

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017308.D
 Acq On : 09 Jul 2020 15:26
 Operator : JC/SP
 Sample : VX0709WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0709WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:36:23 PM

Quant Time: Jul 10 06:47:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	52811	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	273182	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	257893	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	113267	29.84	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.47%
60) 4-Bromofluorobenzene	11.12	95	128010	29.10	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.00%
63) Toluene-d8	8.70	98	333096	30.53	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.77%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	45000	19.493	ug/l 96
3) Chloromethane	1.31	50	48021	19.525	ug/l 99
4) Vinyl Chloride	1.39	62	49794	19.649	ug/l 99
5) Bromomethane	1.64	94	33493	19.829	ug/l 96
6) Chloroethane	1.72	64	32308	19.281	ug/l 99
7) Trichlorofluoromethane	1.92	101	85862	19.073	ug/l 97
8) Diethyl Ether	2.17	74	30822	19.299	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49701	20.191	ug/l 98
10) 1,1-Dichloroethene	2.36	96	49121	20.241	ug/l 98
11) Methyl Iodide	2.50	142	48497	16.971	ug/l 99
12) Methyl Acetate	2.75	43	66520	19.672	ug/l 97
13) Acrolein	2.27	56	39369	90.031	ug/l 99
14) Acrylonitrile	3.12	53	146107	95.764	ug/l 99
15) Acetone	2.42	58	37438	97.298	ug/l 86
16) Carbon Disulfide	2.55	76	130045	19.756	ug/l 100
17) Allyl chloride	2.71	41	83740	18.548	ug/l 96
18) Methylene Chloride	2.84	84	56353	18.853	ug/l 93
19) trans-1,2-Dichloroethene	3.14	96	54093	19.064	ug/l 97
20) Diisopropyl ether	3.82	45	173549	19.227	ug/l 96
21) 1,1-Dichloroethane	3.67	63	96490	19.072	ug/l 95
22) cis-1,2-Dichloroethene	4.56	96	61676	19.052	ug/l 98
23) tert-Butyl Alcohol	3.01	59	59023	93.753	ug/l # 99
24) Methyl tert-Butyl Ether	3.17	73	176343	19.033	ug/l 100
25) Chloroform	5.18	83	102582	19.029	ug/l 96
26) Cyclohexane	5.55	56	77012	19.538	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	73171	19.423	ug/l 98
30) 2-Butanone	4.64	43	199957	97.041	ug/l 99
31) 2,2-Dichloropropane	4.55	77	88109	18.669	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	94287	19.224	ug/l 98
33) Carbon Tetrachloride	5.75	117	87119	19.262	ug/l 95
34) Benzene	6.12	78	216252	19.292	ug/l 96
35) Methacrylonitrile	5.01	41	45439	19.696	ug/l 98
36) 1,2-Dichloroethane	6.17	62	84370	19.112	ug/l 99
37) Trichloroethene	7.19	130	63382	18.799	ug/l 97
38) Methylcyclohexane	7.44	83	76770	19.339	ug/l 99
39) 1,2-Dichloropropane	7.49	63	55524	18.956	ug/l 99
40) Dibromomethane	7.63	93	39805	18.864	ug/l 98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 7/10/2020 12:36:23 PM

Quant Time: Jul 10 06:47:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	82542	18.743	ug/l	97
42) Vinyl Acetate	3.79	43	748622	95.069	ug/l	100
43) Ethyl Acetate	4.80	43	74639	18.415	ug/l	98
44) Isopropyl Acetate	6.42	43	124058	18.396	ug/l	98
45) 1,4-Dioxane	7.71	88	23835	370.801	ug/l	96
46) Methyl methacrylate	7.75	41	60856	18.525	ug/l	96
47) n-amyl Acetate	10.88	43	109137	18.277	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	88655	18.236	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	95501	18.773	ug/l	95
50) 1,1,2-Trichloroethane	9.20	97	58370	18.672	ug/l	99
51) Ethyl methacrylate	9.16	69	82591	18.133	ug/l	95
52) 1,3-Dichloropropane	9.35	76	96709	18.992	ug/l	99
53) Dibromochloromethane	9.57	129	69365	18.177	ug/l	97
54) 1,2-Dibromoethane	9.65	107	61812	18.493	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	229585	105.105	ug/l	99
56) Bromoform	10.84	173	52818	17.743	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	400712	98.061	ug/l	99
59) 2-Hexanone	9.47	43	299915	96.279	ug/l	98
61) Tetrachloroethene	9.32	164	64907	19.757	ug/l	98
62) Toluene	8.76	91	235635	19.300	ug/l	100
64) Chlorobenzene	10.12	112	151978	18.658	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	62673	18.832	ug/l	97
66) Ethyl Benzene	10.24	91	256902	18.699	ug/l	100
67) m/p-Xylenes	10.34	106	201910	38.041	ug/l	98
68) o-Xylene	10.68	106	93834	18.604	ug/l	100
69) Styrene	10.70	104	166863	18.654	ug/l	98
70) Isopropylbenzene	11.00	105	265173	19.165	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.25	83	83289	19.195	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	82092m	19.260	ug/l	
73) Bromobenzene	11.24	156	72388	18.622	ug/l	98
74) n-propylbenzene	11.34	91	302138	18.851	ug/l	99
75) 2-Chlorotoluene	11.40	91	182316	18.659	ug/l	97
76) 1,3,5-Trimethylbenzene	11.49	105	223091	18.794	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	29911	18.404	ug/l	92
78) 4-Chlorotoluene	11.49	91	216513	18.692	ug/l	100
79) tert-butylbenzene	11.76	119	214472	18.620	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	226580	18.920	ug/l	99
81) sec-Butylbenzene	11.93	105	250064	18.835	ug/l	100
82) p-Isopropyltoluene	12.05	119	238300	18.982	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	131602	18.812	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	130302	18.408	ug/l	99
85) n-Butylbenzene	12.37	91	193818	18.271	ug/l	99
86) Hexachloroethane	12.58	117	45935	18.914	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	125091	18.699	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	20402	19.406	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	82154	18.107	ug/l	98
90) Hexachlorobutadiene	13.76	225	33186	18.234	ug/l	98
91) Naphthalene	13.82	128	257154	18.487	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	82891	18.369	ug/l	98

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MSVOA_X
ClientSampleId :
VX0709WBSD01

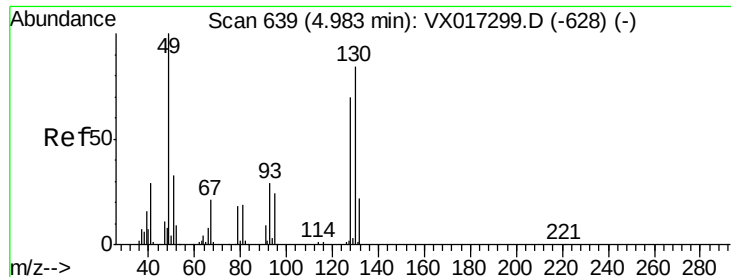
Manual Integrations
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Quant Time: Jul 10 06:47:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 09 12:25:06 2020
Response via : Initial Calibration

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

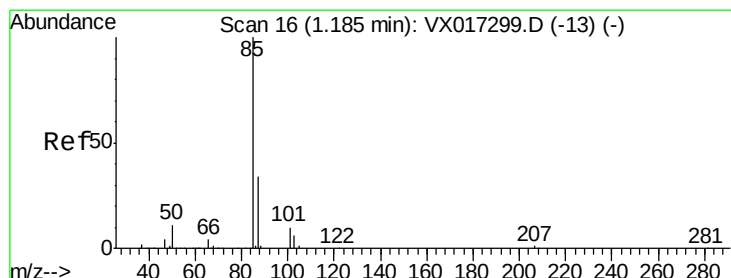
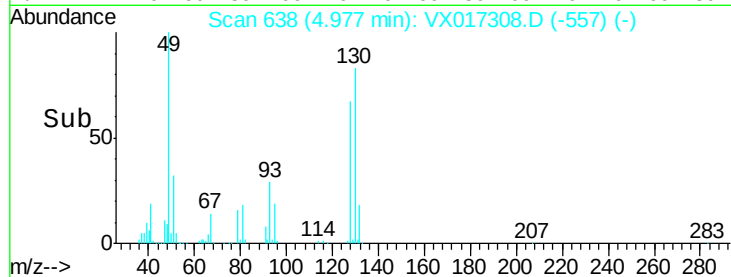
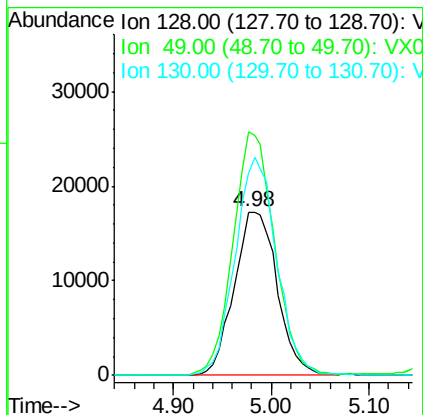
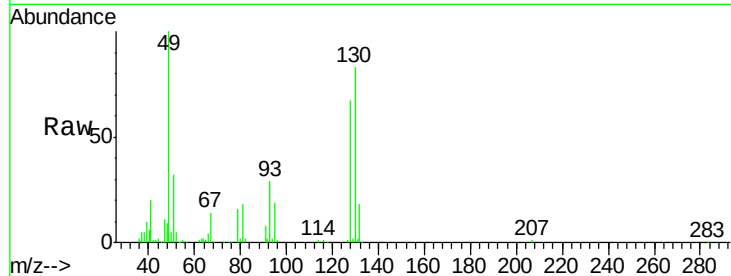
ClientSampled :

VX0709WBSD01

Tot Ion:	128	Resp:	52811
Ion	Ratio	Lower	Upper
128	100		
49	144.0	0.0	358.8
130	128.2	0.0	323.8

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#2

Dichlorodifluoromethane

Concen: 19.493 ug/l

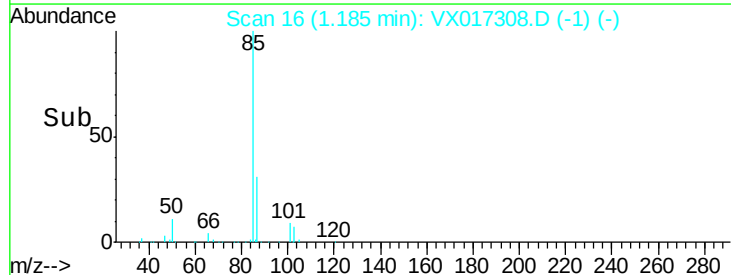
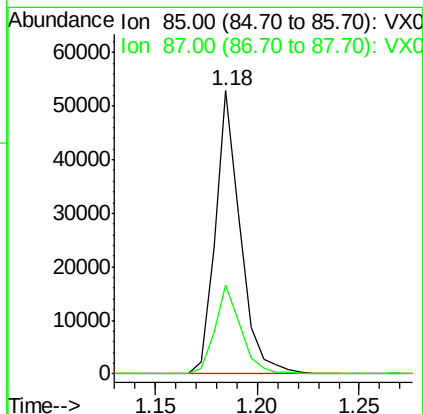
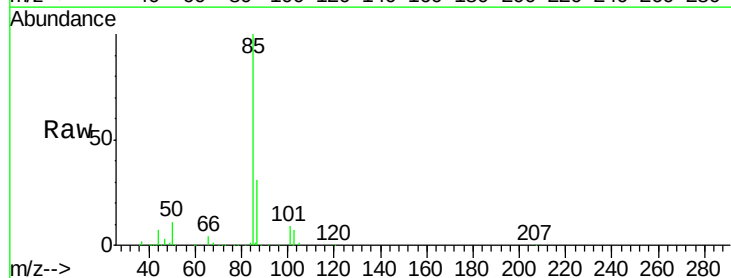
RT: 1.18 min Scan# 16

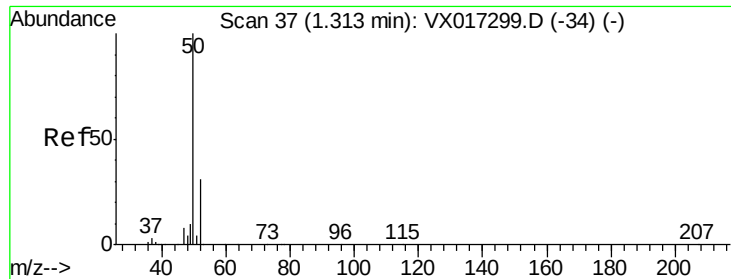
Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Tgt Ion:	85	Resp:	45000
Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.9	50.6





#3

Chloromethane

Concen: 19.525 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

Tot Ion: 50 Resp: 48021

Ion Ratio Lower Upper

50 100

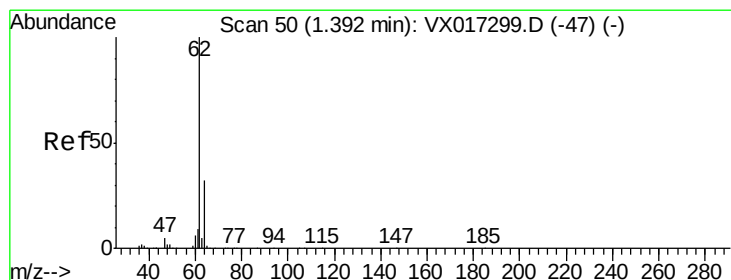
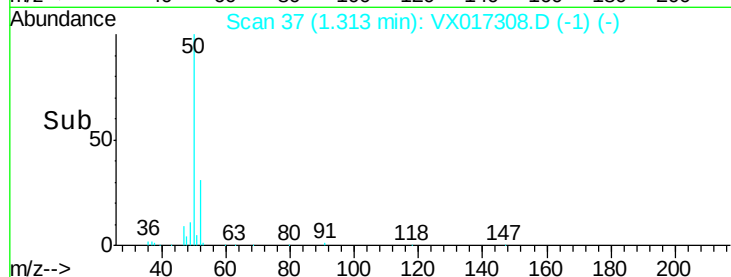
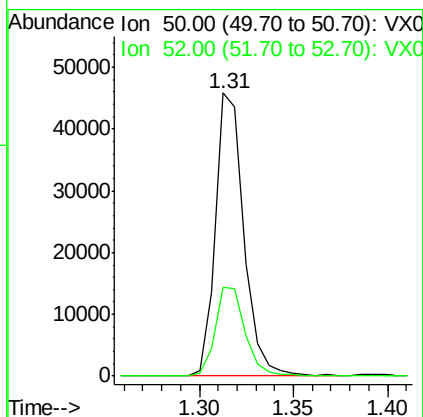
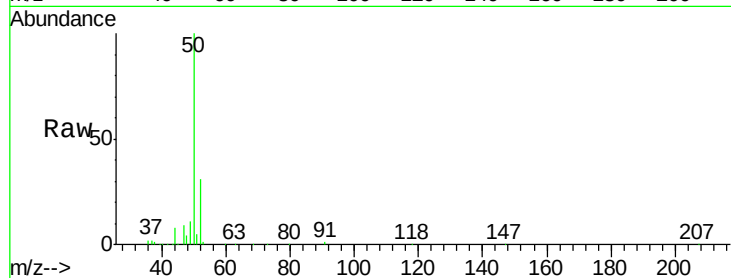
52 31.3 24.8 37.2

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#4

Vinyl Chloride

Concen: 19.649 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017308.D

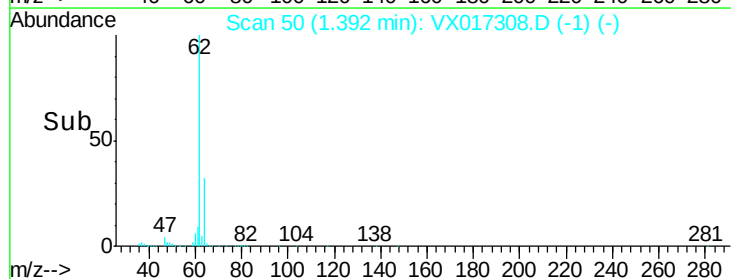
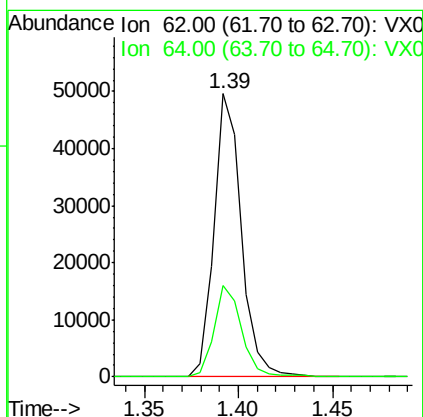
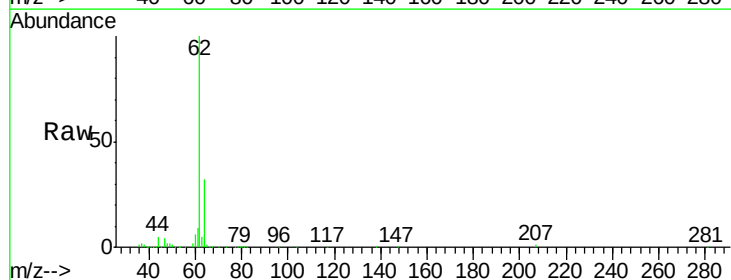
Acq: 09 Jul 2020 15:26

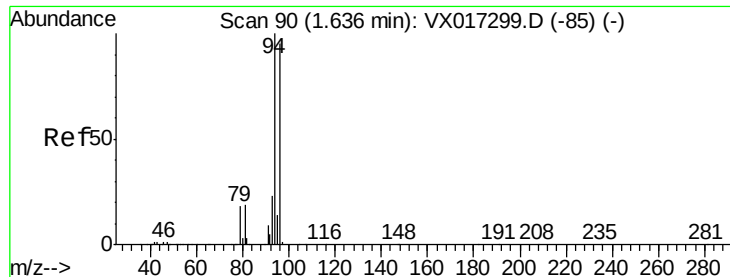
Tgt Ion: 62 Resp: 49794

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9





#5

Bromomethane

Concen: 19.829 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

Tot Ion: 94 Resp: 33493

Ion Ratio Lower Upper

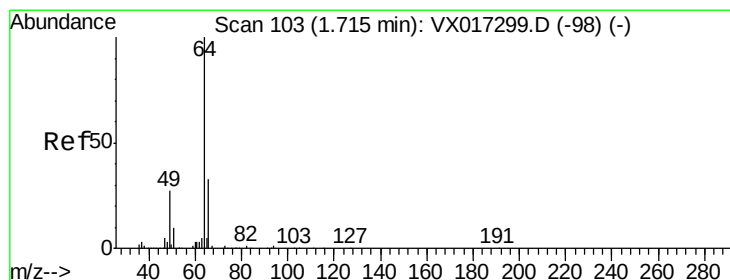
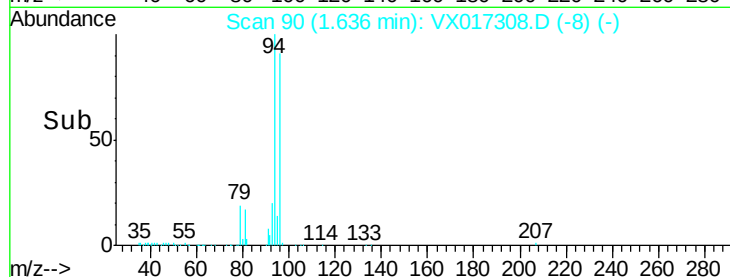
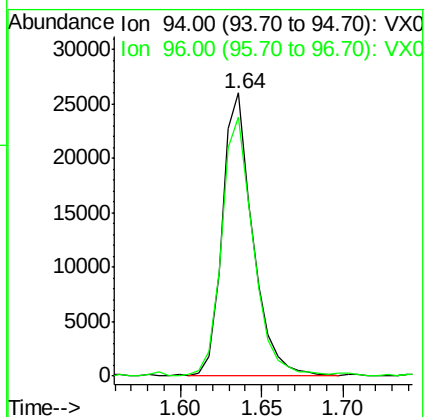
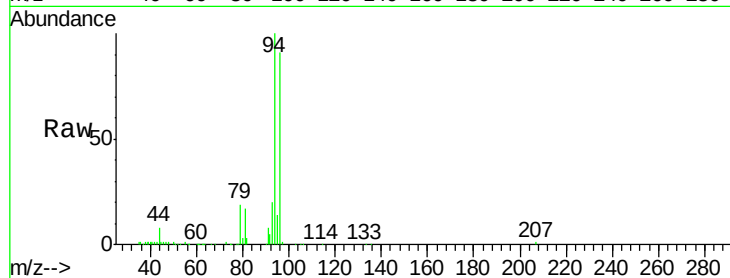
94 100

96 91.1 75.7 113.5

Manual Integrations
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#6

Chloroethane

Concen: 19.281 ug/l

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017308.D

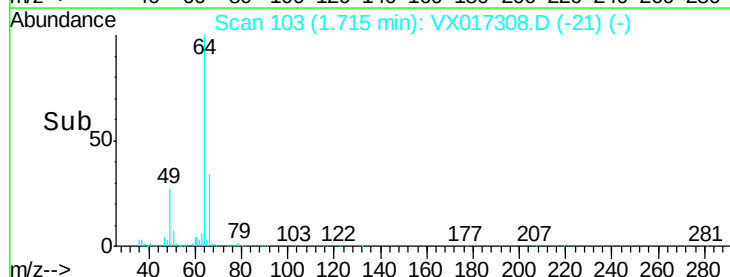
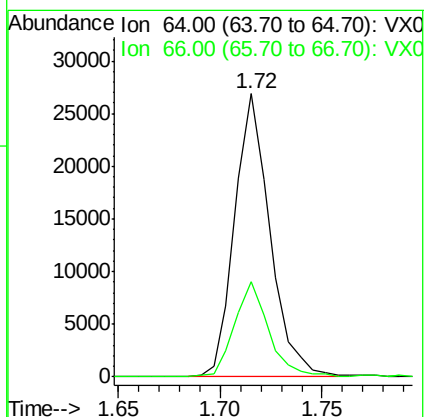
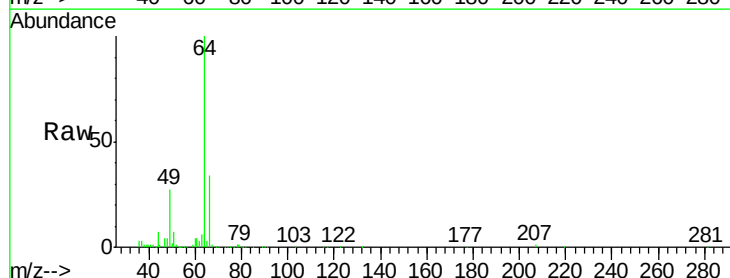
Acq: 09 Jul 2020 15:26

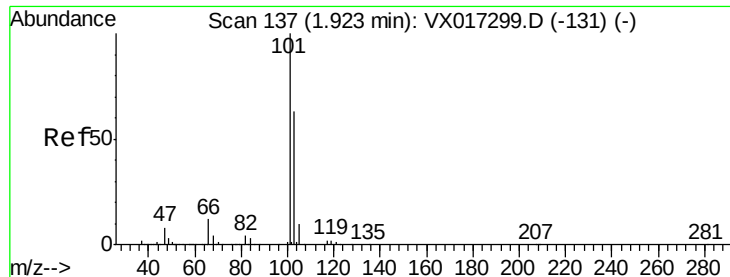
Tgt Ion: 64 Resp: 32308

Ion Ratio Lower Upper

64 100

66 33.3 26.1 39.1





#7

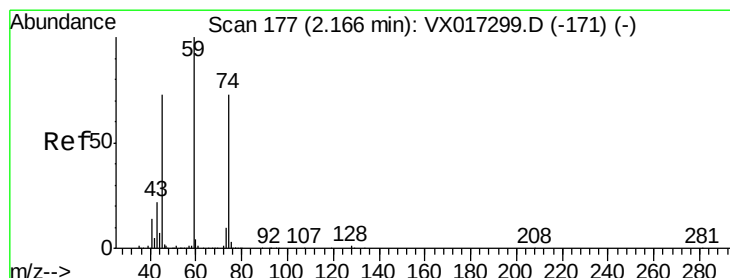
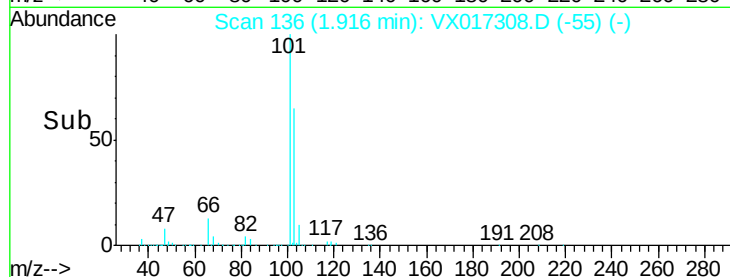
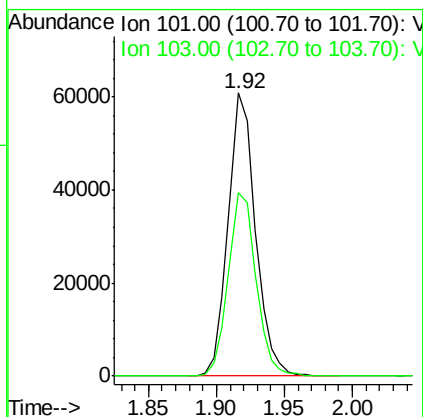
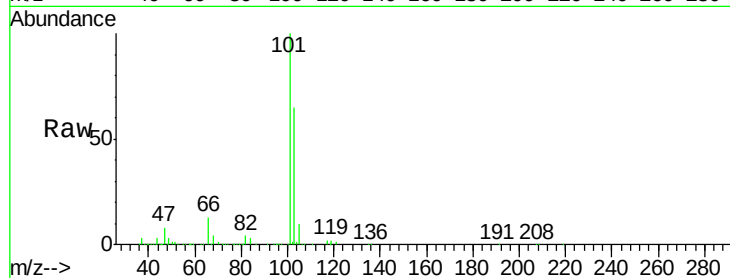
Trichlorofluoromethane
Concen: 19.073 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Instrument :
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ClientSampleId :
VX0709WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.1	75.1

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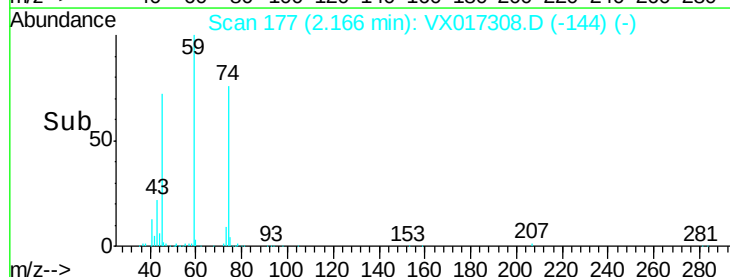
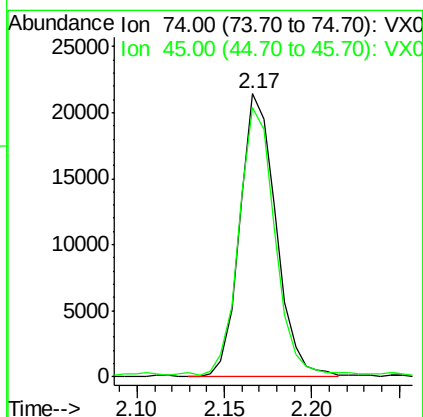
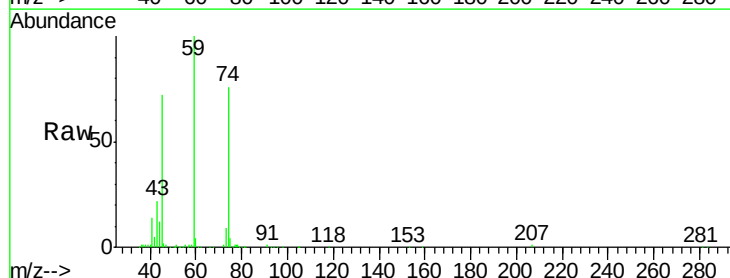
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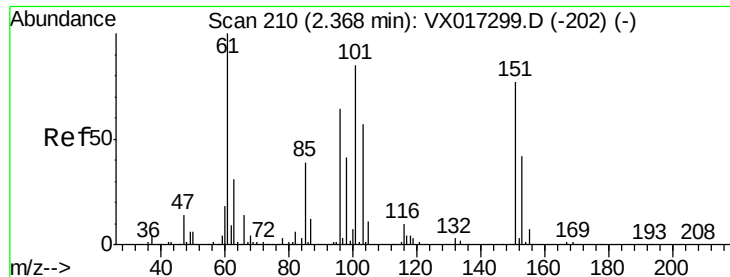


#8

Diethyl Ether
Concen: 19.299 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	18.9	170.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.191 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

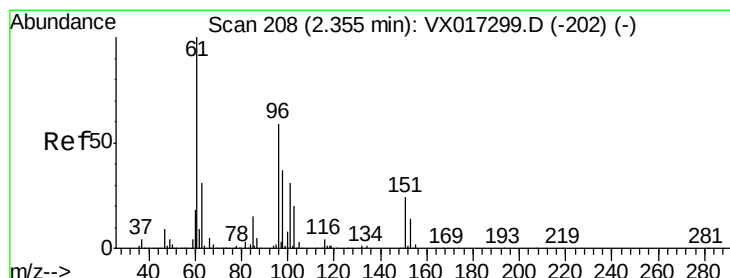
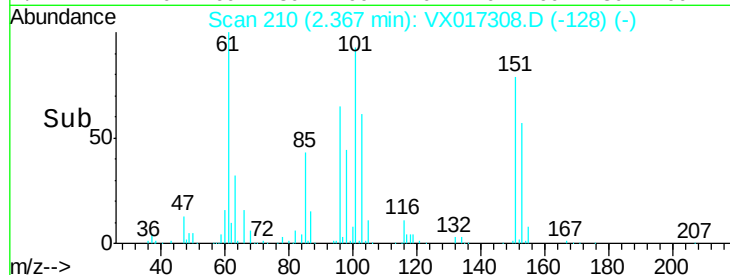
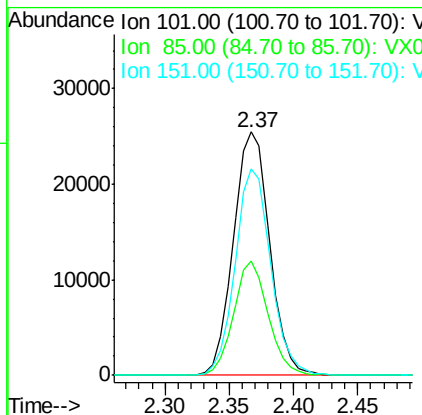
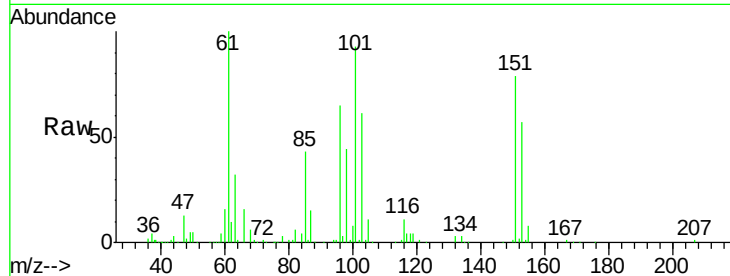
ClientSampleId :

VX0709WBSD01

Tot Ion:	101	Resp:	49701
Ion Ratio	Lower	Upper	
101	100		
85	44.8	0.0	87.8
151	83.2	0.0	170.2

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 20.241 ug/l

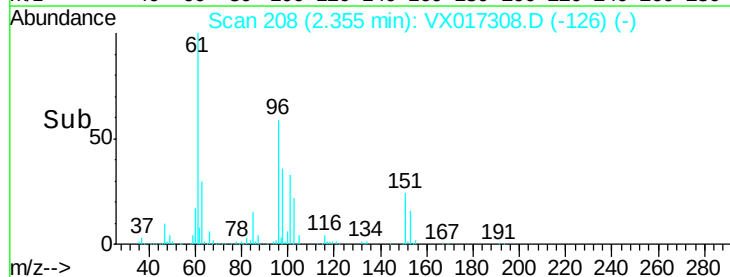
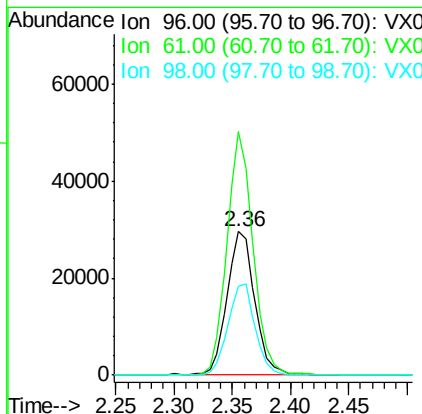
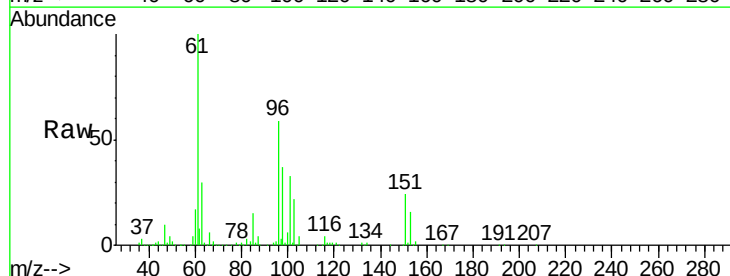
RT: 2.36 min Scan# 208

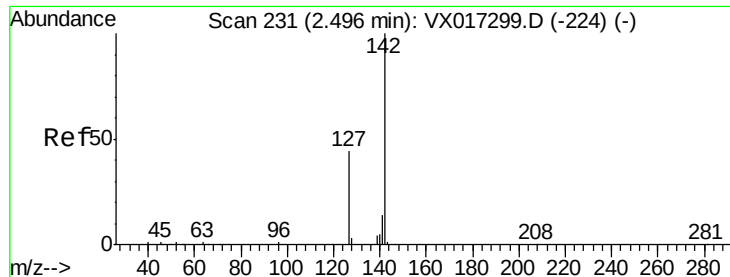
Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Tgt Ion:	96	Resp:	49121
Ion Ratio	Lower	Upper	
96	100		
61	169.4	137.0	205.4
98	61.9	51.1	76.7





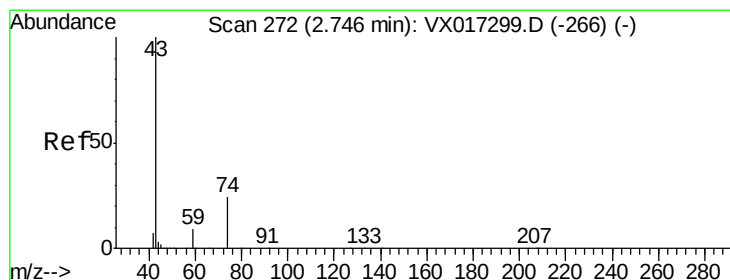
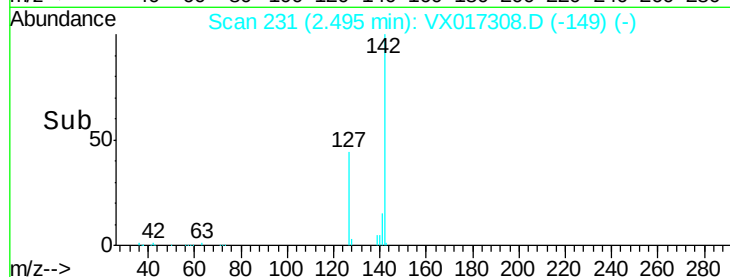
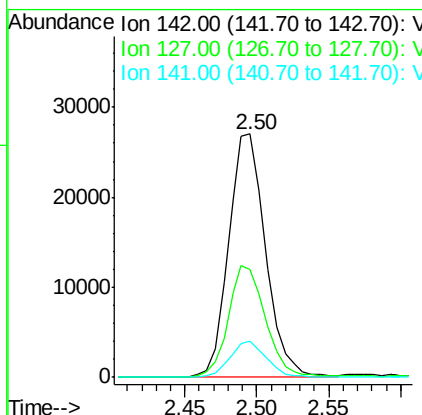
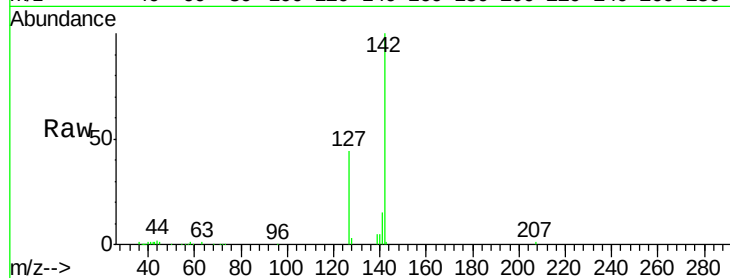
#11
Methvl Iodide
Concen: 16.971 ug/l
RT: 2.50 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.2	21.9	65.7
141	14.9	7.0	21.1

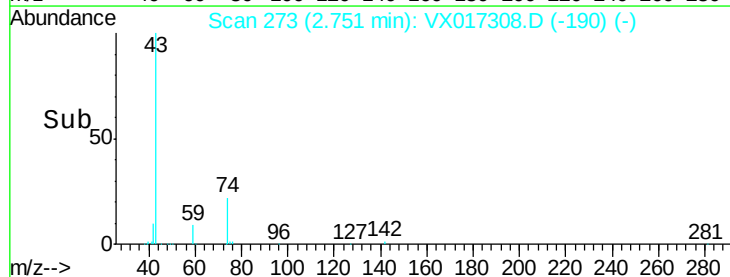
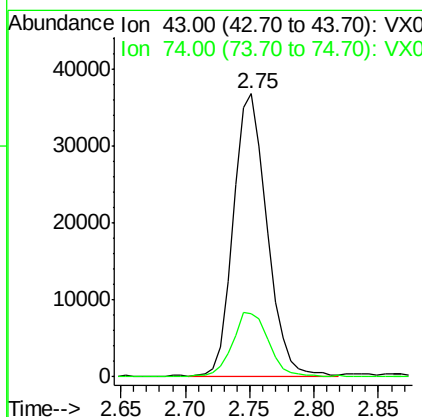
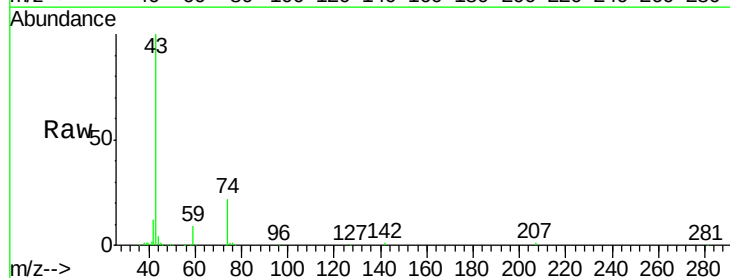
Manual Integrations
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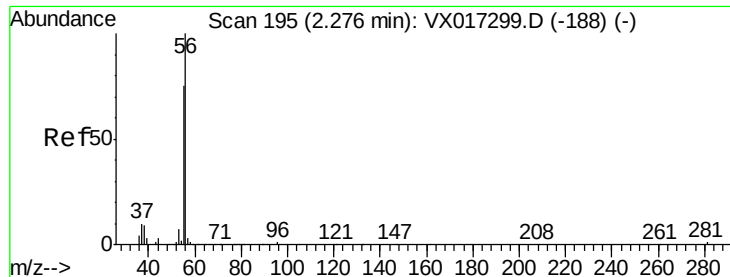
MMDadoda
7/10/2020 12:36:23 PM



#12
Methyl Acetate
Concen: 19.672 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	18.8	28.2





#13

Acrolein

Concen: 90.031 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

Tot Ion: 56 Resp: 39369

Ion Ratio Lower Upper

56 100

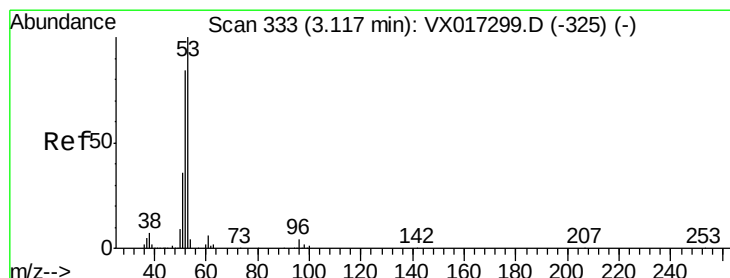
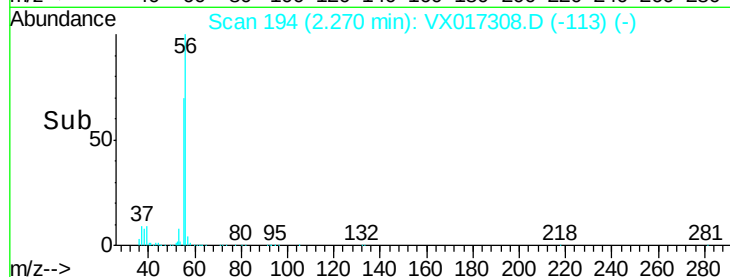
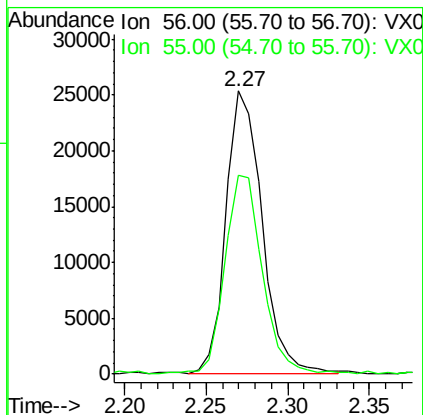
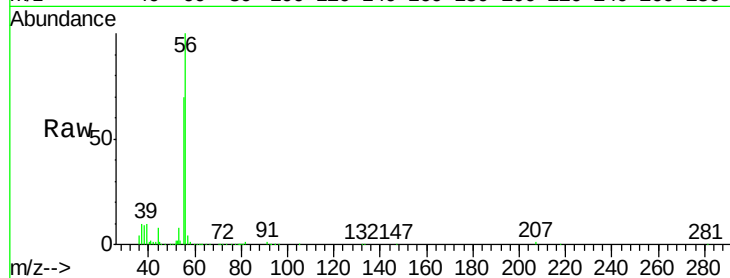
55 72.6 58.5 87.7

Manual Integrations

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#14

Acrylonitrile

Concen: 95.764 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

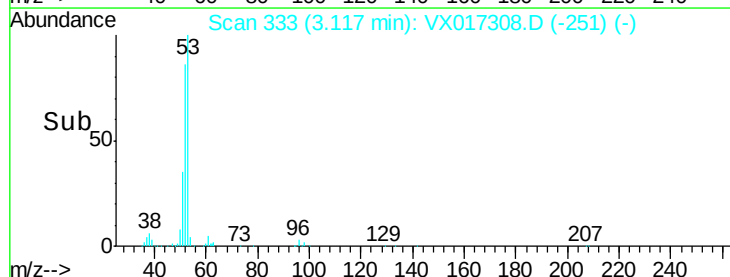
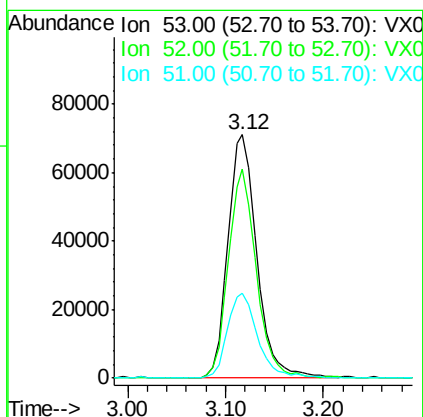
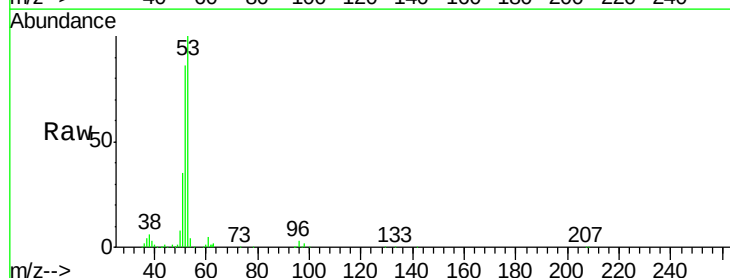
Tgt Ion: 53 Resp: 146107

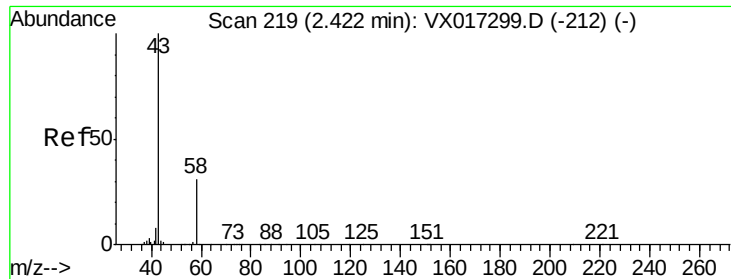
Ion Ratio Lower Upper

53 100

52 82.8 41.3 123.9

51 36.8 18.1 54.1





#15

Acetone

Concen: 97.298 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

Tot Ion: 58 Resp: 37438

Ion Ratio Lower Upper

58 100

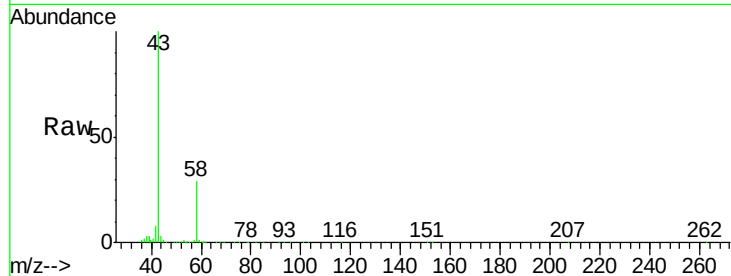
43 347.1 255.0 382.4

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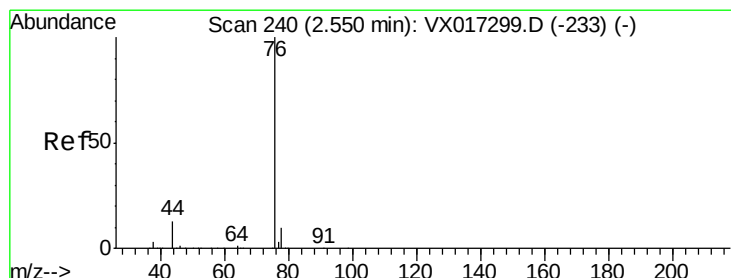
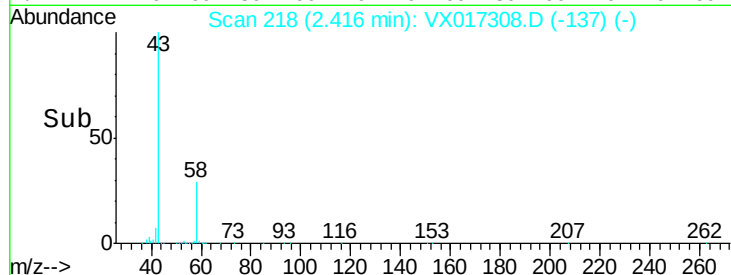
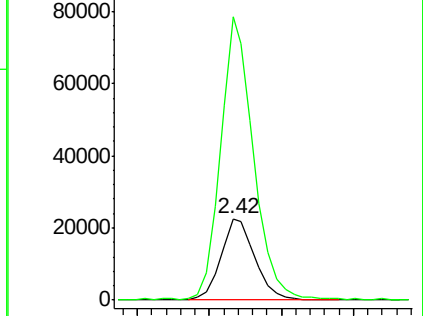
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.756 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017308.D

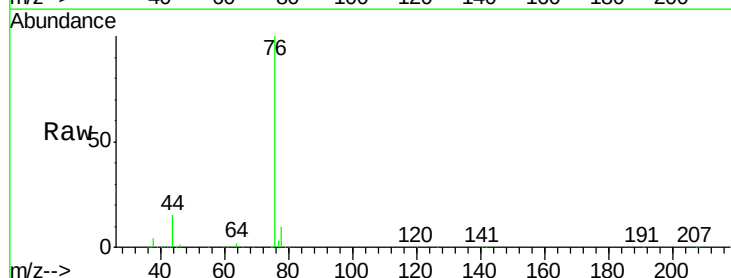
Acq: 09 Jul 2020 15:26

Tgt Ion: 76 Resp: 130045

Ion Ratio Lower Upper

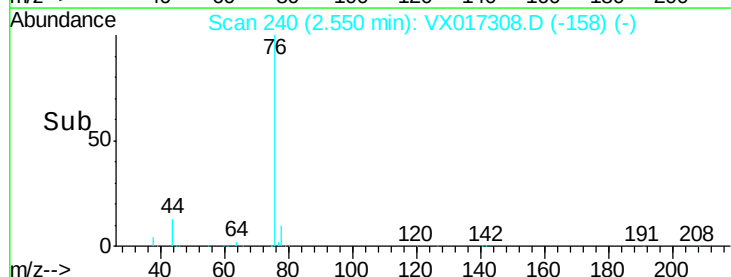
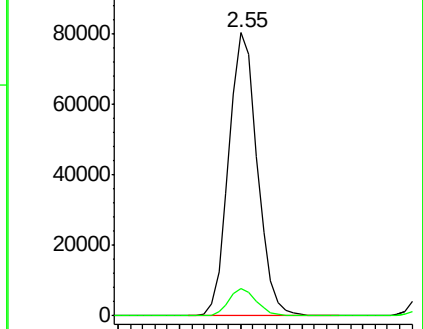
76 100

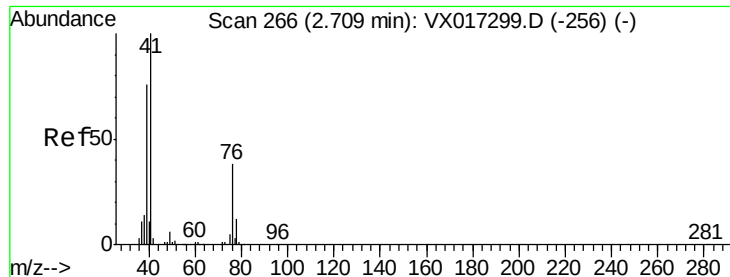
78 9.7 7.9 11.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 18.548 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

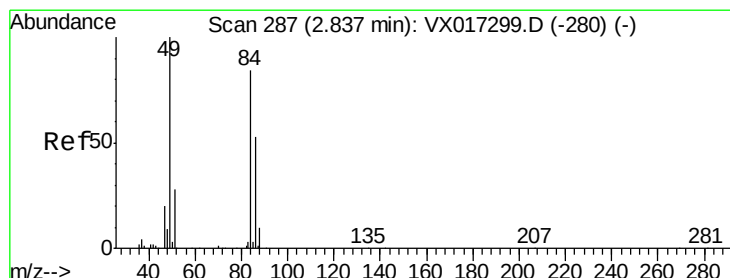
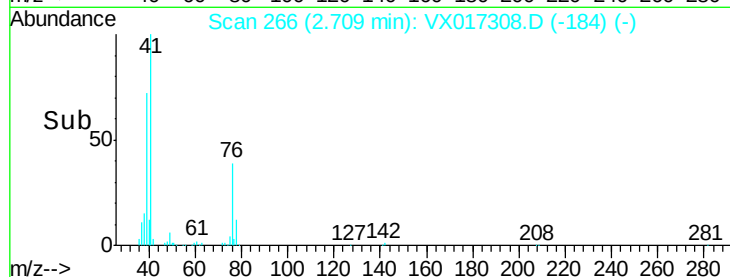
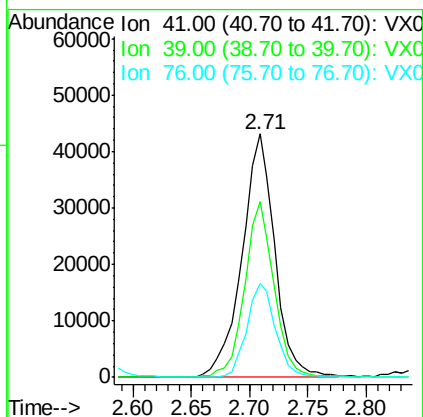
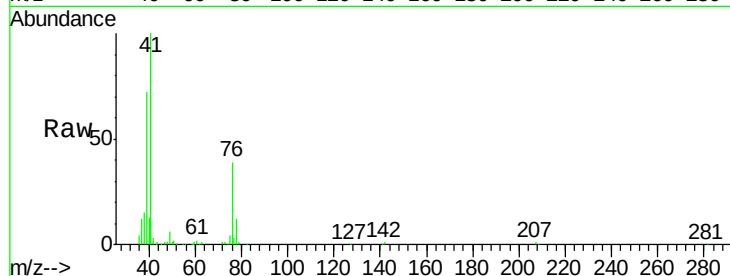
ClientSampleId :

VX0709WBSD01

Tot Ion:	41	Resp:	83740
Ion	Ratio	Lower	Upper
41	100		
39	72.0	38.1	114.5
76	38.5	18.8	56.4

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#18

Methylene Chloride

Concen: 18.853 ug/l

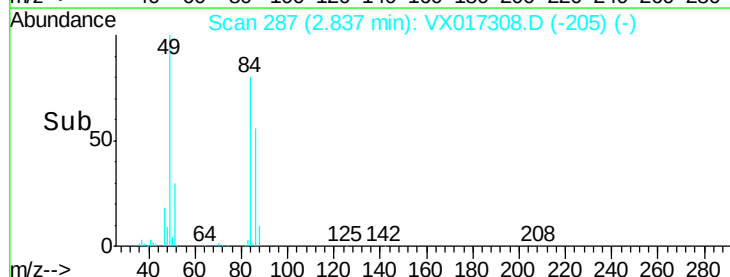
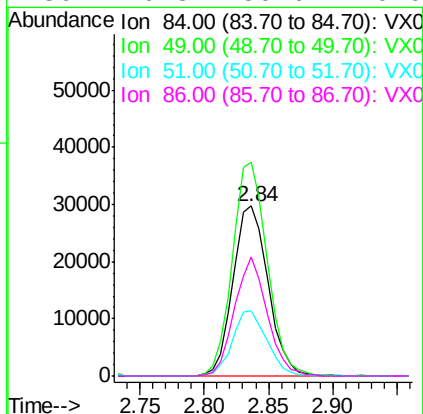
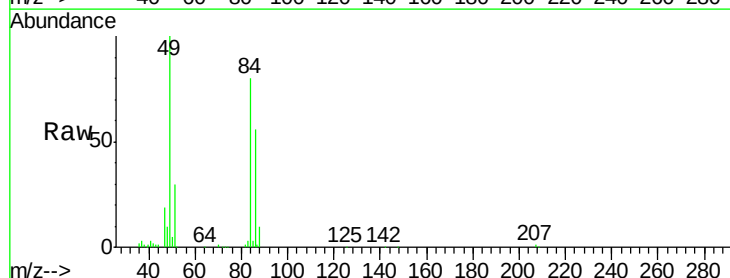
RT: 2.84 min Scan# 287

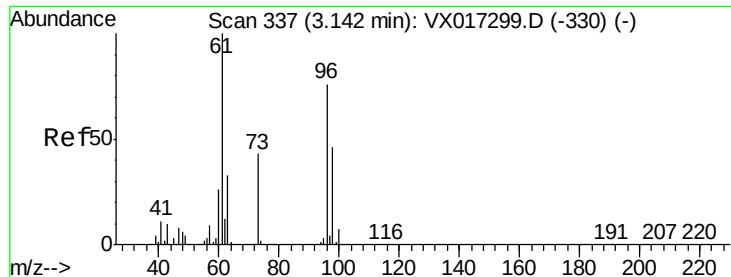
Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Tgt Ion:	84	Resp:	56353
Ion	Ratio	Lower	Upper
84	100		
49	125.5	95.7	143.5
51	38.1	27.2	40.8
86	70.3	50.6	76.0





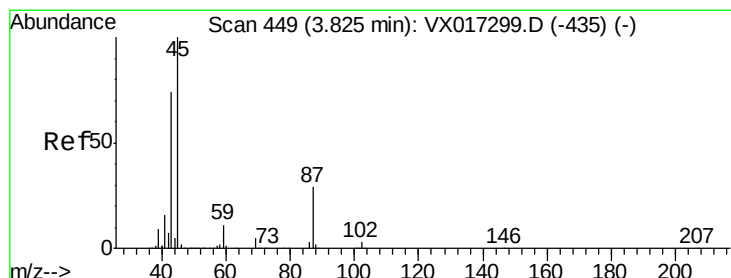
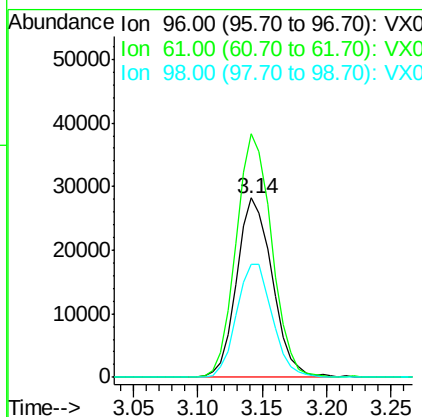
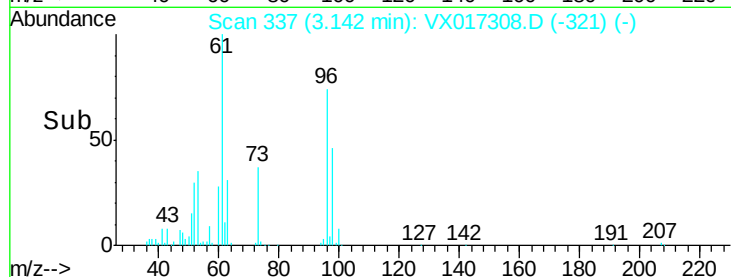
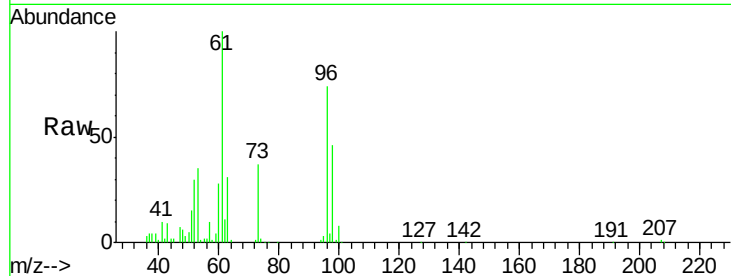
#19
trans-1,2-Dichloroethene
Concen: 19.064 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	135.6	105.0	157.6
98	98	62.8	48.6	73.0

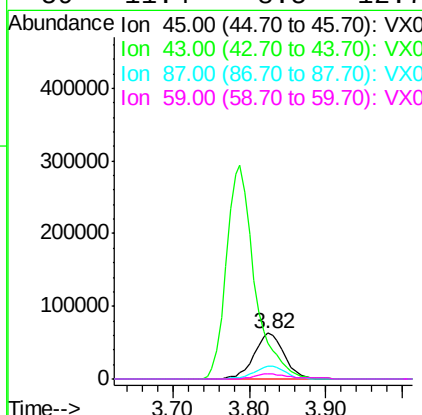
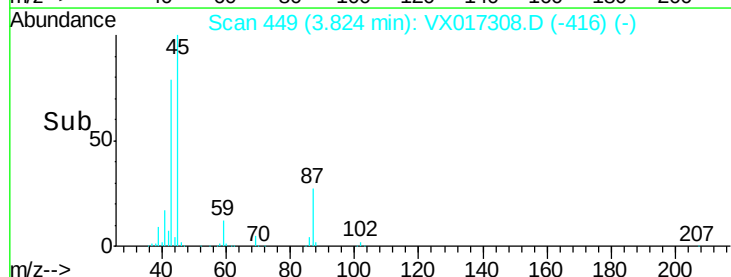
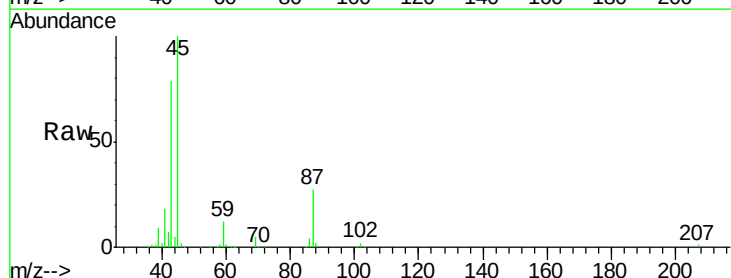
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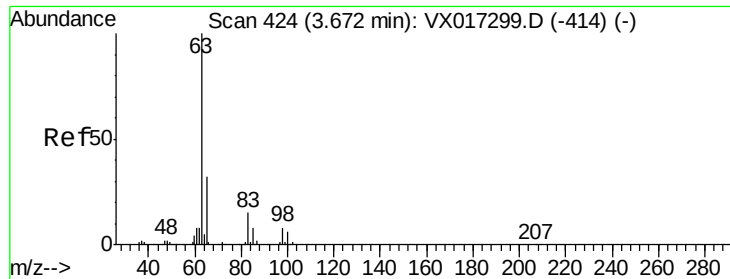
MMDadoda
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#20
Diisopropyl ether
Concen: 19.227 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Tgt Ion	Ion	Ratio	Lower	Upper
45	45	100		
43	43	78.7	59.5	89.3
87	87	27.1	23.2	34.8
59	59	11.4	8.5	12.7





#21

1,1-Dichloroethane

Concen: 19.072 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

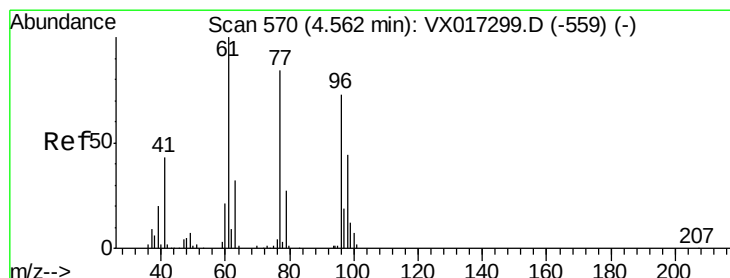
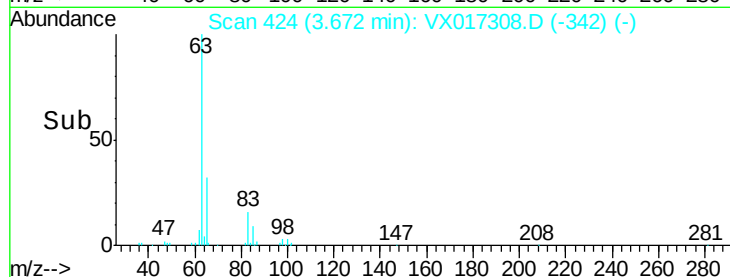
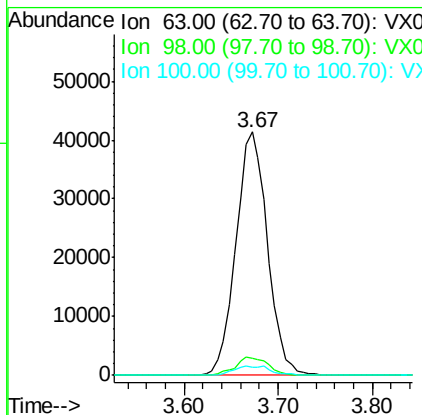
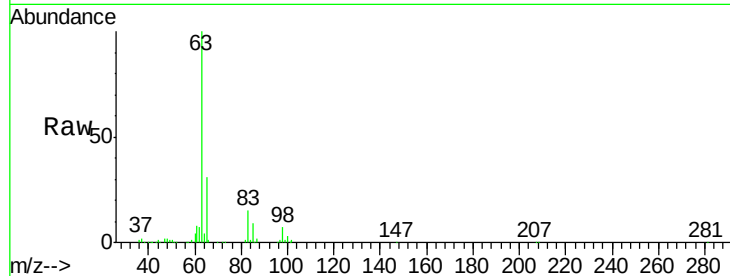
ClientSampleId :

VX0709WBSD01

Tot Ion:	63	Resp:	96490
Ion Ratio	Lower	Upper	
63	100		
98	6.8	4.2	12.4
100	3.5	2.8	8.3

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#22

cis-1,2-Dichloroethene

Concen: 19.052 ug/l

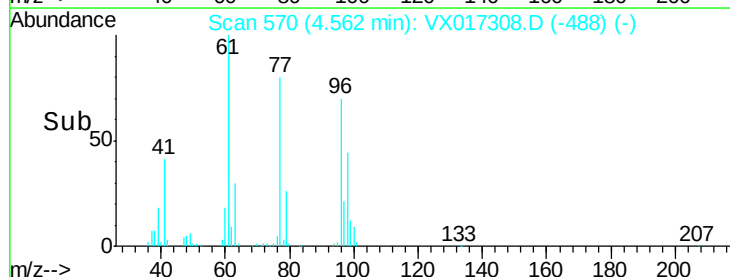
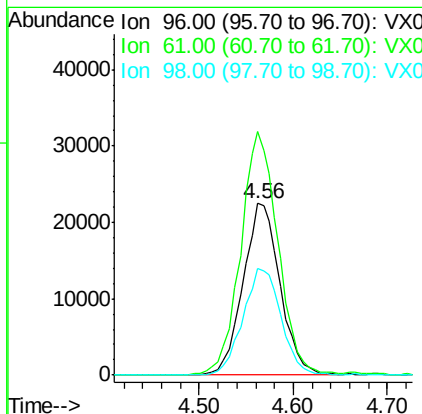
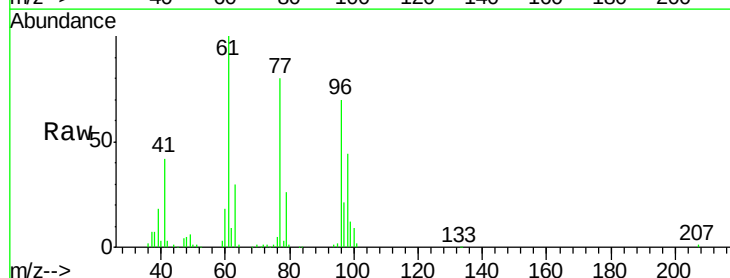
RT: 4.56 min Scan# 570

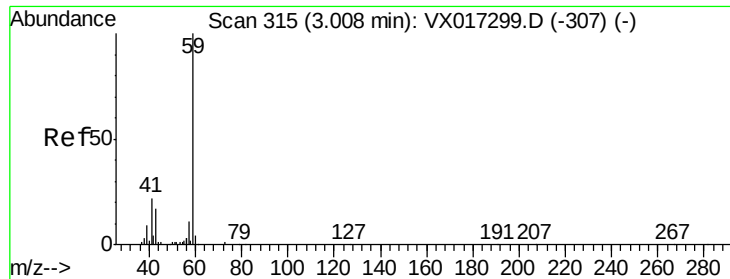
Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Tgt Ion:	96	Resp:	61676
Ion Ratio	Lower	Upper	
96	100		
61	142.2	111.7	167.5
98	64.4	50.9	76.3





#23

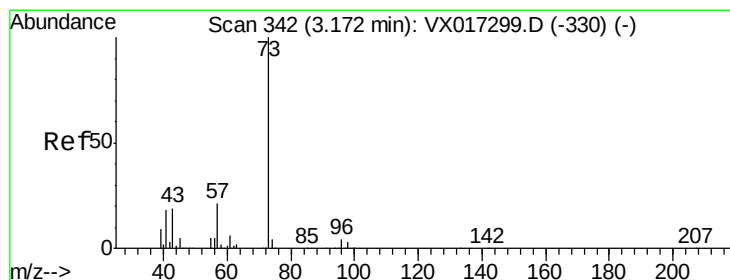
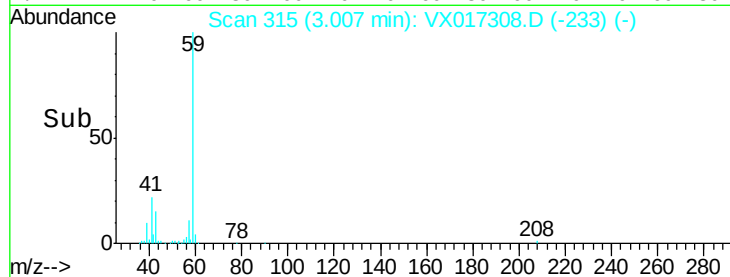
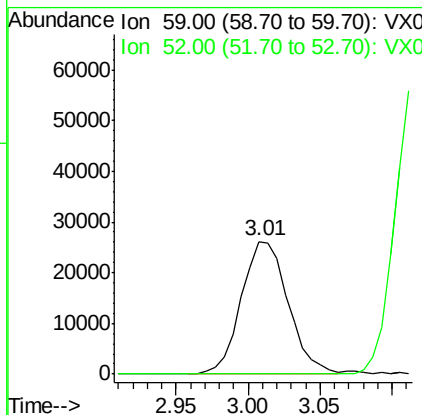
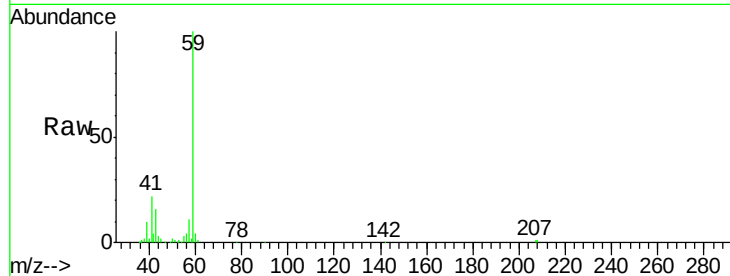
tert-Butyl Alcohol
 Concen: 93.753 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Tot Ion	59	52
Resp	59023	
Ratio	100	0.1
Lower		0.4
Upper		0.6#

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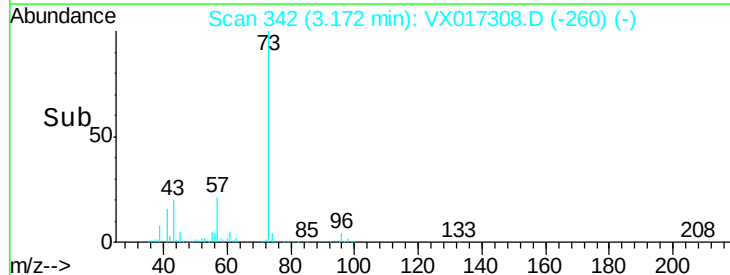
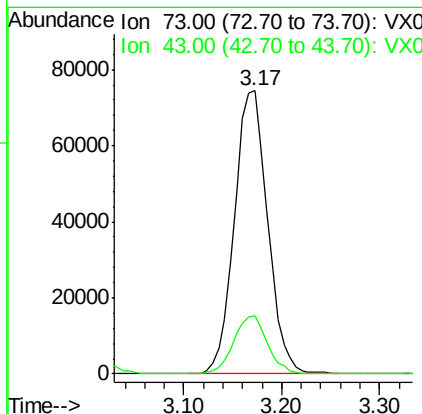
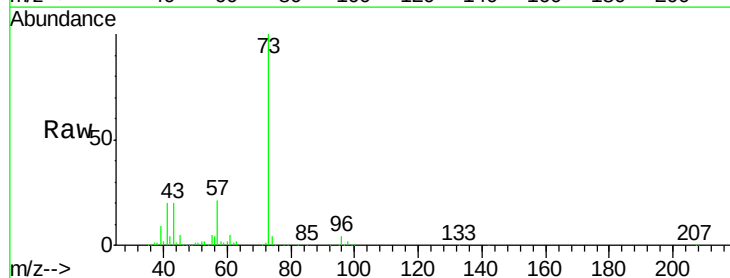
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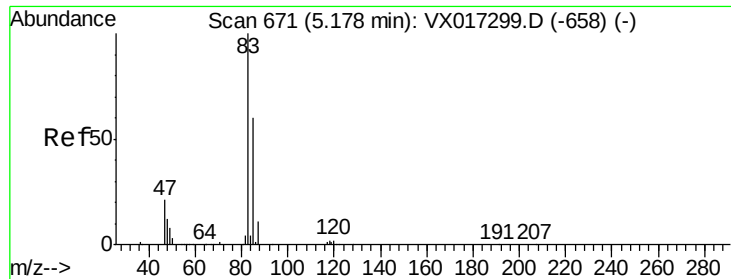


#24

Methyl tert-Butyl Ether
 Concen: 19.033 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Tgt Ion	73	43
Resp	176343	
Ratio	100	20.5
Lower		16.3
Upper		24.5





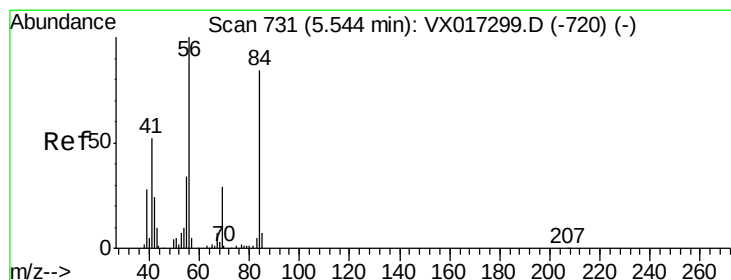
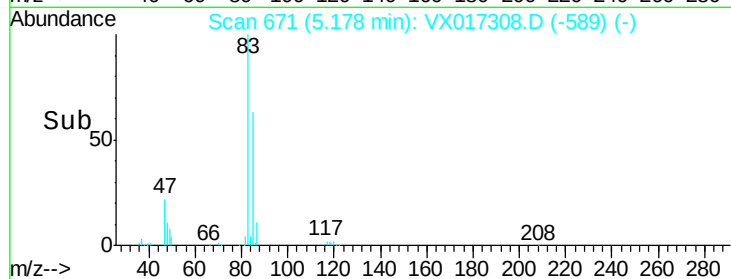
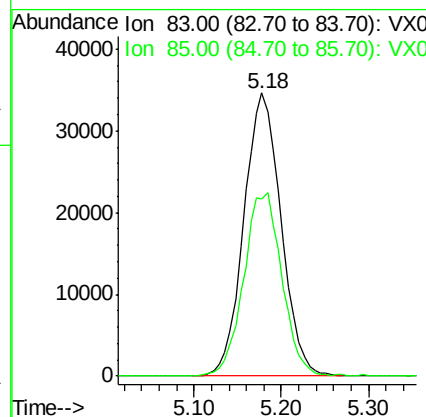
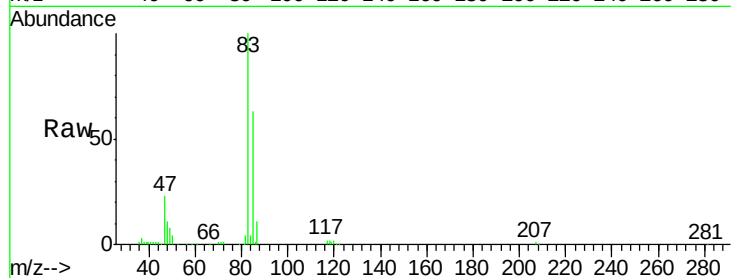
#25
Chloroform
Concen: 19.029 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion	83	Resp	102582
Ion Ratio	Lower	Upper	
83	100		
85	62.5	47.8	71.8

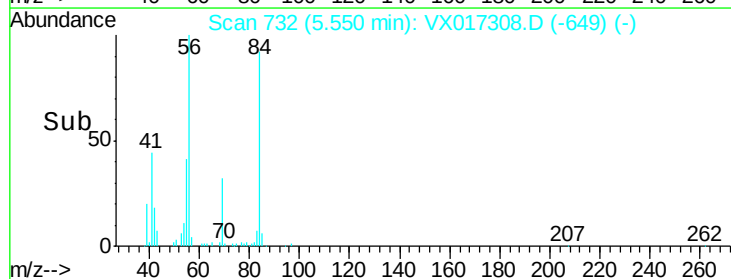
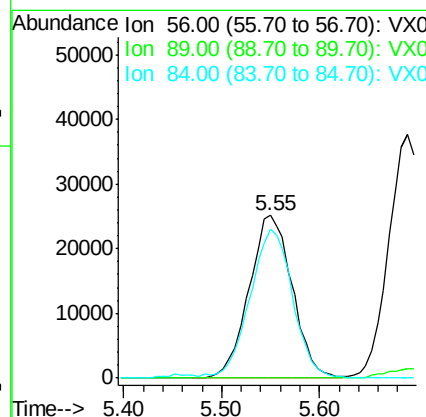
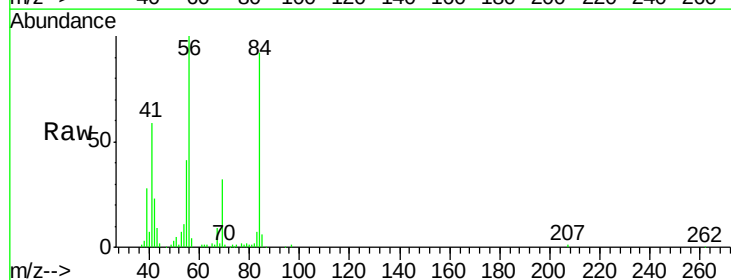
Manual Integrations
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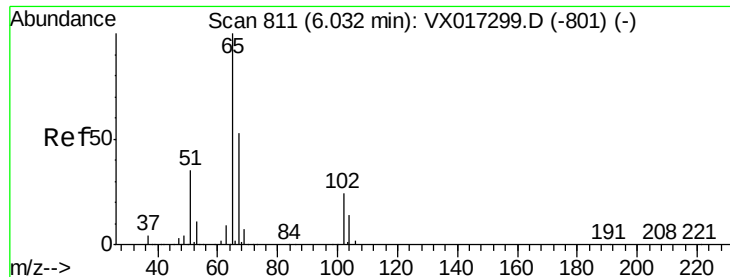
MMDadoda
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#26
Cyclohexane
Concen: 19.538 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Tgt Ion	56	Resp	77012
Ion Ratio	Lower	Upper	
56	100		
89	0.0	0.0	0.0
84	90.3	71.5	107.3





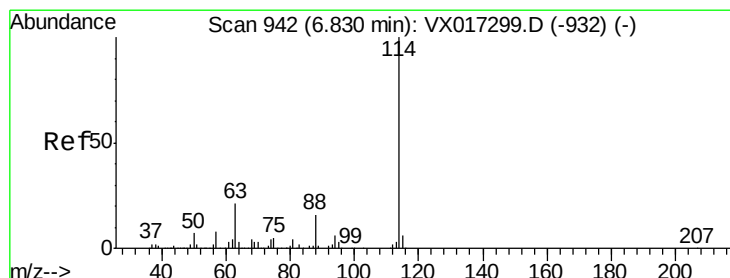
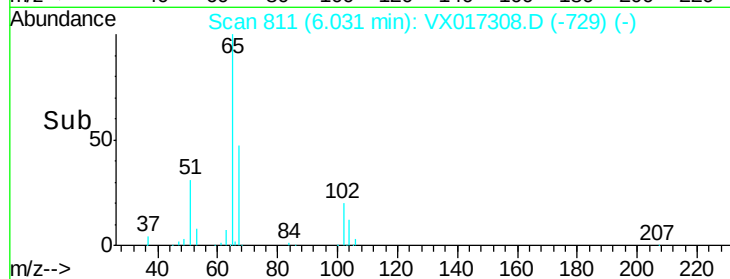
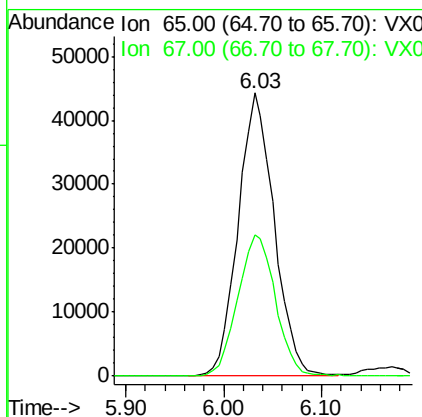
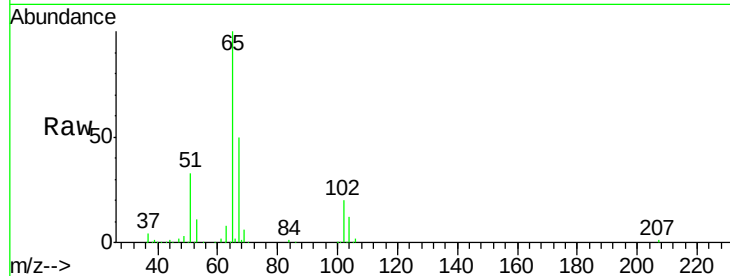
#27
 1,2-Dichloroethane-d4
 Concen: 29.841 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0709WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	41.0	61.6

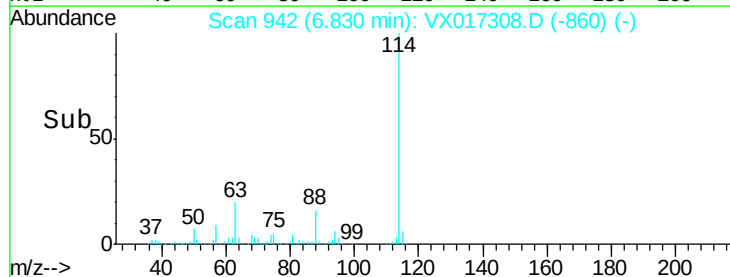
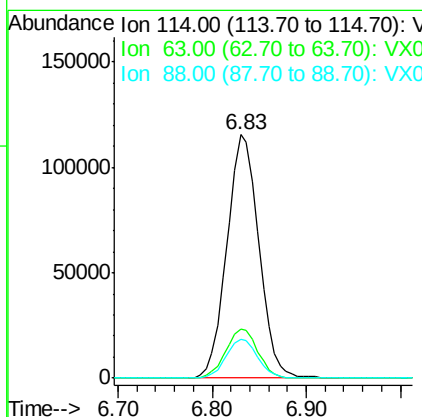
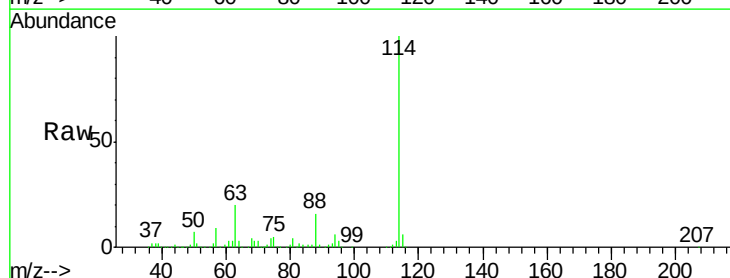
Manual Integrations
 APPROVED

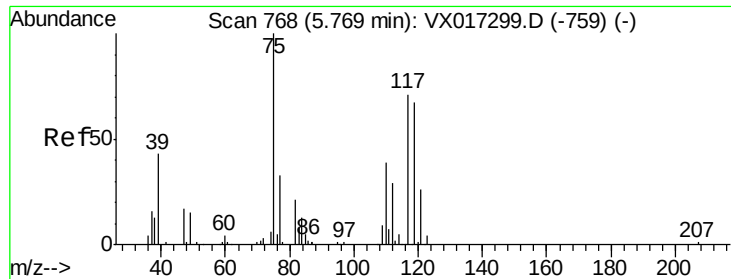
MMDadoda
 7/10/2020 12:36:23 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	15.9	23.9
88	15.9	12.4	18.6





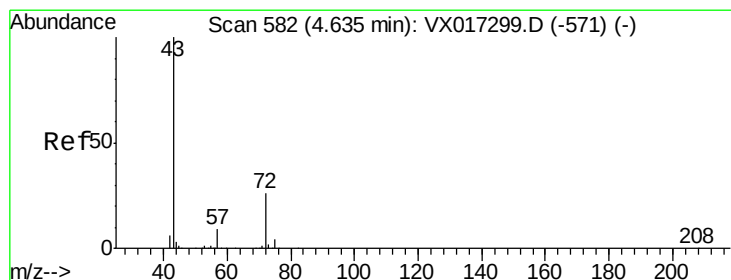
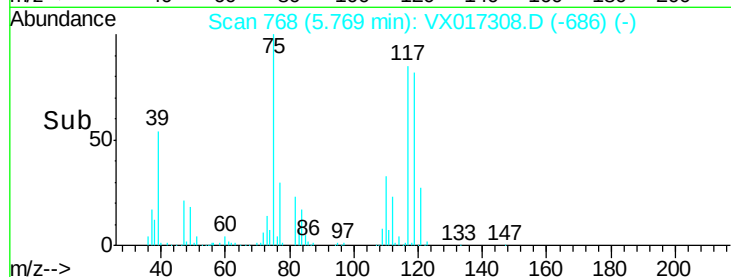
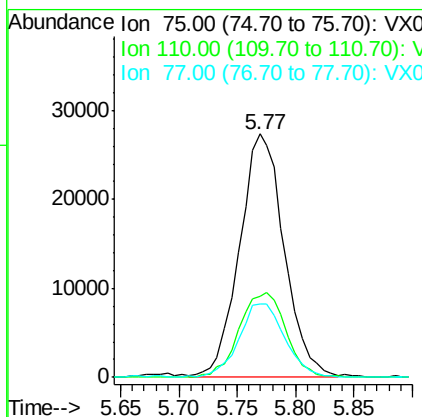
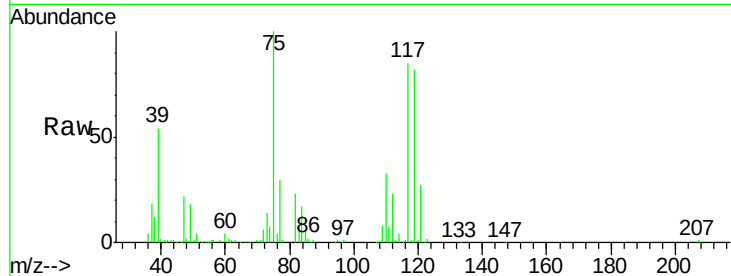
#29
 1,1-Dichloropropene
 Concen: 19.423 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.5	0.0	75.8
77	31.2	0.0	63.4

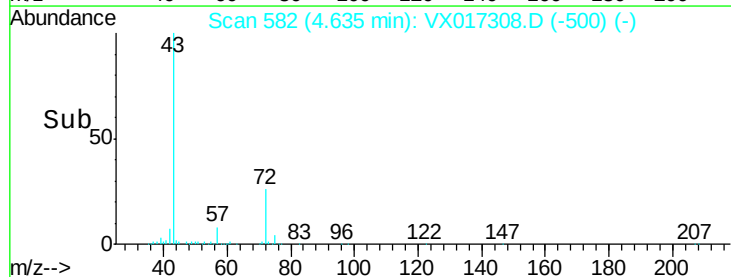
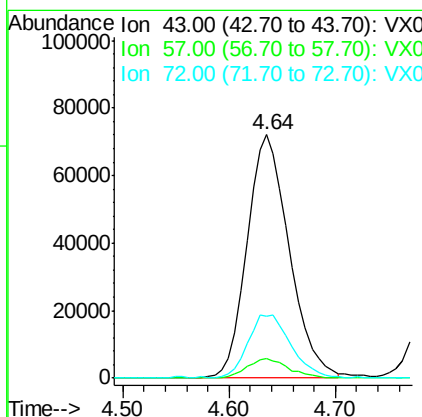
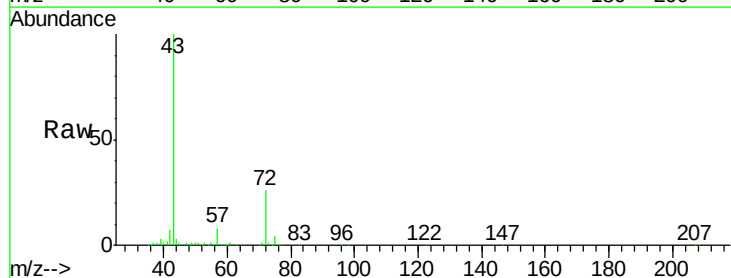
Manual Integrations
 APPROVED

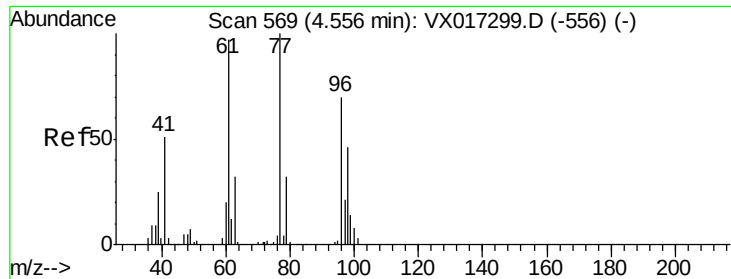
MMDadoda
 7/10/2020 12:36:23 PM



#30
 2-Butanone
 Concen: 97.041 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.1	6.8	10.2
72	26.7	21.0	31.6





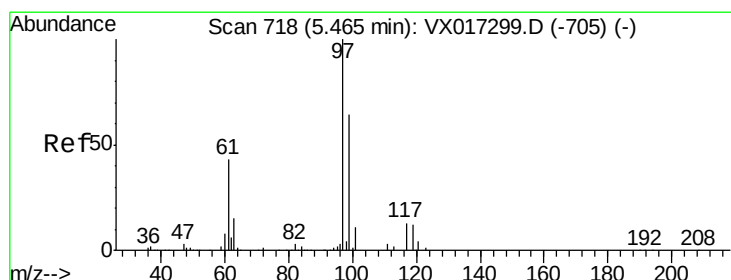
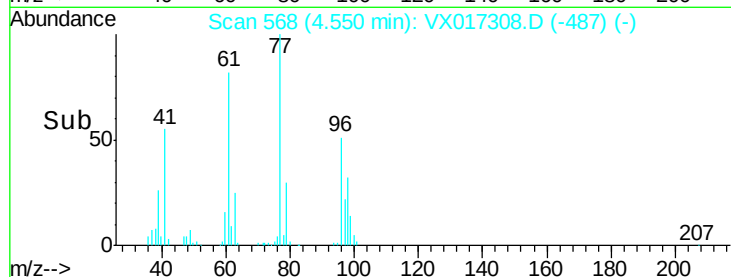
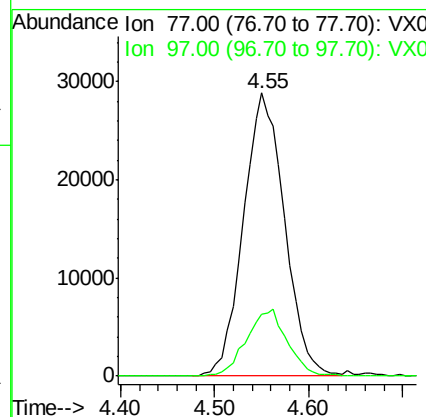
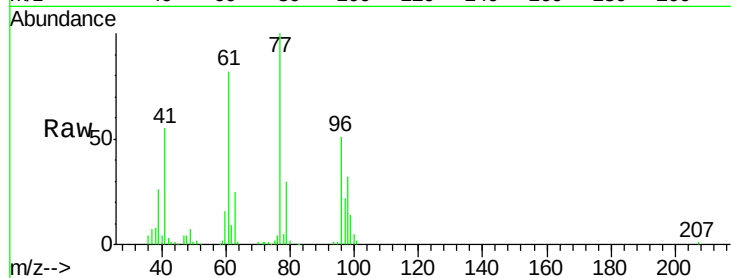
#31
 2,2-Dichloropropane
 Concen: 18.669 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Tot Ion: 77 Resp: 88109
 Ion Ratio Lower Upper
 77 100
 97 23.2 18.2 27.2

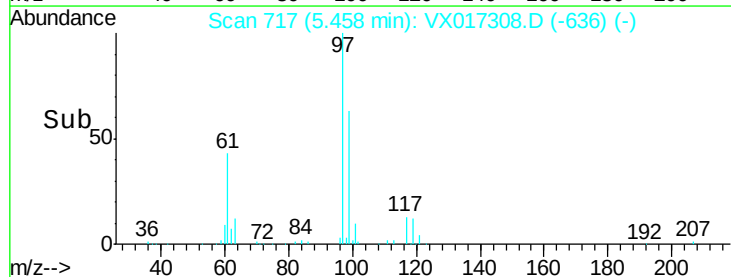
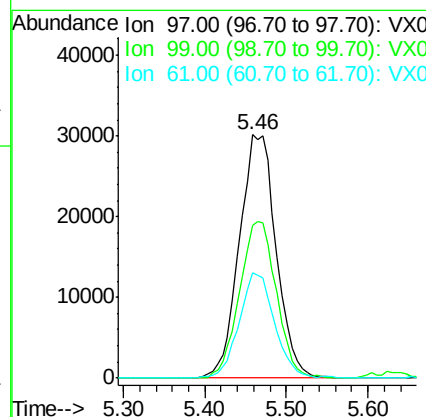
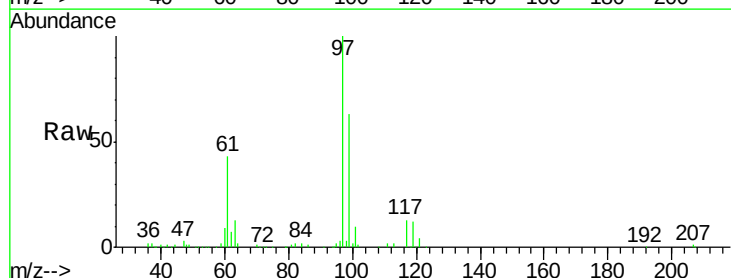
Manual Integrations
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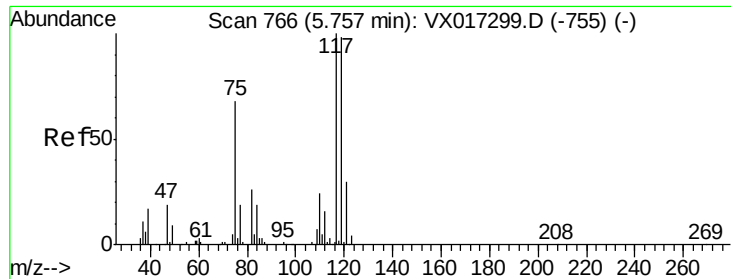
MMDadoda
 7/10/2020 12:36:23 PM



#32
 1,1,1-Trichloroethane
 Concen: 19.224 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Tgt Ion: 97 Resp: 94287
 Ion Ratio Lower Upper
 97 100
 99 64.0 53.2 79.8
 61 41.5 34.0 51.0





#33

Carbon Tetrachloride

Concen: 19.262 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

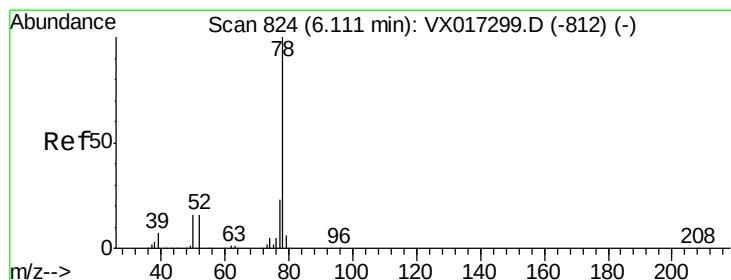
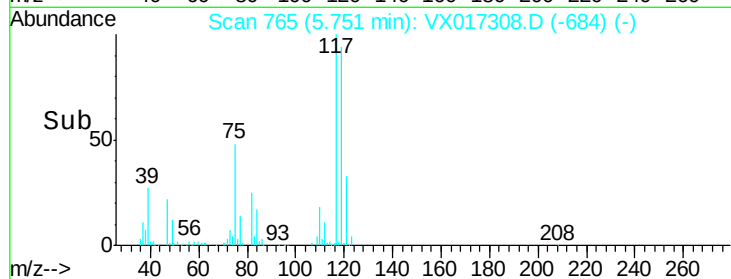
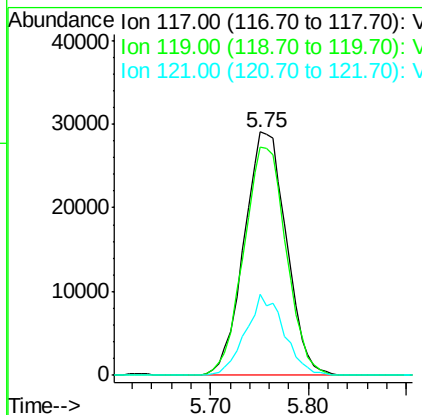
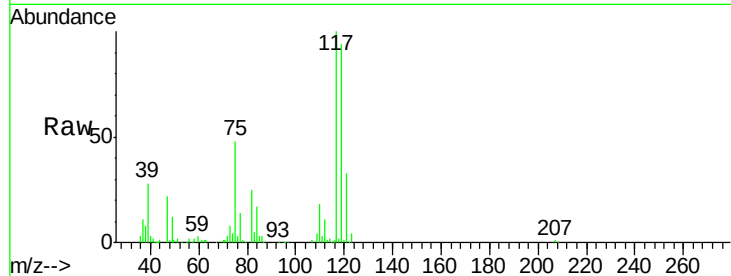
ClientSampleId :

VX0709WBSD01

Tot Ion:	117	Resp:	87119
Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.8	118.2
121	33.2	23.7	35.5

Manual Integrations
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#34

Benzene

Concen: 19.292 ug/l

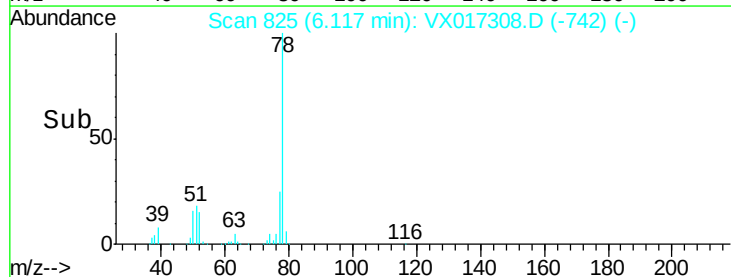
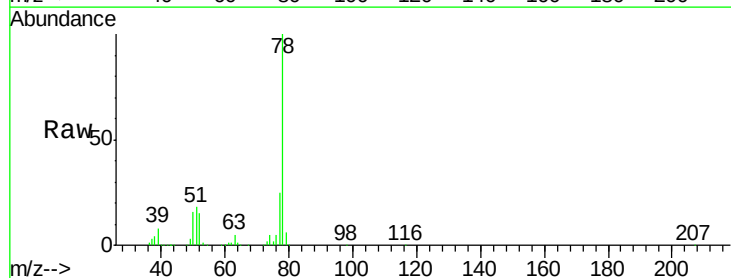
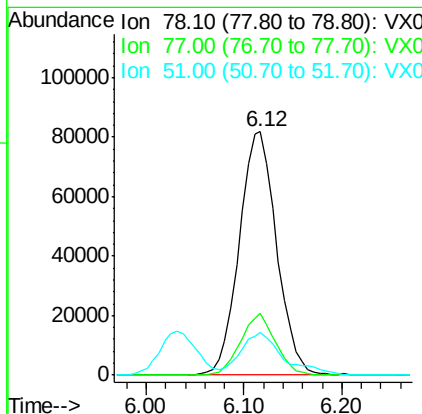
RT: 6.12 min Scan# 825

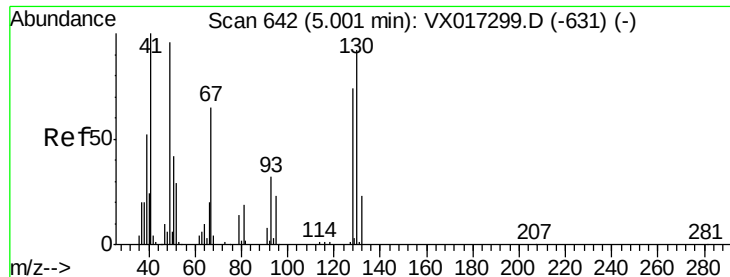
Delta R.T. 0.01 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Tgt Ion:	78	Resp:	216252
Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.1	27.1
51	16.8	12.9	19.3





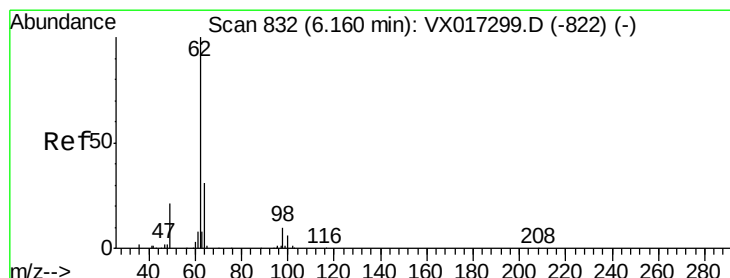
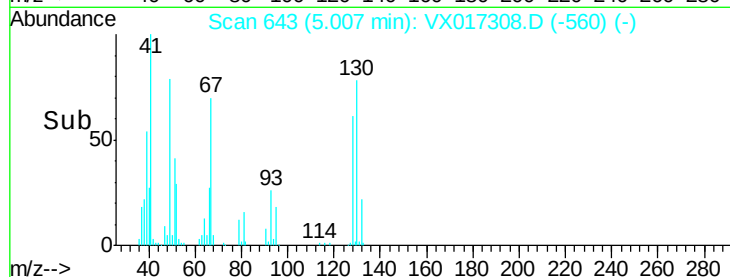
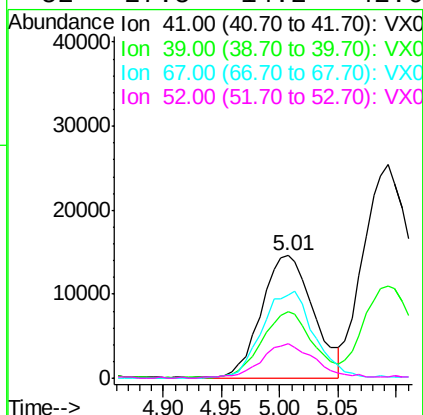
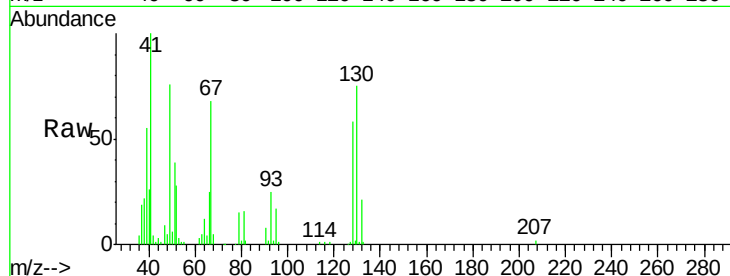
#35
Methacrylonitrile
Concen: 19.696 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	26.0	78.0	
67	67.5	32.6	97.8	
52	27.5	14.2	42.6	

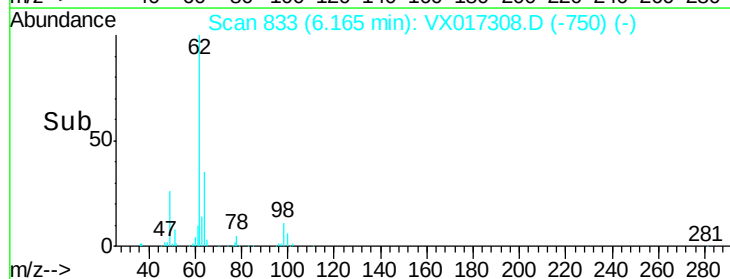
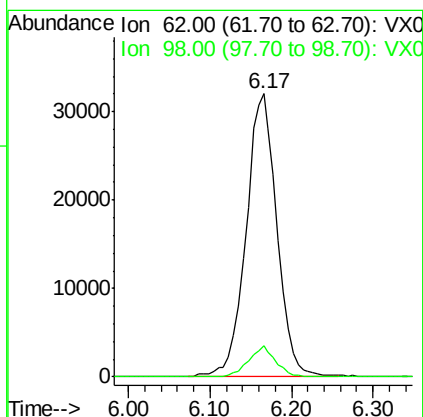
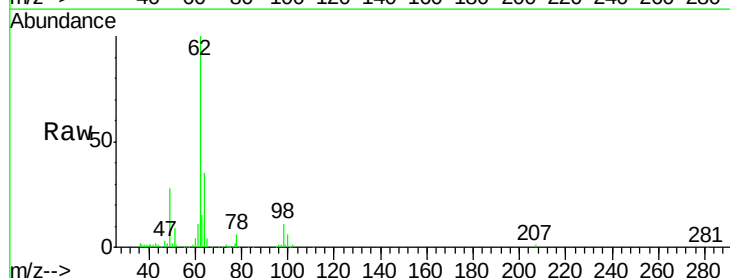
Manual Integrations
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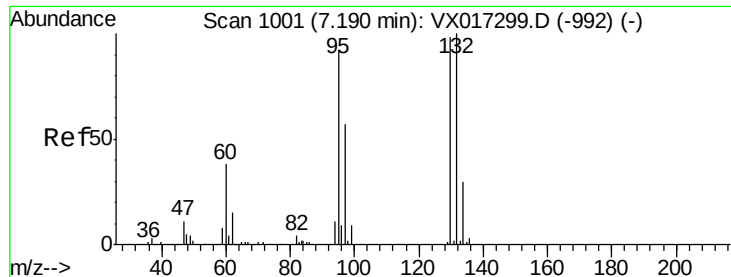
MMDadoda
7/10/2020 12:36:23 PM



#36
1,2-Dichloroethane
Concen: 19.112 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	7.8	11.8	





#37

Trichloroethene

Concen: 18.799 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

Tot Ion:130 Resp: 63382

Ion Ratio Lower Upper

130 100

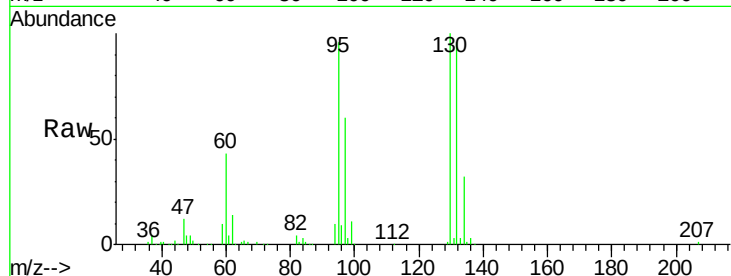
95 95.9 74.4 111.6

Manual Integrations

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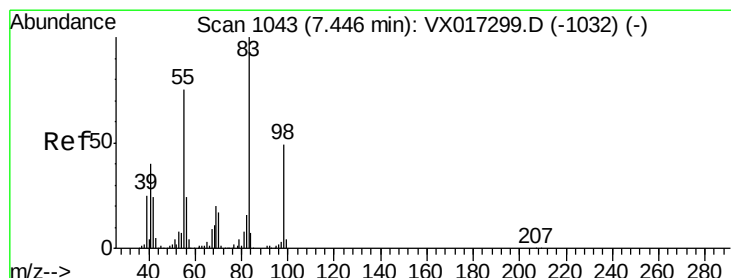
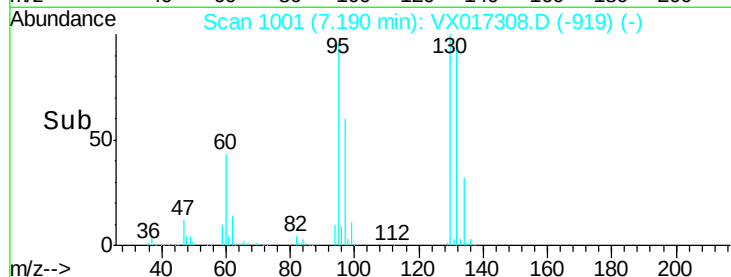
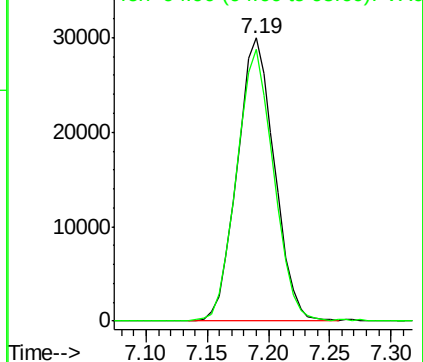
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.339 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

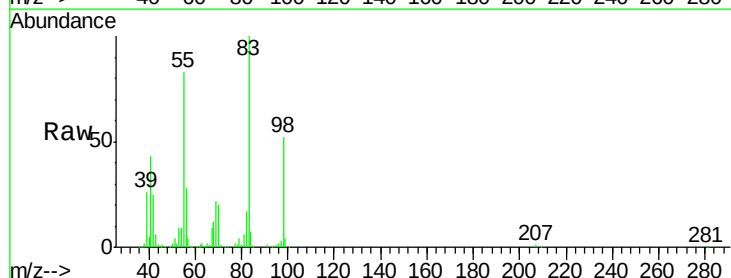
Tgt Ion: 83 Resp: 76770

Ion Ratio Lower Upper

83 100

55 79.4 39.0 117.0

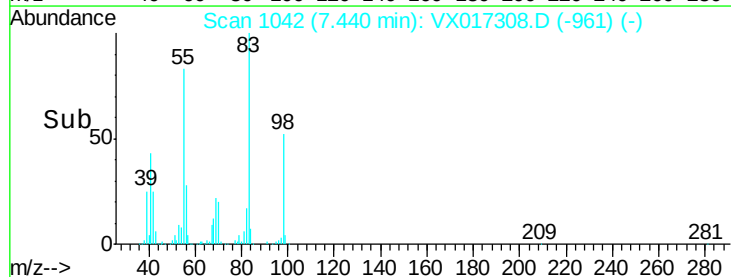
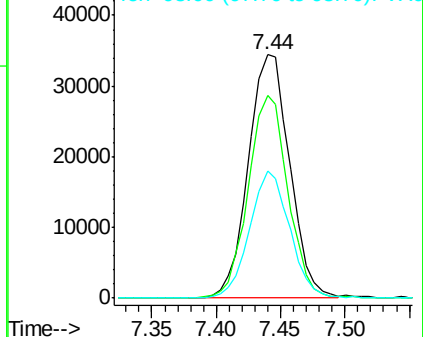
98 50.1 25.3 75.9

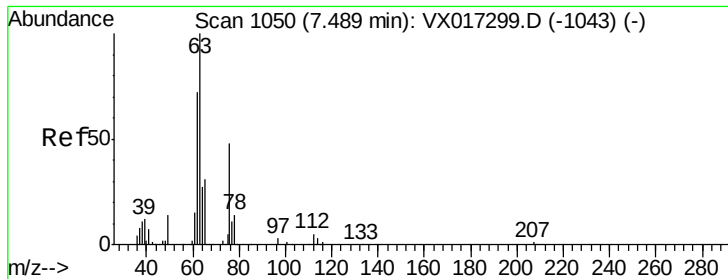


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





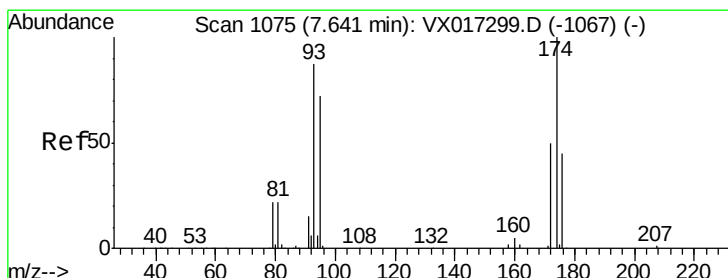
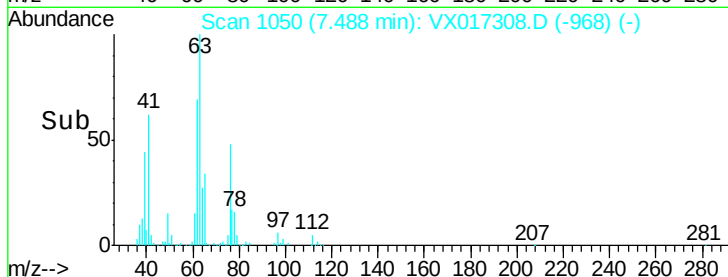
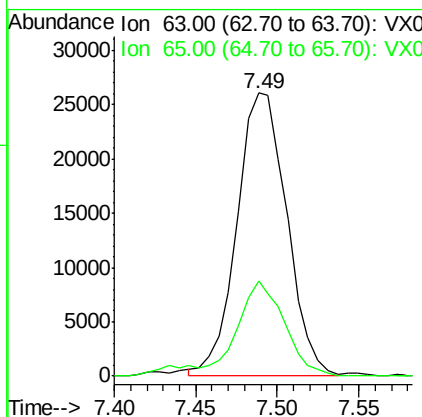
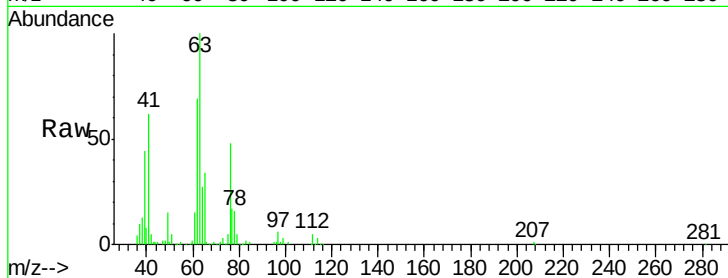
#39
 1,2-Dichloropropane
 Concen: 18.956 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Tot Ion	63	Resp	55524
Ion Ratio	100	Lower	Upper
63	100		
65	33.9	27.4	41.0

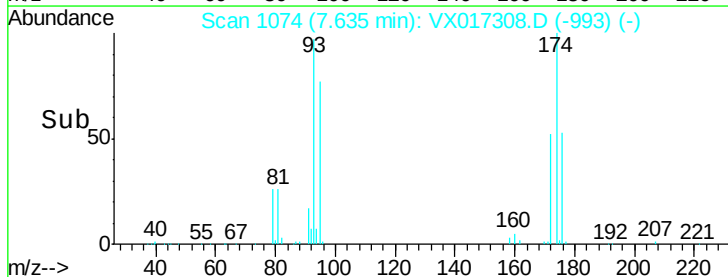
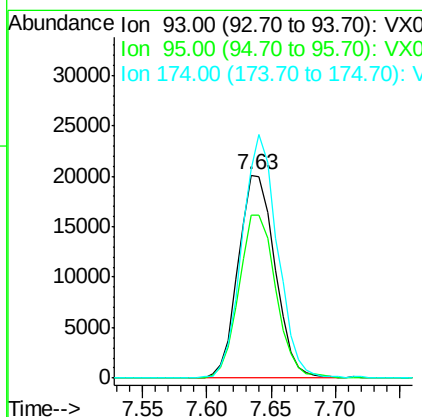
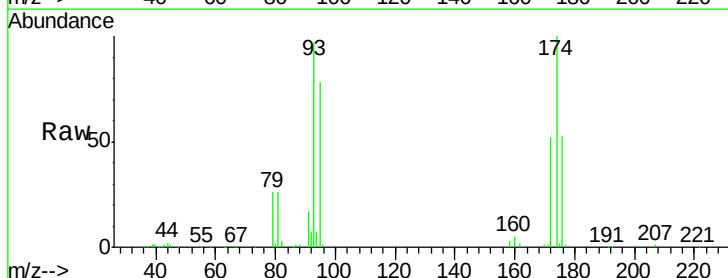
Manual Integrations
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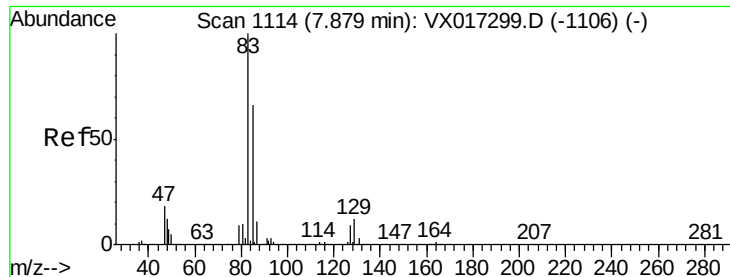
MMDadoda
 7/10/2020 12:36:23 PM



#40
 Dibromomethane
 Concen: 18.864 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Tgt Ion	93	Resp	39805
Ion Ratio	100	Lower	Upper
93	100		
95	80.0	0.0	164.4
174	115.0	0.0	224.8





#41

Bromodichloromethane

Concen: 18.743 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

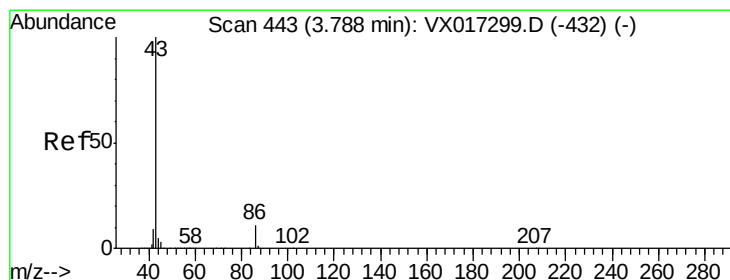
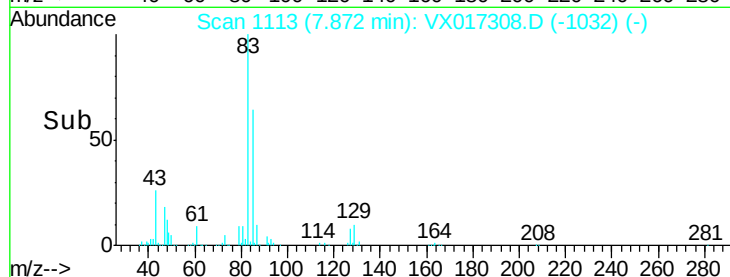
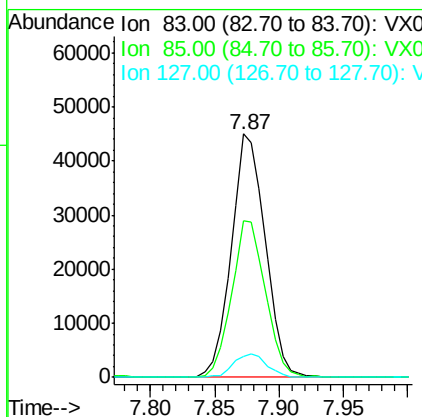
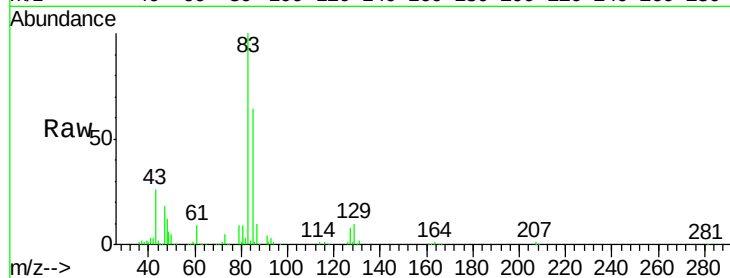
ClientSampleId :

VX0709WBSD01

Tot Ion:	83	Resp:	82542
Ion Ratio	Lower	Upper	
83	100		
85	64.1	53.1	79.7
127	8.4	7.3	10.9

Manual Integrations
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7/10/2020 12:36:23 PM



#42

Vinyl Acetate

Concen: 95.069 ug/l

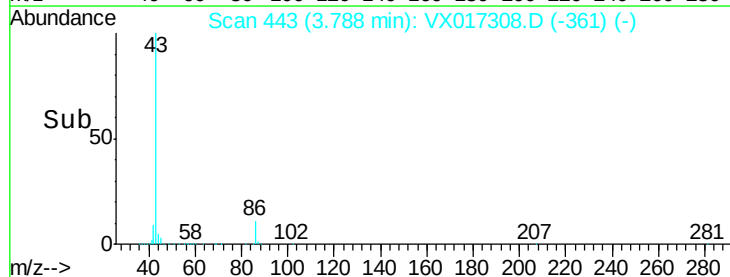
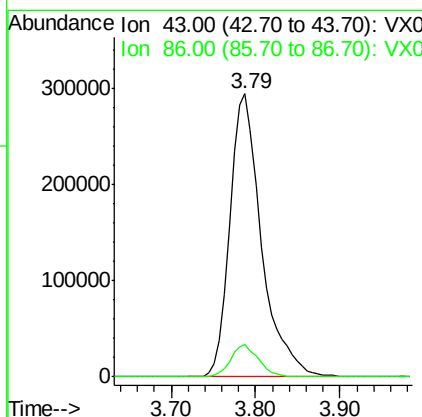
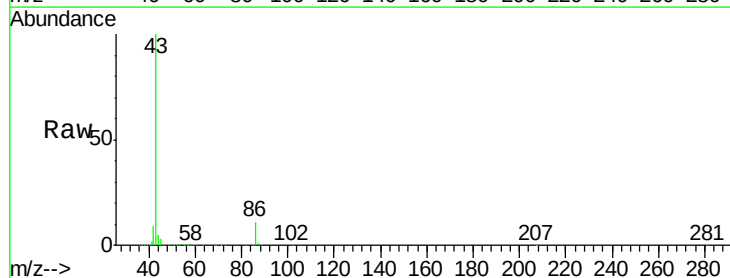
RT: 3.79 min Scan# 443

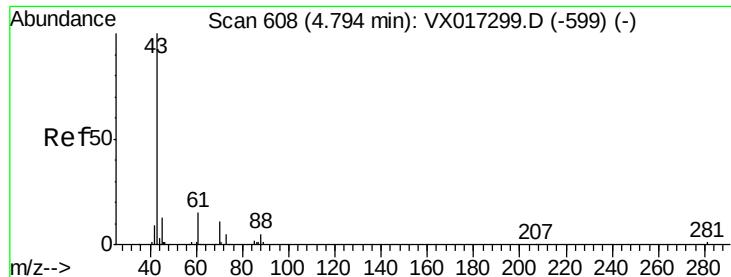
Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Tgt Ion:	43	Resp:	748622
Ion Ratio	Lower	Upper	
43	100		
86	10.0	7.9	11.9





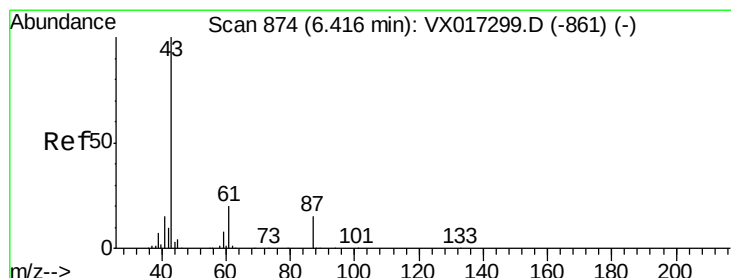
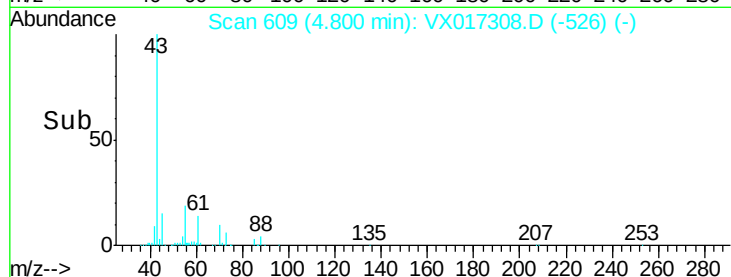
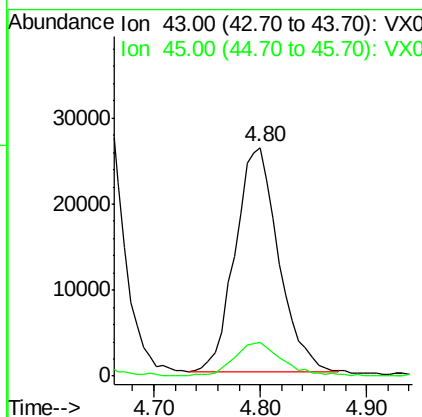
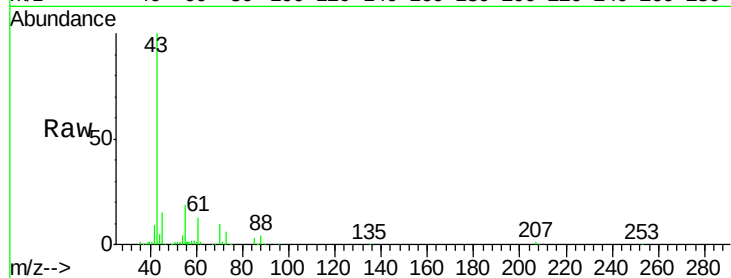
#43
Ethyl Acetate
Concen: 18.415 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Instrument :
MSVOA_X
ClientSampled :
VX0709WBSD01

Tot Ion	43	Ratio	Lower	Upper
43	100			
45	16.1	12.1	18.1	

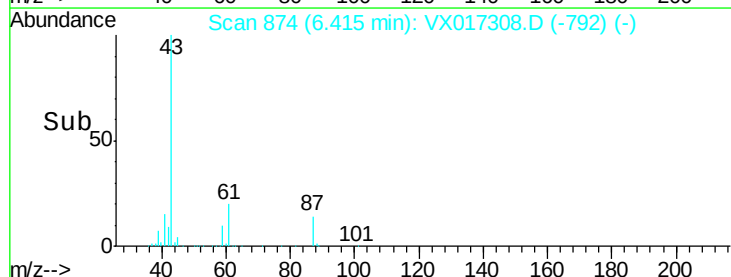
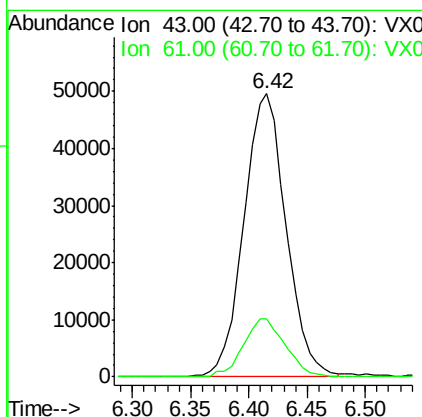
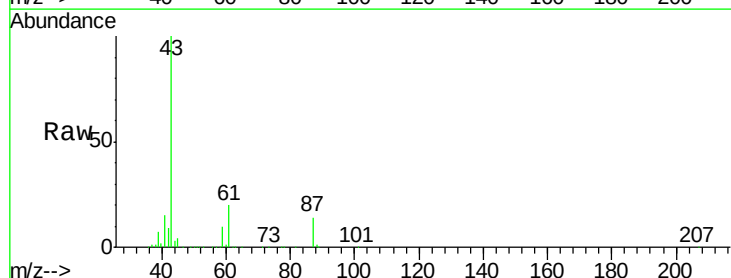
Manual Integrations
APPROVED

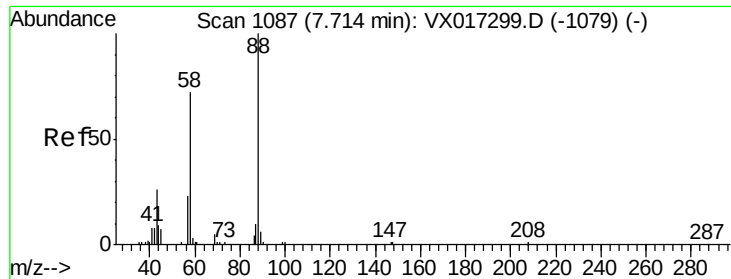
MMDadoda
7/10/2020 12:36:23 PM



#44
Isopropyl Acetate
Concen: 18.396 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Tgt Ion	43	Ratio	Lower	Upper
43	100			
61	20.6	15.7	23.5	





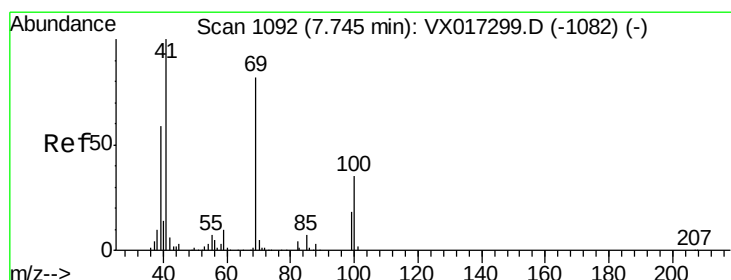
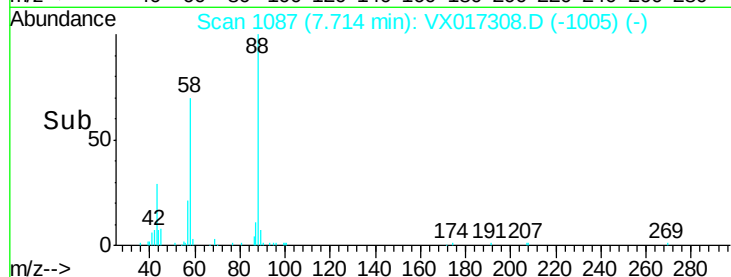
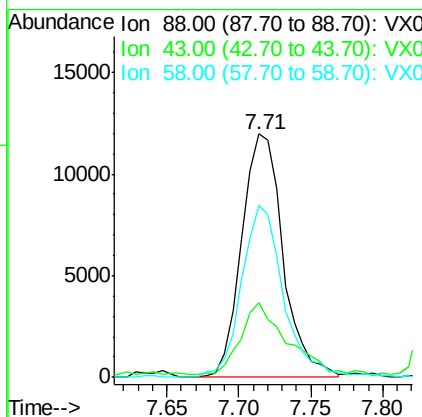
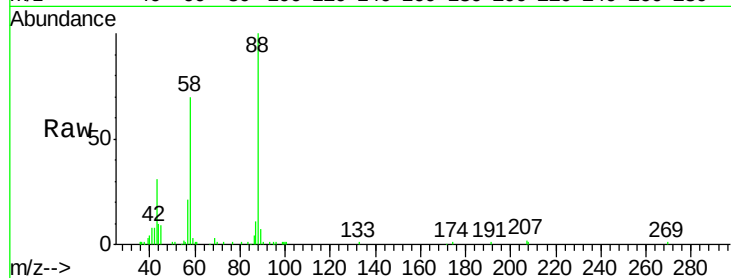
#45
 1,4-Dioxane
 Concen: 370.801 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.4	29.0	43.4
58	71.1	58.3	87.5

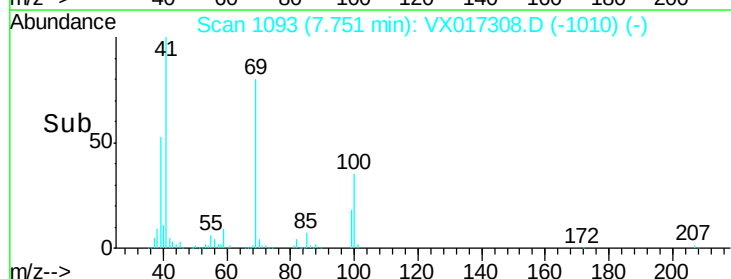
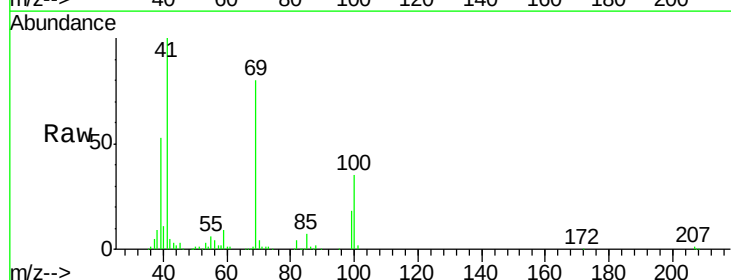
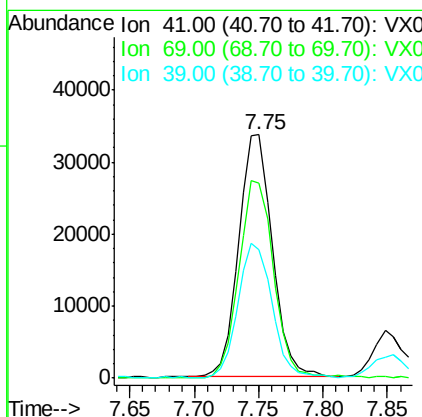
Manual Integrations
 APPROVED

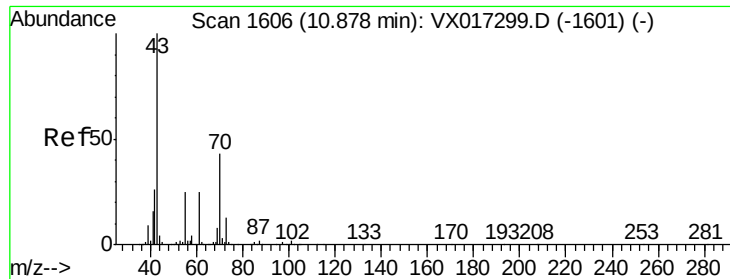
MMDadoda
 7/10/2020 12:36:23 PM



#46
 Methyl methacrylate
 Concen: 18.525 ug/l
 RT: 7.75 min Scan# 1093
 Delta R.T. 0.01 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.3	41.1	123.3
39	52.7	29.2	87.6





#47

n-amyl Acetate

Concen: 18.277 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

Tot Ion: 43 Resp: 109137

Ion Ratio Lower Upper

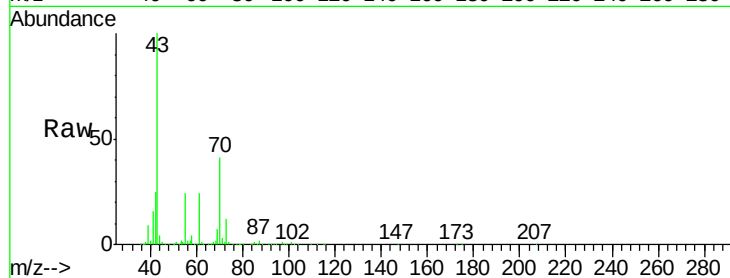
43 100

55 24.8 20.4 30.6

Manual Integrations
APPROVED

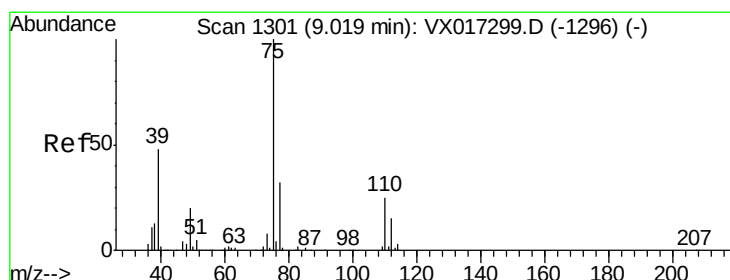
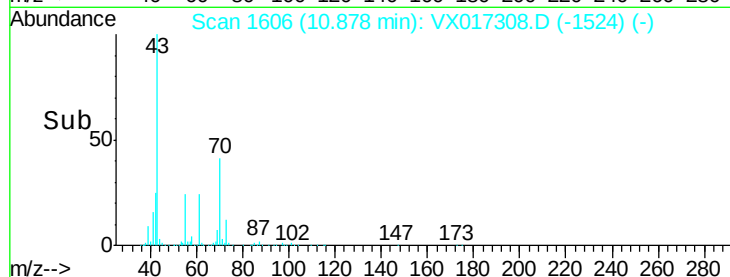
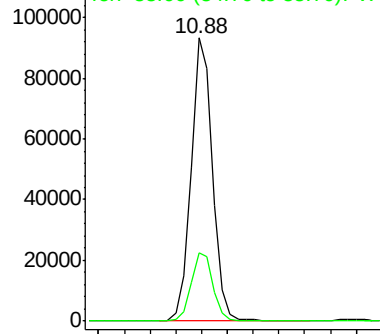
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.236 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX017308.D

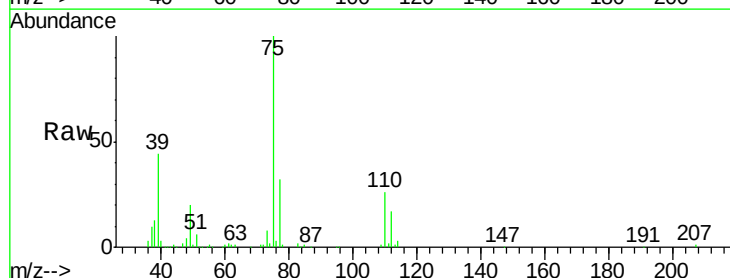
Acq: 09 Jul 2020 15:26

Tgt Ion: 75 Resp: 88655

Ion Ratio Lower Upper

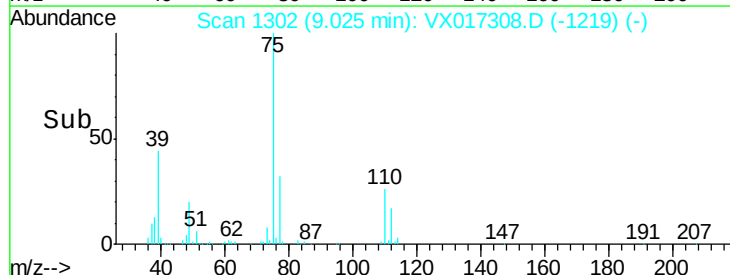
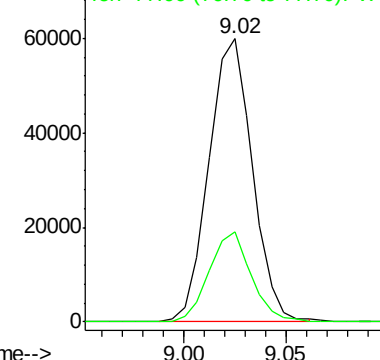
75 100

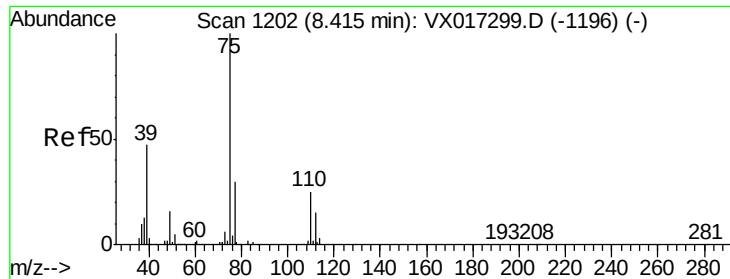
77 31.7 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#49

cis-1,3-Dichloropropene

Concen: 18.773 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

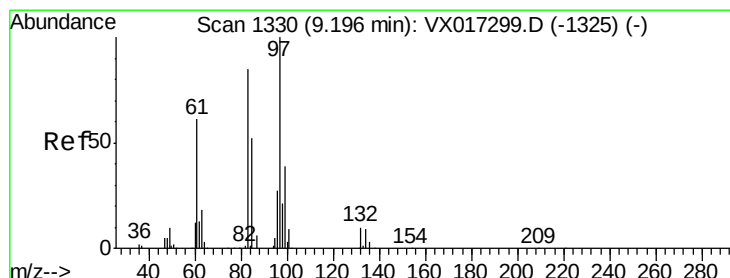
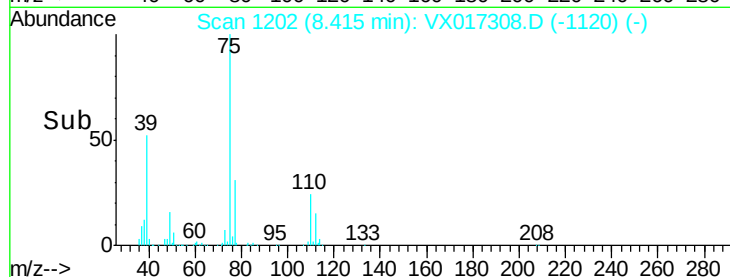
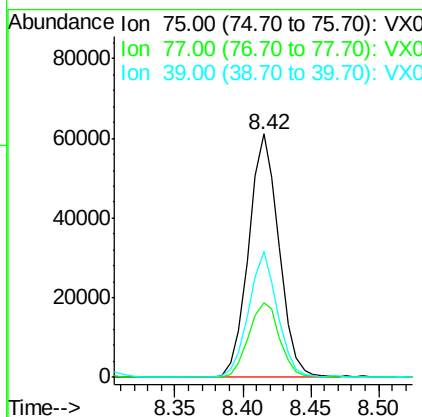
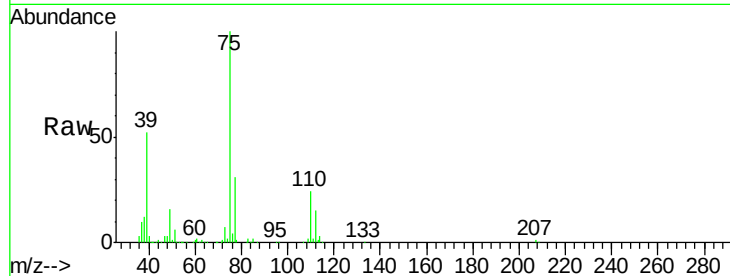
ClientSampleId :

VX0709WBSD01

Tot Ion:	75	Resp:	95501
Ion Ratio	Lower	Upper	
75	100		
77	30.9	23.6	35.4
39	51.5	37.5	56.3

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 18.672 ug/l

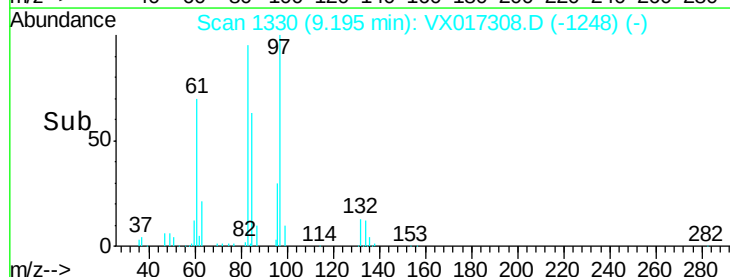
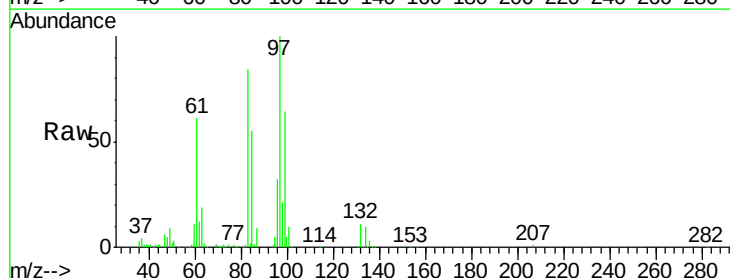
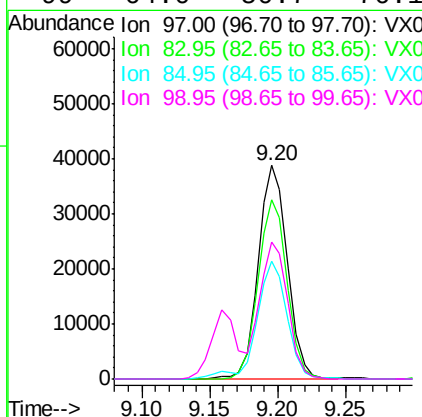
RT: 9.20 min Scan# 1330

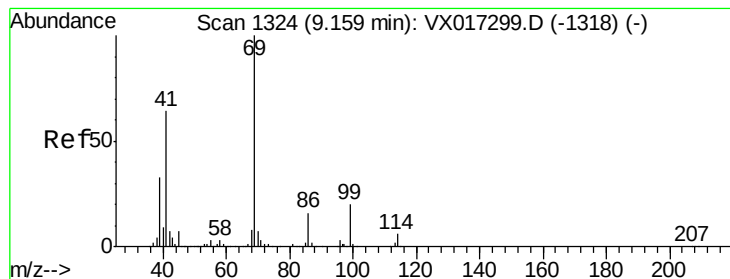
Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Tgt Ion:	97	Resp:	58370
Ion Ratio	Lower	Upper	
97	100		
83	84.0	67.9	101.9
85	55.1	42.6	64.0
99	64.0	50.7	76.1





#51

Ethyl methacrylate

Concen: 18.133 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

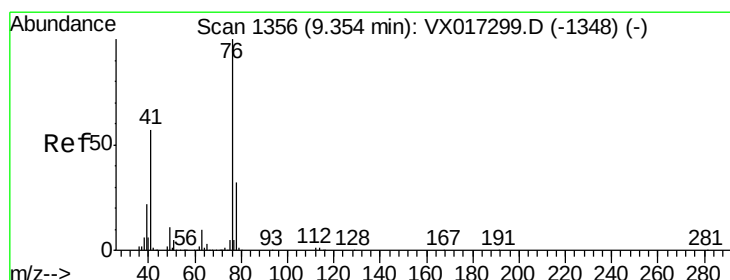
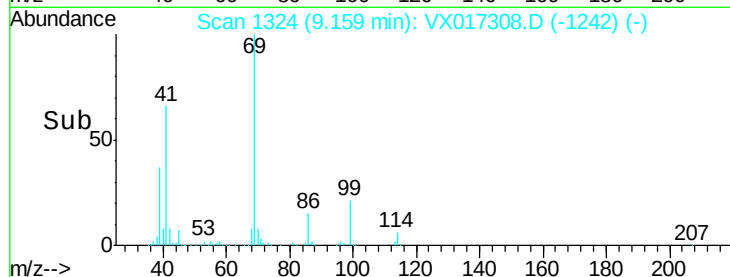
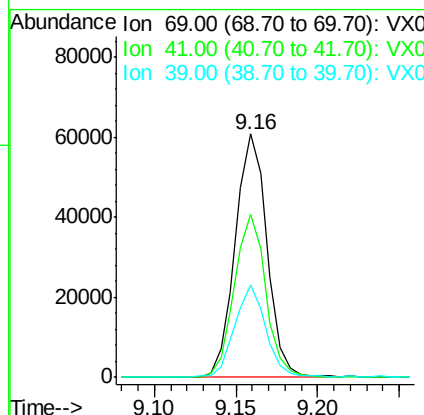
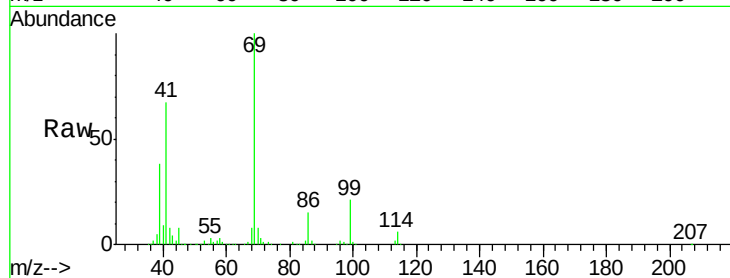
ClientSampleId :

VX0709WBSD01

Tot Ion:	69	Resp:	82591
Ion	Ratio	Lower	Upper
69	100		
41	66.7	32.1	96.5
39	37.8	16.3	48.9

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.992 ug/l

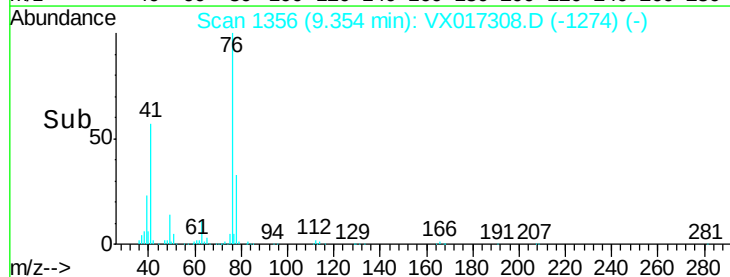
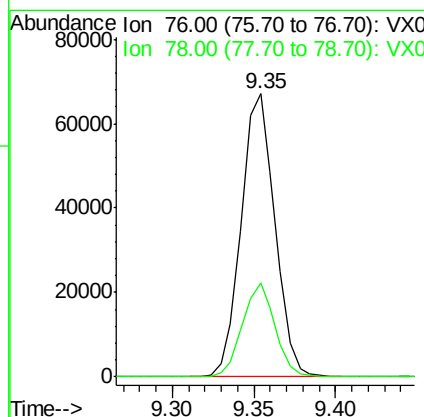
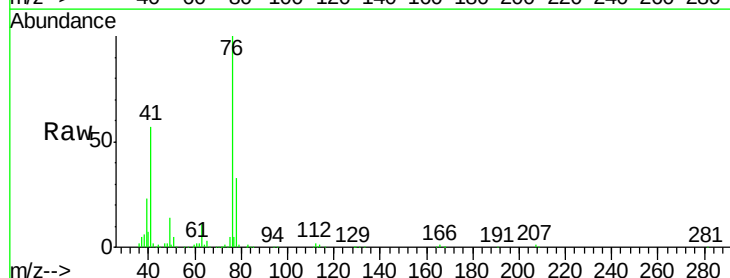
RT: 9.35 min Scan# 1356

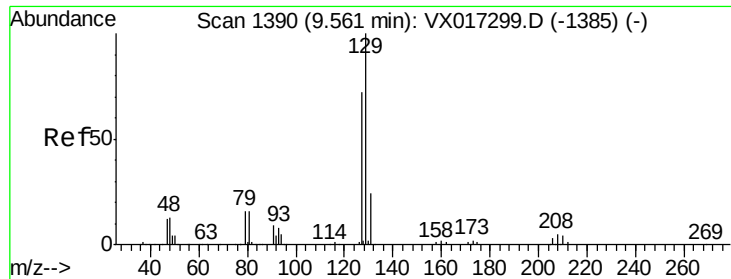
Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Tgt Ion:	76	Resp:	96709
Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	65.6





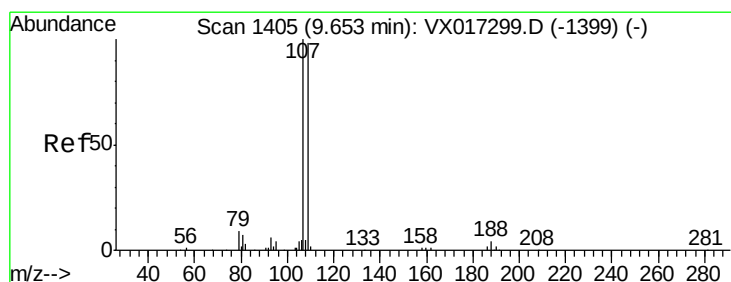
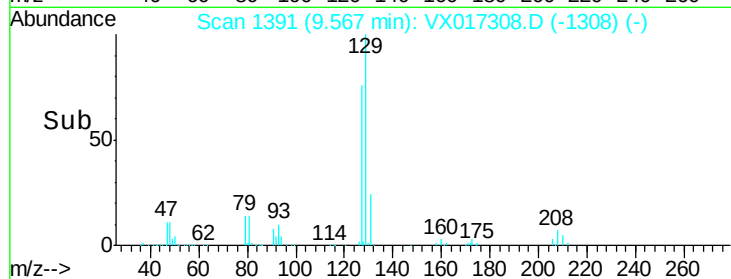
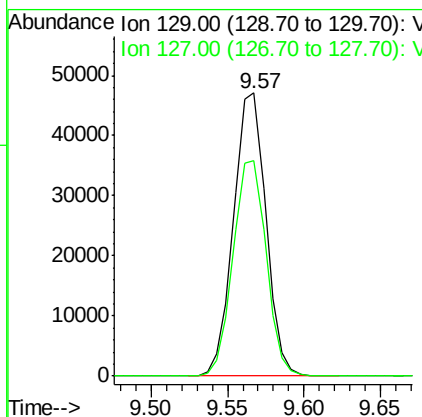
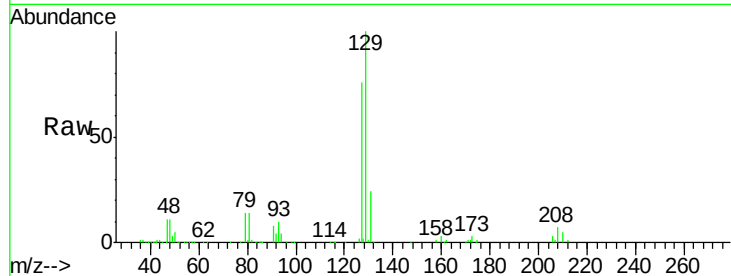
#53
 Dibromochloromethane
 Concen: 18.177 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Tot Ion:129 Resp: 69365
 Ion Ratio Lower Upper
 129 100
 127 77.7 37.5 112.5

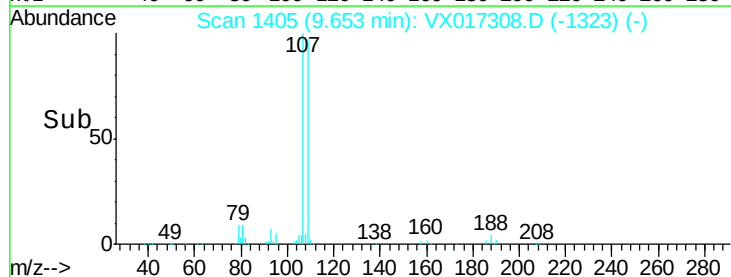
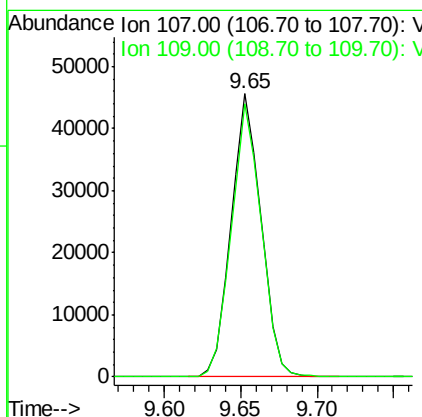
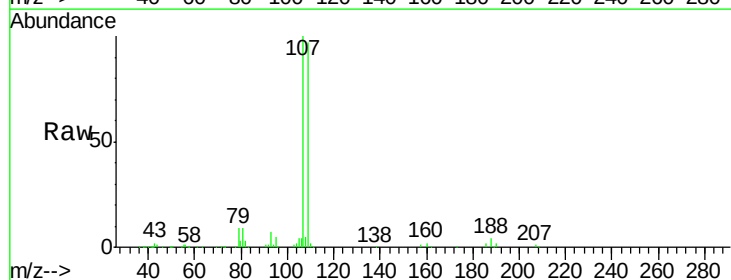
Manual Integrations
 APPROVED

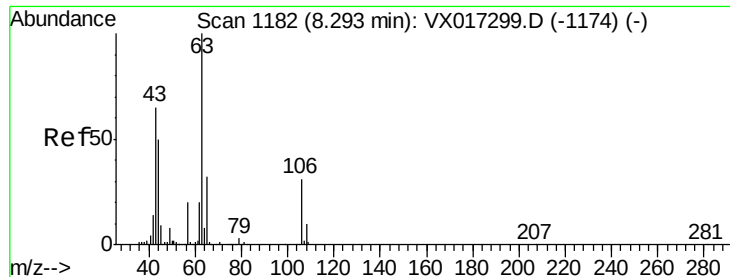
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#54
 1,2-Dibromoethane
 Concen: 18.493 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Tgt Ion:107 Resp: 61812
 Ion Ratio Lower Upper
 107 100
 109 96.9 76.9 115.3





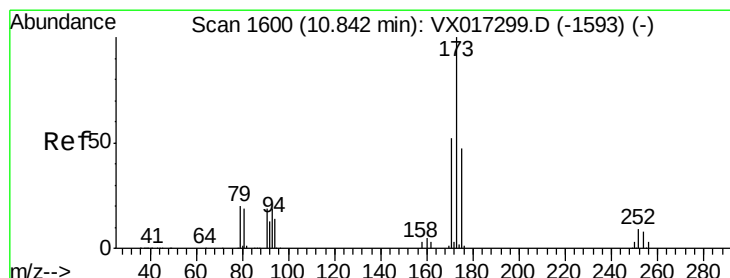
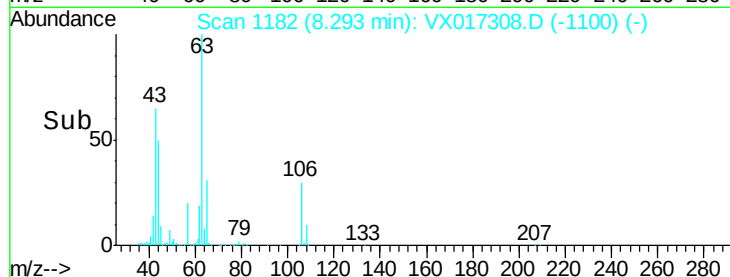
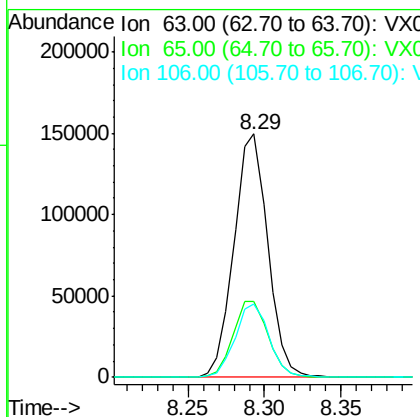
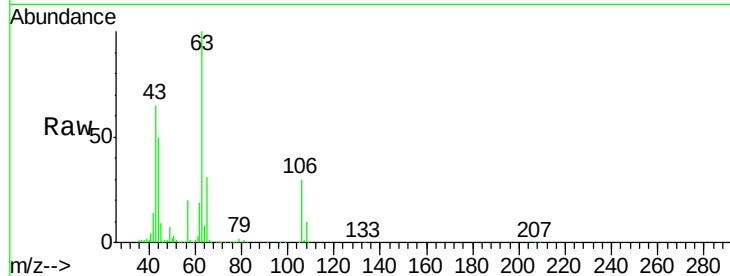
#55
2-Chloroethyl vinyl ether
Concen: 105.105 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.4	38.0
106	30.6	24.5	36.7

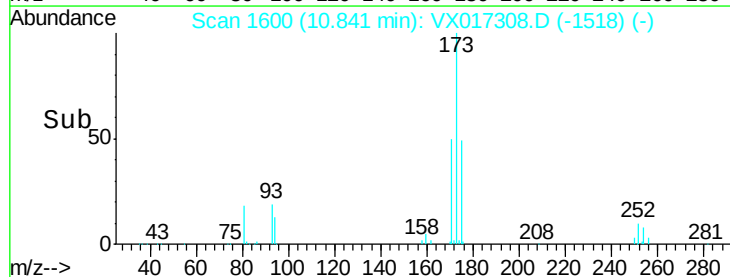
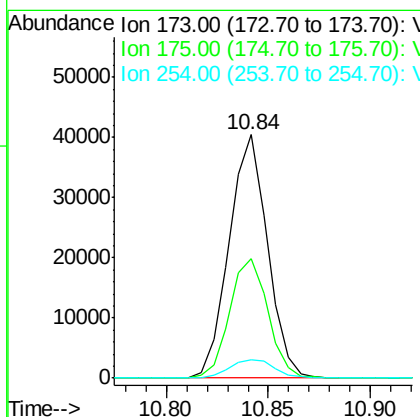
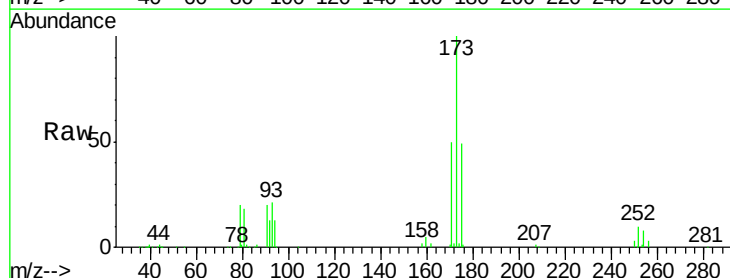
Manual Integrations
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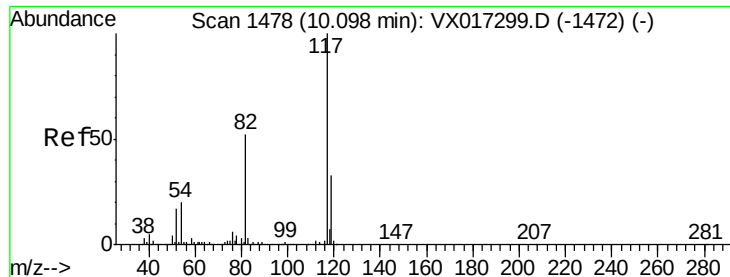
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#56
Bromoform
Concen: 17.743 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	38.4	57.6
254	8.9	7.0	10.4





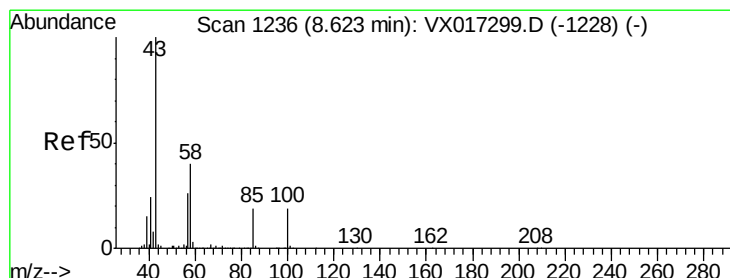
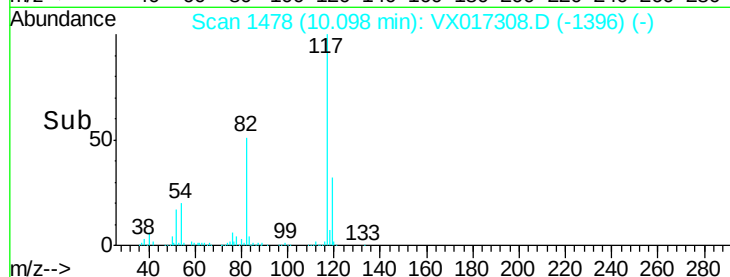
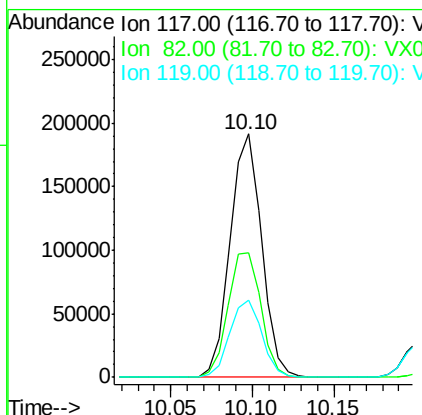
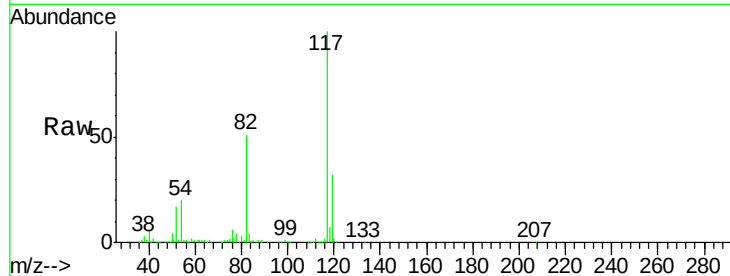
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	257893		
82	53.4		42.2	63.4
119	32.2		26.4	39.6

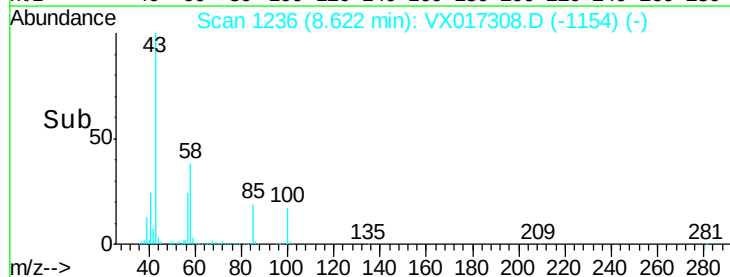
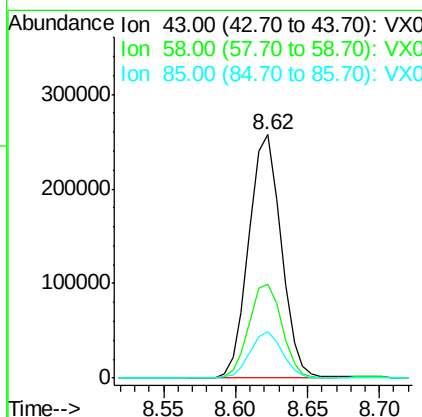
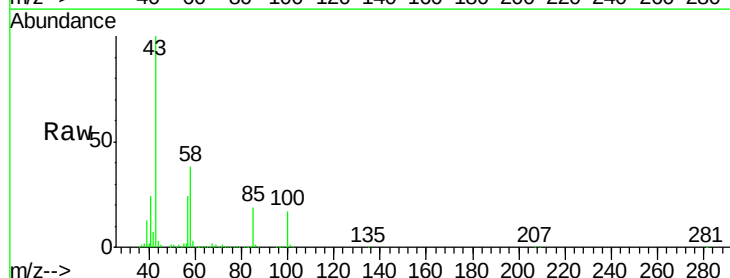
Manual Integrations
APPROVED

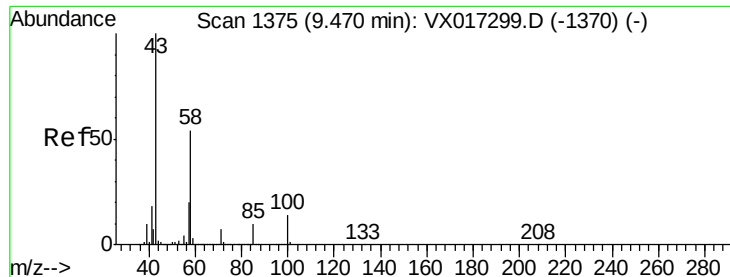
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 98.061 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	400712		
58	39.6		32.2	48.2
85	19.0		14.8	22.2





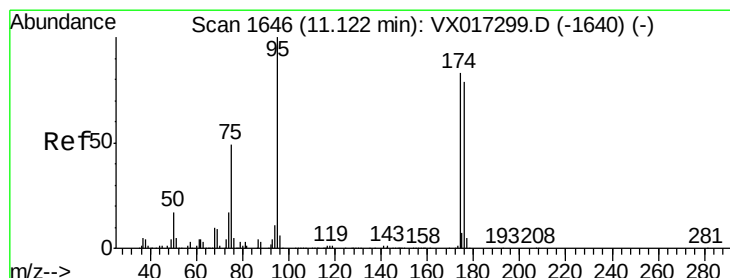
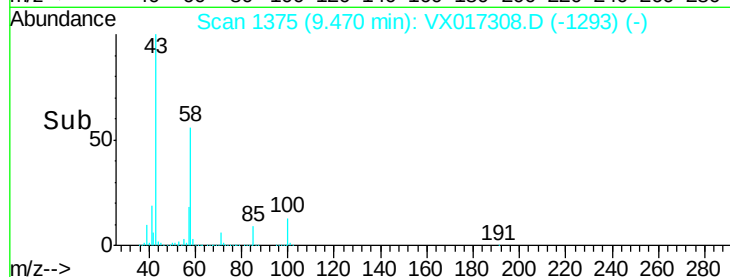
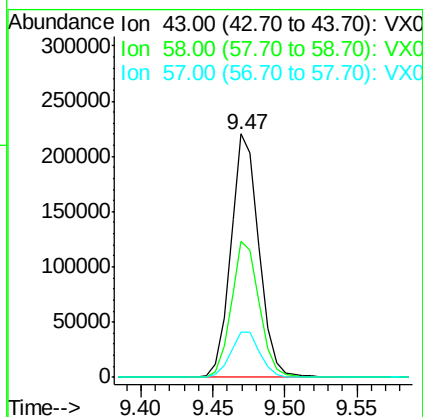
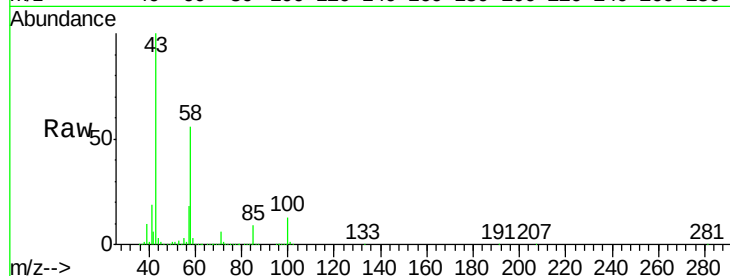
#59
2-Hexanone
Concen: 96.279 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.5	43.4	65.0
57	19.6	15.1	22.7

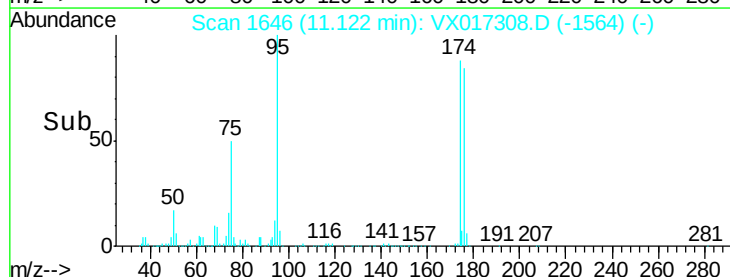
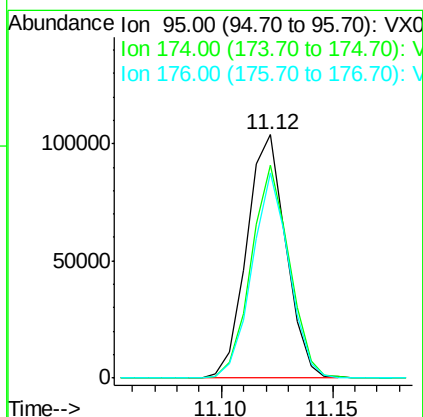
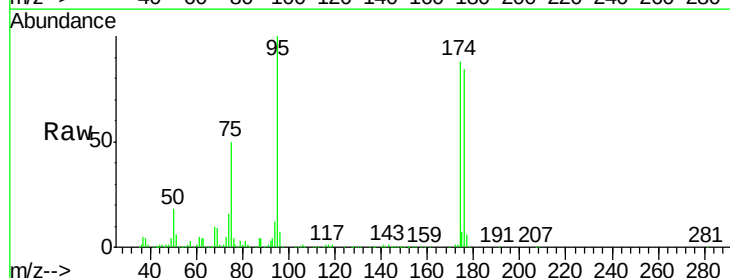
Manual Integrations
APPROVED

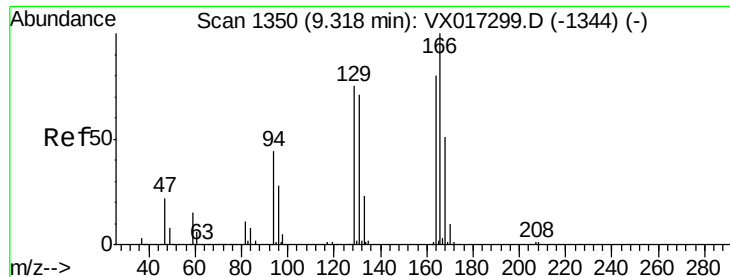
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#60
4-Bromofluorobenzene
Concen: 29.095 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.9	66.9	100.3
176	79.5	65.5	98.3





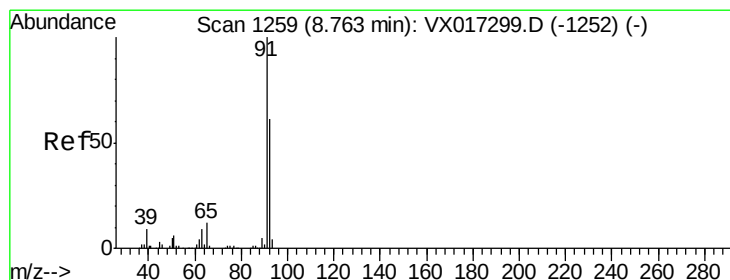
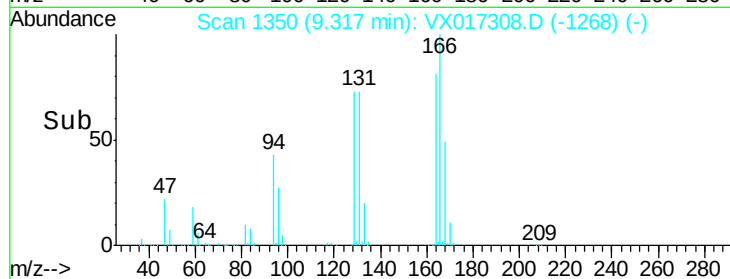
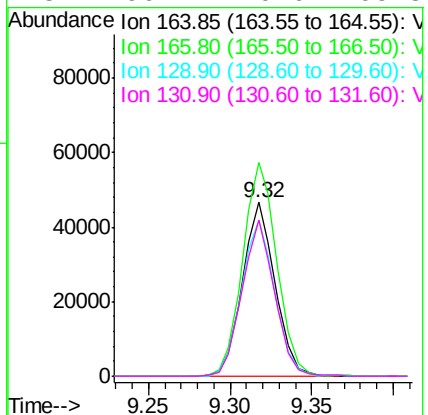
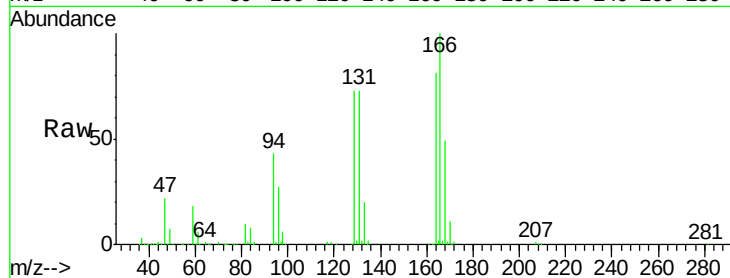
#61
Tetrachloroethene
Concen: 19.757 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	122.9	99.8	149.6
129	89.6	74.4	111.6
131	90.2	70.6	105.8

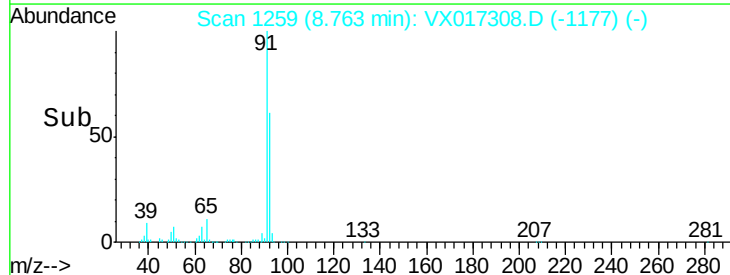
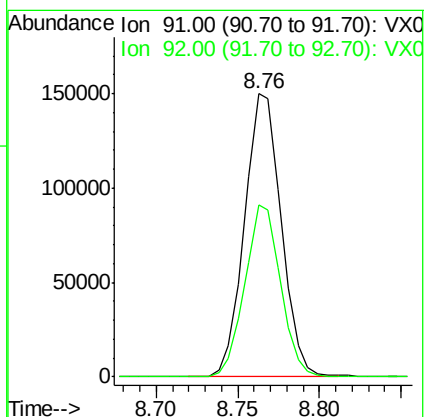
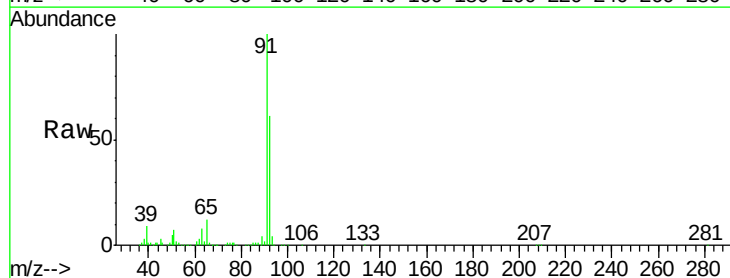
Manual Integrations
APPROVED

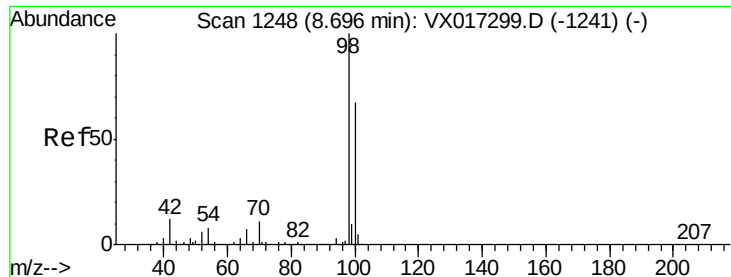
MMDadoda
7/10/2020 12:36:23 PM



#62
Toluene
Concen: 19.300 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.2	47.2	70.8





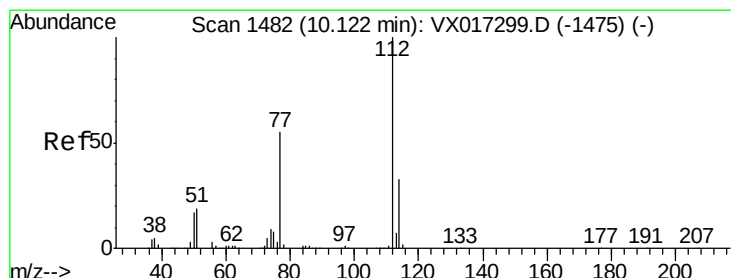
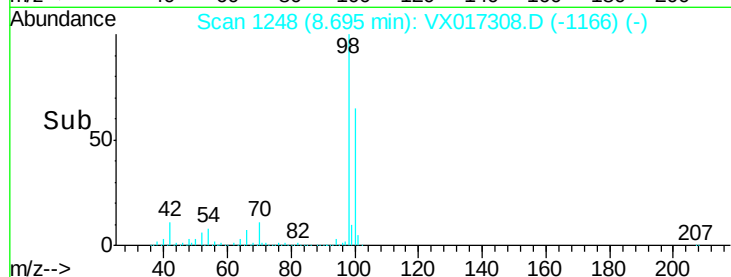
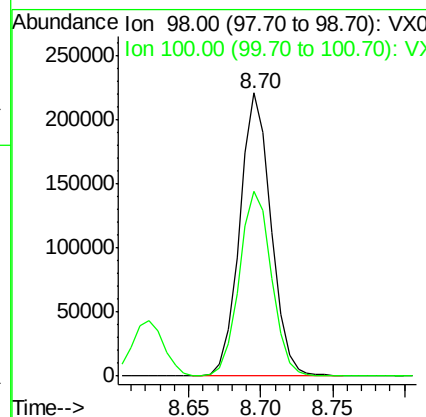
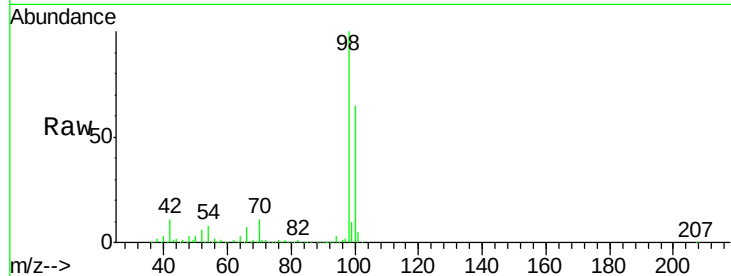
#63
Toluene-d8
Concen: 30.535 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion: 98 Resp: 333096
Ion Ratio Lower Upper
98 100
100 67.5 52.8 79.2

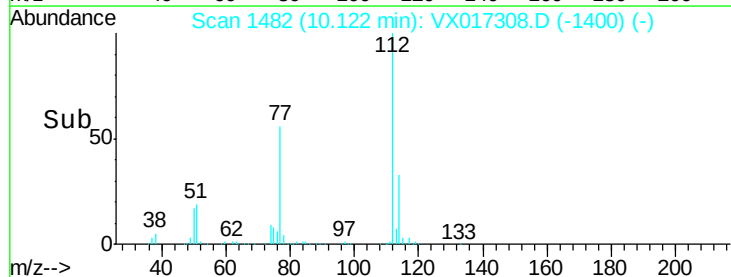
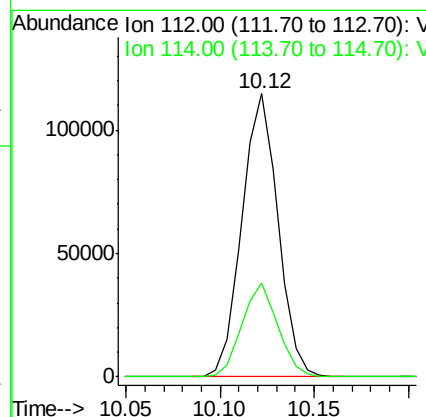
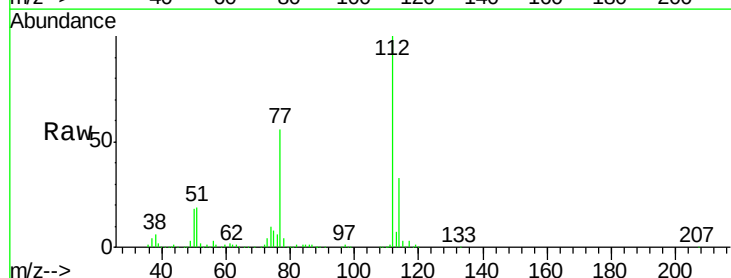
Manual Integrations
APPROVED

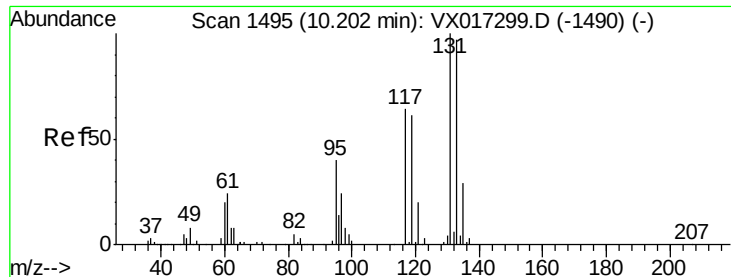
MMDadoda
7/10/2020 12:36:23 PM



#64
Chlorobenzene
Concen: 18.658 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Tgt Ion: 112 Resp: 151978
Ion Ratio Lower Upper
112 100
114 33.2 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.832 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

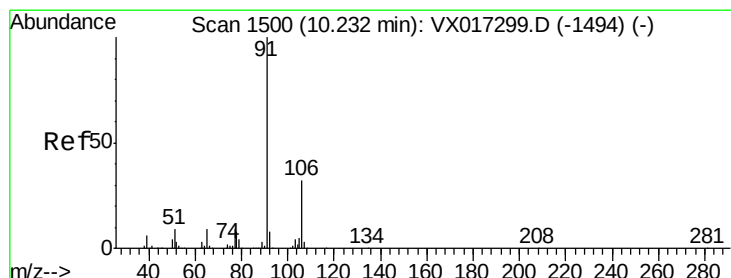
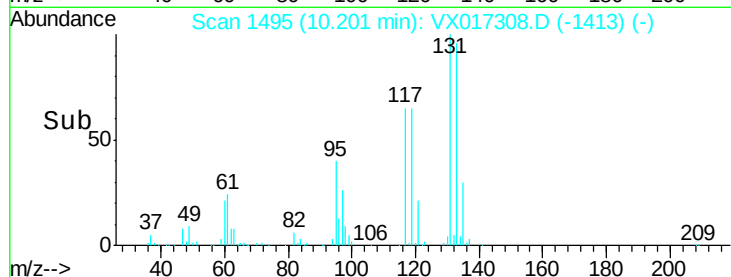
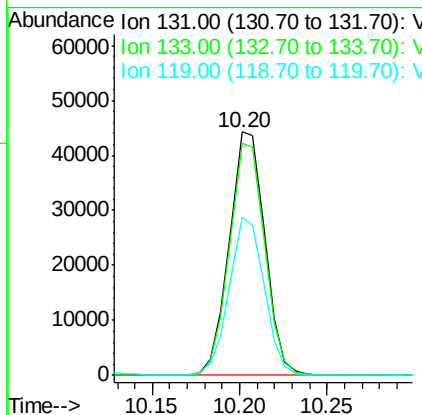
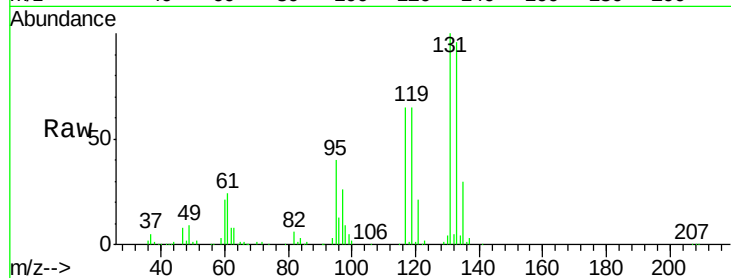
ClientSampleId :

VX0709WBSD01

Tot Ion:	131	Resp:	62673
Ion	Ratio	Lower	Upper
131	100		
133	95.0	0.0	196.8
119	64.4	0.0	126.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.699 ug/l

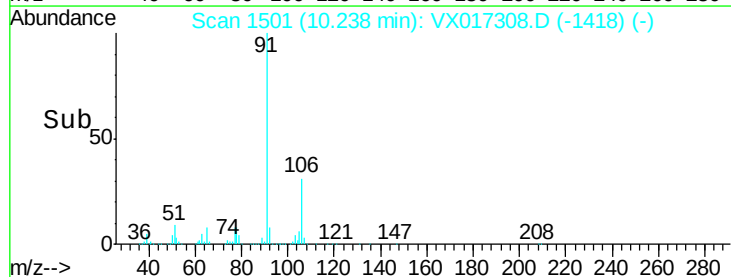
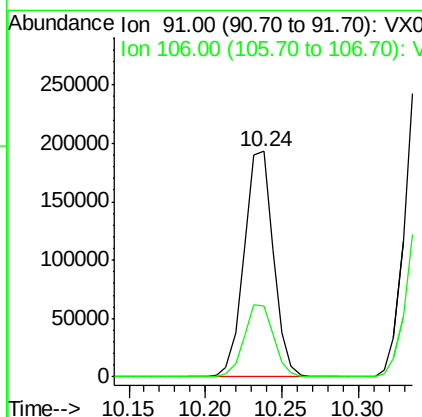
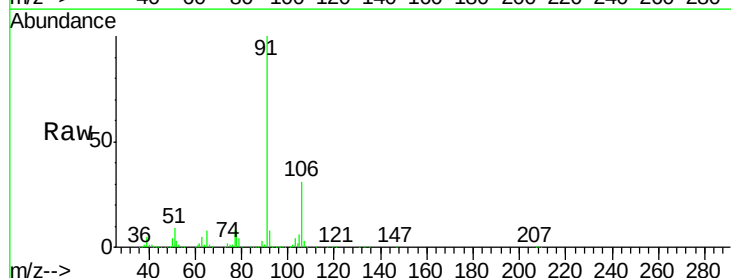
RT: 10.24 min Scan# 1501

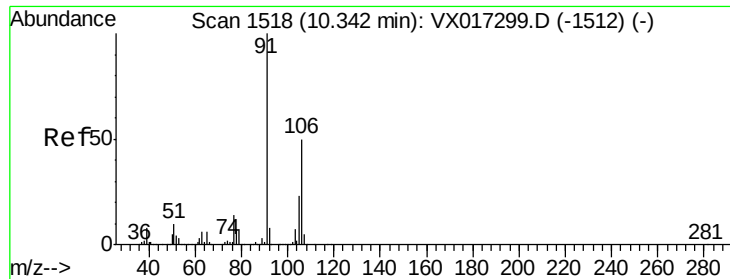
Delta R.T. 0.01 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Tgt Ion:	91	Resp:	256902
Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.2	37.8





#67

m/p-Xylenes

Concen: 38.041 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

ClientSampled :

VX0709WBSD01

Tot Ion:106 Resp: 201910

Ion Ratio Lower Upper

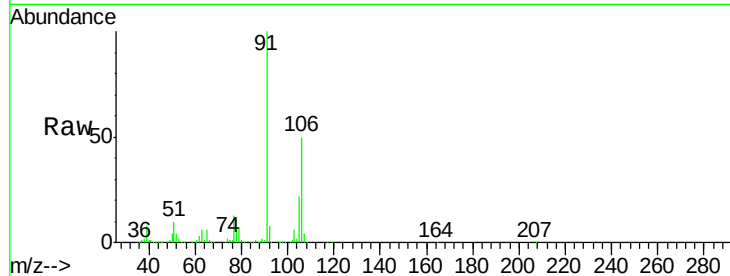
106 100

91 202.2 159.7 239.5

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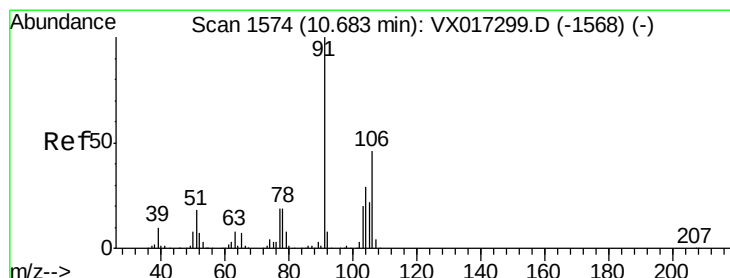
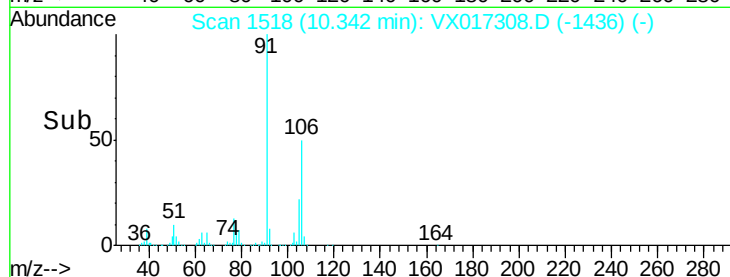
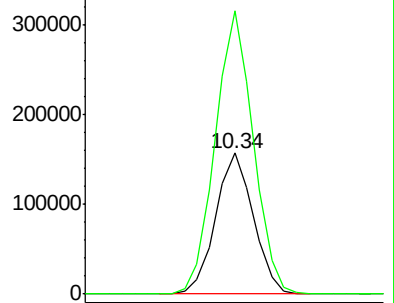
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.604 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017308.D

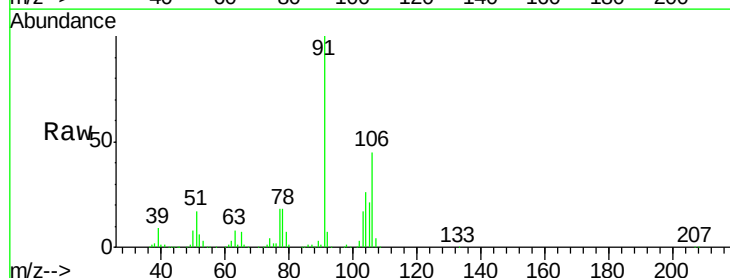
Acq: 09 Jul 2020 15:26

Tgt Ion:106 Resp: 93834

Ion Ratio Lower Upper

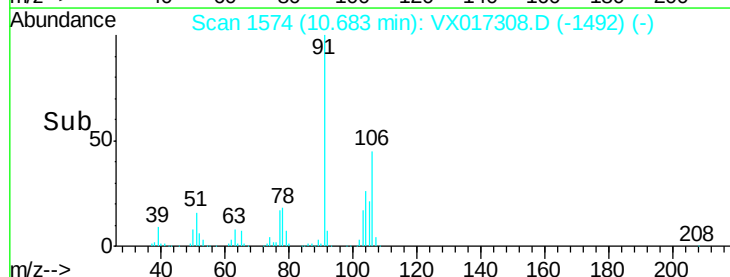
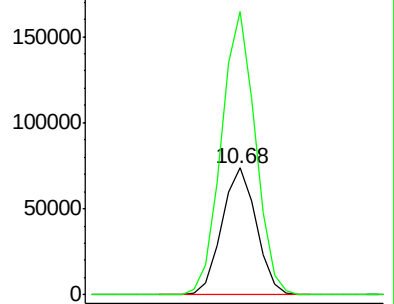
106 100

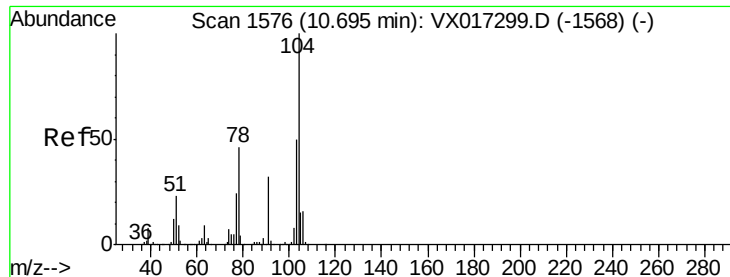
91 219.0 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





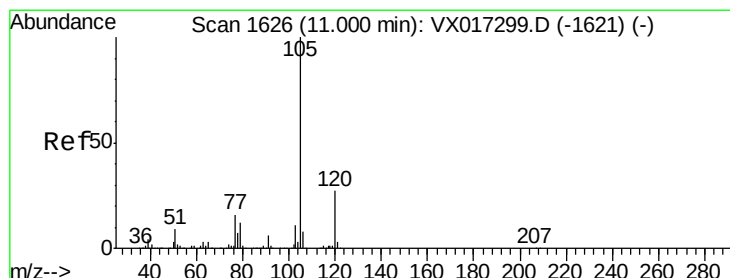
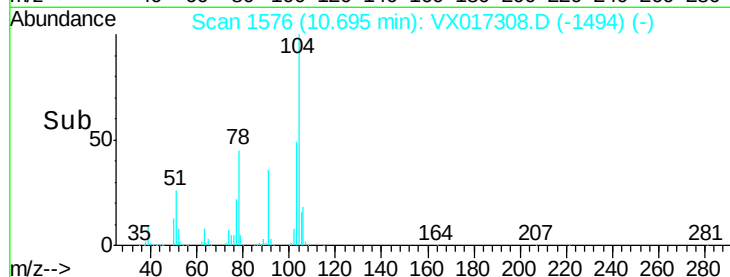
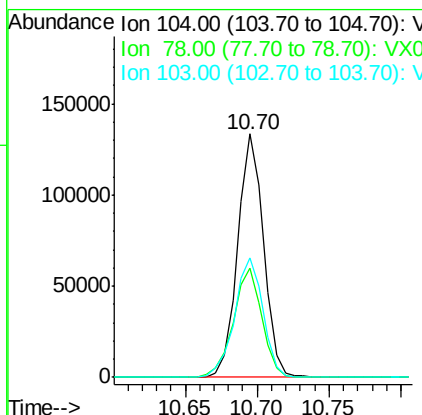
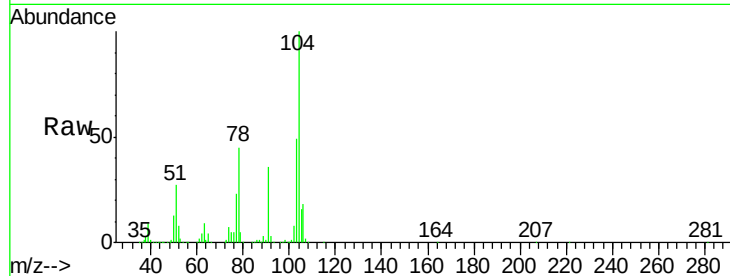
#69
Stvrene
Concen: 18.654 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.8	40.8	61.2
103	54.0	44.3	66.5

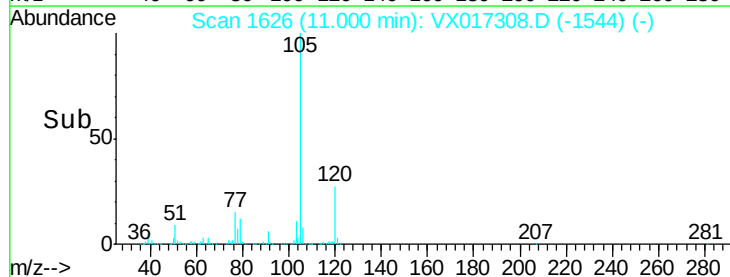
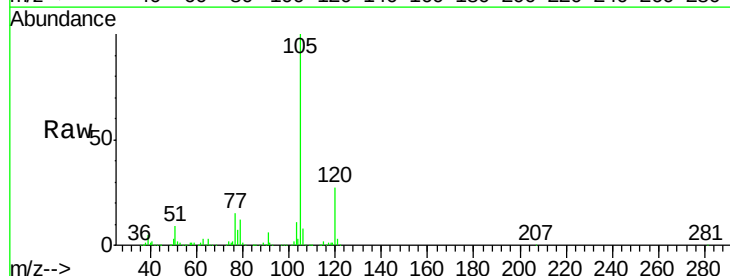
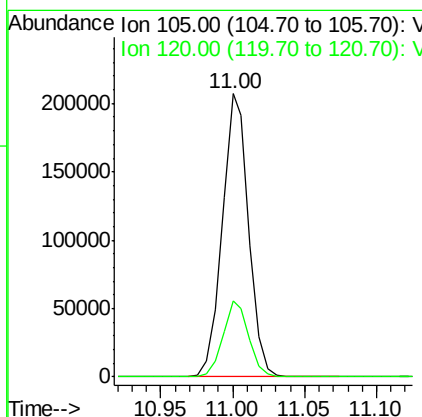
Manual Integrations
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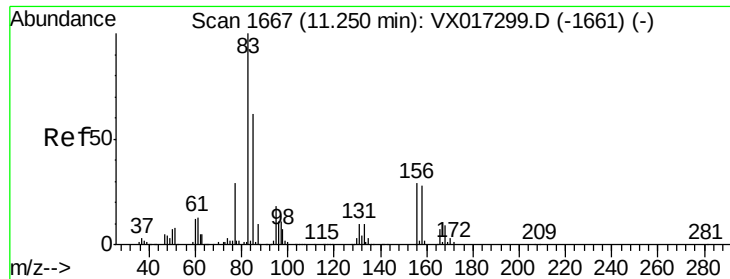
MMDadoda
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#70
Isopropylbenzene
Concen: 19.165 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	19.3	35.8





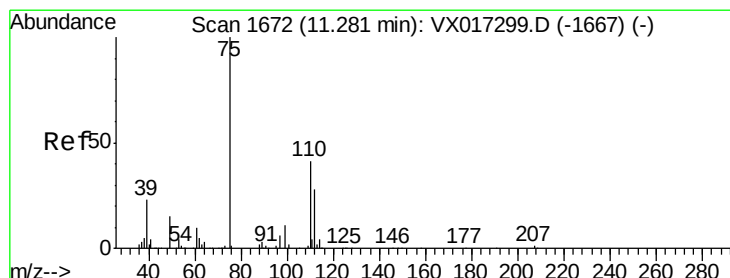
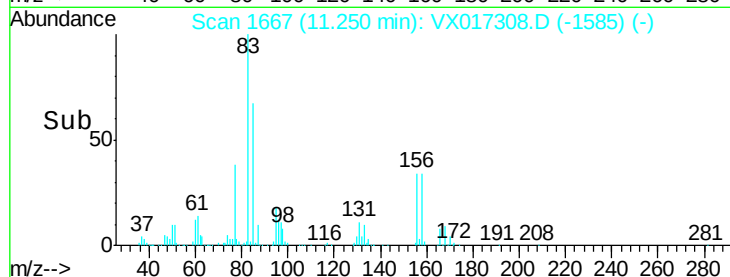
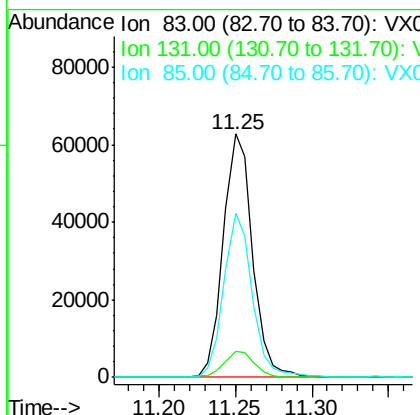
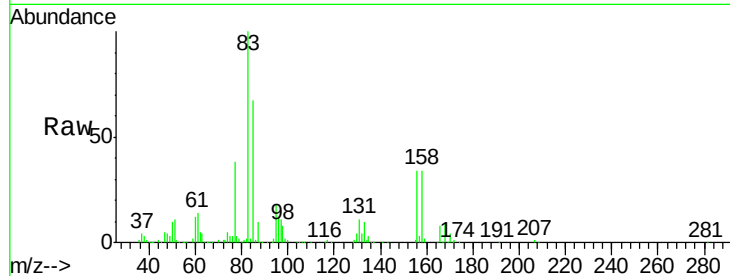
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.195 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.5	16.5
85	65.7	31.5	94.5

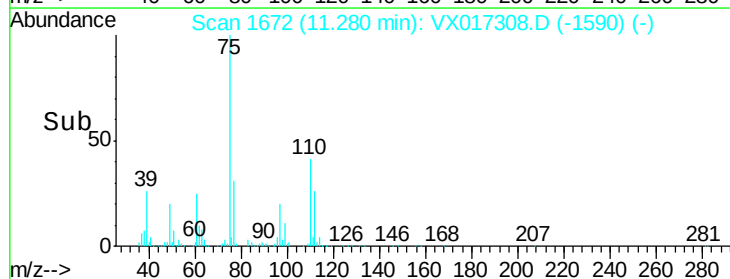
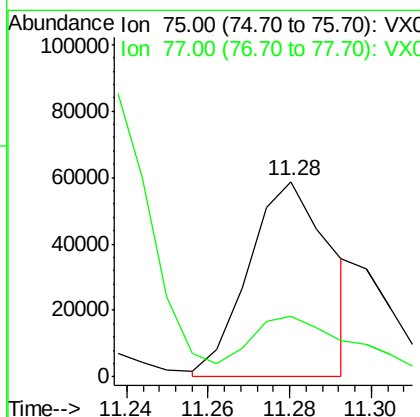
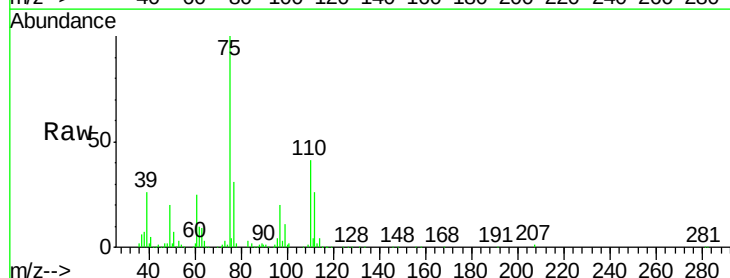
Manual Integrations
 APPROVED

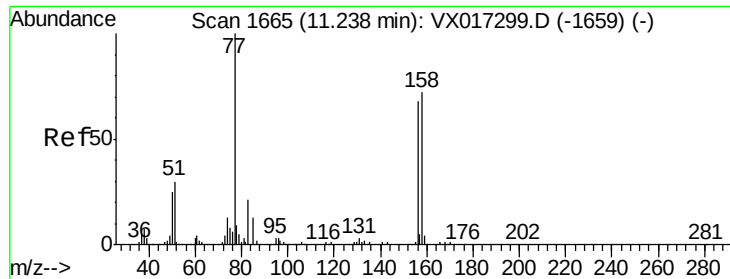
MMDadoda
 7/10/2020 12:36:23 PM



#72
 1,2,3-Trichloropropane
 Concen: 19.260 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.5	0.0	72.2





#73

Bromobenzene

Concen: 18.622 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

Tot Ion:156 Resp: 72388

Ion Ratio Lower Upper

156 100

77 150.7 0.0 299.2

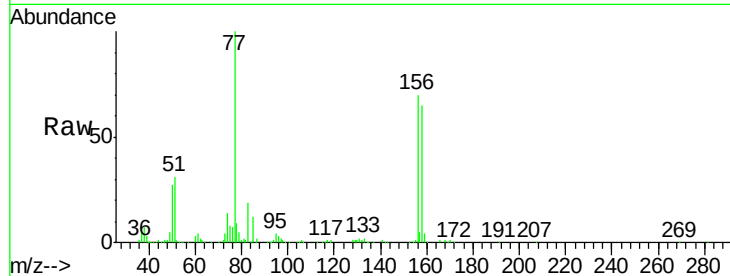
158 95.7 0.0 199.0

Manual Integrations

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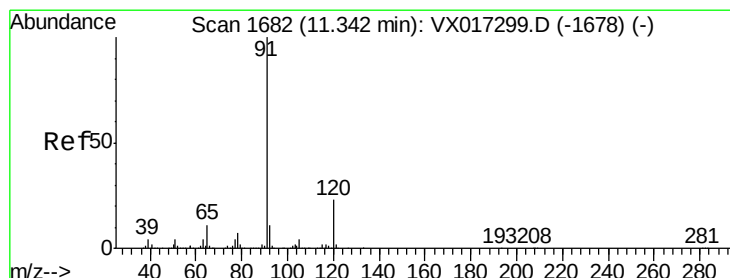
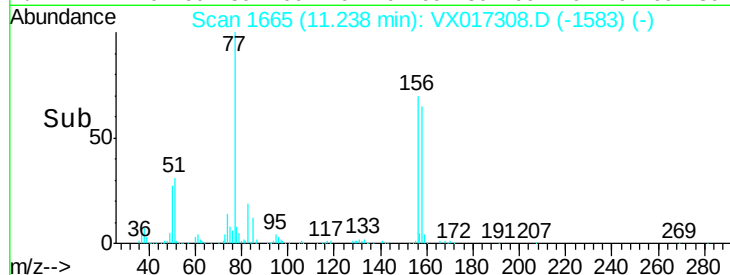
Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V

11.24

Time-->



#74

n-propylbenzene

Concen: 18.851 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017308.D

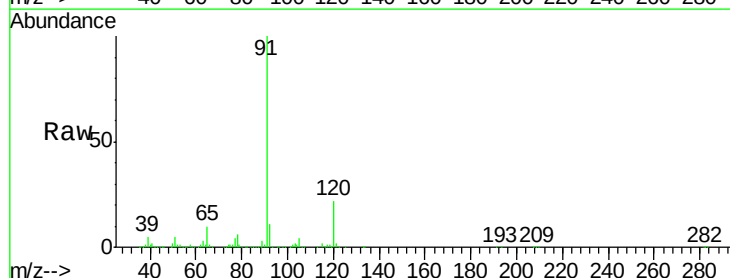
Acq: 09 Jul 2020 15:26

Tgt Ion: 91 Resp: 302138

Ion Ratio Lower Upper

91 100

120 23.6 0.0 48.4

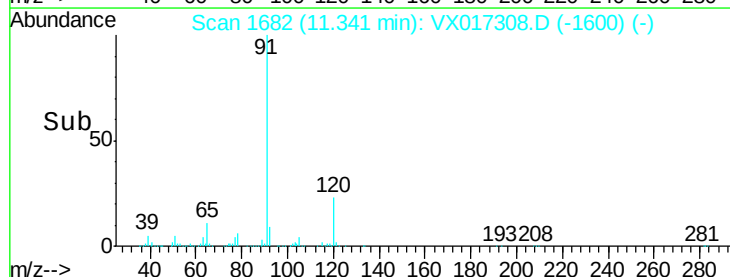


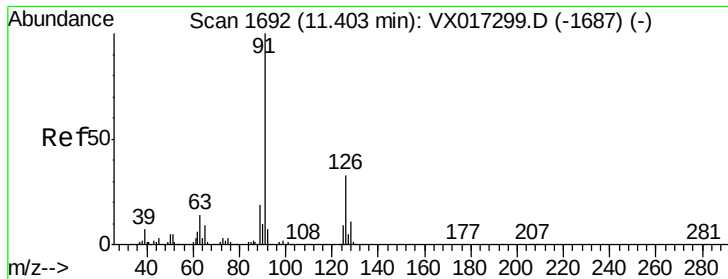
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.34

Time-->





#75

2-Chlorotoluene

Concen: 18.659 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017308.D

Acq: 09 Jul 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

Tot Ion: 91 Resp: 182316

Ion Ratio Lower Upper

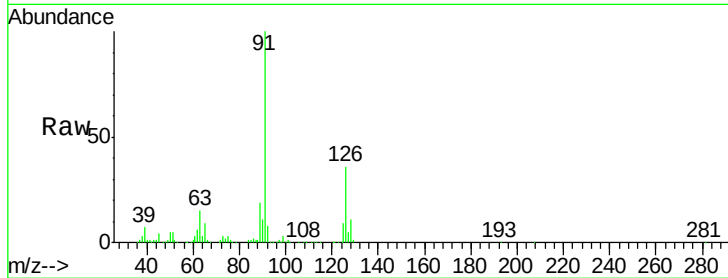
91 100

126 35.7 0.0 68.4

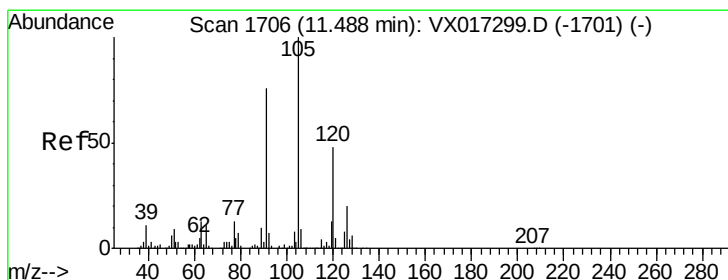
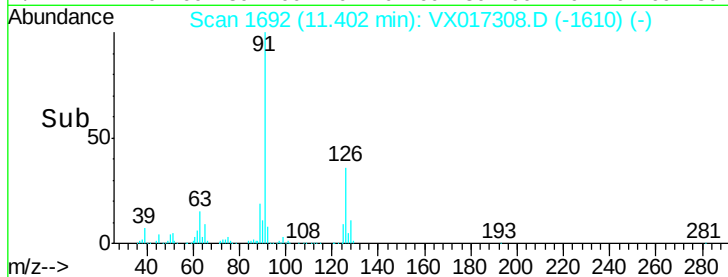
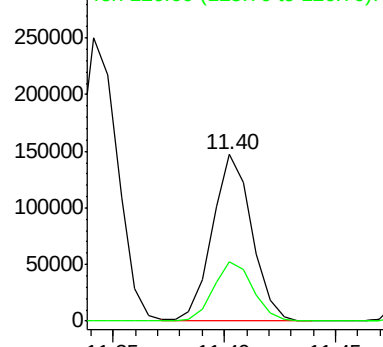
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.794 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017308.D

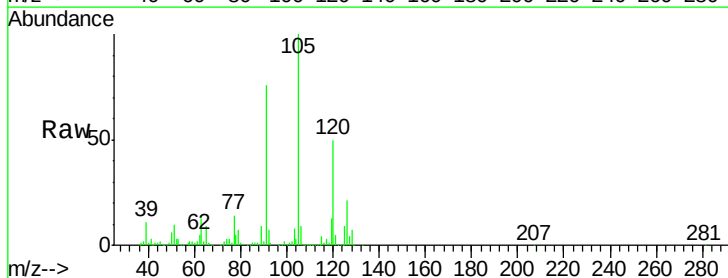
Acq: 09 Jul 2020 15:26

Tgt Ion: 105 Resp: 223091

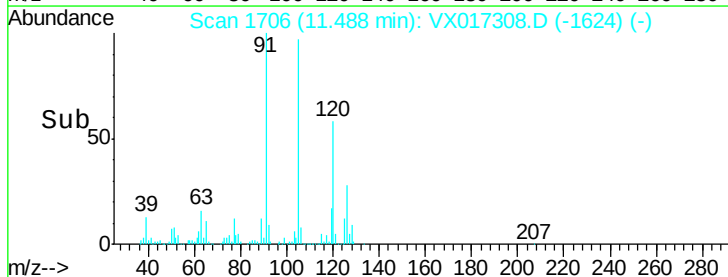
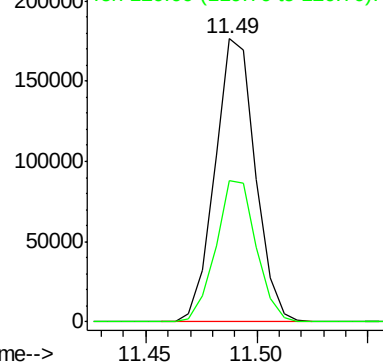
Ion Ratio Lower Upper

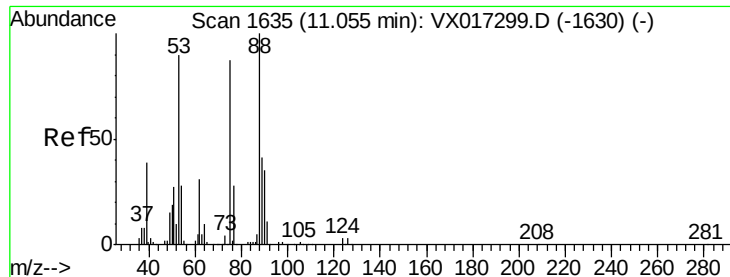
105 100

120 49.8 0.0 98.8



Abundance Ion 105.00 (104.70 to 105.70): V





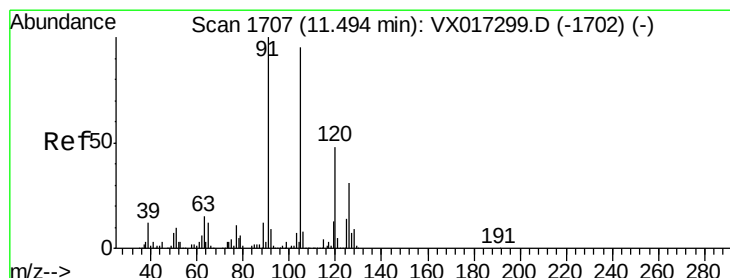
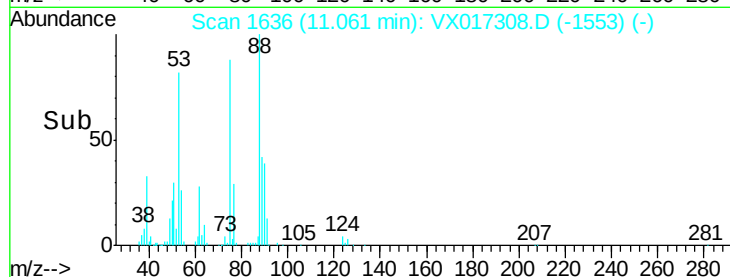
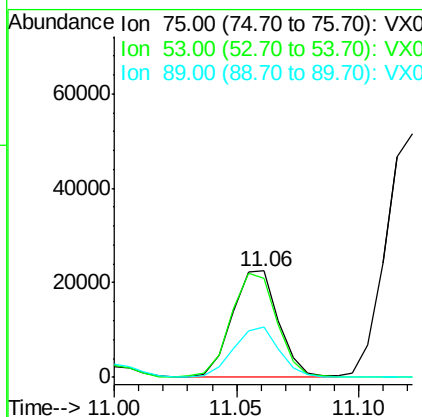
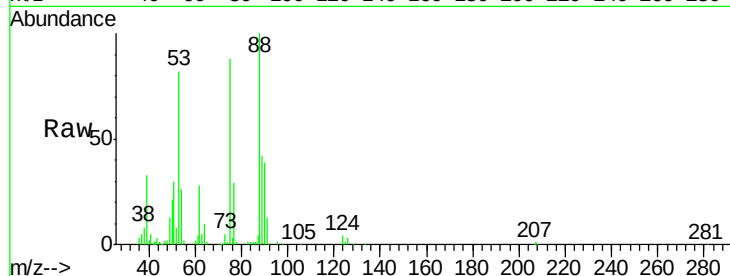
#77
t-1,4-Dichloro-2-butene
Concen: 18.404 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.9	52.1	156.3
89	47.9	23.7	71.1

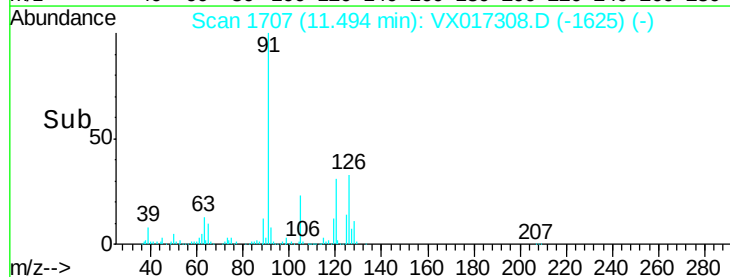
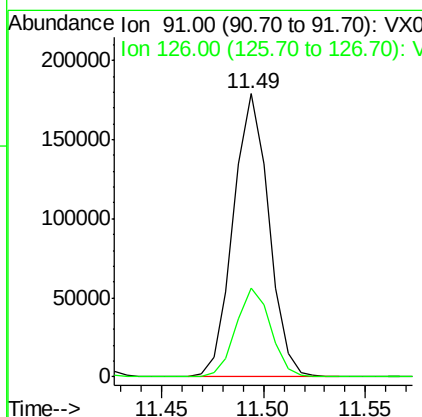
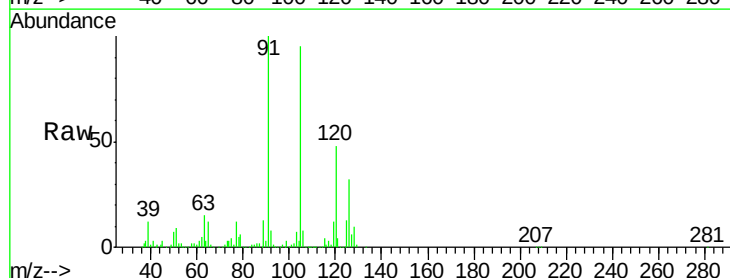
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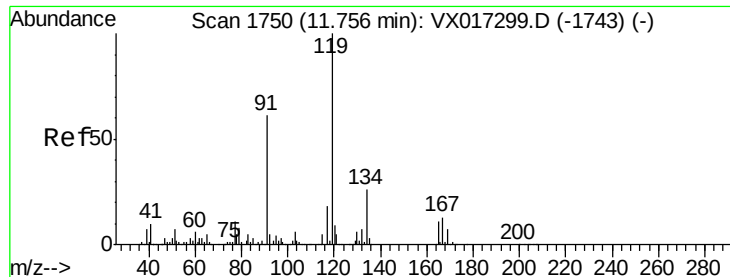
MMDadoda
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#78
4-Chlorotoluene
Concen: 18.692 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	0.0	61.2





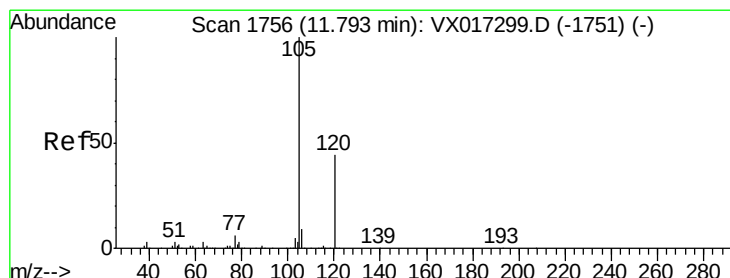
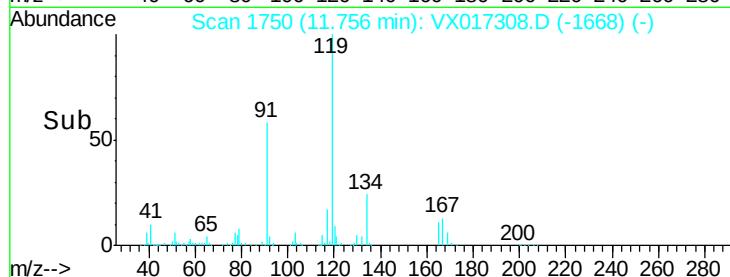
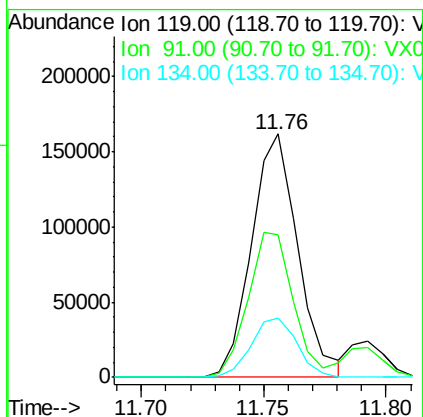
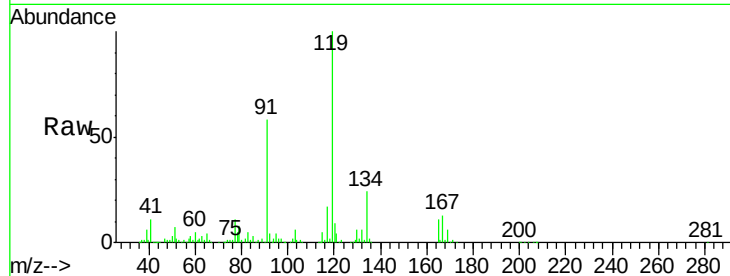
#79
tert-butylbenzene
Concen: 18.620 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	214472		
91	57.7	0.0	113.6	
134	24.3	0.0	48.0	

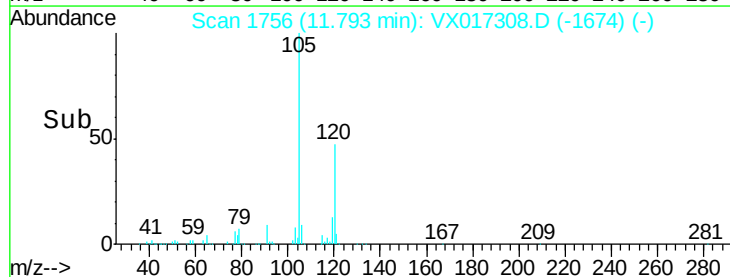
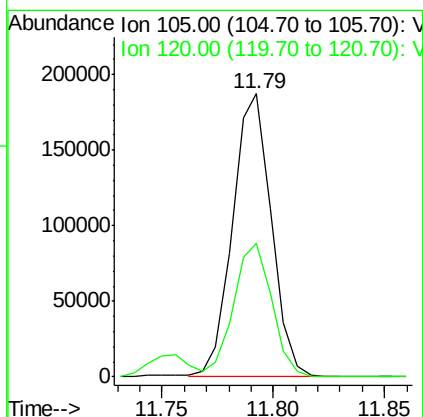
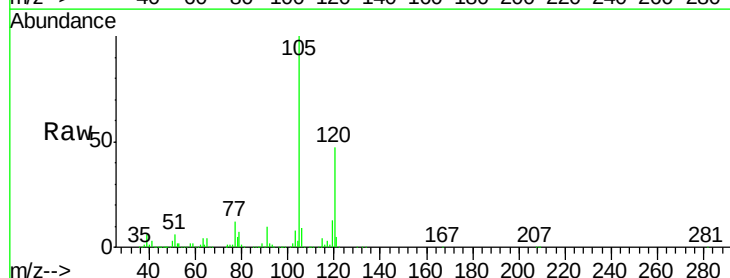
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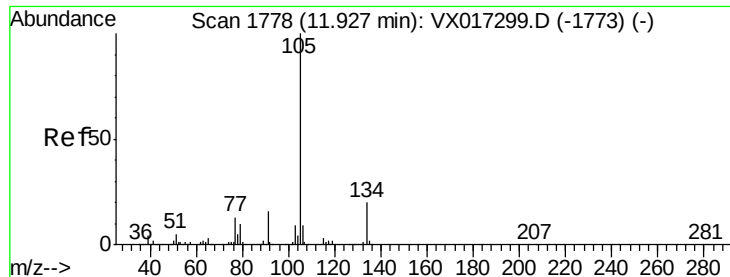
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#80
1,2,4-Trimethylbenzene
Concen: 18.920 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	226580		
120	46.4	0.0	93.6	





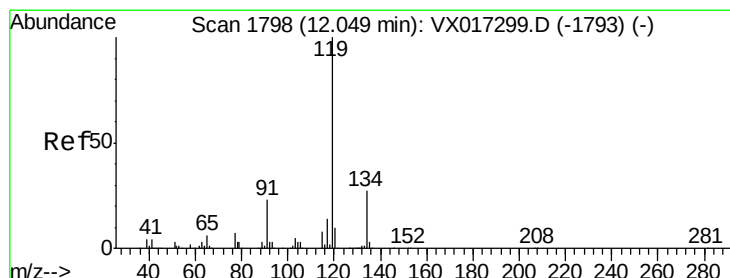
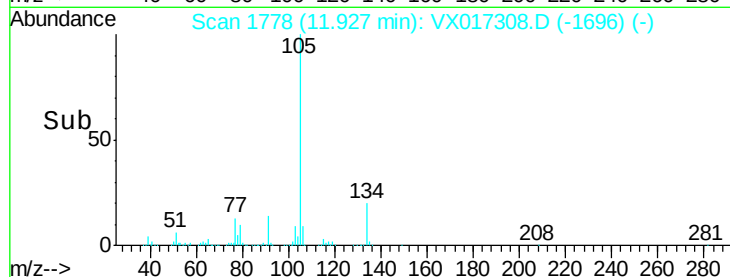
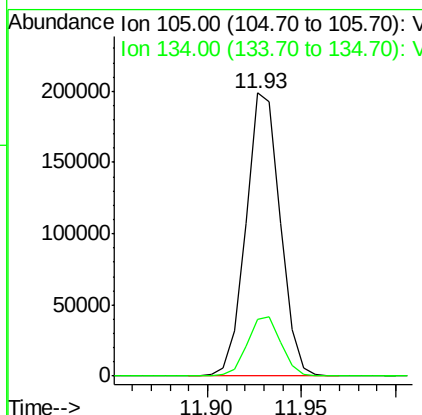
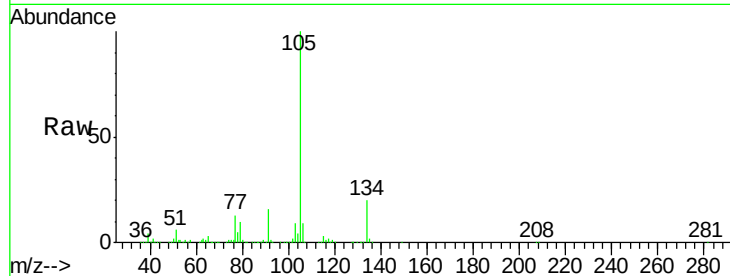
#81
 sec-Butylbenzene
 Concen: 18.835 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	250064		
134	20.8	0.0	41.8	

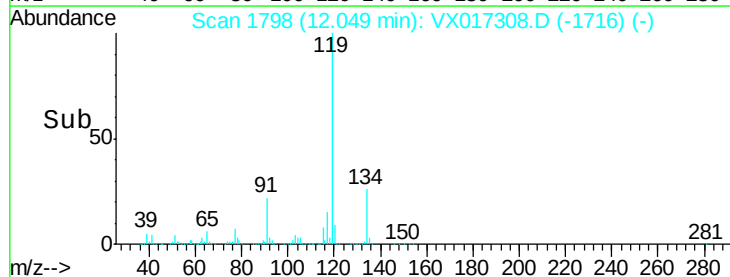
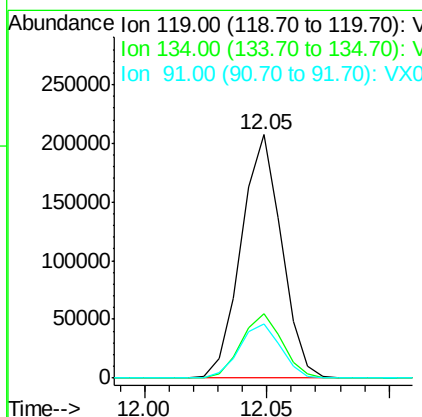
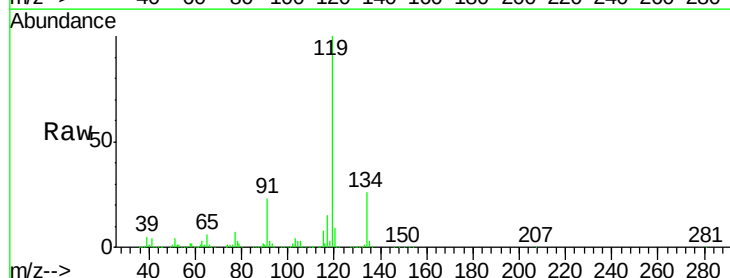
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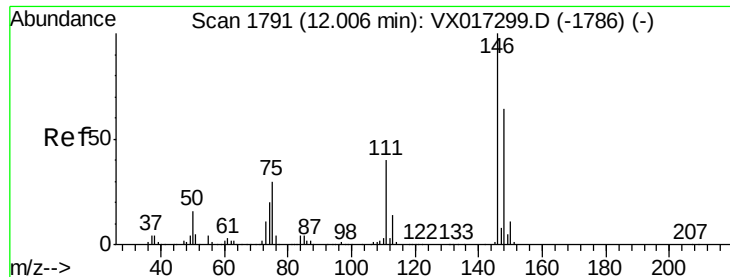
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#82
 p-Isopropyltoluene
 Concen: 18.982 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	238300		
134	26.7	0.0	53.6	
91	23.3	0.0	48.0	





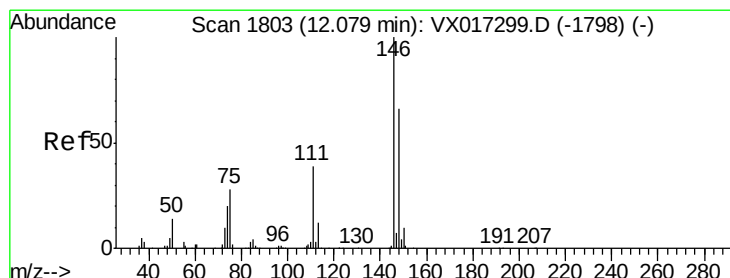
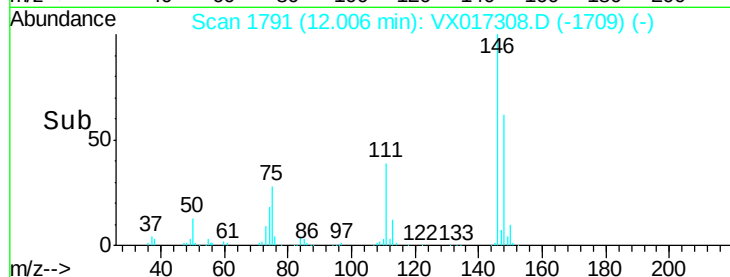
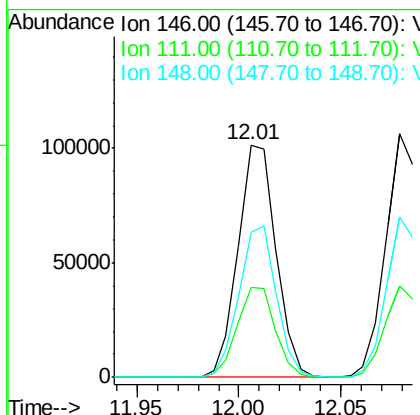
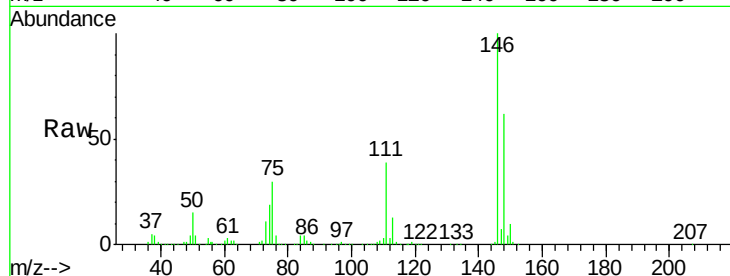
#83
 1,3-Dichlorobenzene
 Concen: 18.812 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	64.3	31.8	95.3

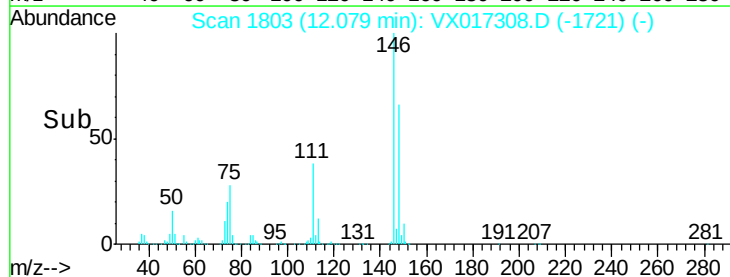
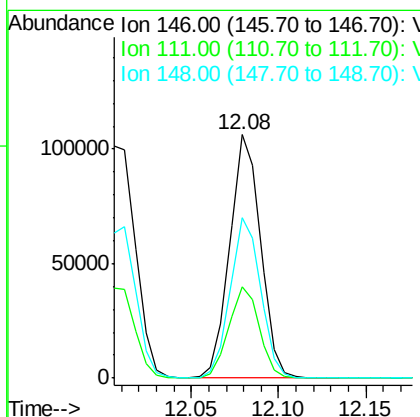
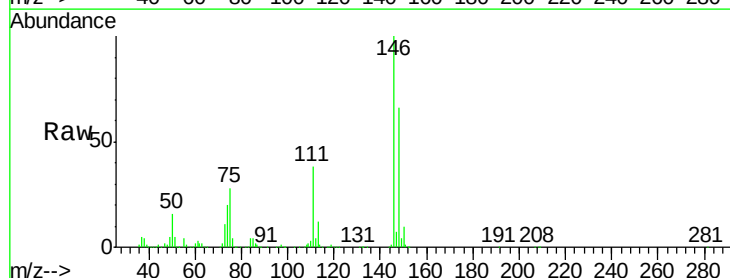
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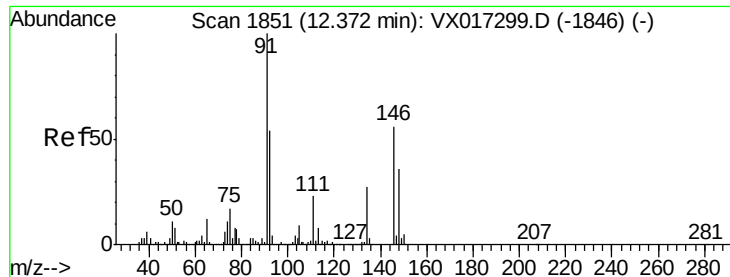
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#84
 1,4-Dichlorobenzene
 Concen: 18.408 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.1	57.3
148	65.3	32.6	97.8





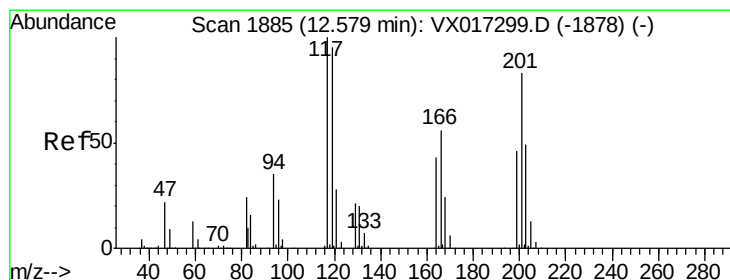
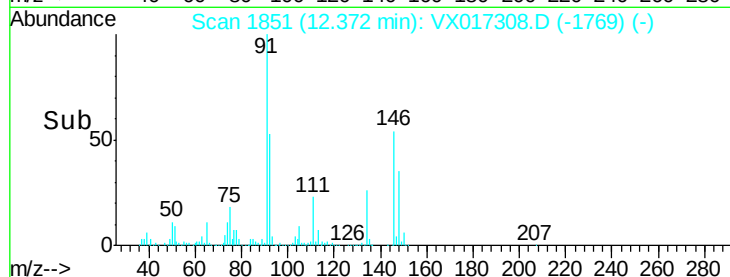
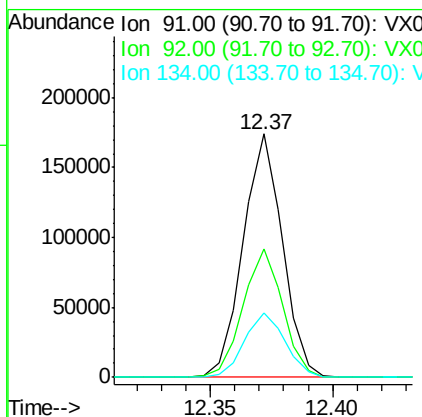
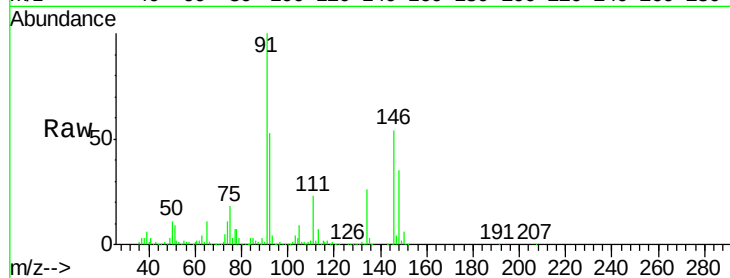
#85
n-Butylbenzene
Concen: 18.271 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	193818		
92	53.6	0.0	108.2	
134	27.4	0.0	54.2	

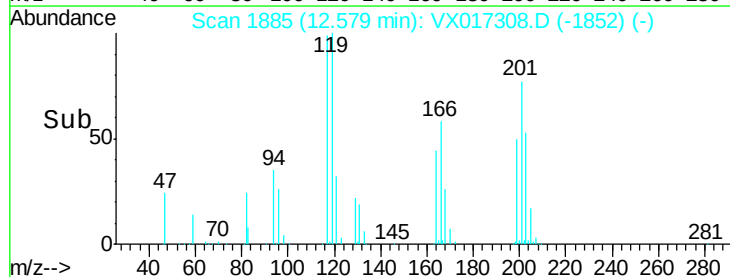
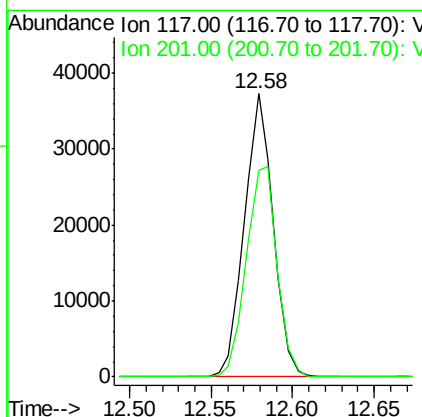
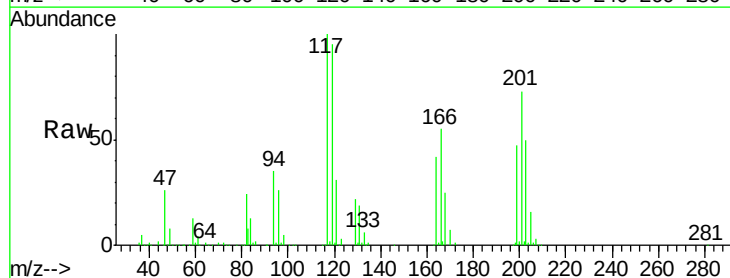
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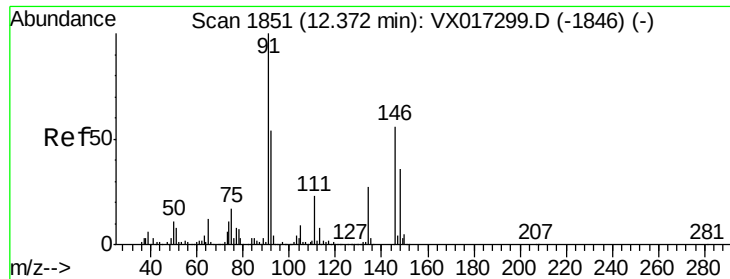
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#86
Hexachloroethane
Concen: 18.914 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	45935		
201	79.8	41.0	123.0	





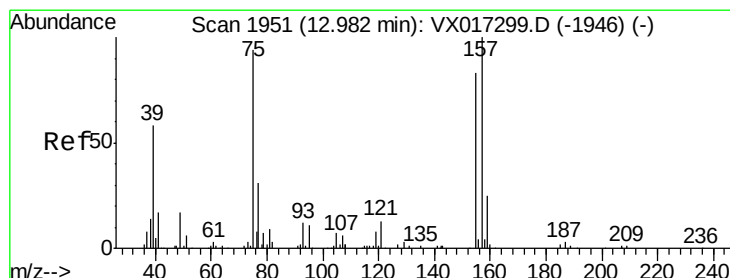
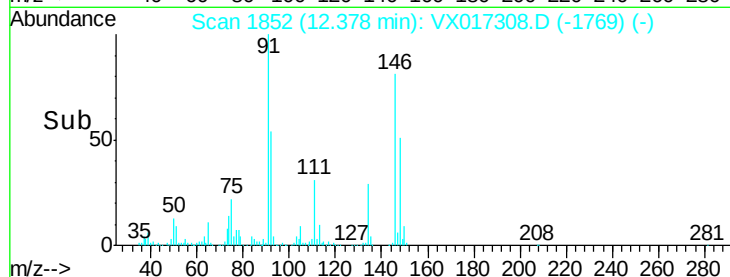
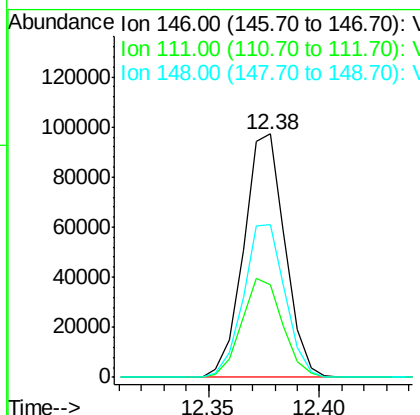
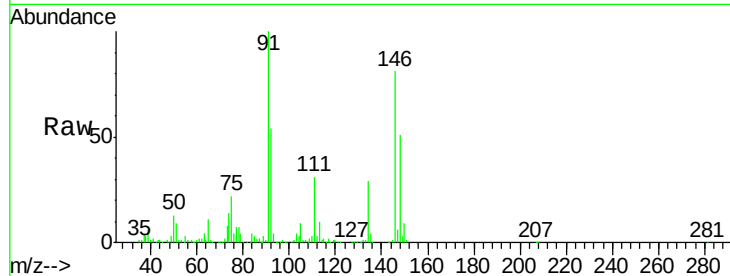
#87
 1,2-Dichlorobenzene
 Concen: 18.699 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.6	61.9
148	63.6	31.6	94.8

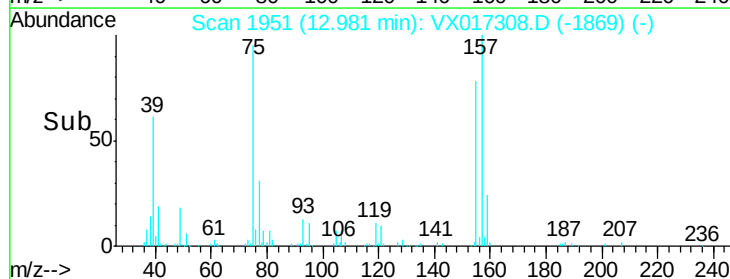
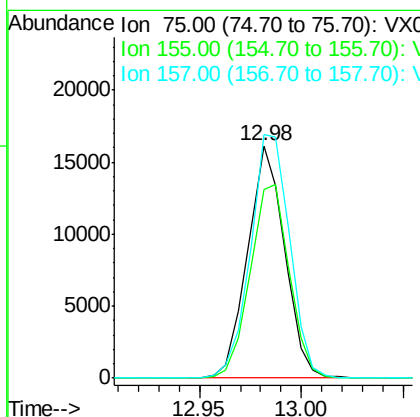
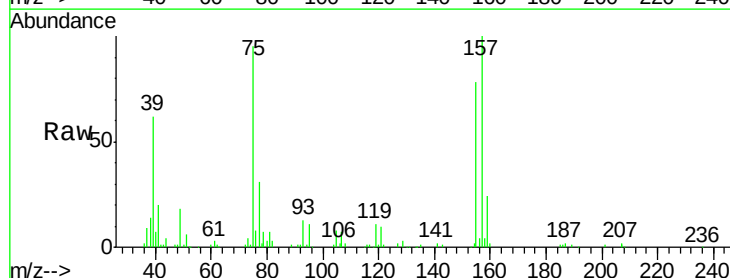
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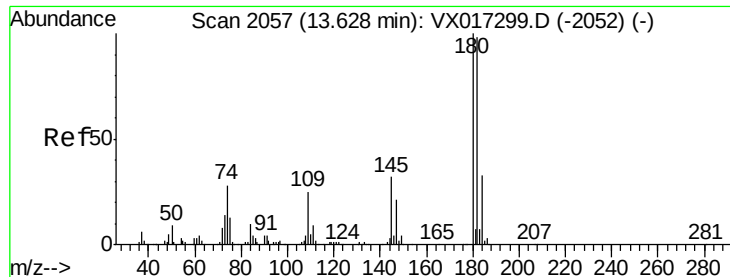
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.406 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.2	73.4	110.0
157	111.6	90.5	135.7





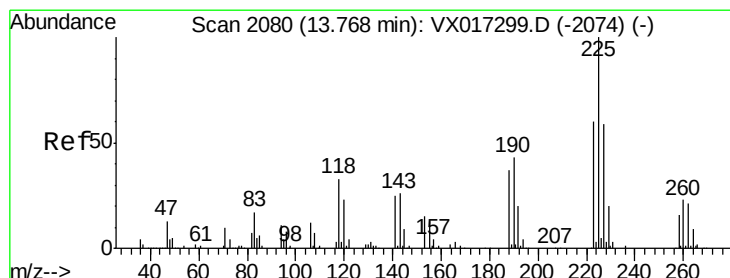
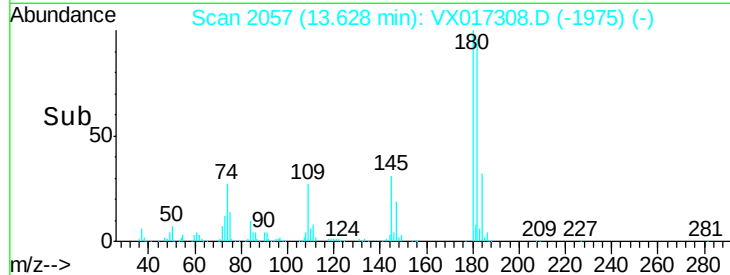
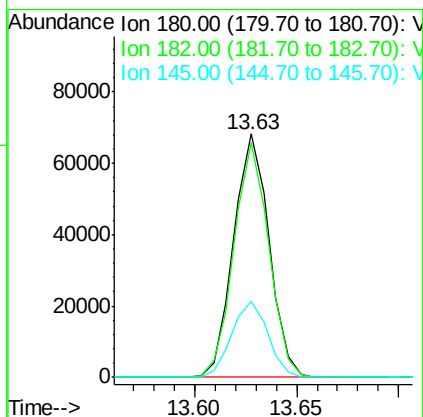
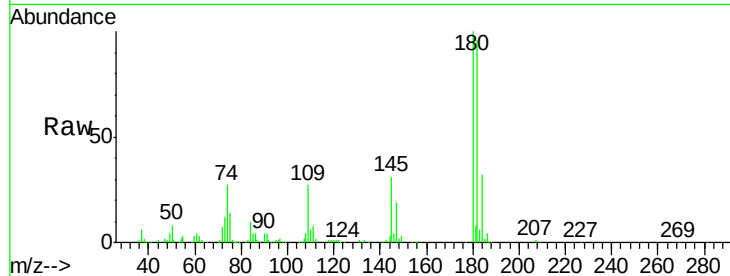
#89
 1,2,4-Trichlorobenzene
 Concen: 18.107 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.8	116.8
145	32.0	25.0	37.4

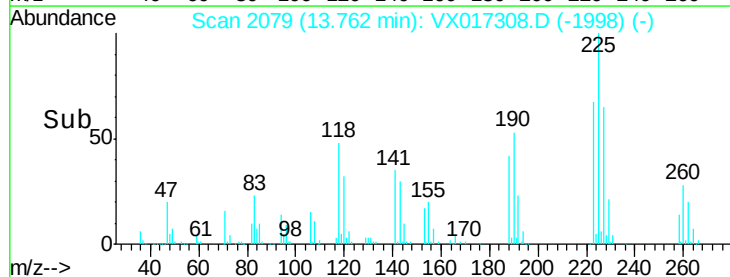
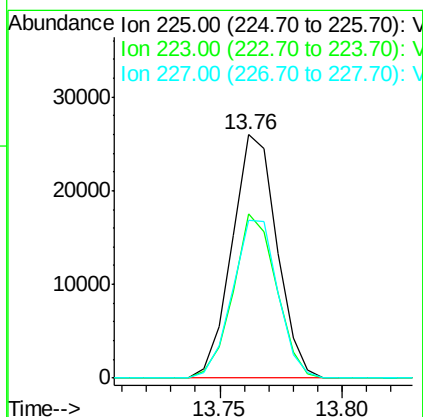
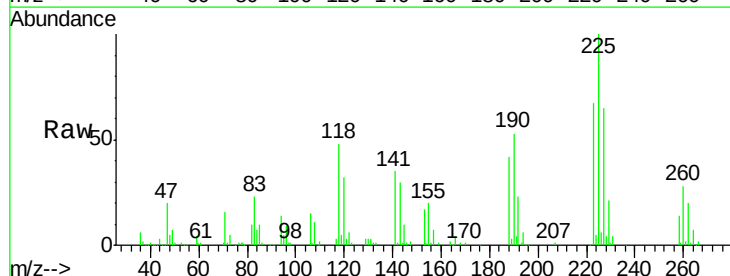
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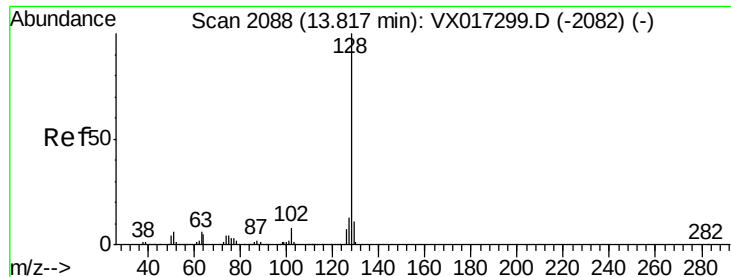
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#90
 Hexachlorobutadiene
 Concen: 18.234 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017308.D
 Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	0.0	129.0
227	65.6	0.0	124.4





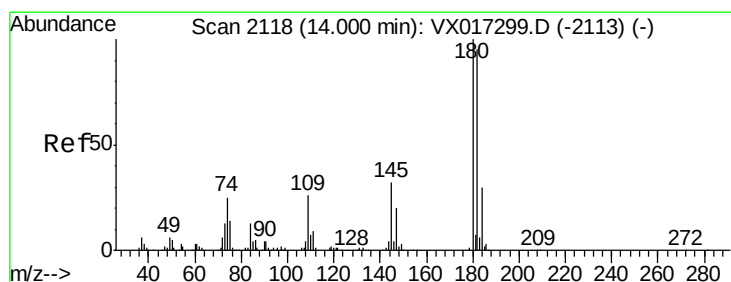
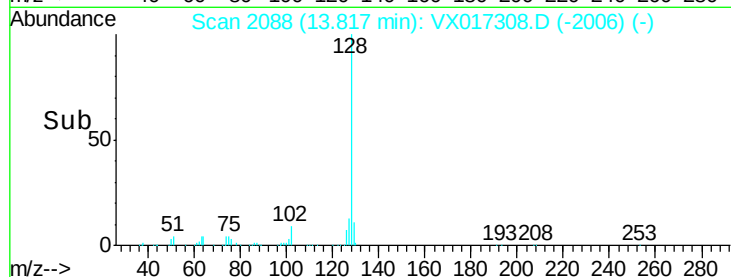
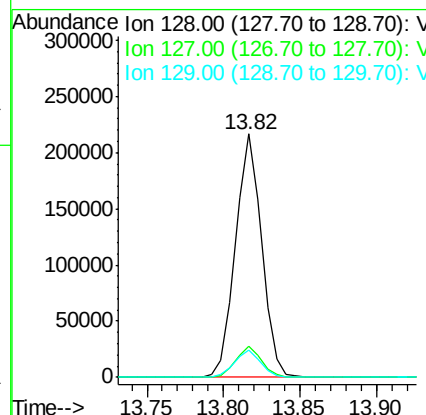
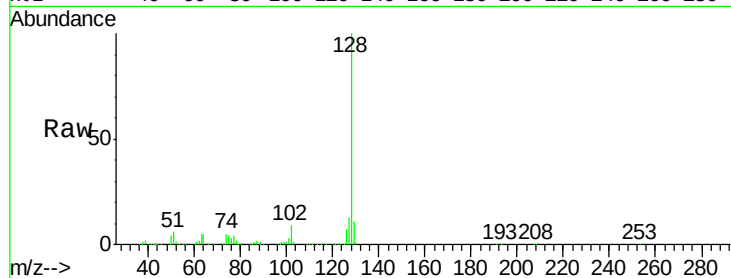
#91
Naphthalene
Concen: 18.487 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.0	9.0	13.4

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#92
1,2,3-Trichlorobenzene
Concen: 18.369 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017308.D
Acq: 09 Jul 2020 15:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	0.0	185.6
145	31.9	0.0	63.0

