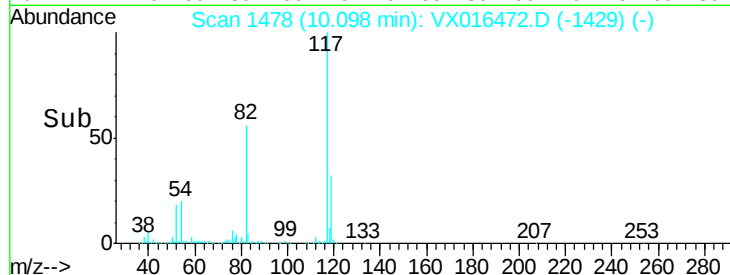
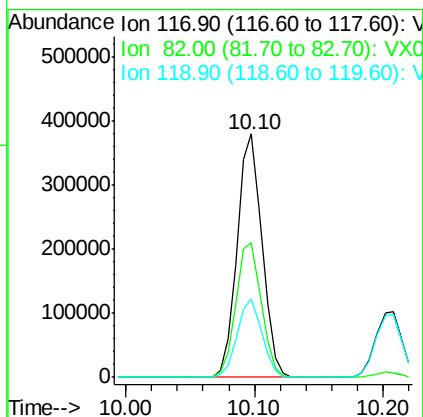
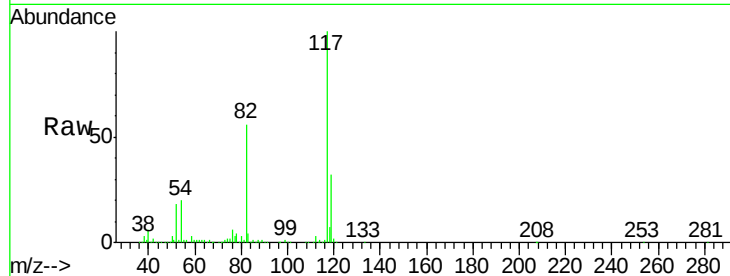
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	508814		
82	55.6	45.0	67.6	
119	32.3	25.8	38.8	

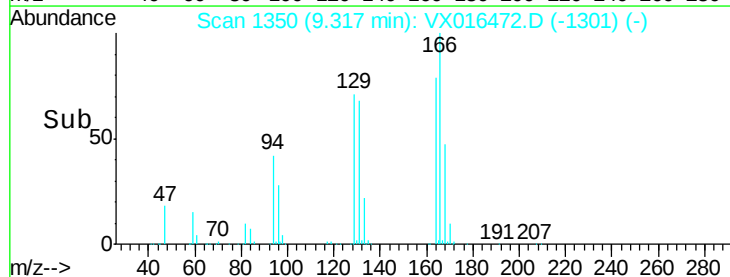
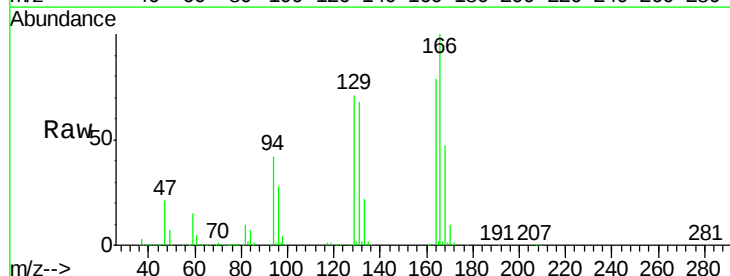
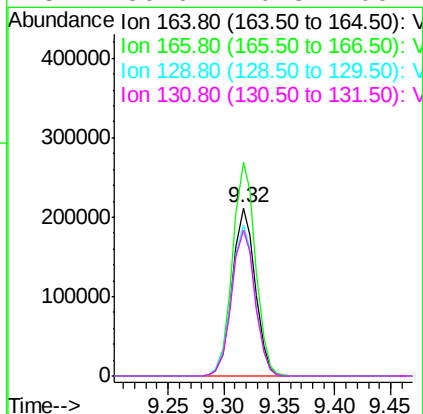
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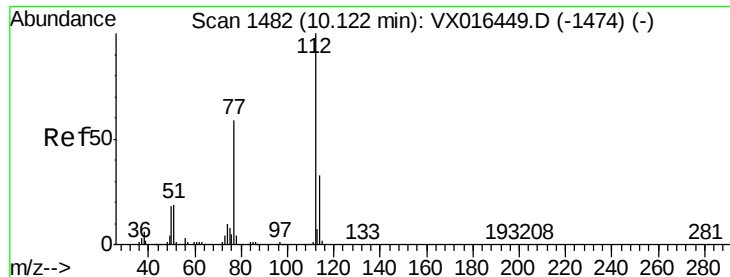
MMDadoda
5/29/2020 10:57:39 AM



#64
Tetrachloroethene
Concen: 52.875 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	300996		
166	126.9	100.9	151.3	
129	89.6	73.2	109.8	
131	86.6	70.8	106.2	





#65

Chlorobenzene

Concen: 55.138 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 571960

Ion Ratio Lower Upper

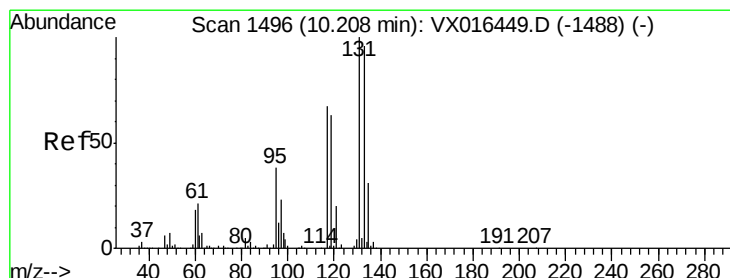
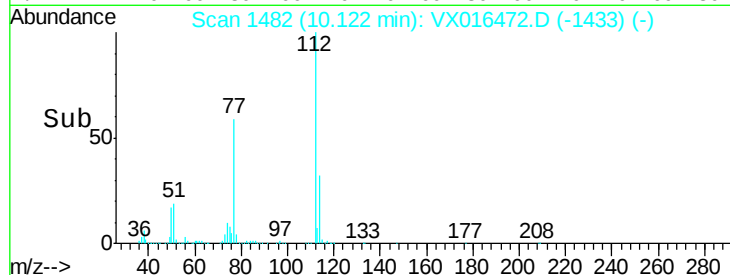
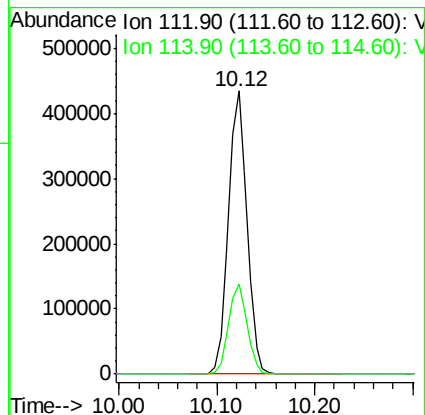
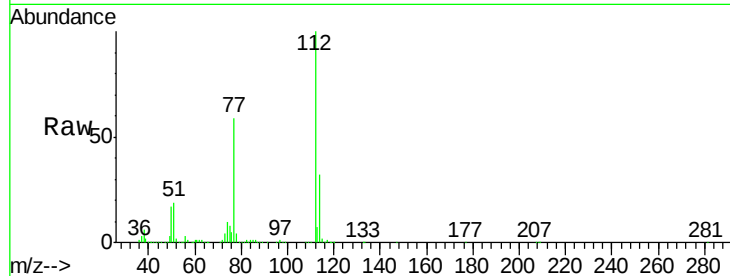
112 100

114 31.8 26.0 39.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 55.302 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

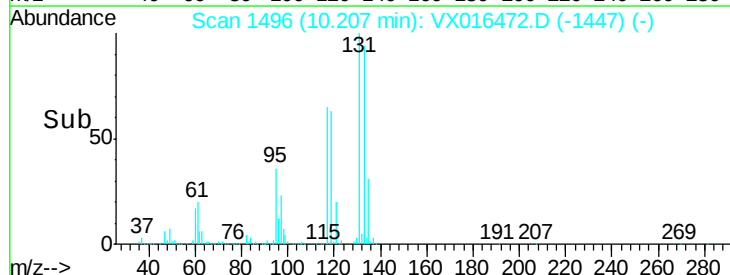
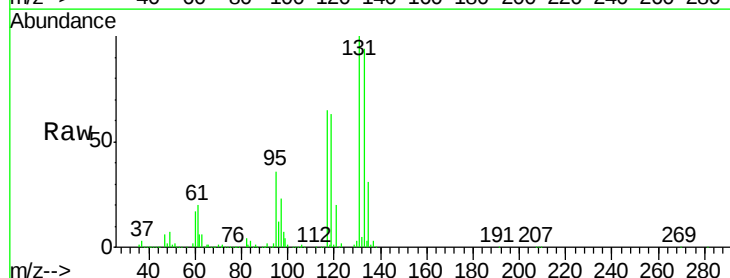
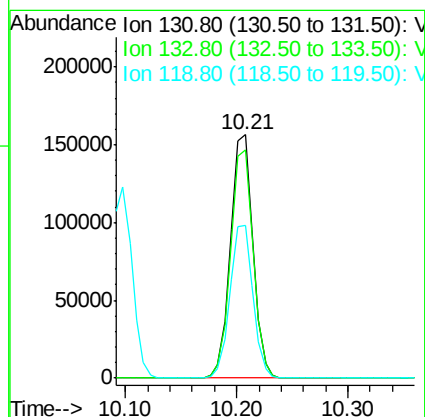
Tgt Ion:131 Resp: 218981

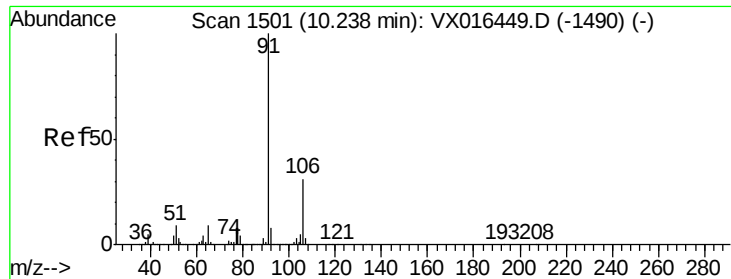
Ion Ratio Lower Upper

131 100

133 94.9 48.4 145.3

119 64.1 32.0 96.2





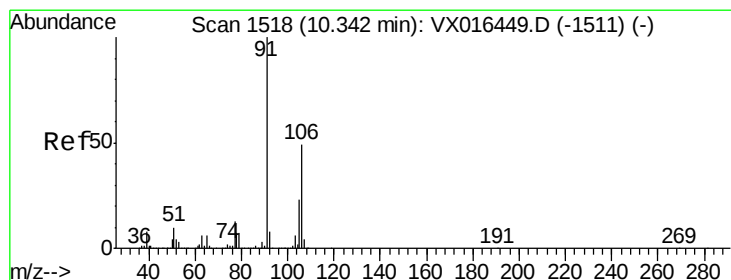
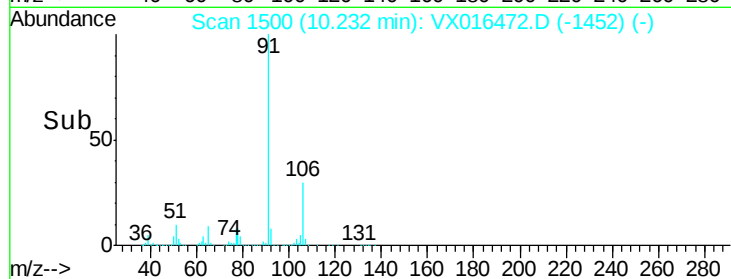
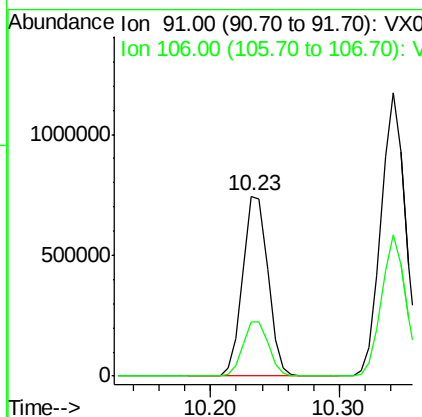
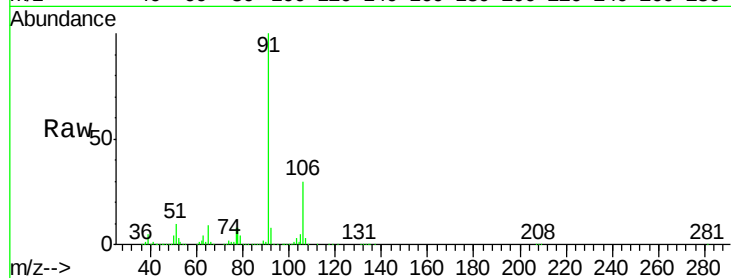
#67
Ethyl Benzene
Concen: 54.578 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1007999
Ion Ratio Lower Upper
91 100
106 29.9 25.0 37.4

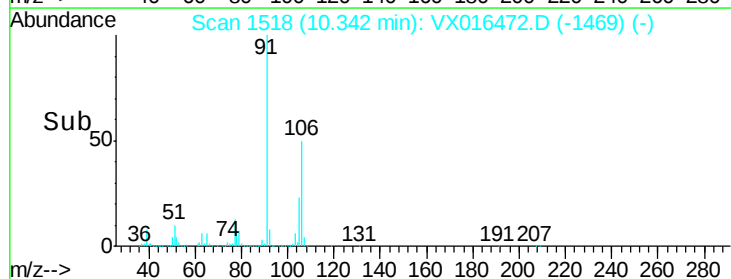
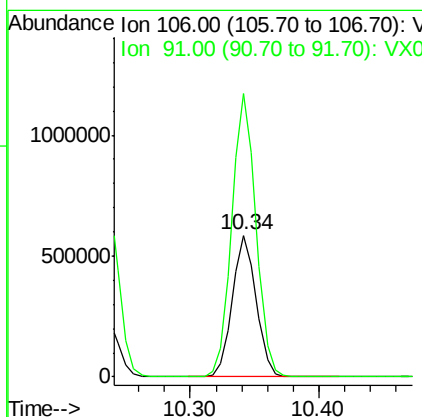
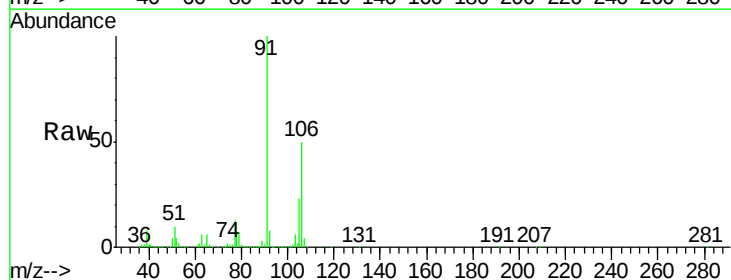
Manual Integrations
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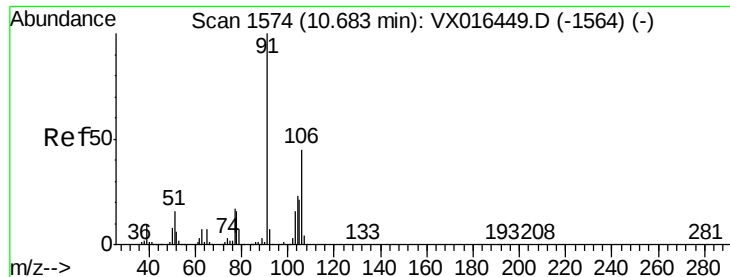
MMDadoda
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#68
m/p-Xylenes
Concen: 110.592 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion: 106 Resp: 757303
Ion Ratio Lower Upper
106 100
91 202.7 163.8 245.8





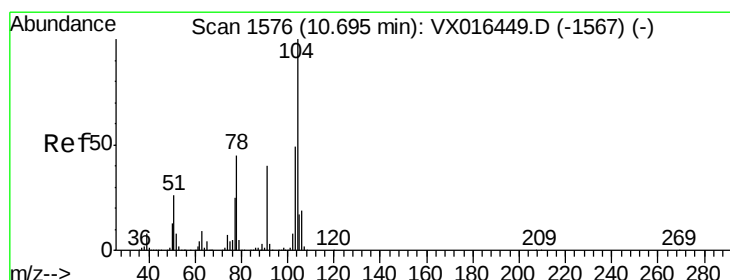
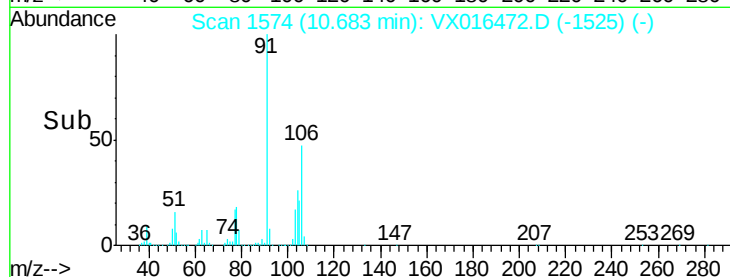
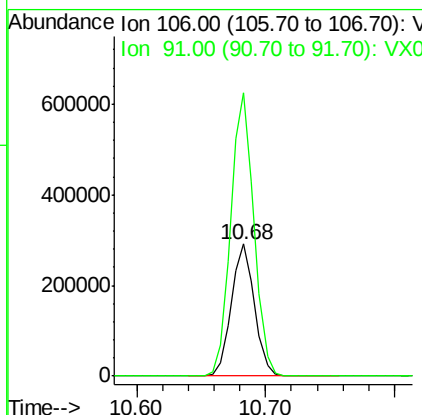
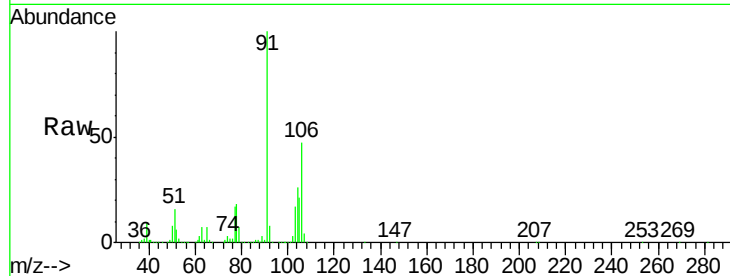
#69
o-Xylene
Concen: 54.948 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	364401		
91	215.7	109.6	328.8	

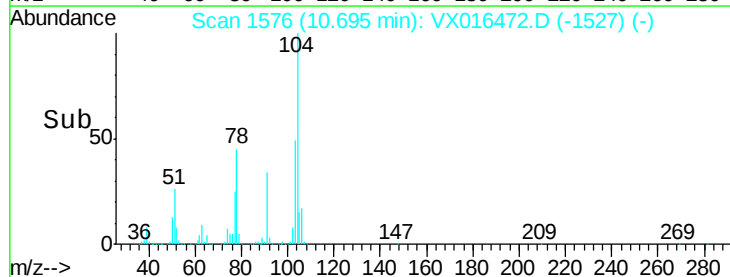
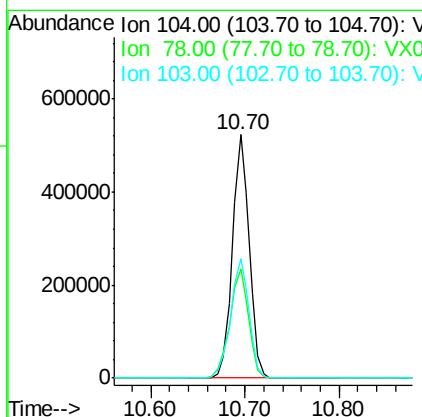
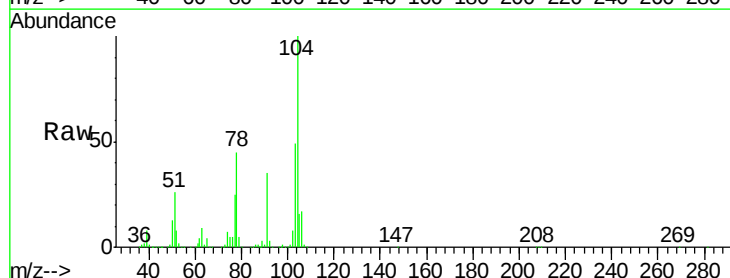
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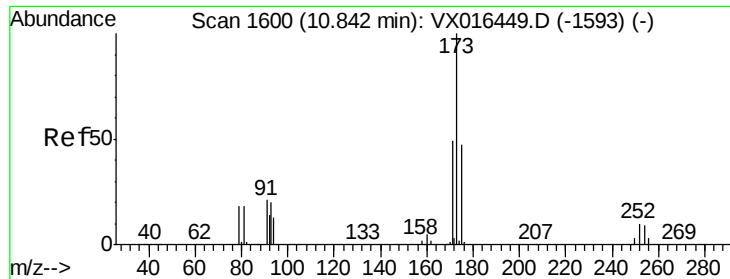
MMDadoda
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#70
Styrene
Concen: 56.629 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	645509		
78	49.9	40.2	60.2	
103	53.7	43.1	64.7	





#71

Bromoform

Concen: 56.103 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

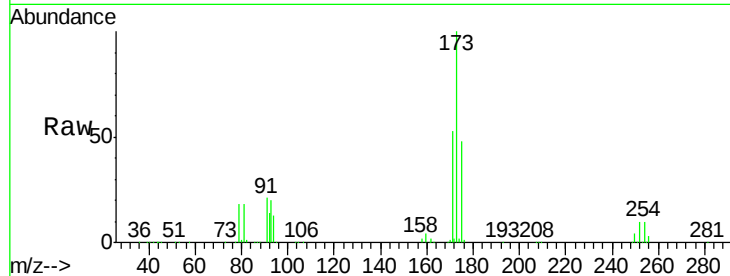
ClientSampleId :

VSTDCCC050

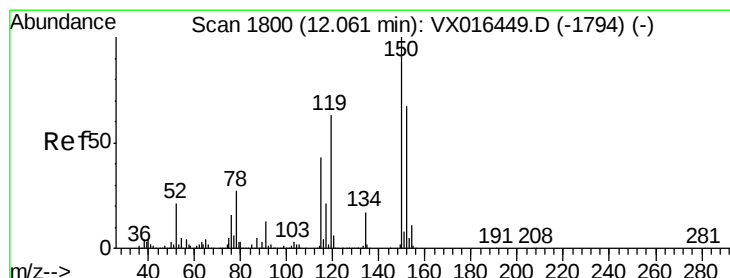
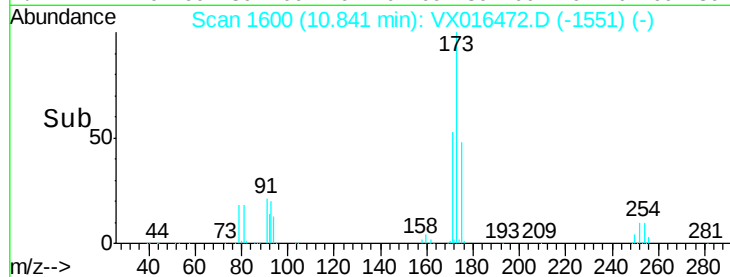
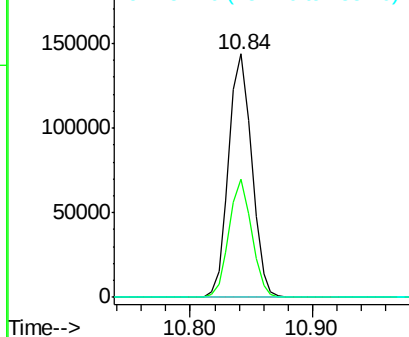
Tot Ion:	173	Resp:	187752
Ion Ratio	Lower	Upper	
173	100		
175	47.6	23.9	71.7
254	0.1	0.1	0.1

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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

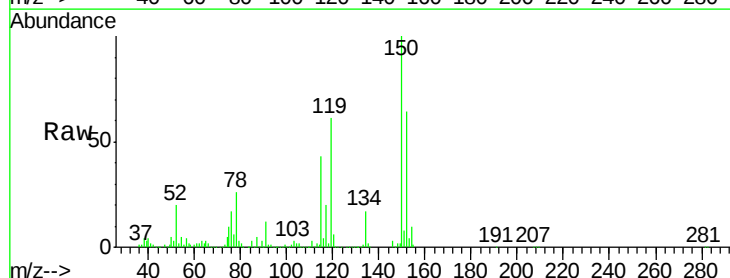
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

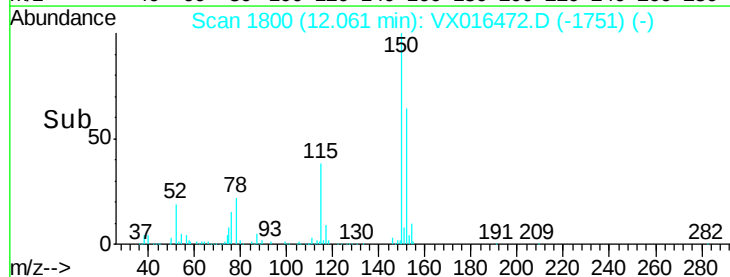
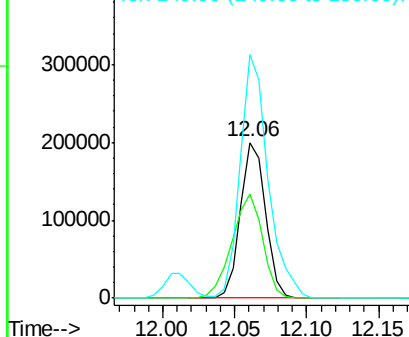
Lab File: VX016472.D

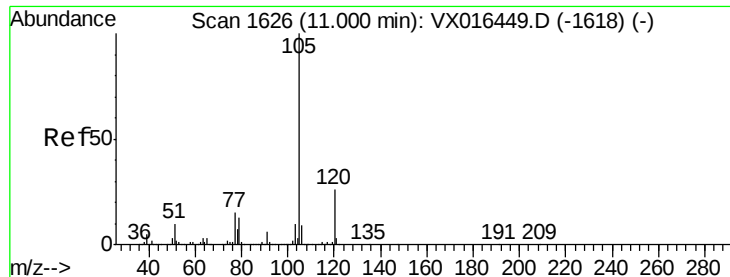
Acq: 28 May 2020 09:55

Tgt Ion:	152	Resp:	241775
Ion Ratio	Lower	Upper	
152	100		
115	82.0	39.9	119.6
150	174.1	0.0	341.0



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: 55.446 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 928835

Ion Ratio Lower Upper

105 100

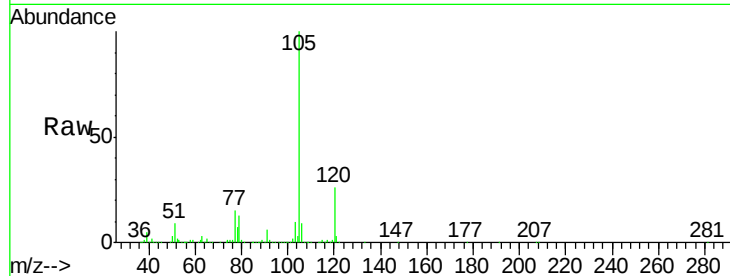
120 26.4 13.1 39.3

Manual Integrations

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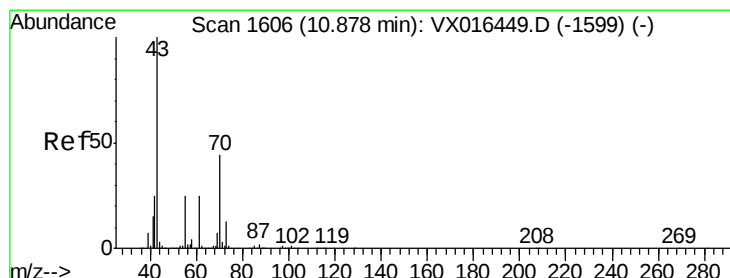
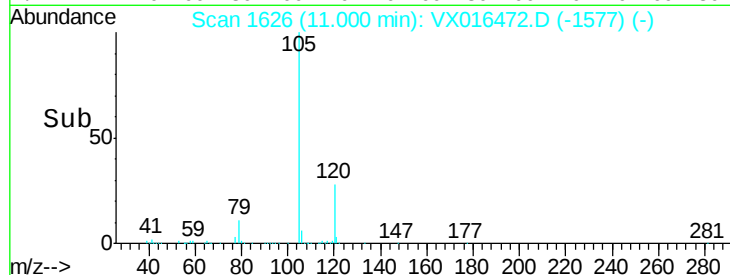
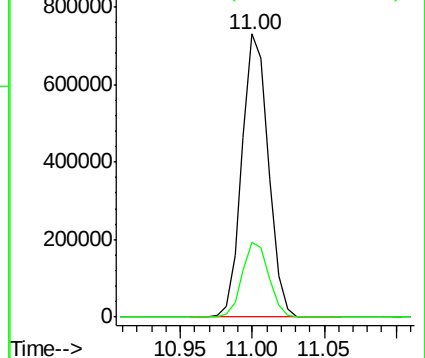
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 60.352 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Tgt Ion: 43 Resp: 465041

Ion Ratio Lower Upper

43 100

70 45.2 36.1 54.1

55 24.8 20.2 30.4

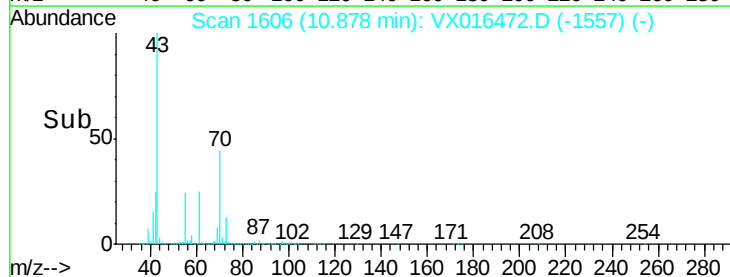
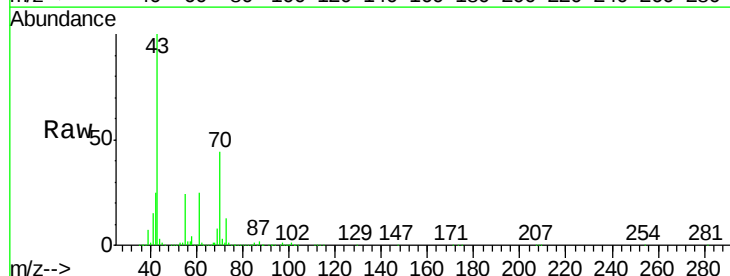
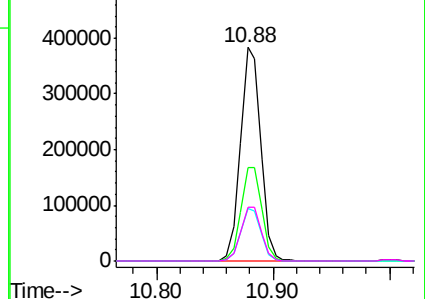
61 25.7 20.3 30.5

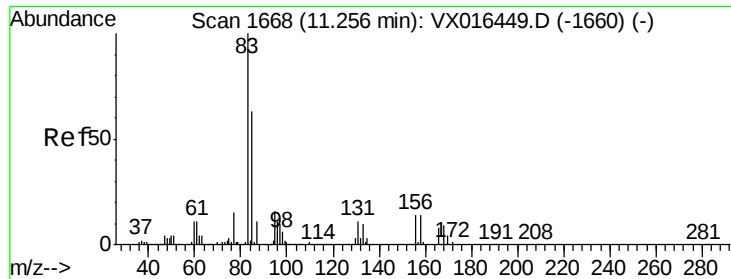
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 58.099 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

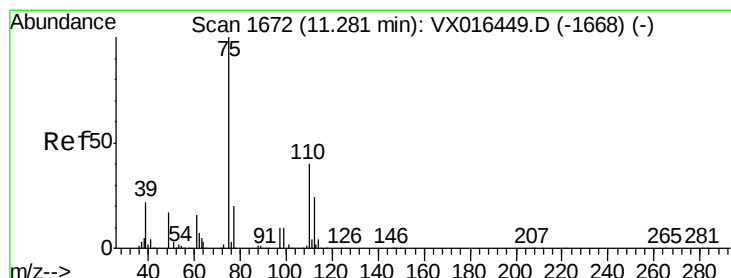
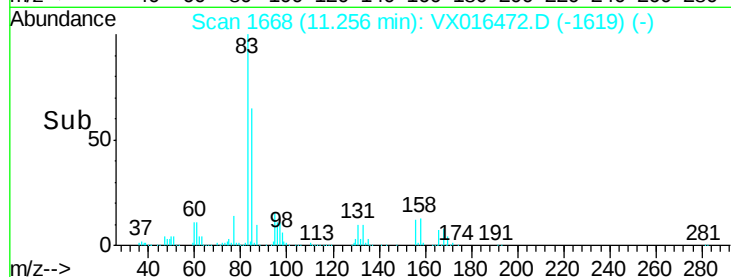
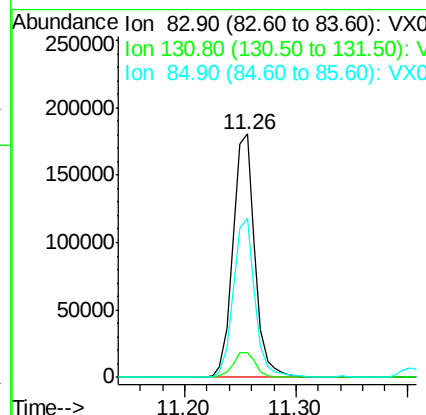
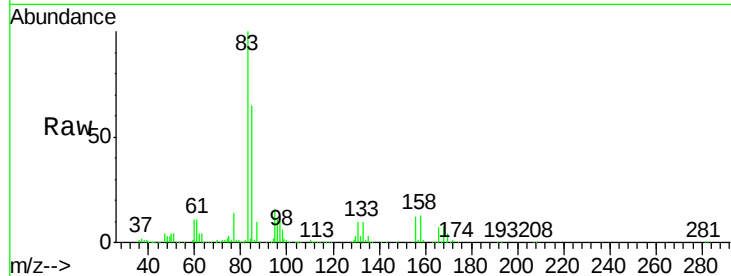
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	243926
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	64.5	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 58.644 ug/l m

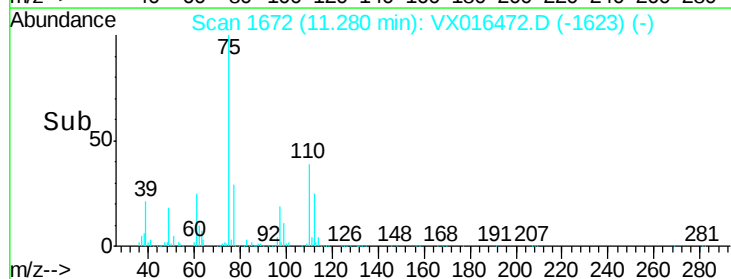
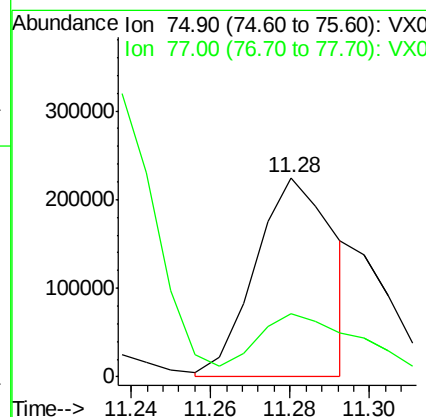
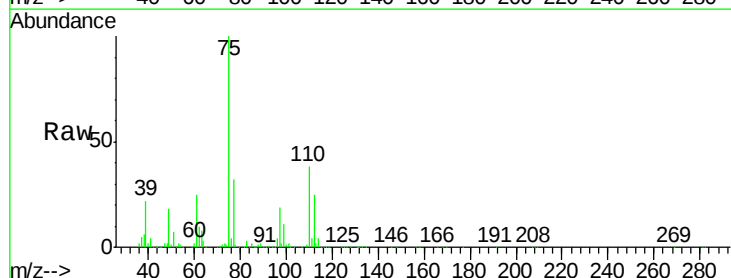
RT: 11.28 min Scan# 1672

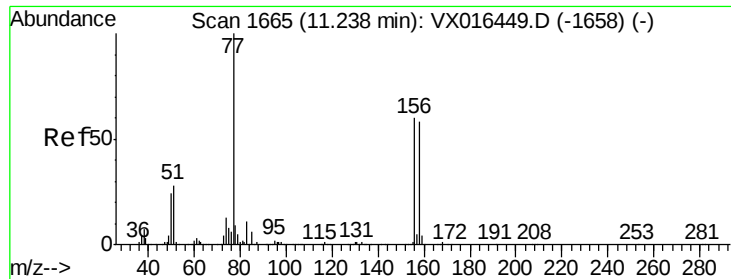
Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Tgt Ion:	75	Resp:	311652
Ion Ratio	Lower	Upper	
75	100		
77	41.9	21.3	63.7





#77

Bromobenzene

Concen: 56.400 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

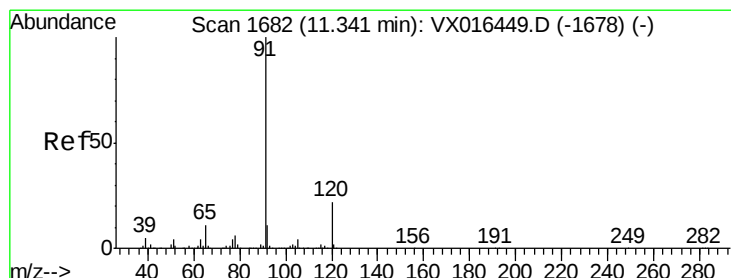
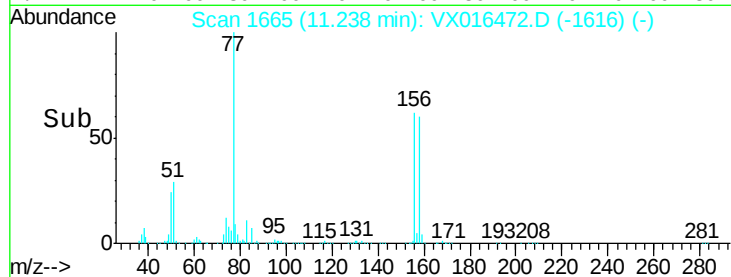
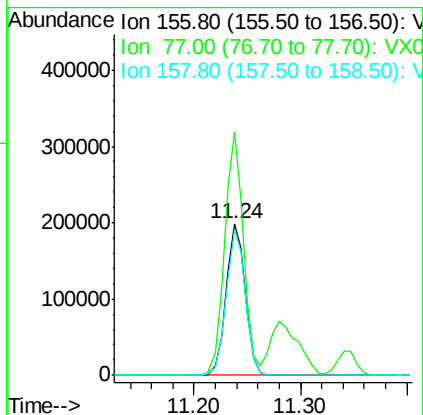
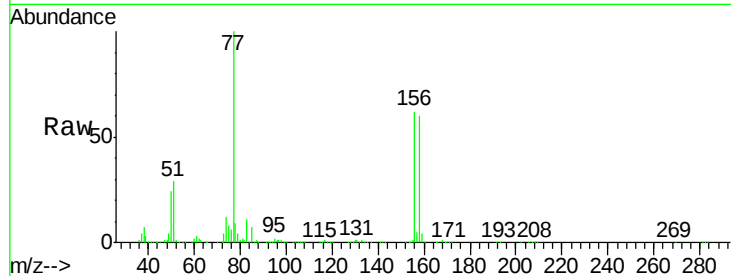
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		247806		
77	159.5	79.6	238.8		
158	96.3	48.1	144.4		

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#78

n-propylbenzene

Concen: 56.717 ug/l

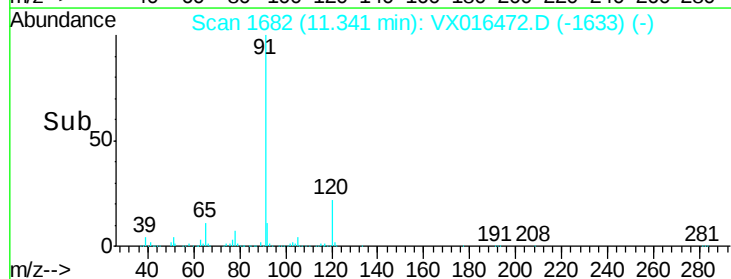
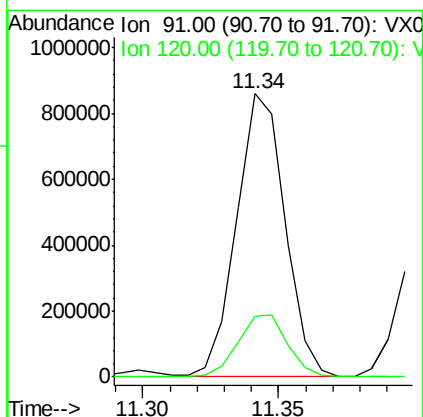
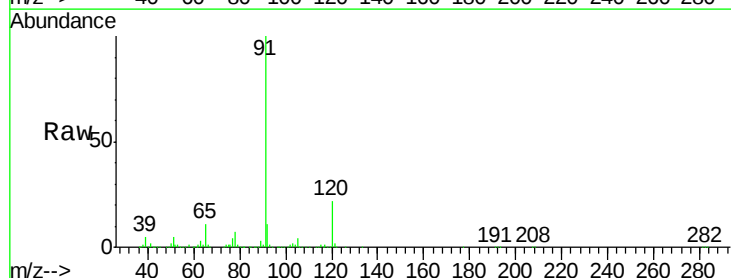
RT: 11.34 min Scan# 1682

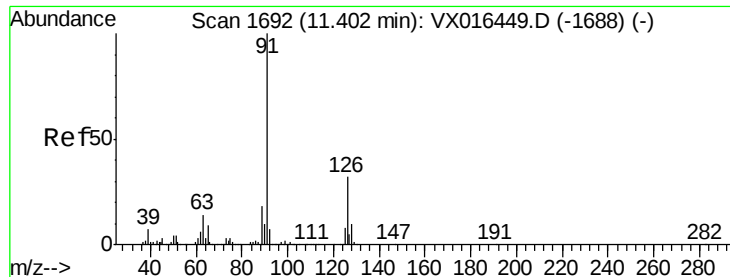
Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1061501		
120	22.5	11.6	34.7		





#79

2-Chlorotoluene

Concen: 56.510 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 645570

Ion Ratio Lower Upper

91 100

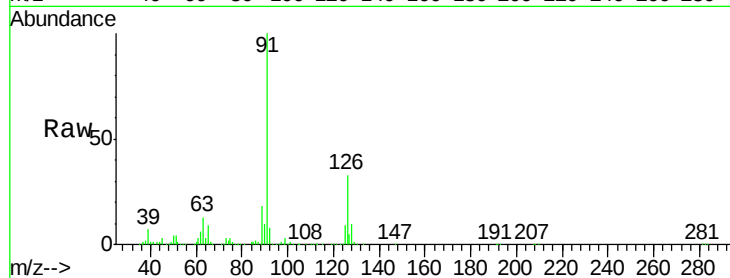
126 33.2 16.8 50.3

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Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016449.D (-1688) (-)

1000000

800000

600000

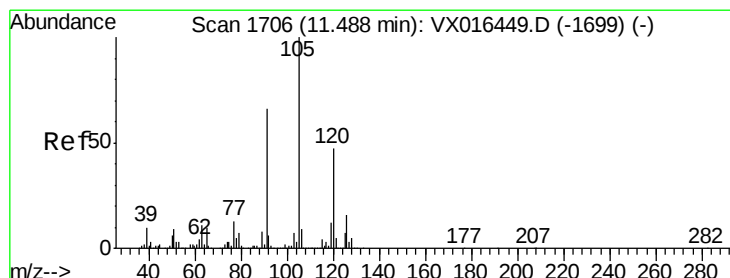
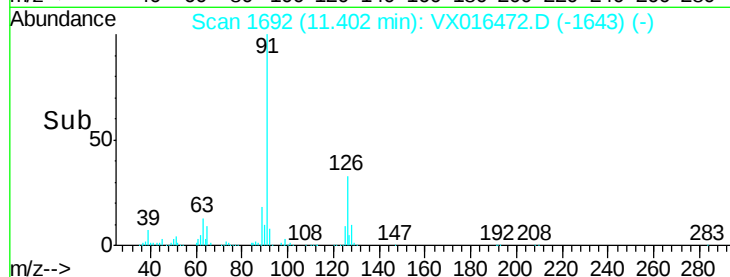
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 55.616 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016472.D

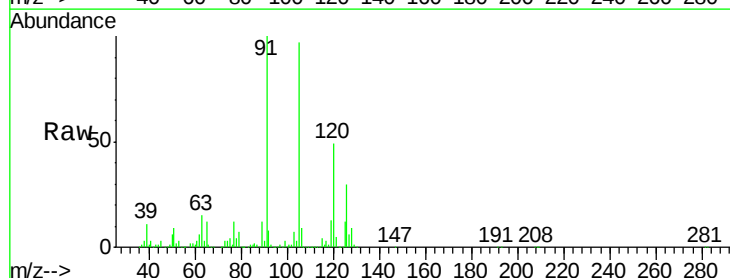
Acq: 28 May 2020 09:55

Tgt Ion: 105 Resp: 777940

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016449.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX016449.D (-1699) (-)

600000

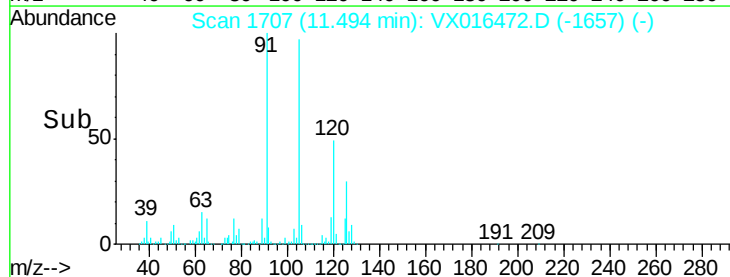
400000

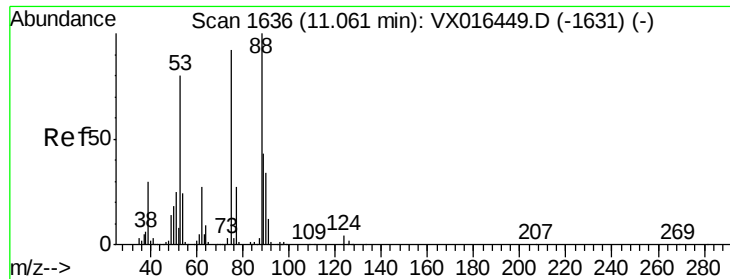
200000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 59.219 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 127939

Ion Ratio Lower Upper

75 100

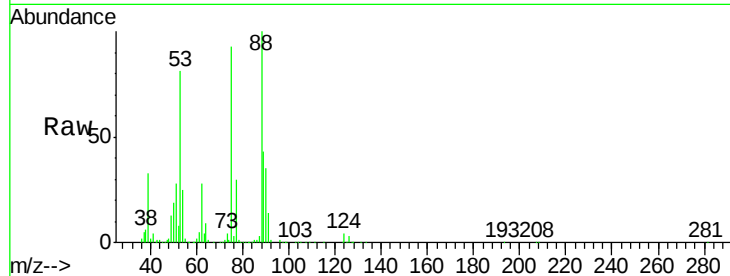
53 88.7 71.3 106.9

89 54.9 36.6 55.0

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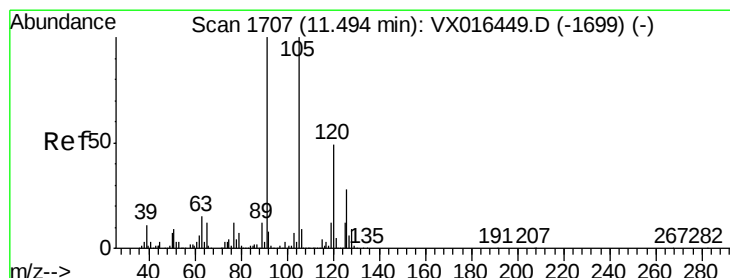
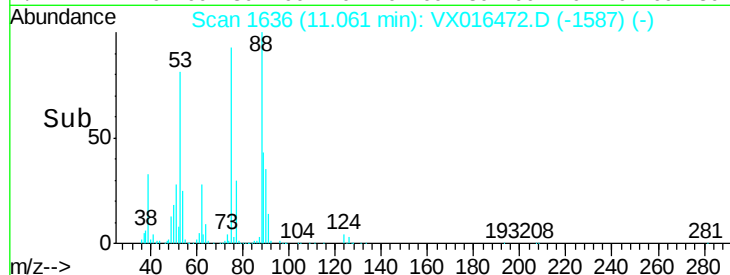
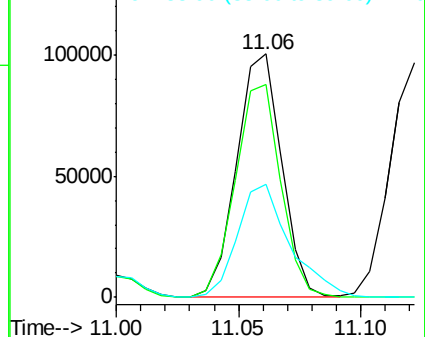
5/29/2020 10:57:39 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 56.049 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016472.D

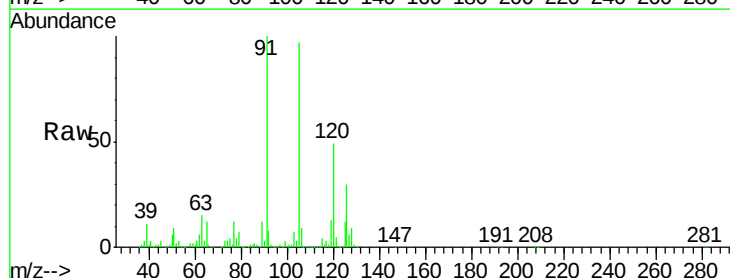
Acq: 28 May 2020 09:55

Tgt Ion: 91 Resp: 756127

Ion Ratio Lower Upper

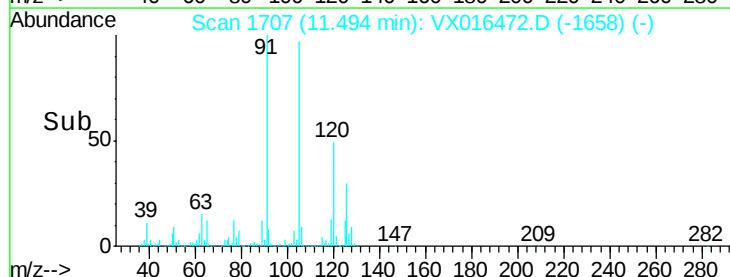
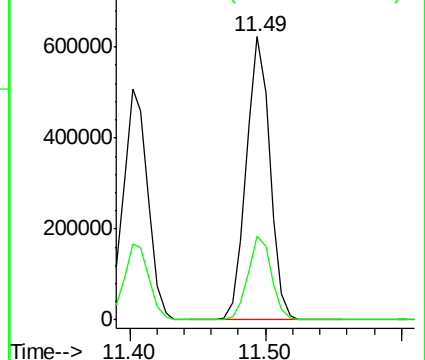
91 100

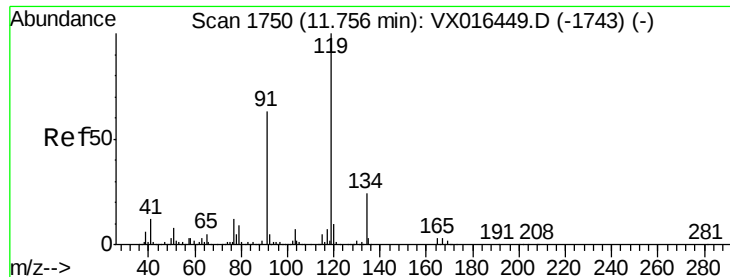
126 29.4 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





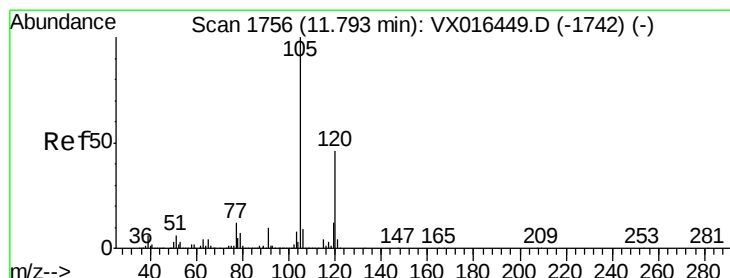
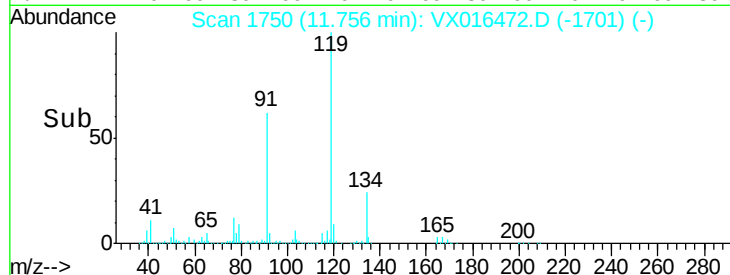
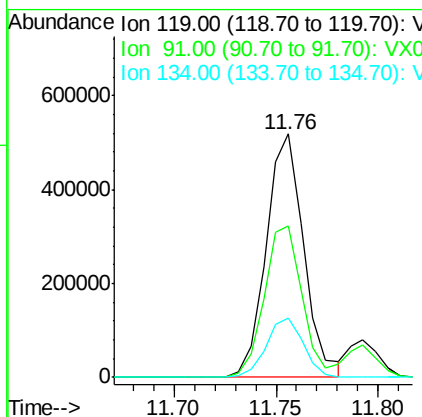
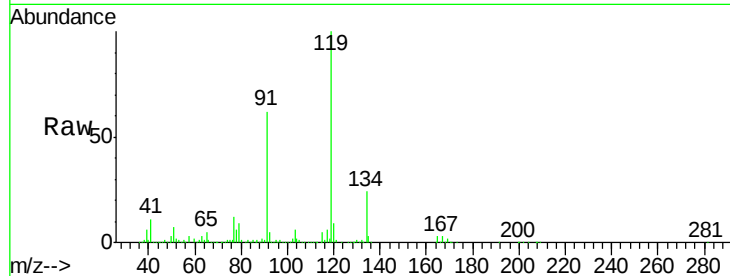
#83
tert-Butylbenzene
Concen: 55.551 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	663947		
91	62.2	31.3	93.8	
134	24.0	12.0	36.0	

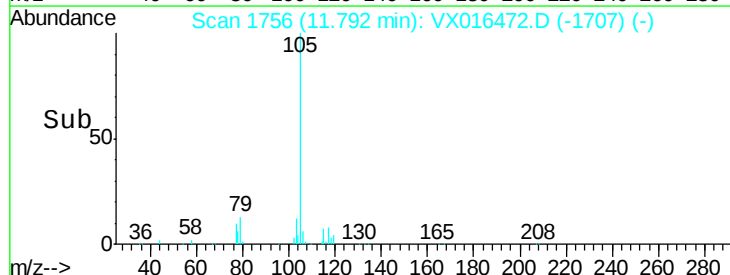
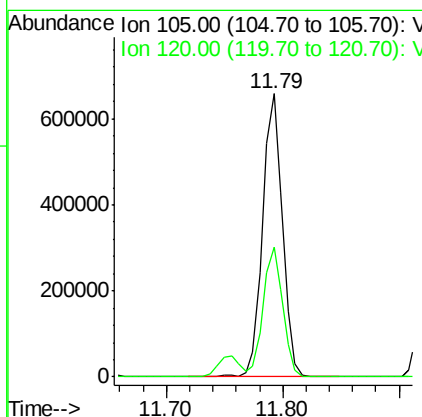
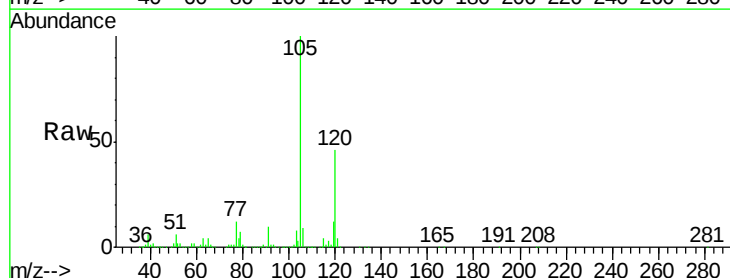
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 55.455 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	784476		
120	45.2	22.6	67.7	





#85

sec-Butylbenzene

Concen: 57.038 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 855182

Ion Ratio Lower Upper

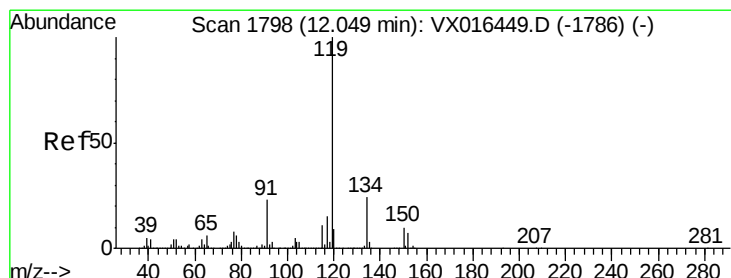
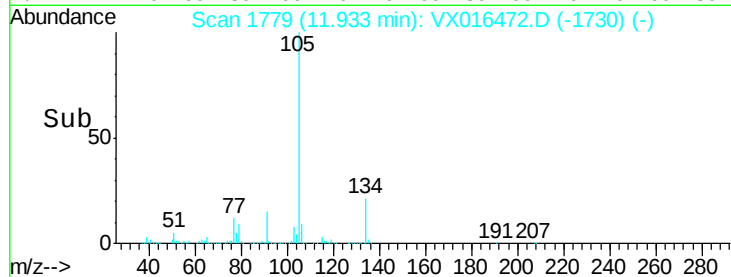
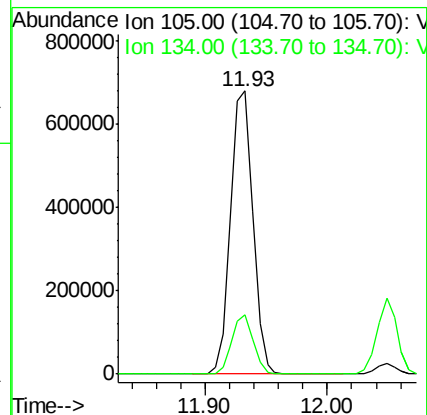
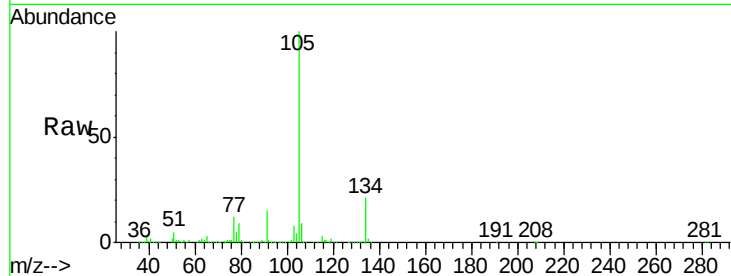
105 100

134 20.1 10.1 30.3

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 57.746 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016472.D

Acq: 28 May 2020 09:55

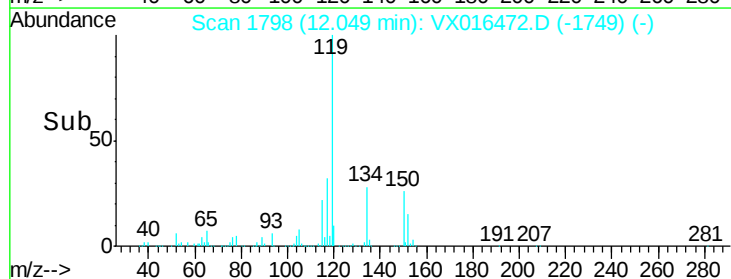
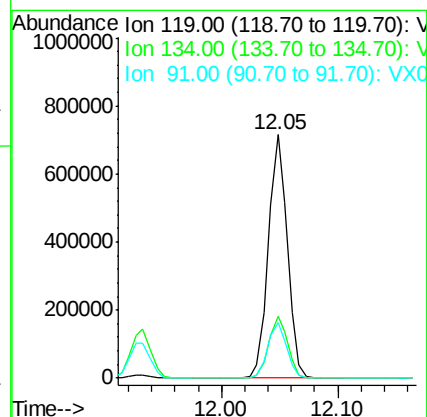
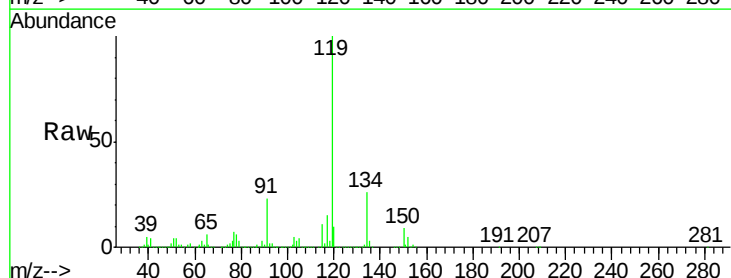
Tgt Ion:119 Resp: 811034

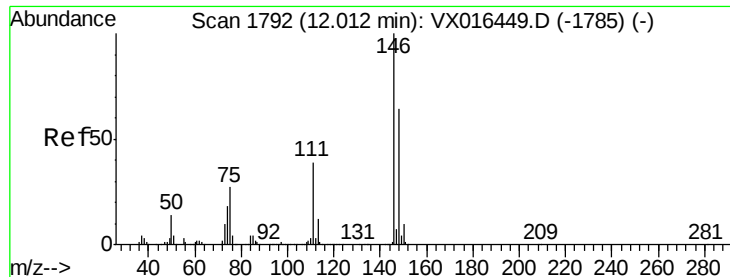
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.0

91 23.1 11.7 35.0





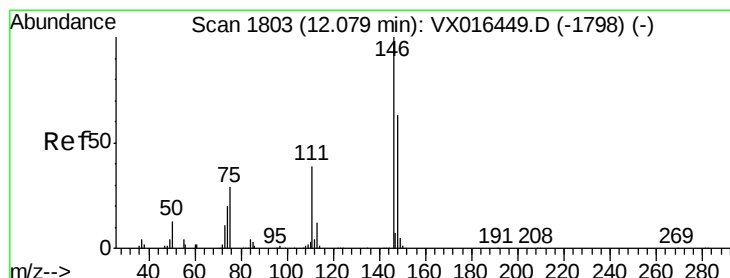
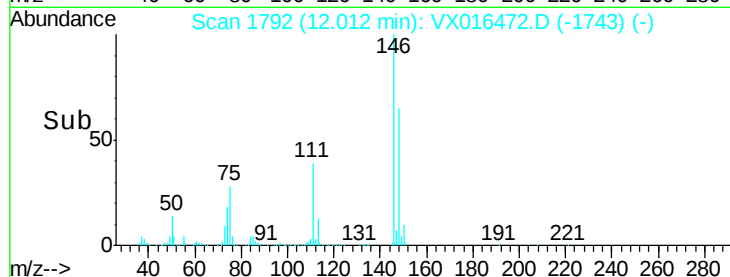
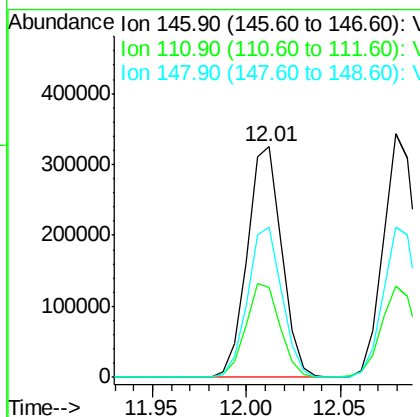
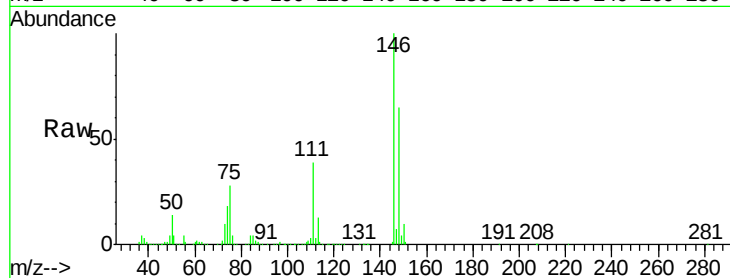
#87
 1,3-Dichlorobenzene
 Concen: 54.178 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016472.D
 Acq: 28 May 2020 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	64.7	31.9	95.5

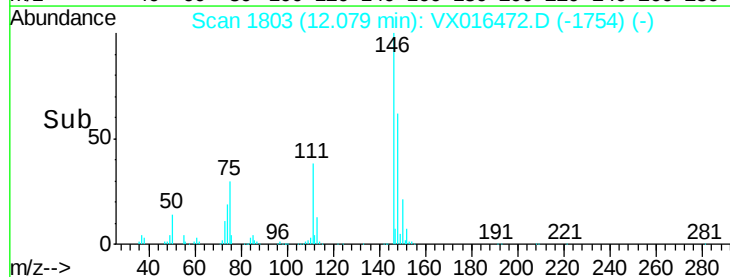
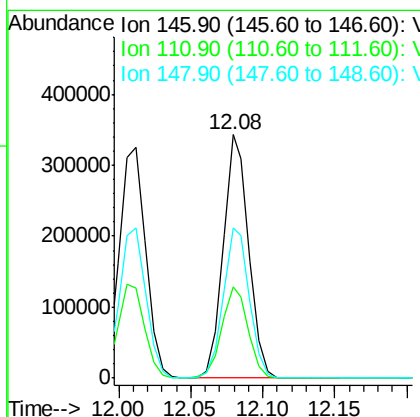
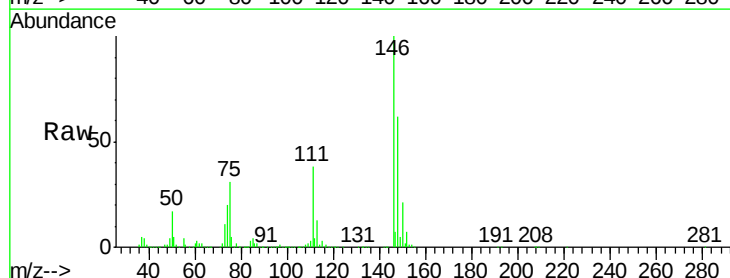
Manual Integrations
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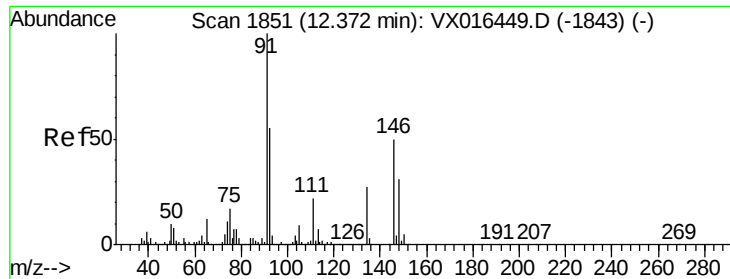
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#88
 1,4-Dichlorobenzene
 Concen: 54.576 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016472.D
 Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.2
148	63.3	31.4	94.3





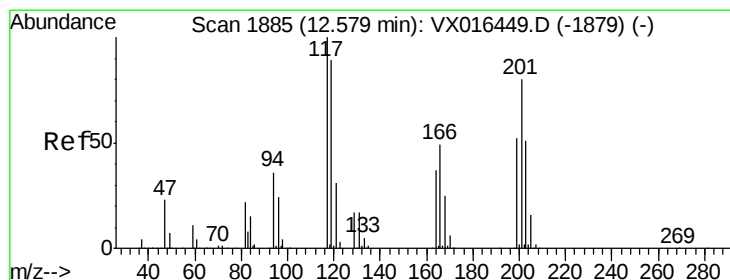
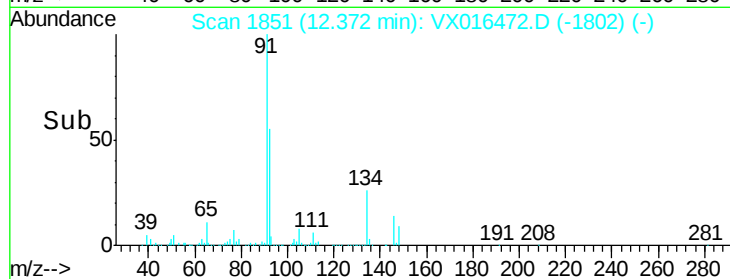
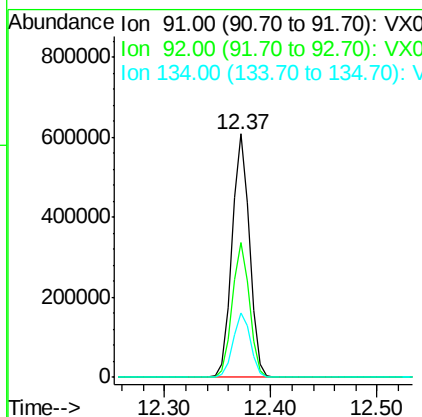
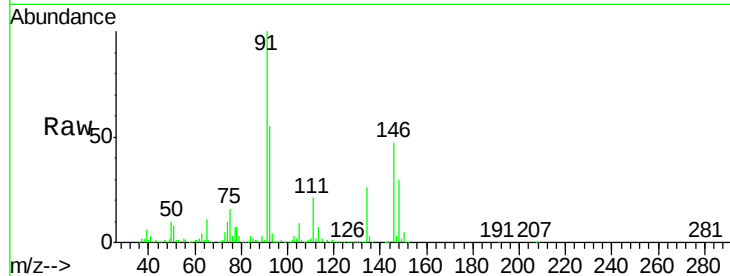
#89
n-Butylbenzene
Concen: 59.870 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.2	81.5
134	26.4	13.1	39.3

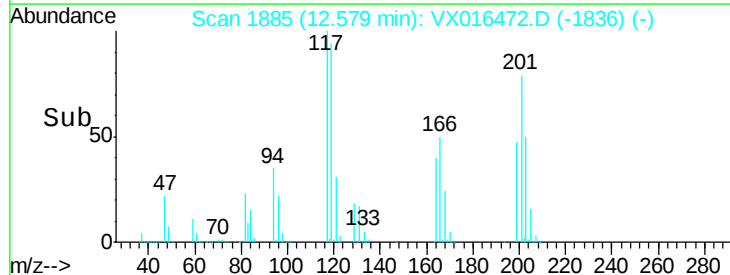
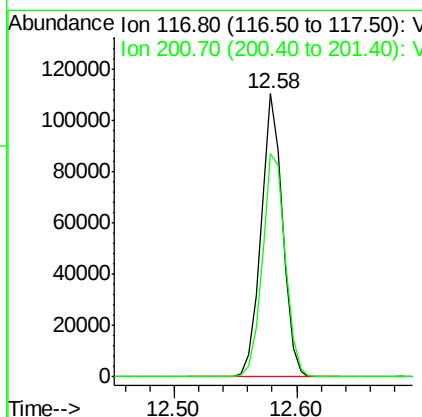
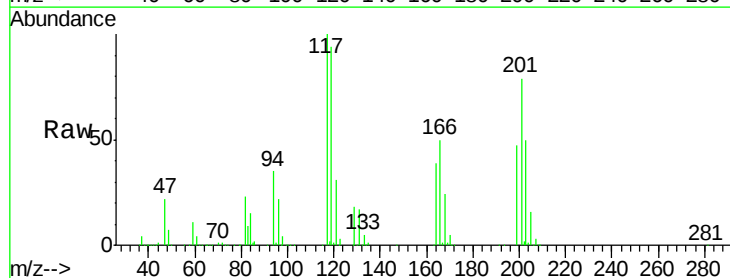
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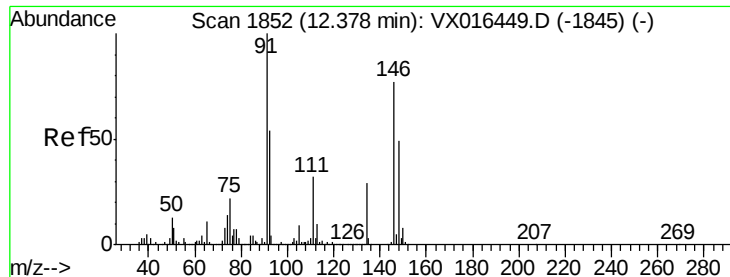
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#90
Hexachloroethane
Concen: 56.000 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.9	43.1	129.3





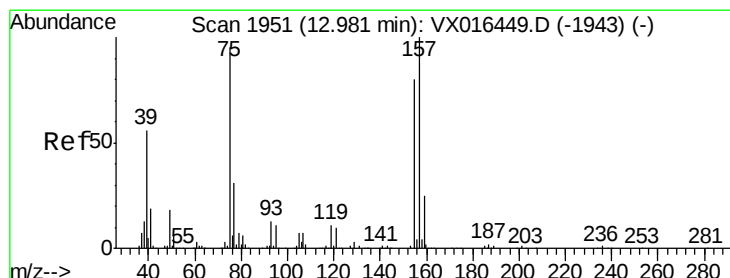
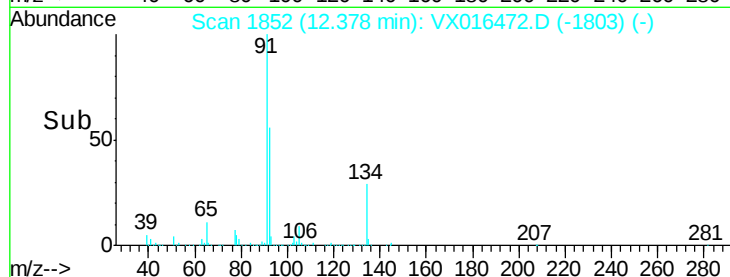
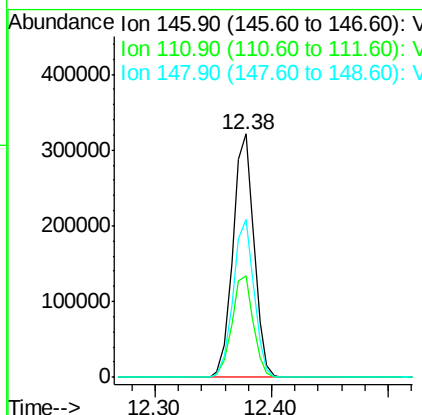
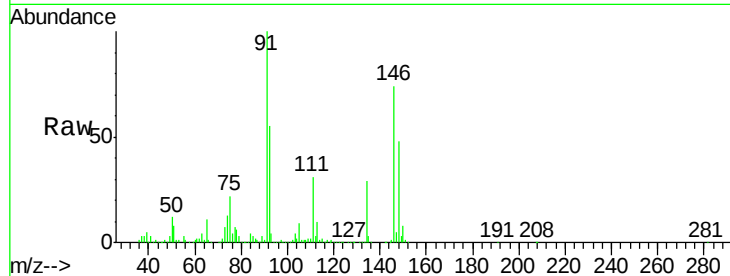
#91
 1,2-Dichlorobenzene
 Concen: 55.004 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016472.D
 Acq: 28 May 2020 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	405655		
111	42.0		21.4	64.3
148	64.2		31.9	95.7

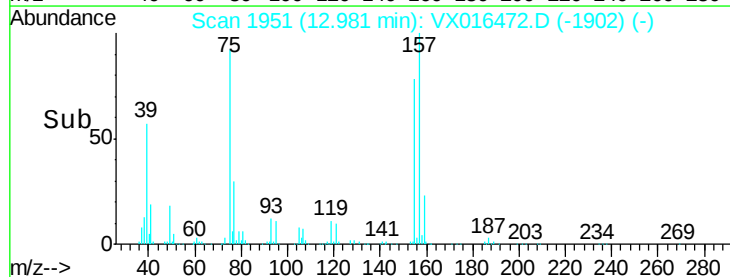
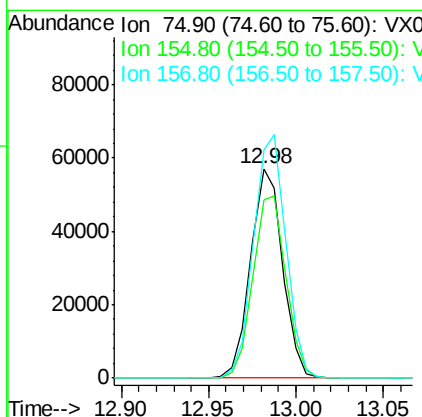
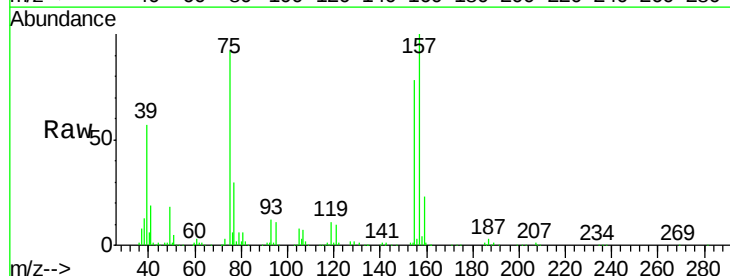
Manual Integrations
 APPROVED

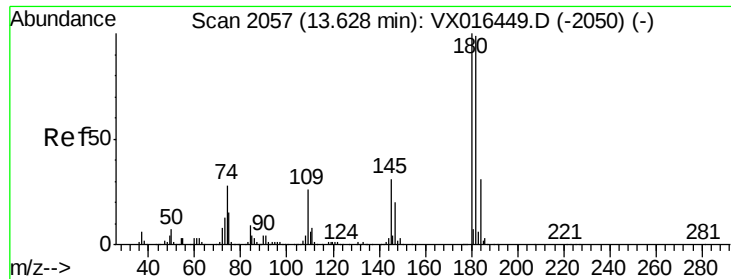
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 5/29/2020 10:57:39 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.436 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016472.D
 Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72668		
155	89.6		44.1	132.4
157	117.2		57.8	173.3





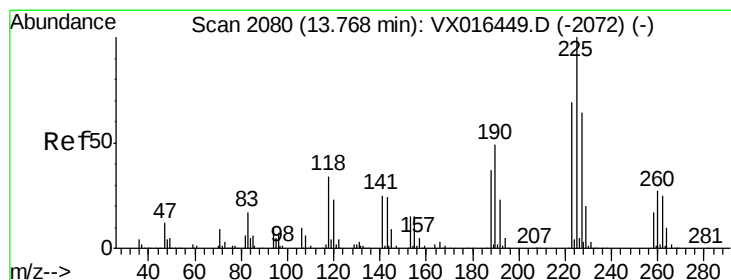
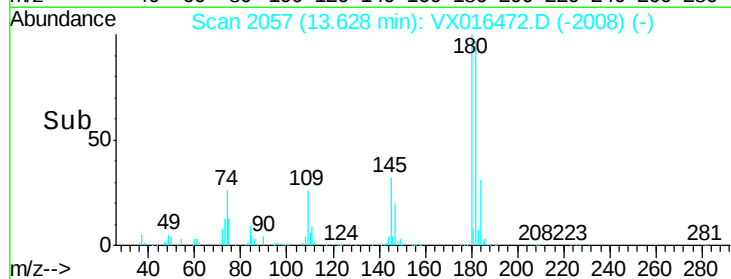
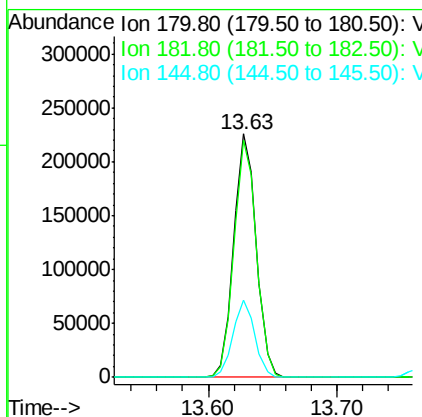
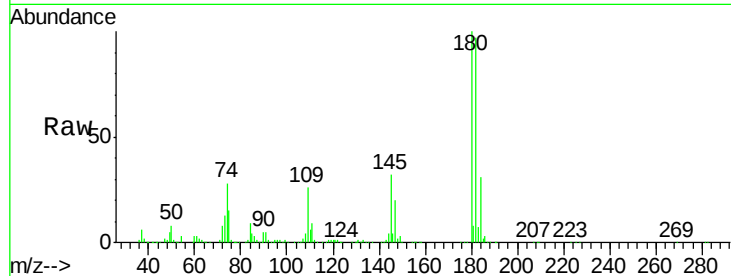
#93
 1,2,4-Trichlorobenzene
 Concen: 56.130 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016472.D
 Acq: 28 May 2020 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	274923		
182	97.2	48.3	144.8	
145	31.0	15.4	46.2	

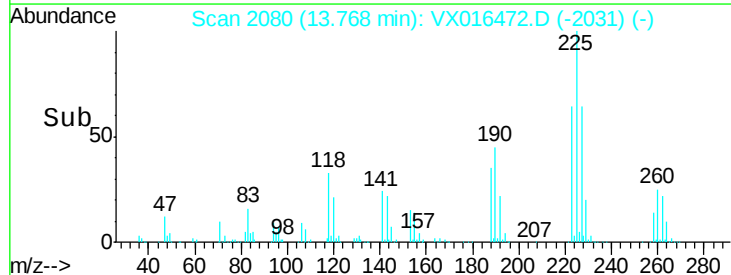
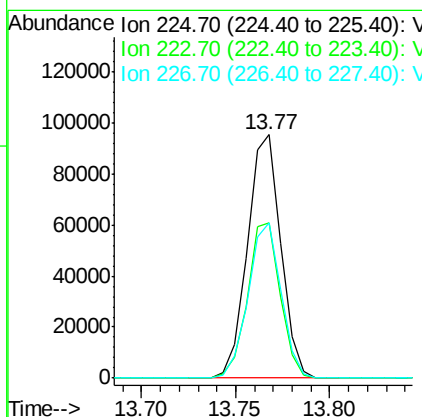
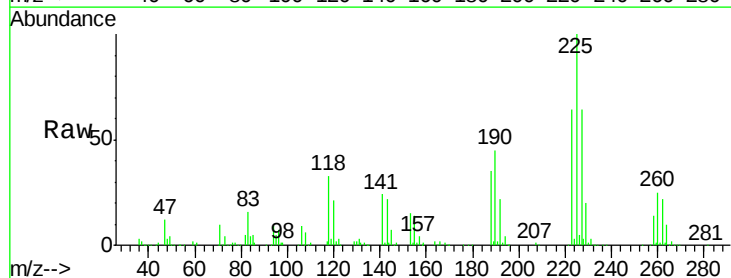
Manual Integrations
 APPROVED

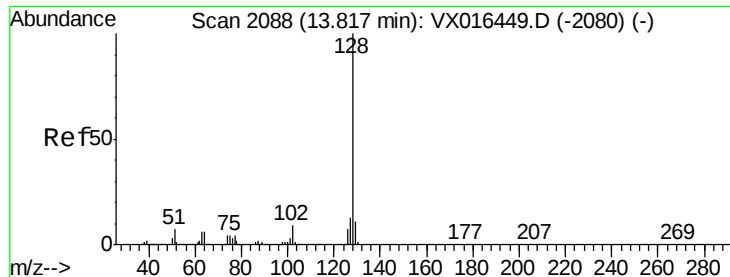
MMDadoda
 5/29/2020 10:57:39 AM



#94
 Hexachlorobutadiene
 Concen: 60.671 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016472.D
 Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	116674		
223	63.0	32.3	96.8	
227	63.0	31.6	94.7	





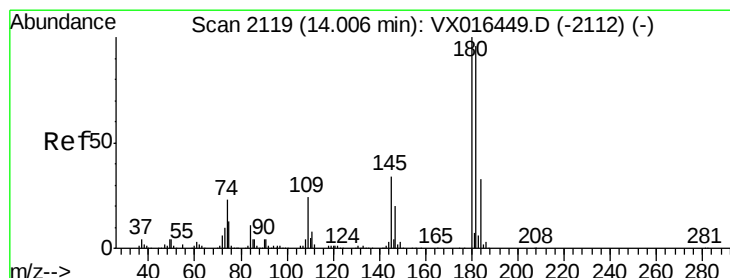
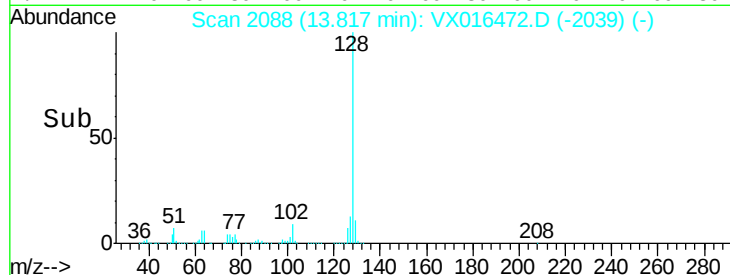
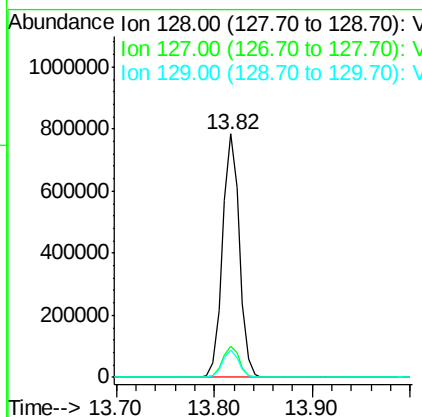
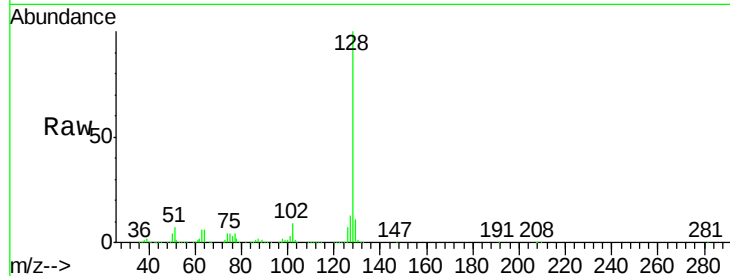
#95
Naphthalene
Concen: 55.387 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	929997		
127	13.0		10.6	15.8
129	11.0		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/29/2020 10:57:39 AM



#96
1,2,3-Trichlorobenzene
Concen: 56.291 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016472.D
Acq: 28 May 2020 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	270116		
182	95.1		48.6	145.8
145	33.0		16.6	49.8

