

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070820\
 Data File : VX017295.D
 Acq On : 09 Jul 2020 06:36
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 11:00:10 AM

Quant Time: Jul 09 07:15:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	48368	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	251171	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	243527	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	105052	27.90	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.00%
60) 4-Bromofluorobenzene	11.12	95	123659	30.45	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.50%
63) Toluene-d8	8.70	98	309902	28.87	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.23%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	45030	19.145	ug/l 97
3) Chloromethane	1.32	50	47323	14.837	ug/l 99
4) Vinyl Chloride	1.39	62	47913	14.730	ug/l 95
5) Bromomethane	1.64	94	35630	15.213	ug/l 100
6) Chloroethane	1.71	64	30723	14.645	ug/l 96
7) Trichlorofluoromethane	1.92	101	86696	16.389	ug/l 99
8) Diethyl Ether	2.17	74	28164	14.632	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46784	16.664	ug/l 92
10) 1,1-Dichloroethene	2.36	96	46421	16.765	ug/l 83
11) Methyl Iodide	2.50	142	44005	11.902	ug/l 99
12) Methyl Acetate	2.75	43	62291	17.834	ug/l 96
13) Acrolein	2.28	56	46227	83.877	ug/l 99
14) Acrylonitrile	3.12	53	137903	83.362	ug/l 99
15) Acetone	2.42	58	37758	88.198	ug/l 96
16) Carbon Disulfide	2.55	76	127642	14.664	ug/l 97
17) Allyl chloride	2.71	41	78503	15.145	ug/l 99
18) Methylene Chloride	2.84	84	54495	16.340	ug/l 94
19) trans-1,2-Dichloroethene	3.15	96	51616	16.452	ug/l 92
20) Diisopropyl ether	3.83	45	165810	16.006	ug/l # 87
21) 1,1-Dichloroethane	3.67	63	94111	16.476	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	58128	16.641	ug/l 90
23) tert-Butyl Alcohol	3.01	59	57493	78.458	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	165267	16.716	ug/l 99
25) Chloroform	5.18	83	98714	17.045	ug/l 96
26) Cyclohexane	5.55	56	72723	14.595	ug/l # 94
29) 1,1-Dichloropropene	5.78	75	69240	16.922	ug/l 97
30) 2-Butanone	4.64	43	187456	87.894	ug/l 98
31) 2,2-Dichloropropane	4.55	77	54859	11.691	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	92579	18.699	ug/l 96
33) Carbon Tetrachloride	5.76	117	83447	19.005	ug/l 98
34) Benzene	6.12	78	208338	17.487	ug/l 97
35) Methacrylonitrile	5.01	41	41294	17.544	ug/l 94
36) 1,2-Dichloroethane	6.17	62	81356	17.830	ug/l 99
37) Trichloroethene	7.19	130	60381	18.573	ug/l 89
38) Methylcyclohexane	7.44	83	69956	15.013	ug/l 97
39) 1,2-Dichloropropane	7.49	63	53169	17.130	ug/l 100
40) Dibromomethane	7.63	93	38902	18.185	ug/l 91

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	79721	17.997	ug/l #	92
42) Vinyl Acetate	3.79	43	708807	82.472	ug/l	99
43) Ethyl Acetate	4.80	43	75295	17.044	ug/l	97
44) Isopropyl Acetate	6.42	43	120531	16.552	ug/l	97
45) 1,4-Dioxane	7.71	88	23544	320.492	ug/l	98
46) Methyl methacrylate	7.74	41	58763	17.438	ug/l	94
47) n-amyl Acetate	10.88	43	104146	16.181	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	79711	16.274	ug/l	97
49) cis-1,3-Dichloropropene	8.41	75	83987	16.316	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	55900	18.724	ug/l	94
51) Ethyl methacrylate	9.16	69	78416	17.115	ug/l	97
52) 1,3-Dichloropropane	9.35	76	94461	18.429	ug/l	99
53) Dibromochloromethane	9.57	129	67279	19.606	ug/l	99
54) 1,2-Dibromoethane	9.65	107	60816	19.197	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	219587	91.073	ug/l	98
56) Bromoform	10.84	173	52472	21.541	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	382609	85.293	ug/l	97
59) 2-Hexanone	9.47	43	282738	84.454	ug/l	97
61) Tetrachloroethene	9.32	164	60848	19.592	ug/l	96
62) Toluene	8.77	91	224745	16.873	ug/l	98
64) Chlorobenzene	10.12	112	149588	17.926	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	60753	19.339	ug/l	97
66) Ethyl Benzene	10.23	91	245743	16.637	ug/l	98
67) m/p-Xylenes	10.34	106	191529	34.373	ug/l	98
68) o-Xylene	10.68	106	89028	16.633	ug/l	99
69) Styrene	10.70	104	159855	17.442	ug/l	98
70) Isopropylbenzene	11.00	105	248113	17.091	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	79288	17.784	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	77828m	18.177	ug/l	
73) Bromobenzene	11.24	156	67950	18.546	ug/l	95
74) n-propylbenzene	11.34	91	280287	16.261	ug/l	98
75) 2-Chlorotoluene	11.40	91	175648	17.475	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	212579	17.445	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	23907	13.778	ug/l	95
78) 4-Chlorotoluene	11.49	91	208947	17.557	ug/l	100
79) tert-butylbenzene	11.76	119	204032	17.478	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	216772	17.719	ug/l	99
81) sec-Butylbenzene	11.93	105	231716	16.395	ug/l	99
82) p-Isopropyltoluene	12.05	119	215330	16.874	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	124732	18.997	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	123539	18.727	ug/l	97
85) n-Butylbenzene	12.37	91	178571	15.118	ug/l	99
86) Hexachloroethane	12.58	117	43487	17.413	ug/l	87
87) 1,2-Dichlorobenzene	12.38	146	119010	19.365	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	18764	18.498	ug/l	90
89) 1,2,4-Trichlorobenzene	13.63	180	78335	18.893	ug/l	99
90) Hexachlorobutadiene	13.76	225	32688	20.725	ug/l	100
91) Naphthalene	13.82	128	240019	17.661	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	79370	19.616	ug/l	97

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ClientSampleId :
VSTDCCC020EC

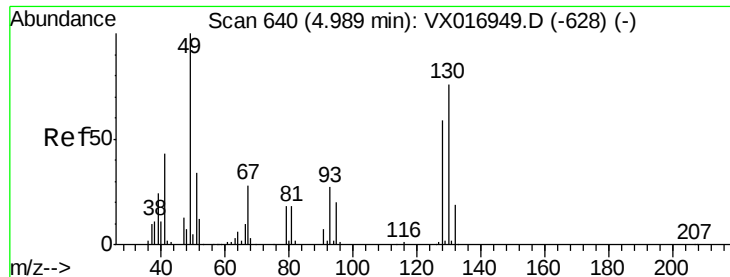
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:128 Resp: 48368

Ion Ratio Lower Upper

128 100

49 146.6 0.0 428.0

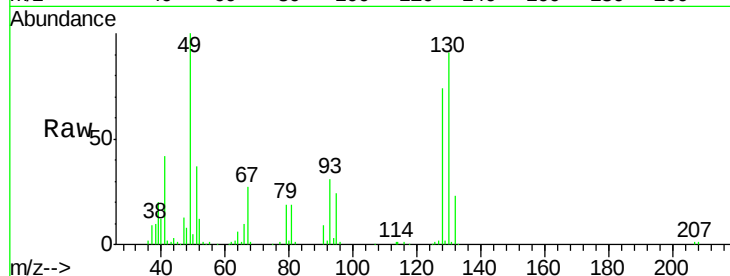
130 129.4 0.0 318.0

Manual Integrations

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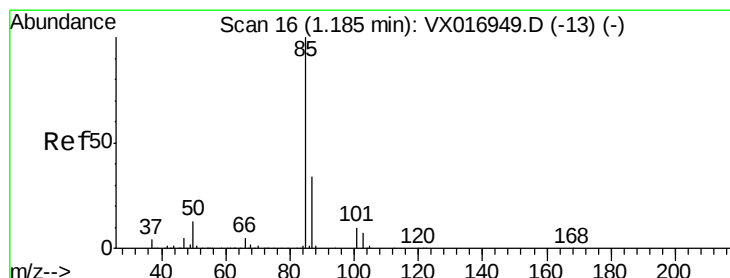
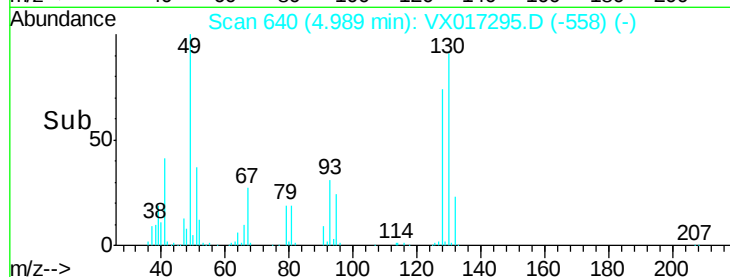
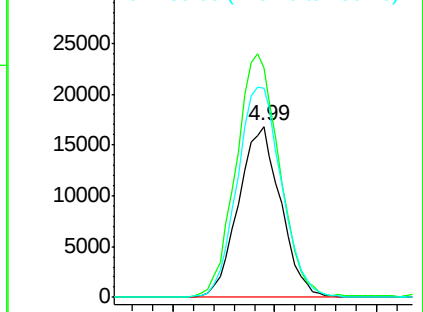
7/9/2020 11:00:10 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.145 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017295.D

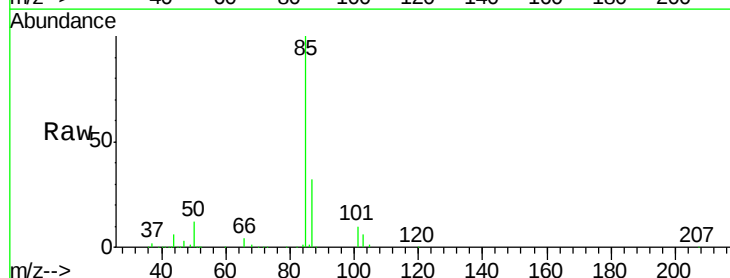
Acq: 09 Jul 2020 06:36

Tgt Ion: 85 Resp: 45030

Ion Ratio Lower Upper

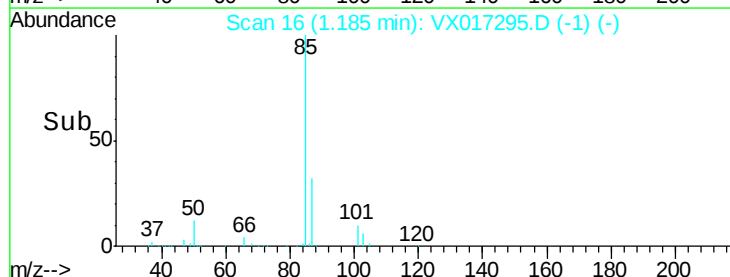
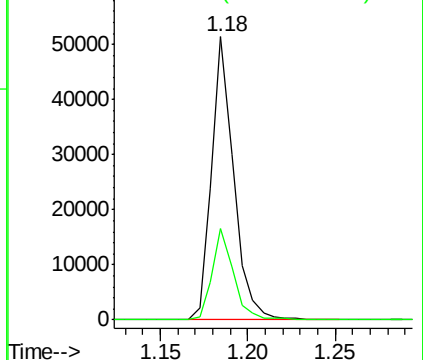
85 100

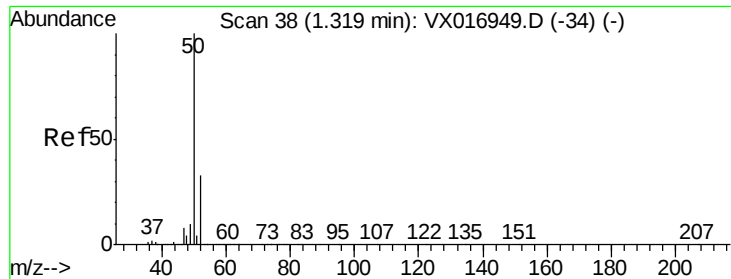
87 32.2 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 14.837 ug/l

RT: 1.32 min Scan# 38

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 47323

Ion Ratio Lower Upper

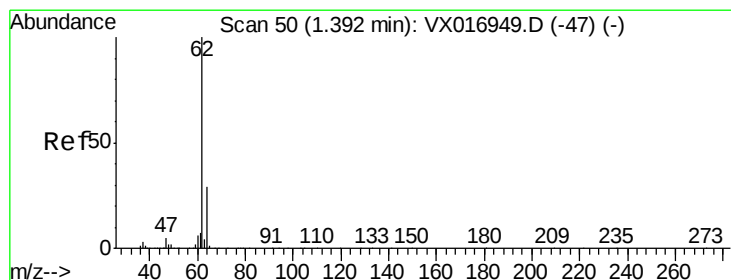
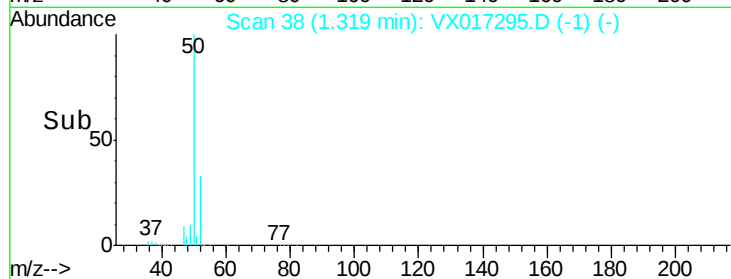
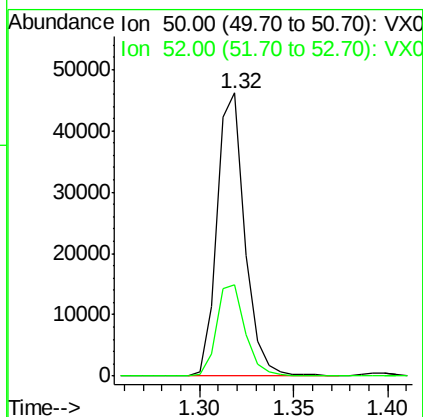
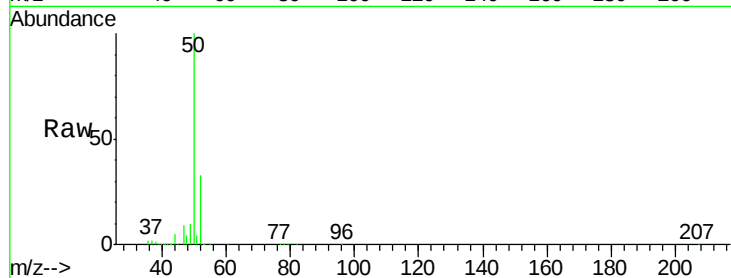
50 100

52 32.4 26.5 39.7

Manual Integrations
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#4

Vinyl Chloride

Concen: 14.730 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017295.D

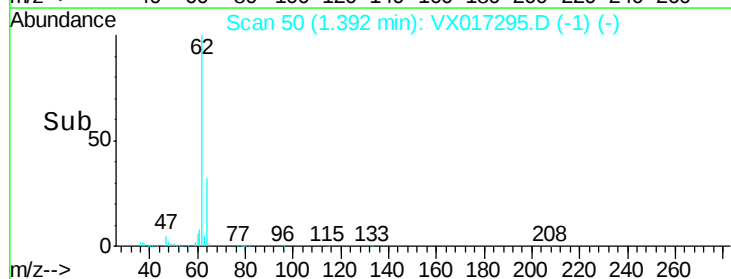
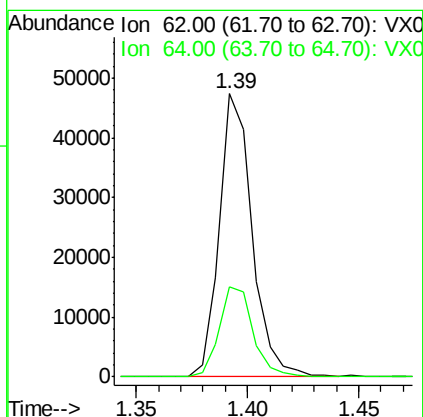
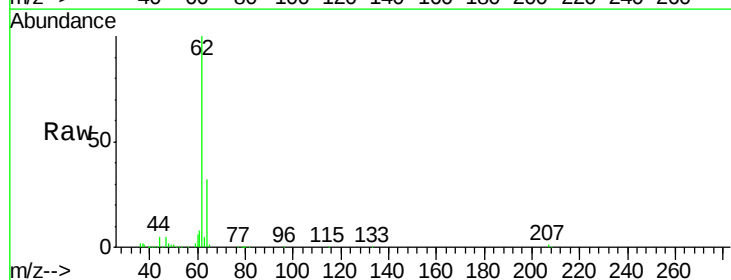
Acq: 09 Jul 2020 06:36

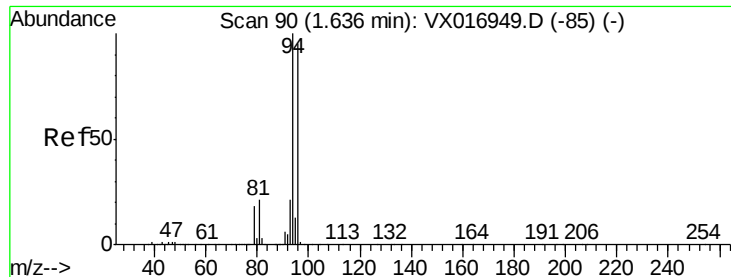
Tgt Ion: 62 Resp: 47913

Ion Ratio Lower Upper

62 100

64 31.7 23.4 35.0





#5

Bromomethane

Concen: 15.213 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 35630

Ion Ratio Lower Upper

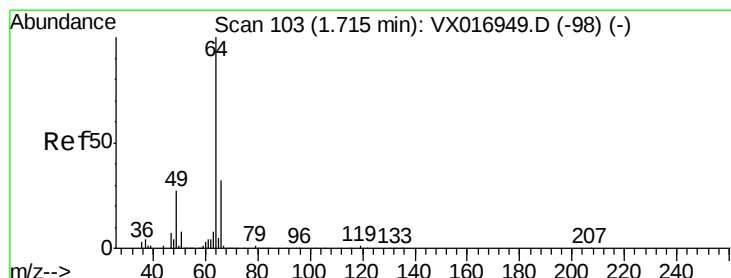
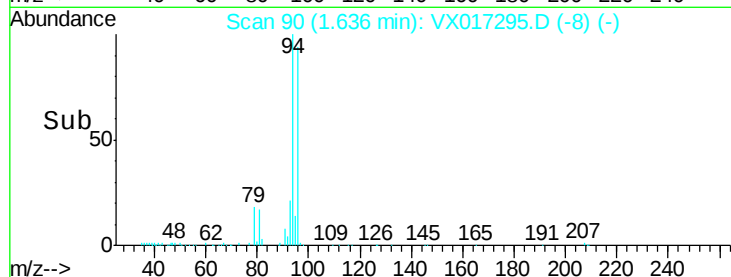
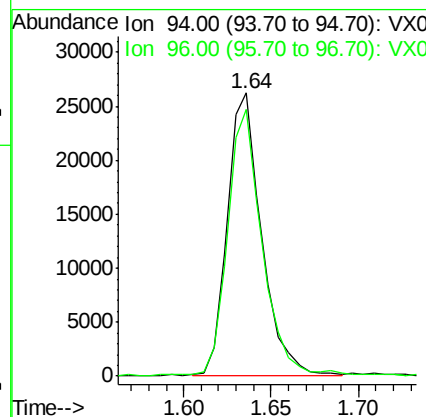
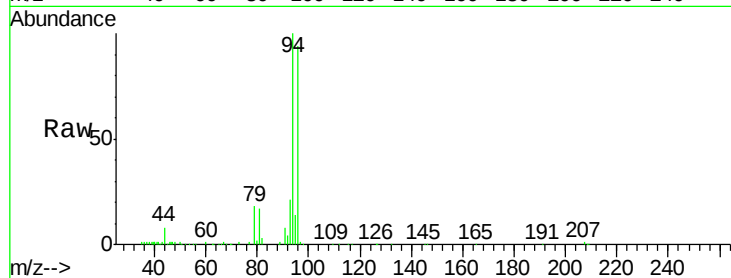
94 100

96 94.1 75.5 113.3

Manual Integrations
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#6

Chloroethane

Concen: 14.645 ug/l

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017295.D

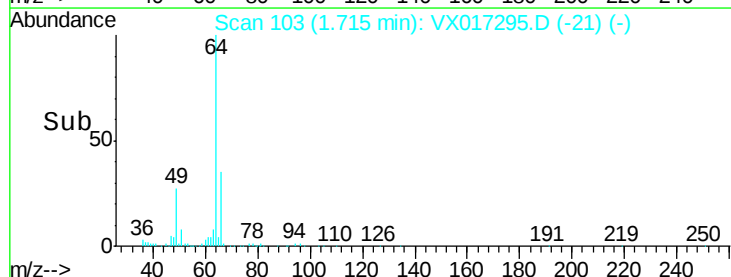
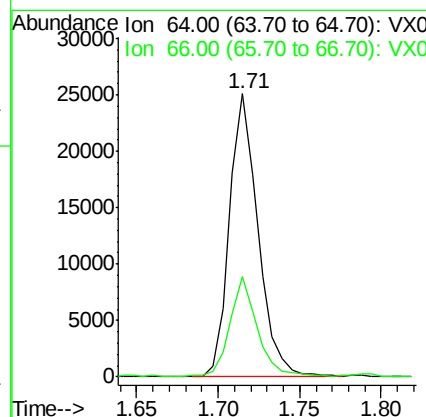
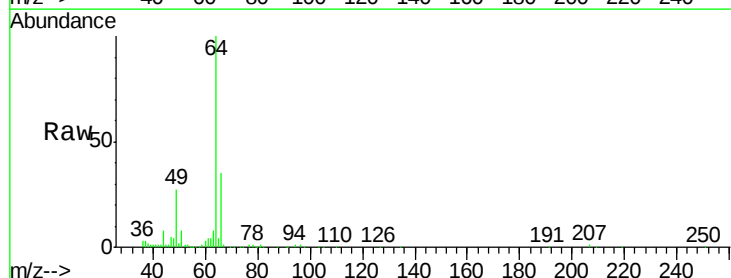
Acq: 09 Jul 2020 06:36

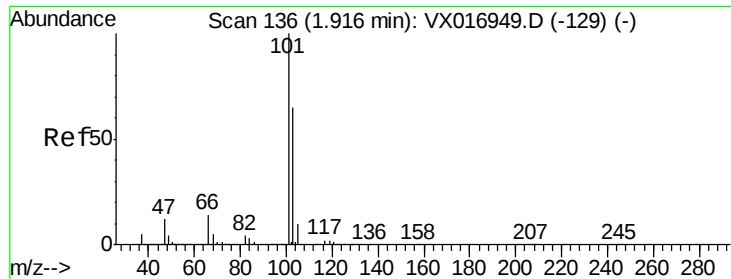
Tgt Ion: 64 Resp: 30723

Ion Ratio Lower Upper

64 100

66 35.0 26.1 39.1





#7

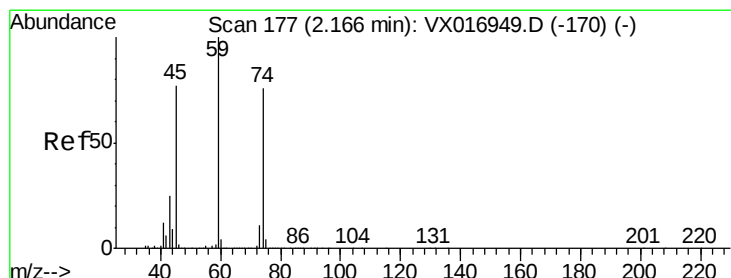
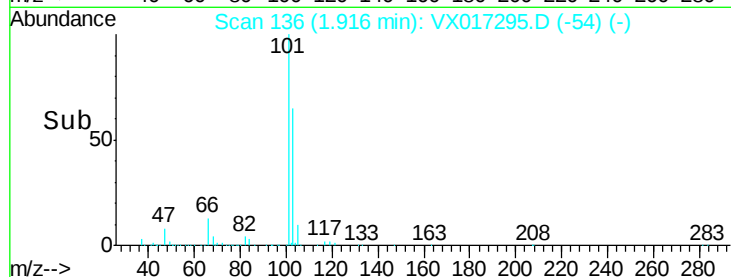
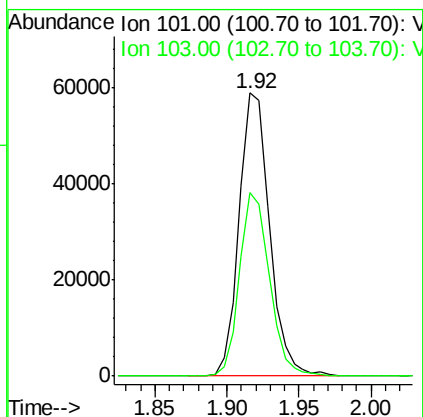
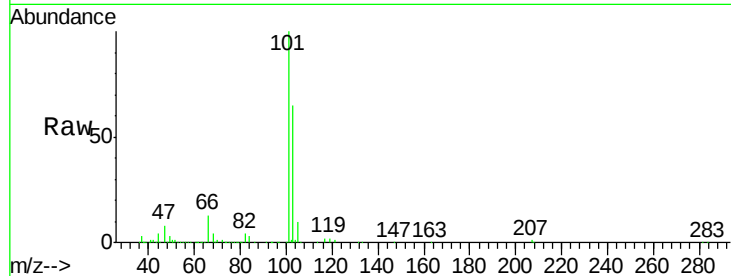
Trichlorofluoromethane
Concen: 16.389 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.1	78.1

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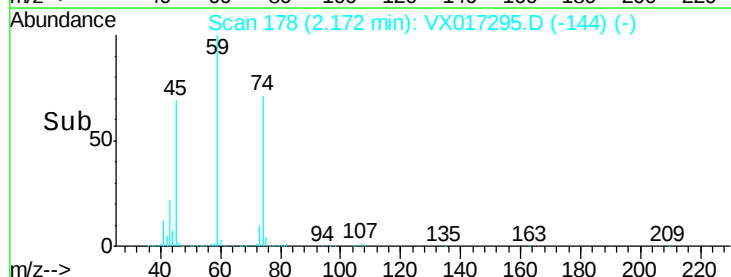
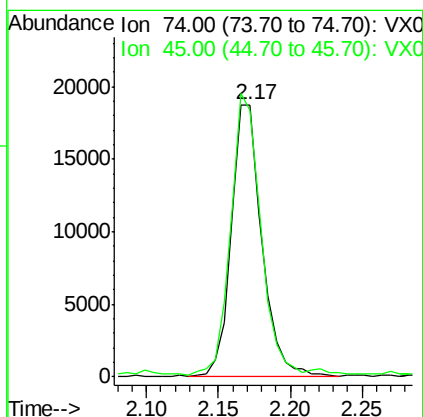
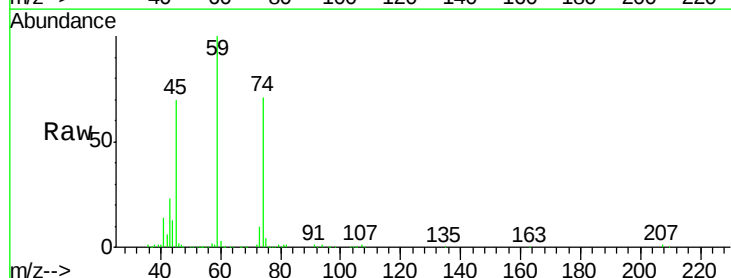
MMDadoda
7/9/2020 11:00:10 AM

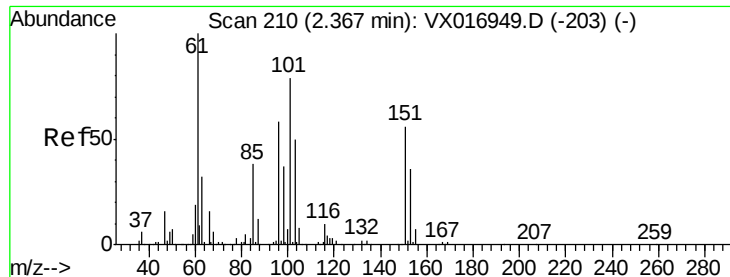


#8

Diethyl Ether
Concen: 14.632 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	19.8	178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.664 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

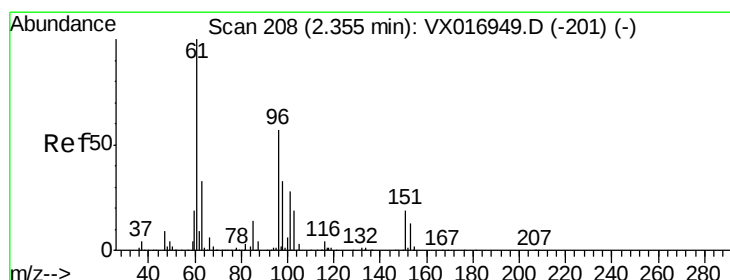
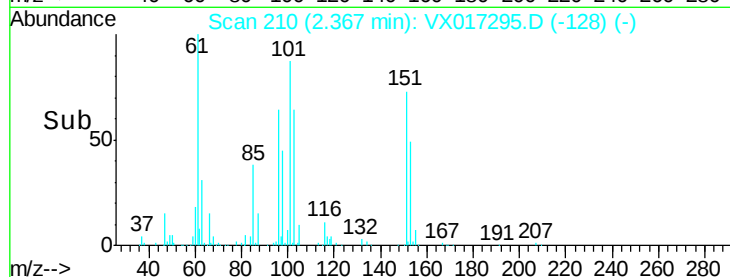
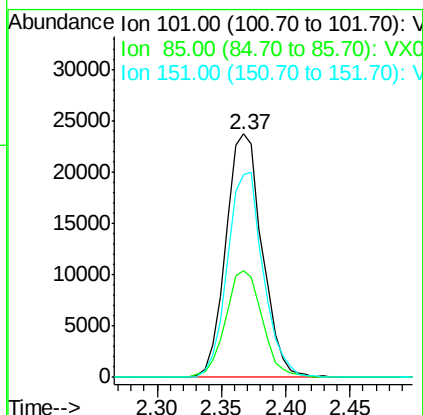
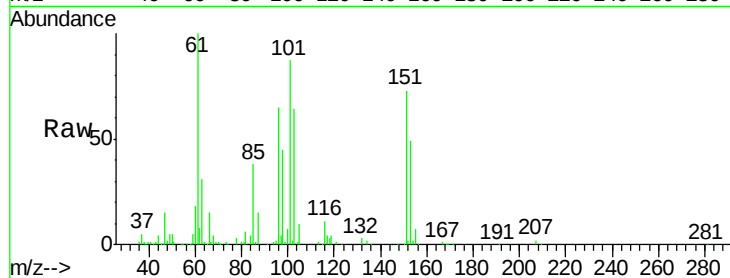
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	46784
Ion Ratio	Lower	Upper	
101	100		
85	44.4	0.0	94.6
151	82.3	0.0	145.8

Manual Integrations
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MMDadoda
7/9/2020 11:00:10 AM



#10

1,1-Dichloroethene

Concen: 16.765 ug/l

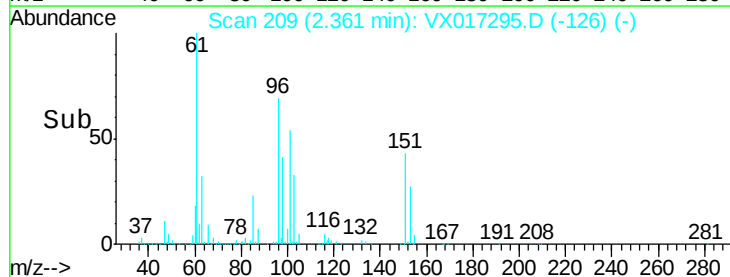
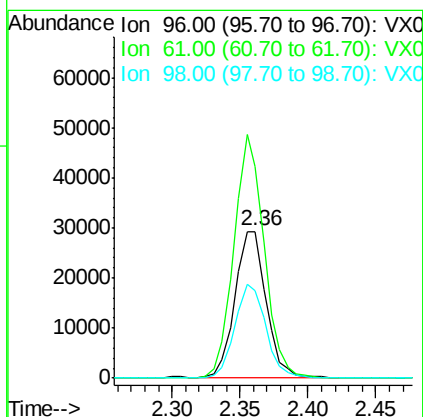
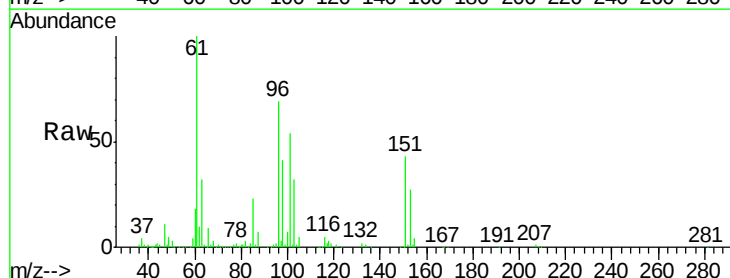
RT: 2.36 min Scan# 209

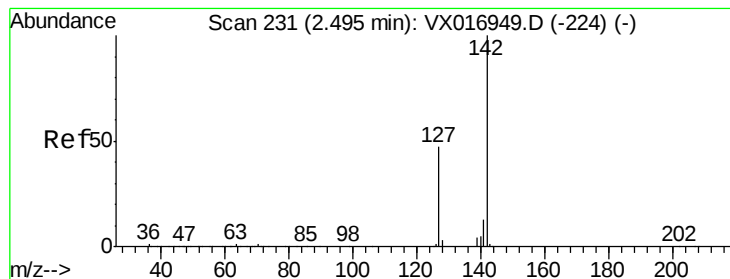
Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Tgt Ion:	96	Resp:	46421
Ion Ratio	Lower	Upper	
96	100		
61	144.4	141.3	211.9
98	59.3	47.0	70.4





#11

Methyl Iodide

Concen: 11.902 ug/l

RT: 2.50 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:142 Resp: 44005

Ion Ratio Lower Upper

142 100

127 45.9 23.3 69.9

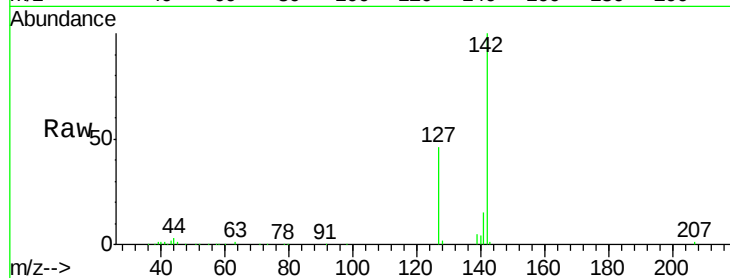
141 14.5 6.7 20.1

Manual Integrations

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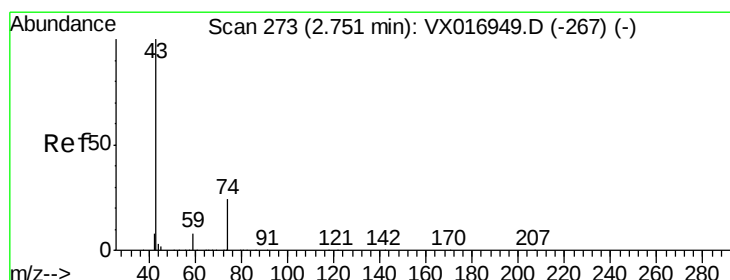
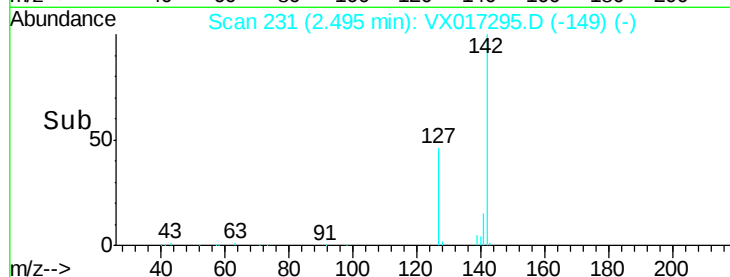
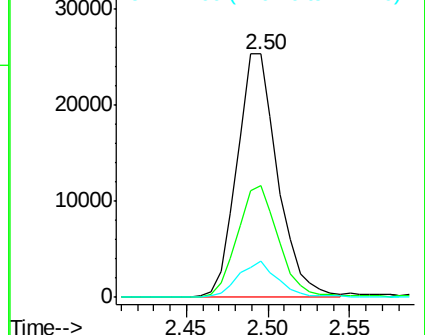
7/9/2020 11:00:10 AM



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 17.834 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017295.D

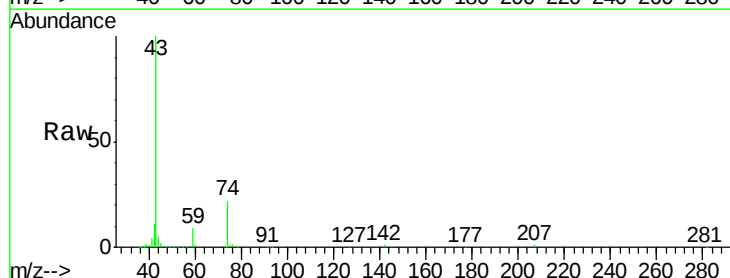
Acq: 09 Jul 2020 06:36

Tgt Ion: 43 Resp: 62291

Ion Ratio Lower Upper

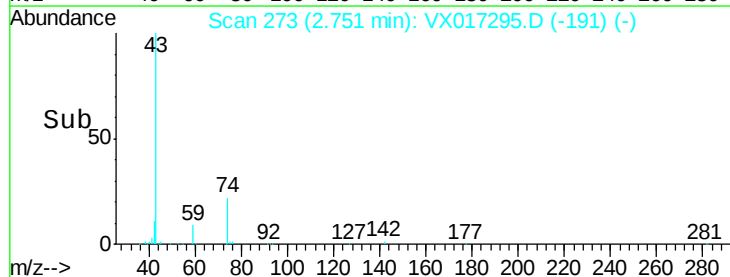
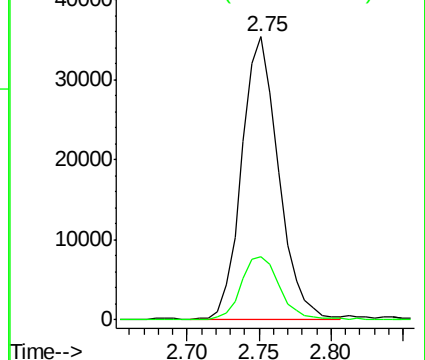
43 100

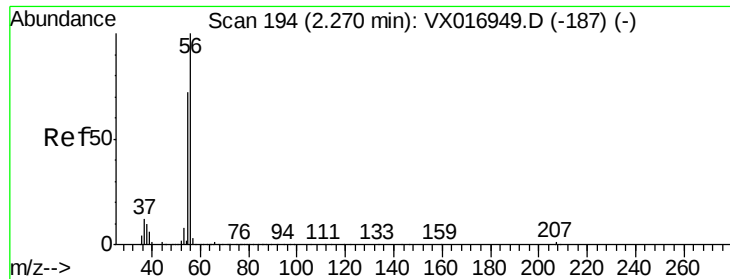
74 22.0 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 83.877 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 46227

Ion Ratio Lower Upper

56 100

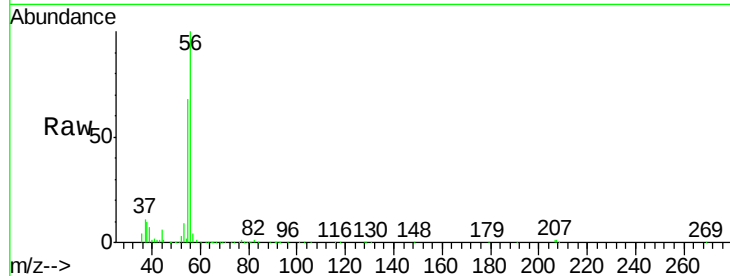
55 71.5 56.2 84.4

Manual Integrations

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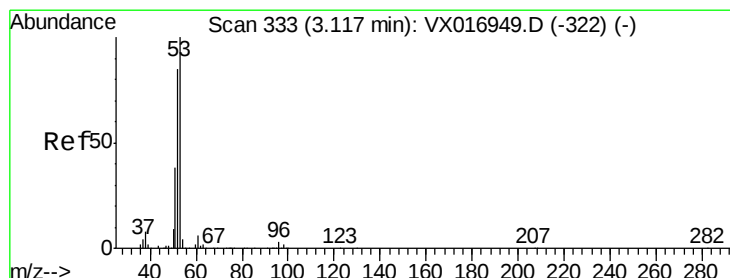
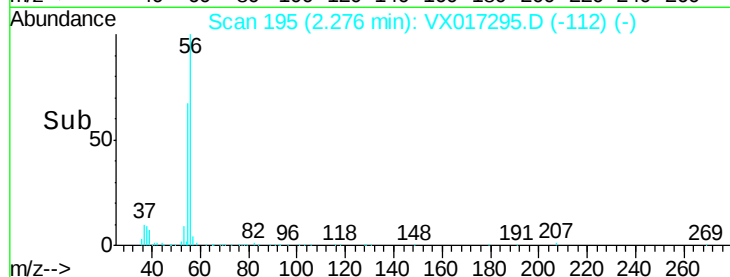
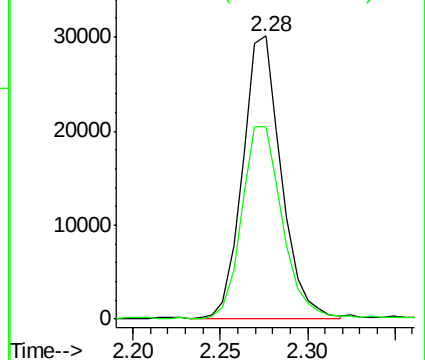
MMDadoda

7/9/2020 11:00:10 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 83.362 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

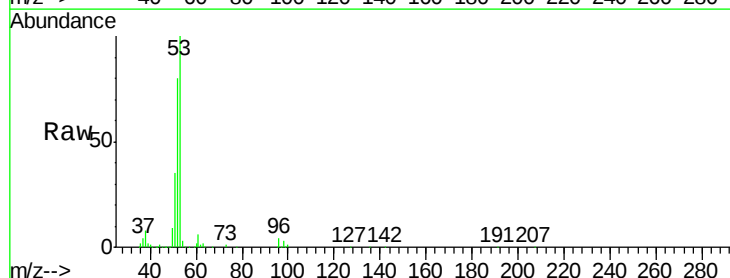
Tgt Ion: 53 Resp: 137903

Ion Ratio Lower Upper

53 100

52 82.0 40.6 121.8

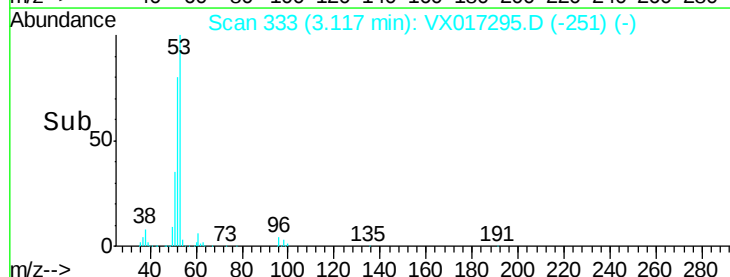
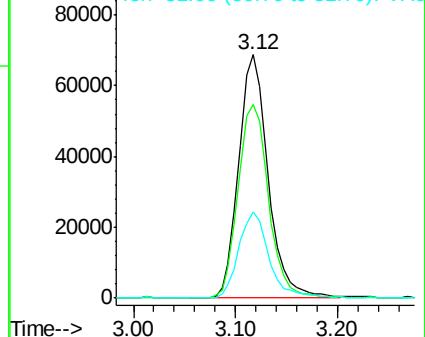
51 36.5 18.4 55.4

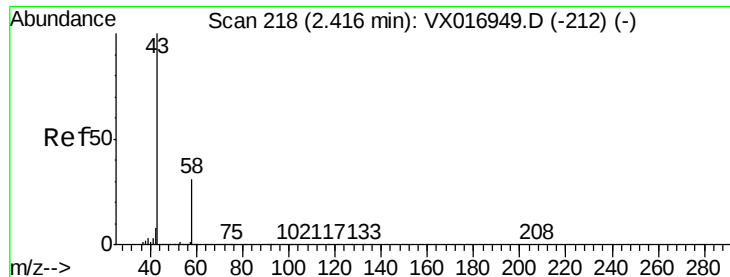


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 88.198 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 37758

Ion Ratio Lower Upper

58 100

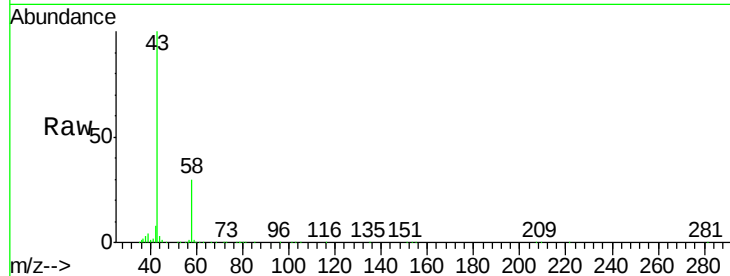
43 330.2 257.6 386.4

Manual Integrations

APPROVED

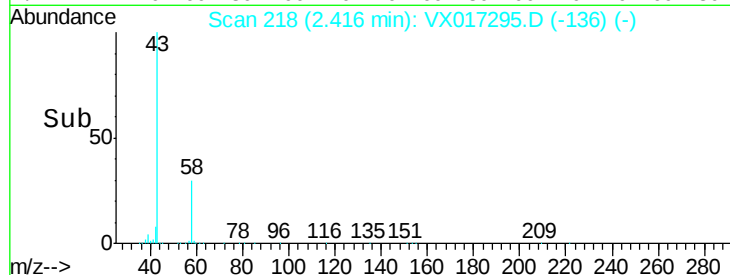
MMDadoda

7/9/2020 11:00:10 AM

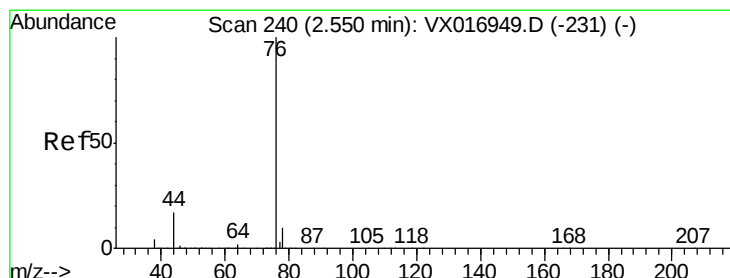


Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



Time-->



#16

Carbon Disulfide

Concen: 14.664 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017295.D

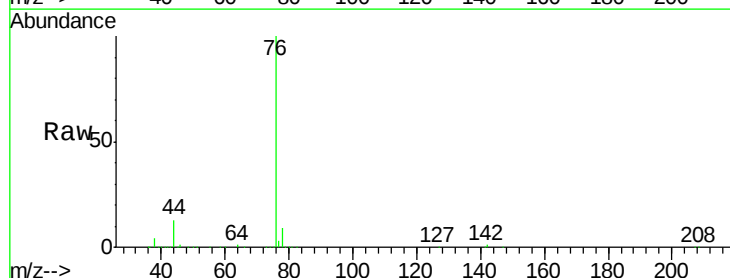
Acq: 09 Jul 2020 06:36

Tgt Ion: 76 Resp: 127642

Ion Ratio Lower Upper

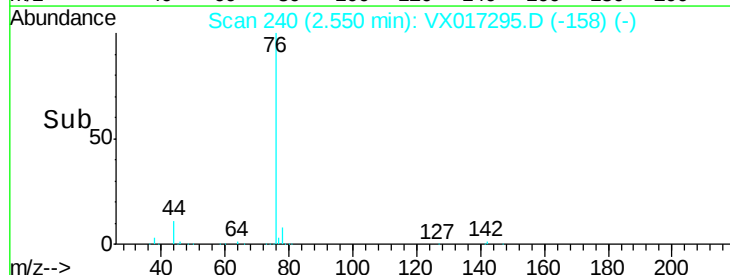
76 100

78 8.5 7.6 11.4

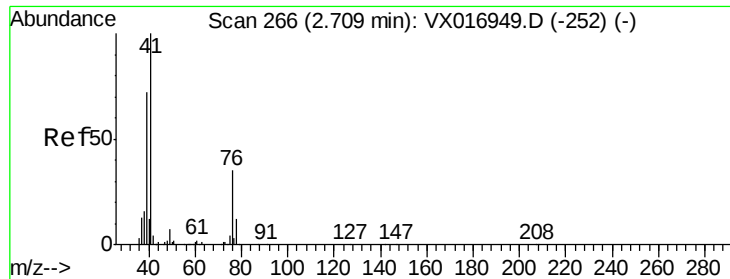


Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0



Time-->



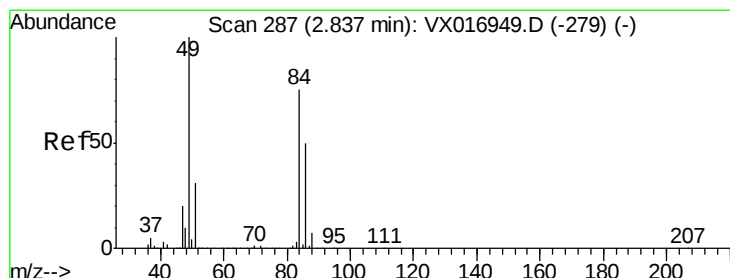
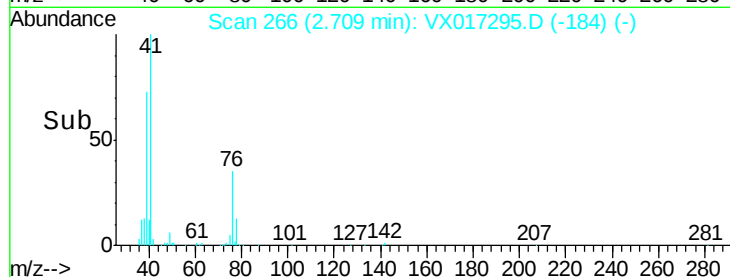
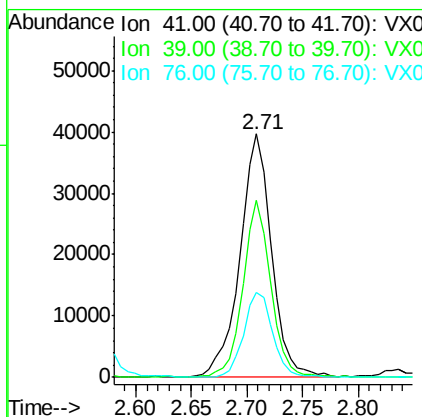
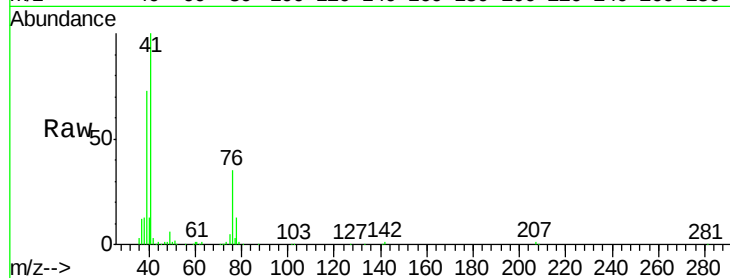
#17
Allvl chloride
Concen: 15.145 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.6	35.9	107.8
76	35.1	17.6	52.8

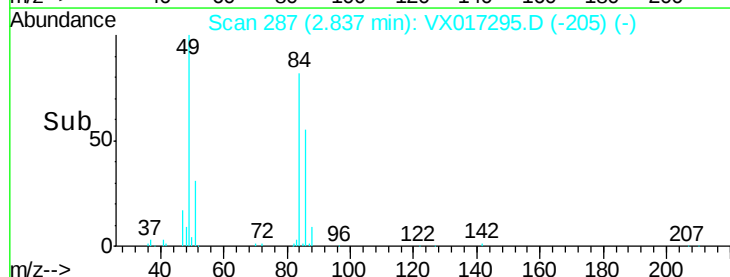
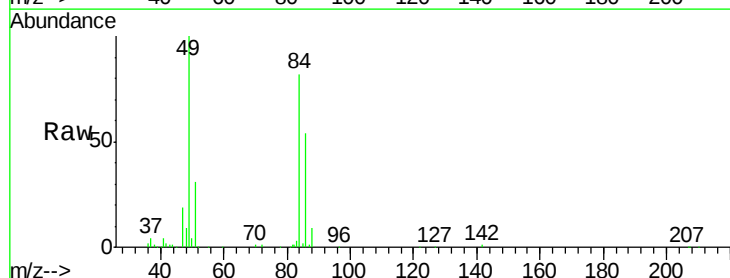
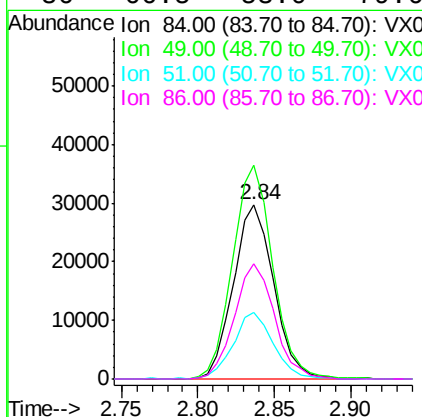
Manual Integrations
APPROVED

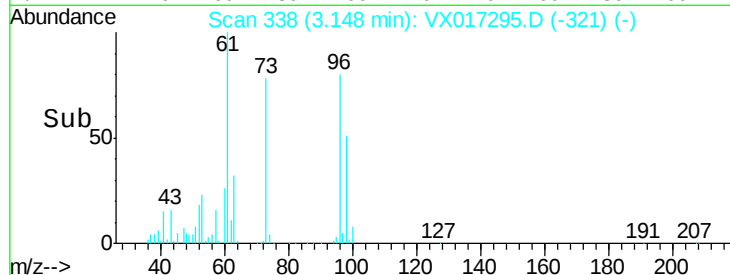
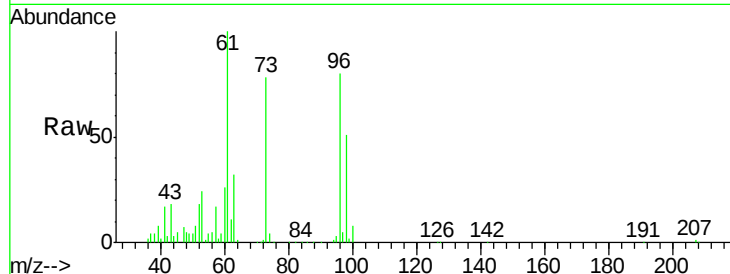
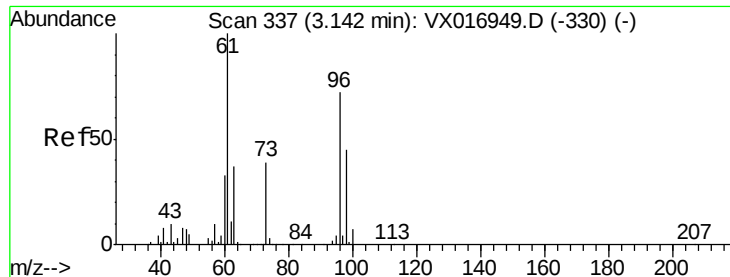
MMDadoda
7/9/2020 11:00:10 AM



#18
Methylene Chloride
Concen: 16.340 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.5	106.6	159.8
51	38.3	32.7	49.1
86	66.5	53.0	79.6





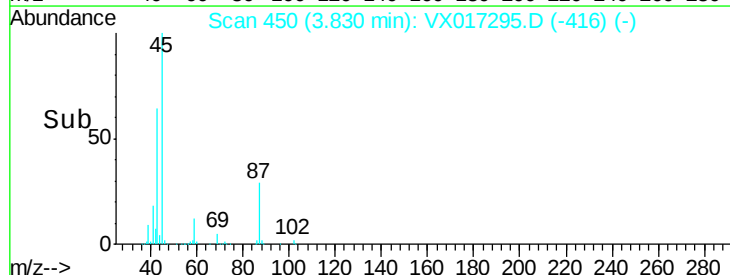
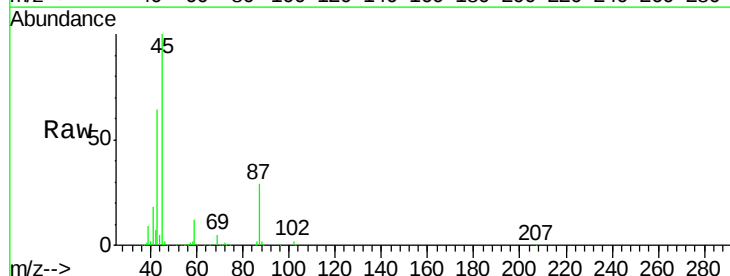
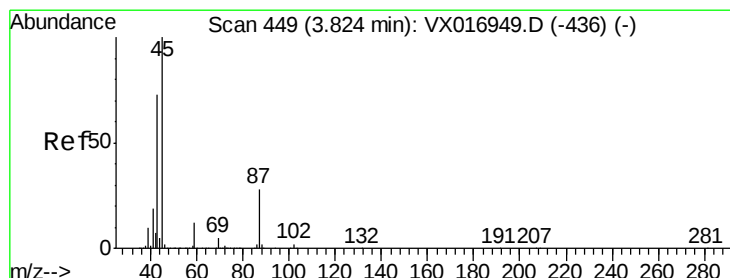
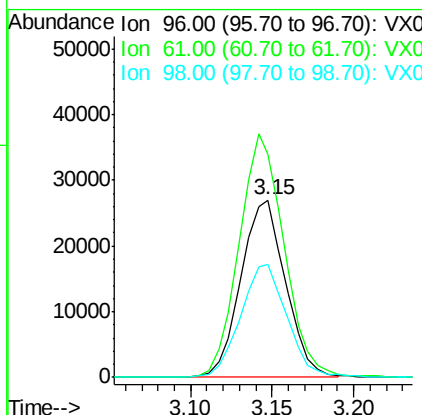
#19
trans-1,2-Dichloroethene
Concen: 16.452 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.4	110.6	165.8
98	63.7	49.8	74.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

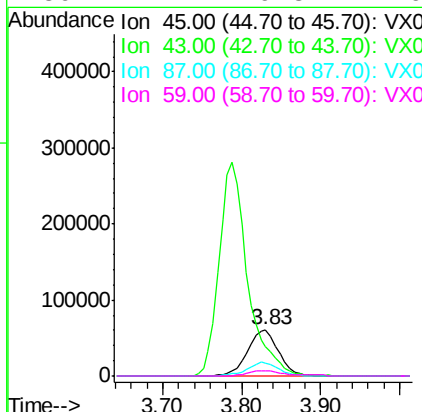
Manual Integrations
APPROVED

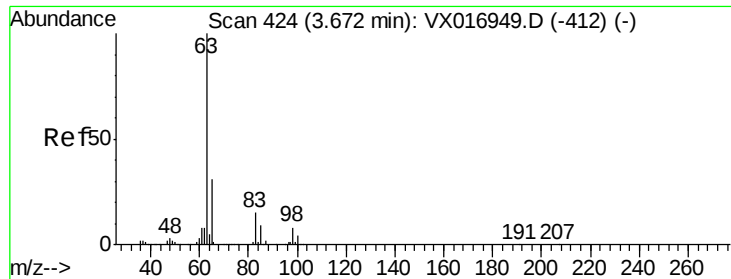
MMDadoda
7/9/2020 11:00:10 AM



#20
Diisopropyl ether
Concen: 16.006 ug/l
RT: 3.83 min Scan# 450
Delta R.T. 0.01 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.1	63.9	95.9#
87	29.0	22.2	33.4
59	12.1	9.8	14.6





#21

1,1-Dichloroethane

Concen: 16.476 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

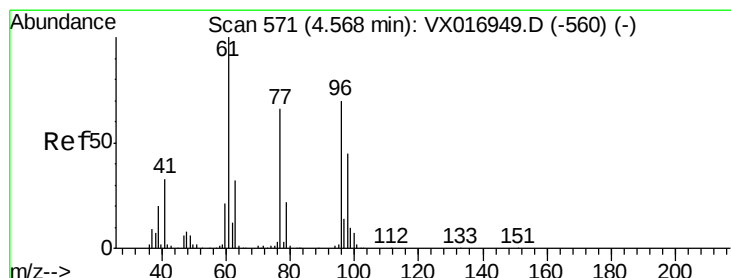
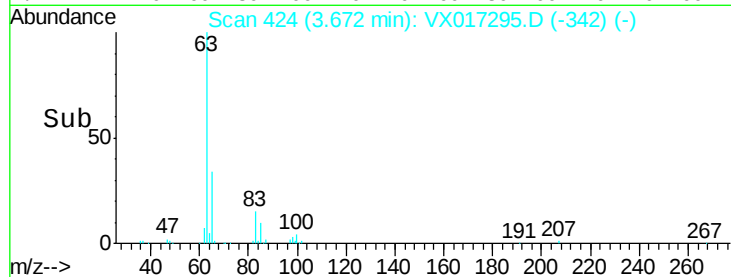
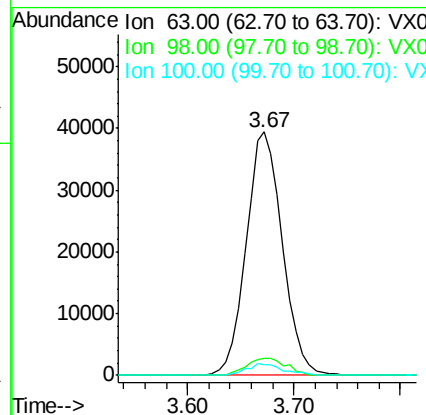
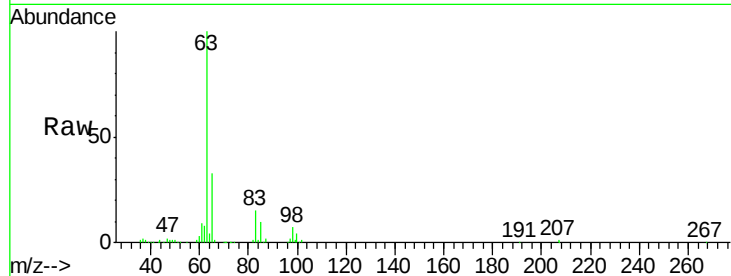
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	94111
Ion Ratio	Lower	Upper	
63	100		
98	7.3	3.8	11.4
100	4.5	2.2	6.6

Manual Integrations
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7/9/2020 11:00:10 AM



#22

cis-1,2-Dichloroethene

Concen: 16.641 ug/l

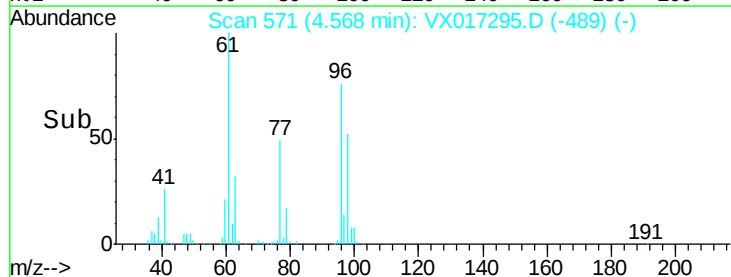
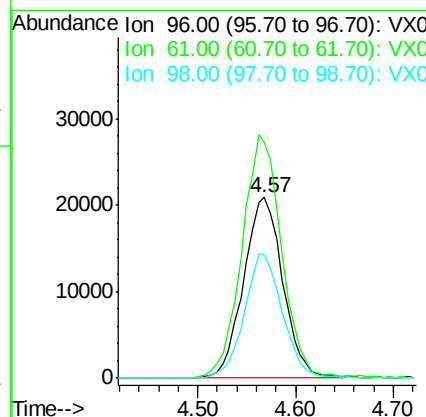
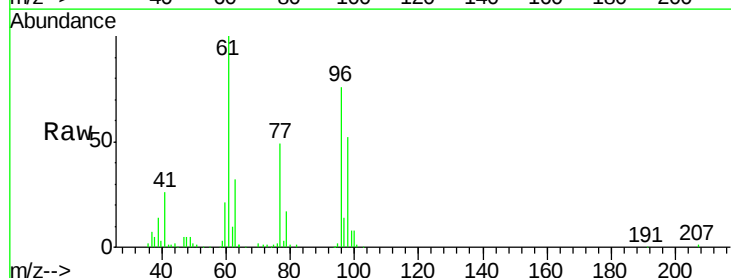
RT: 4.57 min Scan# 571

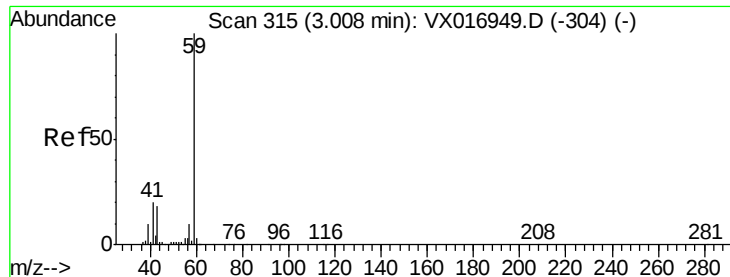
Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Tgt Ion:	96	Resp:	58128
Ion Ratio	Lower	Upper	
96	100		
61	135.0	120.8	181.2
98	66.5	51.7	77.5





#23

tert-Butyl Alcohol

Concen: 78.458 ug/l

RT: 3.01 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 59 Resp: 57493

Ion Ratio Lower Upper

59 100

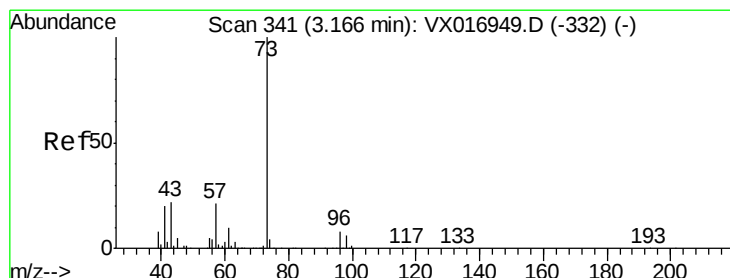
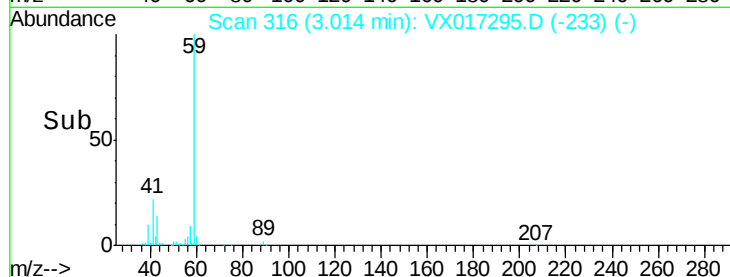
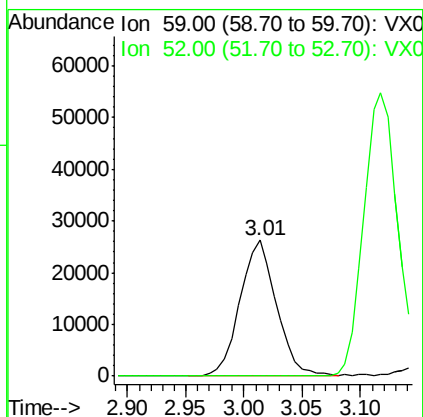
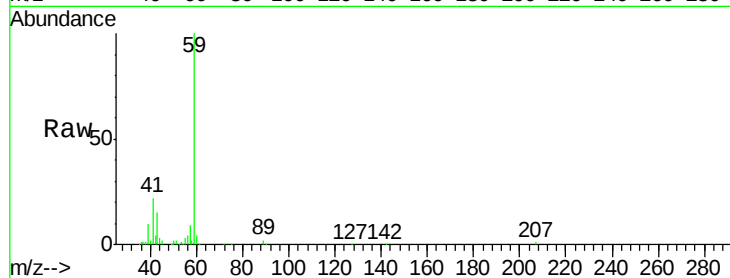
52 0.2 0.1 0.1#

Manual Integrations

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7/9/2020 11:00:10 AM



#24

Methyl tert-Butyl Ether

Concen: 16.716 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX017295.D

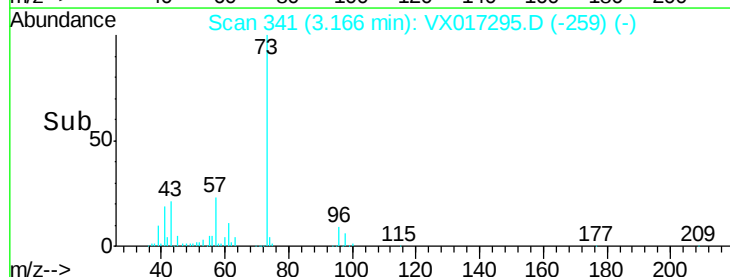
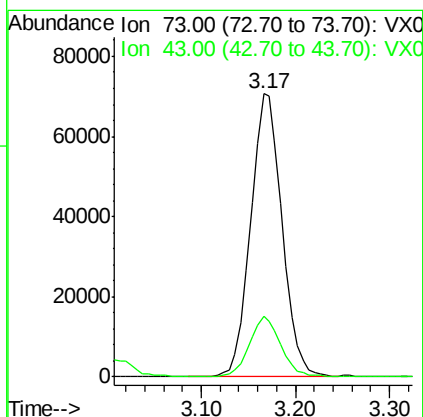
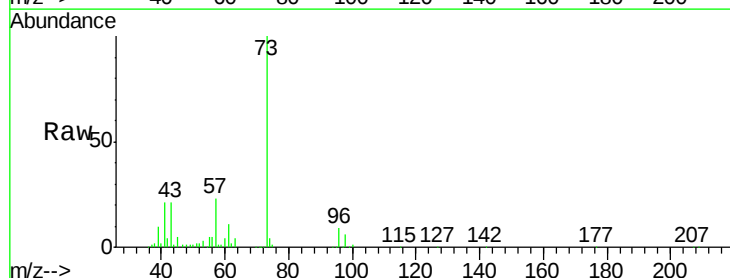
Acq: 09 Jul 2020 06:36

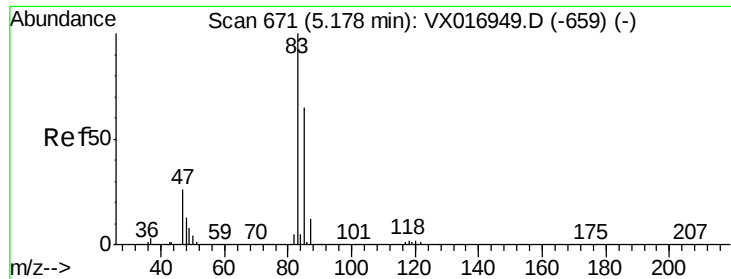
Tgt Ion: 73 Resp: 165267

Ion Ratio Lower Upper

73 100

43 21.0 17.2 25.8





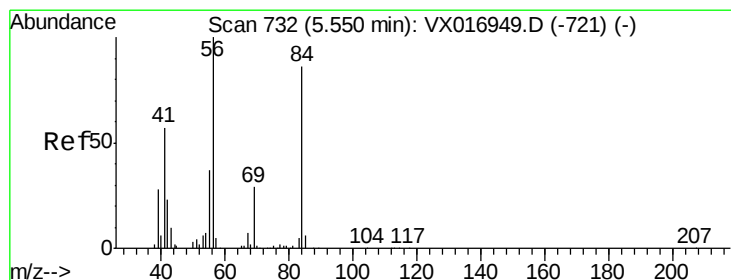
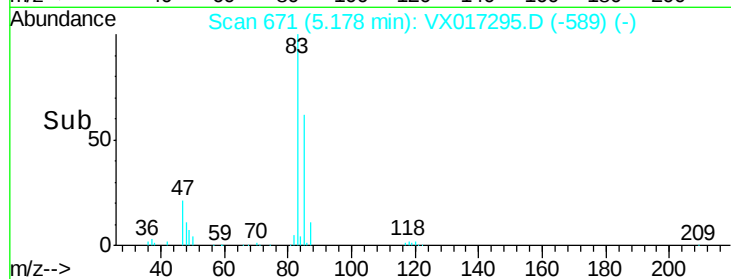
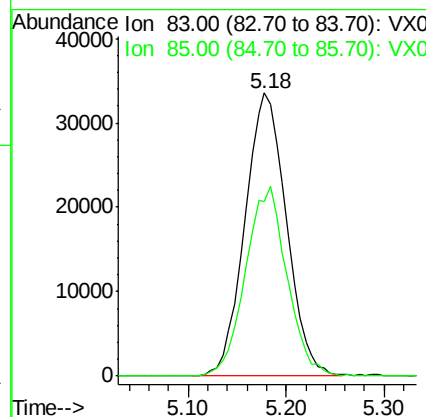
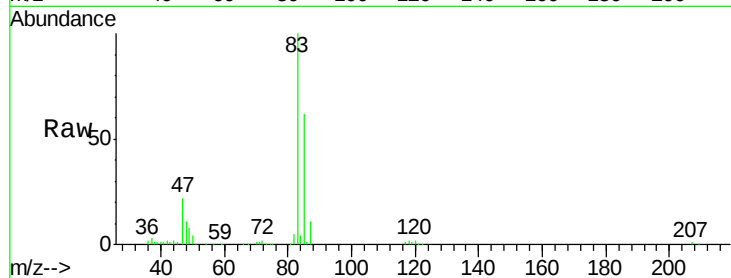
#25
Chloroform
Concen: 17.045 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	98714
Ion Ratio	100	Lower	Upper
85	61.9	52.1	78.1

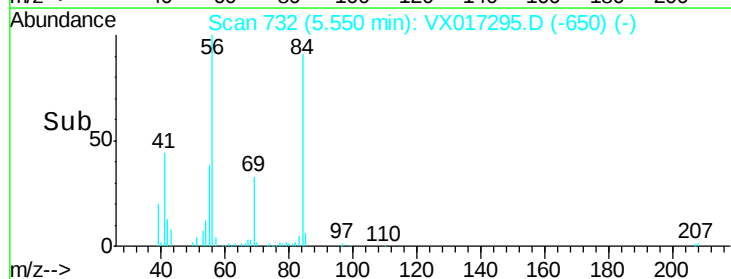
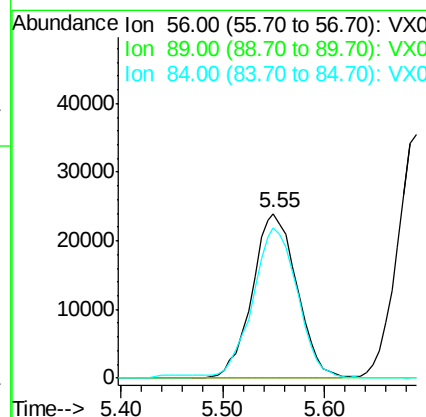
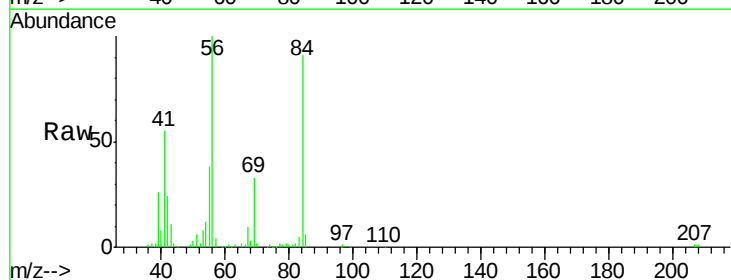
Manual Integrations
APPROVED

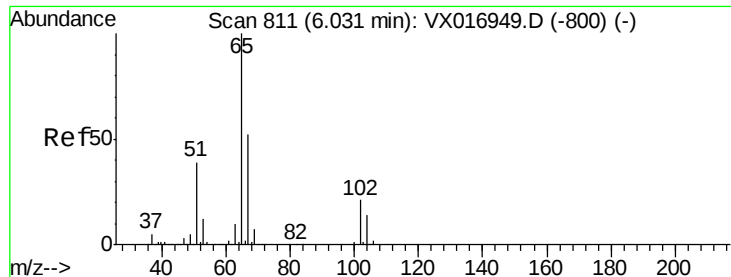
MMDadoda
7/9/2020 11:00:10 AM



#26
Cyclohexane
Concen: 14.595 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion	56	Resp	72723
Ion Ratio	100	Lower	Upper
89	0.1	0.0	0.0#
84	91.6	69.0	103.6





#27

1,2-Dichloroethane-d4

Concen: 27.905 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 105052

Ion Ratio Lower Upper

65 100

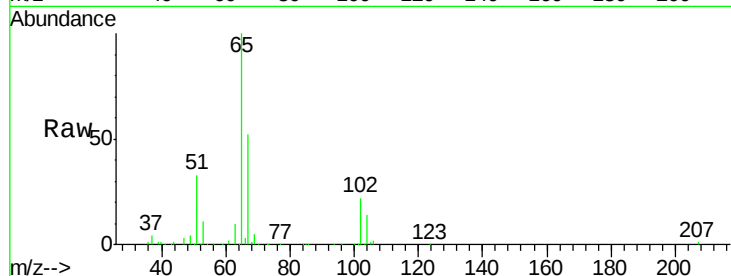
67 52.2 41.5 62.3

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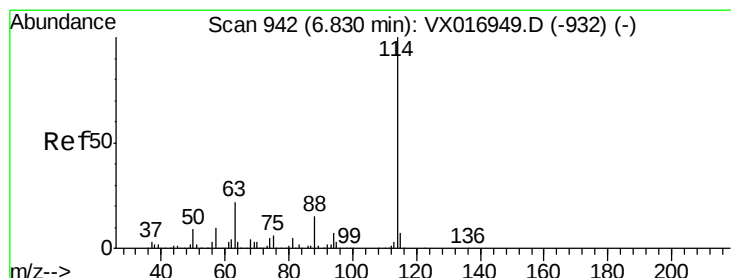
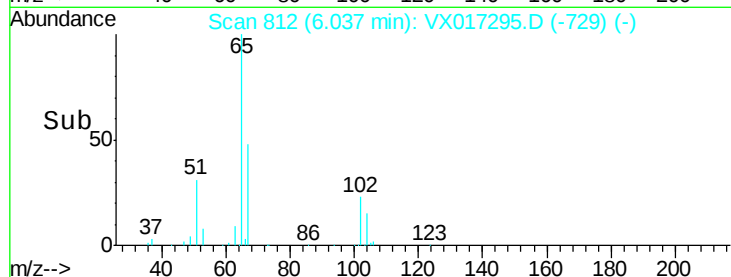
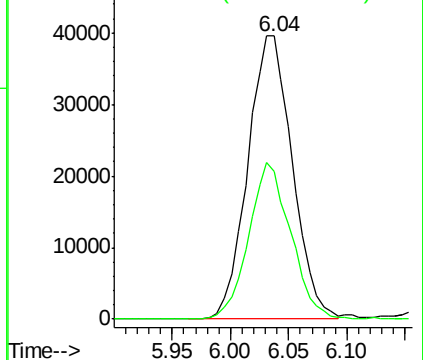
MMDadoda

7/9/2020 11:00:10 AM



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

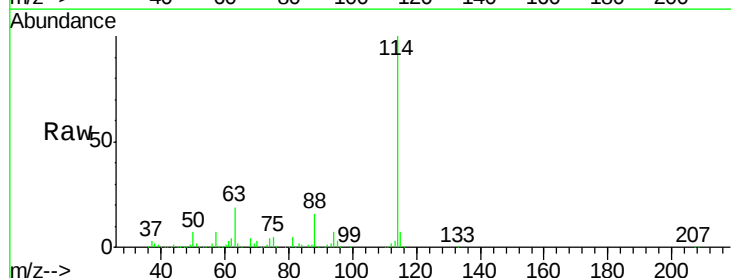
Tgt Ion: 114 Resp: 251171

Ion Ratio Lower Upper

114 100

63 19.8 17.4 26.2

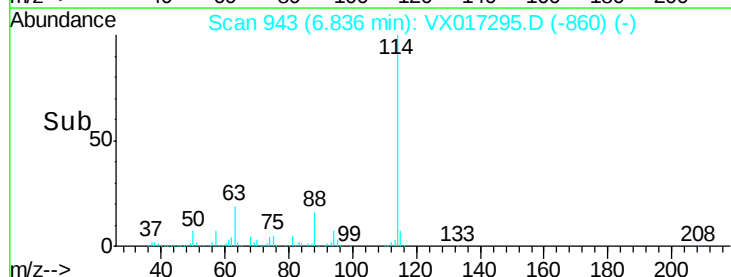
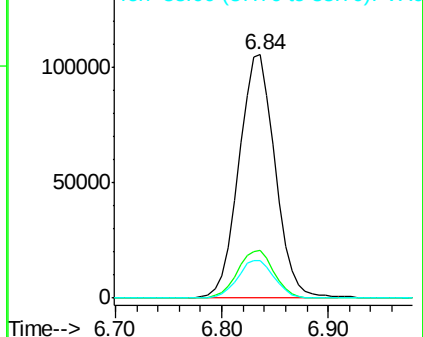
88 15.7 13.0 19.6

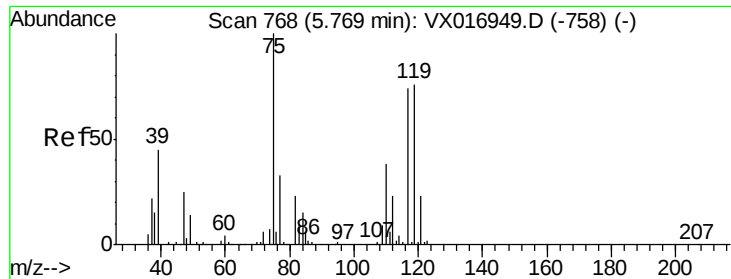


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 16.922 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

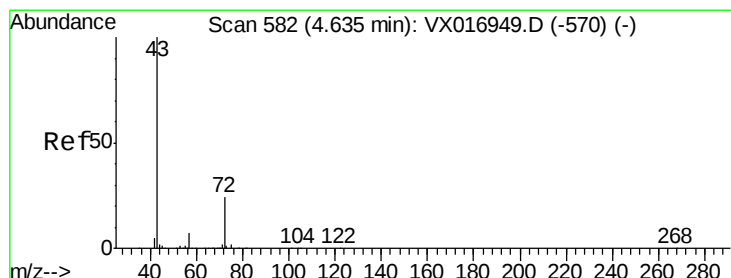
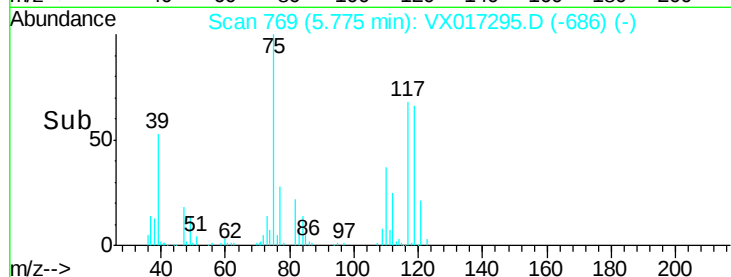
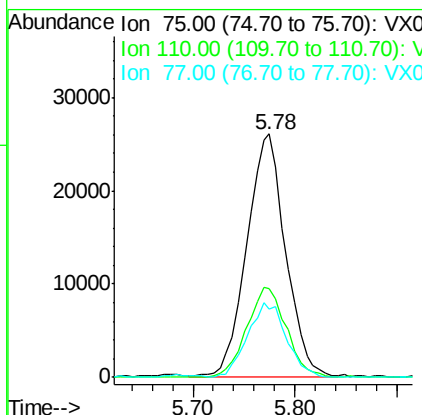
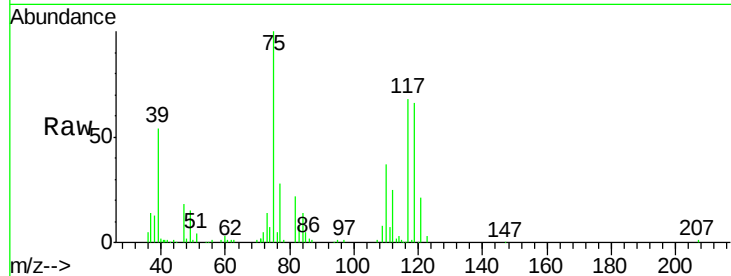
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	69240
Ion	Ratio	Lower	Upper
75	100		
110	37.6	0.0	71.6
77	30.7	0.0	64.0

Manual Integrations
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#30

2-Butanone

Concen: 87.894 ug/l

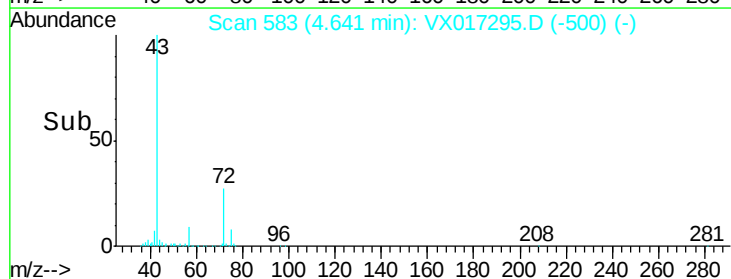
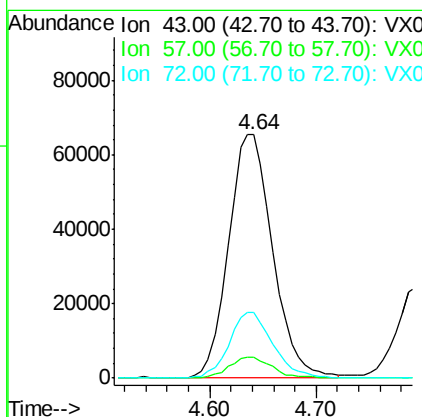
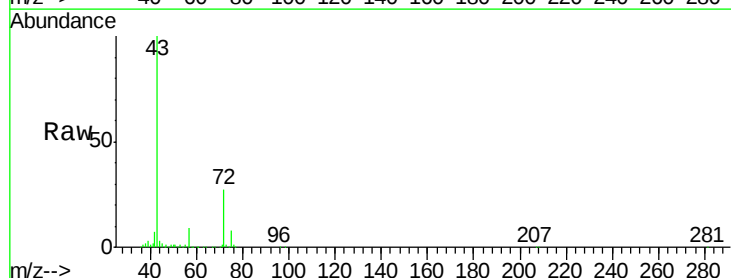
RT: 4.64 min Scan# 583

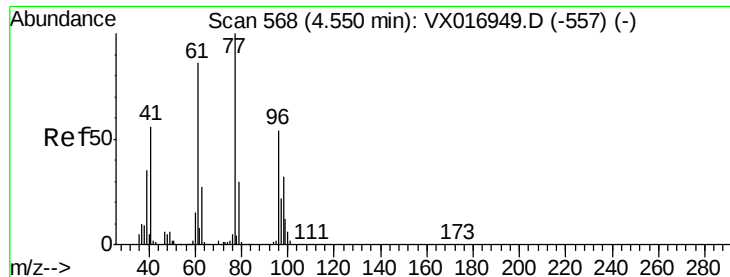
Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Tgt Ion:	43	Resp:	187456
Ion	Ratio	Lower	Upper
43	100		
57	8.4	6.2	9.4
72	26.9	20.6	31.0





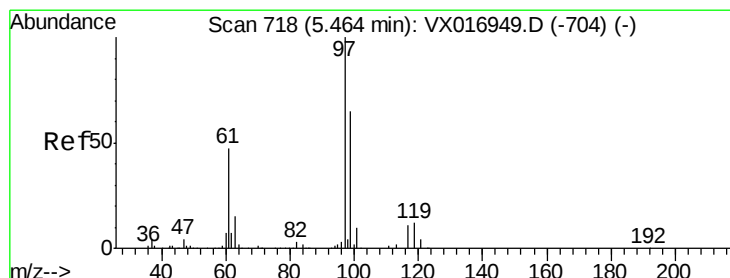
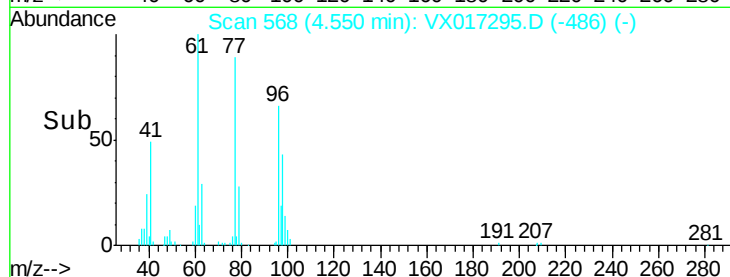
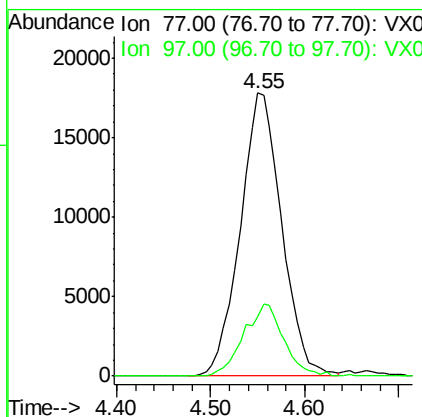
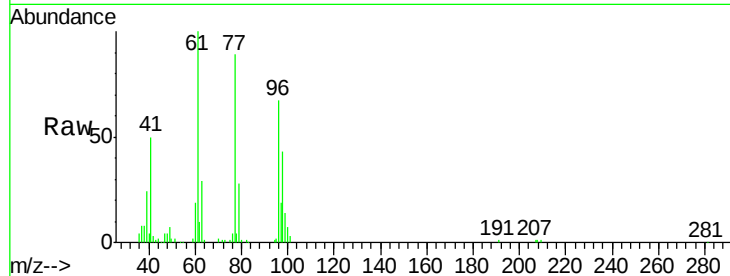
#31
 2,2-Dichloropropane
 Concen: 11.691 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 77 Resp: 54859
 Ion Ratio Lower Upper
 77 100
 97 24.3 18.5 27.7

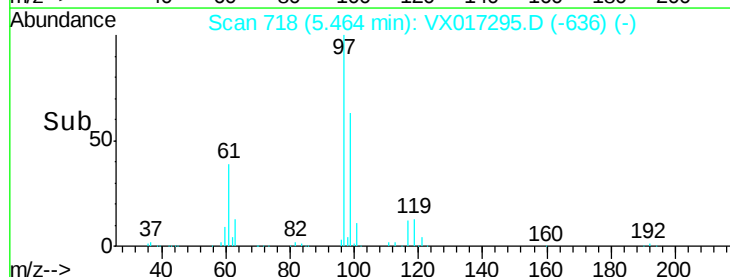
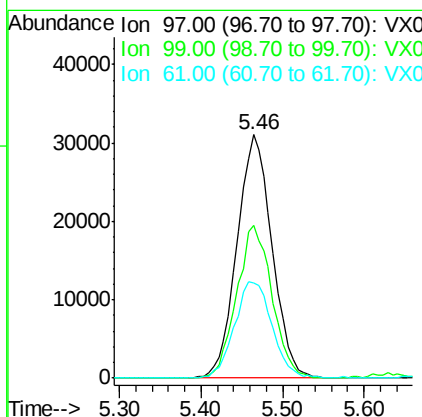
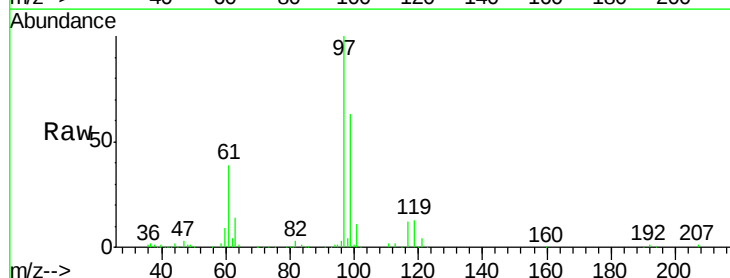
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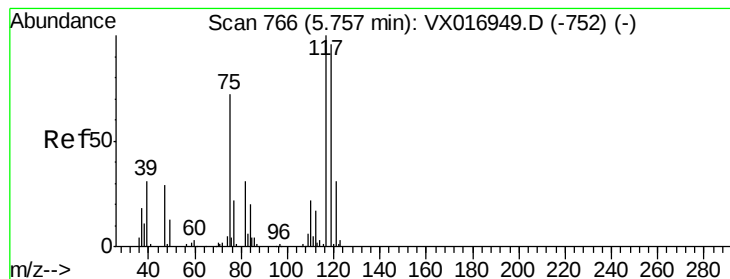
MMDadoda
 7/9/2020 11:00:10 AM



#32
 1,1,1-Trichloroethane
 Concen: 18.699 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion: 97 Resp: 92579
 Ion Ratio Lower Upper
 97 100
 99 63.3 52.2 78.2
 61 42.4 36.9 55.3





#33

Carbon Tetrachloride

Concen: 19.005 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

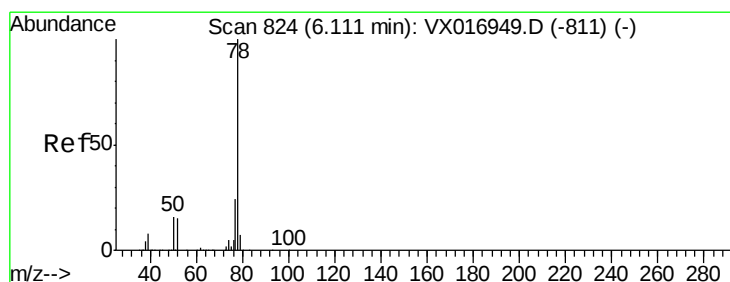
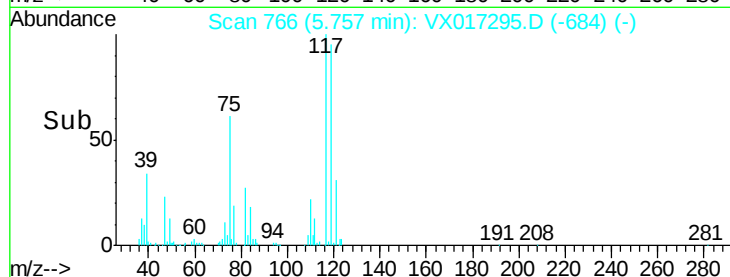
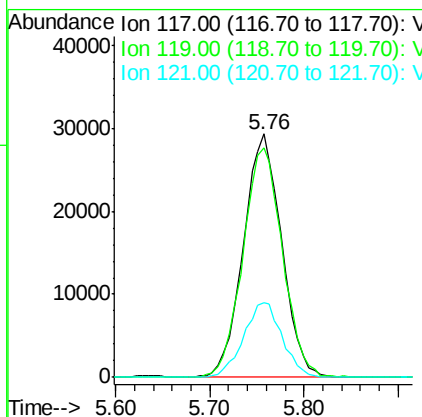
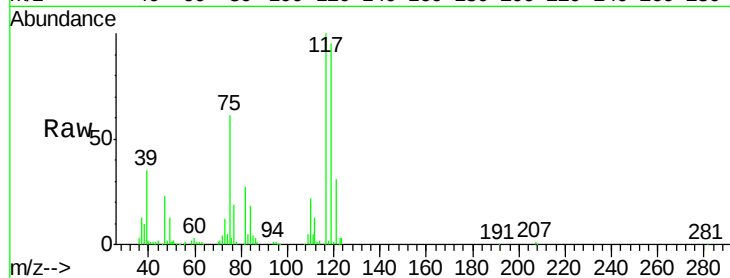
ClientSampleId :

VSTDCCC020EC

Tot Ion:	117	Resp:	83447
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.0	115.4
121	30.6	25.0	37.4

Manual Integrations
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7/9/2020 11:00:10 AM



#34

Benzene

Concen: 17.487 ug/l

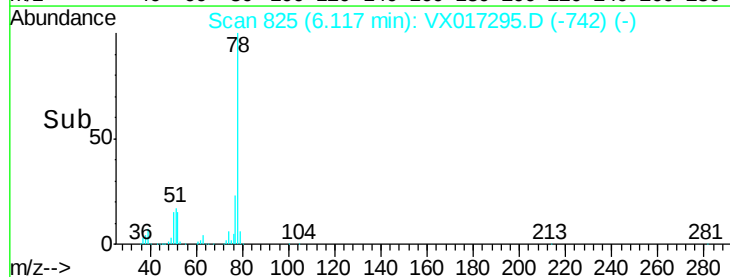
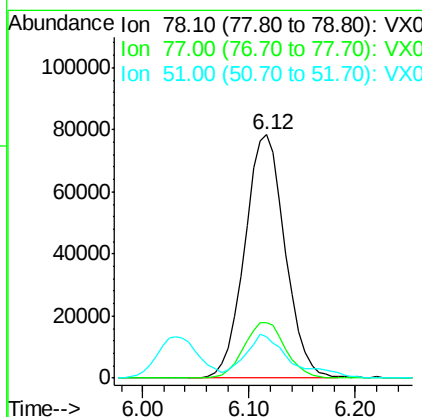
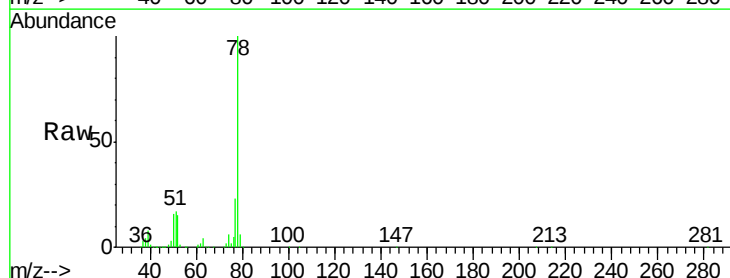
RT: 6.12 min Scan# 825

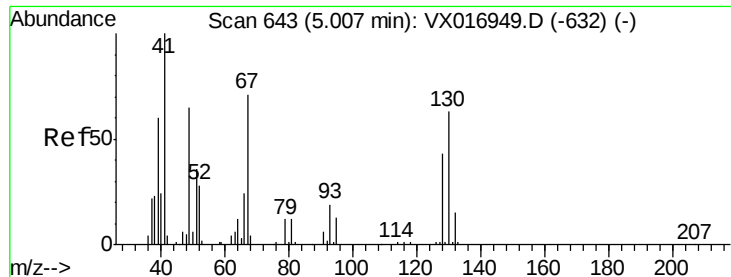
Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Tgt Ion:	78	Resp:	208338
Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.0	28.6
51	14.8	12.8	19.2





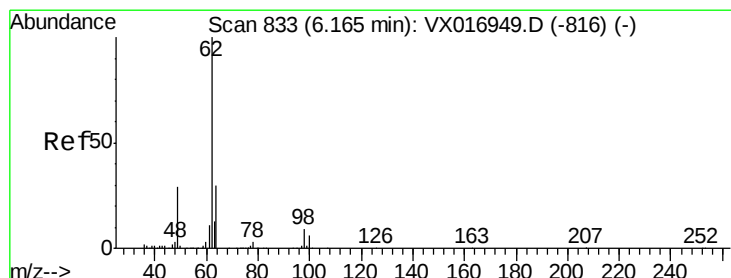
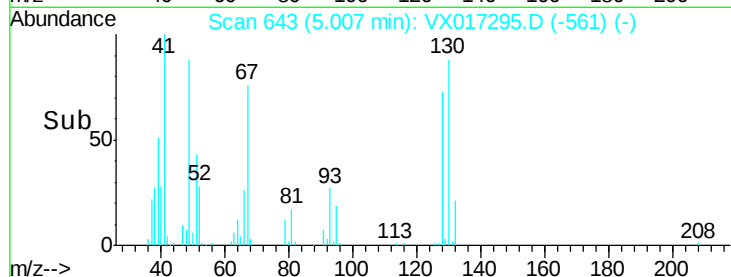
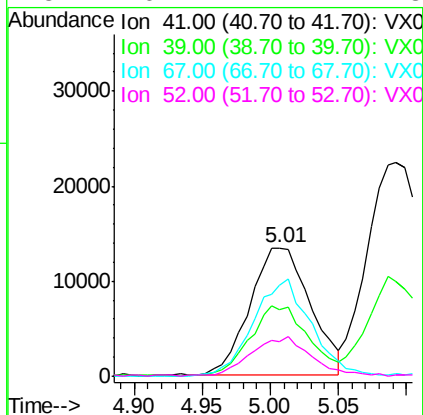
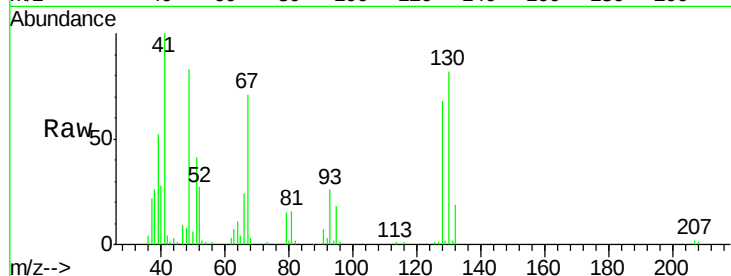
#35
Methacrylonitrile
Concen: 17.544 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.4	29.8	89.5	
67	72.2	35.3	105.9	
52	26.4	14.1	42.3	

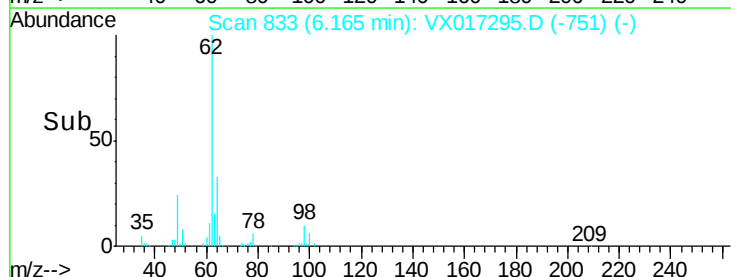
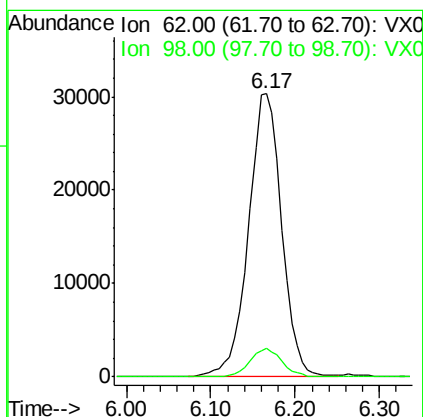
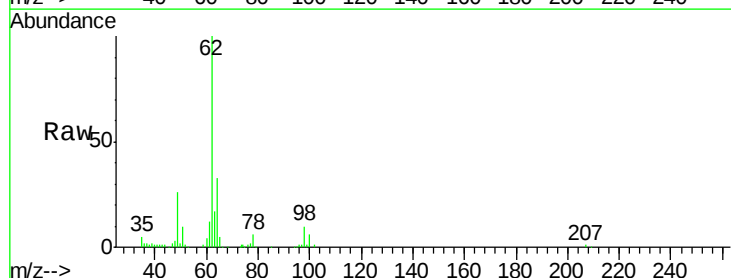
Manual Integrations
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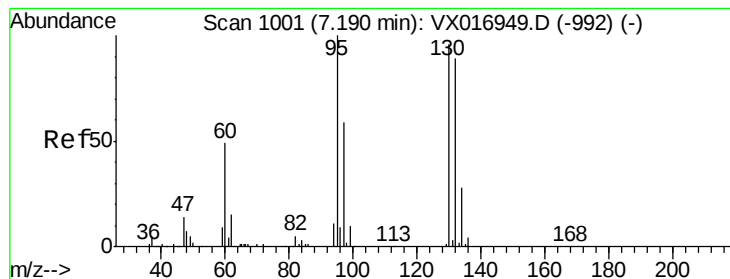
MMDadoda
7/9/2020 11:00:10 AM



#36
1,2-Dichloroethane
Concen: 17.830 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	7.6	11.4	





#37

Trichloroethene

Concen: 18.573 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 60381

Ion Ratio Lower Upper

130 100

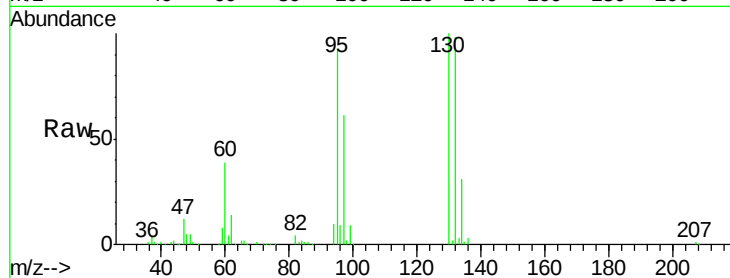
95 92.5 83.1 124.7

Manual Integrations

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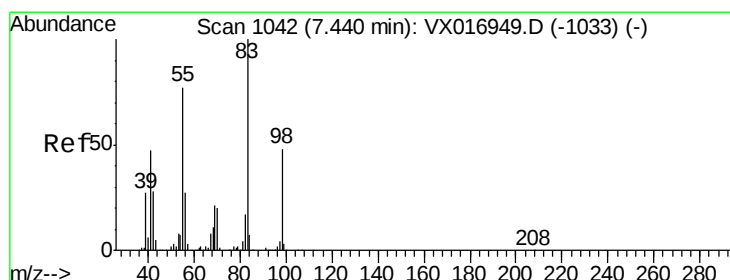
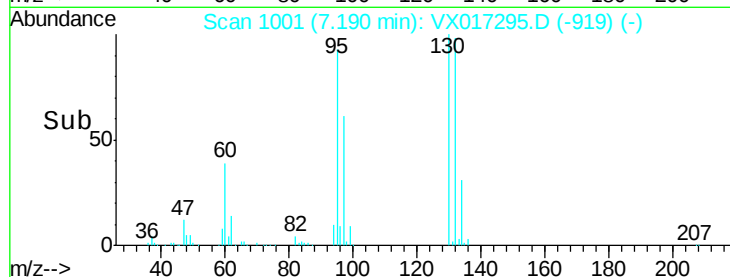
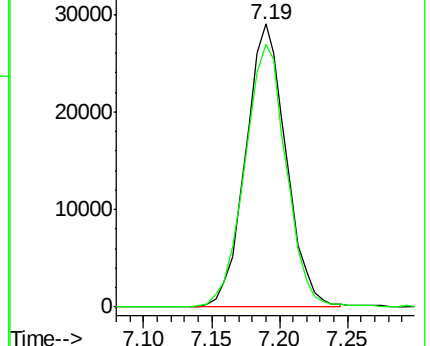
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 15.013 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

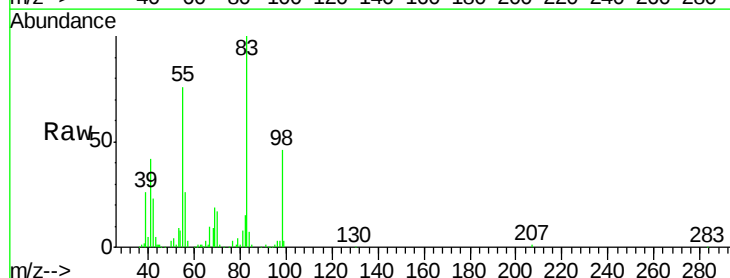
Tgt Ion: 83 Resp: 69956

Ion Ratio Lower Upper

83 100

55 79.7 38.1 114.5

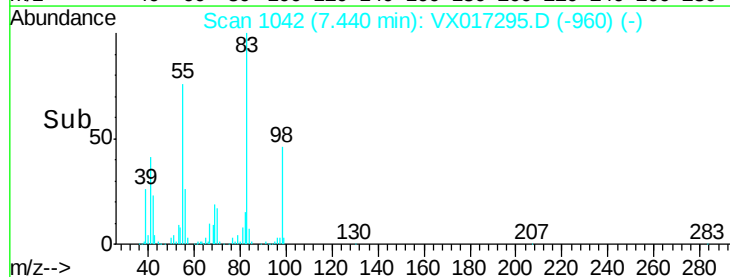
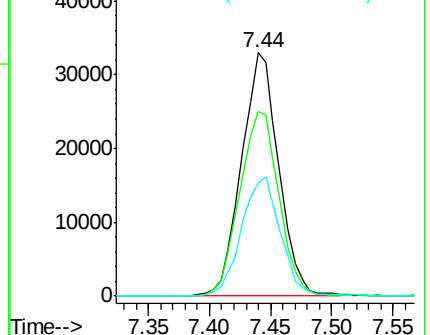
98 51.0 24.6 73.6

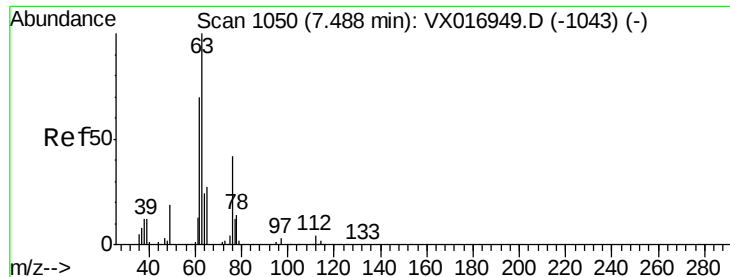


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





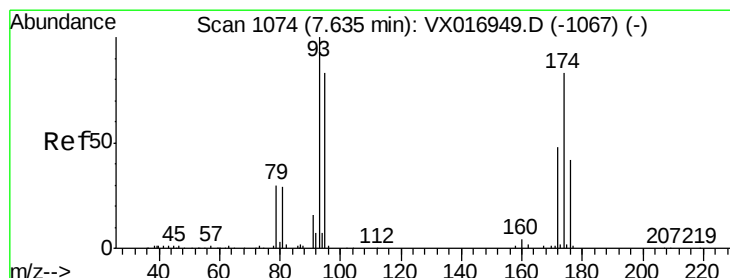
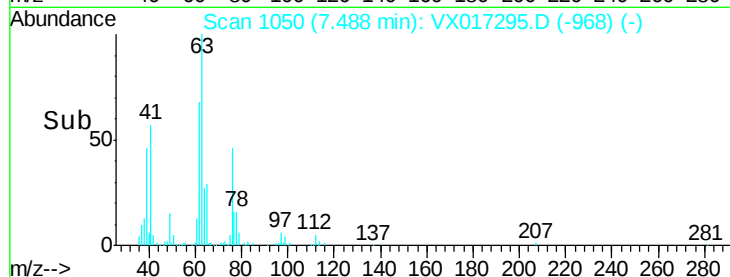
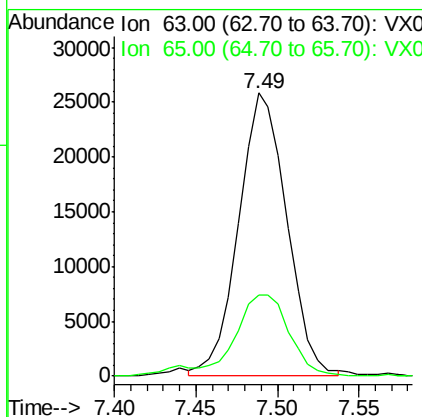
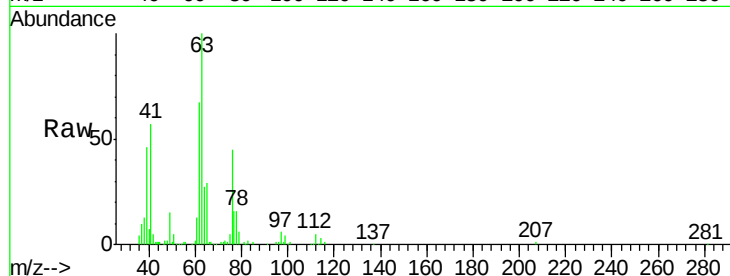
#39
 1,2-Dichloropropane
 Concen: 17.130 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	63	Resp	53169
Ion Ratio	100	Lower	Upper
63	100		
65	28.8	22.8	34.2

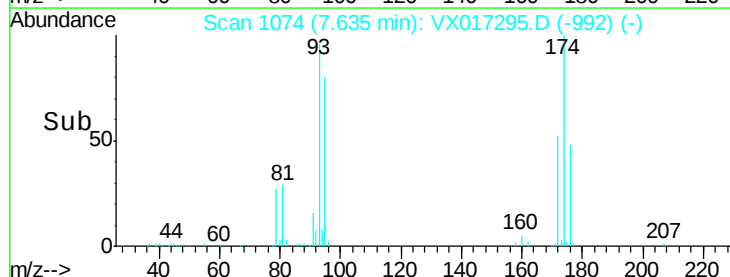
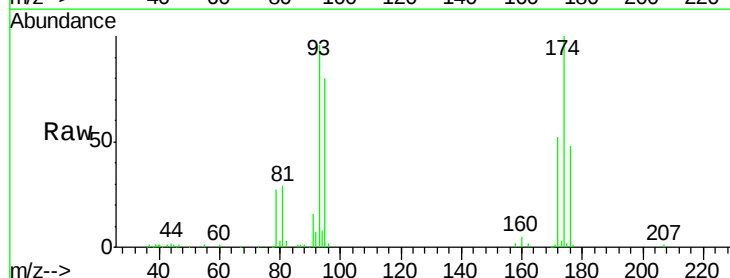
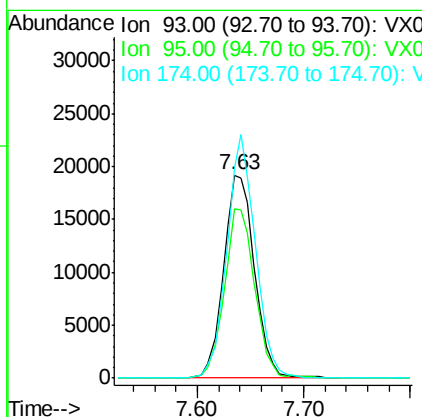
Manual Integrations
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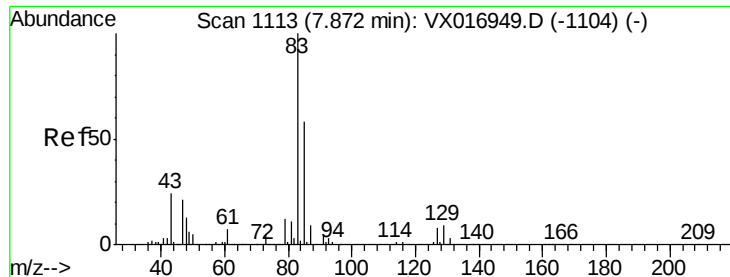
MMDadoda
 7/9/2020 11:00:10 AM



#40
 Dibromomethane
 Concen: 18.185 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion	93	Resp	38902
Ion Ratio	100	Lower	Upper
93	100		
95	81.5	0.0	165.4
174	110.5	0.0	192.0





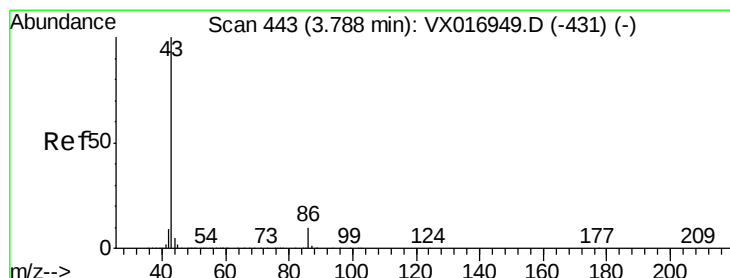
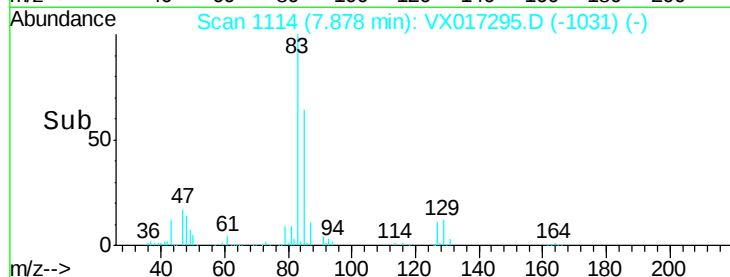
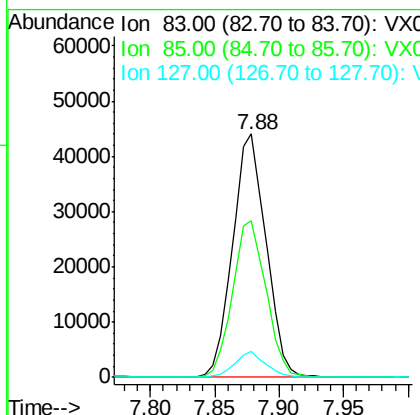
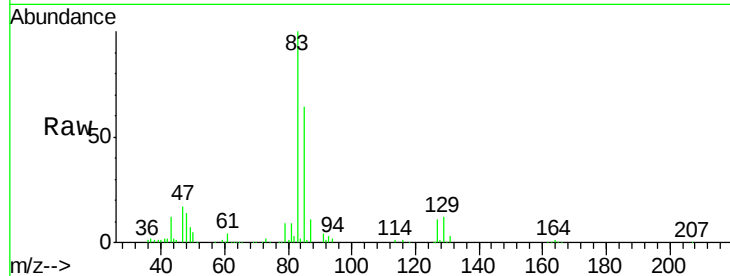
#41
Bromodichloromethane
Concen: 17.997 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.1	46.7	70.1
127	10.6	6.5	9.7#

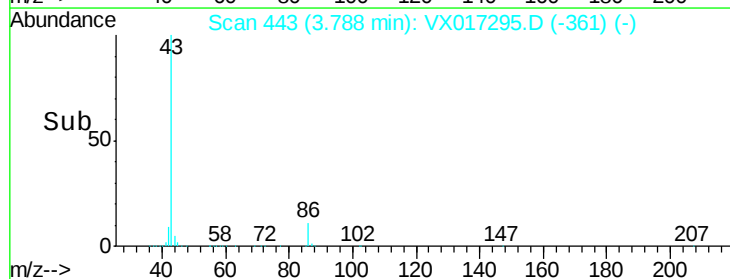
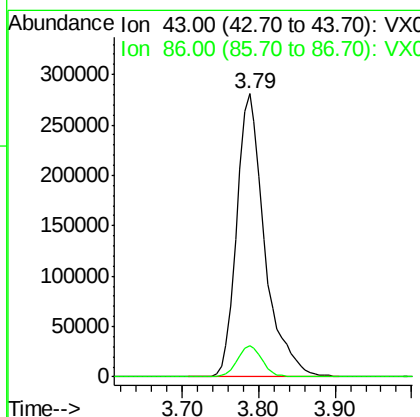
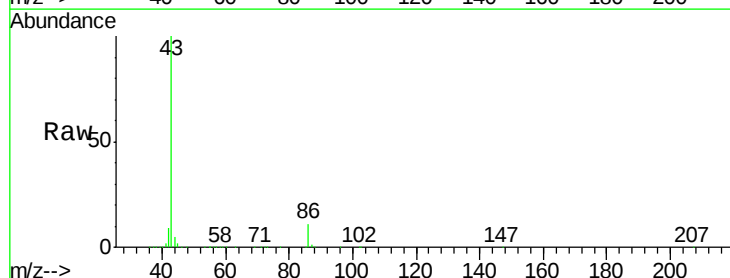
Manual Integrations
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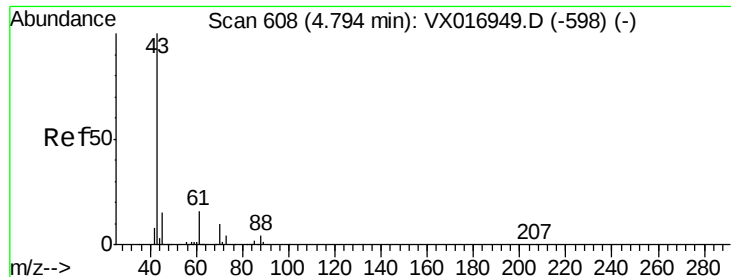
MMDadoda
7/9/2020 11:00:10 AM



#42
Vinyl Acetate
Concen: 82.472 ug/l
RT: 3.79 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.4	11.2





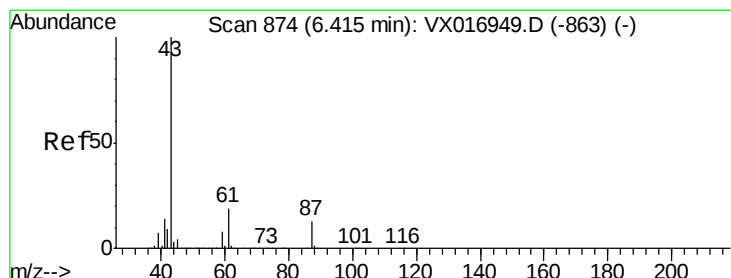
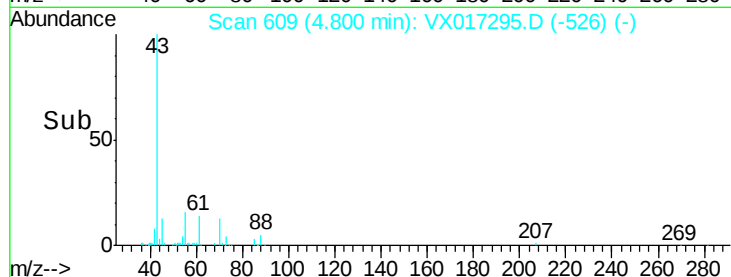
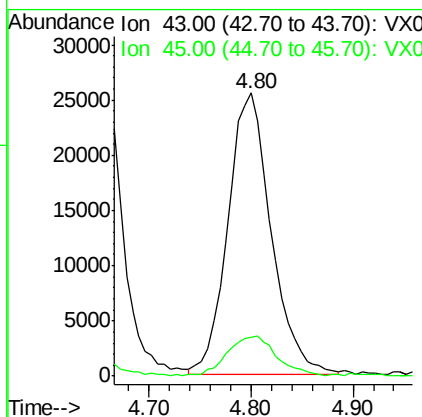
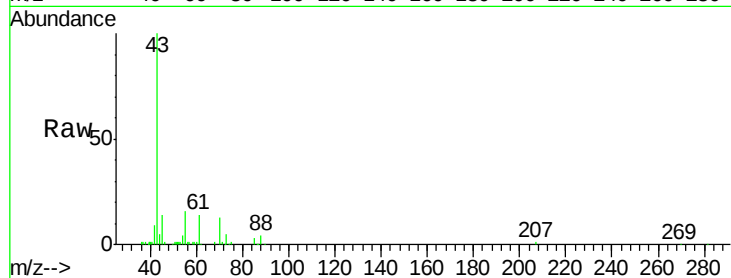
#43
Ethyl Acetate
Concen: 17.044 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 75295
Ion Ratio Lower Upper
43 100
45 16.0 11.8 17.6

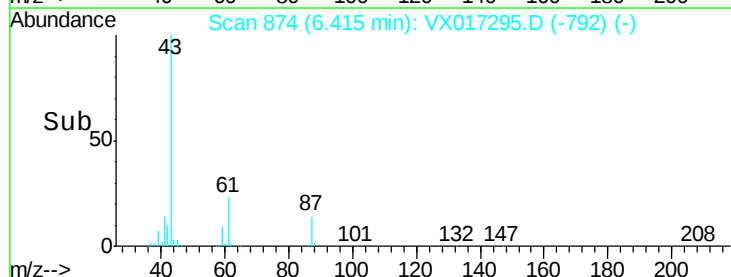
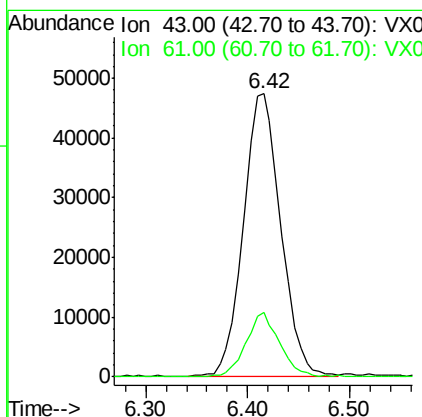
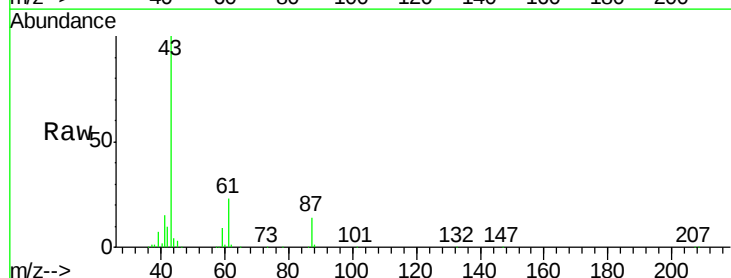
Manual Integrations
APPROVED

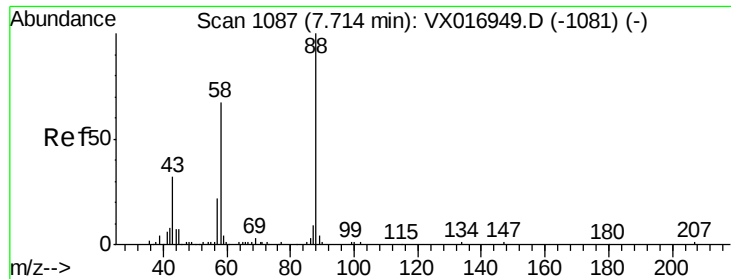
MMDadoda
7/9/2020 11:00:10 AM



#44
Isopropyl Acetate
Concen: 16.552 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion: 43 Resp: 120531
Ion Ratio Lower Upper
43 100
61 20.6 15.4 23.2





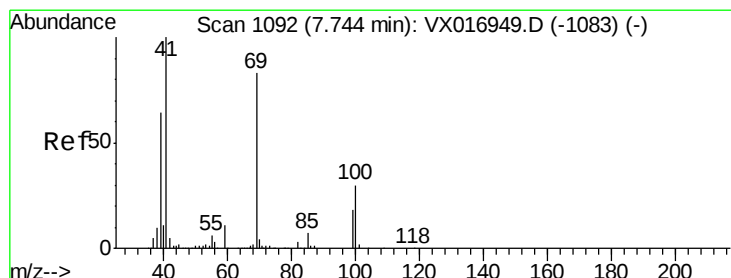
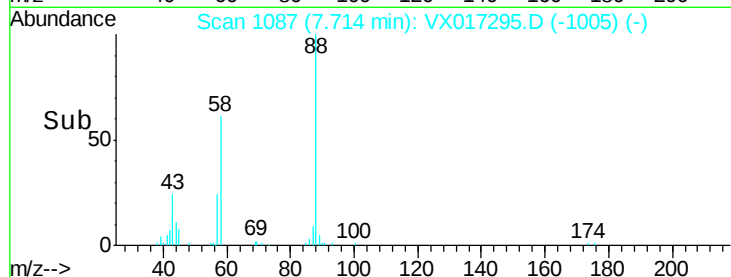
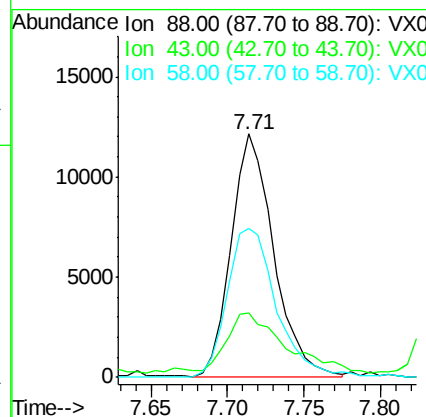
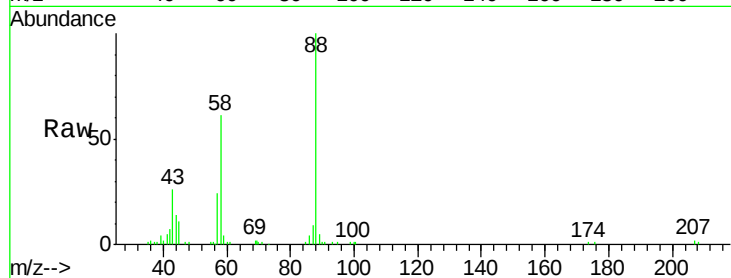
#45
1,4-Dioxane
Concen: 320.492 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	28.9	43.3
58	69.7	56.7	85.1

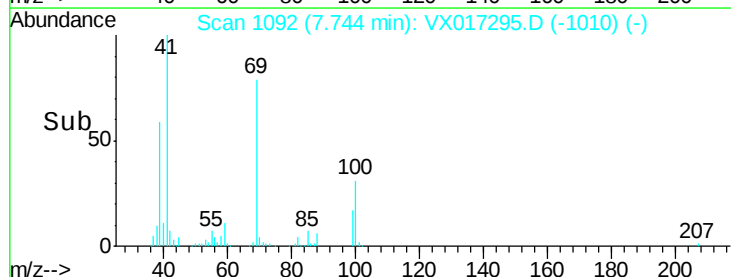
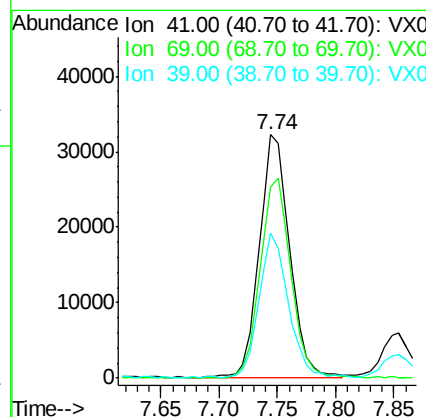
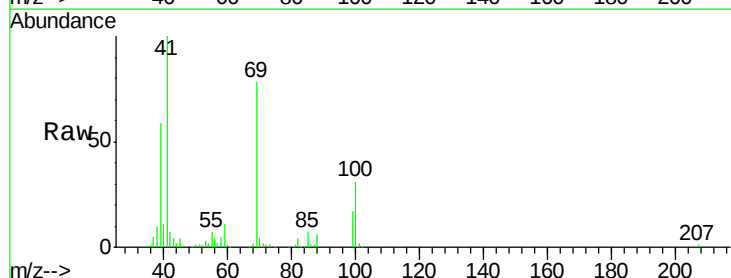
Manual Integrations
APPROVED

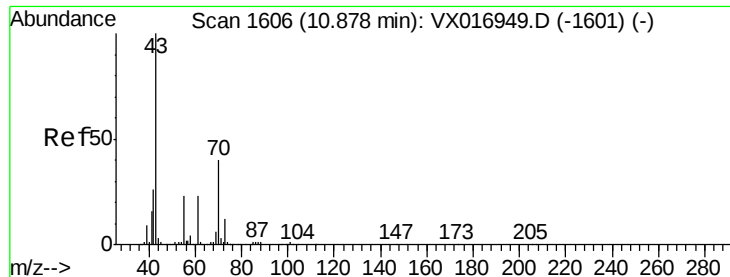
MMDadoda
7/9/2020 11:00:10 AM



#46
Methyl methacrylate
Concen: 17.438 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.3	41.3	123.9
39	58.8	32.0	96.2





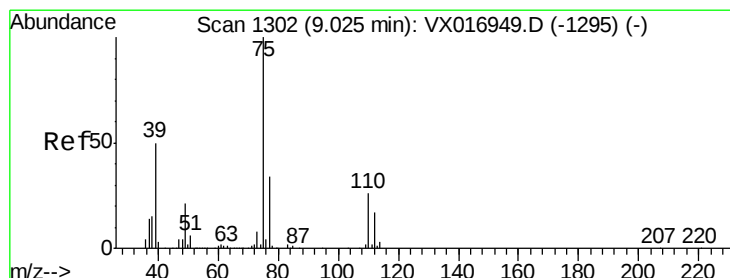
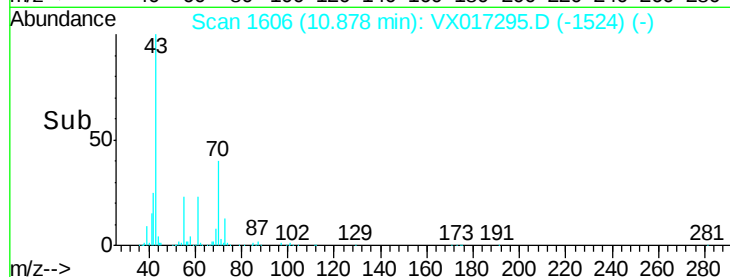
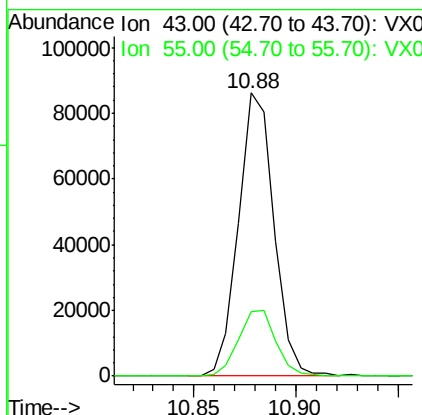
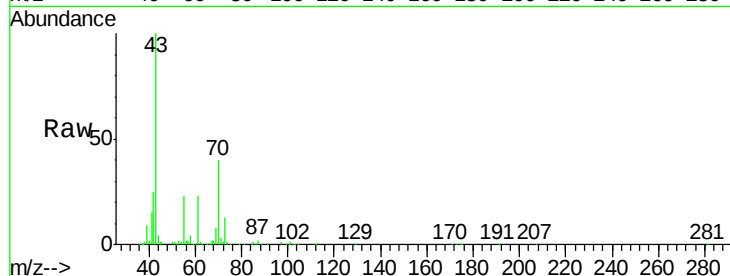
#47
n-amvl Acetate
Concen: 16.181 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 104146
Ion Ratio Lower Upper
43 100
55 24.4 18.6 27.8

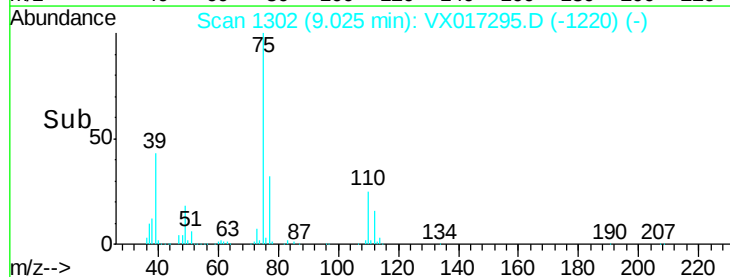
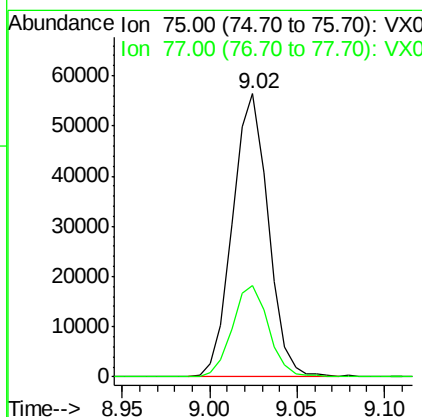
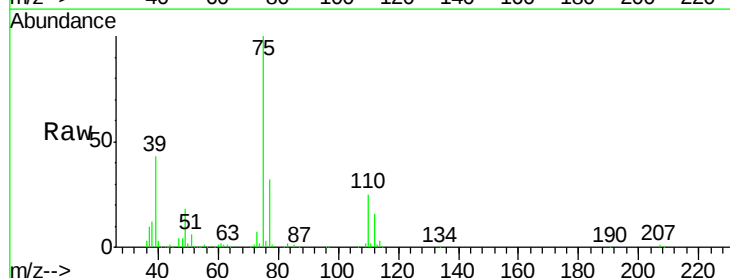
Manual Integrations
APPROVED

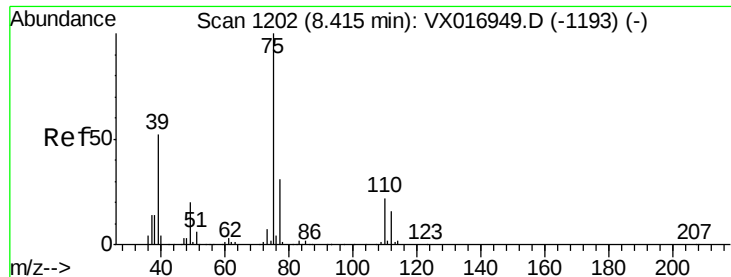
MMDadoda
7/9/2020 11:00:10 AM



#48
t-1,3-Dichloropropene
Concen: 16.274 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion: 75 Resp: 79711
Ion Ratio Lower Upper
75 100
77 32.0 27.0 40.4





#49

cis-1,3-Dichloropropene

Concen: 16.316 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

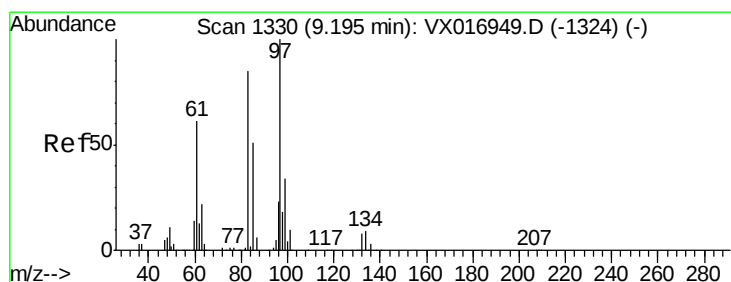
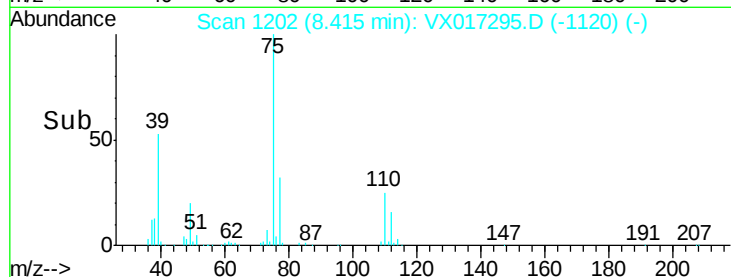
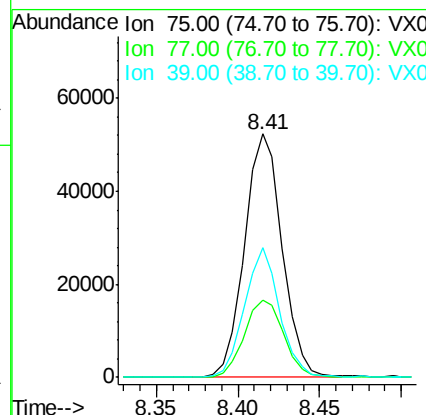
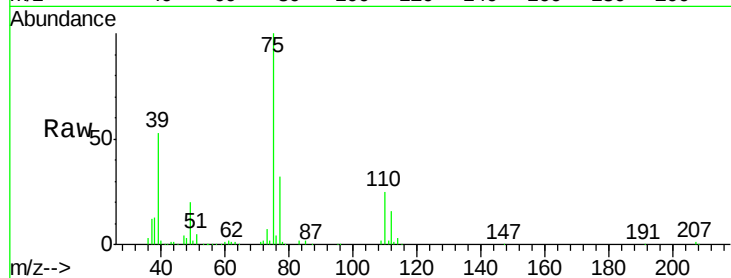
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	83987
Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.8	37.2
39	53.3	41.8	62.6

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 18.724 ug/l

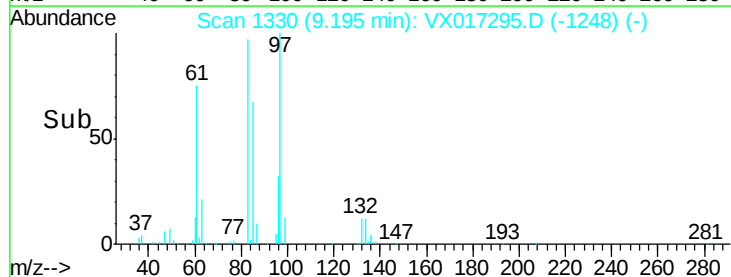
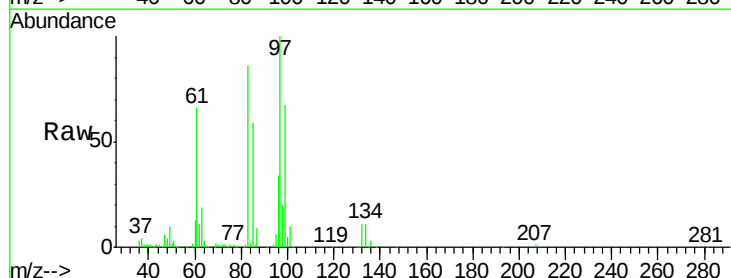
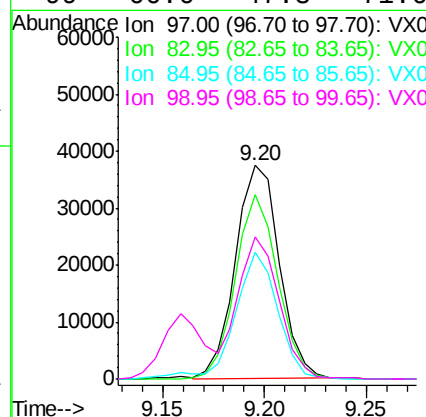
RT: 9.20 min Scan# 1330

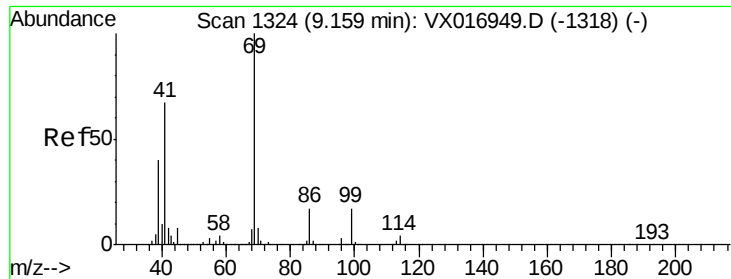
Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Tgt Ion:	97	Resp:	55900
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.4	101.0
85	59.3	42.9	64.3
99	66.6	47.8	71.6





#51

Ethyl methacrylate

Concen: 17.115 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

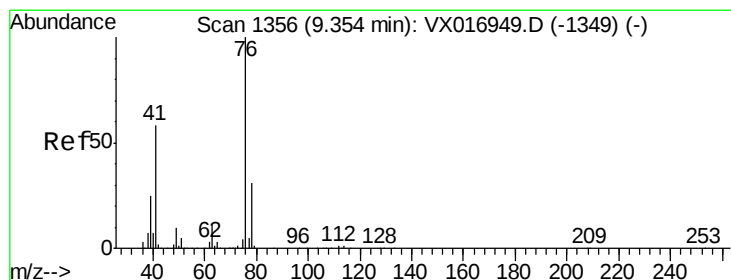
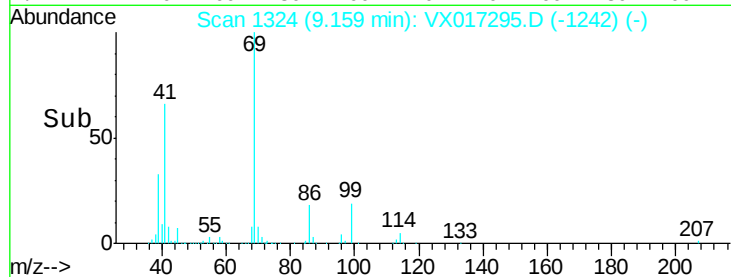
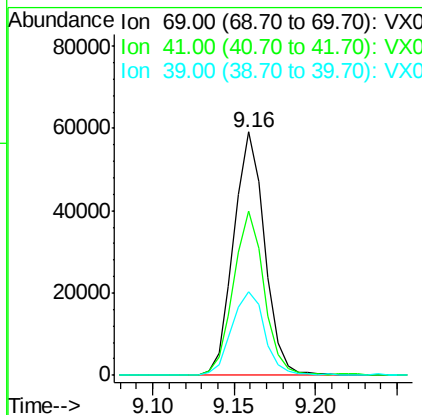
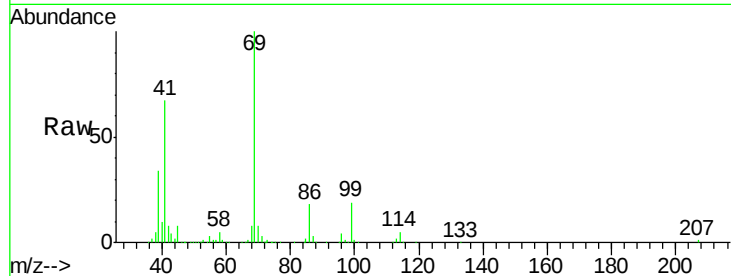
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	78416
Ion	Ratio	Lower	Upper
69	100		
41	67.2	33.7	101.1
39	34.4	19.9	59.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.429 ug/l

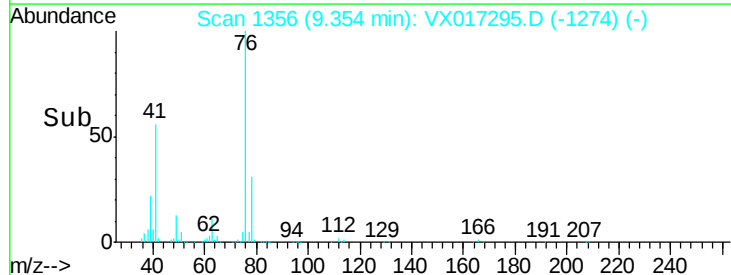
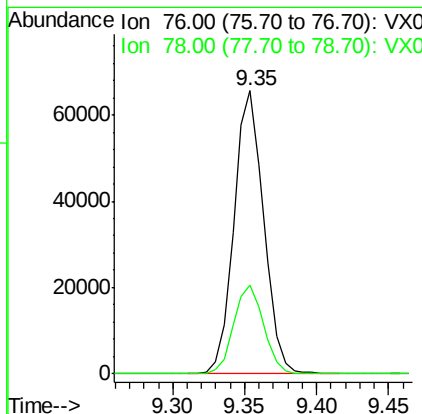
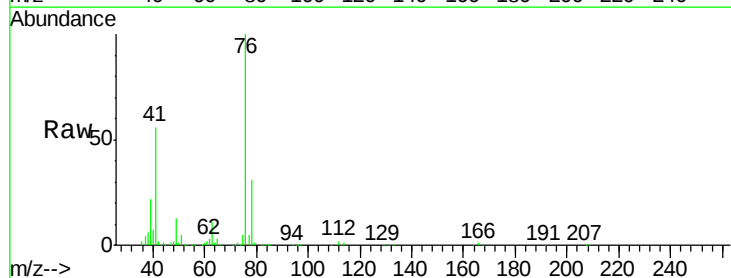
RT: 9.35 min Scan# 1356

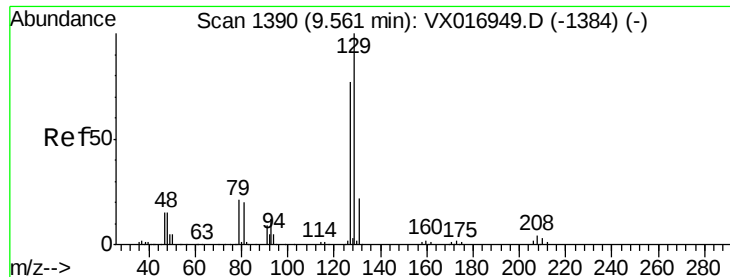
Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Tgt Ion:	76	Resp:	94461
Ion	Ratio	Lower	Upper
76	100		
78	31.5	0.0	62.4





#53

Dibromochloromethane

Concen: 19.606 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 67279

Ion Ratio Lower Upper

129 100

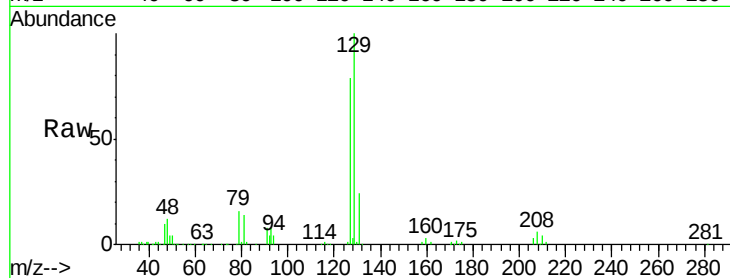
127 76.8 38.7 116.1

Manual Integrations

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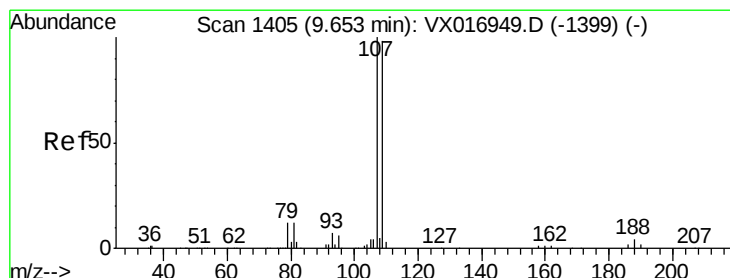
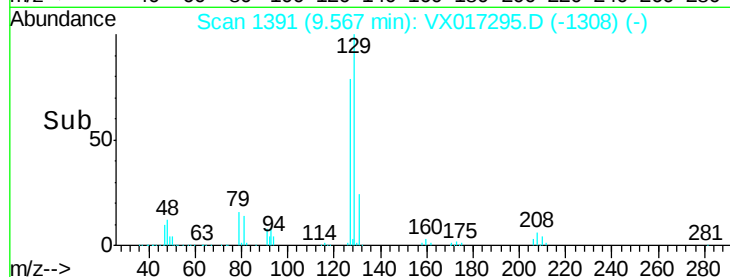
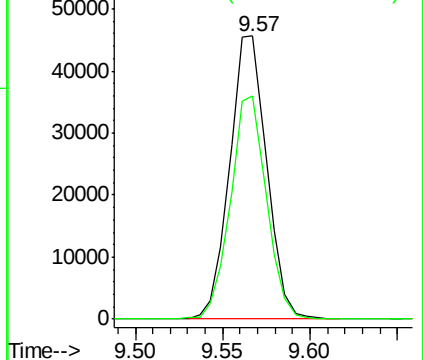
MMDadoda

7/9/2020 11:00:10 AM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.197 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017295.D

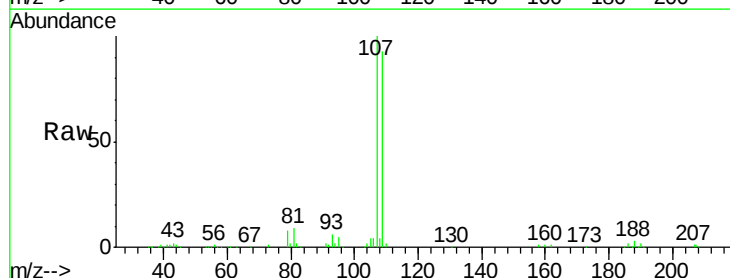
Acq: 09 Jul 2020 06:36

Tgt Ion:107 Resp: 60816

Ion Ratio Lower Upper

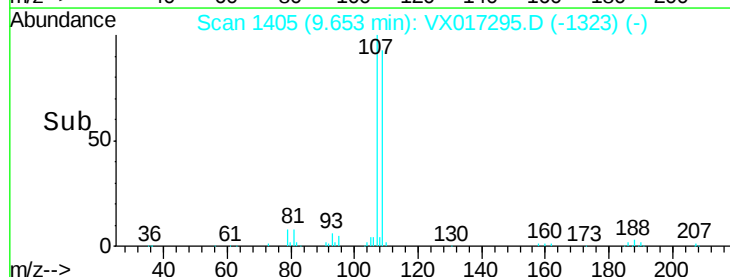
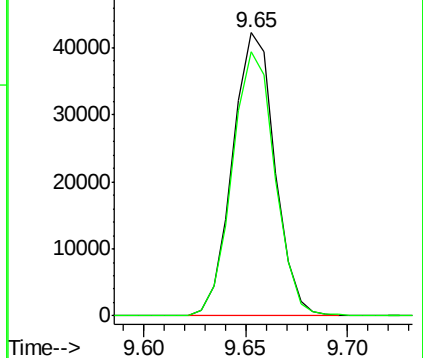
107 100

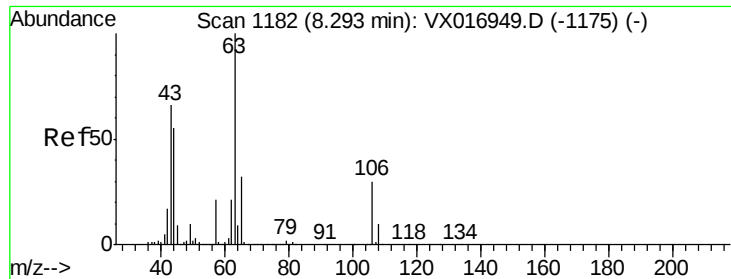
109 94.1 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





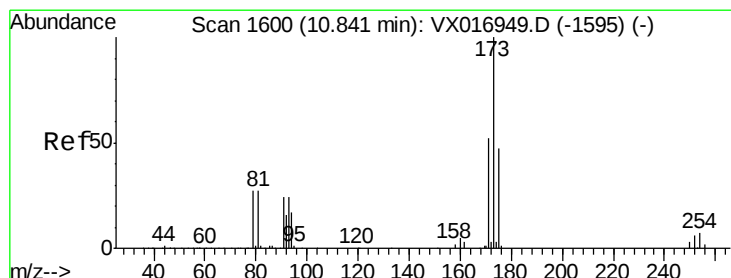
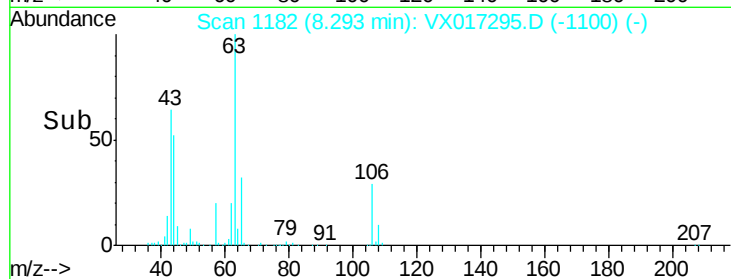
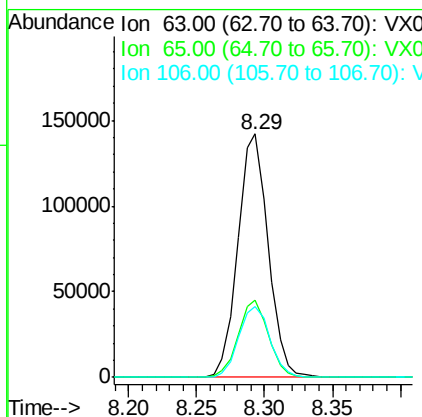
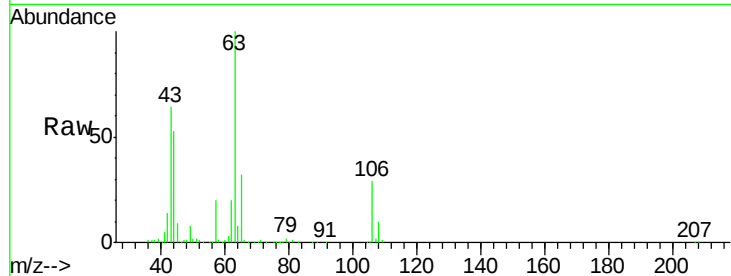
#55
 2-Chloroethyl vinyl ether
 Concen: 91.073 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.9	38.9
106	30.2	22.6	33.8

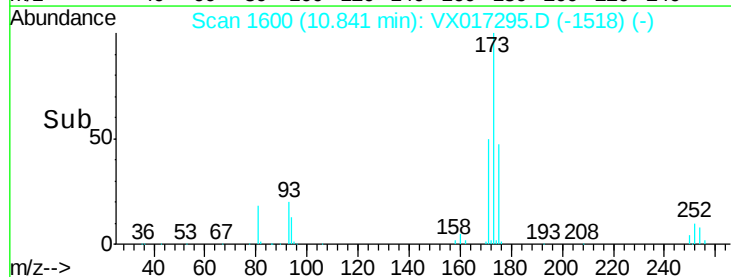
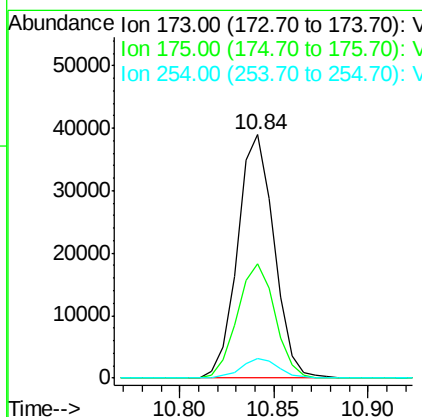
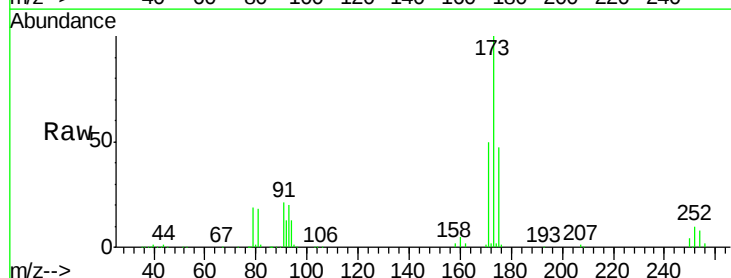
Manual Integrations
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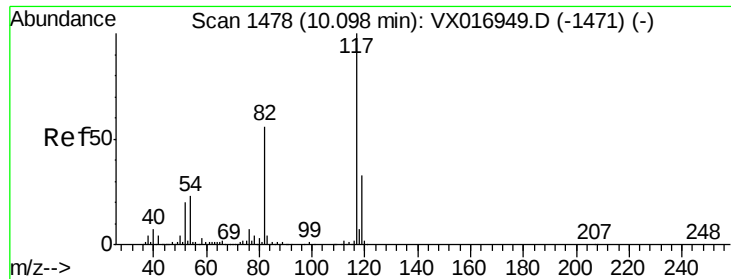
MMDadoda
 7/9/2020 11:00:10 AM



#56
 Bromoform
 Concen: 21.541 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.7	58.1
254	8.2	5.8	8.6





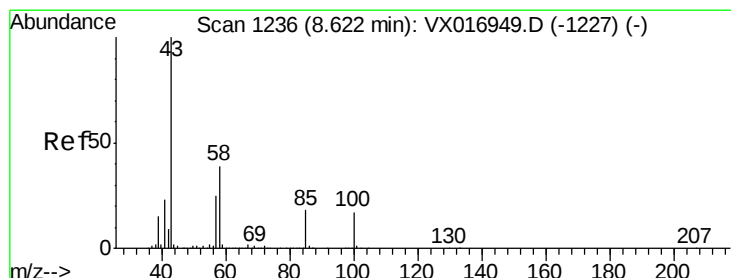
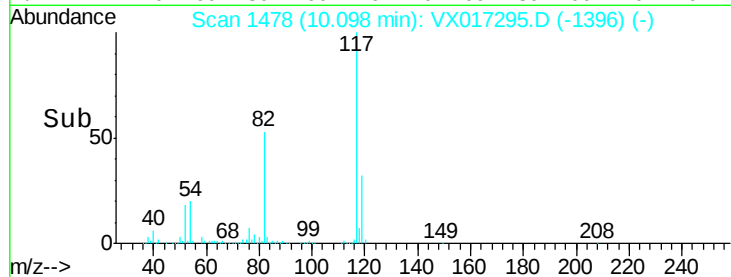
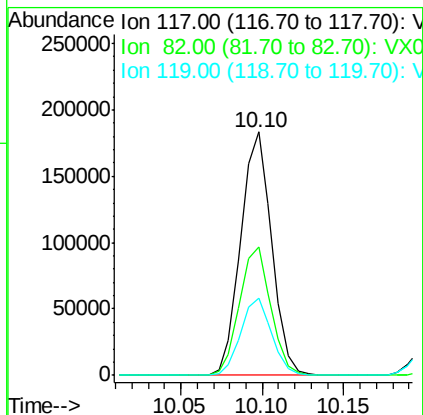
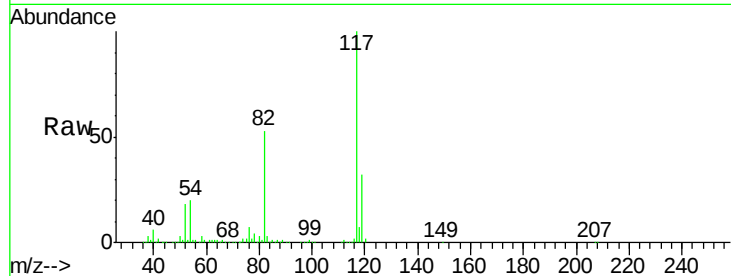
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.9	67.3
119	31.6	25.8	38.8

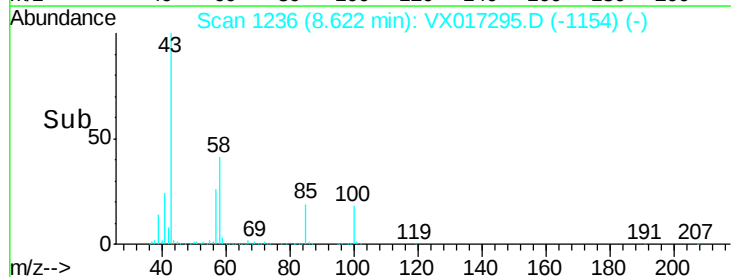
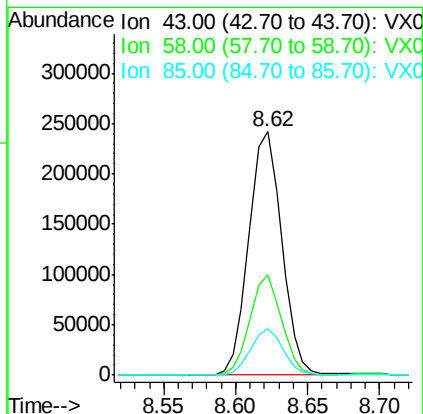
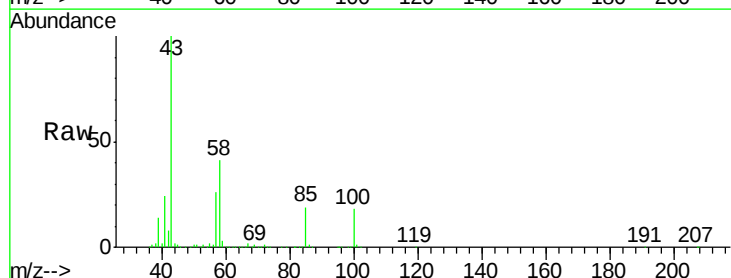
Manual Integrations
APPROVED

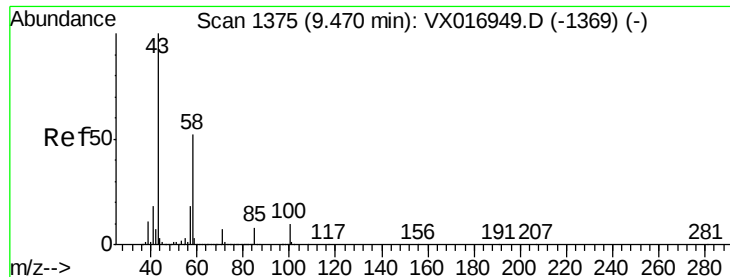
MMDadoda
7/9/2020 11:00:10 AM



#58
4-Methyl-2-Pentanone
Concen: 85.293 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	30.4	45.6
85	18.8	13.5	20.3





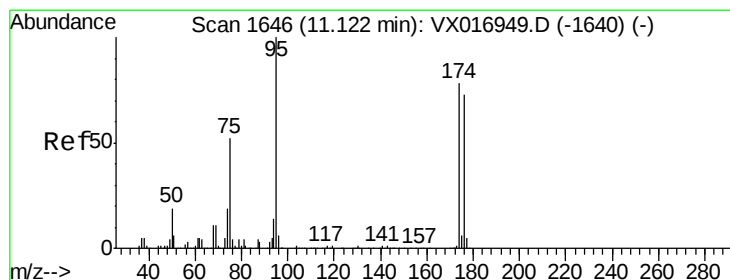
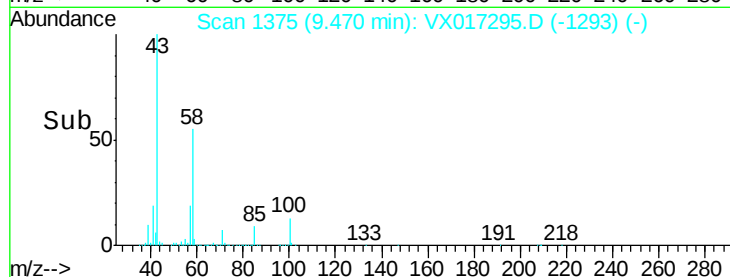
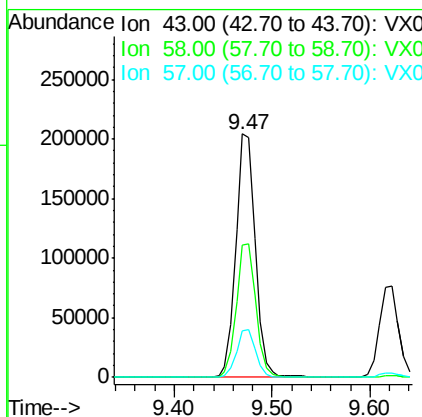
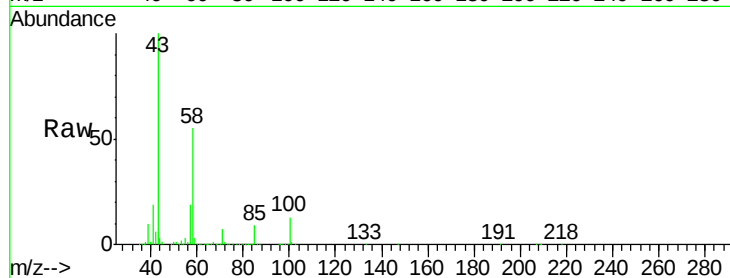
#59
2-Hexanone
Concen: 84.454 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.8	42.3	63.5
57	19.5	14.1	21.1

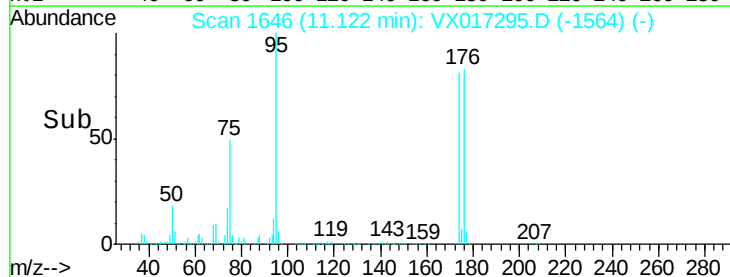
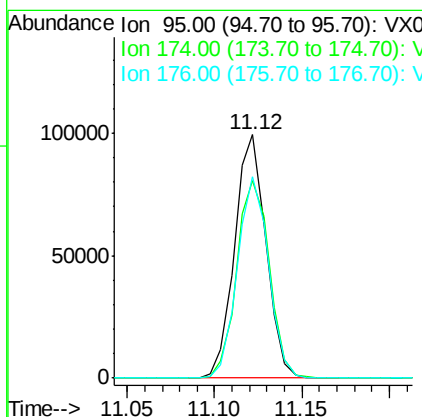
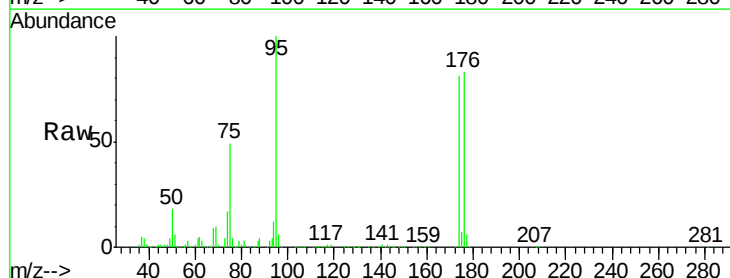
Manual Integrations
APPROVED

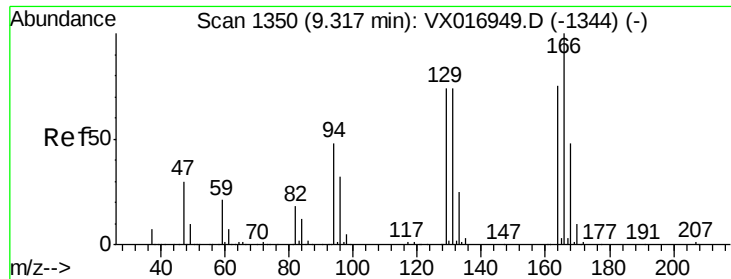
MMDadoda
7/9/2020 11:00:10 AM



#60
4-Bromofluorobenzene
Concen: 30.448 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.5	62.2	93.4
176	82.4	58.9	88.3





#61

Tetrachloroethene

Concen: 19.592 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 60848

Ion Ratio Lower Upper

164 100

166 129.1 106.3 159.5

129 93.7 78.9 118.3

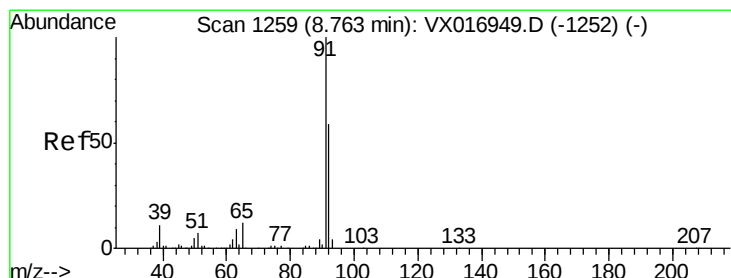
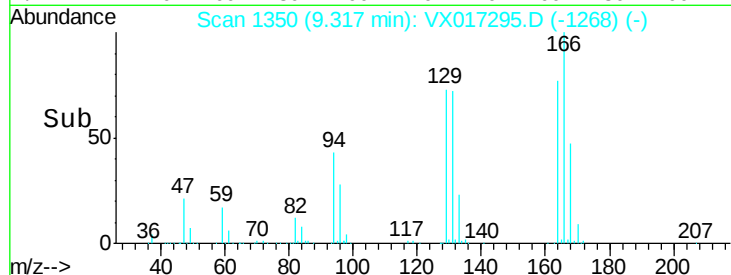
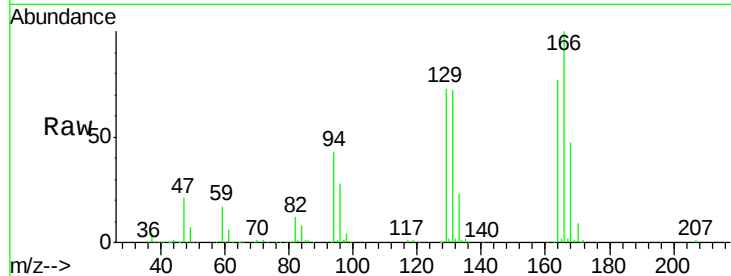
131 92.4 78.2 117.4

Manual Integrations

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7/9/2020 11:00:10 AM



#62

Toluene

Concen: 16.873 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017295.D

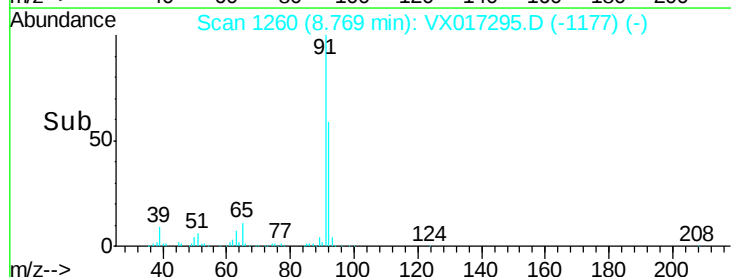
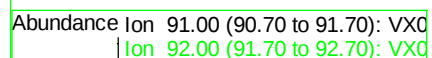
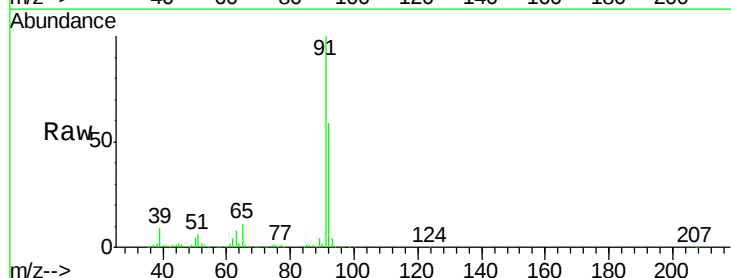
Acq: 09 Jul 2020 06:36

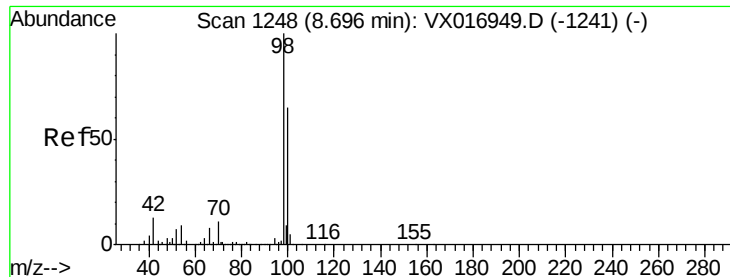
Tgt Ion: 91 Resp: 224745

Ion Ratio Lower Upper

91 100

92 59.8 46.8 70.2





#63

Toluene-d8

Concen: 28.869 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 309902

Ion Ratio Lower Upper

98 100

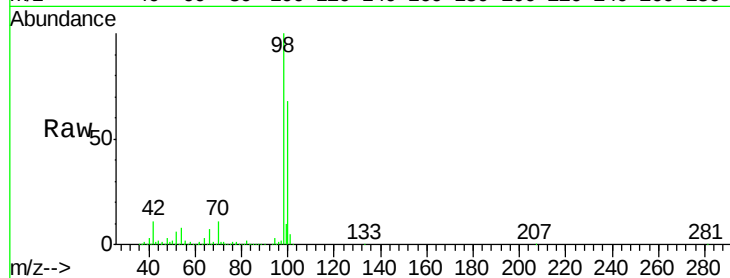
100 65.8 52.3 78.5

Manual Integrations

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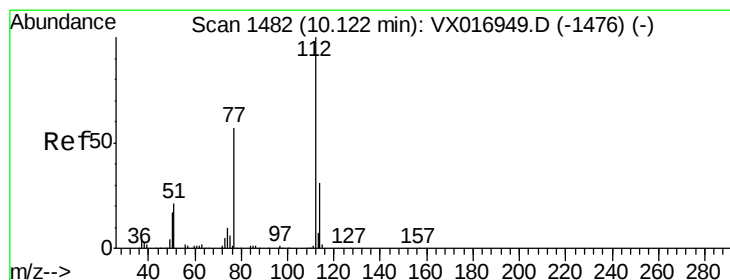
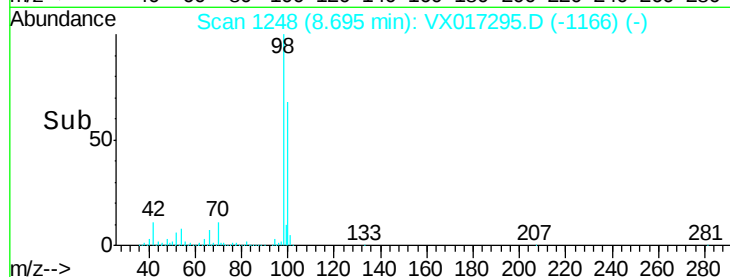
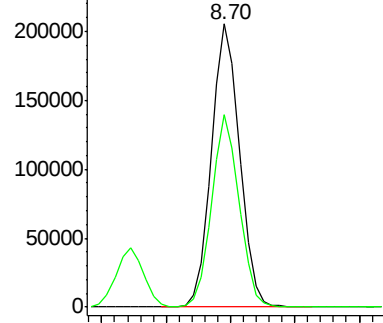
MMDadoda

7/9/2020 11:00:10 AM



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#64

Chlorobenzene

Concen: 17.926 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017295.D

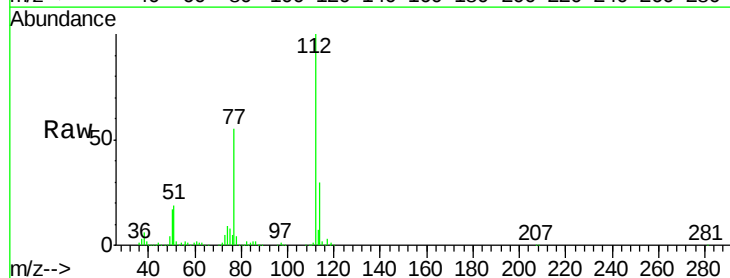
Acq: 09 Jul 2020 06:36

Tgt Ion: 112 Resp: 149588

Ion Ratio Lower Upper

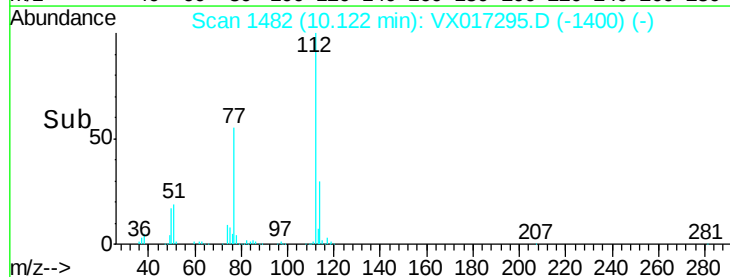
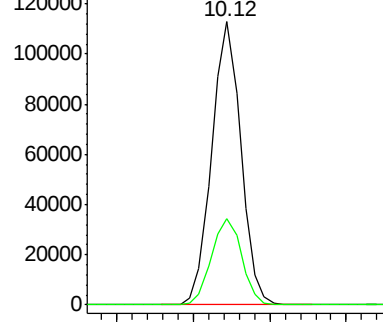
112 100

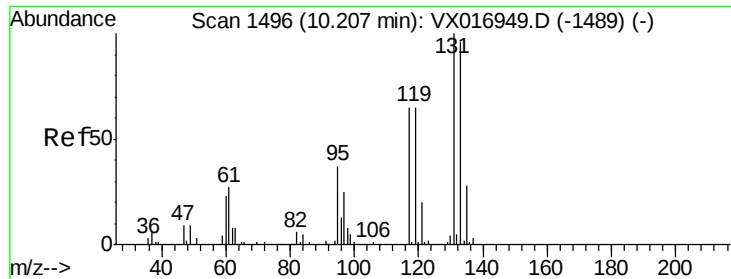
114 30.5 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





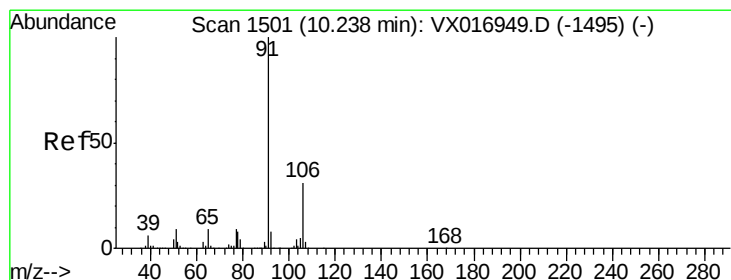
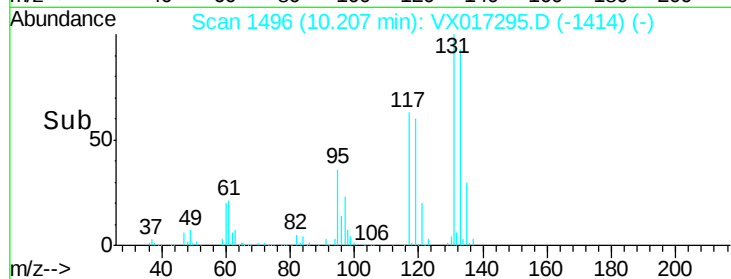
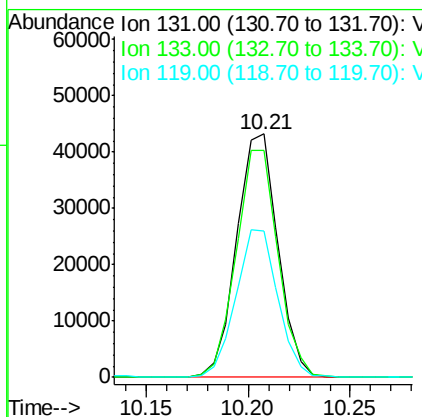
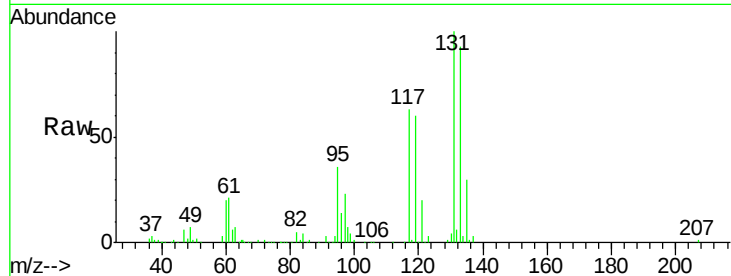
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.339 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.5	0.0	190.2
119	61.9	0.0	133.2

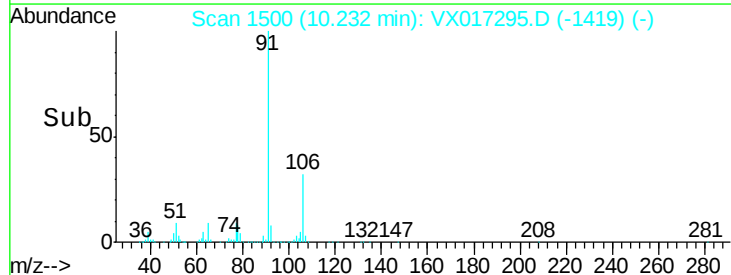
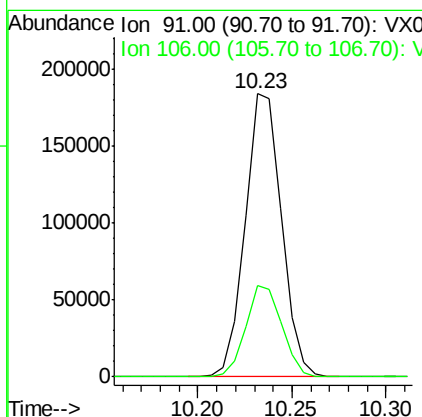
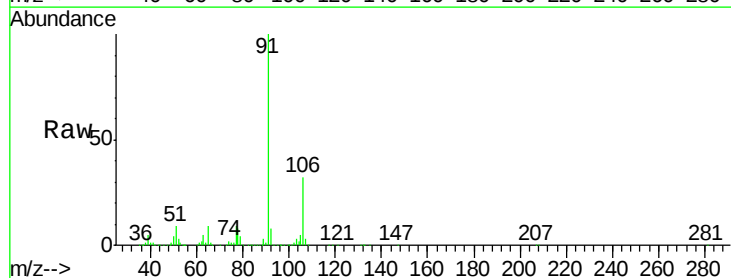
Manual Integrations
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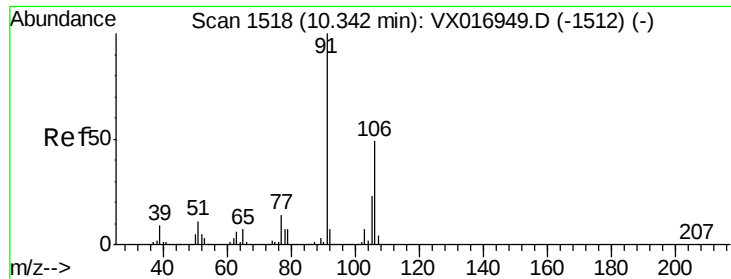
MMDadoda
 7/9/2020 11:00:10 AM



#66
 Ethyl Benzene
 Concen: 16.637 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.1	24.8	37.2





#67

m/p-Xvlenes

Concen: 34.373 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 191529

Ion Ratio Lower Upper

106 100

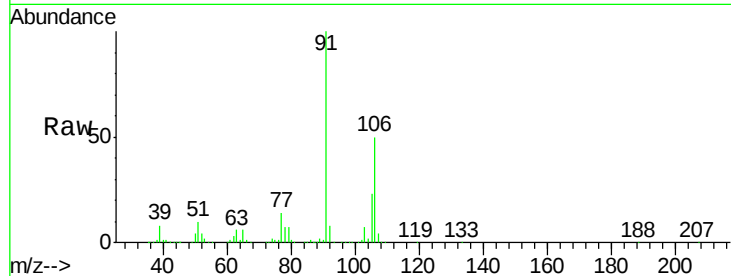
91 202.5 164.5 246.7

Manual Integrations

APPROVED

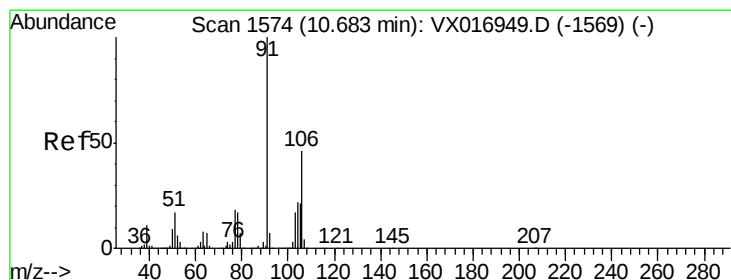
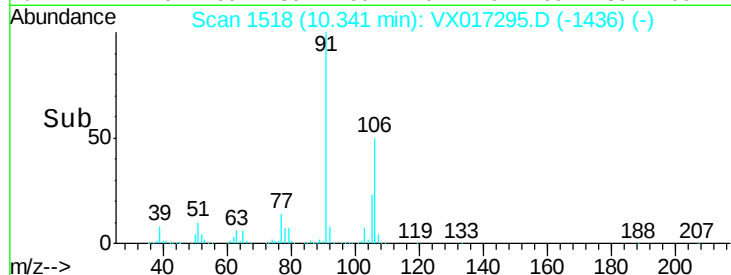
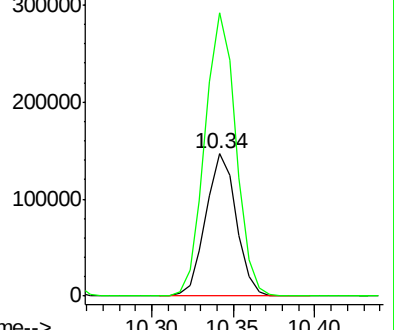
MMDadoda

7/9/2020 11:00:10 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 16.633 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017295.D

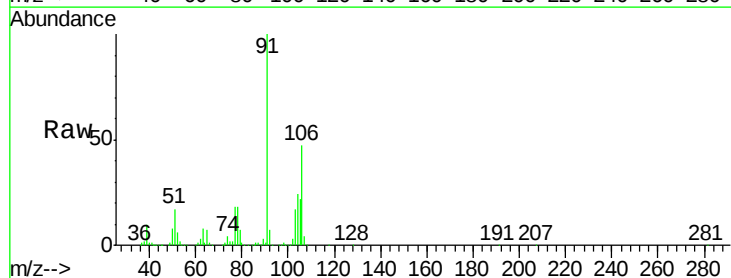
Acq: 09 Jul 2020 06:36

Tgt Ion:106 Resp: 89028

Ion Ratio Lower Upper

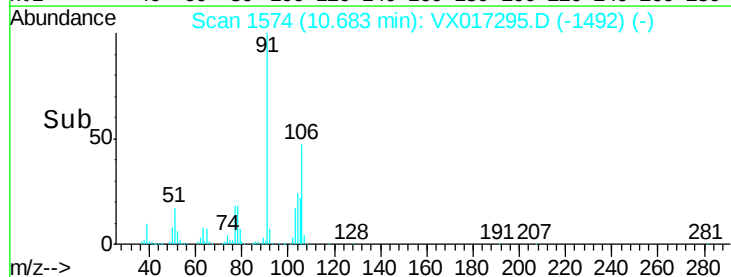
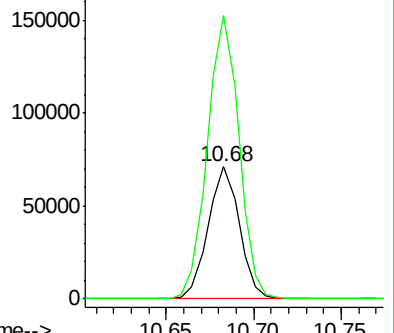
106 100

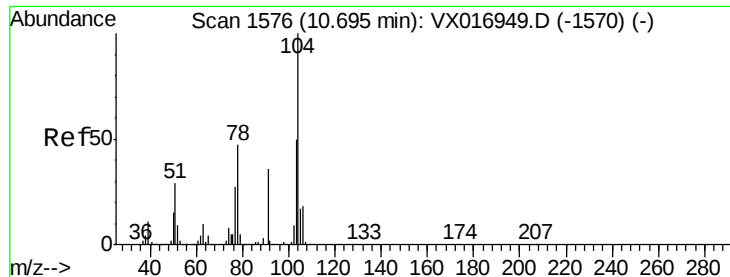
91 215.6 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





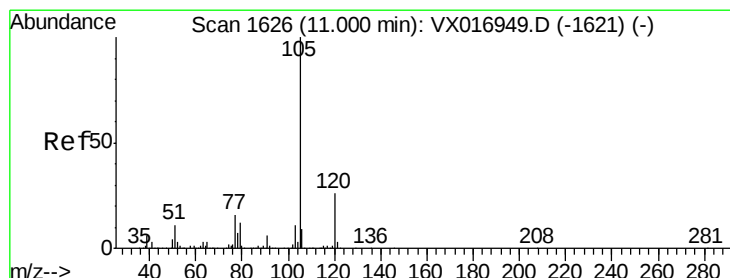
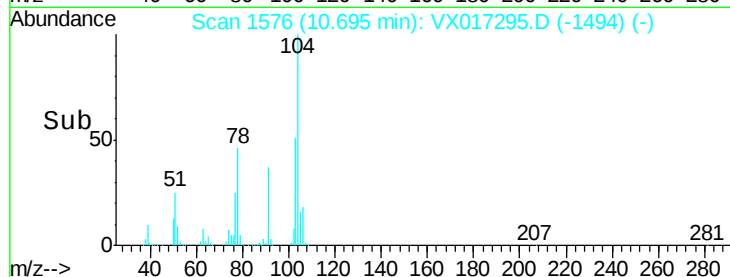
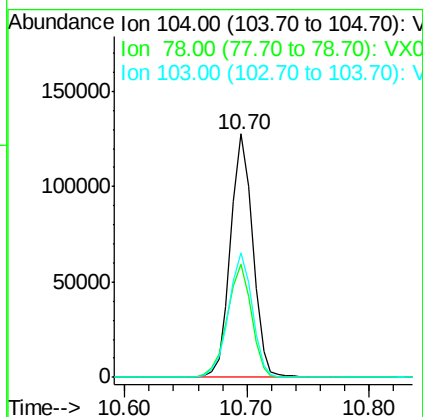
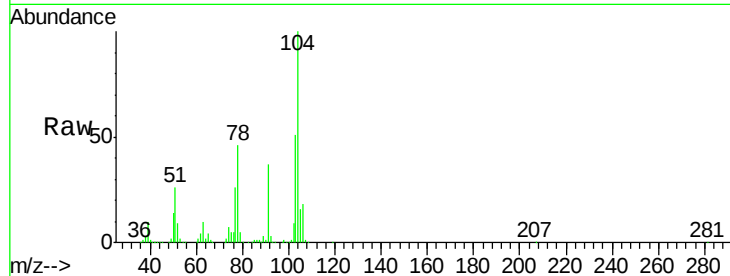
#69
Stvrene
Concen: 17.442 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.9	42.6	64.0
103	54.4	44.1	66.1

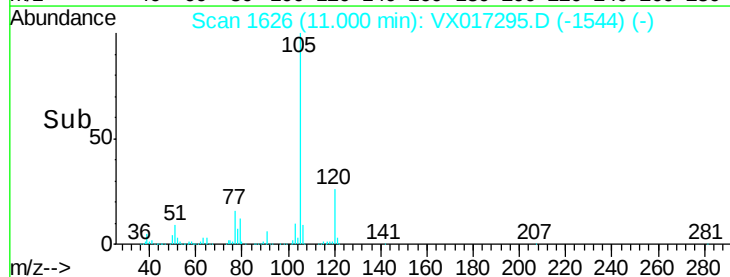
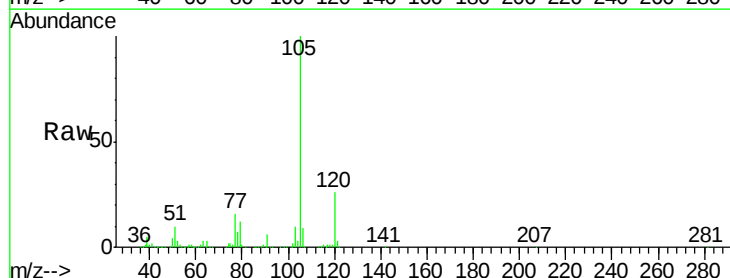
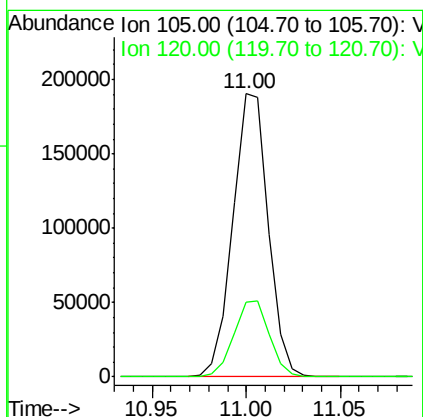
Manual Integrations
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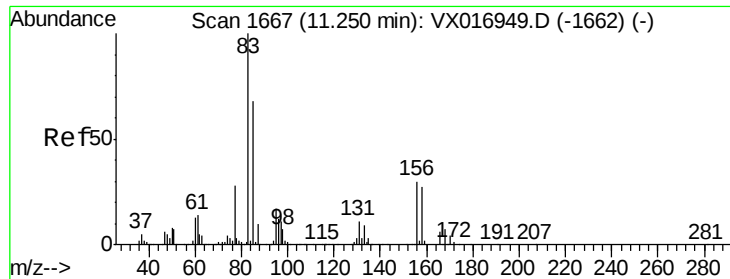
MMDadoda
7/9/2020 11:00:10 AM



#70
Isopropylbenzene
Concen: 17.091 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	19.0	35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 17.784 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

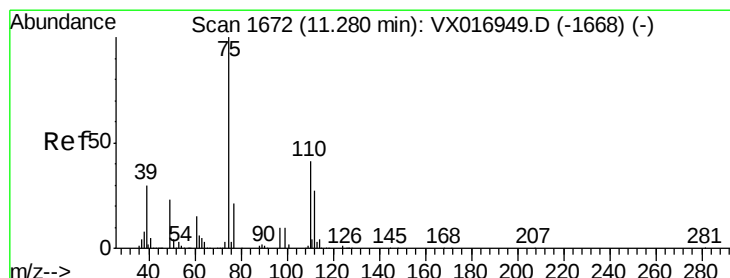
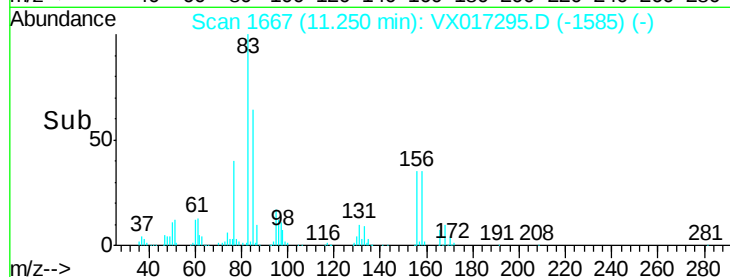
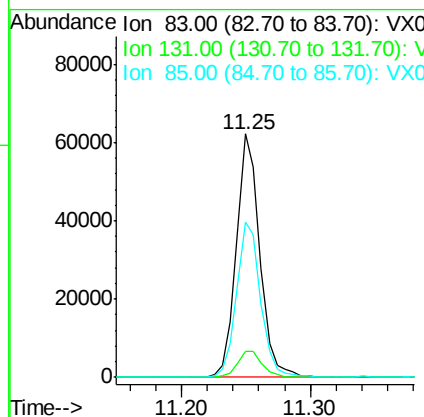
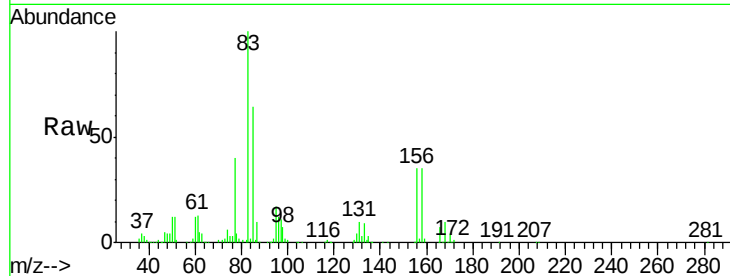
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	79288
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.2	15.6
85	65.6	33.1	99.3

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 18.177 ug/l m

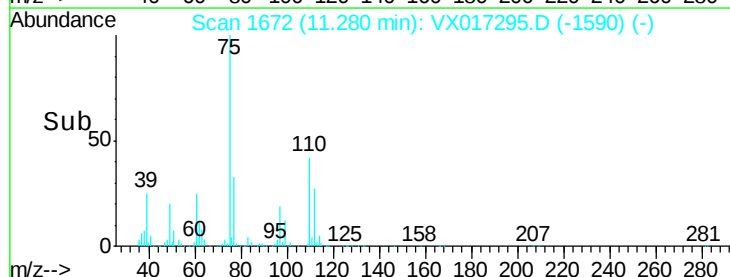
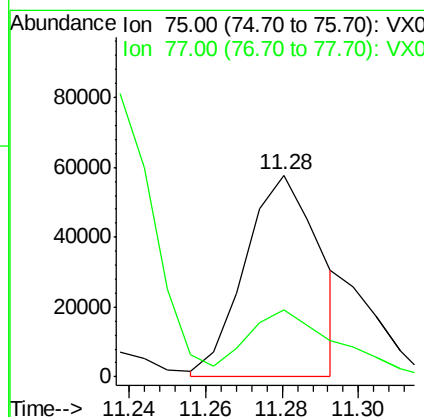
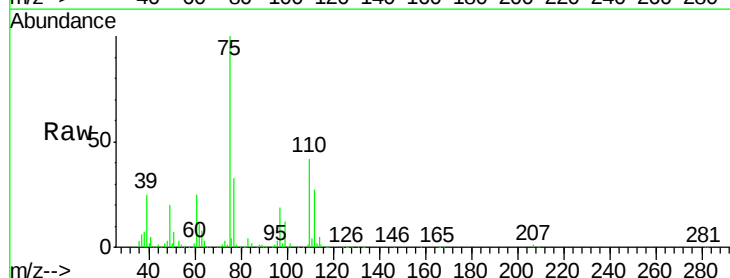
RT: 11.28 min Scan# 1672

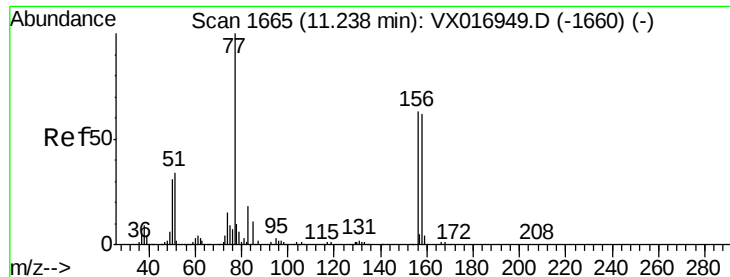
Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Tgt Ion:	75	Resp:	77828
Ion Ratio	Lower	Upper	
75	100		
77	40.1	0.0	77.2





#73

Bromobenzene

Concen: 18.546 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

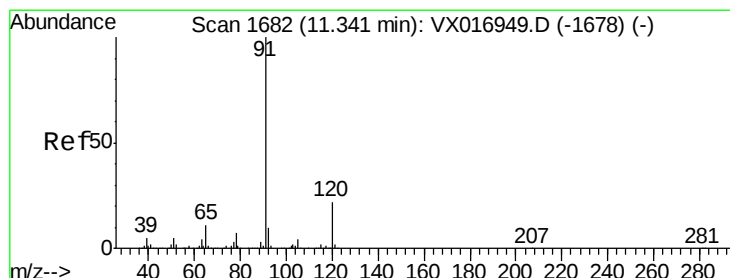
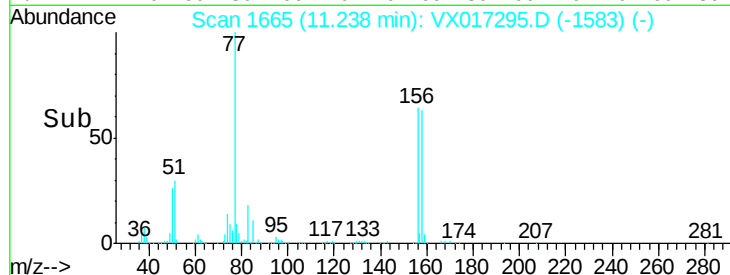
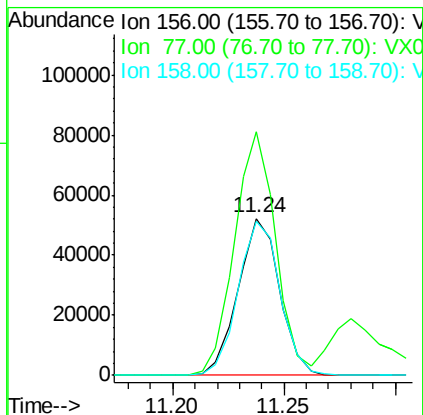
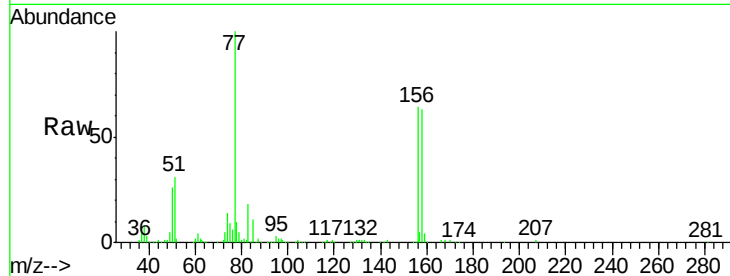
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	67950
Ion	Ratio	Lower	Upper
156	100		
77	152.9	0.0	317.2
158	99.1	0.0	188.4

Manual Integrations
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7/9/2020 11:00:10 AM



#74

n-propylbenzene

Concen: 16.261 ug/l

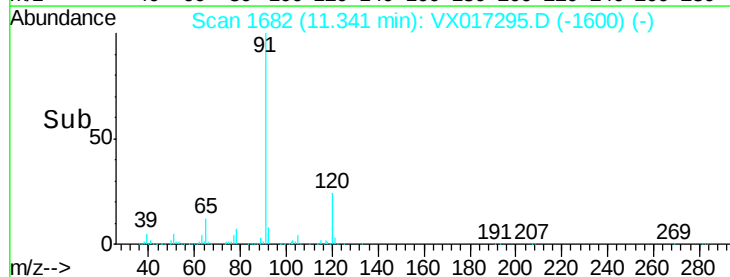
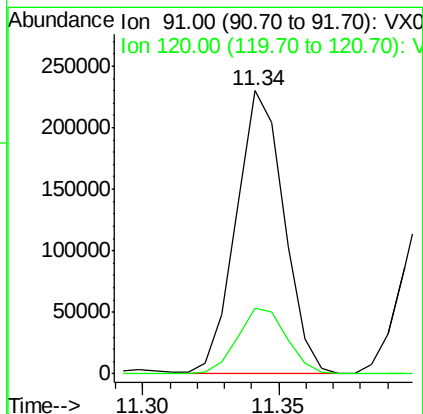
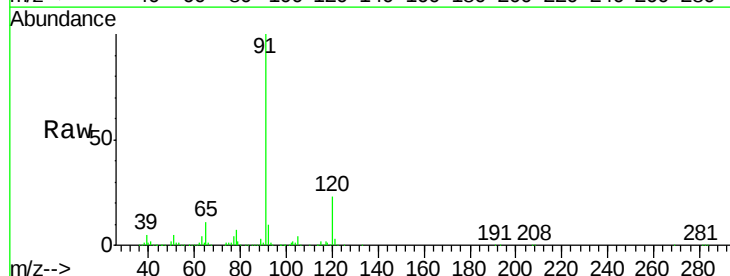
RT: 11.34 min Scan# 1682

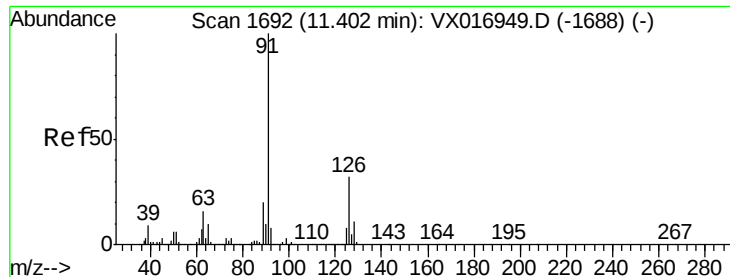
Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Tgt Ion:	91	Resp:	280287
Ion	Ratio	Lower	Upper
91	100		
120	23.9	0.0	45.6





#75

2-Chlorotoluene

Concen: 17.475 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017295.D

Acq: 09 Jul 2020 06:36

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020EC

Tot Ion: 91 Resp: 175648

Ion Ratio Lower Upper

91 100

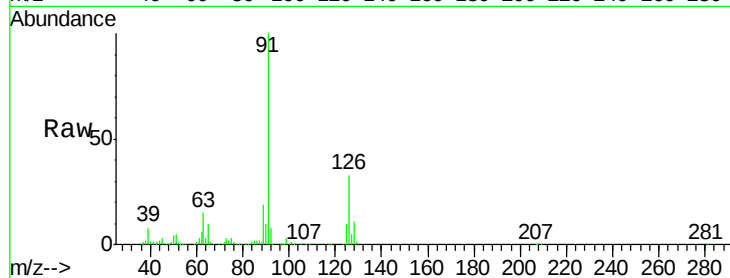
126 34.2 0.0 68.0

Manual Integrations

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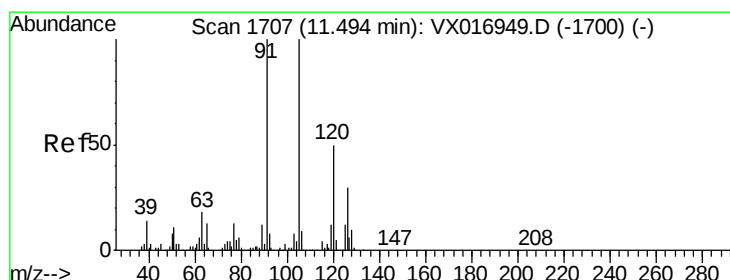
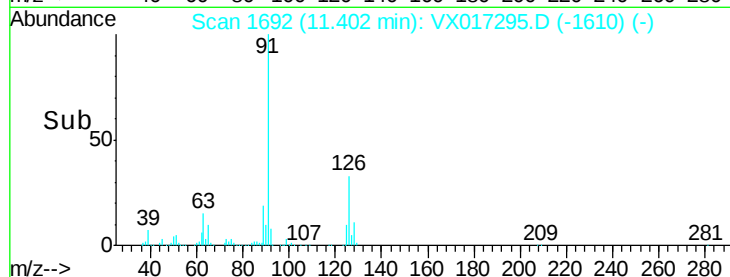
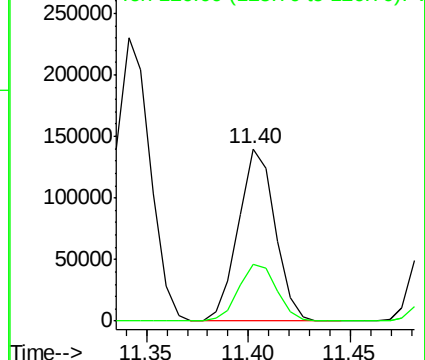
MMDadoda

7/9/2020 11:00:10 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 17.445 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017295.D

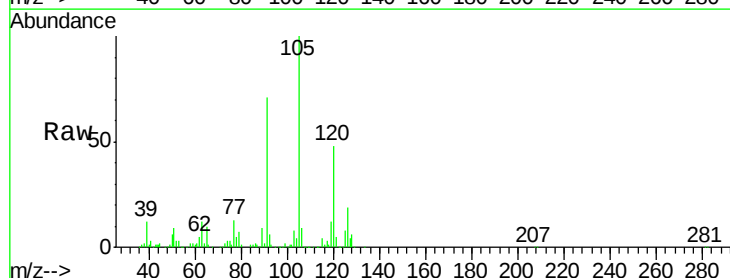
Acq: 09 Jul 2020 06:36

Tgt Ion: 105 Resp: 212579

Ion Ratio Lower Upper

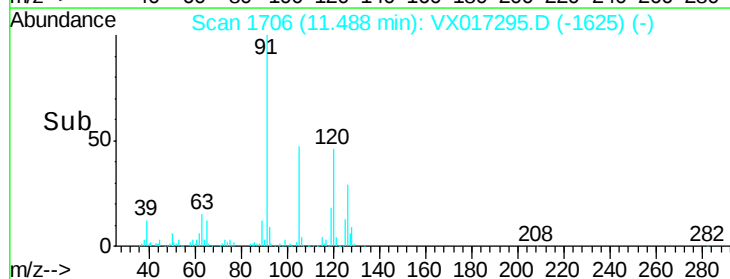
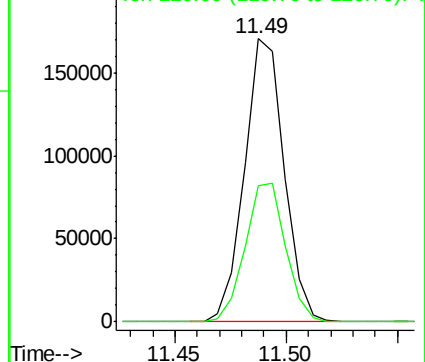
105 100

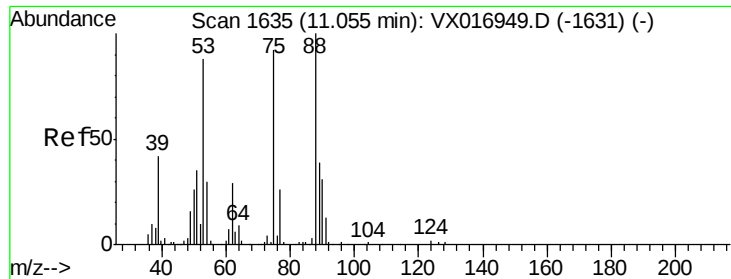
120 49.9 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





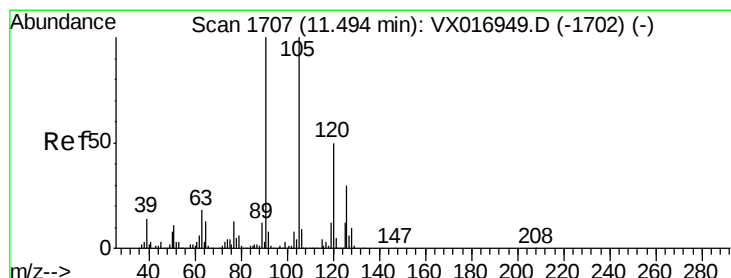
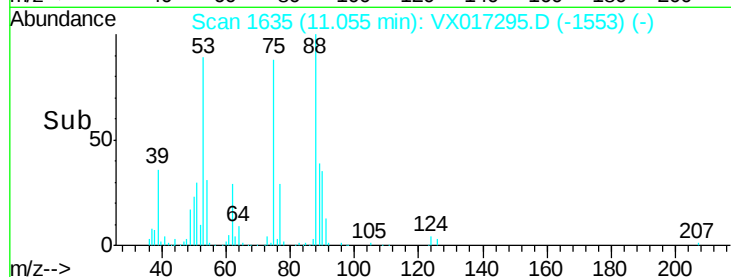
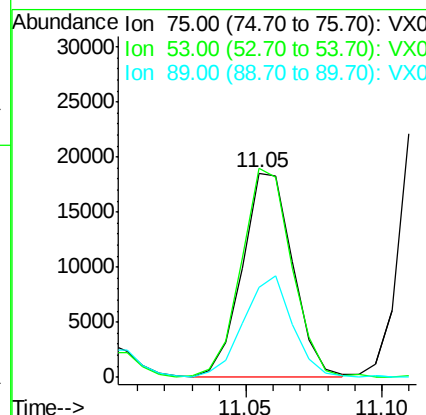
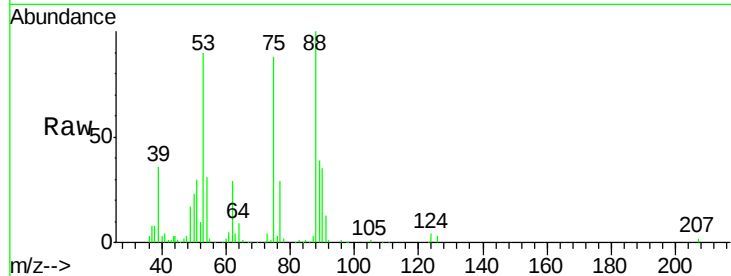
#77
t-1,4-Dichloro-2-butene
Concen: 13.778 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.7	47.6	142.9
89	43.7	21.1	63.4

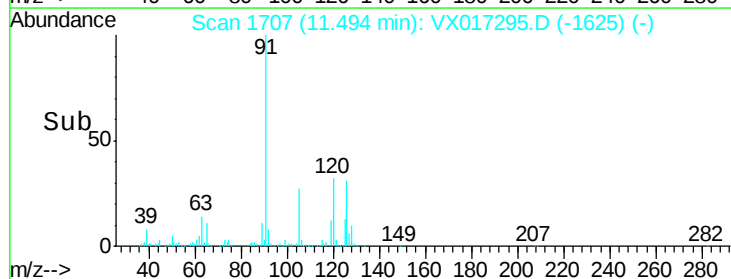
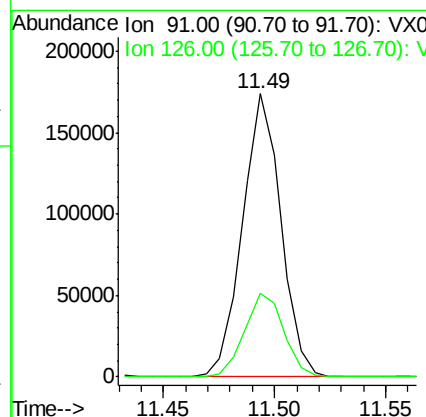
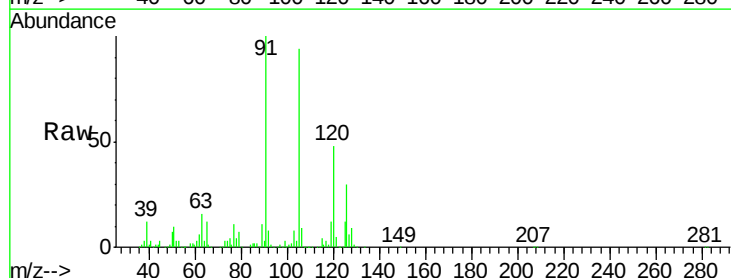
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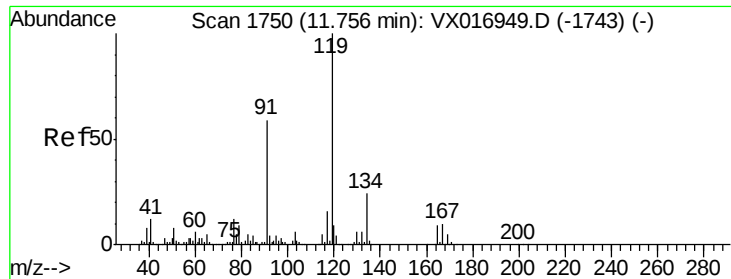
MMDadoda
7/9/2020 11:00:10 AM



#78
4-Chlorotoluene
Concen: 17.557 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	0.0	60.6





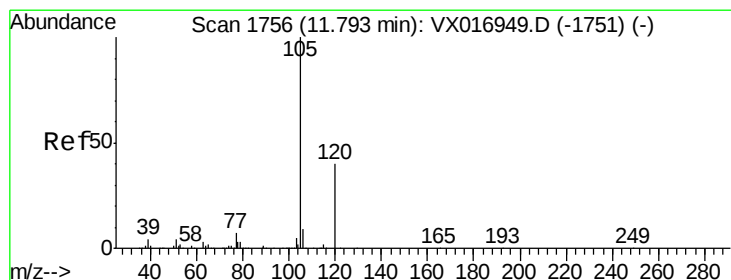
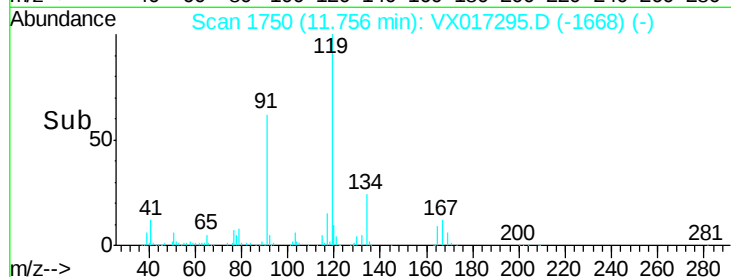
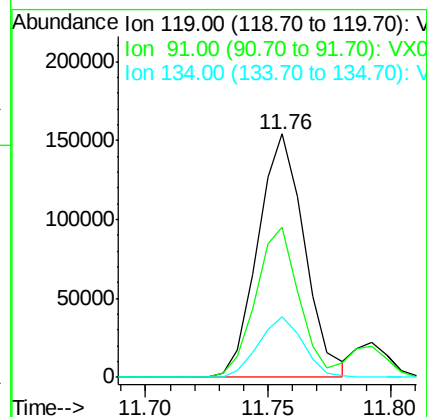
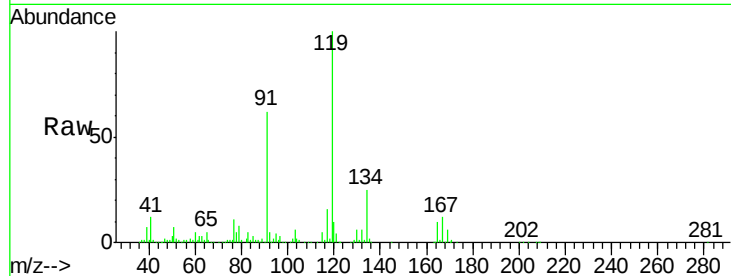
#79
tert-butylbenzene
Concen: 17.478 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	204032		
91	57.2	0.0	115.2	
134	23.9	0.0	45.8	

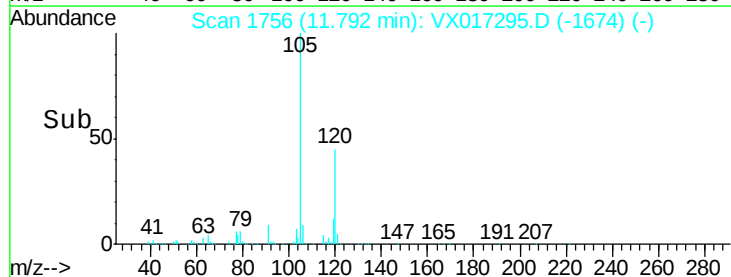
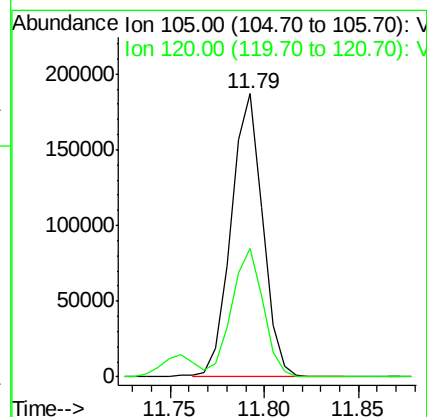
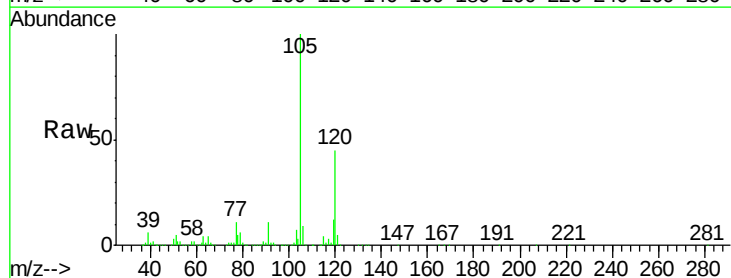
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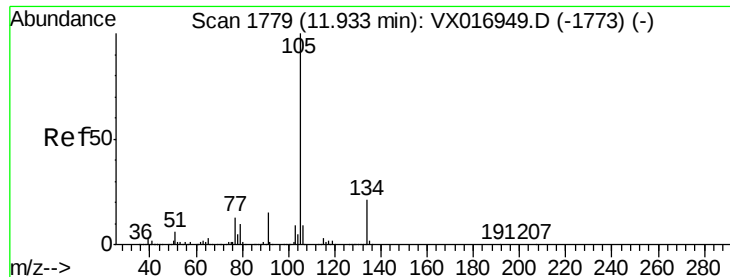
MMDadoda
7/9/2020 11:00:10 AM



#80
1,2,4-Trimethylbenzene
Concen: 17.719 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	216772		
120	45.3	0.0	89.8	





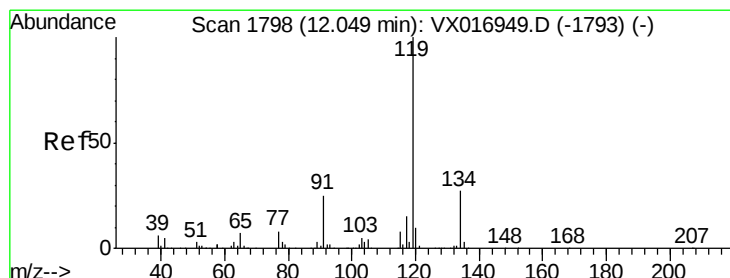
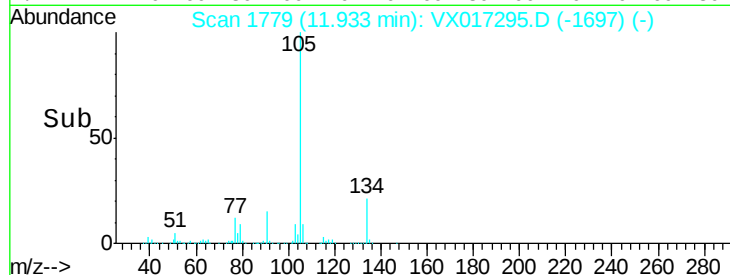
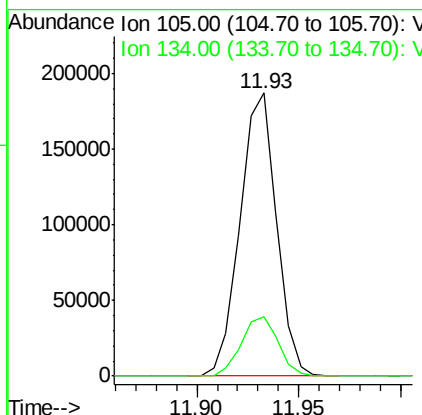
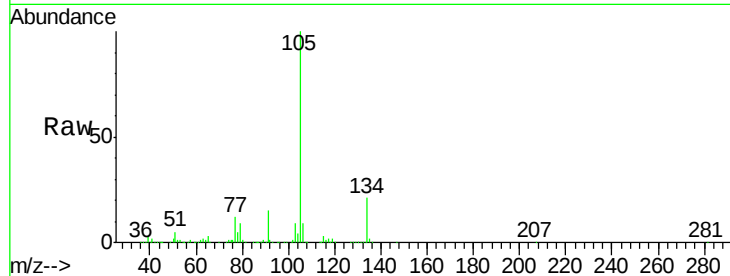
#81
 sec-Butylbenzene
 Concen: 16.395 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	0.0	41.2

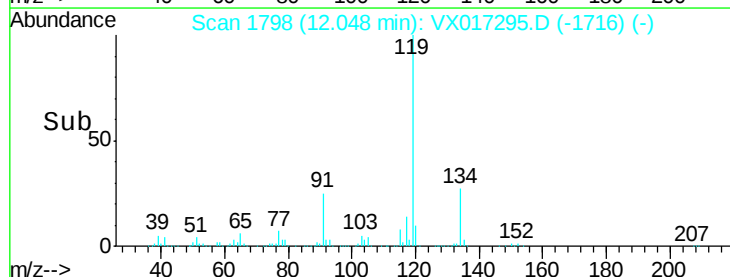
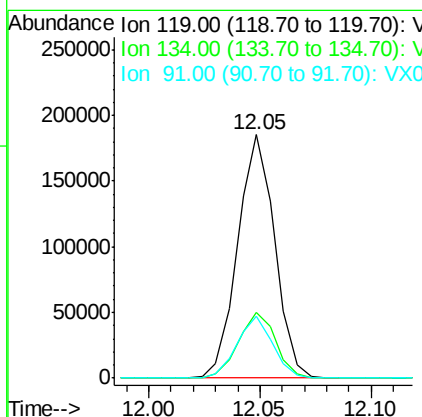
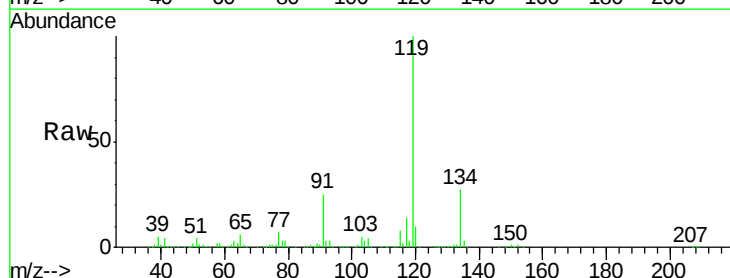
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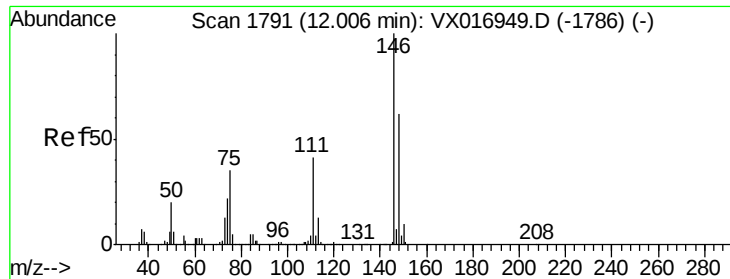
MMDadoda
 7/9/2020 11:00:10 AM



#82
 p-Isopropyltoluene
 Concen: 16.874 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	0.0	53.0
91	24.7	0.0	49.0





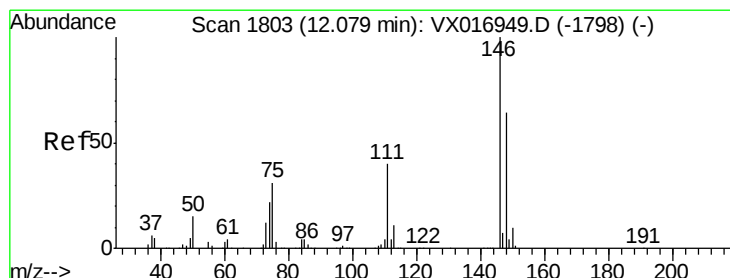
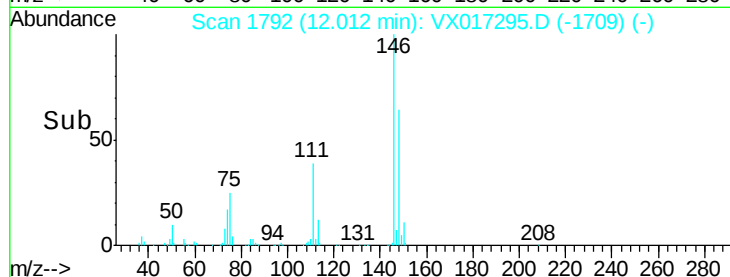
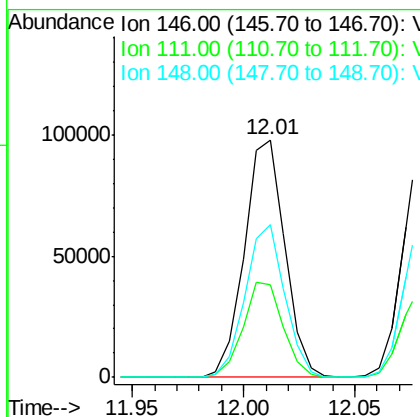
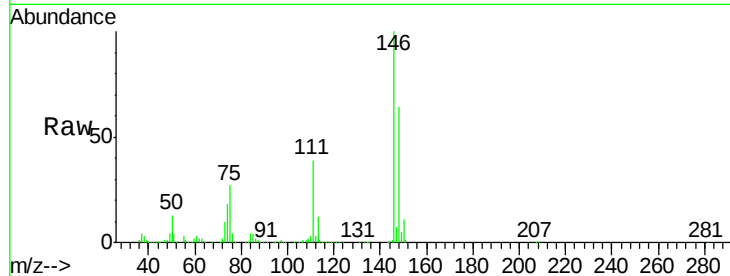
#83
 1,3-Dichlorobenzene
 Concen: 18.997 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.5	58.5
148	62.8	31.8	95.4

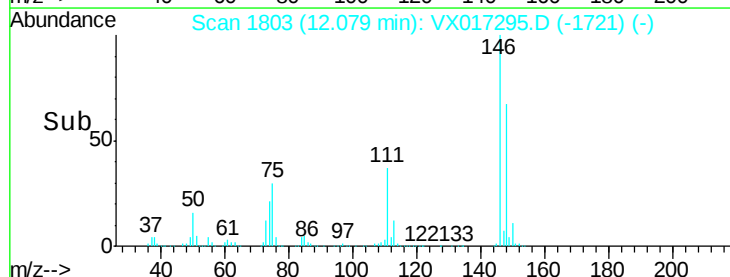
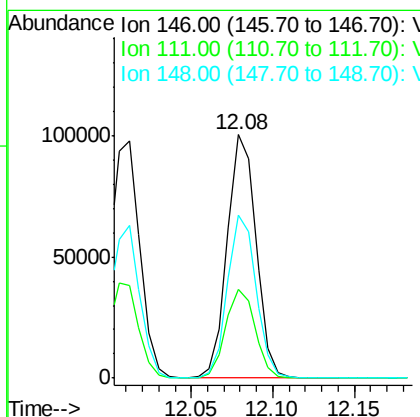
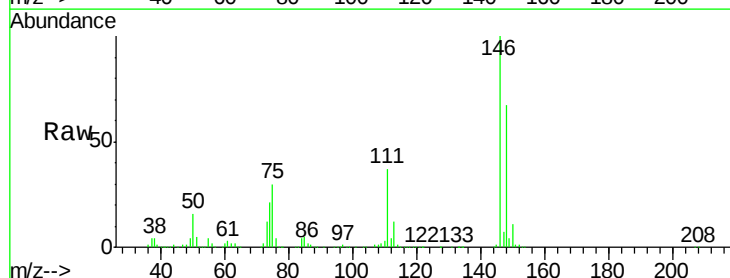
Manual Integrations
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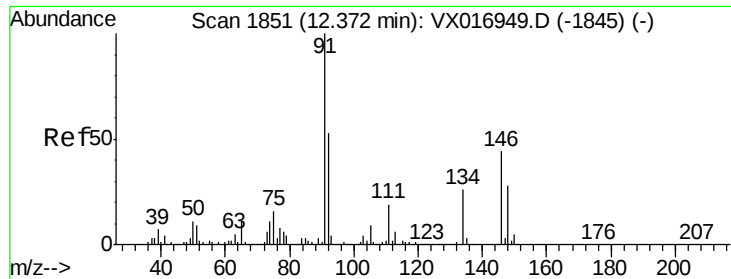
MMDadoda
 7/9/2020 11:00:10 AM



#84
 1,4-Dichlorobenzene
 Concen: 18.727 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.4	58.2
148	66.4	32.1	96.3





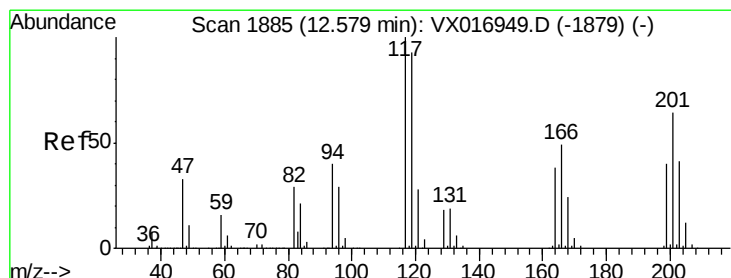
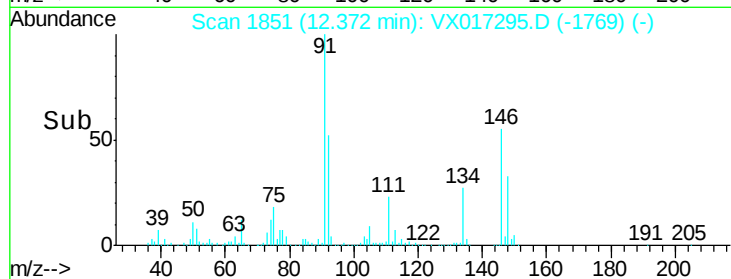
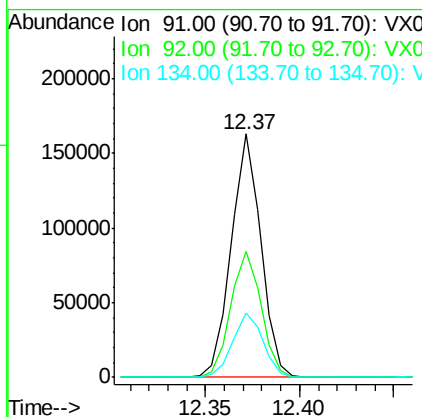
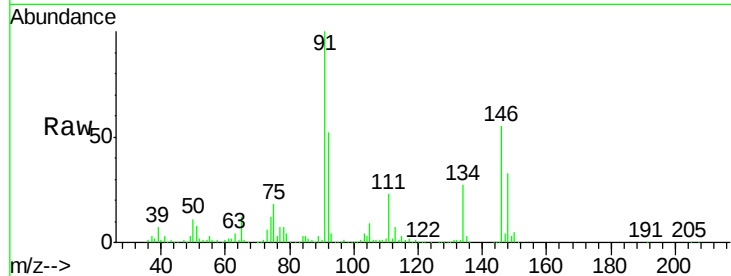
#85
n-Butylbenzene
Concen: 15.118 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	178571		
92	53.0		0.0	105.8
134	27.2		0.0	52.2

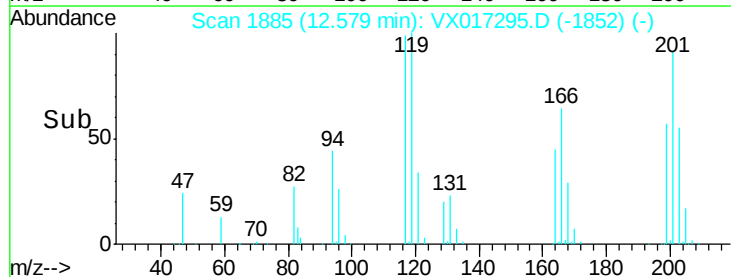
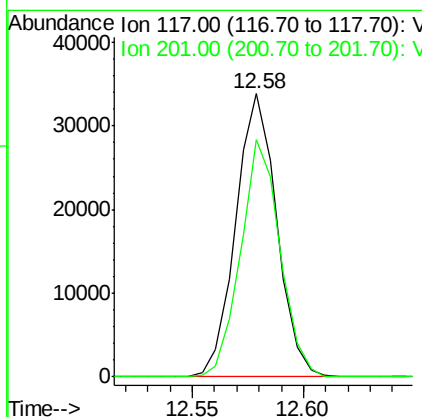
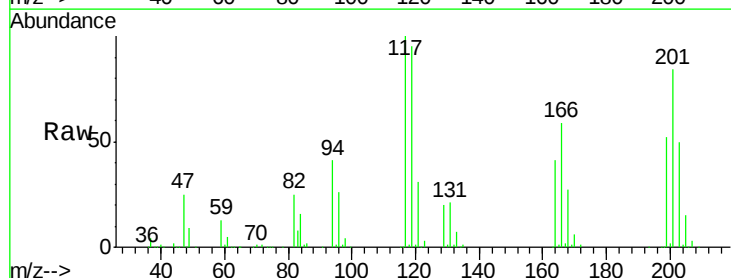
Manual Integrations
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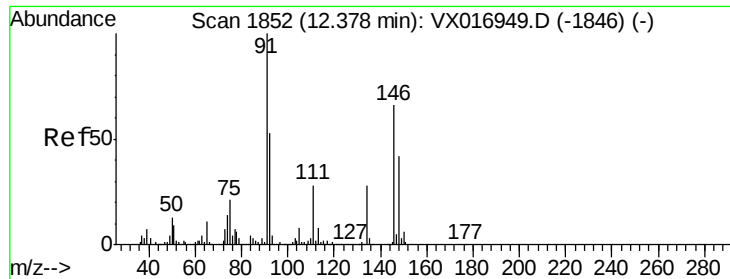
MMDadoda
7/9/2020 11:00:10 AM



#86
Hexachloroethane
Concen: 17.413 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43487		
201	80.3		34.6	103.9





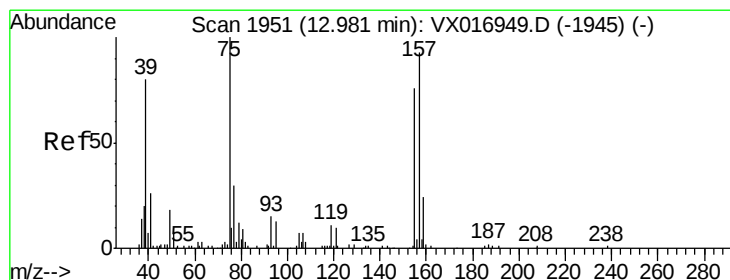
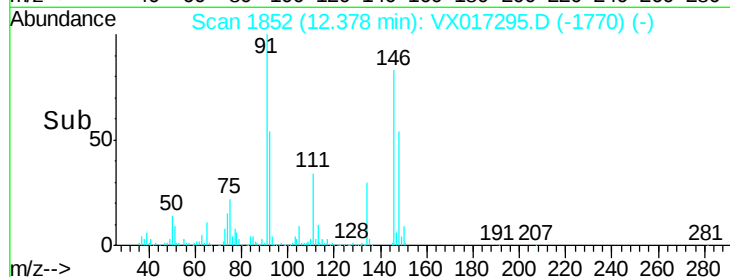
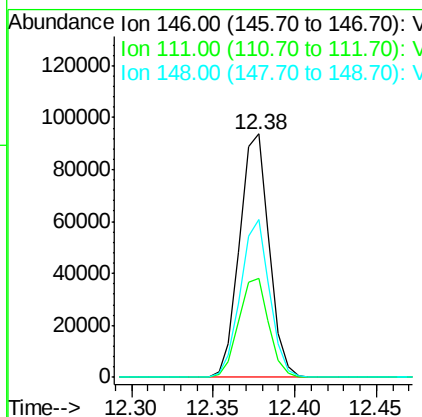
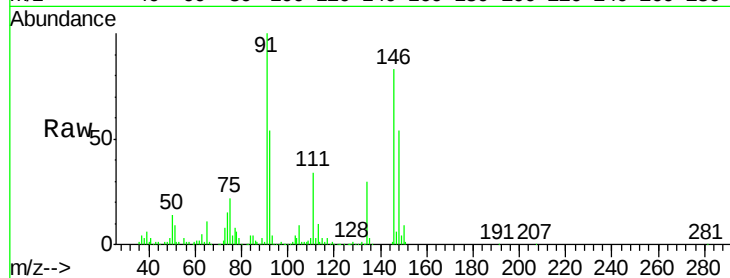
#87
 1,2-Dichlorobenzene
 Concen: 19.365 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.1	63.1
148	63.7	32.1	96.3

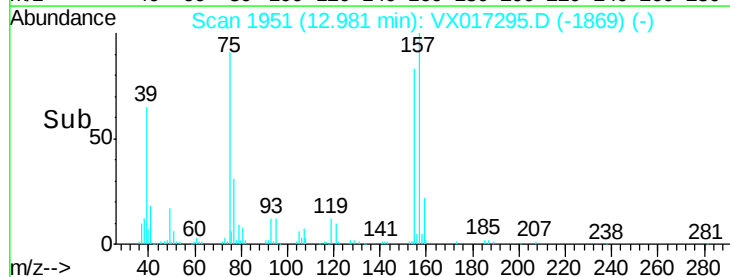
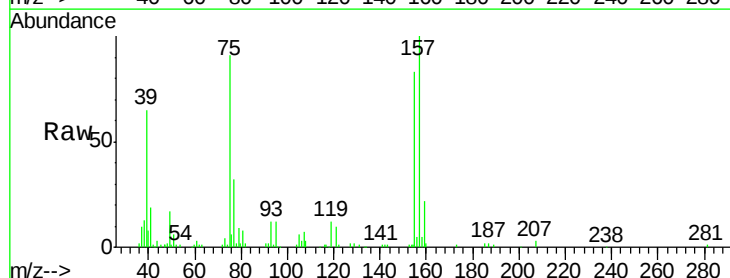
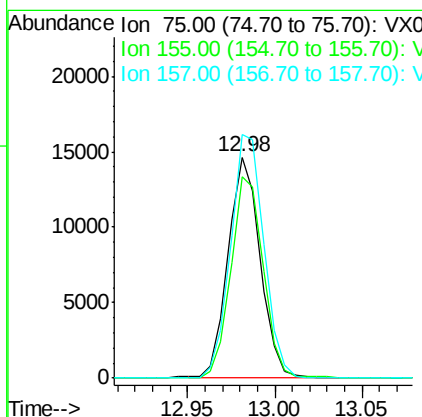
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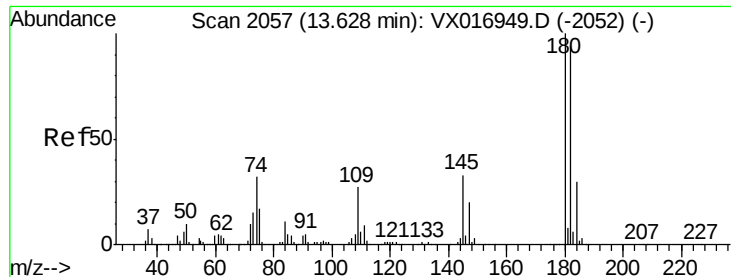
MMDadoda
 7/9/2020 11:00:10 AM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.498 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.0	65.0	97.6
157	113.6	83.0	124.4





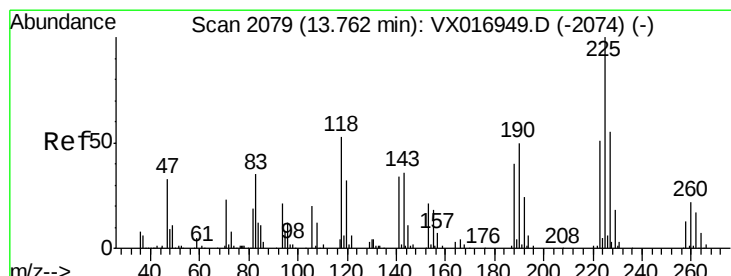
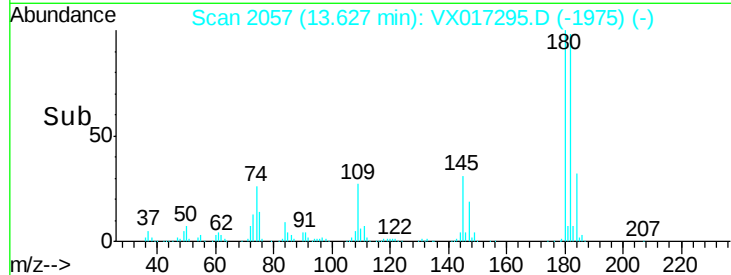
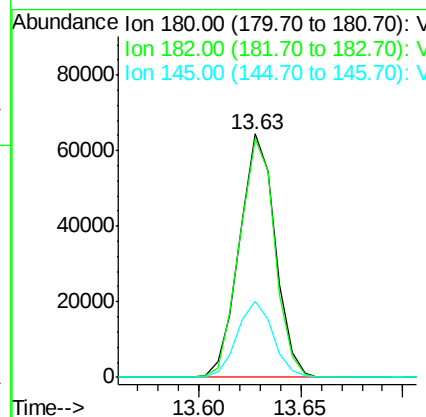
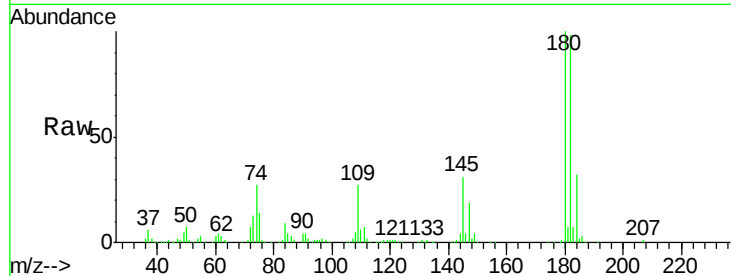
#89
 1,2,4-Trichlorobenzene
 Concen: 18.893 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:	180	Resp:	78335
Ion Ratio	Lower	Upper	
180	100		
182	97.1	77.7	116.5
145	31.3	26.2	39.2

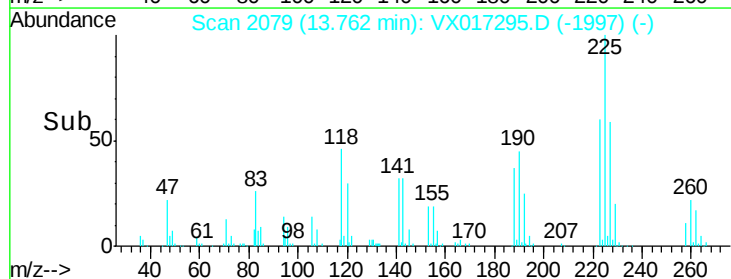
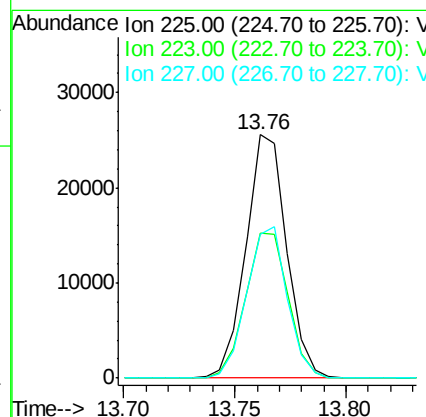
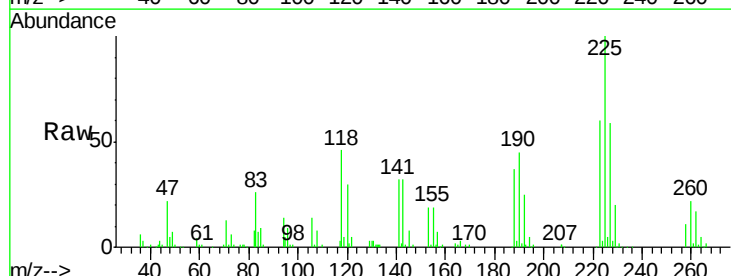
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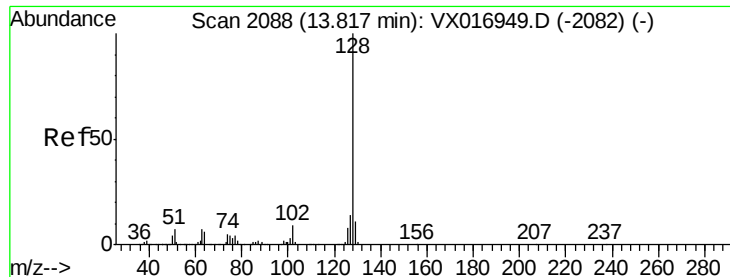
MMDadoda
 7/9/2020 11:00:10 AM



#90
 Hexachlorobutadiene
 Concen: 20.725 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX017295.D
 Acq: 09 Jul 2020 06:36

Tgt Ion:	225	Resp:	32688
Ion Ratio	Lower	Upper	
225	100		
223	62.3	0.0	125.0
227	61.7	0.0	124.0





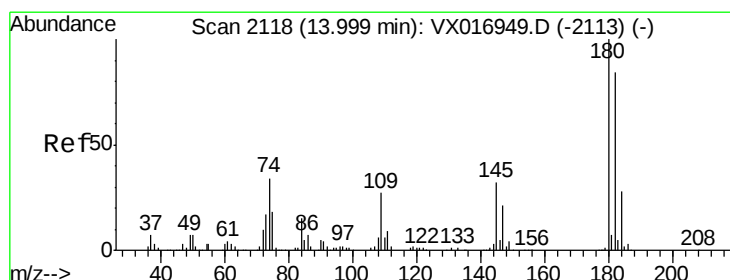
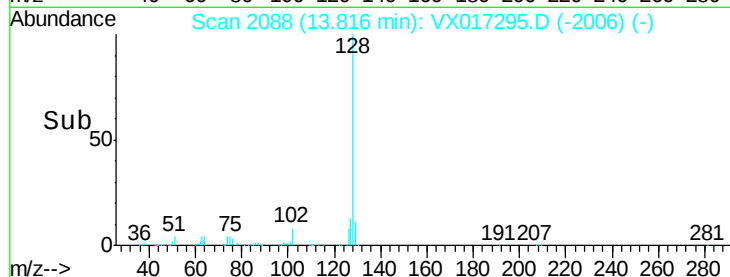
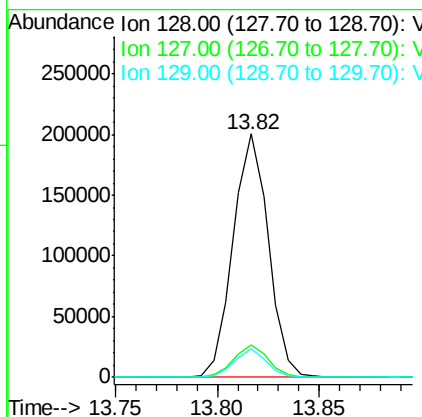
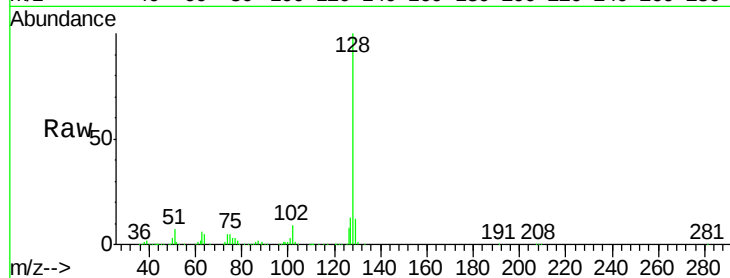
#91
Naphthalene
Concen: 17.661 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.9	9.0	13.4

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 19.616 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017295.D
Acq: 09 Jul 2020 06:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	0.0	184.8
145	32.7	0.0	68.0

