

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017301.D
 Acq On : 09 Jul 2020 11:37
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:36:37 PM

Quant Time: Jul 09 12:11:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 11:39:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	53864	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	280193	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	270377	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	113564	27.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	91.77%
60) 4-Bromofluorobenzene	11.12	95	142608	31.36	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	104.53%
63) Toluene-d8	8.70	98	335842	28.26	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	94.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	235546	89.998	ug/l 97
3) Chloromethane	1.31	50	253921	76.444	ug/l 96
4) Vinyl Chloride	1.39	62	264639	77.986	ug/l 100
5) Bromomethane	1.62	94	148657	61.454	ug/l 99
6) Chloroethane	1.70	64	168663	76.390	ug/l 99
7) Trichlorofluoromethane	1.91	101	462929	81.714	ug/l 96
8) Diethyl Ether	2.17	74	157326	77.180	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	256455	85.137	ug/l 99
10) 1,1-Dichloroethene	2.35	96	249103	84.611	ug/l 95
11) Methyl Iodide	2.49	142	341895	87.764	ug/l 97
12) Methyl Acetate	2.75	43	344017	90.660	ug/l 96
13) Acrolein	2.28	56	230640	392.872	ug/l 97
14) Acrylonitrile	3.12	53	768608	433.517	ug/l 100
15) Acetone	2.42	58	196559	431.926	ug/l 97
16) Carbon Disulfide	2.55	76	697853	76.242	ug/l 97
17) Allyl chloride	2.71	41	458383	83.851	ug/l 96
18) Methylene Chloride	2.84	84	290335	81.351	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	289499	85.425	ug/l 95
20) Diisopropyl ether	3.82	45	911025	82.281	ug/l 99
21) 1,1-Dichloroethane	3.67	63	507908	83.287	ug/l 97
22) cis-1,2-Dichloroethene	4.56	96	327611	87.283	ug/l 98
23) tert-Butyl Alcohol	3.02	59	330088	426.141	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	939980	88.436	ug/l 100
25) Chloroform	5.18	83	543770	87.151	ug/l 92
26) Cyclohexane	5.55	56	423246	80.547	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	399181	90.256	ug/l 98
30) 2-Butanone	4.64	43	1057749	458.106	ug/l 100
31) 2,2-Dichloropropane	4.56	77	478018	93.363	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	505899	93.500	ug/l 98
33) Carbon Tetrachloride	5.75	117	470999	97.506	ug/l 98
34) Benzene	6.11	78	1144274	89.000	ug/l 98
35) Methacrylonitrile	5.01	41	234651	92.147	ug/l 97
36) 1,2-Dichloroethane	6.16	62	447775	90.381	ug/l 99
37) Trichloroethene	7.19	130	344106	96.511	ug/l 99
38) Methylcyclohexane	7.44	83	444287	88.889	ug/l 98
39) 1,2-Dichloropropane	7.49	63	301200	89.739	ug/l 95
40) Dibromomethane	7.64	93	213551	91.976	ug/l 99

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Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	447525	93.036	ug/l	98
42) Vinyl Acetate	3.79	43	4064806	440.441	ug/l	100
43) Ethyl Acetate	4.80	43	418199	87.941	ug/l	100
44) Isopropyl Acetate	6.42	43	697919	89.128	ug/l	98
45) 1,4-Dioxane	7.71	88	136744	1770.571	ug/l	97
46) Methyl methacrylate	7.74	41	348735	95.533	ug/l	99
47) n-amyl Acetate	10.88	43	661326	95.627	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	511593	95.984	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	531933	95.131	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	314345	95.690	ug/l	98
51) Ethyl methacrylate	9.16	69	488662	98.463	ug/l	96
52) 1,3-Dichloropropane	9.35	76	521605	94.024	ug/l	99
53) Dibromochloromethane	9.57	129	393247	103.176	ug/l	97
54) 1,2-Dibromoethane	9.65	107	346812	99.529	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	1258180	481.242	ug/l	99
56) Bromoform	10.84	173	315629	114.842	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	2168013	448.723	ug/l	99
59) 2-Hexanone	9.48	43	1682002	465.495	ug/l	98
61) Tetrachloroethene	9.32	164	331488	95.767	ug/l	99
62) Toluene	8.77	91	1278422	89.006	ug/l	100
64) Chlorobenzene	10.12	112	851375	93.649	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	349094	101.119	ug/l	99
66) Ethyl Benzene	10.24	91	1483995	93.109	ug/l	100
67) m/p-Xylenes	10.34	106	1141580	188.359	ug/l	98
68) o-Xylene	10.68	106	555757	96.411	ug/l	96
69) Styrene	10.69	104	994723	99.586	ug/l	98
70) Isopropylbenzene	11.00	105	1515912	95.933	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	458595	94.163	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	433132m	92.520	ug/l	
73) Bromobenzene	11.24	156	415545	102.749	ug/l	99
74) n-propylbenzene	11.35	91	1766196	94.738	ug/l	100
75) 2-Chlorotoluene	11.40	91	1057532	96.105	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	1319649	99.128	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	179658	95.382	ug/l	91
78) 4-Chlorotoluene	11.49	91	1245073	95.749	ug/l	99
79) tert-butylbenzene	11.76	119	1301347	102.224	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	1324074	99.135	ug/l	99
81) sec-Butylbenzene	11.93	105	1502591	98.047	ug/l	100
82) p-Isopropyltoluene	12.05	119	1418567	101.765	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	737024	101.438	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	739261	101.300	ug/l	99
85) n-Butylbenzene	12.37	91	1192658	93.781	ug/l	99
86) Hexachloroethane	12.58	117	268556	99.045	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	705477	103.486	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	113313	101.617	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	511007	110.862	ug/l	97
90) Hexachlorobutadiene	13.76	225	186843	104.532	ug/l	97
91) Naphthalene	13.82	128	1576076	106.156	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	486705	107.592	ug/l	97

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

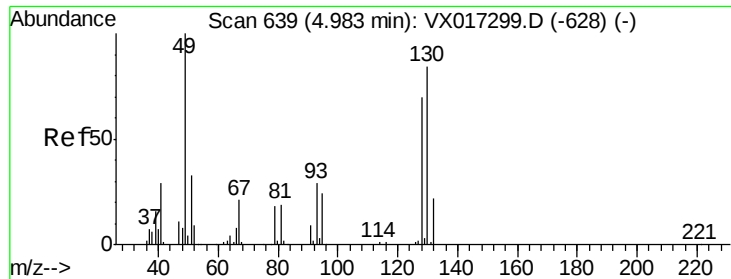
Manual Integrations
APPROVED

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7/10/2020 12:36:37 PM

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QLast Update : Thu Jul 09 11:39:05 2020
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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

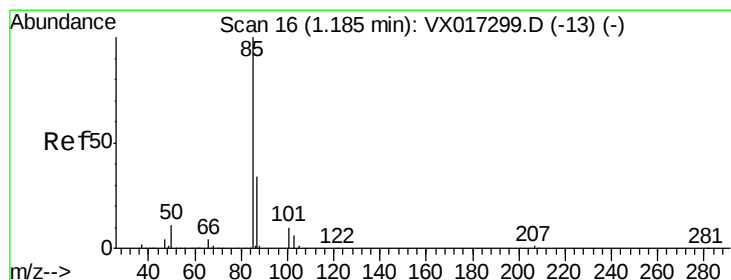
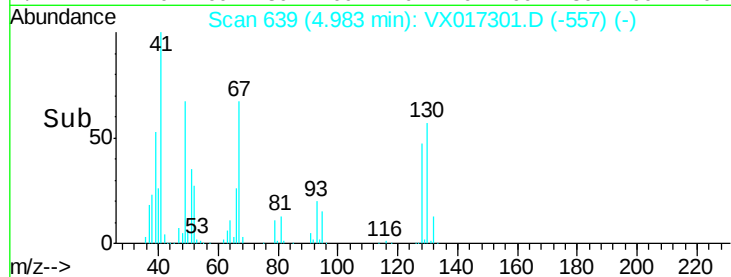
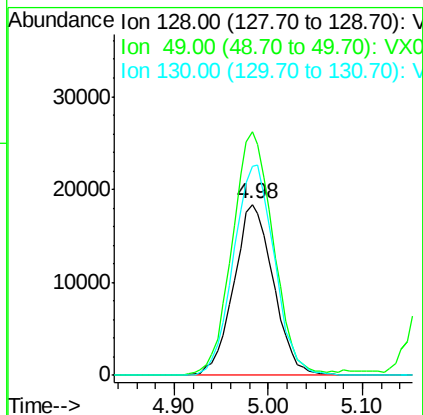
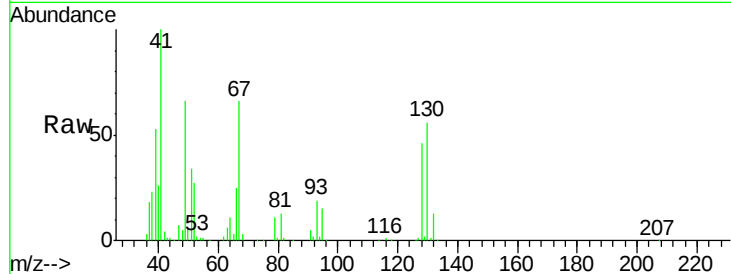
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
49	147.5	0.0	358.8
130	127.3	0.0	323.8

Manual Integrations
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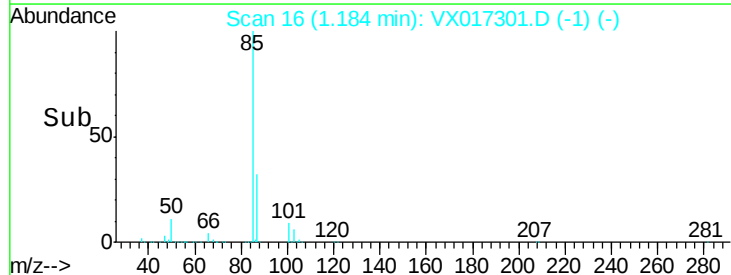
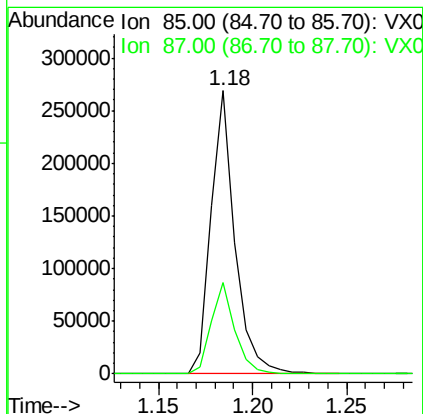
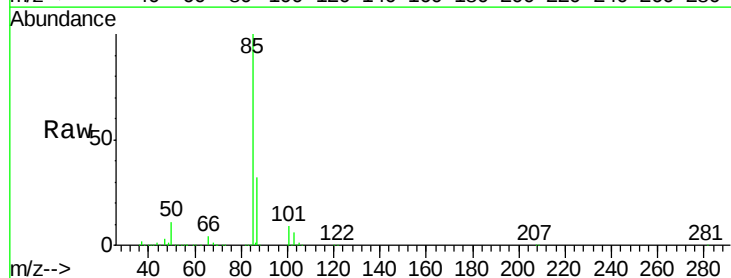
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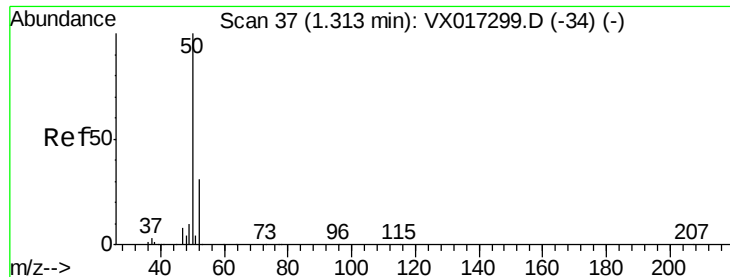


#2

Dichlorodifluoromethane
Concen: 89.998 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.9	50.6





#3

Chloromethane

Concen: 76.444 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 253921

Ion Ratio Lower Upper

50 100

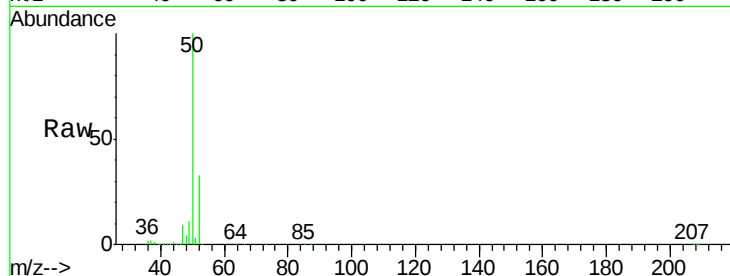
52 33.2 24.8 37.2

Manual Integrations

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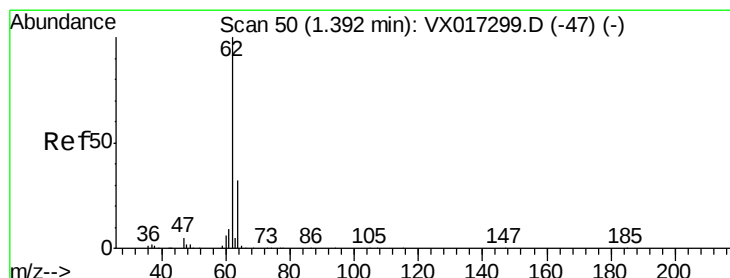
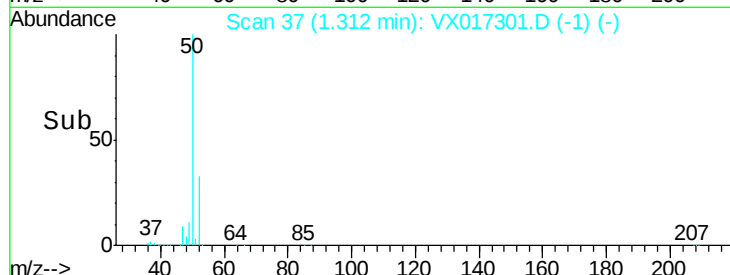
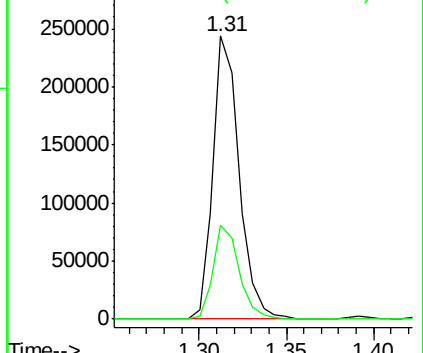
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 77.986 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017301.D

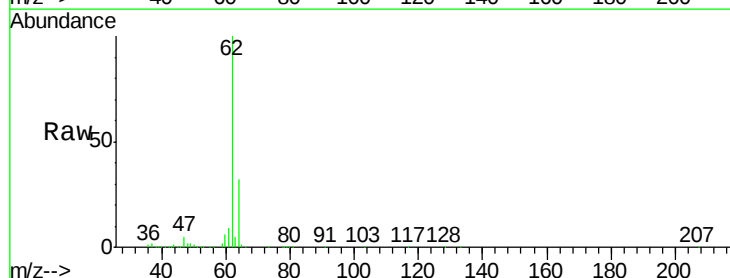
Acq: 09 Jul 2020 11:37

Tgt Ion: 62 Resp: 264639

Ion Ratio Lower Upper

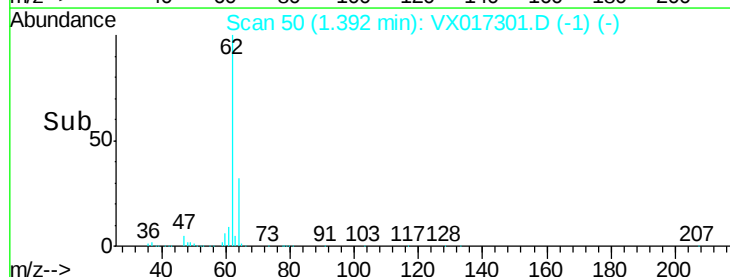
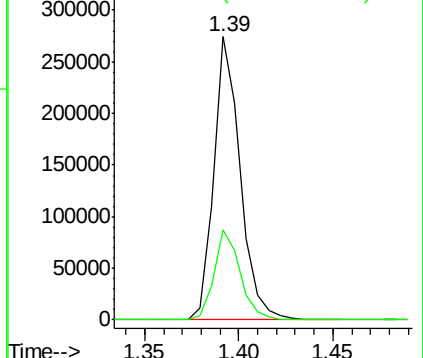
62 100

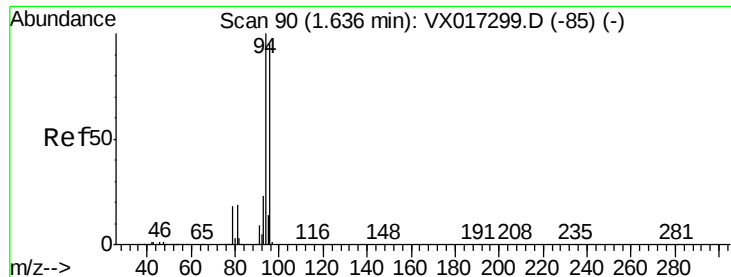
64 31.8 25.3 37.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 61.454 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 148657

Ion Ratio Lower Upper

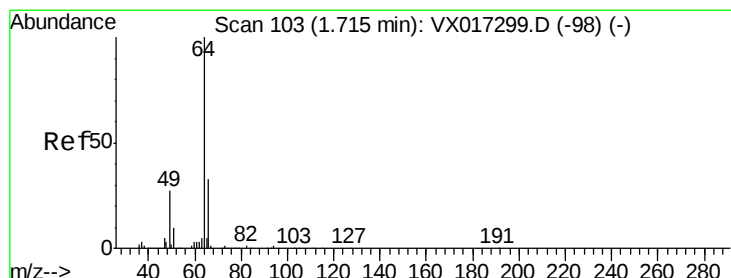
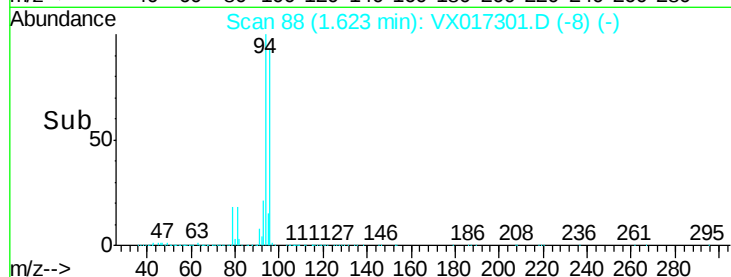
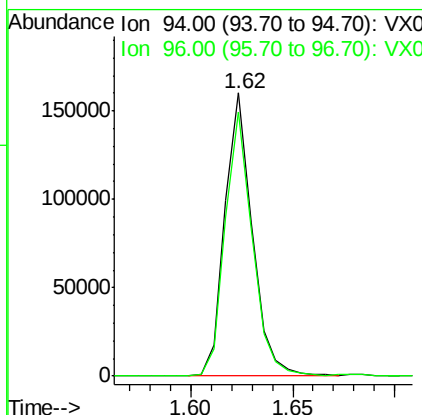
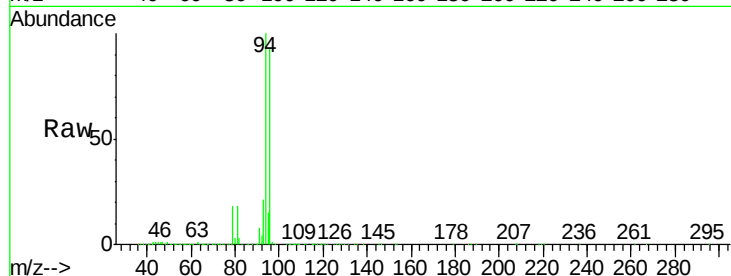
94 100

96 93.3 75.7 113.5

Manual Integrations
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#6

Chloroethane

Concen: 76.390 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017301.D

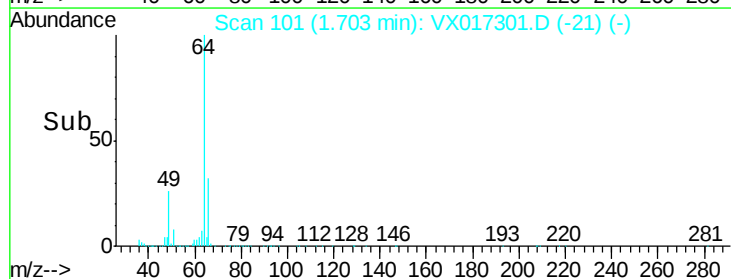
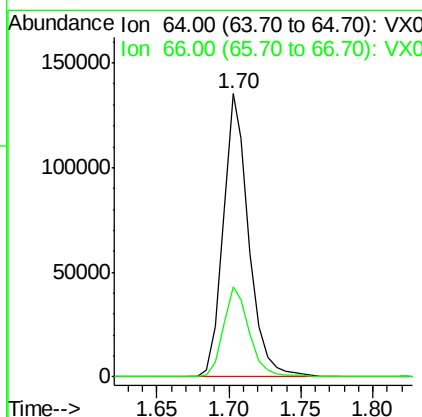
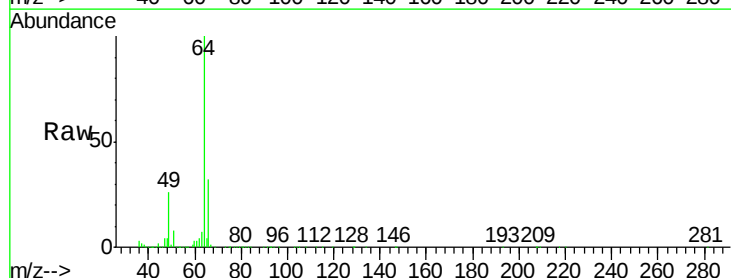
Acq: 09 Jul 2020 11:37

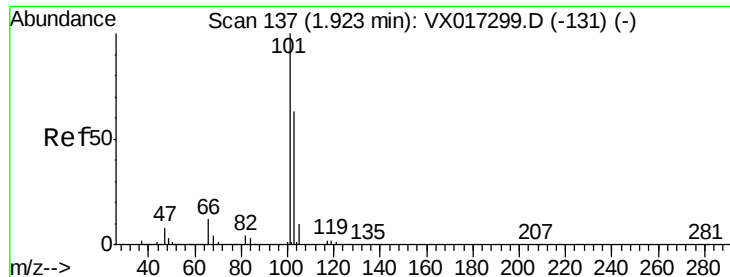
Tgt Ion: 64 Resp: 168663

Ion Ratio Lower Upper

64 100

66 31.9 26.1 39.1





#7

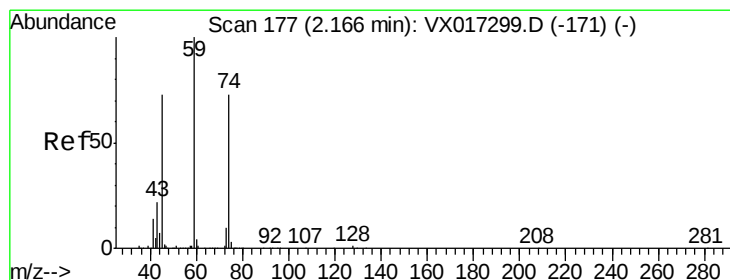
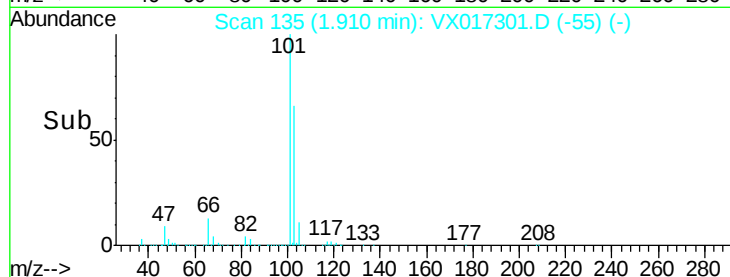
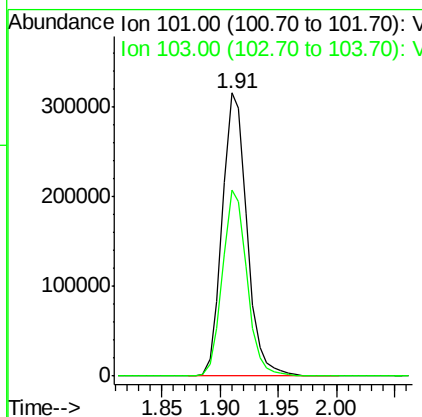
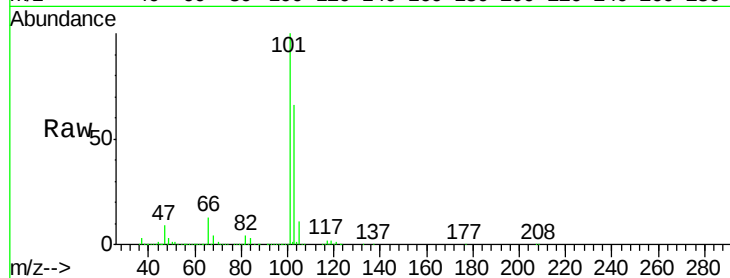
Trichlorofluoromethane
Concen: 81.714 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		462929		
103	65.5	50.1	75.1		

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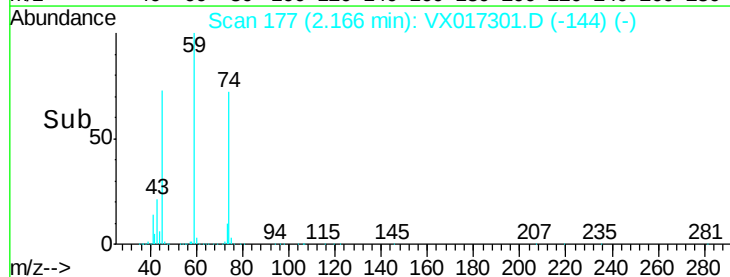
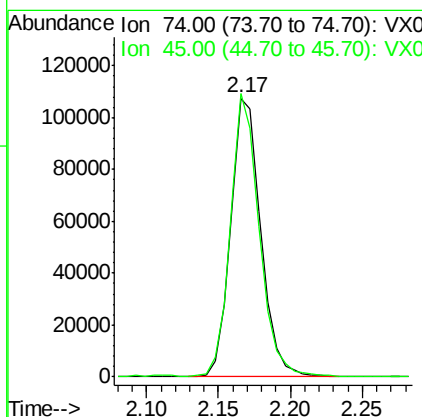
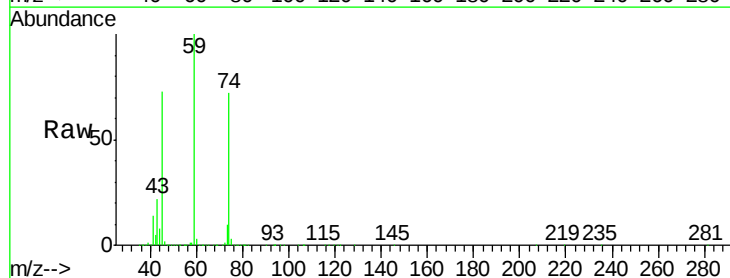
MMDadoda
7/10/2020 12:36:37 PM

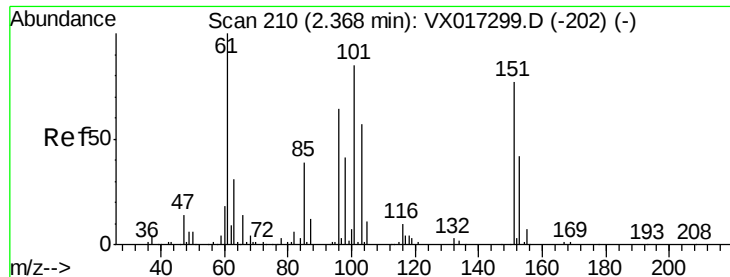


#8

Diethyl Ether
Concen: 77.180 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		157326		
45	96.9	18.9	170.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 85.137 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

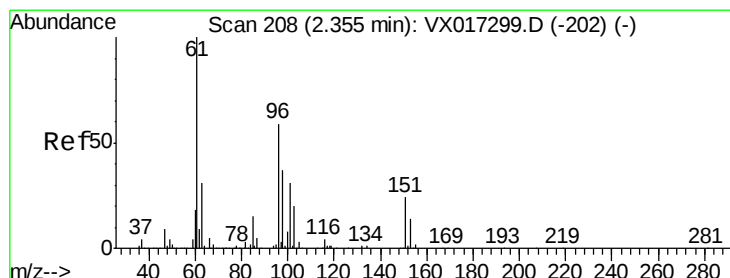
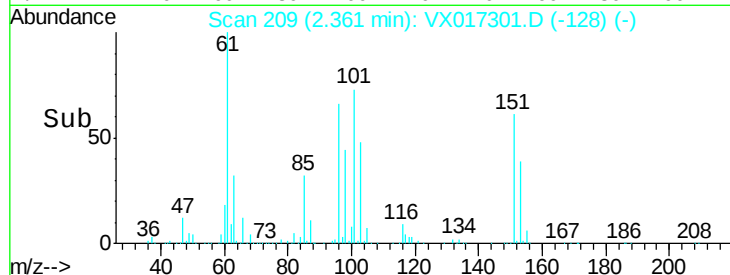
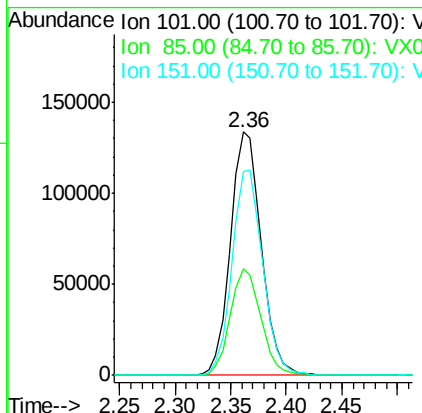
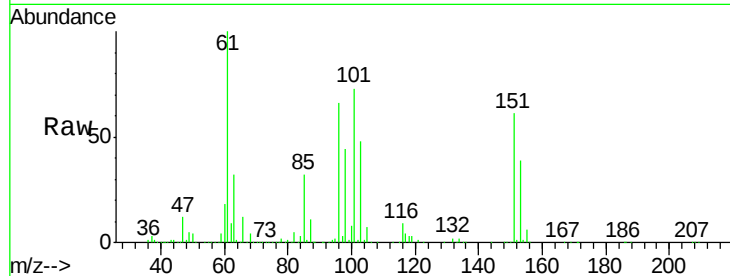
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	256455
Ion Ratio	Lower	Upper	
101	100		
85	43.8	0.0	87.8
151	84.4	0.0	170.2

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#10

1,1-Dichloroethene

Concen: 84.611 ug/l

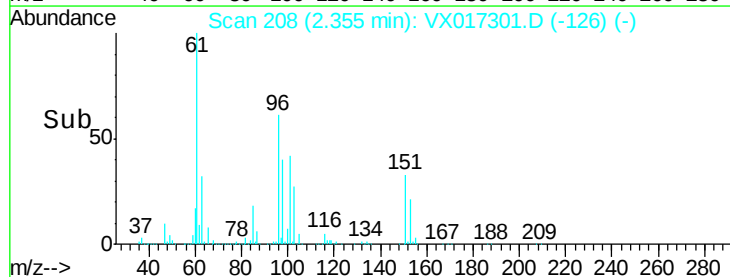
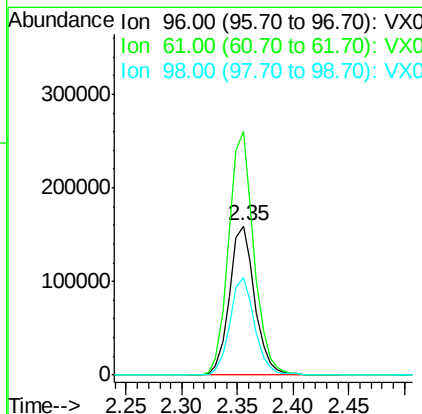
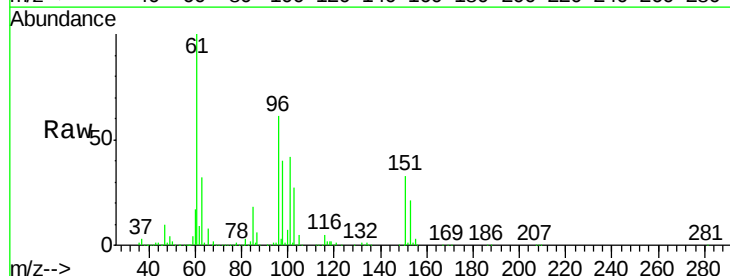
RT: 2.35 min Scan# 208

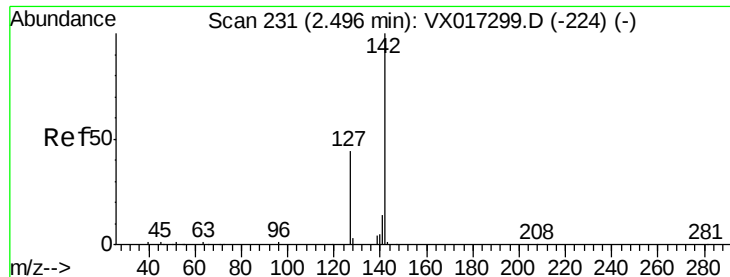
Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Tgt Ion:	96	Resp:	249103
Ion Ratio	Lower	Upper	
96	100		
61	163.1	137.0	205.4
98	65.1	51.1	76.7





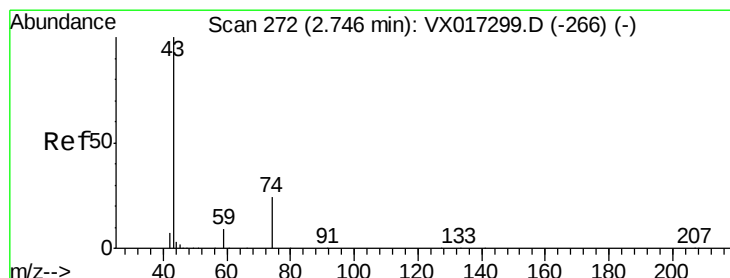
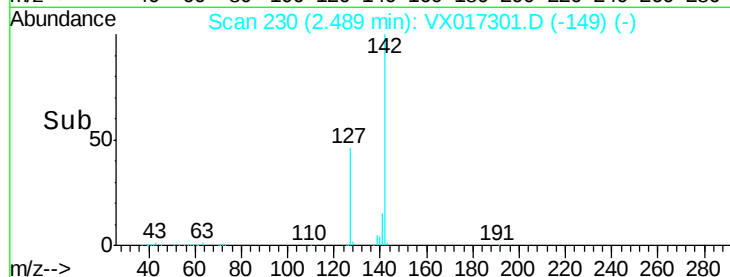
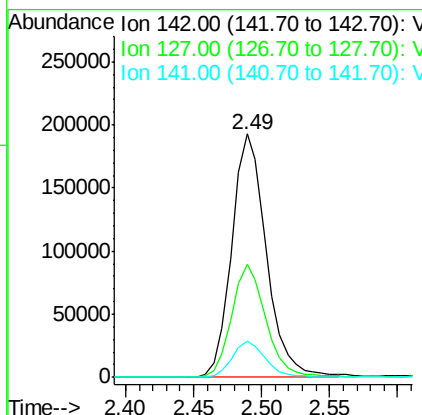
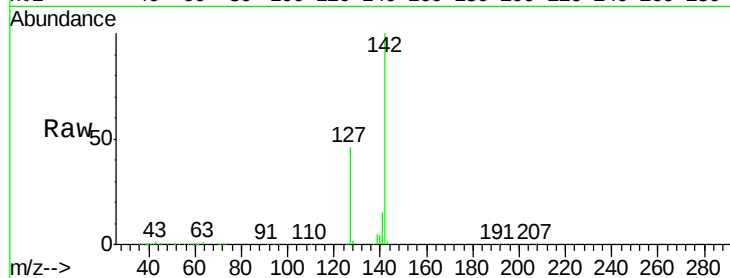
#11
Methyl Iodide
Concen: 87.764 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
142	100		
127	46.3	21.9	65.7
141	14.7	7.0	21.1

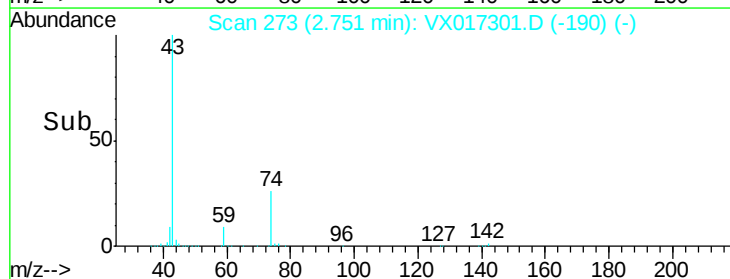
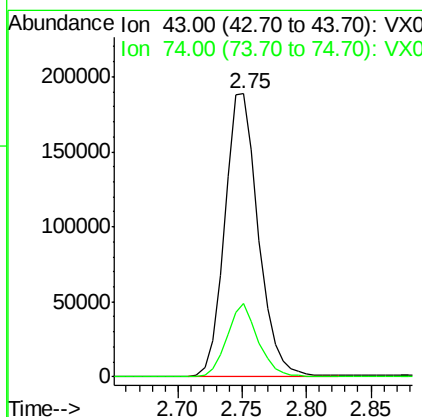
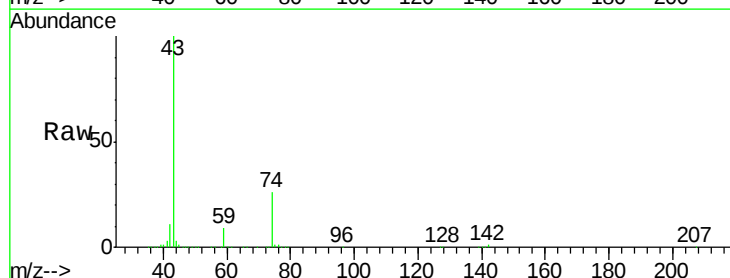
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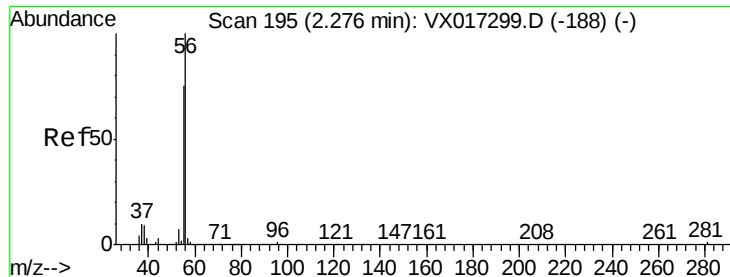
MMDadoda
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#12
Methyl Acetate
Concen: 90.660 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	18.8	28.2





#13

Acrolein

Concen: 392.872 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 230640

Ion Ratio Lower Upper

56 100

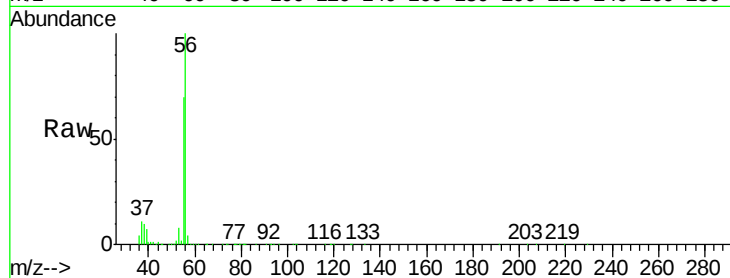
55 70.6 58.5 87.7

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

150000

100000

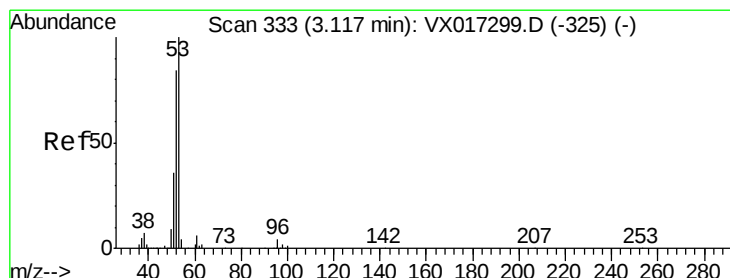
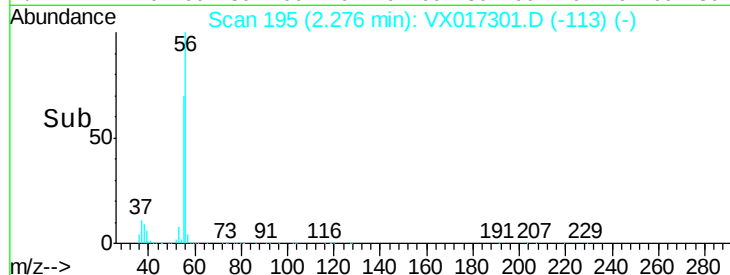
50000

0

2.28

2.25 2.30 2.35 2.40

Time-->



#14

Acrylonitrile

Concen: 433.517 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

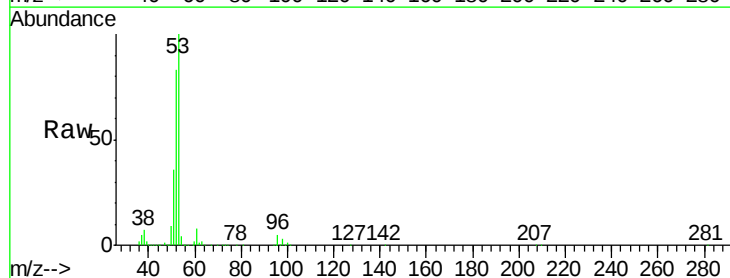
Tgt Ion: 53 Resp: 768608

Ion Ratio Lower Upper

53 100

52 82.8 41.3 123.9

51 36.1 18.1 54.1



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

500000

400000

300000

200000

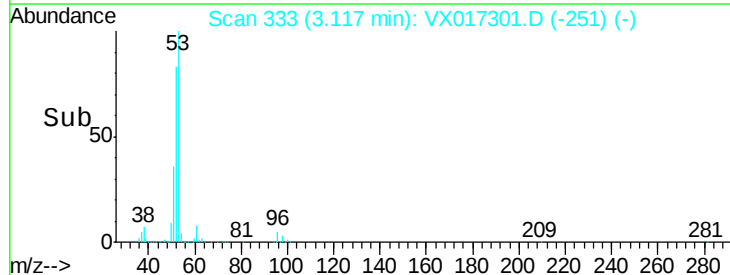
100000

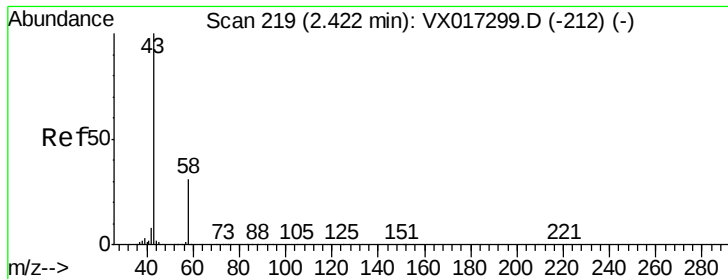
0

3.12

3.00 3.10 3.20 3.30

Time-->





#15

Acetone

Concen: 431.926 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 58 Resp: 196559

Ion Ratio Lower Upper

58 100

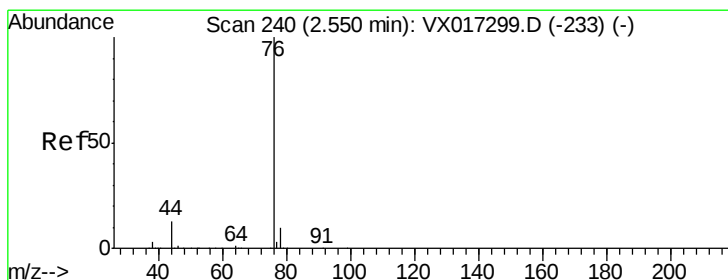
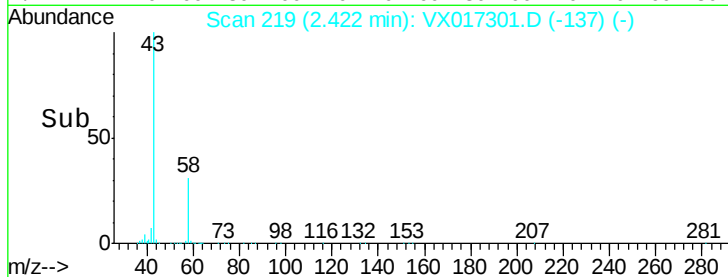
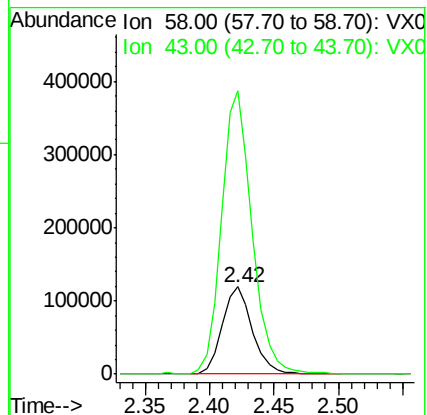
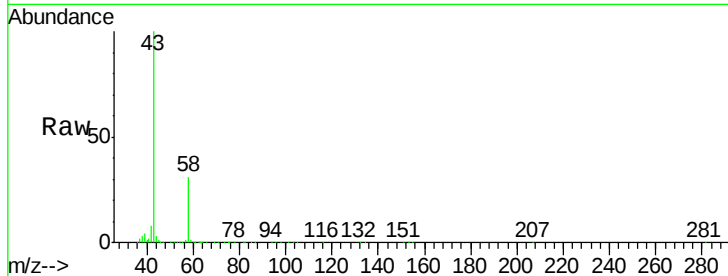
43 324.9 255.0 382.4

Manual Integrations

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#16

Carbon Disulfide

Concen: 76.242 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017301.D

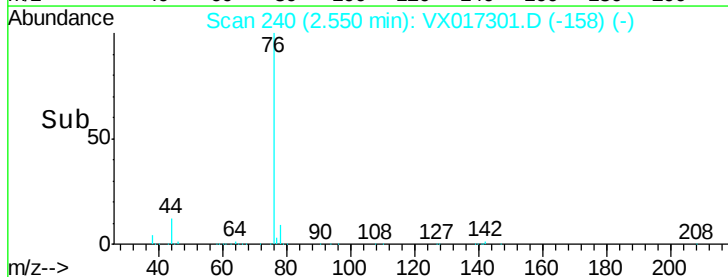
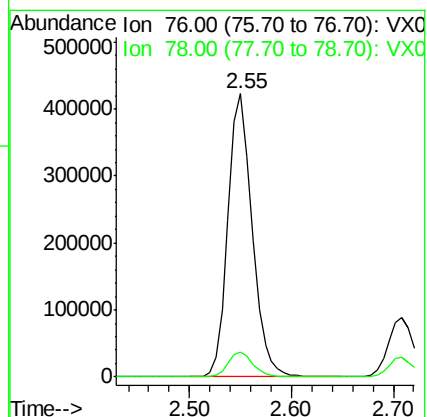
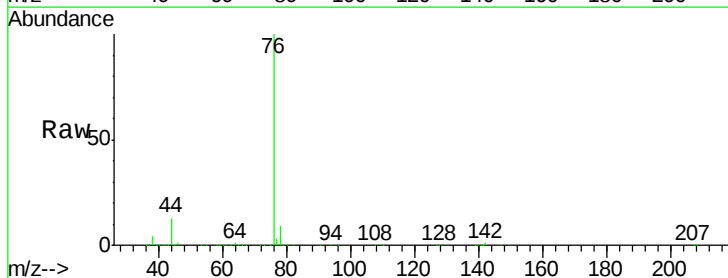
Acq: 09 Jul 2020 11:37

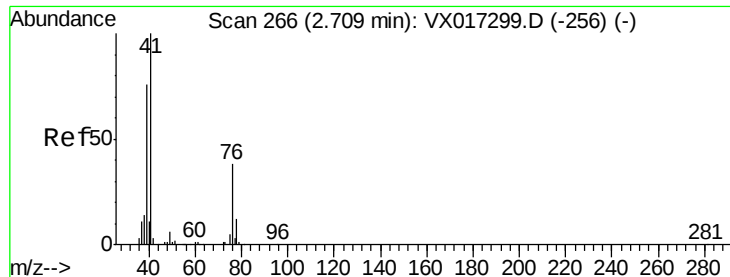
Tgt Ion: 76 Resp: 697853

Ion Ratio Lower Upper

76 100

78 8.8 7.9 11.9





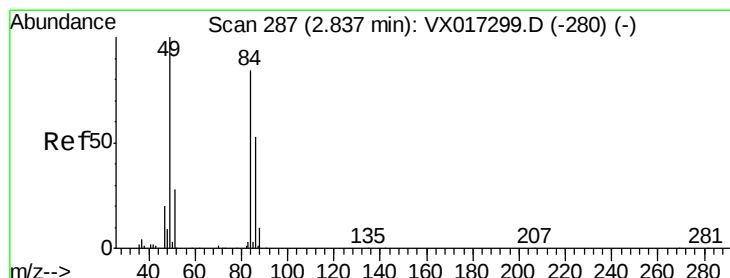
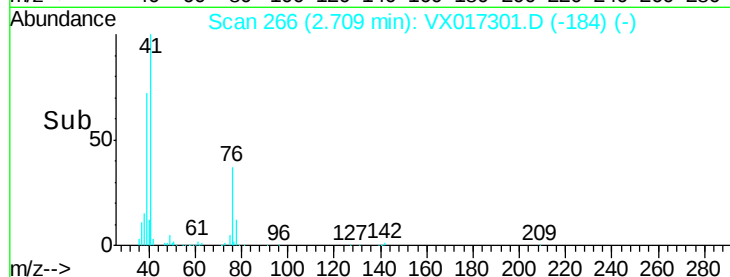
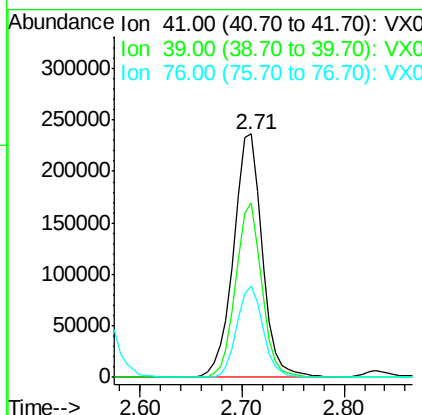
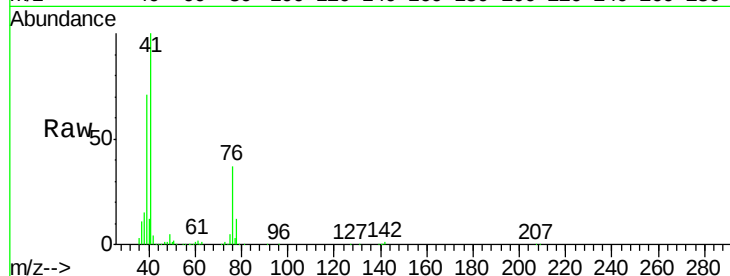
#17
Allvl chloride
Concen: 83.851 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	71.5	38.1	114.5
76	37.4	18.8	56.4

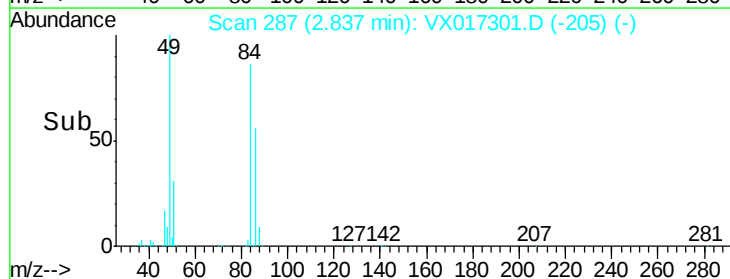
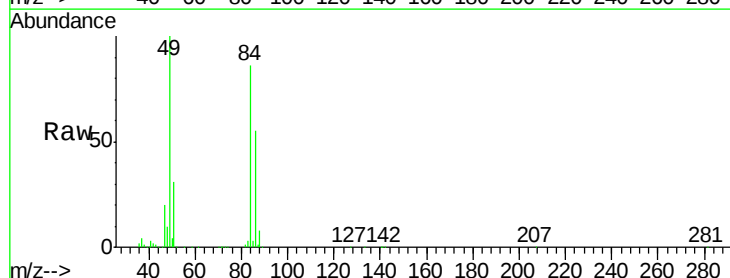
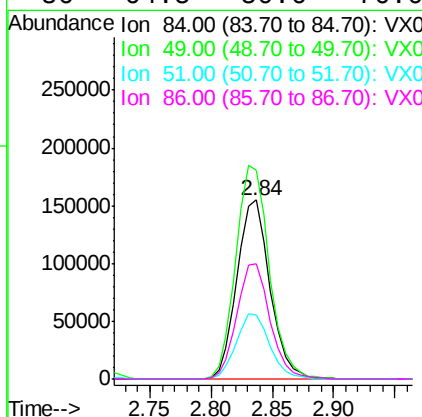
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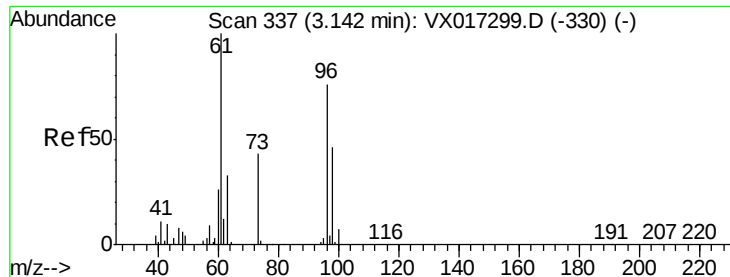
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#18
Methylene Chloride
Concen: 81.351 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.7	95.7	143.5
51	35.6	27.2	40.8
86	64.5	50.6	76.0





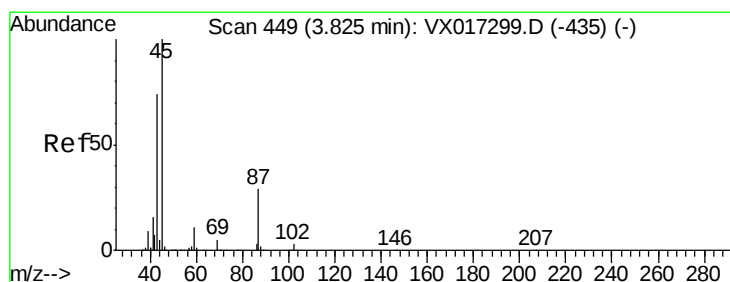
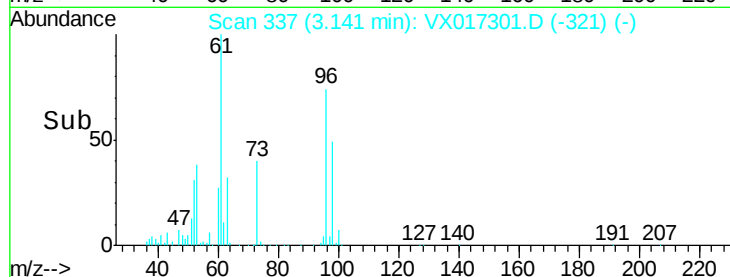
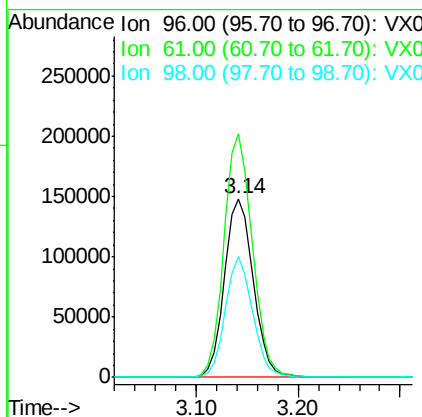
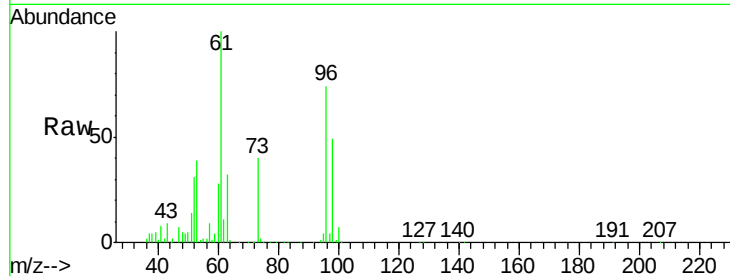
#19
trans-1,2-Dichloroethene
Concen: 85.425 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	135.9	105.0	157.6	
98	67.2	48.6	73.0	

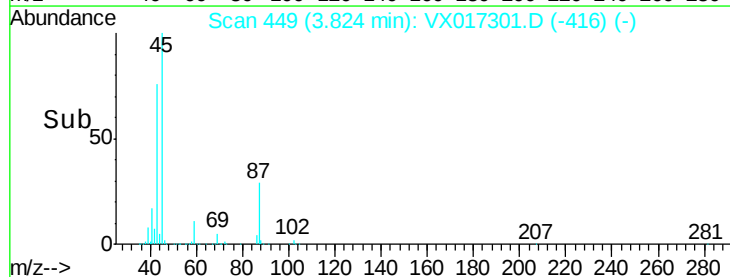
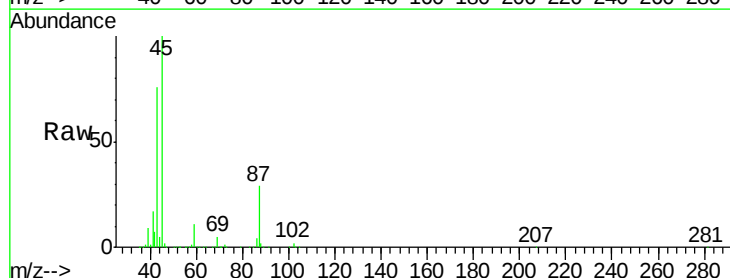
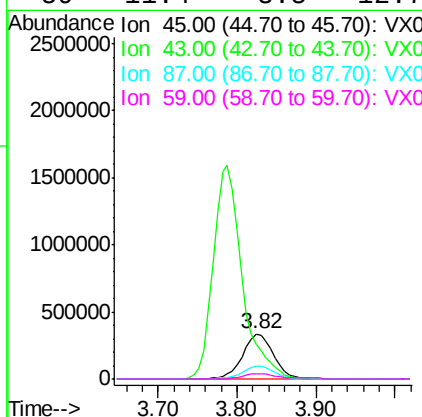
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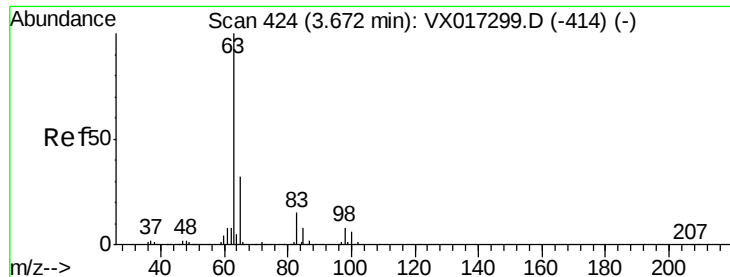
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#20
Diisopropyl ether
Concen: 82.281 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	75.9	59.5	89.3	
87	28.9	23.2	34.8	
59	11.4	8.5	12.7	





#21

1,1-Dichloroethane

Concen: 83.287 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

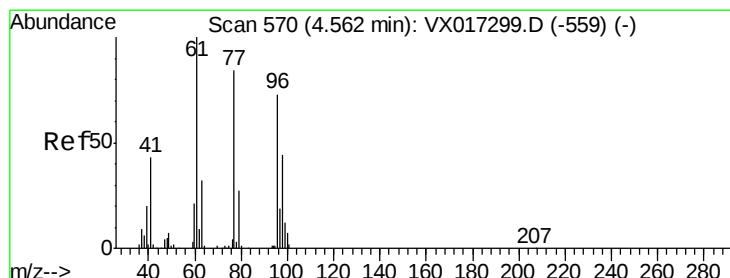
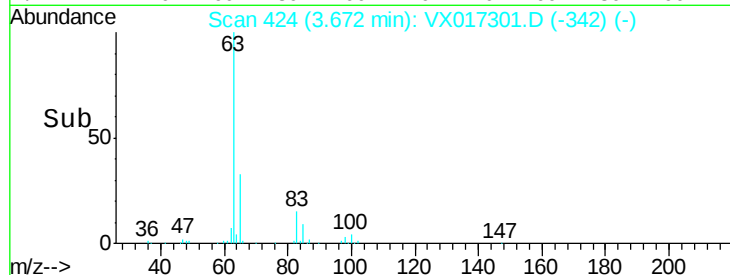
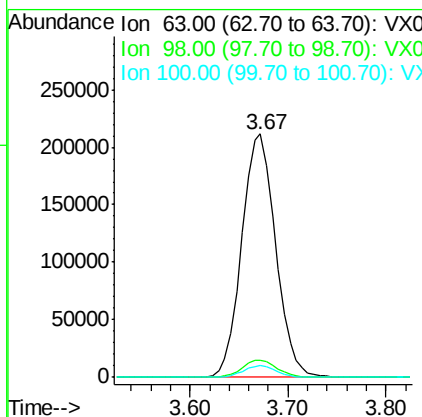
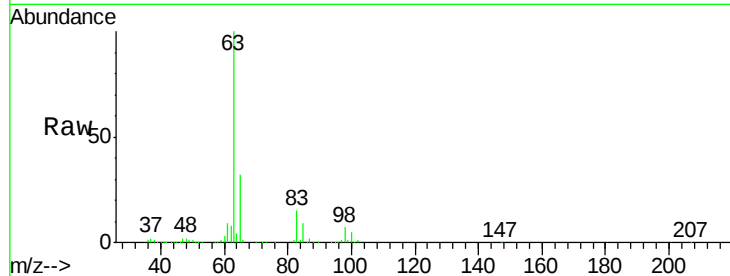
ClientSampleId :

VSTDIC100

Tot Ion:	63	Resp:	507908
Ion Ratio	Lower	Upper	
63	100		
98	7.0	4.2	12.4
100	5.0	2.8	8.3

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#22

cis-1,2-Dichloroethene

Concen: 87.283 ug/l

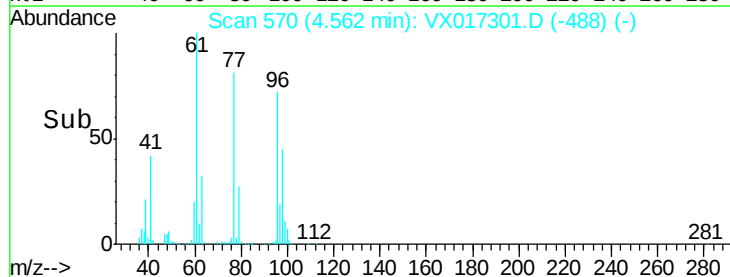
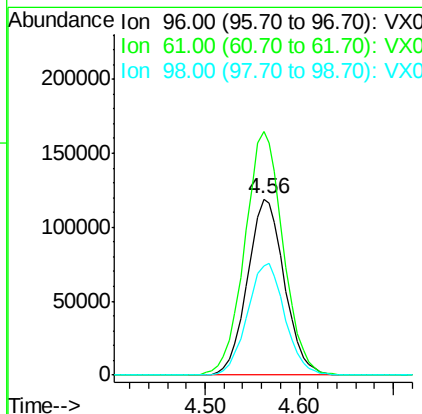
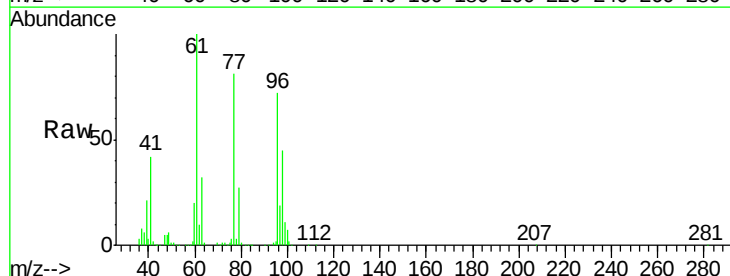
RT: 4.56 min Scan# 570

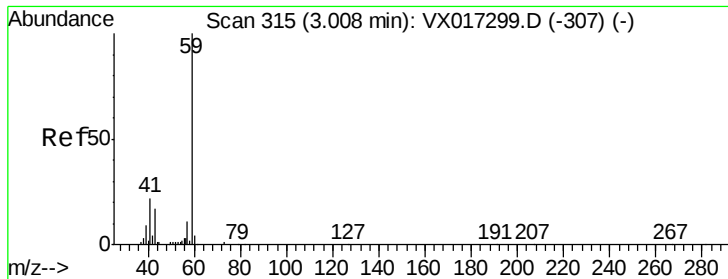
Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Tgt Ion:	96	Resp:	327611
Ion Ratio	Lower	Upper	
96	100		
61	142.5	111.7	167.5
98	64.4	50.9	76.3





#23

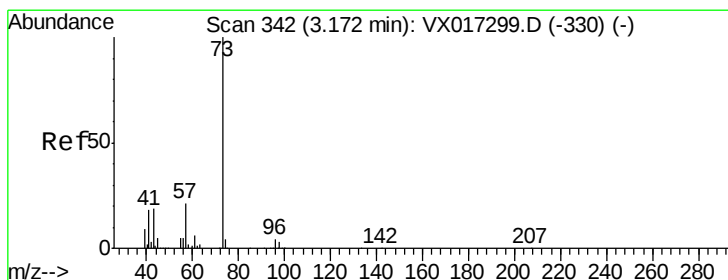
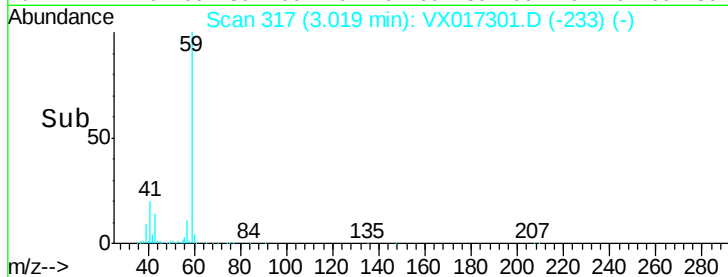
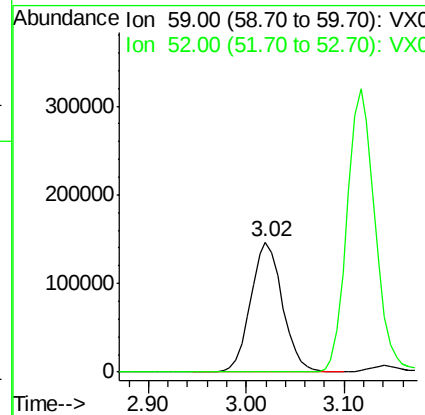
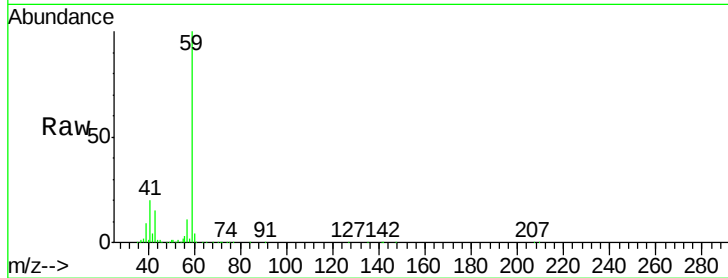
tert-Butyl Alcohol
Concen: 426.141 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

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

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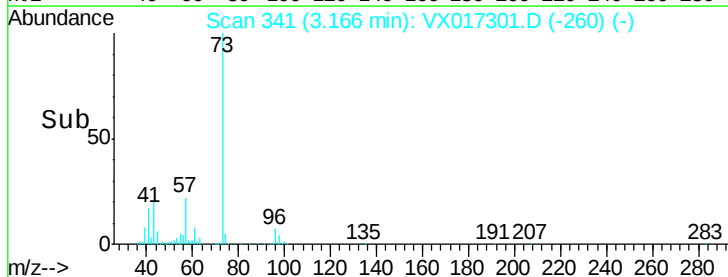
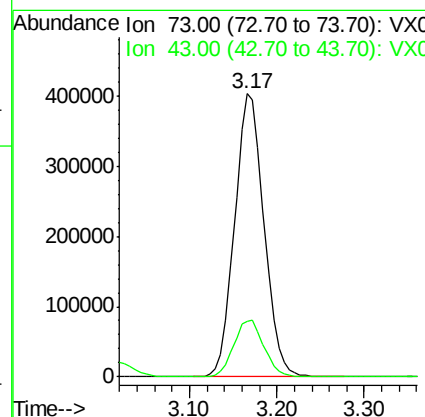
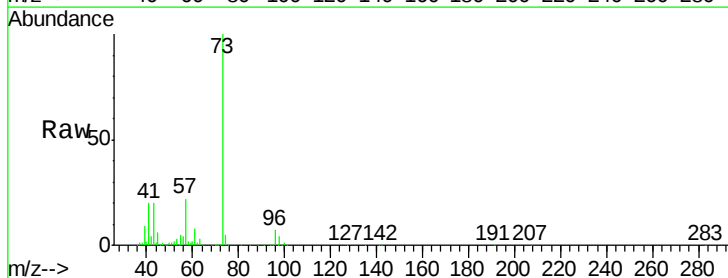
MMDadoda
7/10/2020 12:36:37 PM

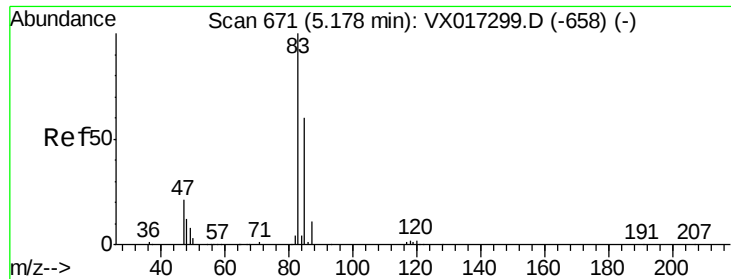


#24

Methyl tert-Butyl Ether
Concen: 88.436 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.2	16.3	24.5





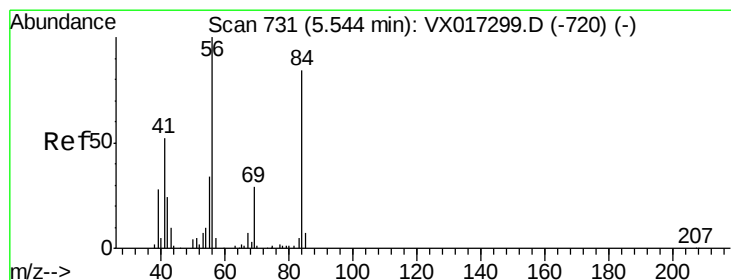
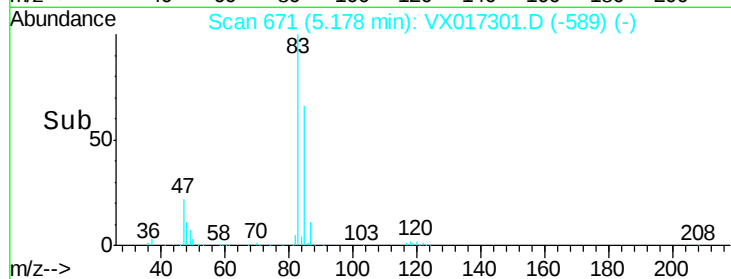
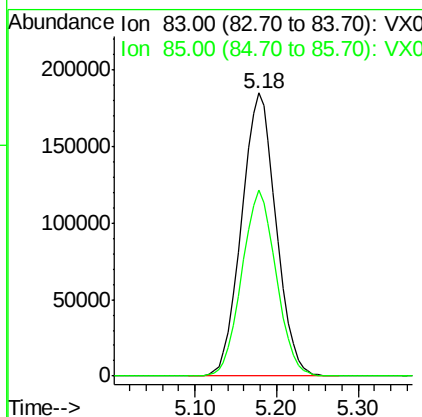
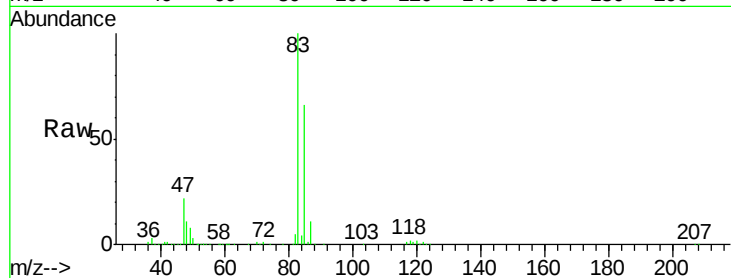
#25
Chloroform
Concen: 87.151 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	543770
Ion Ratio	100	Lower	Upper
85	65.7	47.8	71.8

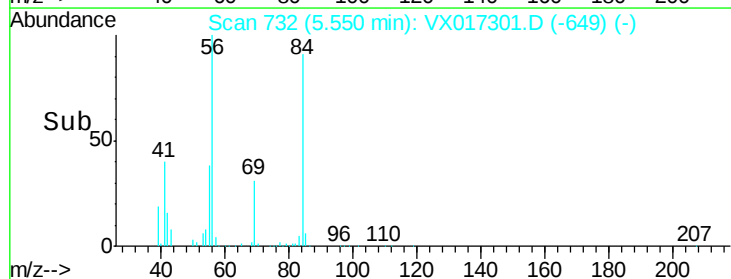
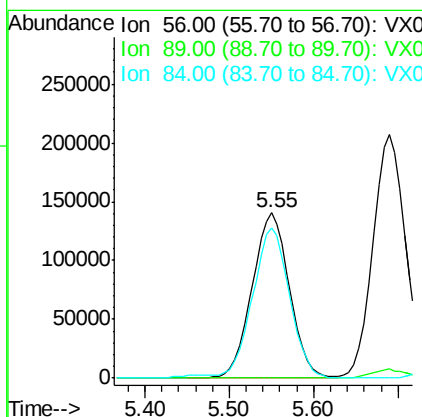
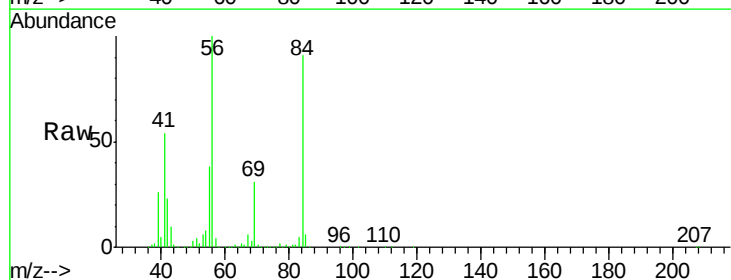
Manual Integrations
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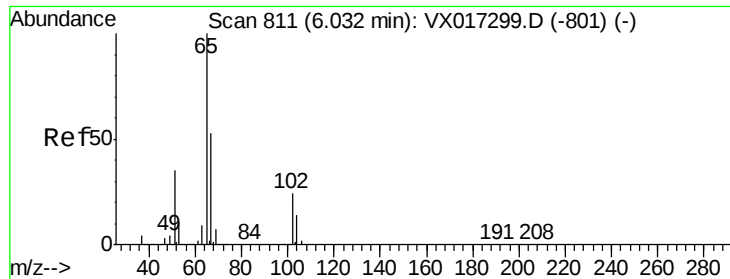
MMDadoda
7/10/2020 12:36:37 PM



#26
Cyclohexane
Concen: 80.547 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	56	Resp	423246
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	90.7	71.5	107.3





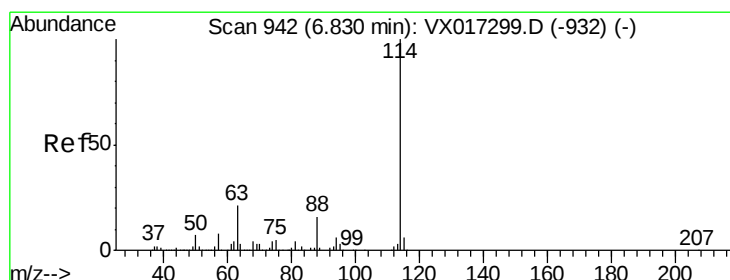
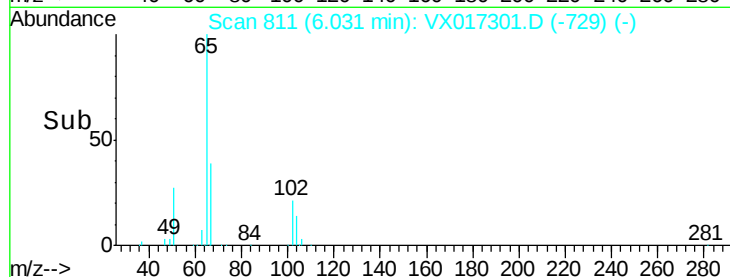
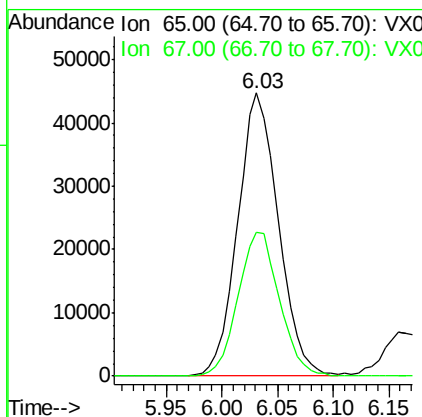
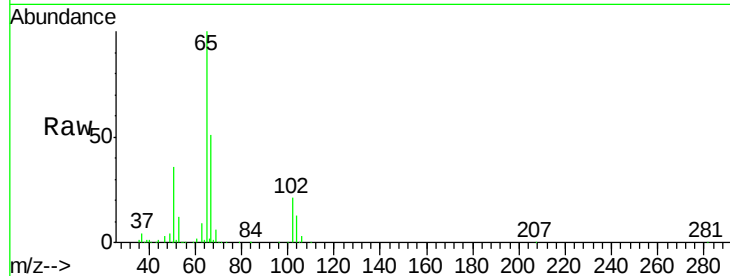
#27
 1,2-Dichloroethane-d4
 Concen: 27.529 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017301.D
 Acq: 09 Jul 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	41.0	61.6

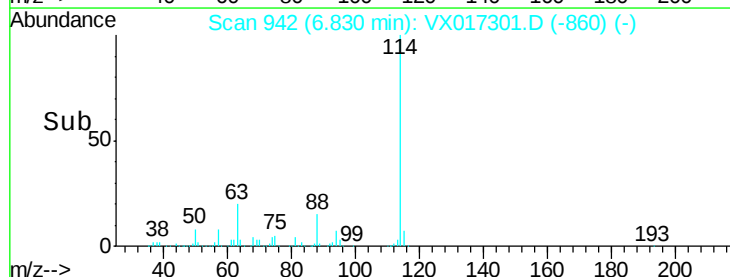
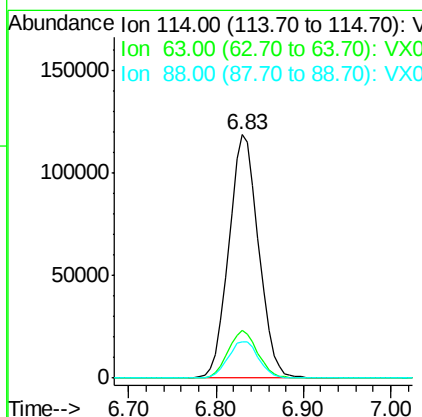
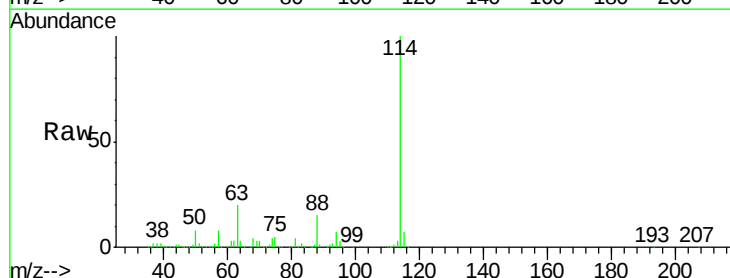
Manual Integrations
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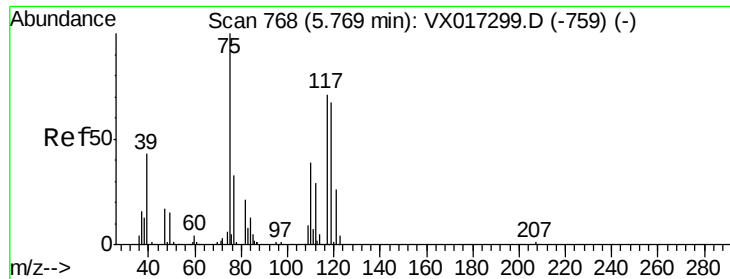
MMDadoda
 7/10/2020 12:36:37 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017301.D
 Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	15.9	23.9
88	15.7	12.4	18.6





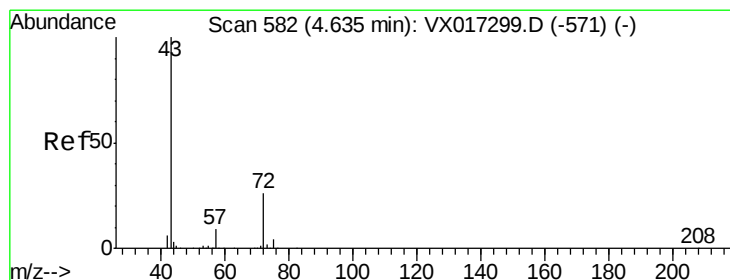
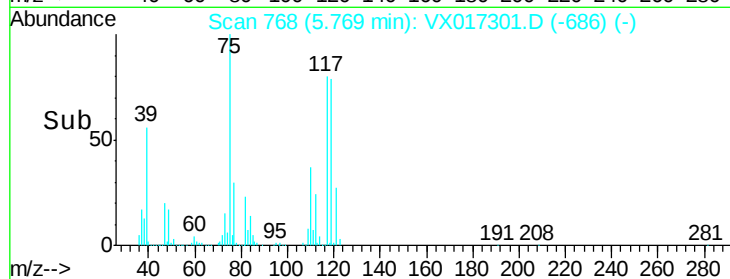
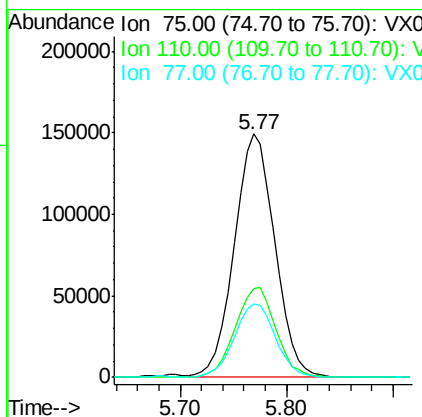
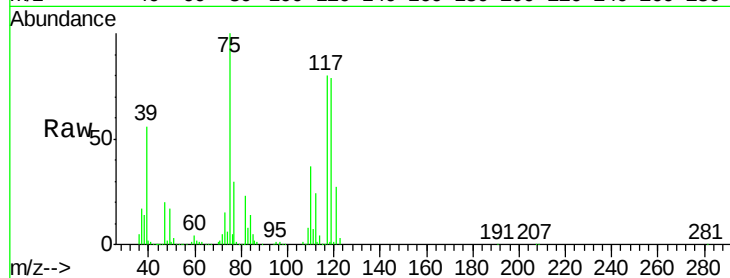
#29
 1,1-Dichloropropene
 Concen: 90.256 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017301.D
 Acq: 09 Jul 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
75	100	399181		
110	36.8	0.0	75.8	
77	30.8	0.0	63.4	

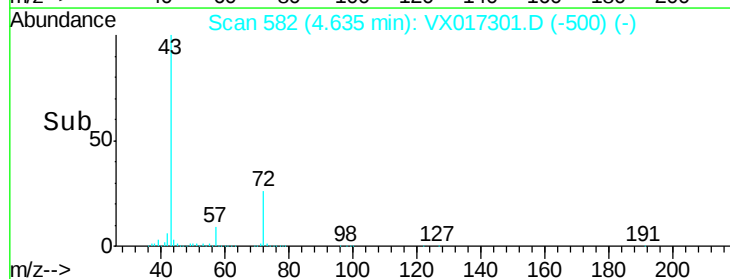
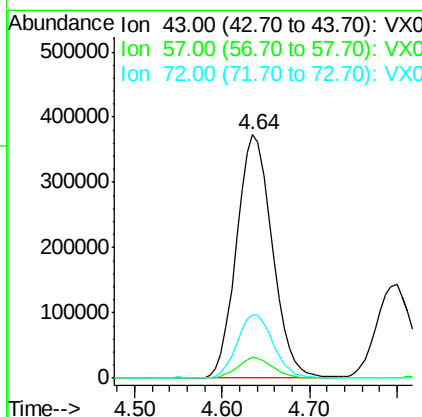
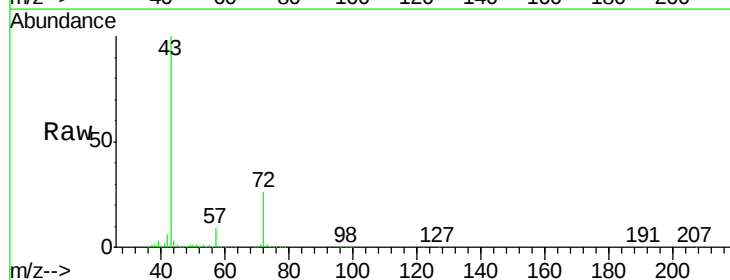
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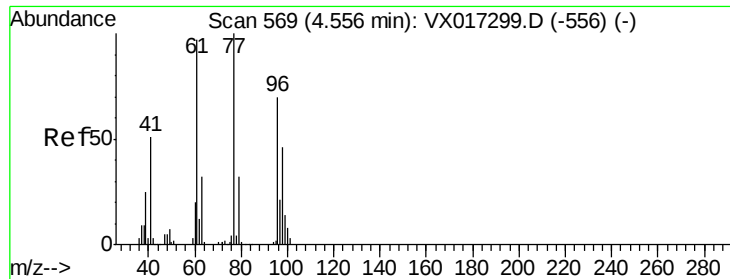
MMDadoda
 7/10/2020 12:36:37 PM



#30
 2-Butanone
 Concen: 458.106 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017301.D
 Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	1057749		
57	8.2	6.8	10.2	
72	26.3	21.0	31.6	





#31

2,2-Dichloropropane

Concen: 93.363 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 77 Resp: 478018

Ion Ratio Lower Upper

77 100

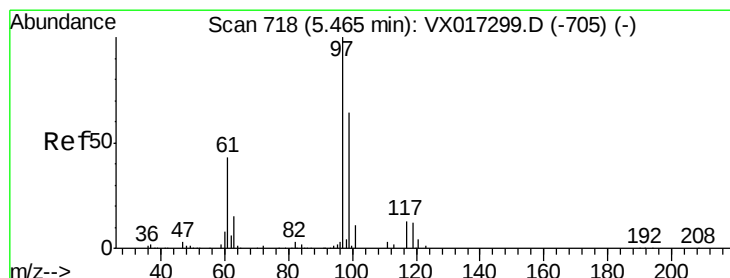
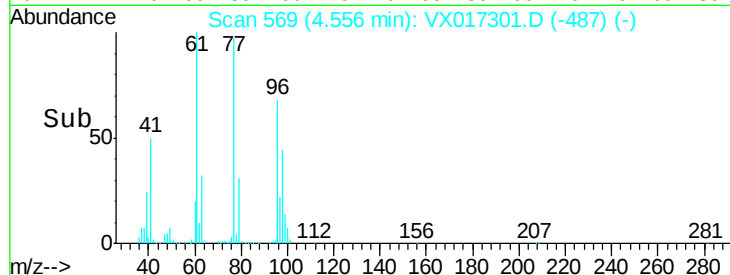
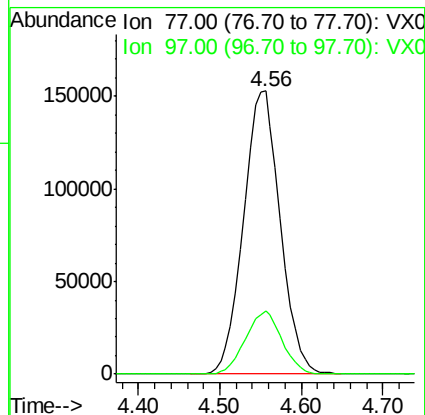
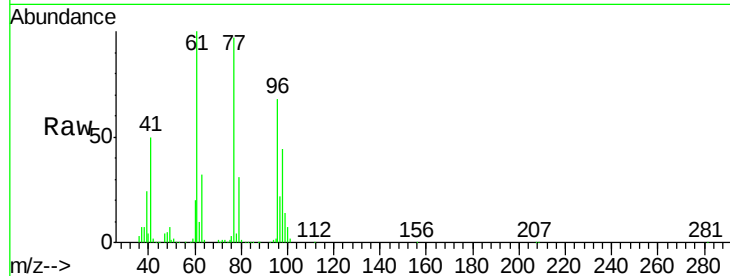
97 22.3 18.2 27.2

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 93.500 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

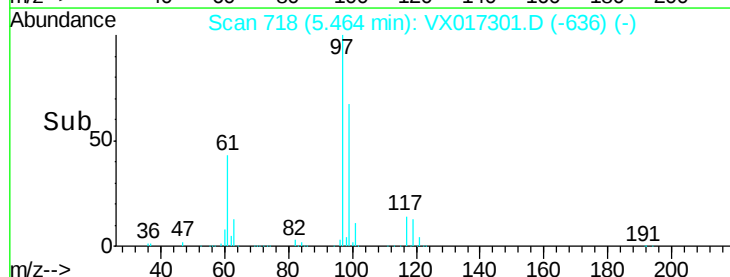
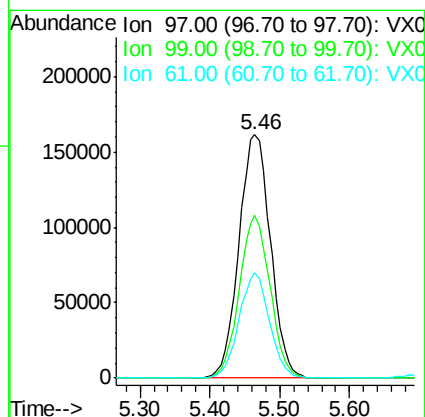
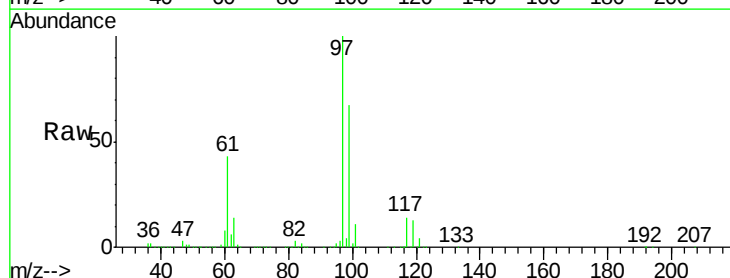
Tgt Ion: 97 Resp: 505899

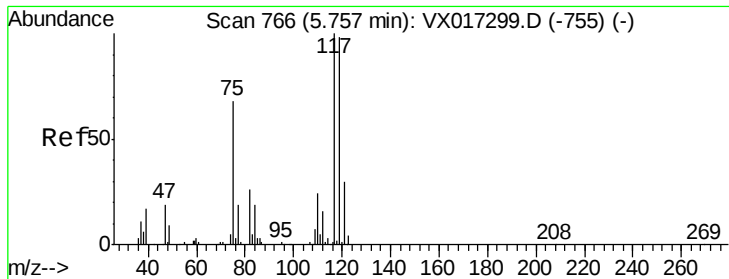
Ion Ratio Lower Upper

97 100

99 64.9 53.2 79.8

61 41.8 34.0 51.0





#33

Carbon Tetrachloride

Concen: 97.506 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

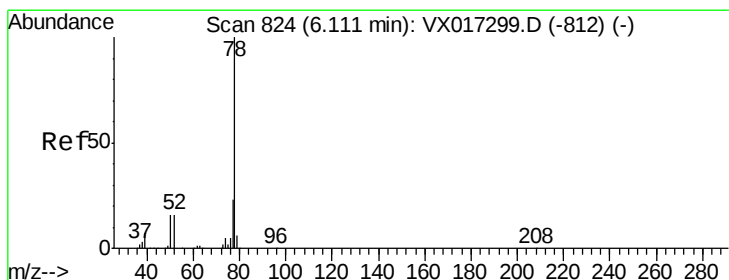
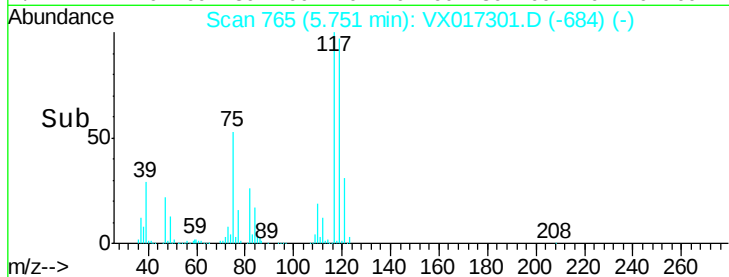
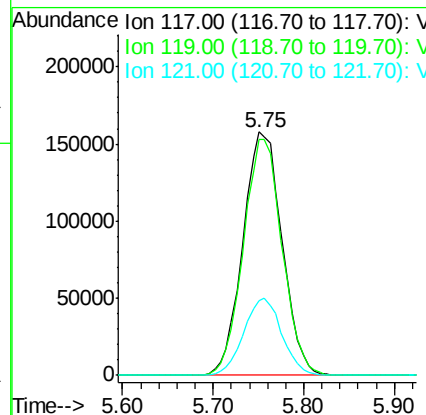
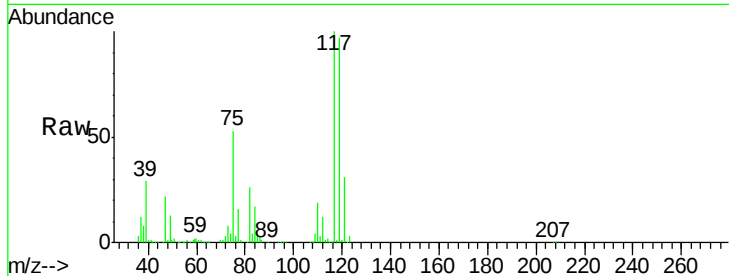
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.8	118.2
121	30.5	23.7	35.5

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#34

Benzene

Concen: 89.000 ug/l

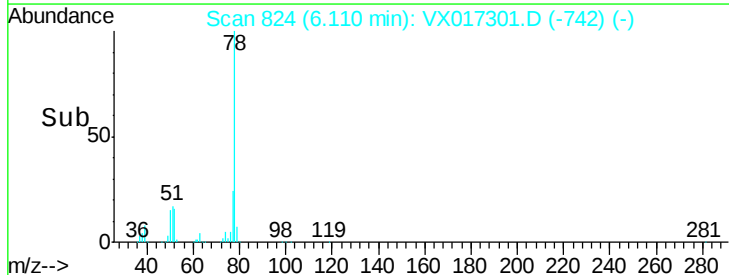
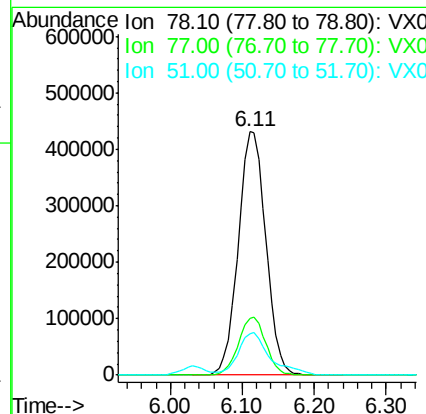
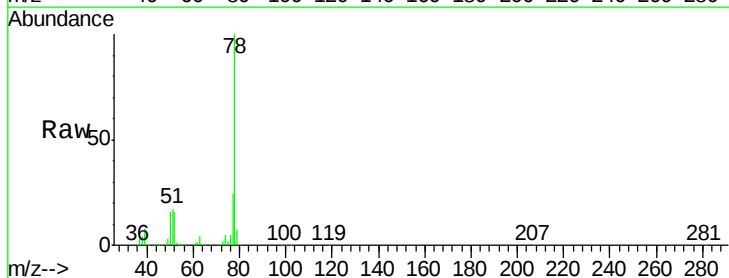
RT: 6.11 min Scan# 824

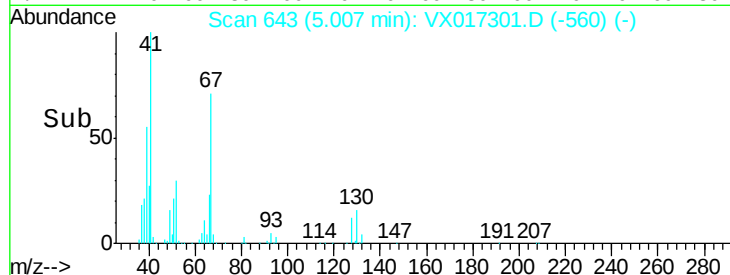
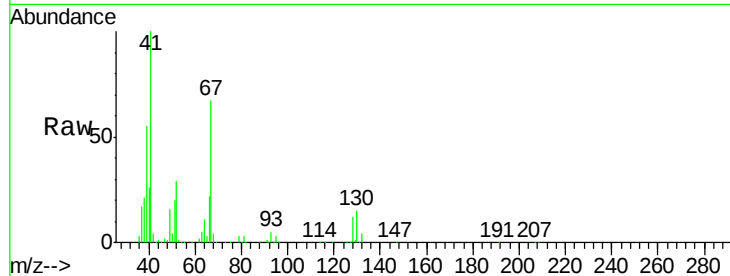
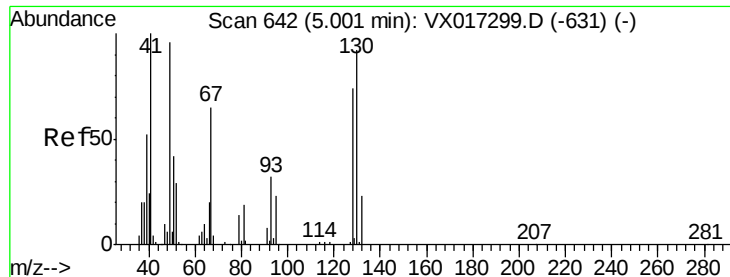
Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

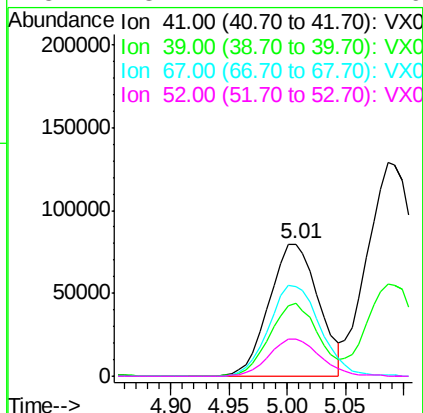
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.1	27.1
51	16.9	12.9	19.3





#35
Methacrylonitrile
Concen: 92.147 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

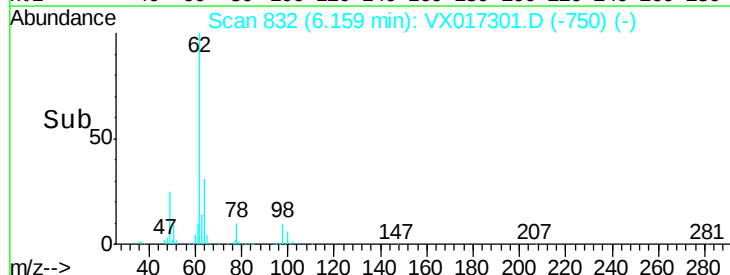
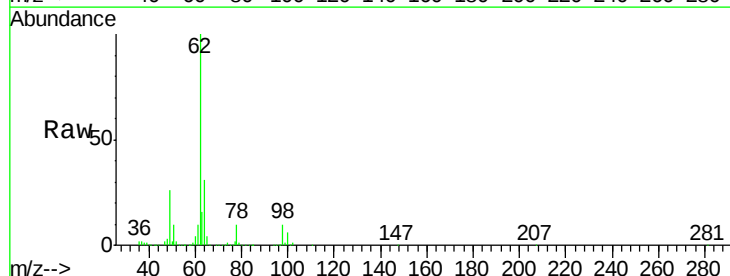
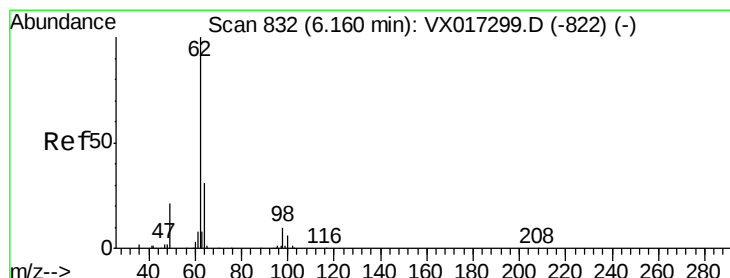
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		234651		
39	54.7	26.0	78.0		
67	67.6	32.6	97.8		
52	28.4	14.2	42.6		



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

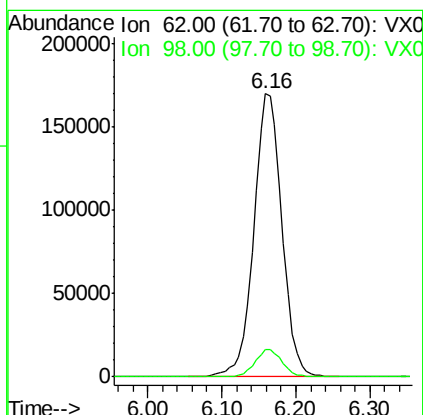
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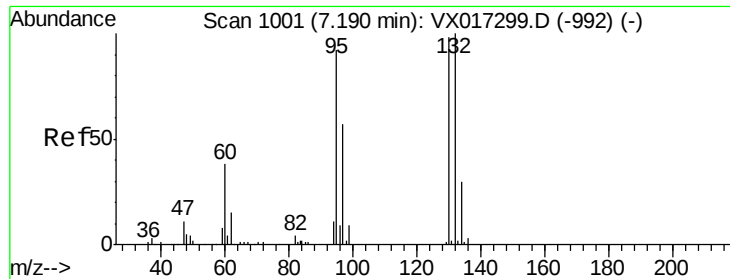
MMDadoda
7/10/2020 12:36:37 PM



#36
1,2-Dichloroethane
Concen: 90.381 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		447775		
98	9.3	7.8	11.8		





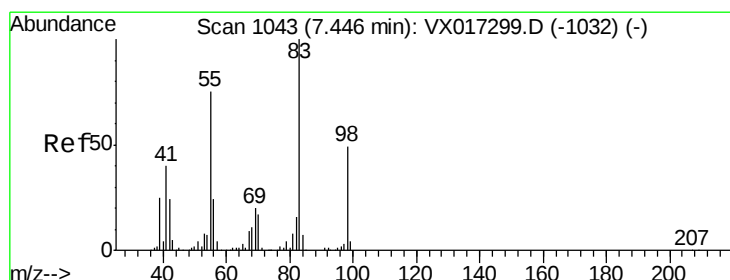
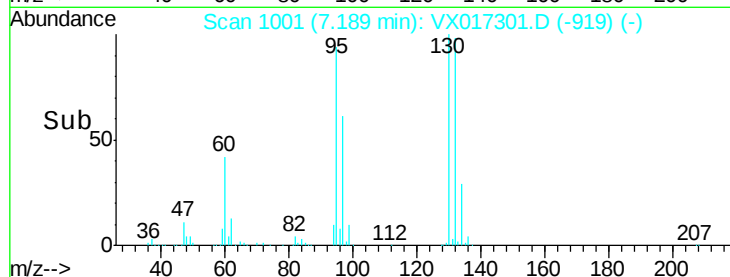
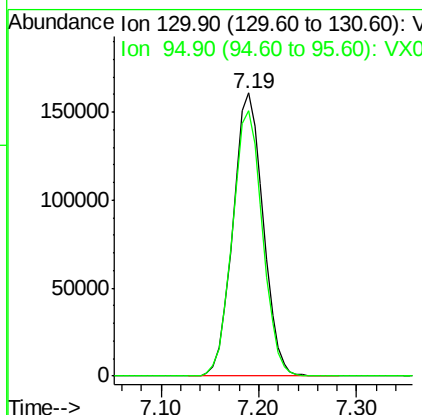
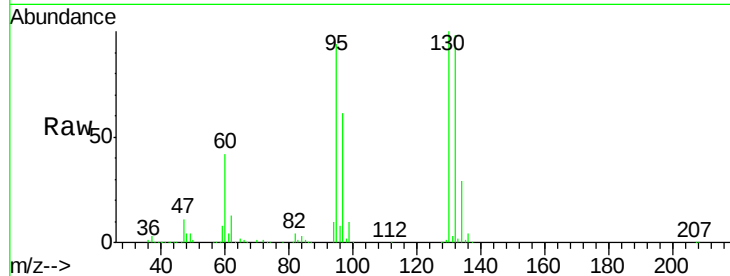
#37
 Trichloroethene
 Concen: 96.511 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017301.D
 Acq: 09 Jul 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:130 Resp: 344106
 Ion Ratio Lower Upper
 130 100
 95 93.6 74.4 111.6

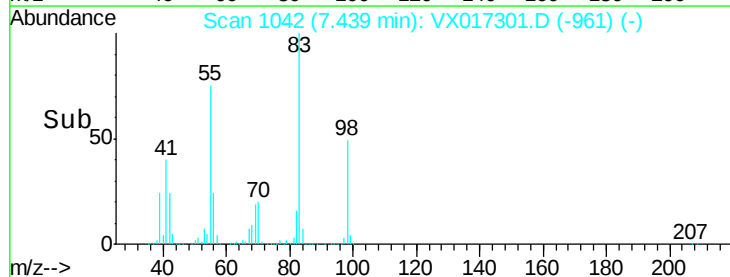
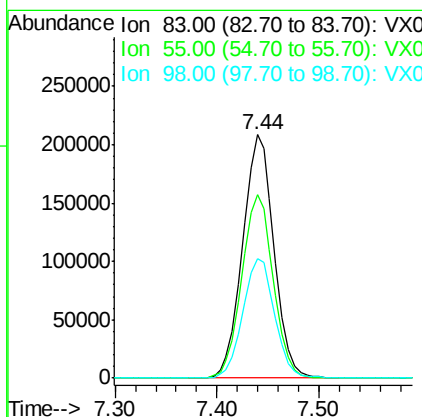
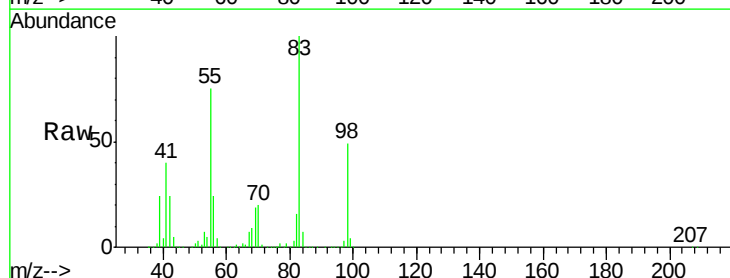
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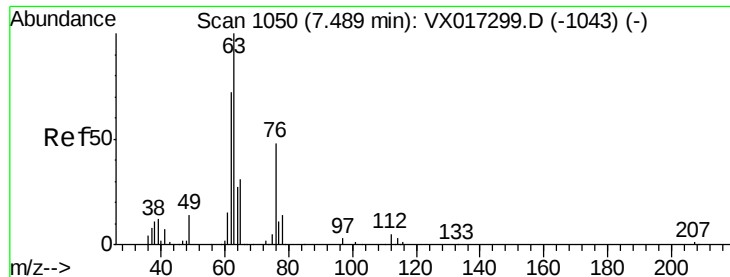
MMDadoda
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#38
 Methylcyclohexane
 Concen: 88.889 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX017301.D
 Acq: 09 Jul 2020 11:37

Tgt Ion: 83 Resp: 444287
 Ion Ratio Lower Upper
 83 100
 55 75.7 39.0 117.0
 98 50.1 25.3 75.9





#39

1,2-Dichloropropane

Concen: 89.739 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 63 Resp: 301200

Ion Ratio Lower Upper

63 100

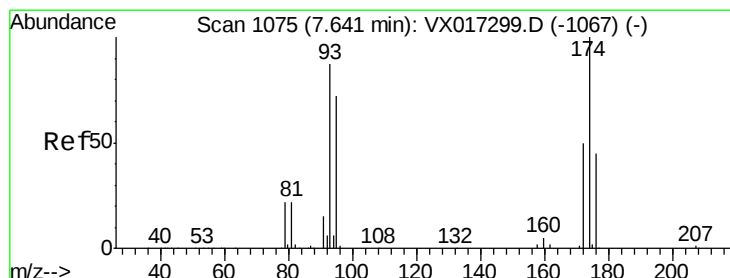
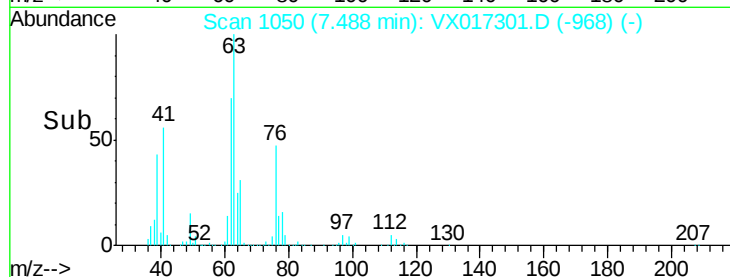
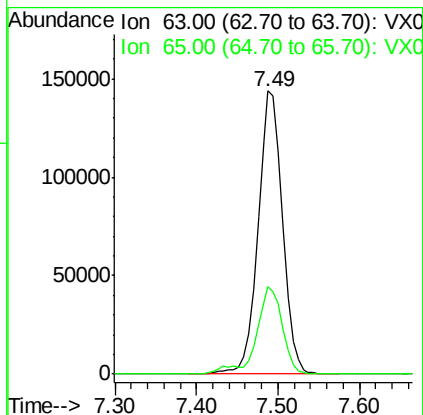
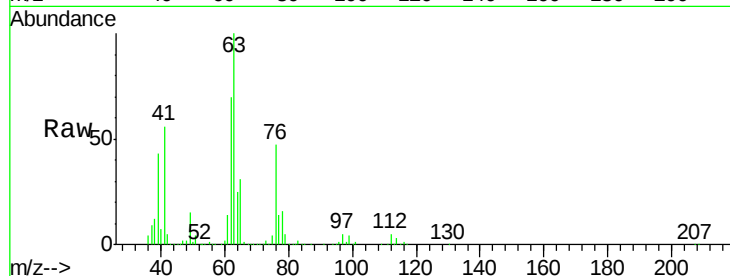
65 31.1 27.4 41.0

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#40

Dibromomethane

Concen: 91.976 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

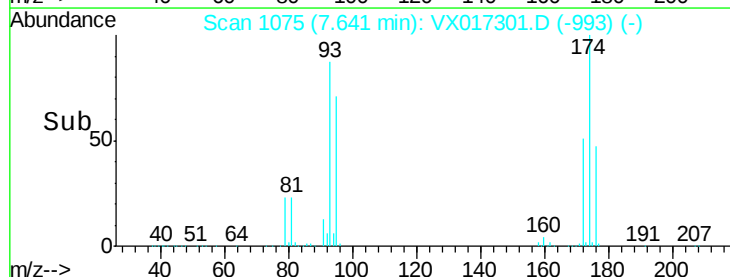
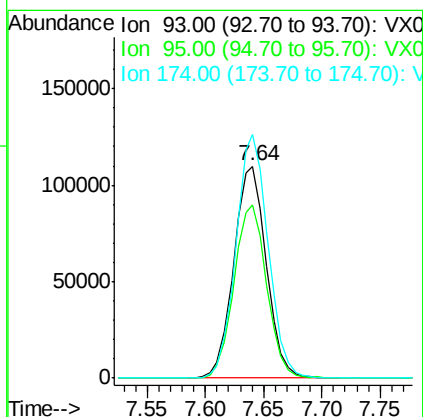
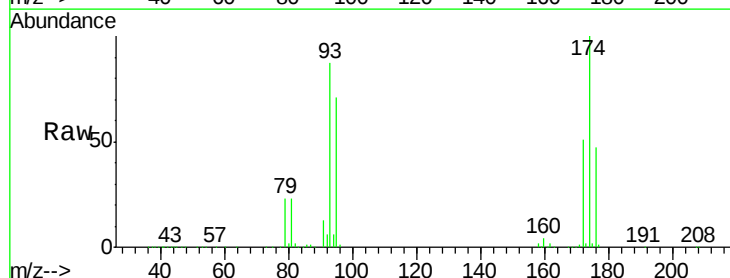
Tgt Ion: 93 Resp: 213551

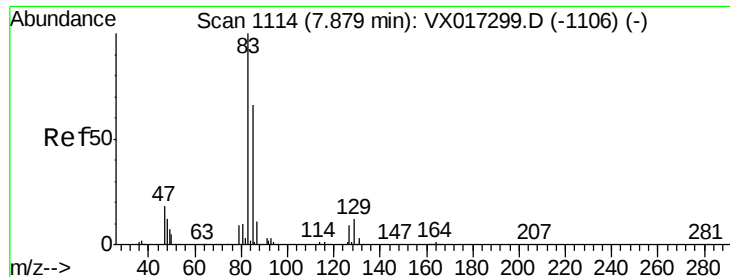
Ion Ratio Lower Upper

93 100

95 82.0 0.0 164.4

174 113.5 0.0 224.8





#41

Bromodichloromethane

Concen: 93.036 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

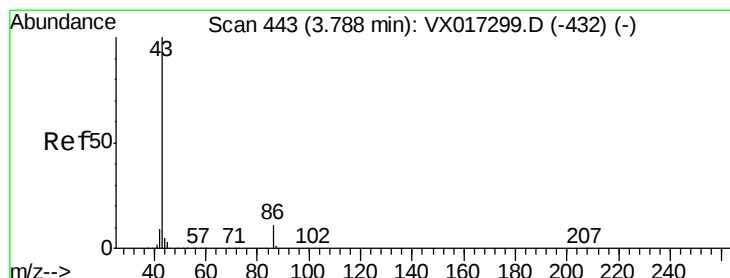
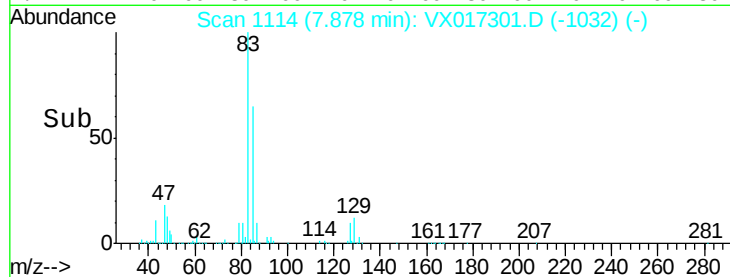
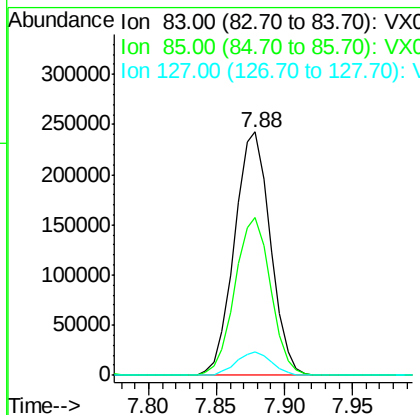
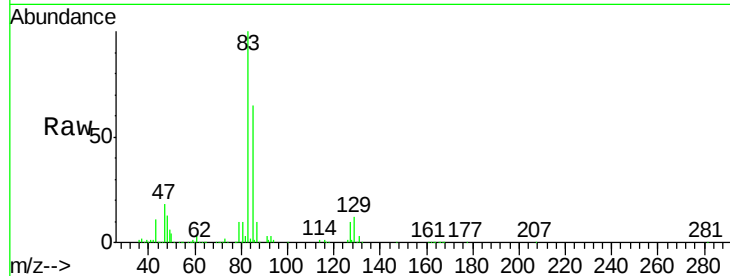
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	447525
Ion	Ratio	Lower	Upper
83	100		
85	64.5	53.1	79.7
127	9.6	7.3	10.9

Manual Integrations
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7/10/2020 12:36:37 PM



#42

Vinyl Acetate

Concen: 440.441 ug/l

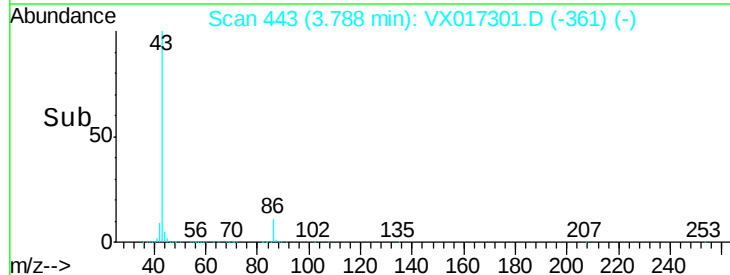
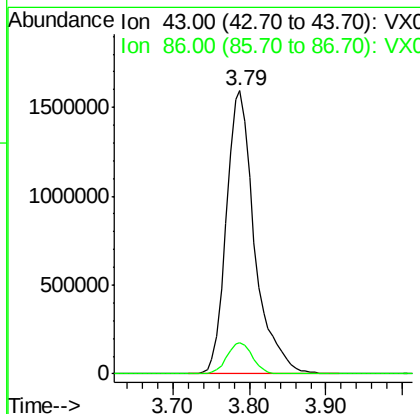
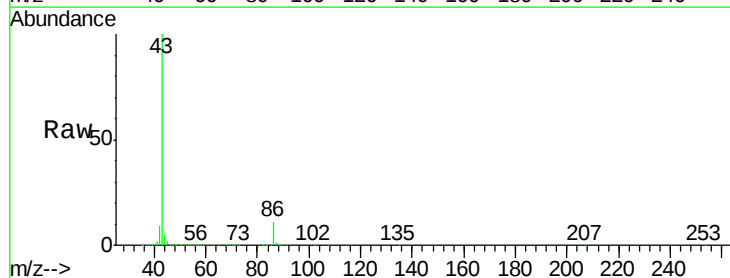
RT: 3.79 min Scan# 443

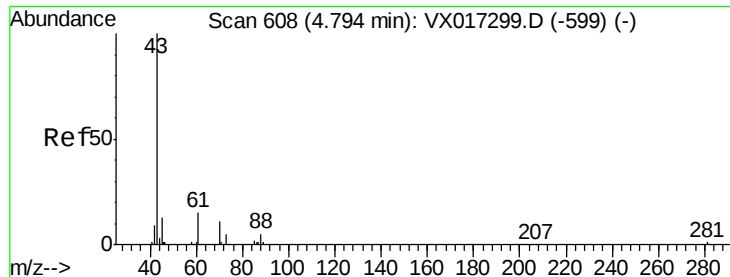
Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Tgt Ion:	43	Resp:	4064806
Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.9	11.9





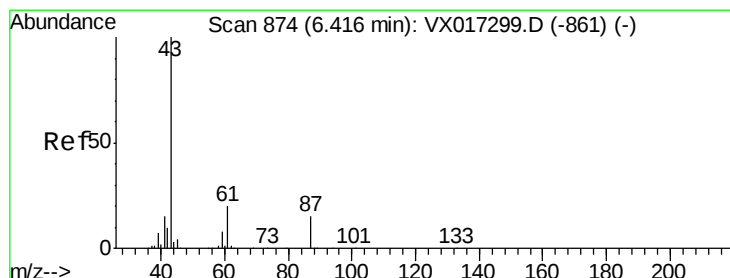
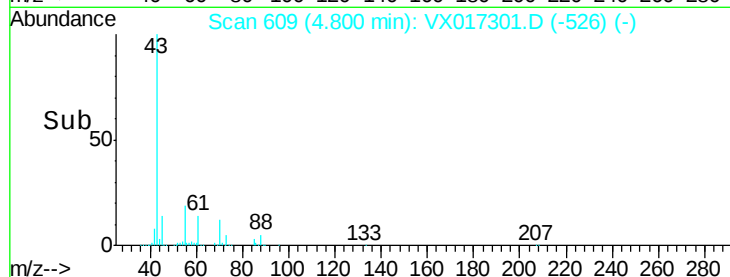
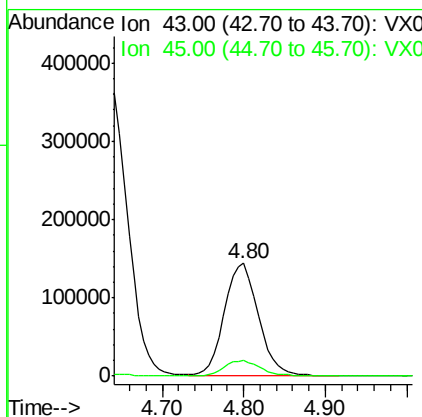
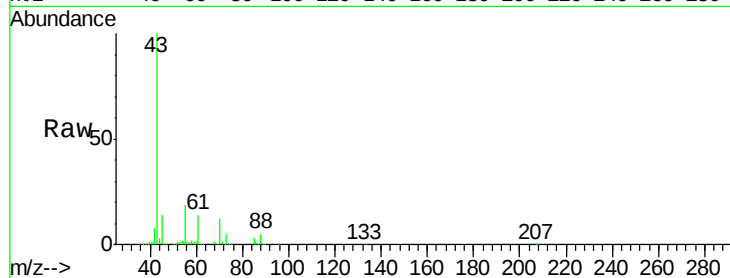
#43
Ethyl Acetate
Concen: 87.941 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	43	Ratio	Lower	Upper
43	100			
45	15.1	12.1	18.1	

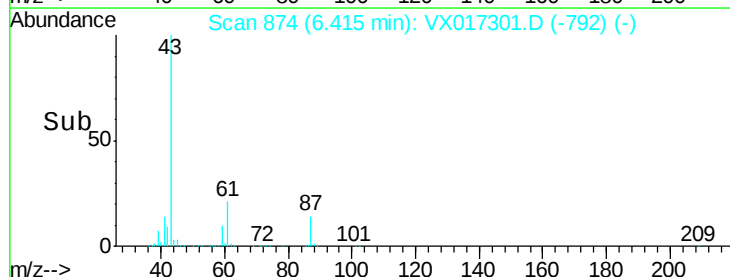
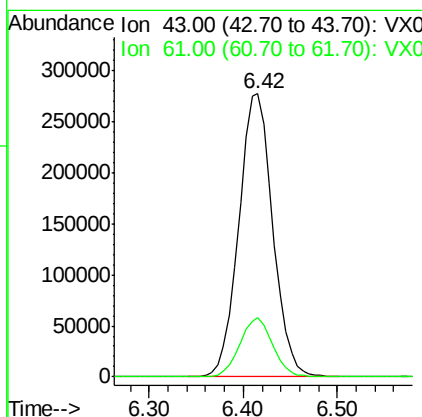
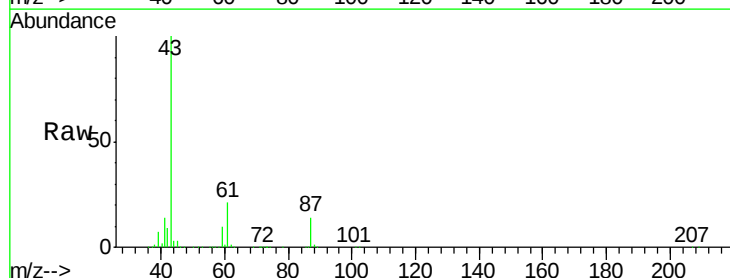
Manual Integrations
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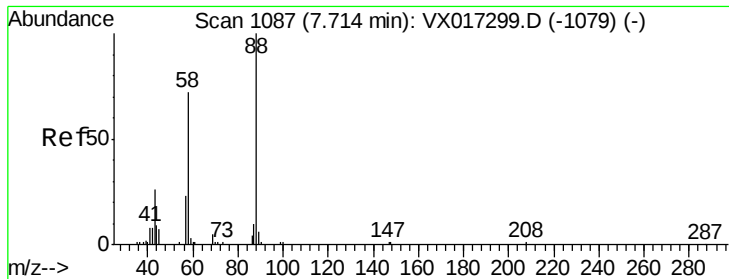
MMDadoda
7/10/2020 12:36:37 PM



#44
Isopropyl Acetate
Concen: 89.128 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	43	Ratio	Lower	Upper
43	100			
61	20.3	15.7	23.5	





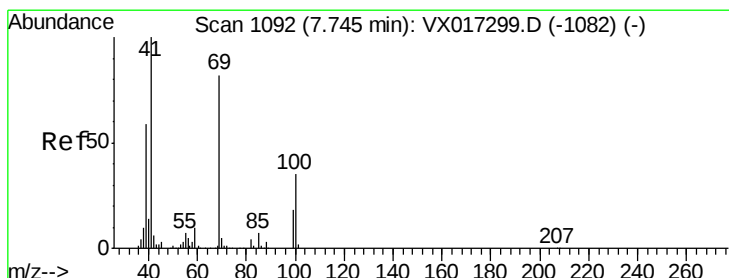
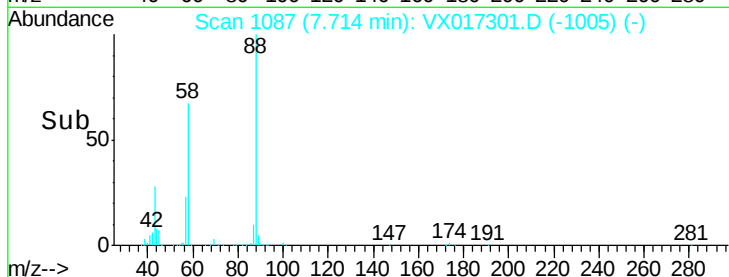
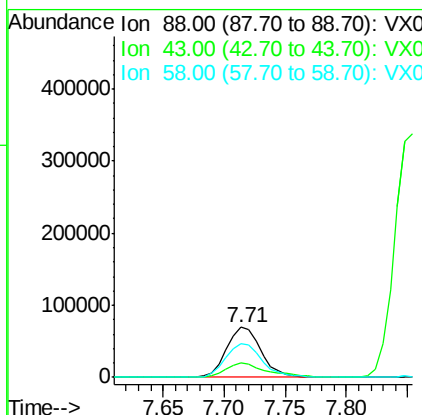
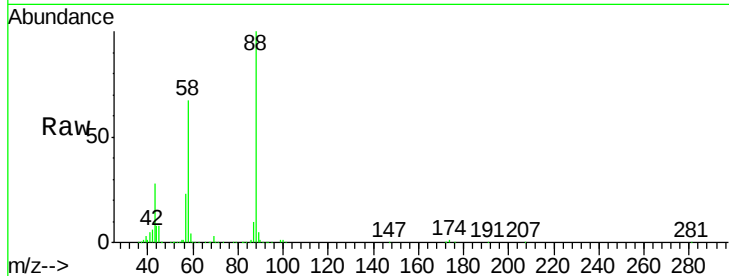
#45
1,4-Dioxane
Concen: 1770.571 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	29.0	43.4
58	70.7	58.3	87.5

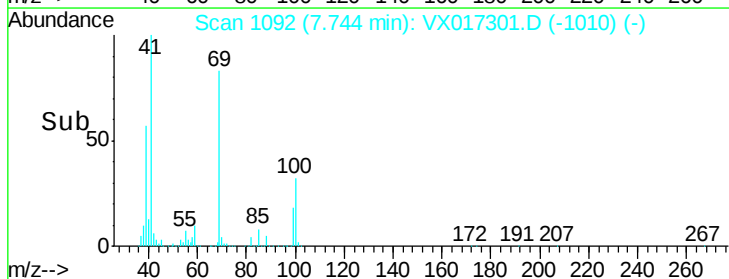
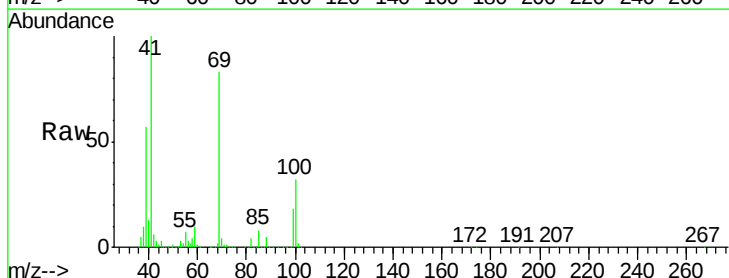
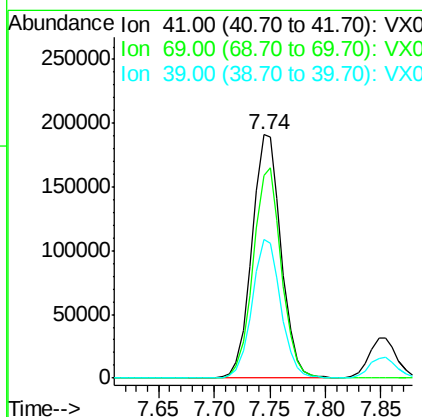
Manual Integrations
APPROVED

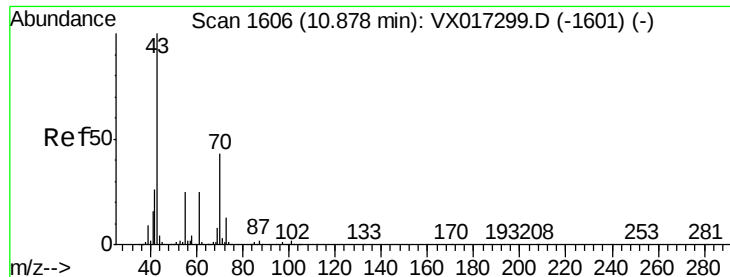
MMDadoda
7/10/2020 12:36:37 PM



#46
Methyl methacrylate
Concen: 95.533 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.2	41.1	123.3
39	56.9	29.2	87.6





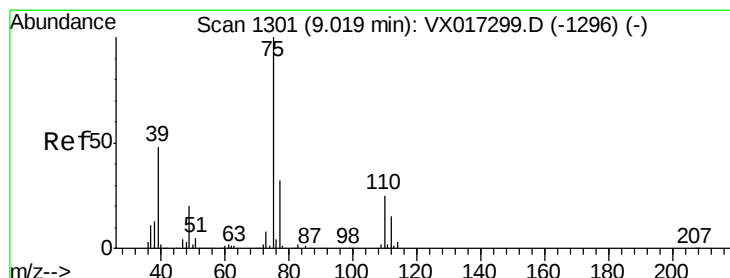
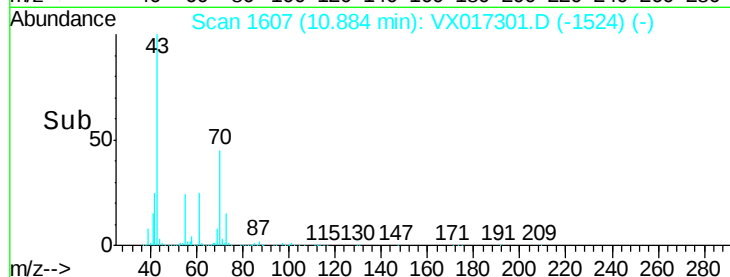
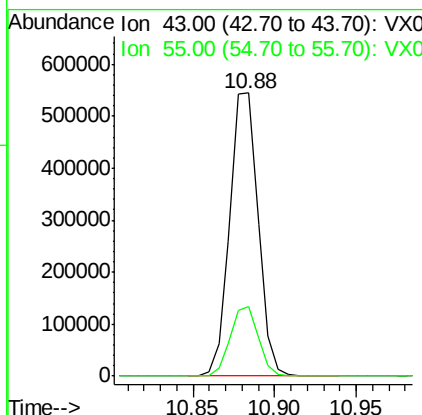
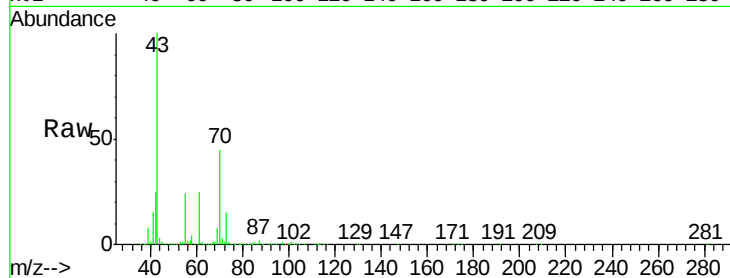
#47
n-amvl Acetate
Concen: 95.627 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
55	24.1	20.4	30.6

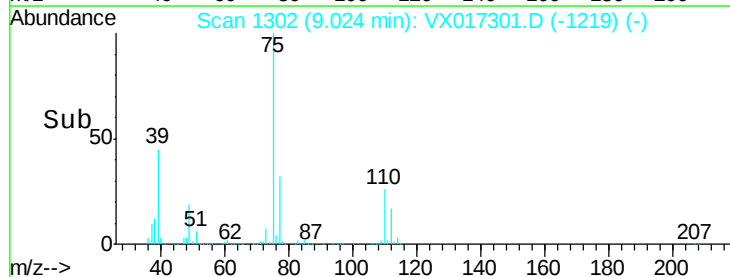
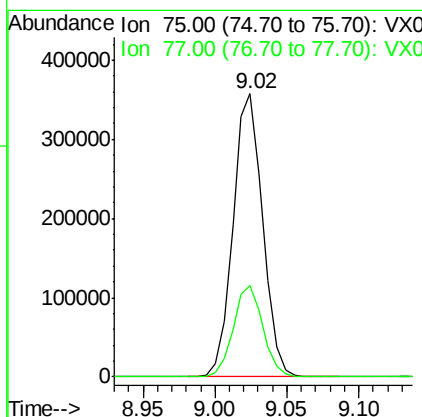
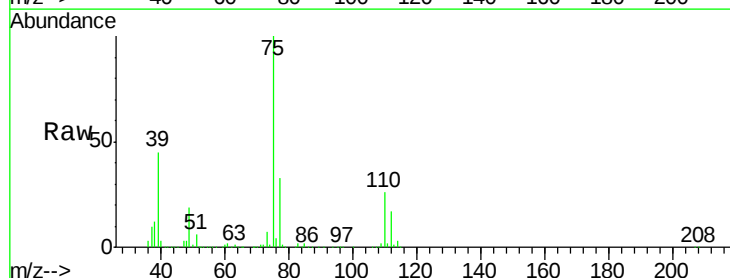
Manual Integrations
APPROVED

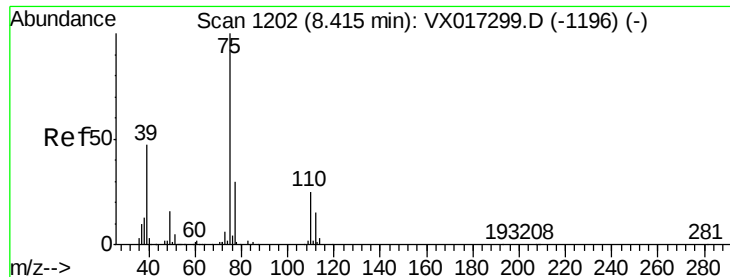
MMDadoda
7/10/2020 12:36:37 PM



#48
t-1,3-Dichloropropene
Concen: 95.984 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.6	38.4





#49

cis-1,3-Dichloropropene

Concen: 95.131 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

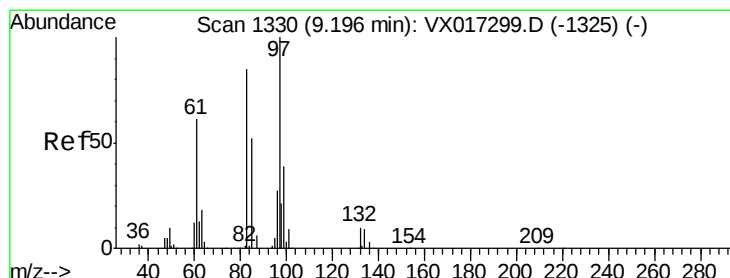
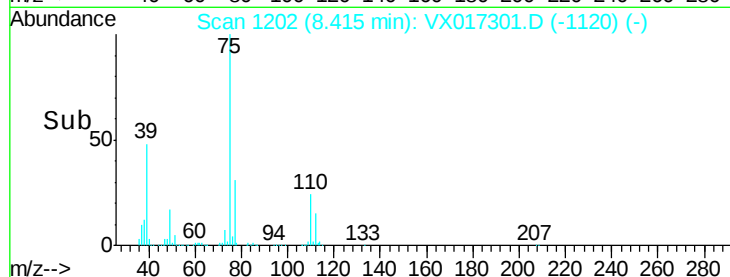
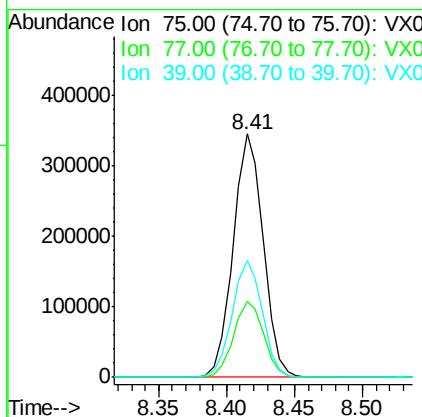
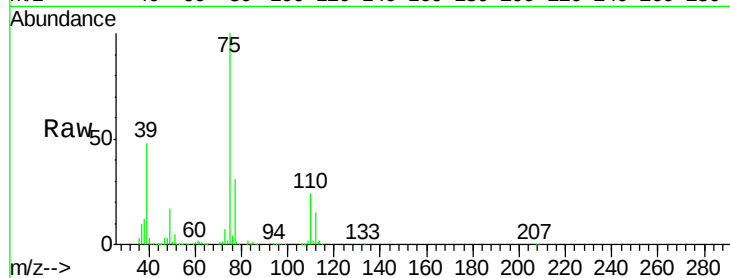
ClientSampleId :

VSTDICC100

Tot Ion:	75	Resp:	531933
Ion Ratio	Lower	Upper	
75	100		
77	31.0	23.6	35.4
39	47.9	37.5	56.3

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 95.690 ug/l

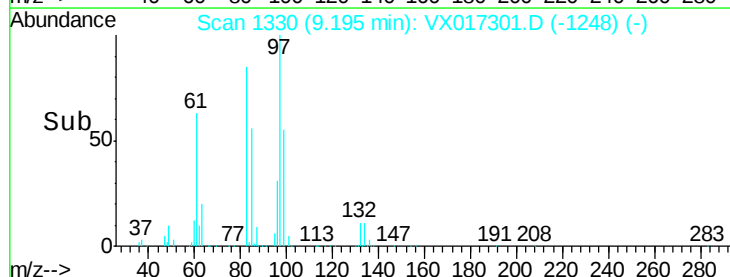
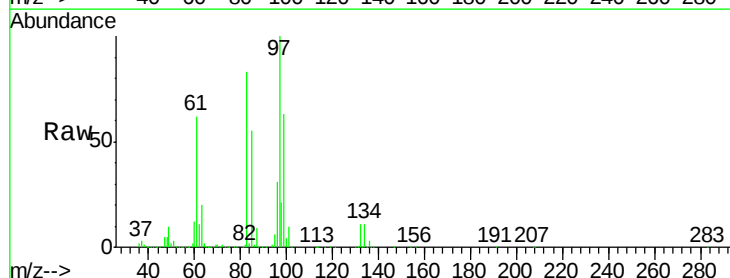
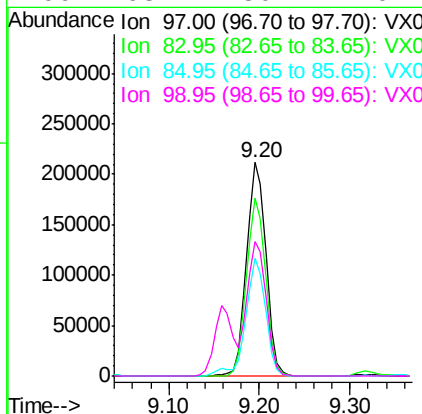
RT: 9.20 min Scan# 1330

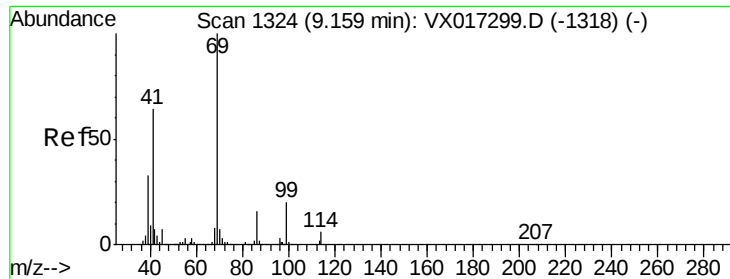
Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Tgt Ion:	97	Resp:	314345
Ion Ratio	Lower	Upper	
97	100		
83	83.4	67.9	101.9
85	55.2	42.6	64.0
99	63.2	50.7	76.1





#51

Ethyl methacrylate

Concen: 98.463 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

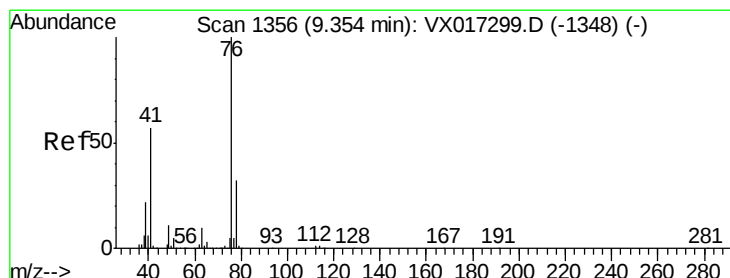
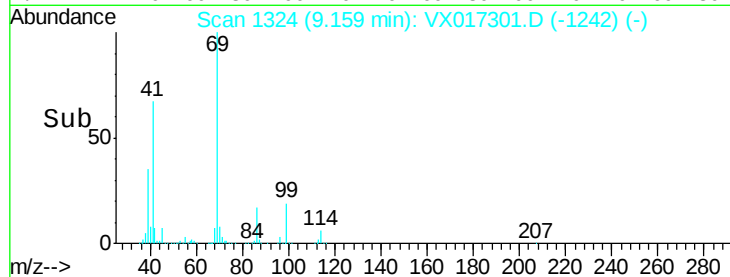
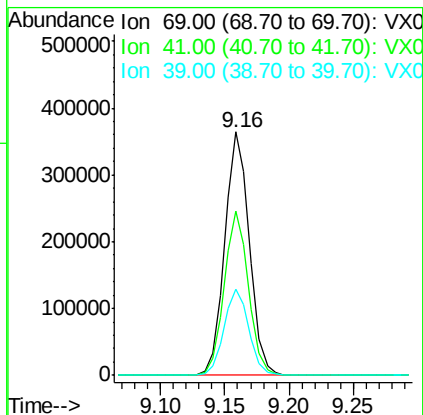
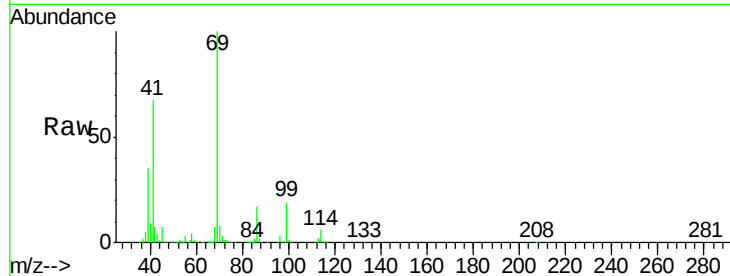
ClientSampleId :

VSTDIC100

Tot Ion:	69	Resp:	488662
Ion	Ratio	Lower	Upper
69	100		
41	67.3	32.1	96.5
39	35.2	16.3	48.9

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 94.024 ug/l

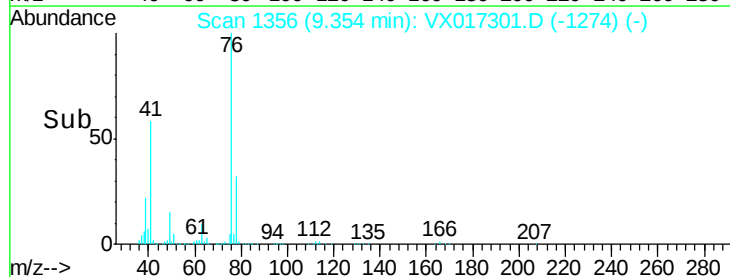
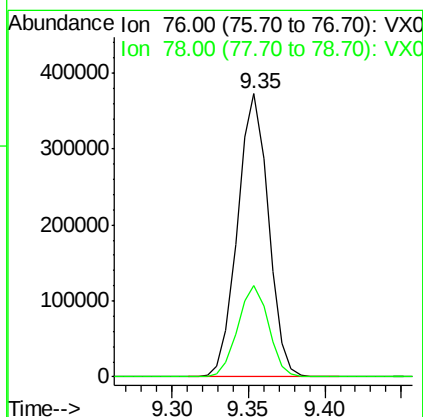
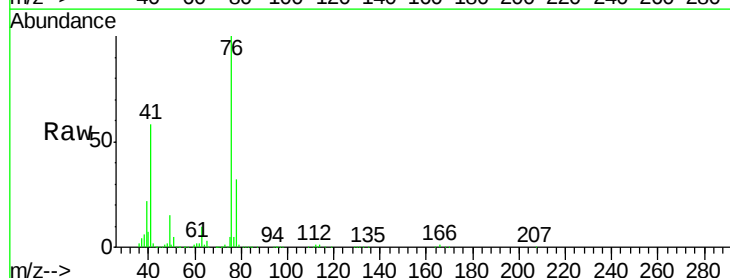
RT: 9.35 min Scan# 1356

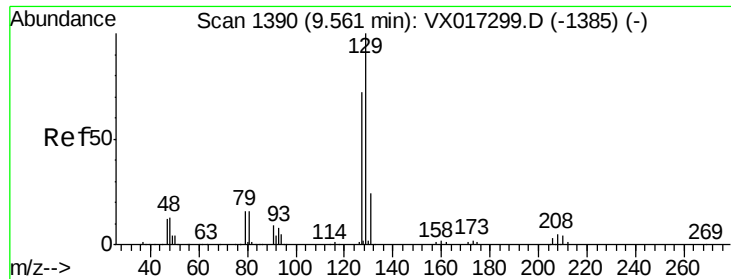
Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Tgt Ion:	76	Resp:	521605
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	65.6





#53

Dibromochloromethane

Concen: 103.176 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:129 Resp: 393247

Ion Ratio Lower Upper

129 100

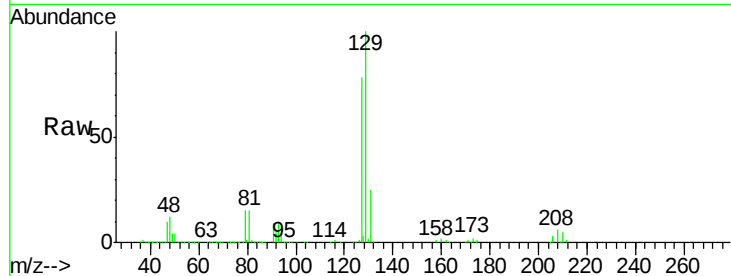
127 77.8 37.5 112.5

Manual Integrations

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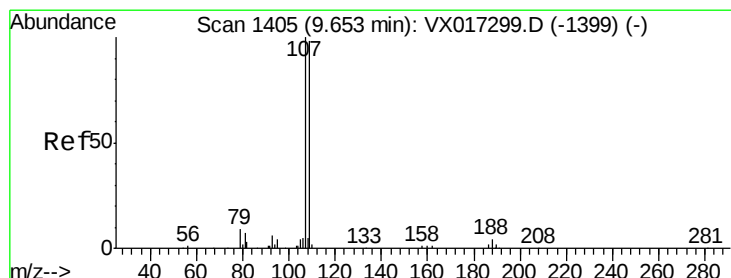
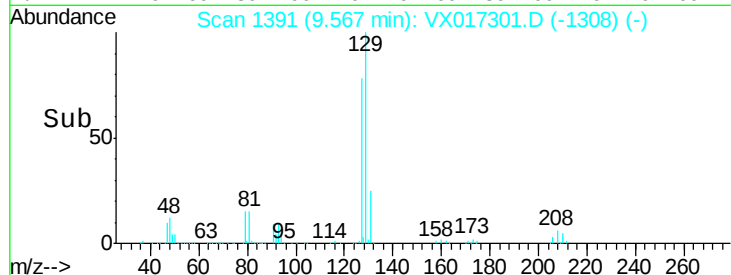
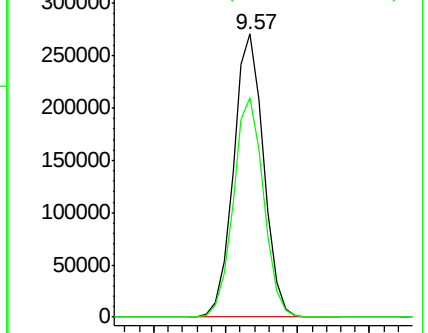
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 99.529 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017301.D

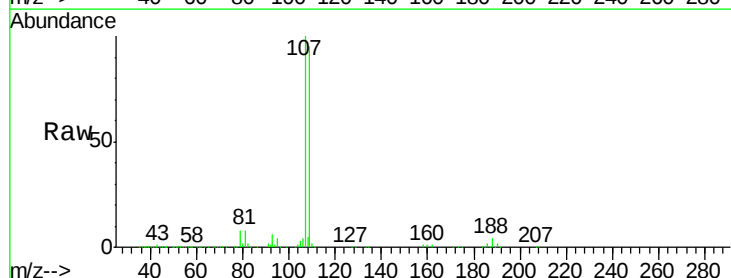
Acq: 09 Jul 2020 11:37

Tgt Ion:107 Resp: 346812

Ion Ratio Lower Upper

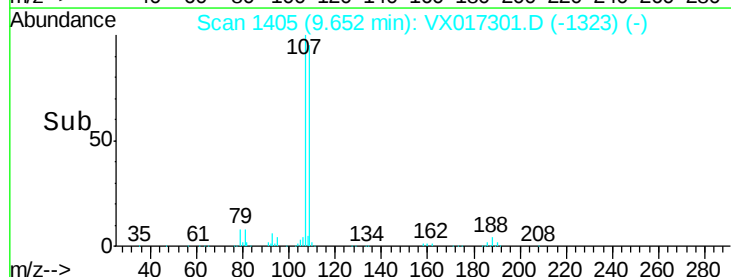
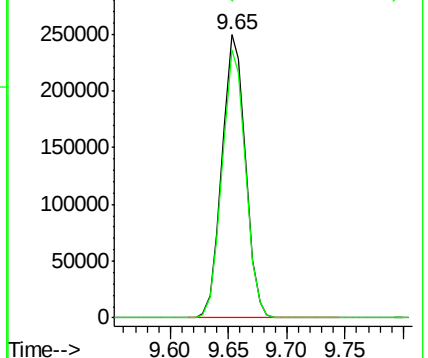
107 100

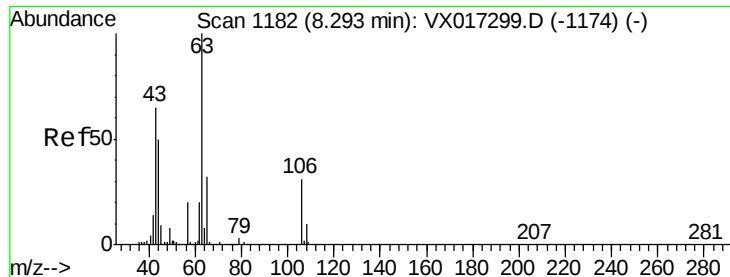
109 94.7 76.9 115.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





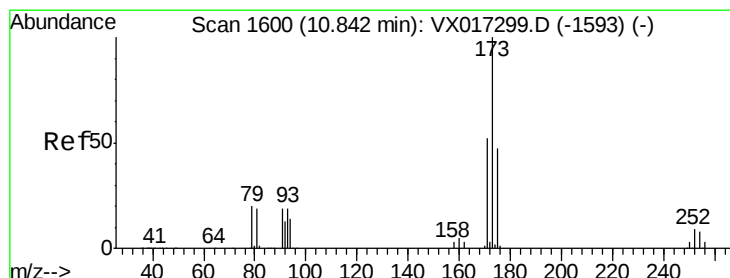
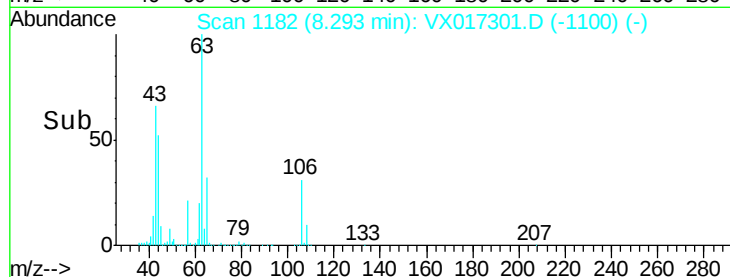
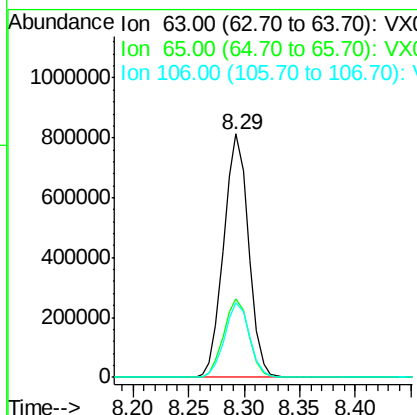
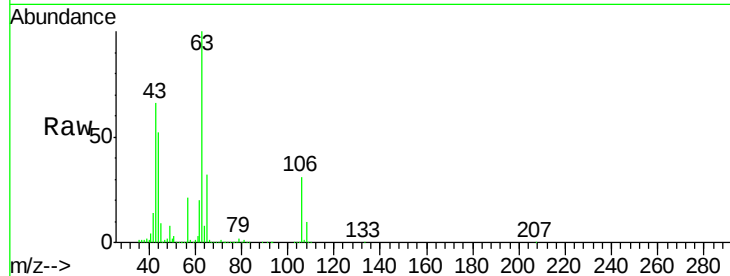
#55
 2-Chloroethyl vinyl ether
 Concen: 481.242 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017301.D
 Acq: 09 Jul 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 1258180
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.4 38.0
 106 30.8 24.5 36.7

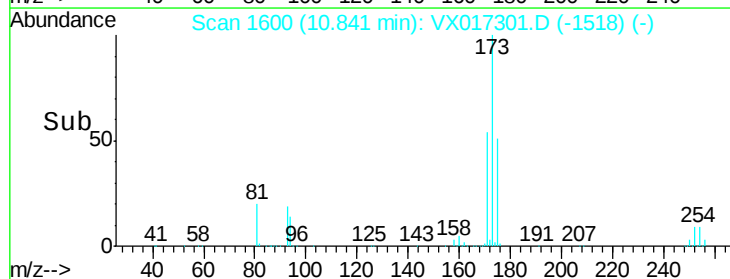
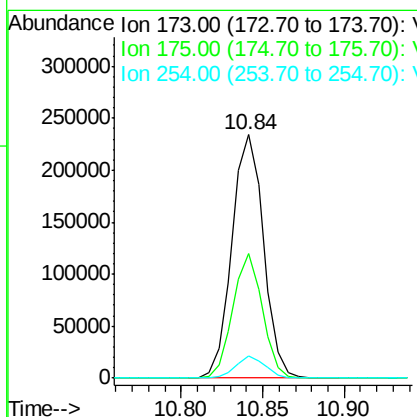
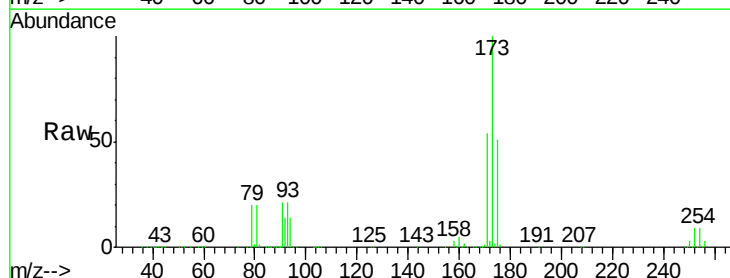
Manual Integrations
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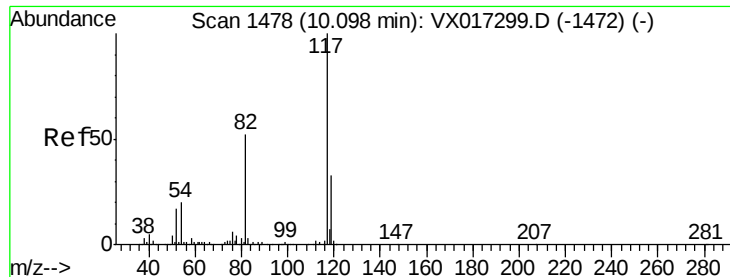
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 7/10/2020 12:36:37 PM



#56
 Bromoform
 Concen: 114.842 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX017301.D
 Acq: 09 Jul 2020 11:37

Tgt Ion: 173 Resp: 315629
 Ion Ratio Lower Upper
 173 100
 175 48.1 38.4 57.6
 254 8.5 7.0 10.4





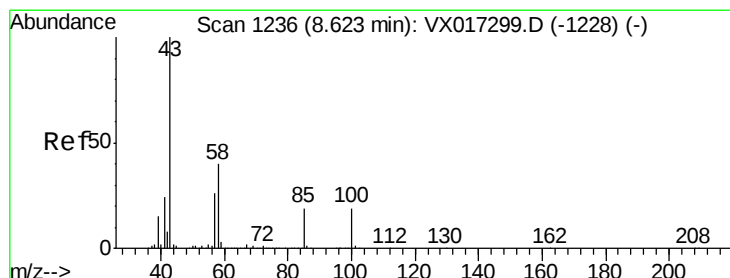
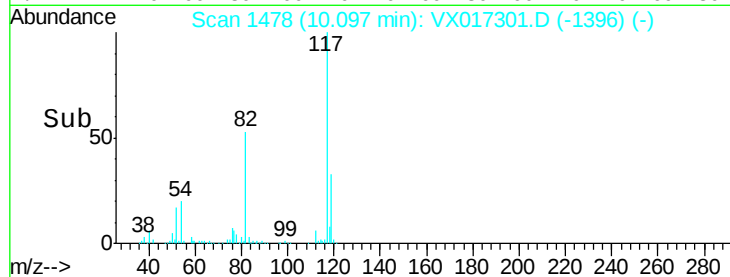
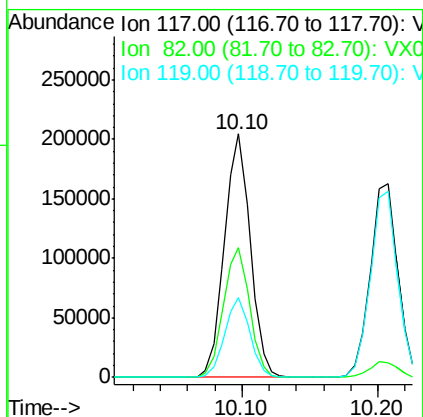
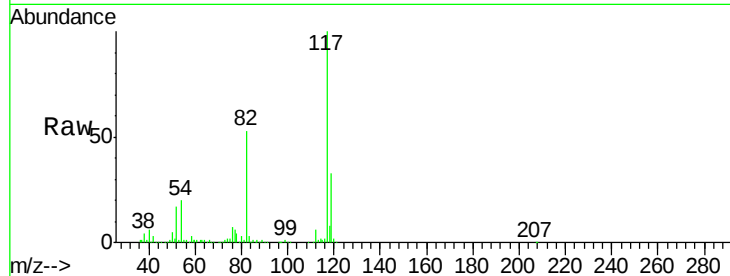
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.2	63.4
119	31.8	26.4	39.6

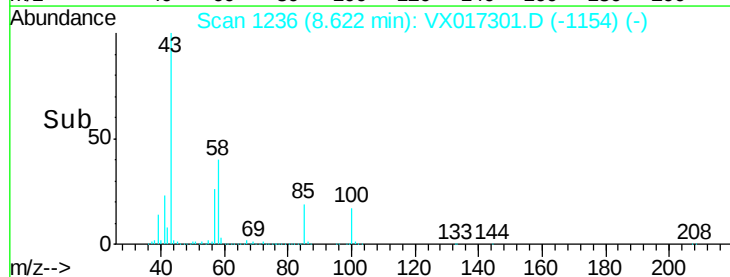
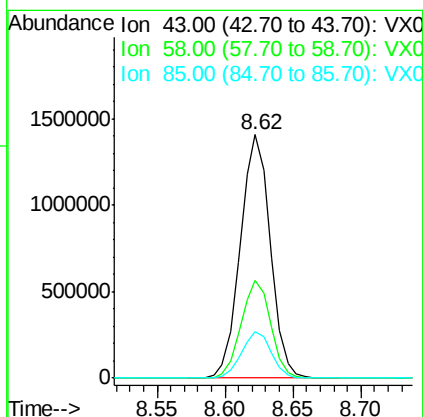
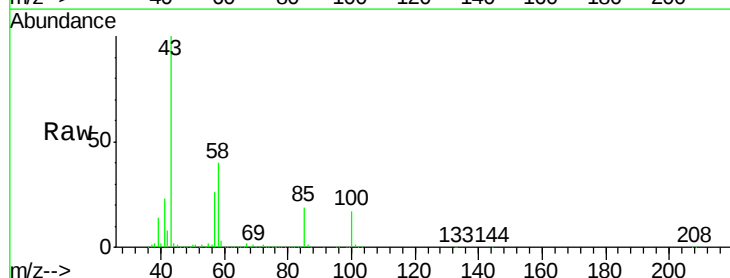
Manual Integrations
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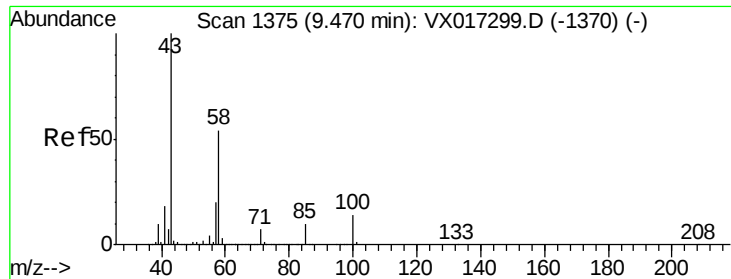
MMDadoda
7/10/2020 12:36:37 PM



#58
4-Methyl-2-Pentanone
Concen: 448.723 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	32.2	48.2
85	18.9	14.8	22.2





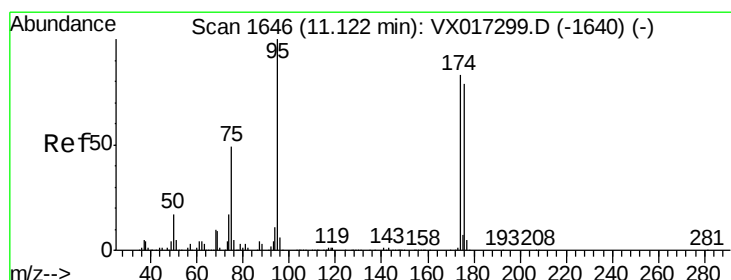
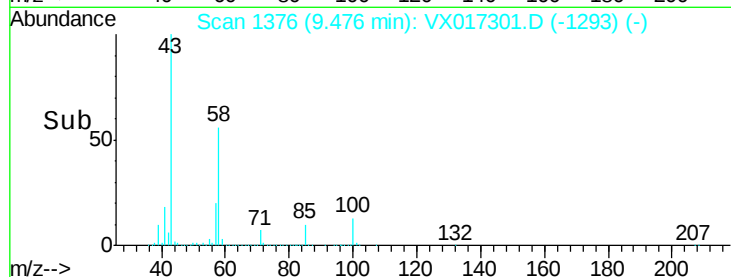
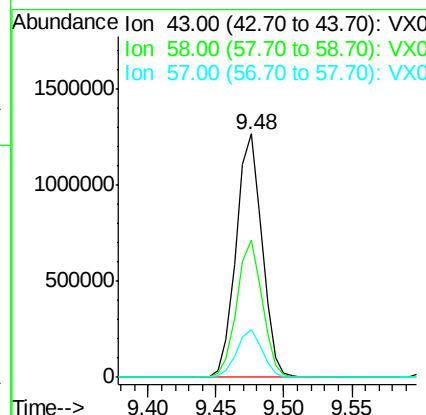
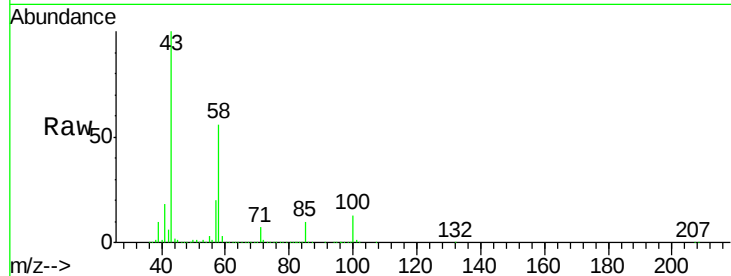
#59
2-Hexanone
Concen: 465.495 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1682002
Ion Ratio Lower Upper
43 100
58 55.6 43.4 65.0
57 19.6 15.1 22.7

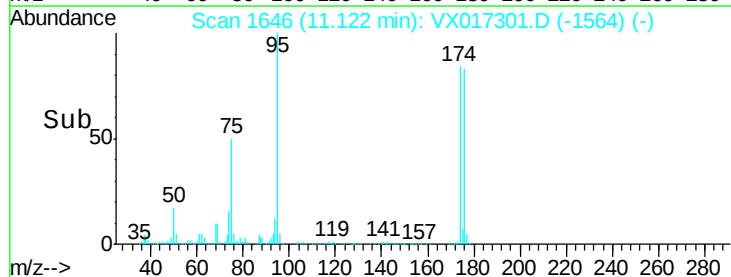
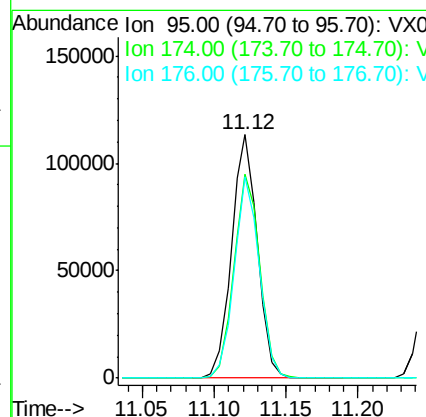
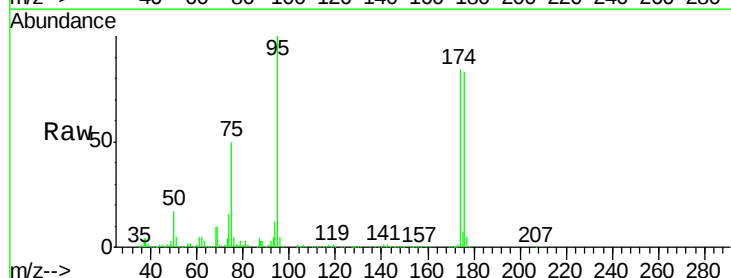
Manual Integrations
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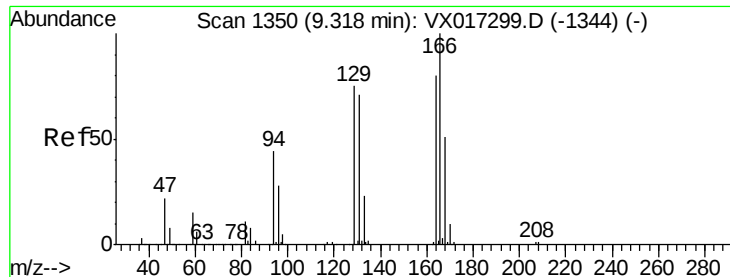
MMDadoda
7/10/2020 12:36:37 PM



#60
4-Bromofluorobenzene
Concen: 31.361 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion: 95 Resp: 142608
Ion Ratio Lower Upper
95 100
174 84.0 66.9 100.3
176 80.6 65.5 98.3





#61

Tetrachloroethene

Concen: 95.767 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:164 Resp: 331488

Ion Ratio Lower Upper

164 100

166 123.5 99.8 149.6

129 90.7 74.4 111.6

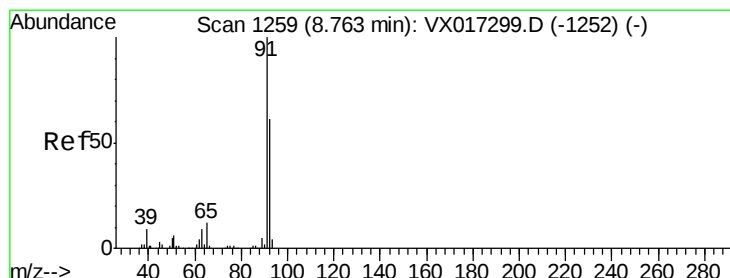
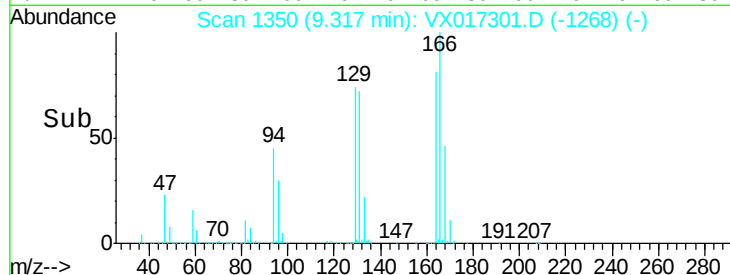
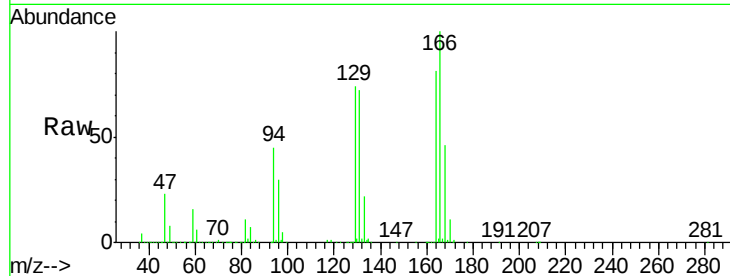
131 88.9 70.6 105.8

Manual Integrations

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#62

Toluene

Concen: 89.006 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017301.D

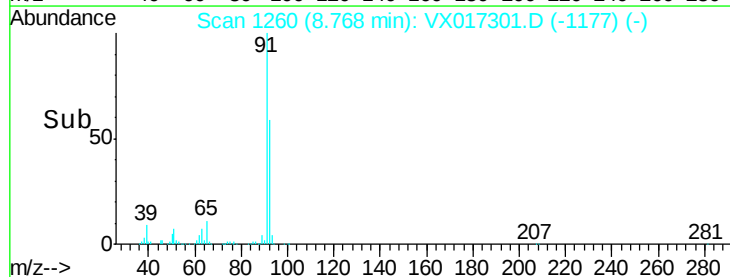
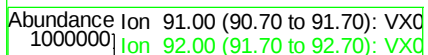
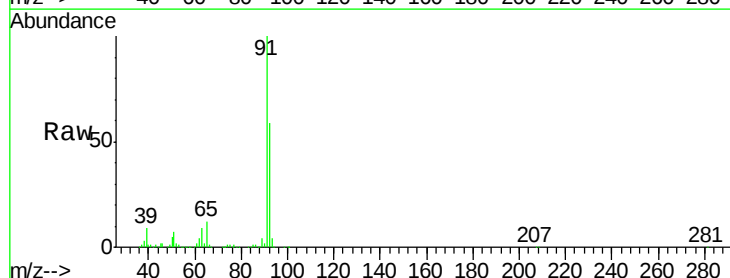
Acq: 09 Jul 2020 11:37

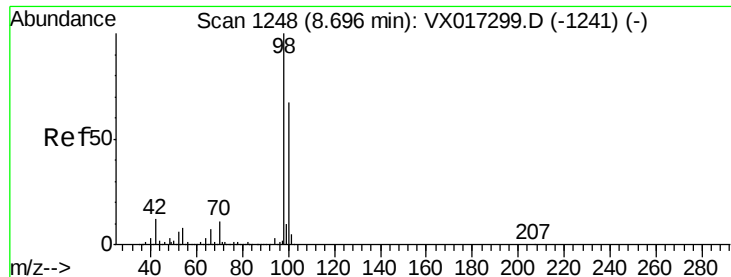
Tgt Ion: 91 Resp: 1278422

Ion Ratio Lower Upper

91 100

92 59.2 47.2 70.8





#63

Toluene-d8

Concen: 28.258 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 98 Resp: 335842

Ion Ratio Lower Upper

98 100

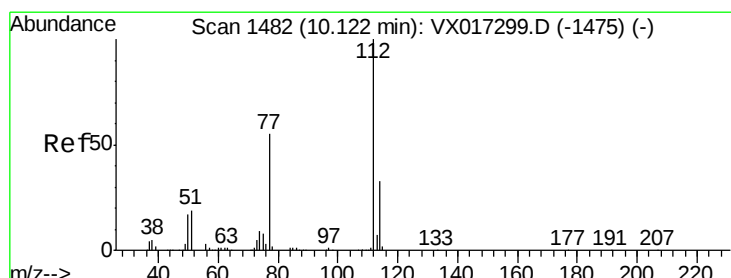
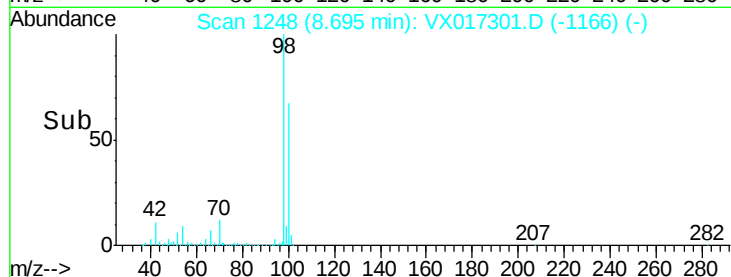
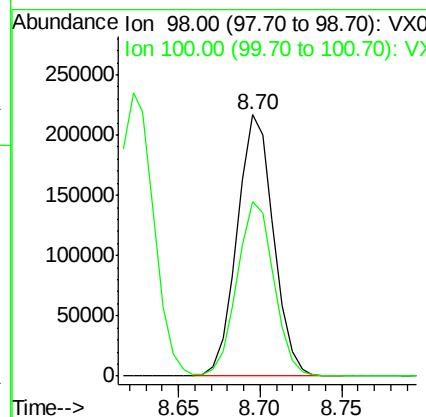
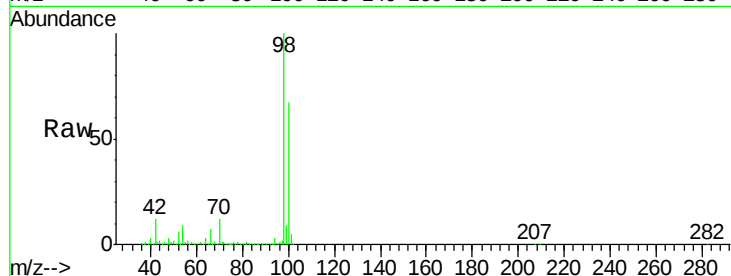
100 67.7 52.8 79.2

Manual Integrations

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#64

Chlorobenzene

Concen: 93.649 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017301.D

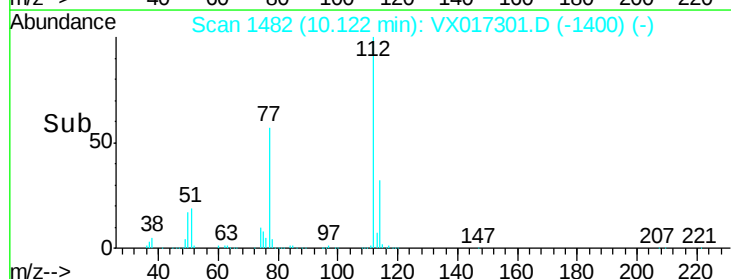
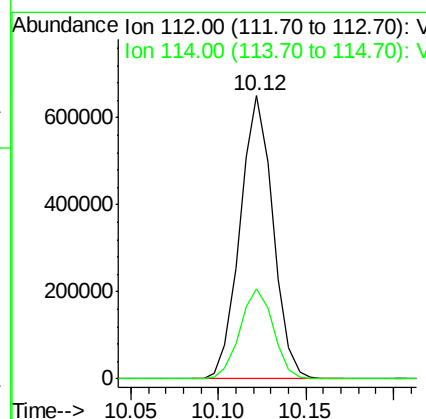
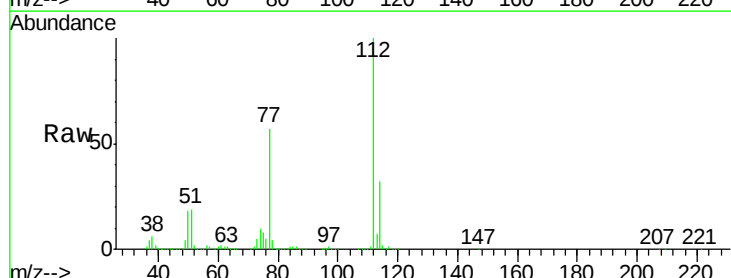
Acq: 09 Jul 2020 11:37

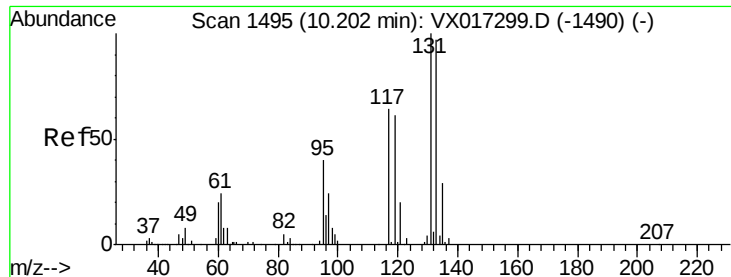
Tgt Ion: 112 Resp: 851375

Ion Ratio Lower Upper

112 100

114 31.8 26.2 39.2





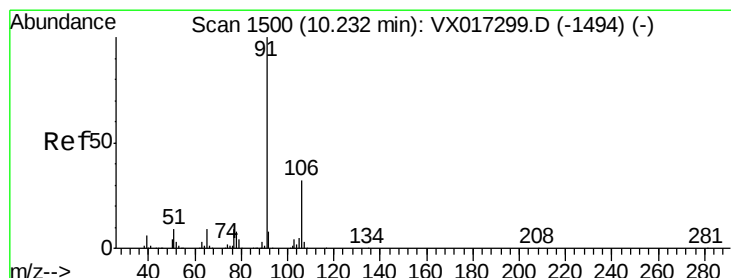
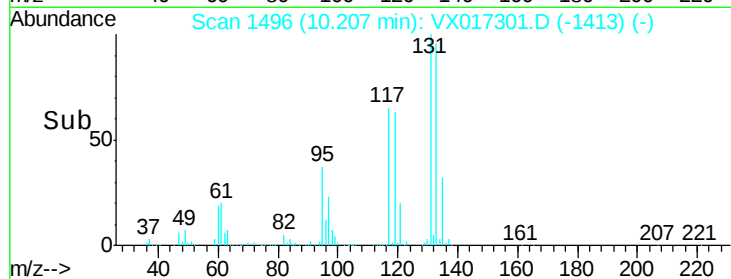
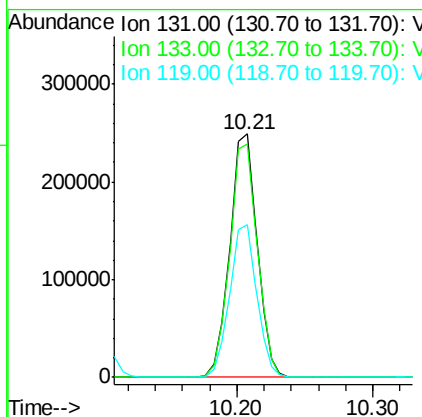
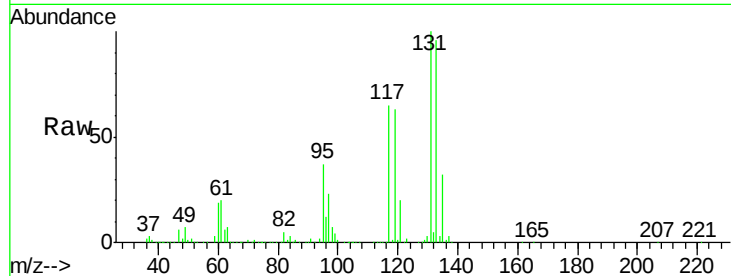
#65
 1,1,1,2-Tetrachloroethane
 Concen: 101.119 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: VX017301.D
 Acq: 09 Jul 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
131	100	349094		
133	96.9	0.0	196.8	
119	62.2	0.0	126.0	

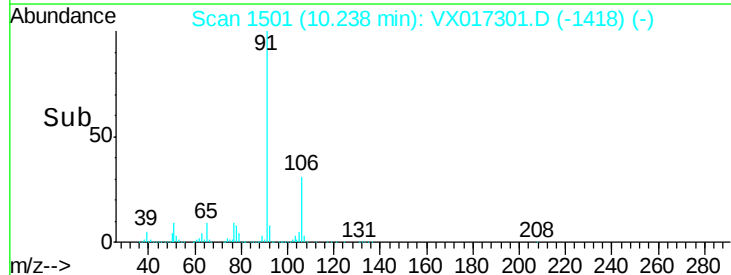
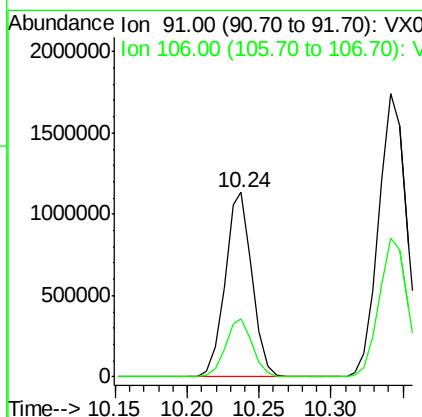
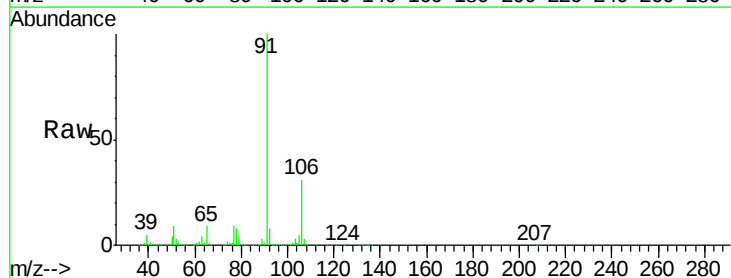
Manual Integrations
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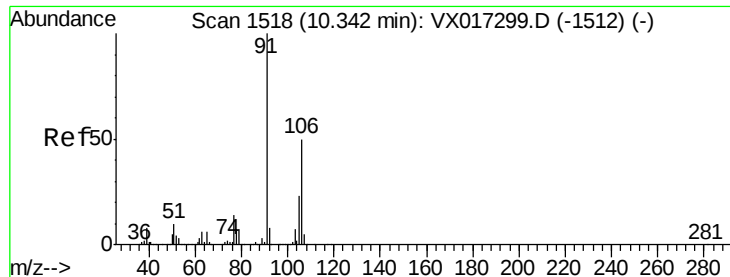
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#66
 Ethyl Benzene
 Concen: 93.109 ug/l
 RT: 10.24 min Scan# 1501
 Delta R.T. 0.01 min
 Lab File: VX017301.D
 Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1483995		
106	31.5	25.2	37.8	





#67

m/p-Xylenes

Concen: 188.359 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:106 Resp: 1141580

Ion Ratio Lower Upper

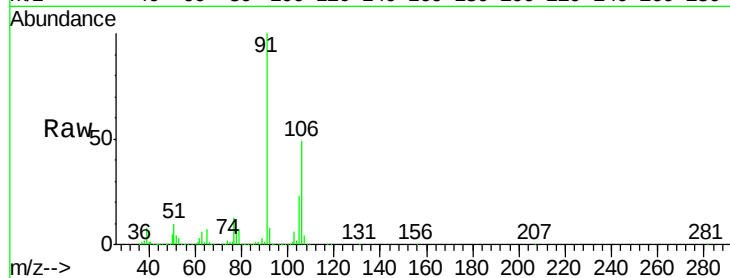
106 100

91 203.0 159.7 239.5

Manual Integrations
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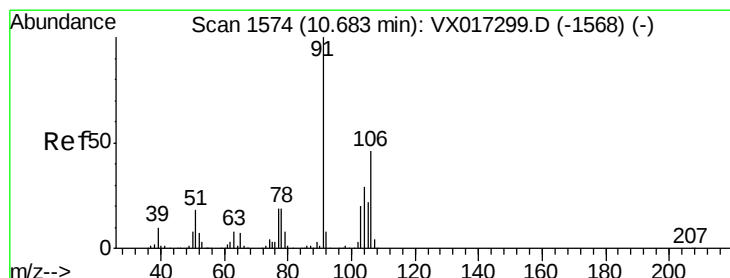
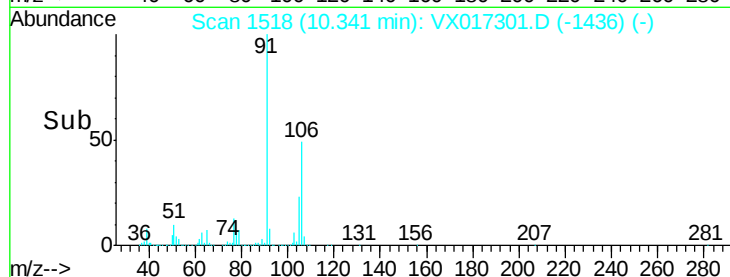
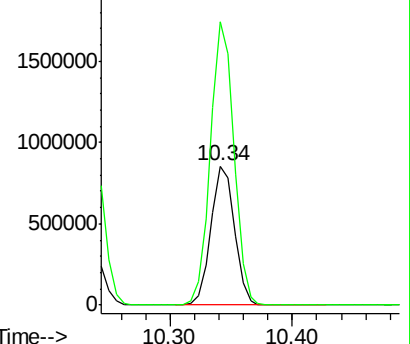
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 96.411 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017301.D

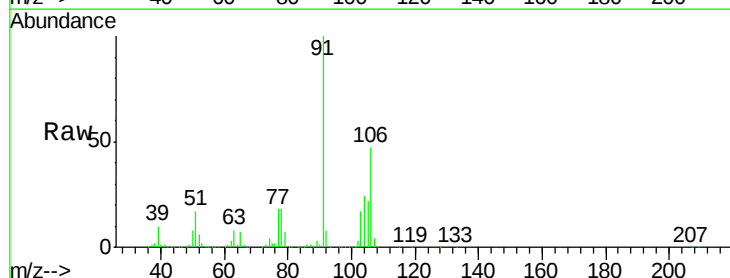
Acq: 09 Jul 2020 11:37

Tgt Ion:106 Resp: 555757

Ion Ratio Lower Upper

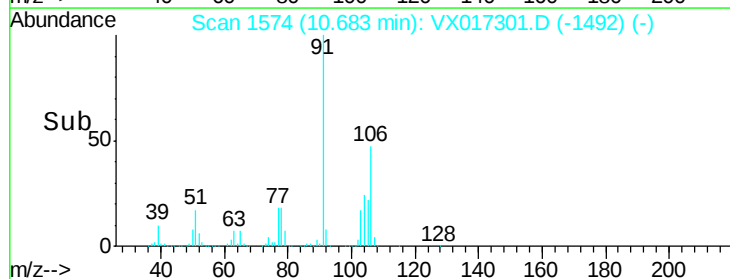
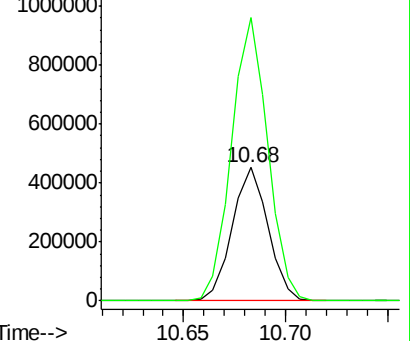
106 100

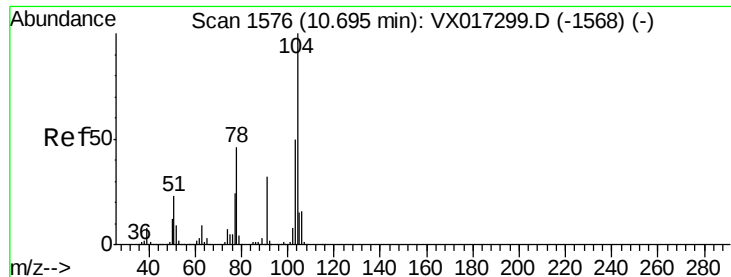
91 213.1 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





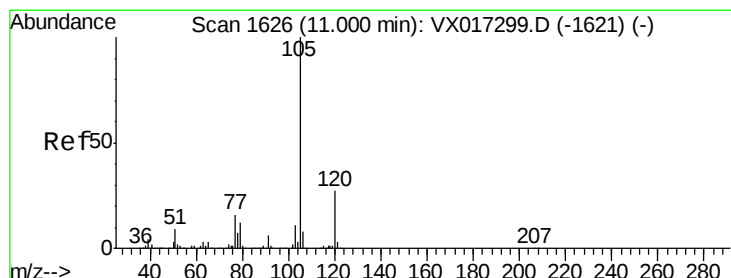
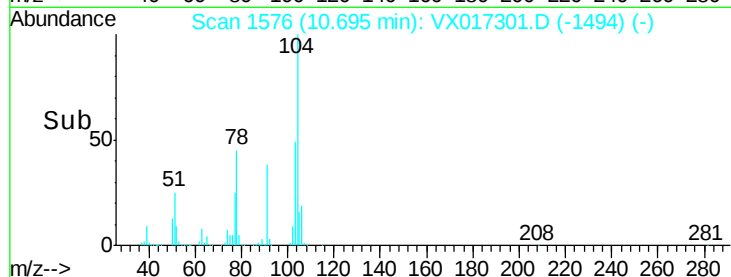
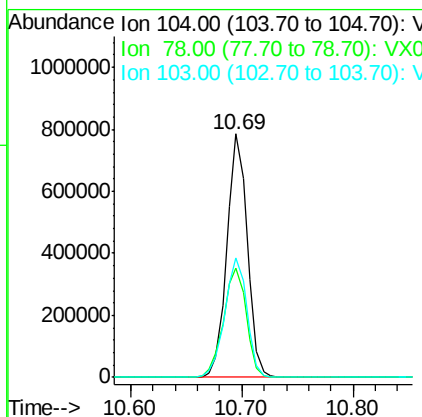
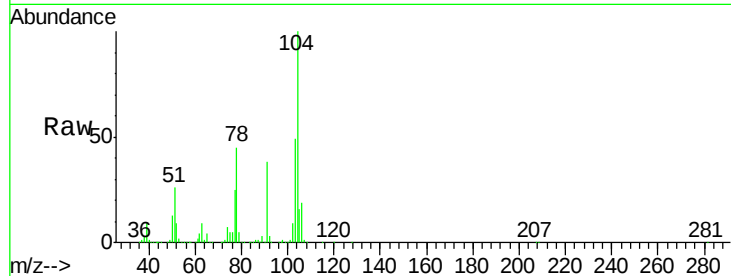
#69
Stvrene
Concen: 99.586 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.4	40.8	61.2
103	53.4	44.3	66.5

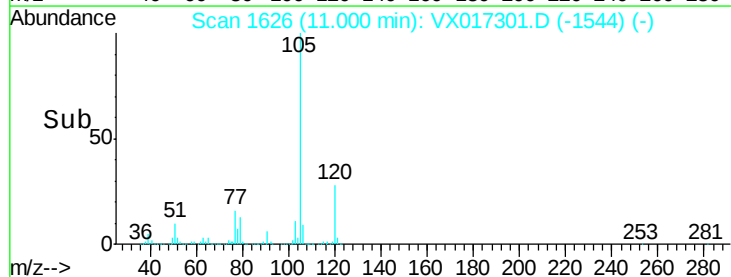
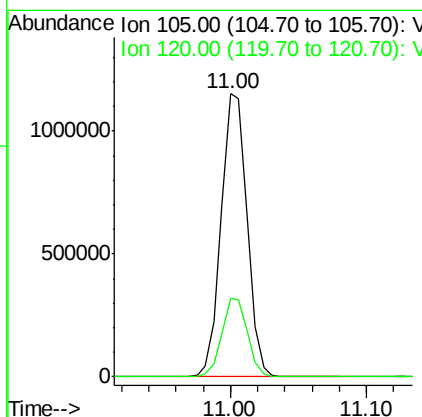
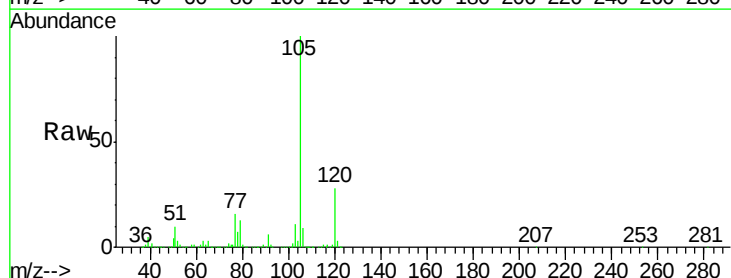
Manual Integrations
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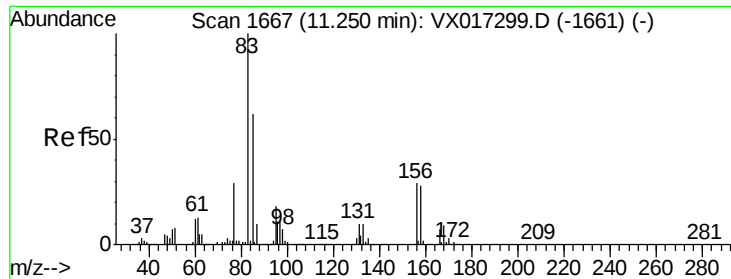
MMDadoda
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#70
Isopropylbenzene
Concen: 95.933 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	19.3	35.8





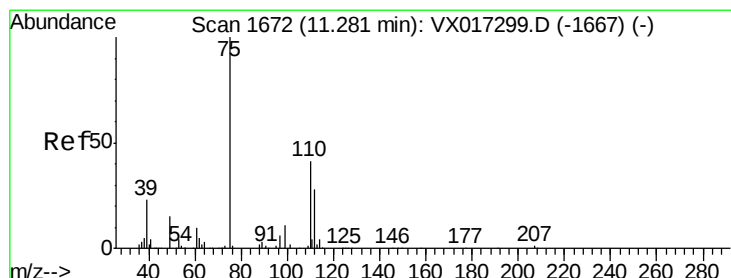
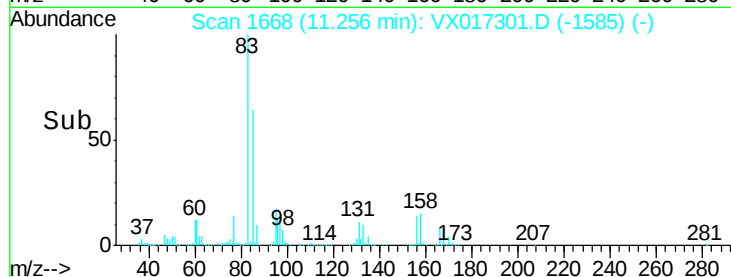
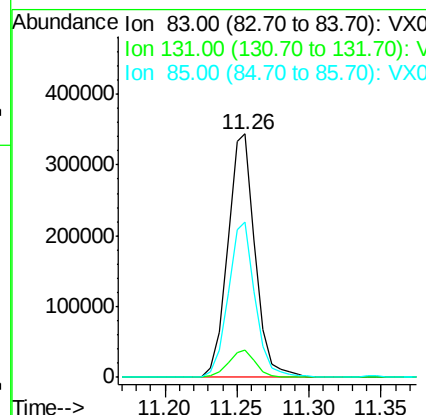
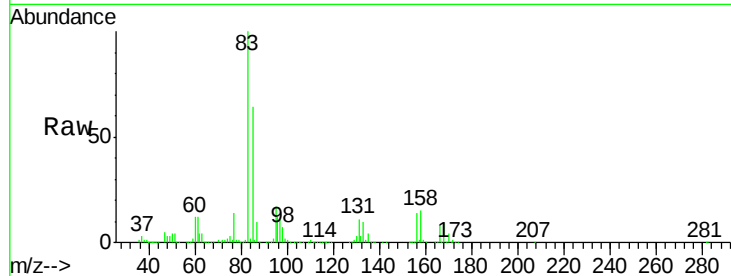
#71
 1,1,2,2-Tetrachloroethane
 Concen: 94.163 ug/l
 RT: 11.26 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: VX017301.D
 Acq: 09 Jul 2020 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	11.1	5.5	16.5	
85	63.0	31.5	94.5	

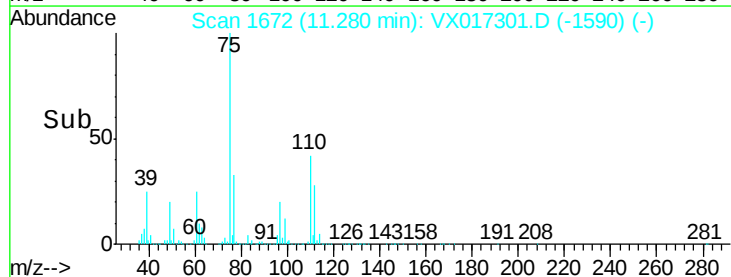
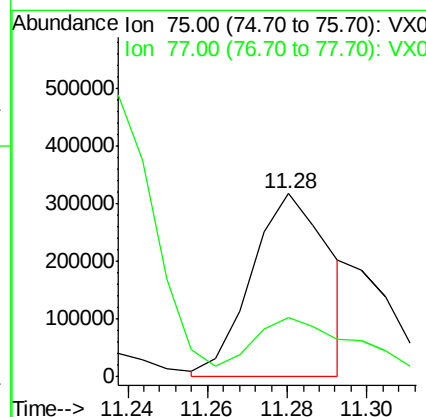
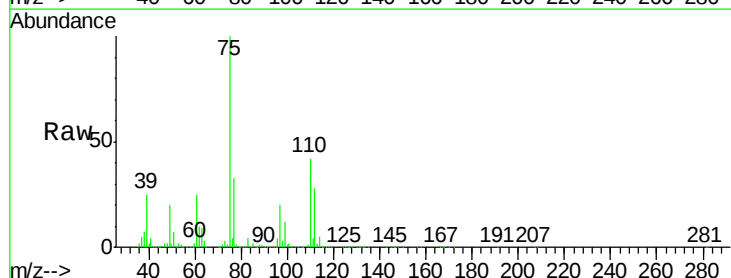
Manual Integrations
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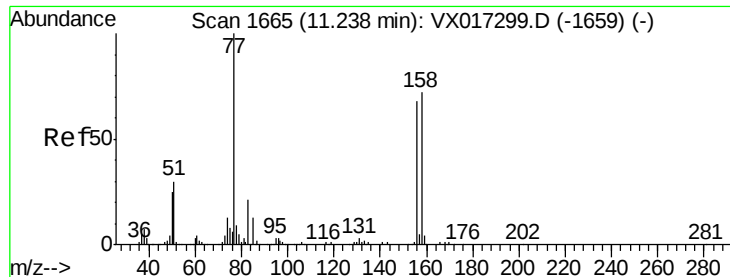
MMDadoda
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#72
 1,2,3-Trichloropropane
 Concen: 92.520 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX017301.D
 Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	43.1	0.0	72.2	





#73

Bromobenzene

Concen: 102.749 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

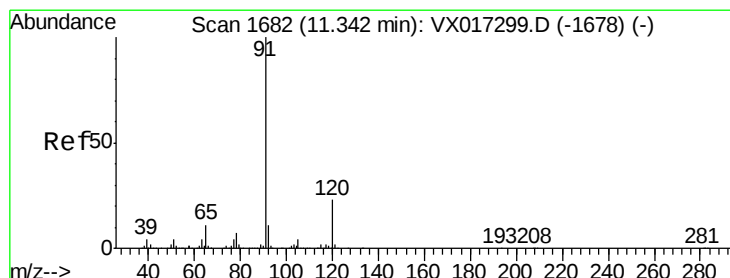
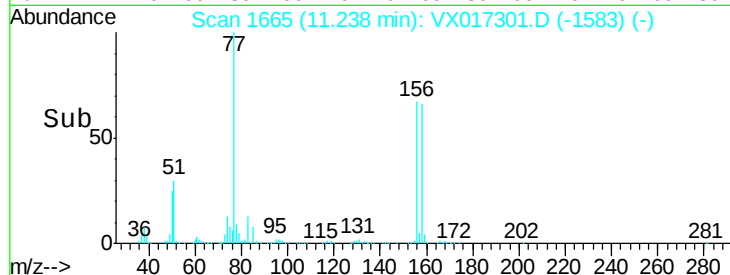
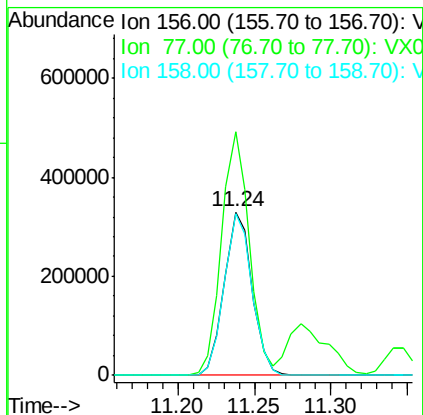
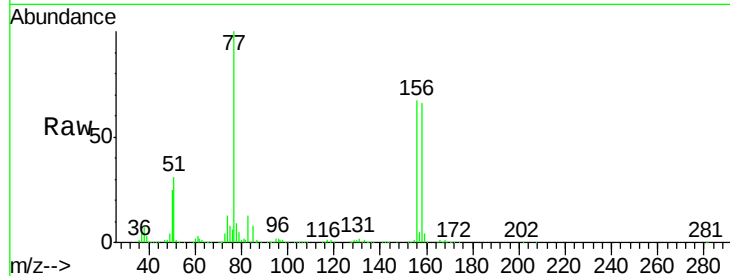
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	415545
Ion Ratio	Lower	Upper	
156	100		
77	148.7	0.0	299.2
158	98.8	0.0	199.0

Manual Integrations
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#74

n-propylbenzene

Concen: 94.738 ug/l

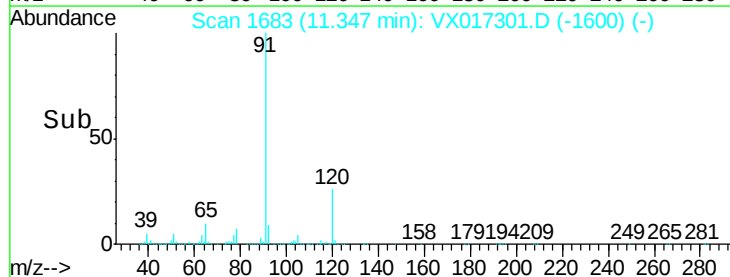
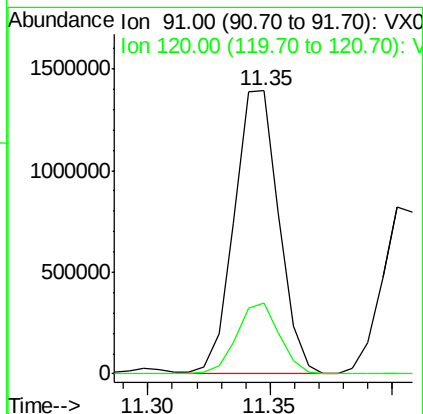
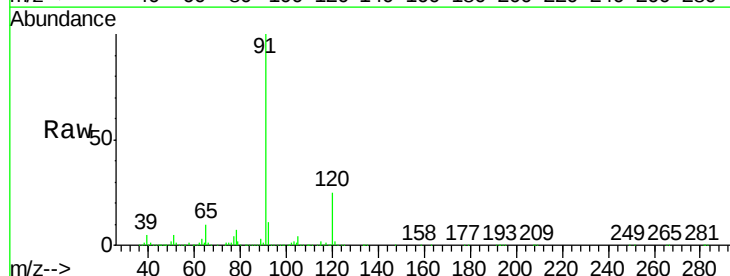
RT: 11.35 min Scan# 1683

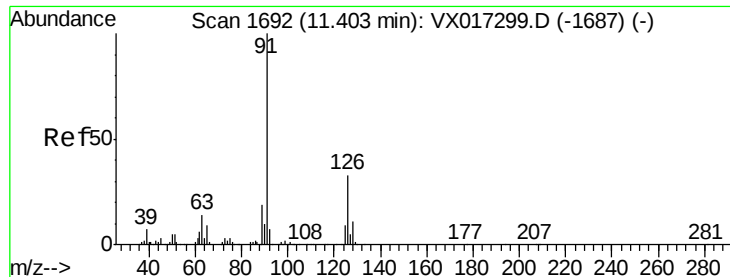
Delta R.T. 0.01 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Tgt Ion:	91	Resp:	1766196
Ion Ratio	Lower	Upper	
91	100		
120	24.0	0.0	48.4





#75

2-Chlorotoluene

Concen: 96.105 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1057532

Ion Ratio Lower Upper

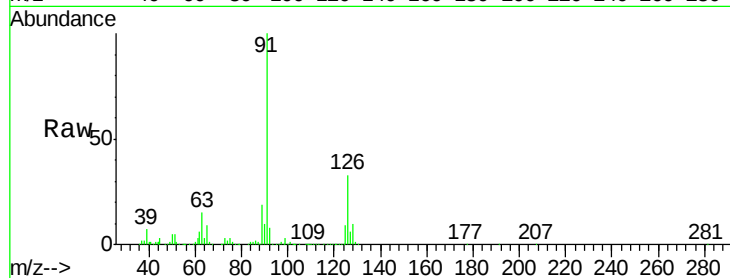
91 100

126 34.5 0.0 68.4

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX017299.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX017299.D (-1687) (-)

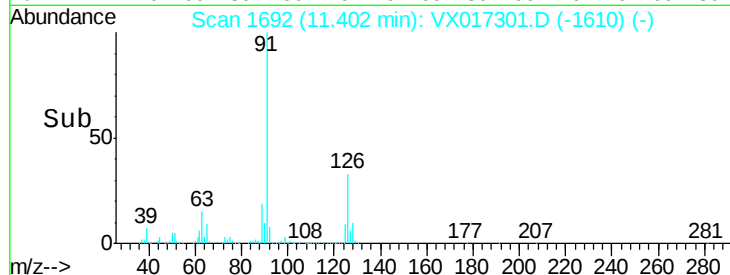
1500000

1000000

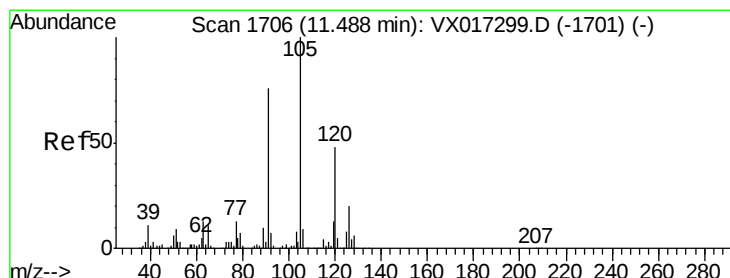
500000

0

11.35 11.40 11.45



Time-->



#76

1,3,5-Trimethylbenzene

Concen: 99.128 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX017301.D

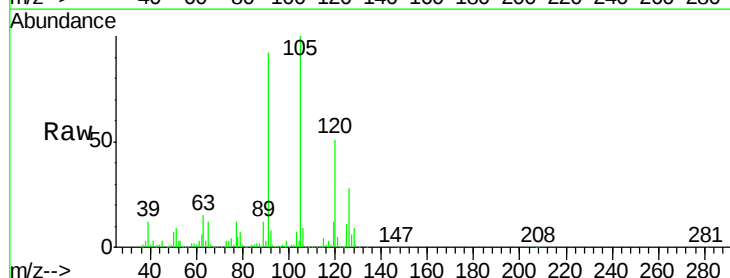
Acq: 09 Jul 2020 11:37

Tgt Ion: 105 Resp: 1319649

Ion Ratio Lower Upper

105 100

120 49.6 0.0 98.8



Abundance Ion 105.00 (104.70 to 105.70): VX017299.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX017299.D (-1701) (-)

1200000

1000000

800000

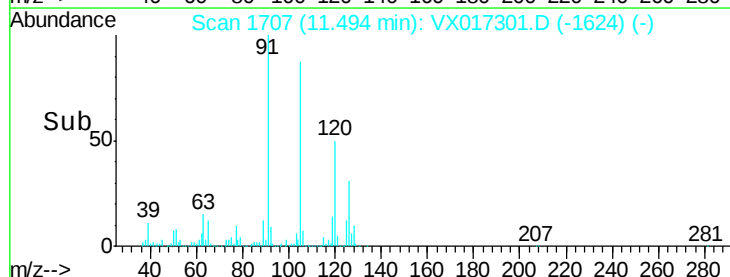
600000

400000

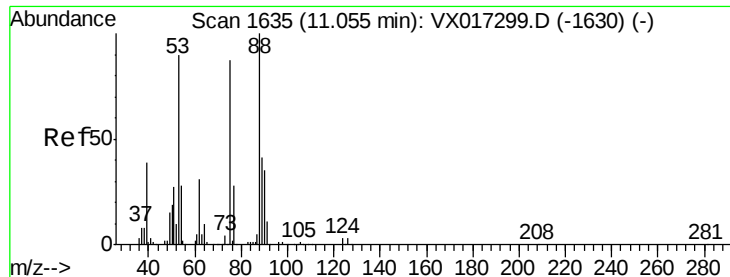
200000

0

11.45 11.50 11.55



Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 95.382 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 179658

Ion Ratio Lower Upper

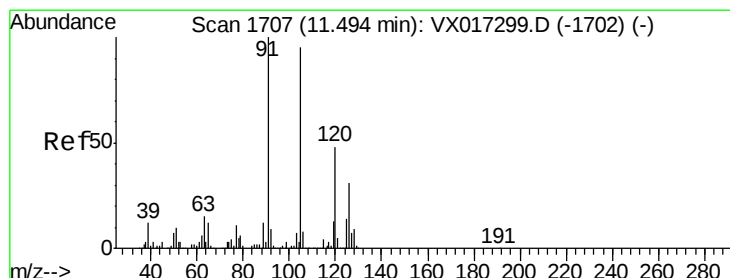
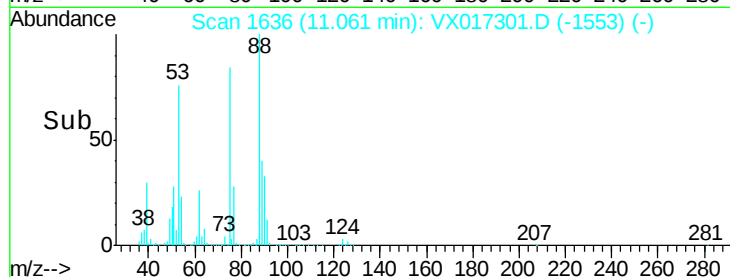
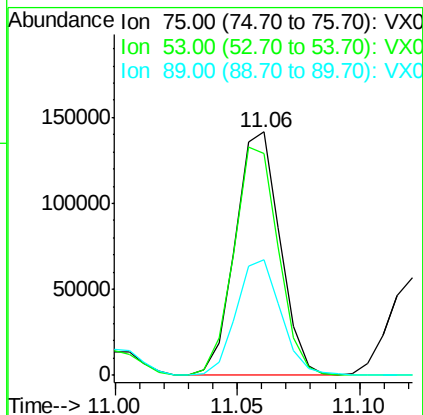
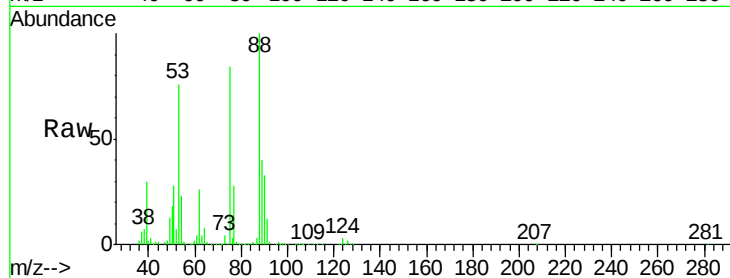
75 100

53 91.0 52.1 156.3

89 47.3 23.7 71.1

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:36:37 PM



#78

4-Chlorotoluene

Concen: 95.749 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017301.D

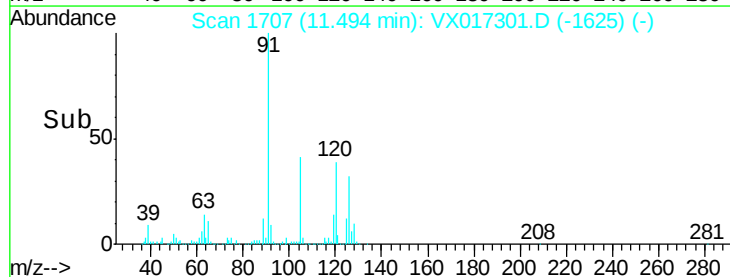
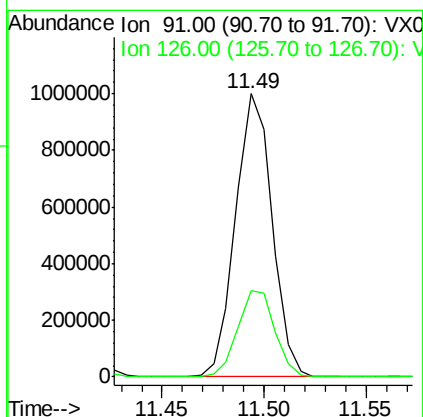
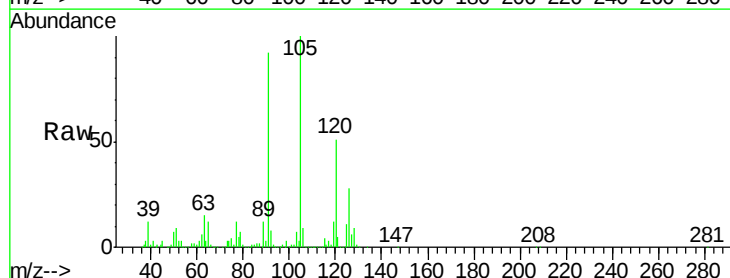
Acq: 09 Jul 2020 11:37

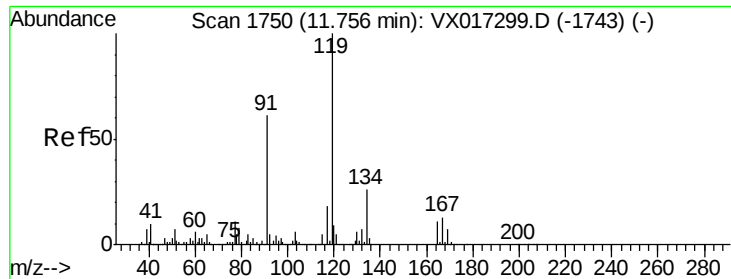
Tgt Ion: 91 Resp: 1245073

Ion Ratio Lower Upper

91 100

126 31.1 0.0 61.2





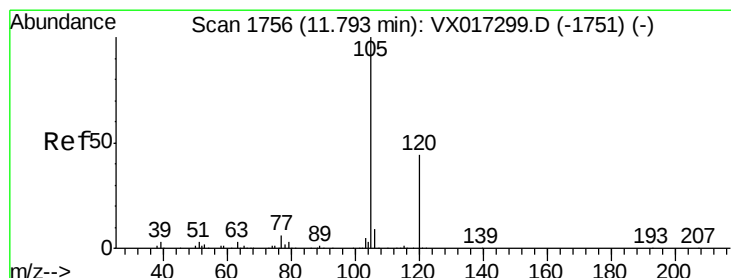
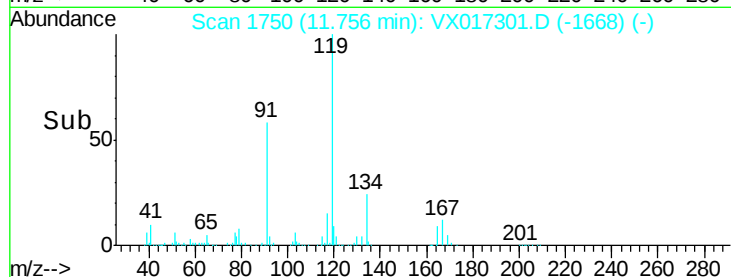
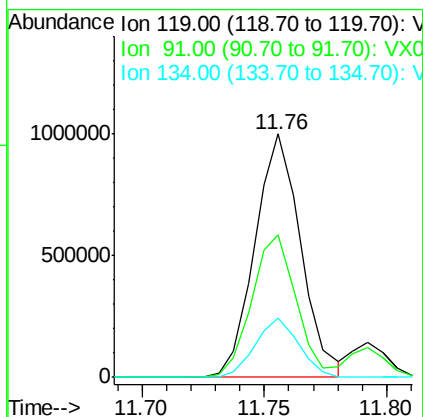
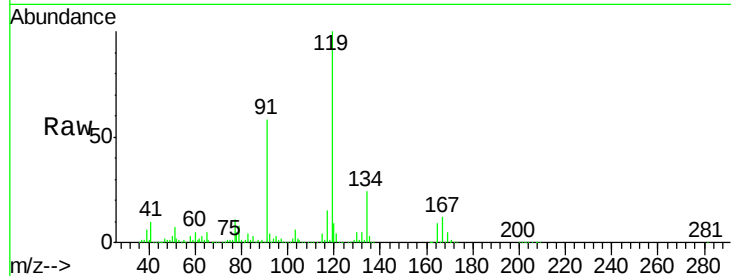
#79
tert-butylbenzene
Concen: 102.224 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.2	0.0	113.6
134	23.3	0.0	48.0

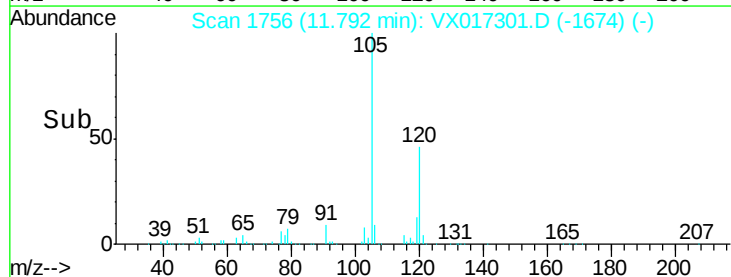
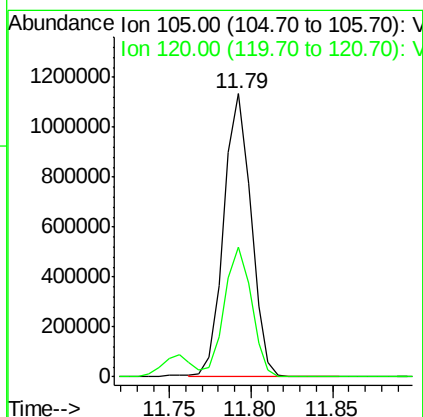
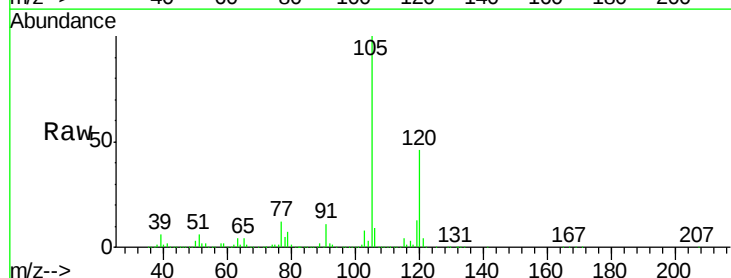
Manual Integrations
APPROVED

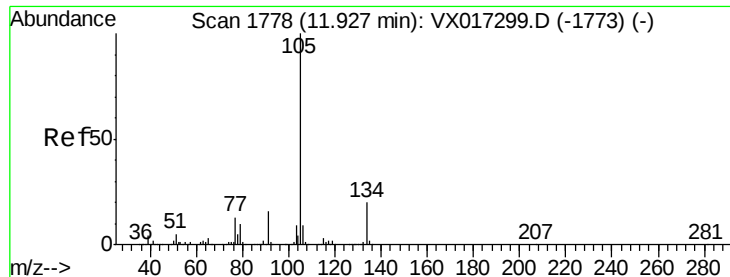
MMDadoda
7/10/2020 12:36:37 PM



#80
1,2,4-Trimethylbenzene
Concen: 99.135 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	0.0	93.6





#81

sec-Butylbenzene

Concen: 98.047 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1502591

Ion Ratio Lower Upper

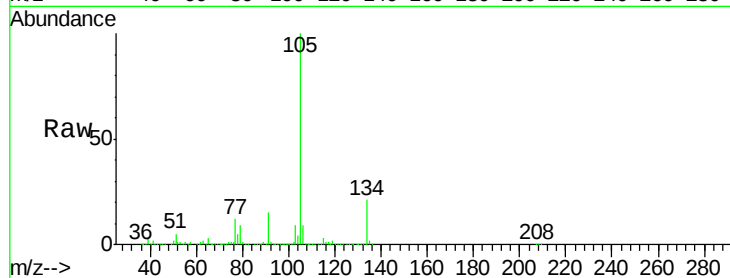
105 100

134 21.0 0.0 41.8

Manual Integrations
APPROVED

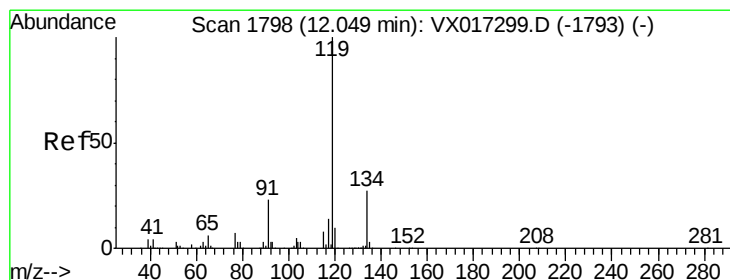
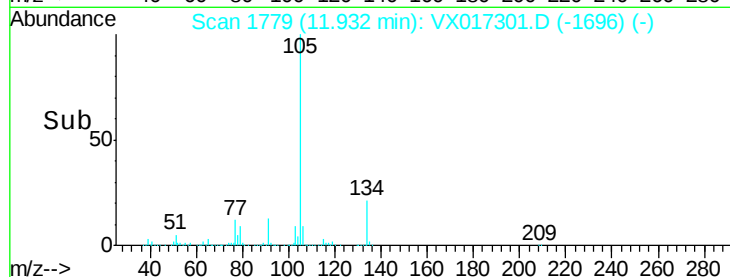
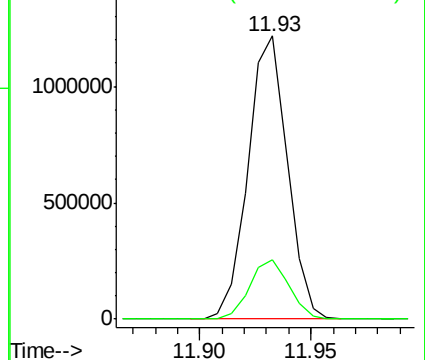
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 101.765 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017301.D

Acq: 09 Jul 2020 11:37

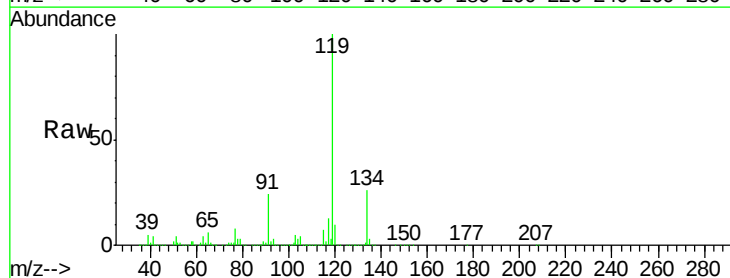
Tgt Ion:119 Resp: 1418567

Ion Ratio Lower Upper

119 100

134 26.1 0.0 53.6

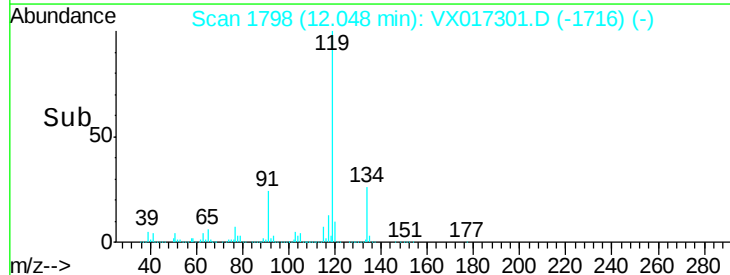
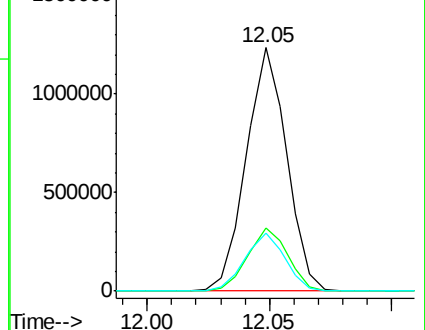
91 23.6 0.0 48.0

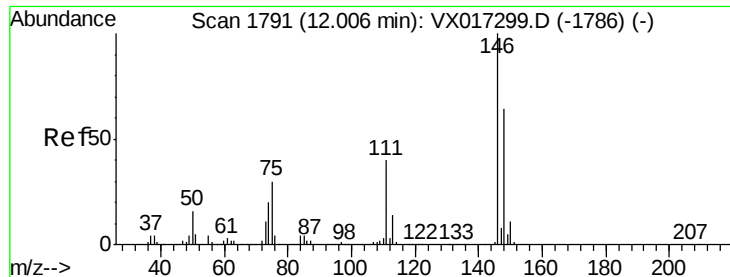


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





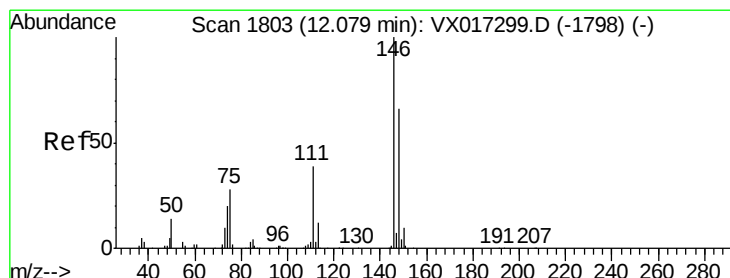
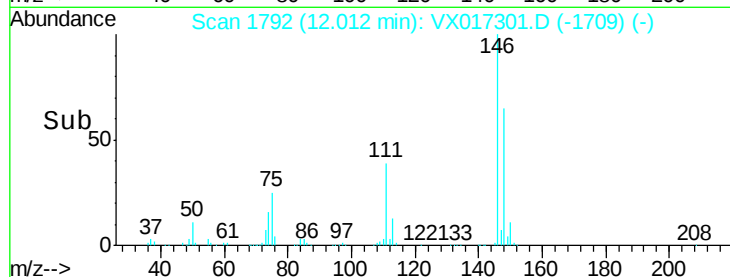
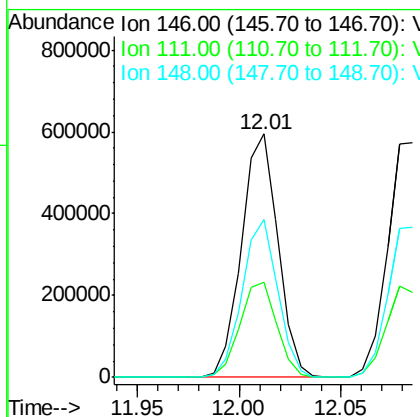
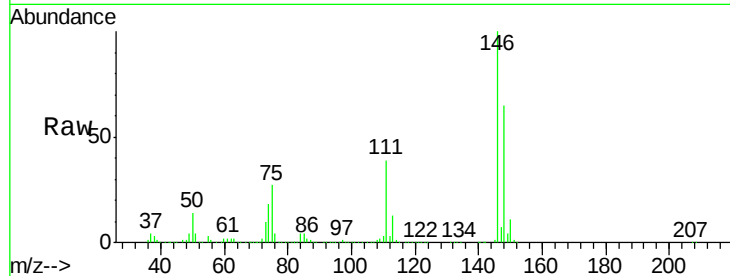
#83
1,3-Dichlorobenzene
Concen: 101.438 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	63.5	31.8	95.3

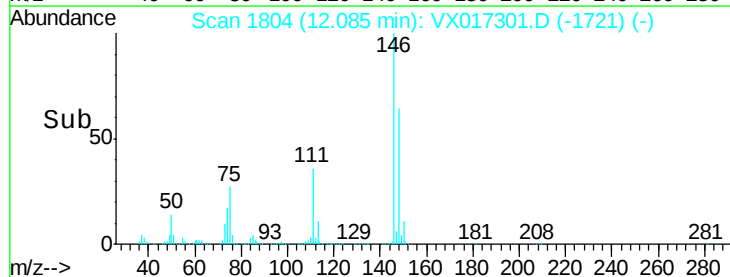
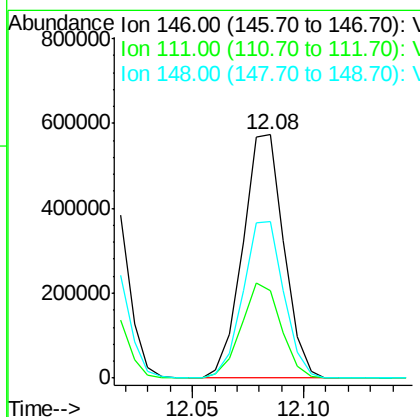
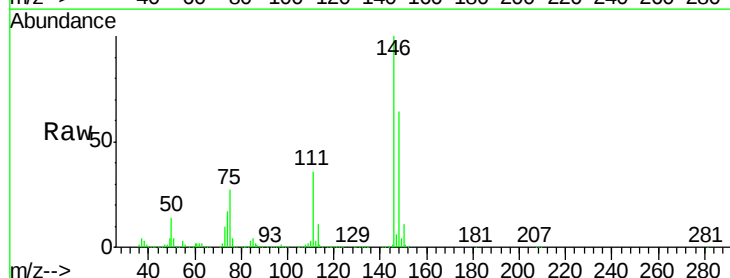
Manual Integrations
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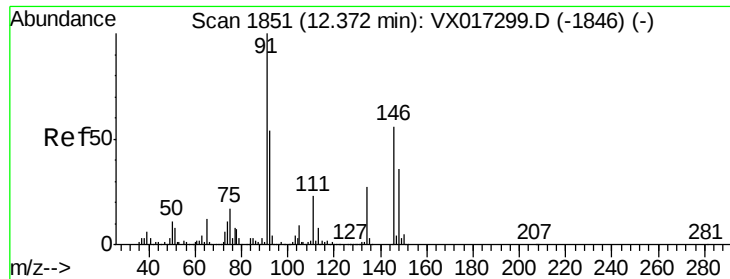
MMDadoda
7/10/2020 12:36:37 PM



#84
1,4-Dichlorobenzene
Concen: 101.300 ug/l
RT: 12.08 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.3
148	63.6	32.6	97.8





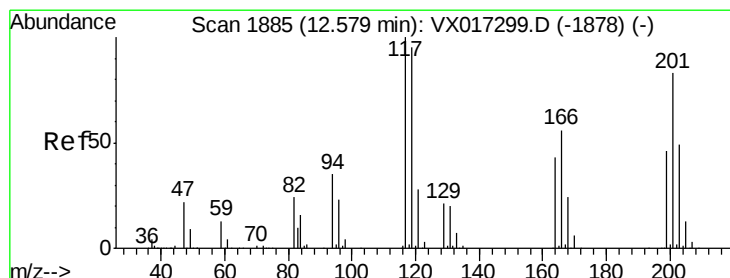
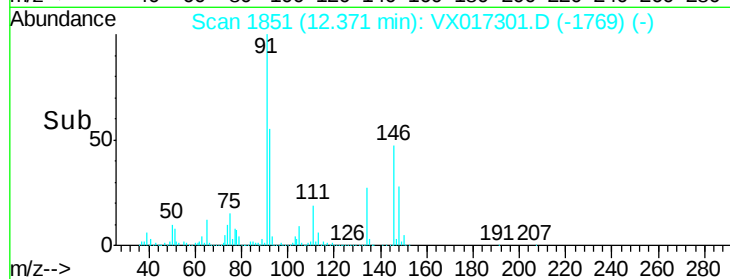
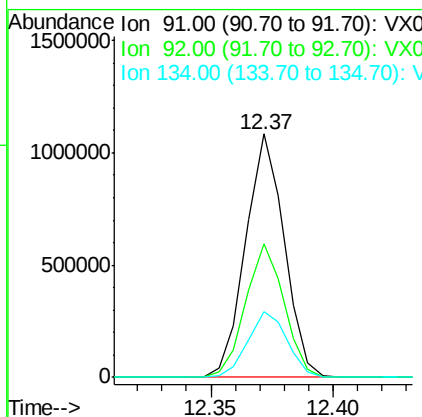
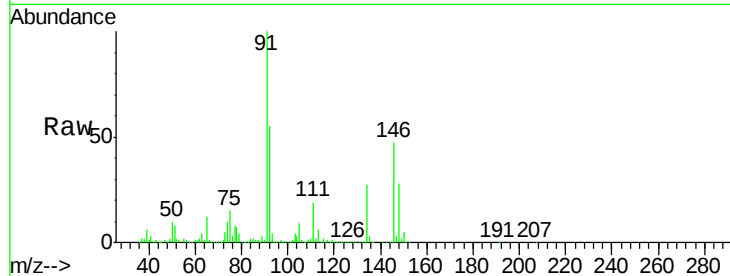
#85
n-Butylbenzene
Concen: 93.781 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	0.0	108.2
134	27.5	0.0	54.2

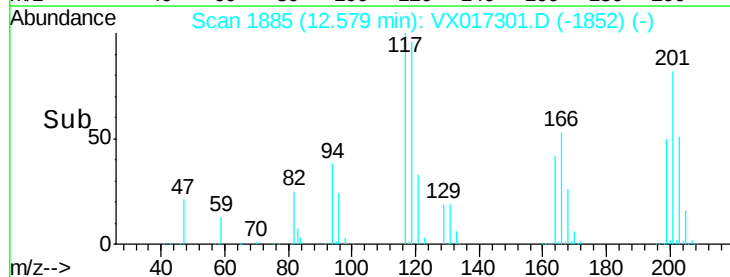
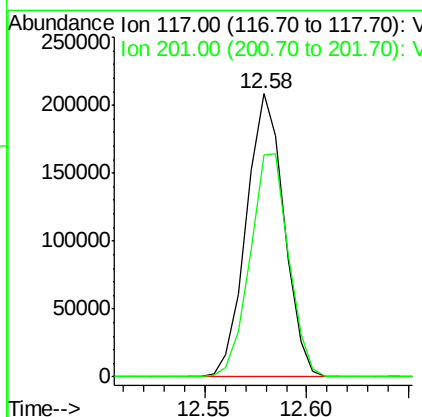
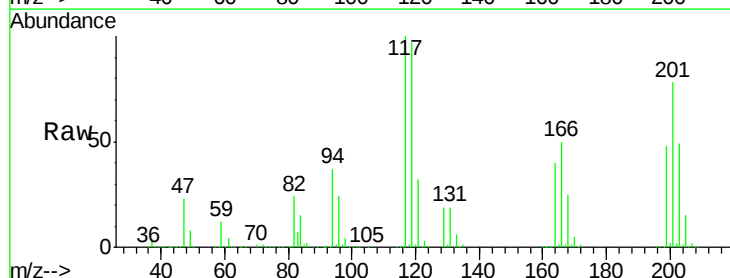
Manual Integrations
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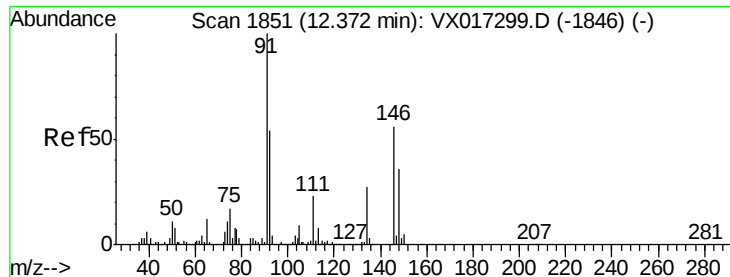
MMDadoda
7/10/2020 12:36:37 PM



#86
Hexachloroethane
Concen: 99.045 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.6	41.0	123.0





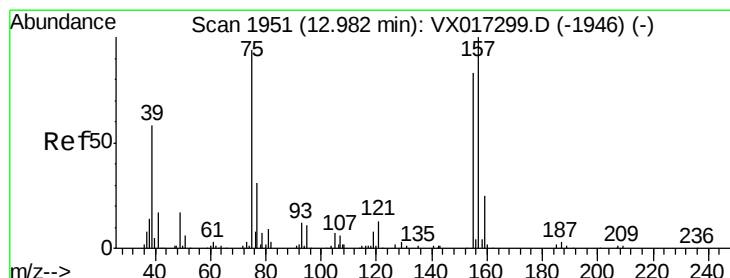
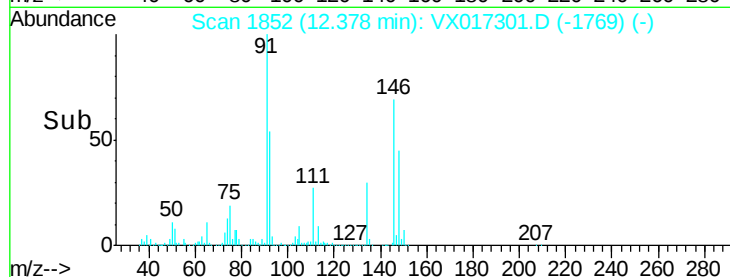
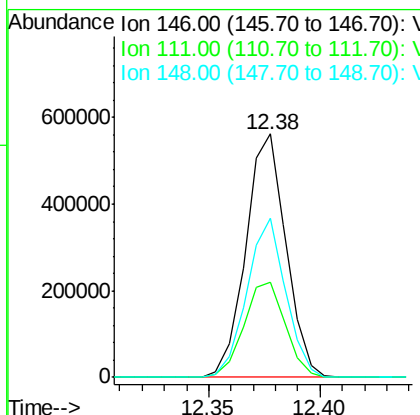
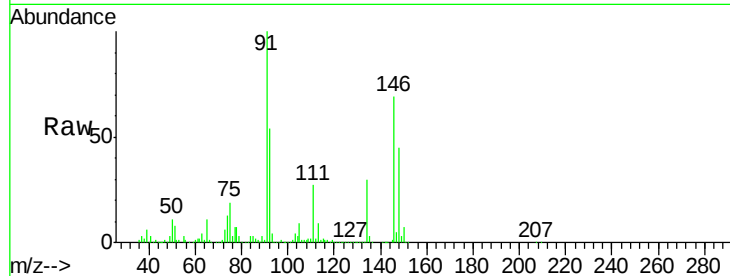
#87
 1,2-Dichlorobenzene
 Concen: 103.486 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX017301.D
 Acq: 09 Jul 2020 11:37

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	705477		
111	40.4		20.6	61.9
148	63.2		31.6	94.8

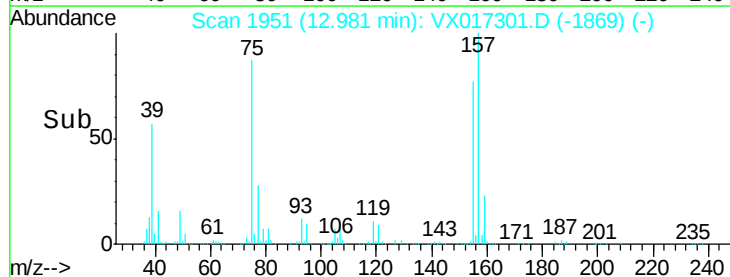
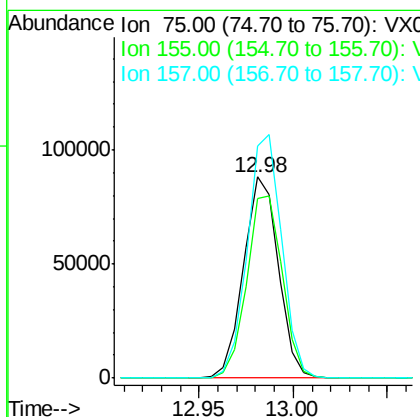
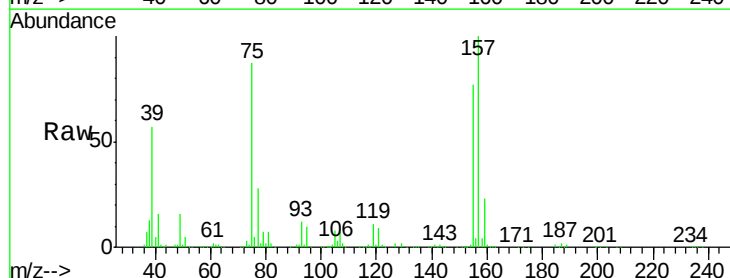
Manual Integrations
 APPROVED

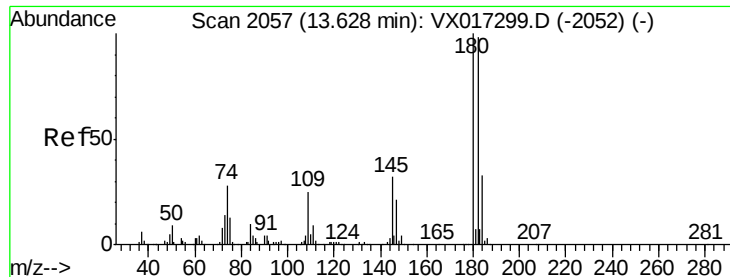
MMDadoda
 7/10/2020 12:36:37 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 101.617 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017301.D
 Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	113313		
155	92.4		73.4	110.0
157	119.5		90.5	135.7





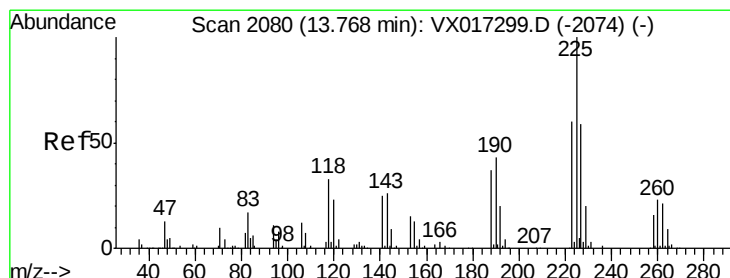
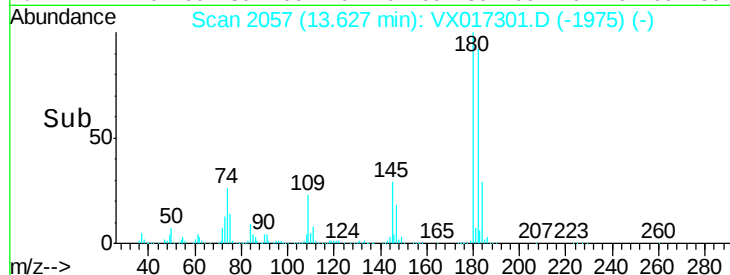
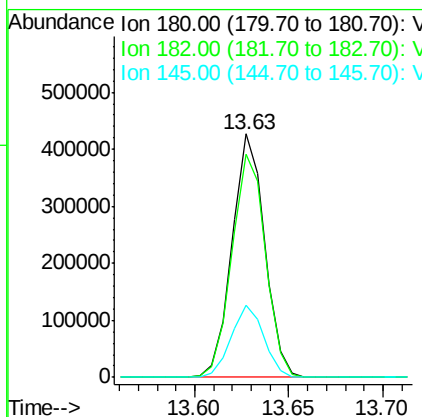
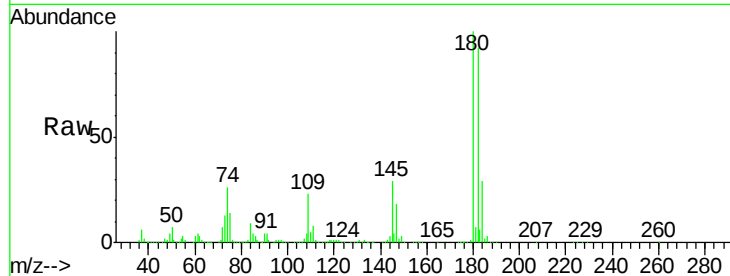
#89
1,2,4-Trichlorobenzene
Concen: 110.862 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.8	116.8
145	29.6	25.0	37.4

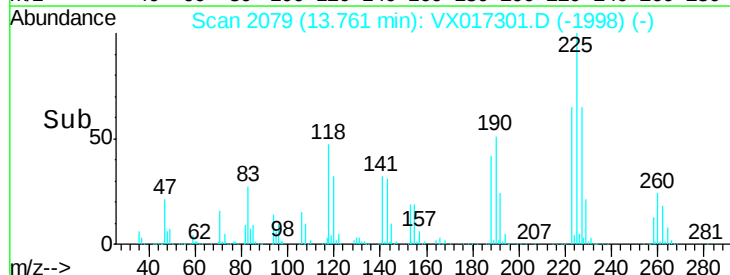
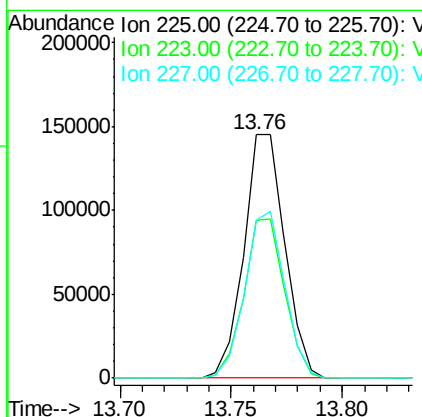
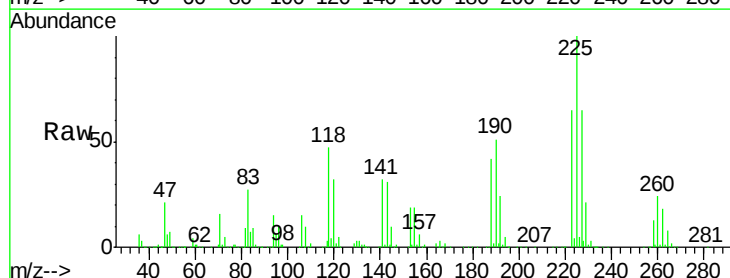
Manual Integrations
APPROVED

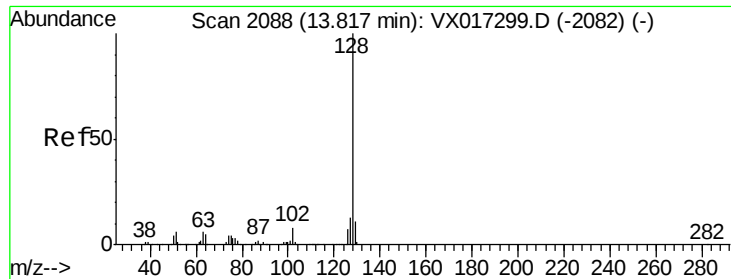
MMDadoda
7/10/2020 12:36:37 PM



#90
Hexachlorobutadiene
Concen: 104.532 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	0.0	129.0
227	66.4	0.0	124.4





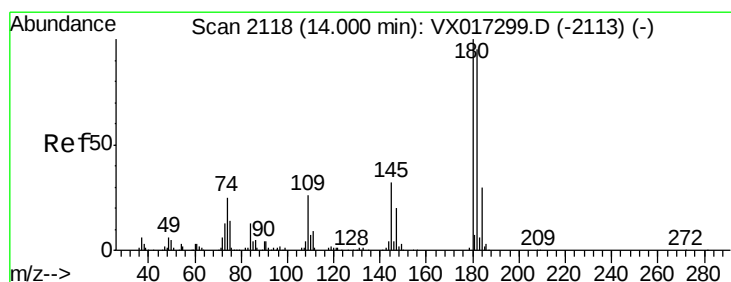
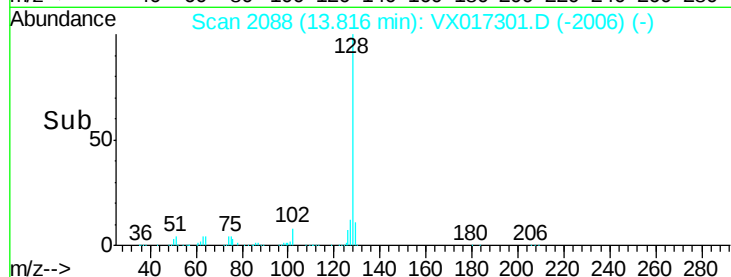
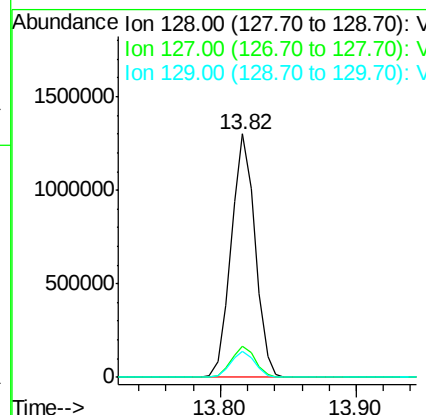
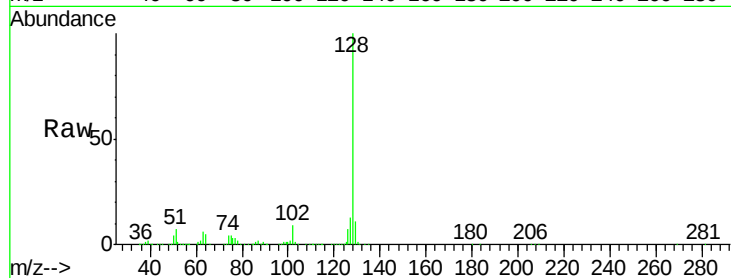
#91
Naphthalene
Concen: 106.156 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.9	9.0	13.4

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:36:37 PM



#92
1,2,3-Trichlorobenzene
Concen: 107.592 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017301.D
Acq: 09 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	0.0	185.6
145	33.1	0.0	63.0

