

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 Data File : VX017279.D
 Acq On : 09 Jul 2020 00:33
 Operator : JC/SP
 Sample : VX0708WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD03

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 11:00:06 AM

Quant Time: Jul 09 05:47:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	279549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	425072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	406847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221213	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	162203	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
35) Dibromofluoromethane	5.47	113	133517	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	8.70	98	477267	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	11.12	95	191358	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	42853	15.845	ug/l	99
3) Chloromethane	1.31	50	46083	14.077	ug/l	93
4) Vinyl Chloride	1.39	62	48445	15.950	ug/l	100
5) Bromomethane	1.63	94	33123	20.641	ug/l	95
6) Chloroethane	1.72	64	31296	17.446	ug/l	98
7) Trichlorofluoromethane	1.92	101	87156	19.402	ug/l	99
8) Diethyl Ether	2.17	74	30011	20.076	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48771	18.115	ug/l	97
10) Methyl Iodide	2.49	142	48967	14.095	ug/l	98
11) Tert butyl alcohol	3.01	59	61191	93.074	ug/l	99
12) 1,1-Dichloroethene	2.36	96	48531	17.547	ug/l	98
13) Acrolein	2.28	56	31662	80.563	ug/l	97
14) Allyl chloride	2.71	41	83207	16.279	ug/l	98
15) Acrylonitrile	3.12	53	146401	92.631	ug/l	99
16) Acetone	2.42	43	127089	98.578	ug/l	100
17) Carbon Disulfide	2.55	76	125012	16.213	ug/l	97
18) Methyl Acetate	2.75	43	67596	20.085	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	174726	18.823	ug/l	100
20) Methylene Chloride	2.84	84	56467	18.606	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	54556	17.775	ug/l	98
22) Diisopropyl ether	3.82	45	172916	18.278	ug/l	97
23) Vinyl Acetate	3.79	43	739218	90.933	ug/l	100
24) 1,1-Dichloroethane	3.67	63	96264	17.884	ug/l	98
25) 2-Butanone	4.64	43	198686	92.491	ug/l	97
26) 2,2-Dichloropropane	4.55	77	71685	14.999	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	59488	17.106	ug/l	98
28) Bromochloromethane	4.98	49	45260	17.279	ug/l	97
29) Tetrahydrofuran	5.09	42	130758	92.126	ug/l	99
30) Chloroform	5.18	83	103593	18.774	ug/l	99
31) Cyclohexane	5.56	56	75455	16.217	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	94571	18.610	ug/l	98
36) 1,1-Dichloropropene	5.77	75	72278	17.991	ug/l	99
37) Ethyl Acetate	4.79	43	77988	19.133	ug/l	98
38) Carbon Tetrachloride	5.76	117	85245	19.265	ug/l	98

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MMDadoda
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Quant Time: Jul 09 05:47:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	74115	16.581	ug/l	98
40) Benzene	6.12	78	213806	18.113	ug/l	100
41) Methacrylonitrile	5.01	41	43724	19.059	ug/l	98
42) 1,2-Dichloroethane	6.17	62	82853	19.432	ug/l	99
43) Isopropyl Acetate	6.42	43	124559	18.390	ug/l	99
44) Trichloroethene	7.19	130	63570	19.326	ug/l	97
45) 1,2-Dichloropropane	7.49	63	56113	18.508	ug/l	96
46) Dibromomethane	7.64	93	38926	18.806	ug/l	95
47) Bromodichloromethane	7.88	83	84165	19.731	ug/l	96
48) Methyl methacrylate	7.74	41	61364	19.069	ug/l	96
49) 1,4-Dioxane	7.71	88	25022	343.225	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	398204	98.624	ug/l	100
52) Toluene	8.76	92	139596	18.942	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	89544	19.026	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	91235	18.084	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	59298	19.693	ug/l	98
56) Ethyl methacrylate	9.16	69	82538	19.259	ug/l	99
57) 1,3-Dichloropropane	9.35	76	97197	19.077	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	196349	92.055	ug/l	98
59) 2-Hexanone	9.47	43	296415	100.521	ug/l	100
60) Dibromochloromethane	9.57	129	71097	20.330	ug/l	99
61) 1,2-Dibromoethane	9.65	107	62887	19.430	ug/l	99
64) Tetrachloroethene	9.32	164	66038	20.112	ug/l	93
65) Chlorobenzene	10.12	112	158634	18.892	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	62778	19.399	ug/l	98
67) Ethyl Benzene	10.24	91	263540	18.793	ug/l	97
68) m/p-Xylenes	10.34	106	201896	37.496	ug/l	96
69) o-Xylene	10.68	106	96018	18.745	ug/l	99
70) Styrene	10.70	104	169002	19.375	ug/l	99
71) Bromoform	10.84	173	55680	21.697	ug/l #	98
73) Isopropylbenzene	11.00	105	266938	18.423	ug/l	99
74) N-amyl acetate	10.88	43	109842	17.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	84641	18.570	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	82542m	18.975	ug/l	
77) Bromobenzene	11.24	156	74140	18.617	ug/l	98
78) n-propylbenzene	11.34	91	297816	18.176	ug/l	100
79) 2-Chlorotoluene	11.40	91	185720	18.728	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	226903	18.879	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	28349	16.877	ug/l	96
82) 4-Chlorotoluene	11.49	91	219504	18.516	ug/l	100
83) tert-Butylbenzene	11.76	119	217989	18.476	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	229029	18.783	ug/l	100
85) sec-Butylbenzene	11.93	105	248443	17.914	ug/l	100
86) p-Isopropyltoluene	12.05	119	237520	18.397	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	132088	18.263	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	132879	19.364	ug/l	98
89) n-Butylbenzene	12.37	91	192542	16.702	ug/l	99
90) Hexachloroethane	12.58	117	44113	17.326	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	126329	18.686	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20490	18.845	ug/l	97

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ClientSampleId :
VX0708WBSD03

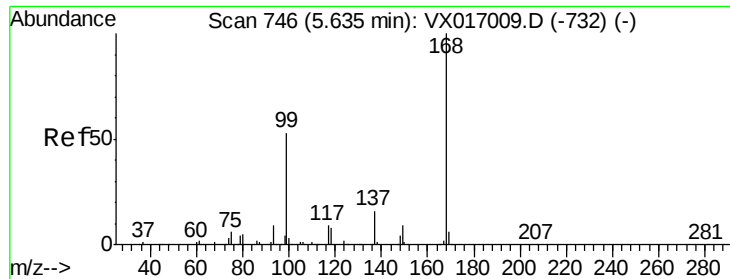
Manual Integrations
APPROVED

MMDadoda
7/9/2020 11:00:06 AM

Quant Time: Jul 09 05:47:04 2020
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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	83952	18.193	ug/l	99
94) Hexachlorobutadiene	13.77	225	31936	18.772	ug/l	97
95) Naphthalene	13.82	128	263335	18.771	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	83379	18.671	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD03

Tot Ion:168 Resp: 279549

Ion Ratio Lower Upper

168 100

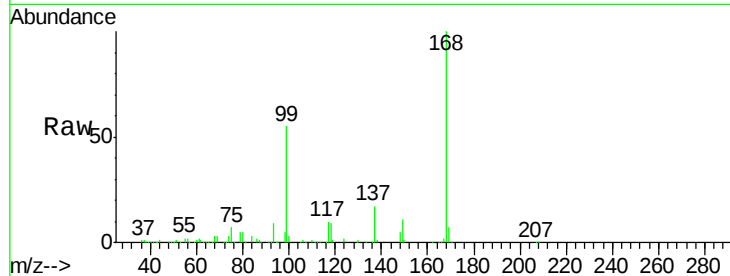
99 55.0 42.6 64.0

Manual Integrations

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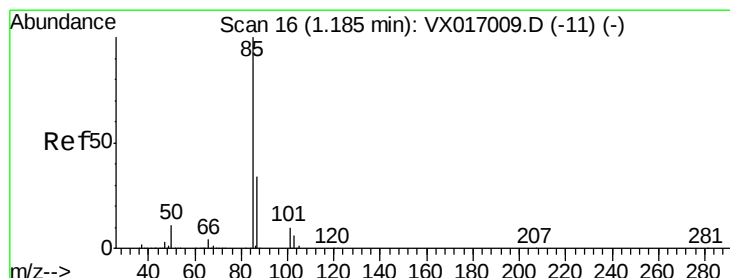
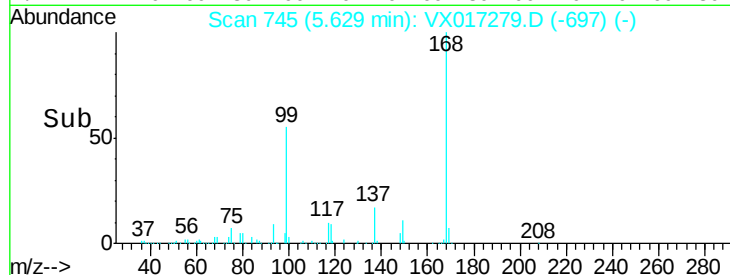
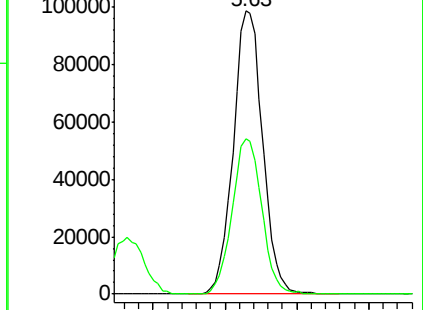
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.845 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017279.D

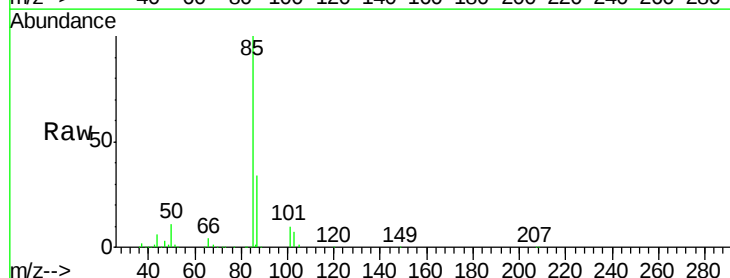
Acq: 09 Jul 2020 00:33

Tgt Ion: 85 Resp: 42853

Ion Ratio Lower Upper

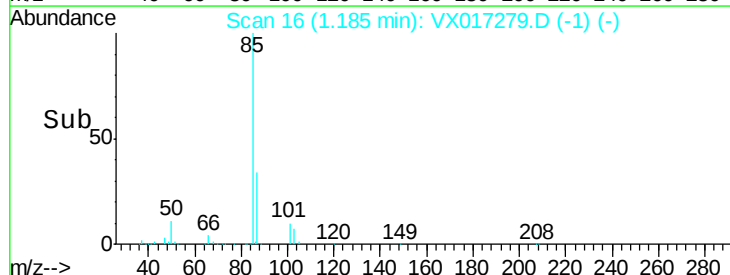
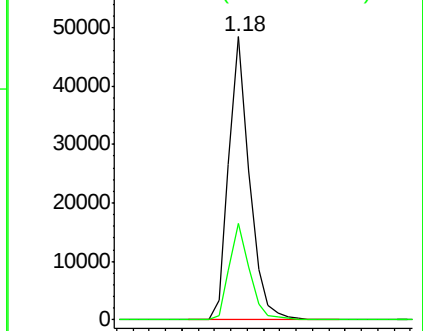
85 100

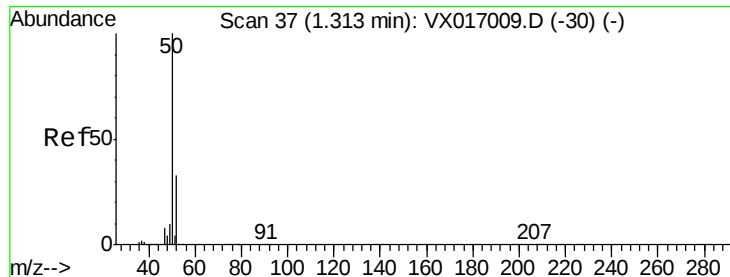
87 34.0 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 14.077 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD03

Tot Ion: 50 Resp: 46083

Ion Ratio Lower Upper

50 100

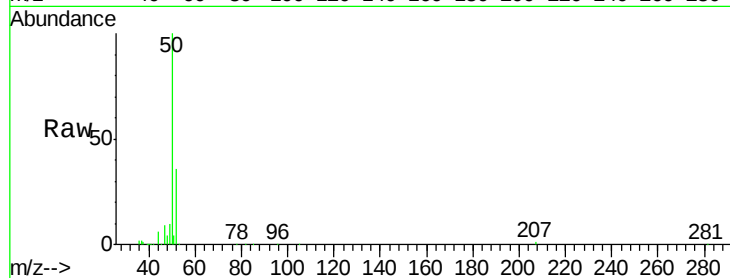
52 36.4 26.1 39.1

Manual Integrations

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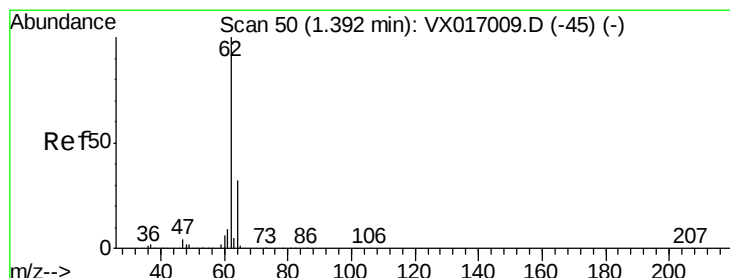
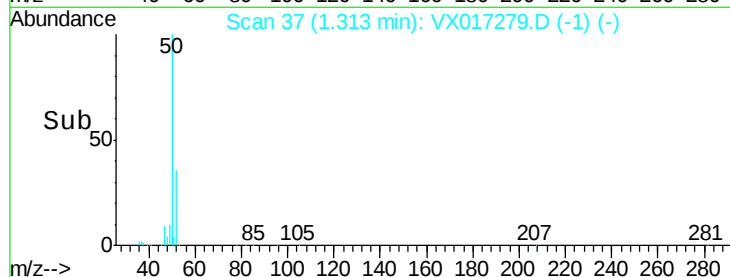
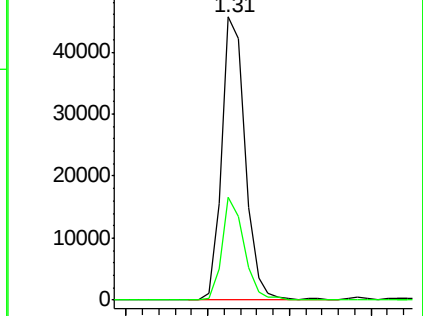
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 15.950 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017279.D

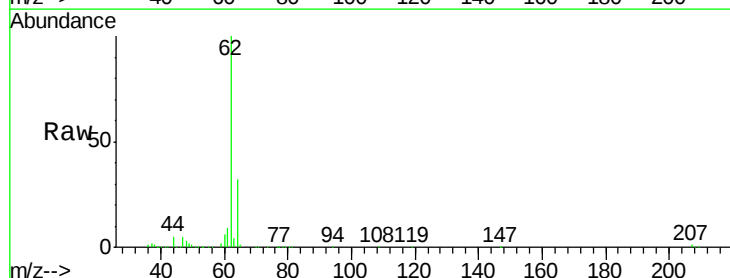
Acq: 09 Jul 2020 00:33

Tgt Ion: 62 Resp: 48445

Ion Ratio Lower Upper

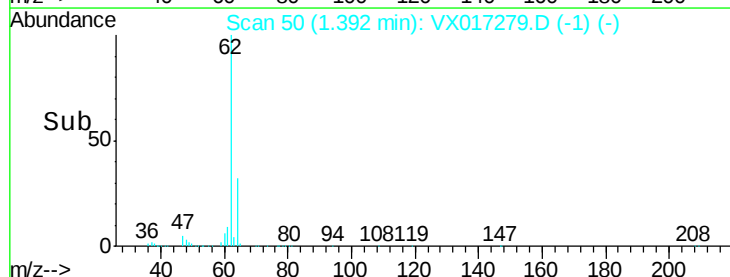
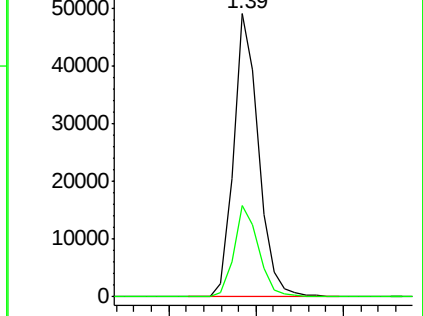
62 100

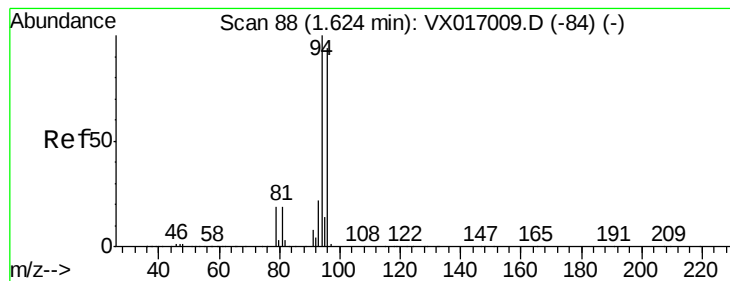
64 32.1 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.641 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD03

Tot Ion: 94 Resp: 33123

Ion Ratio Lower Upper

94 100

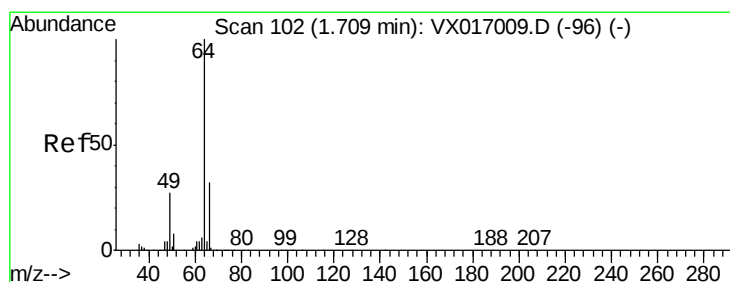
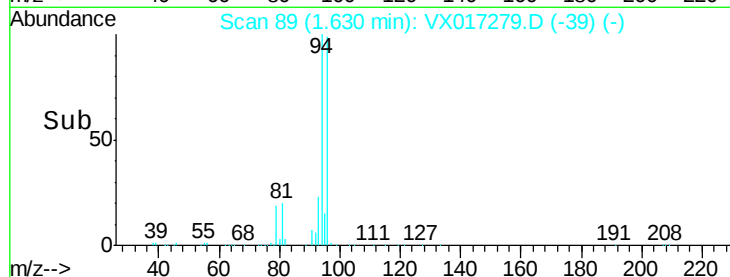
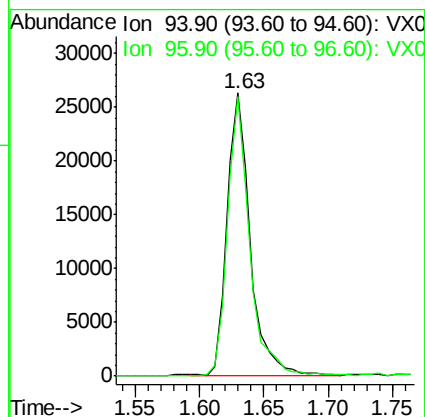
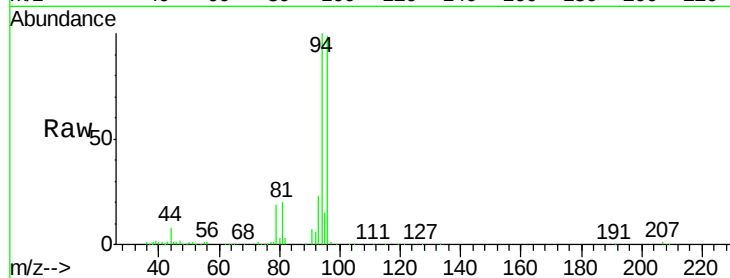
96 98.9 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 17.446 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017279.D

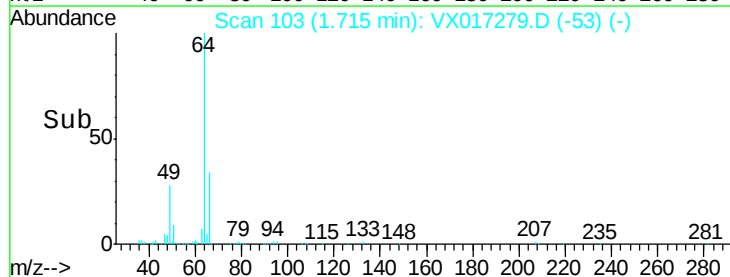
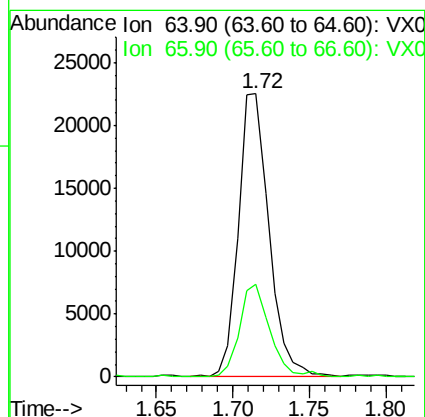
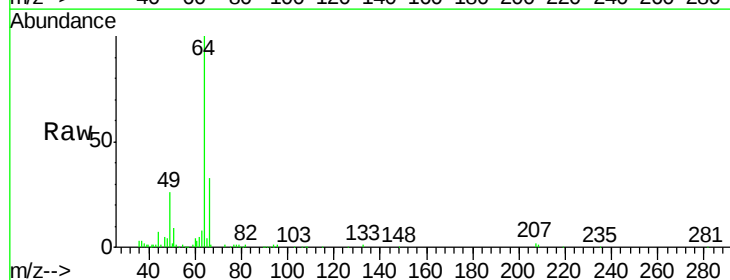
Acq: 09 Jul 2020 00:33

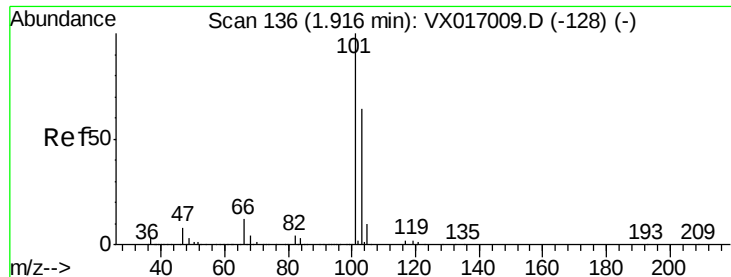
Tgt Ion: 64 Resp: 31296

Ion Ratio Lower Upper

64 100

66 32.9 25.5 38.3





#7

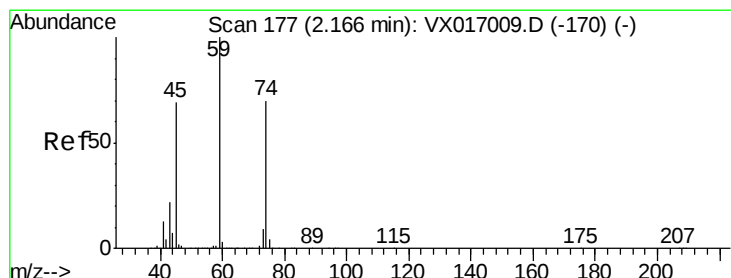
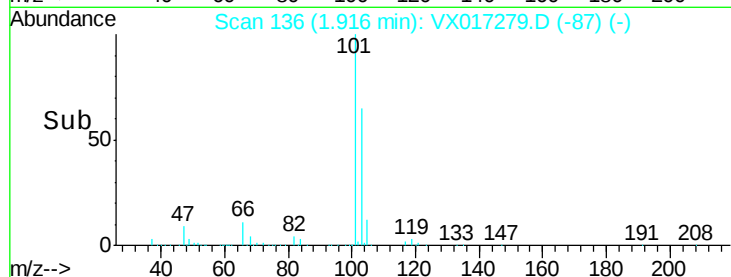
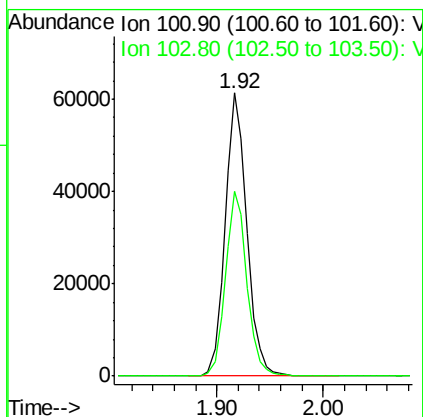
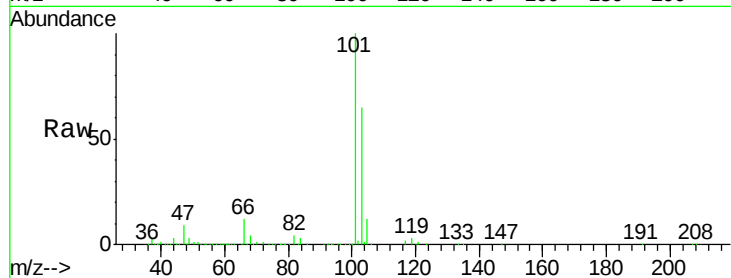
Trichlorofluoromethane
Concen: 19.402 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Instrument :
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ClientSampleId :
VX0708WBSD03

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.5	77.3

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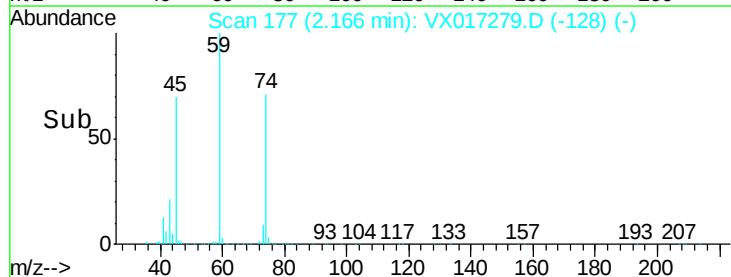
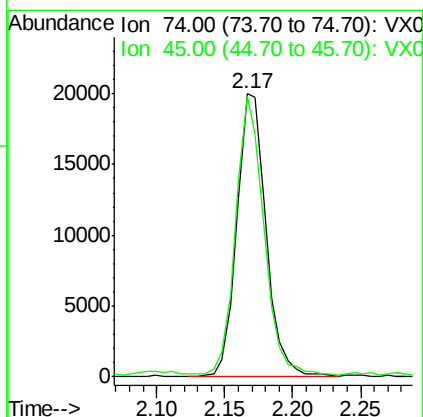
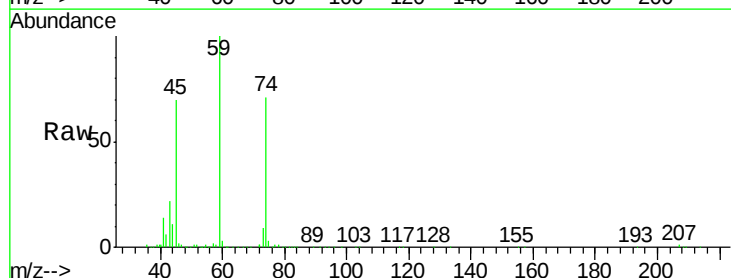
MMDadoda
7/9/2020 11:00:06 AM

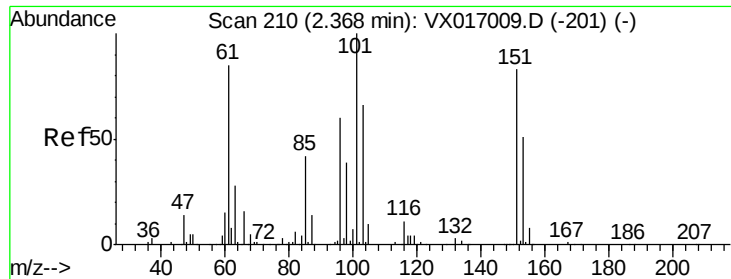


#8

Diethyl Ether
Concen: 20.076 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.2	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.115 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

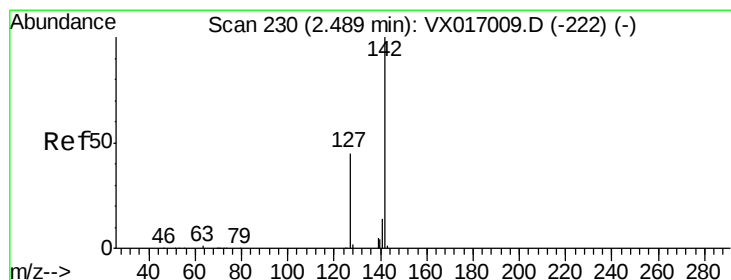
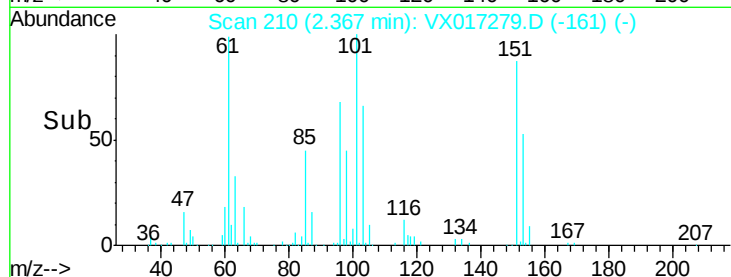
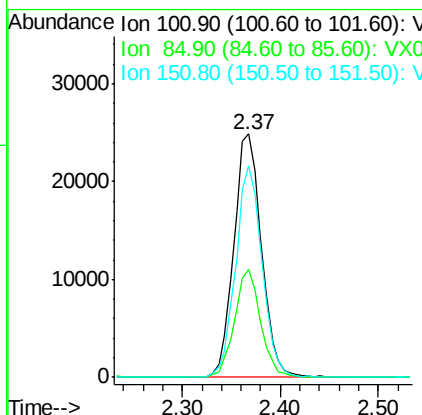
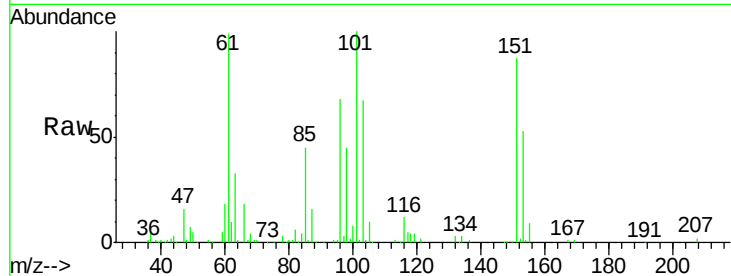
ClientSampleId :

VX0708WBSD03

Tot Ion:	101	Resp:	48771
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.5	50.3
151	83.3	63.8	95.6

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#10

Methyl Iodide

Concen: 14.095 ug/l

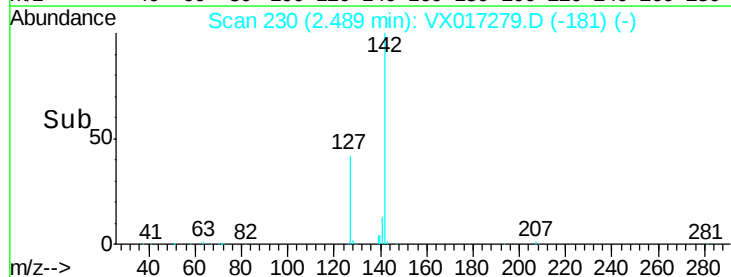
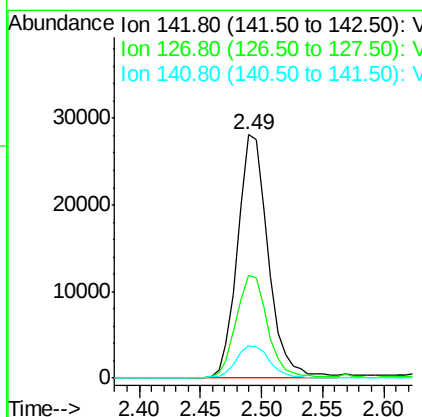
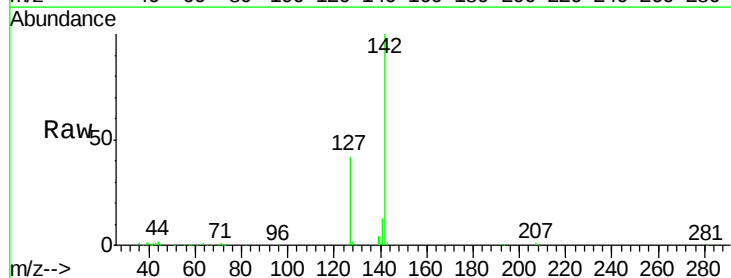
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Tgt Ion:	142	Resp:	48967
Ion Ratio	Lower	Upper	
142	100		
127	43.6	36.6	54.8
141	14.6	11.6	17.4





#11

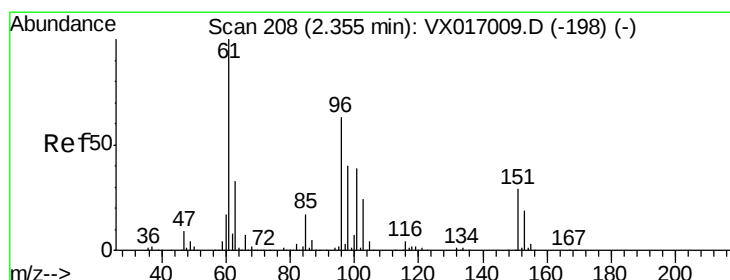
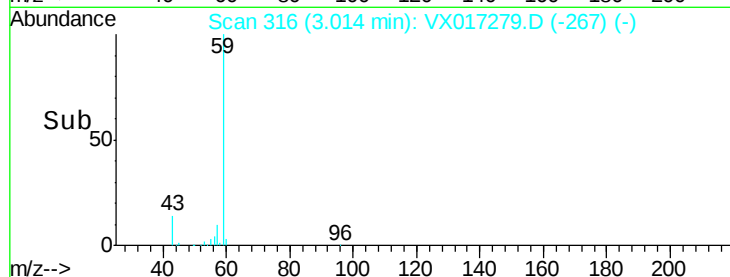
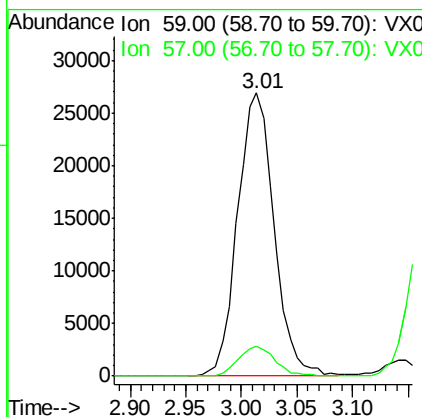
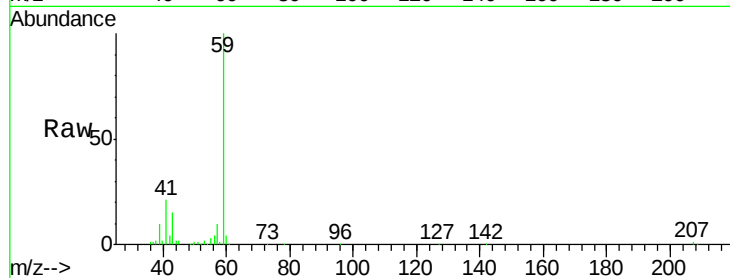
Tert butyl alcohol
Concen: 93.074 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD03

Tot Ion	59	Resp	61191
Ion Ratio	100	Lower	Upper
57	10.6	8.2	12.2

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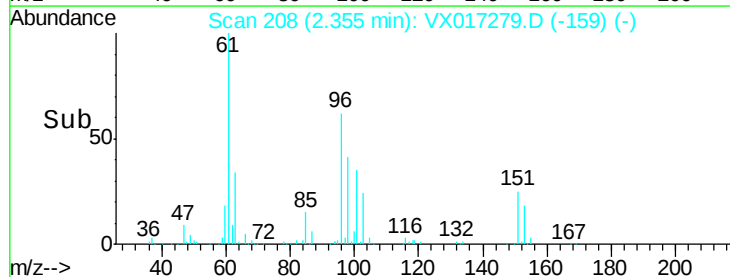
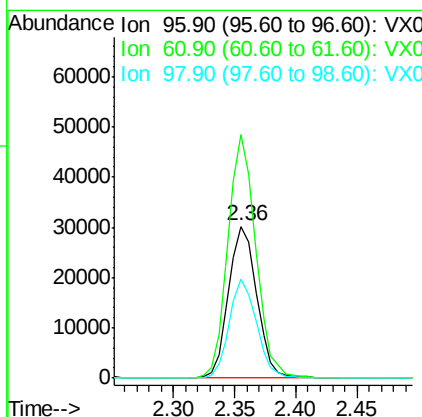
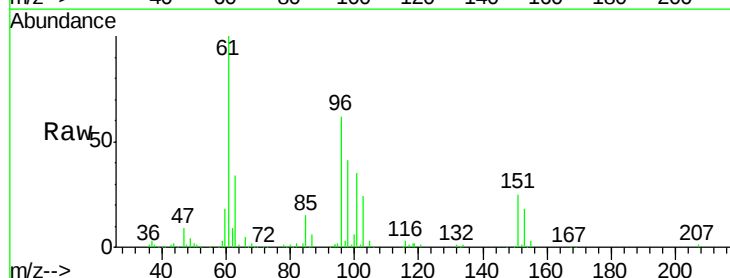
MMDadoda
7/9/2020 11:00:06 AM

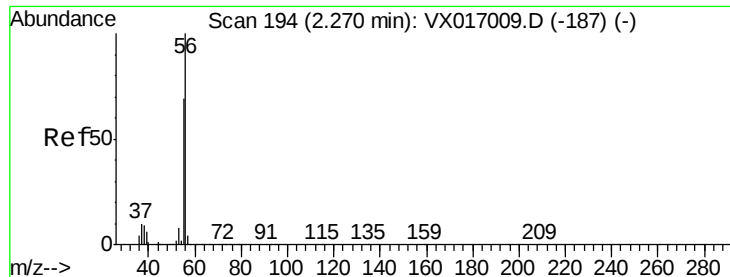


#12

1,1-Dichloroethene
Concen: 17.547 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion	96	Resp	48531
Ion Ratio	100	Lower	Upper
61	160.5	126.3	189.5
98	65.3	51.0	76.6





#13

Acrolein

Concen: 80.563 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD03

Tot Ion: 56 Resp: 31662

Ion Ratio Lower Upper

56 100

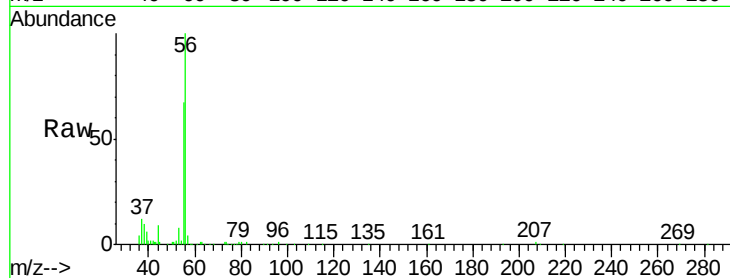
55 71.9 55.7 83.5

Manual Integrations

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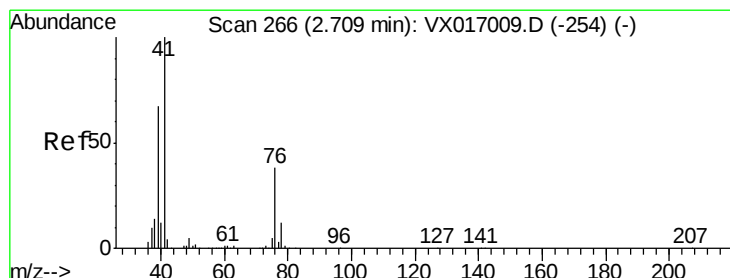
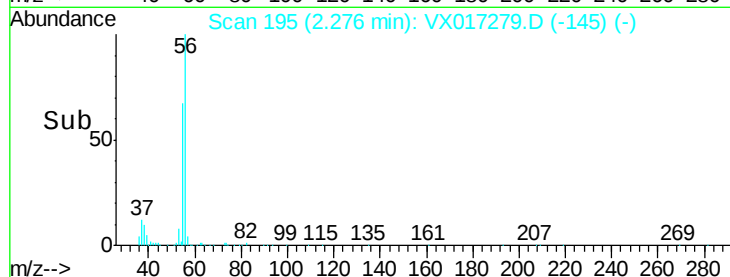
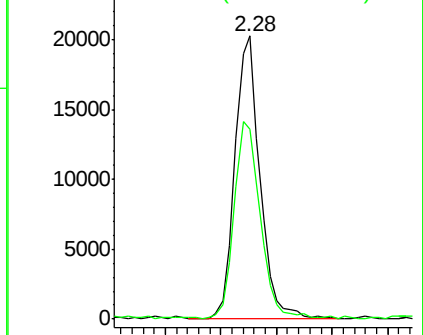
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 16.279 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

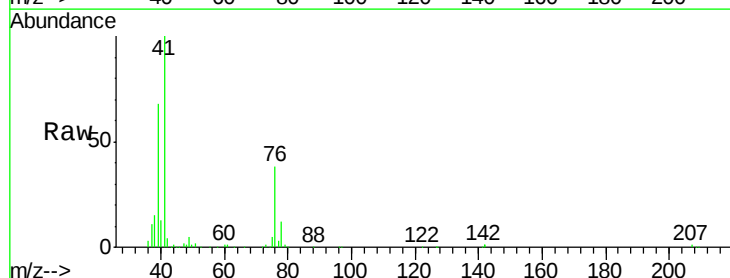
Tgt Ion: 41 Resp: 83207

Ion Ratio Lower Upper

41 100

39 64.2 49.4 74.2

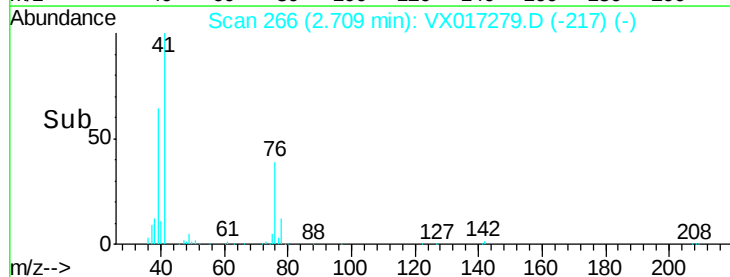
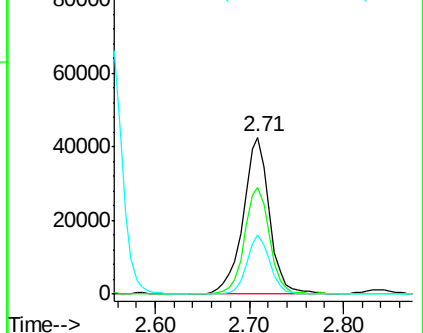
76 33.1 26.8 40.2

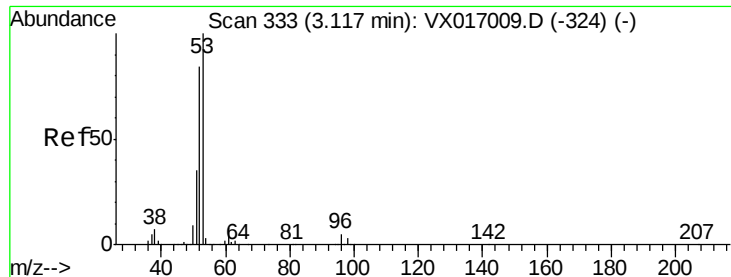


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 92.631 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

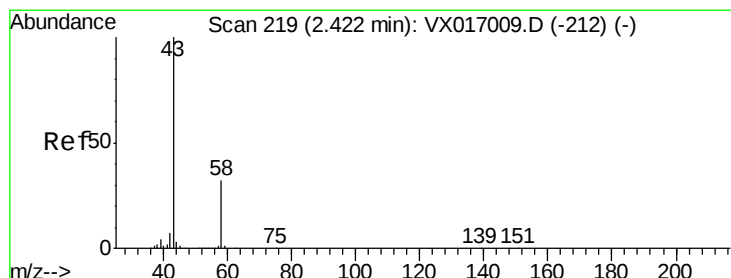
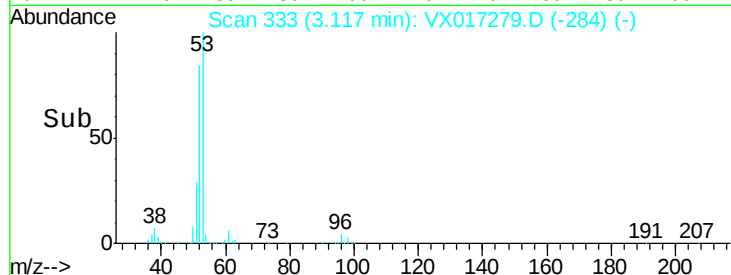
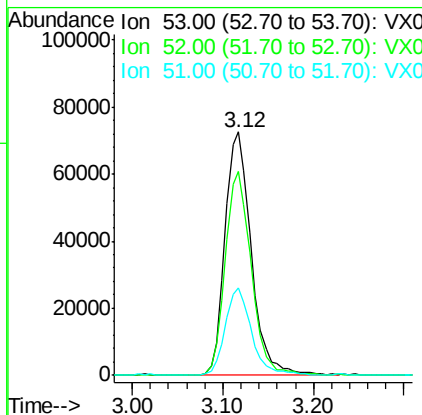
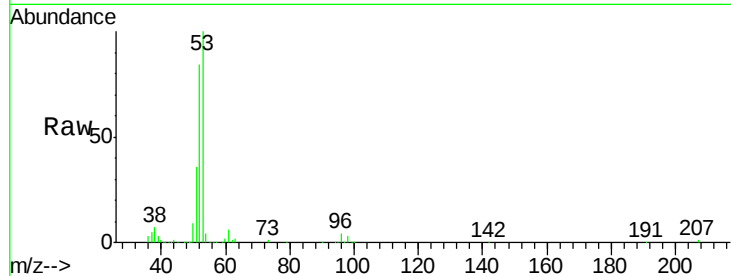
ClientSampleId :

VX0708WBSD03

Tot Ion:	53	Resp:	146401
Ion Ratio		Lower	Upper
53	100		
52	83.0	65.6	98.4
51	36.1	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 98.578 ug/l

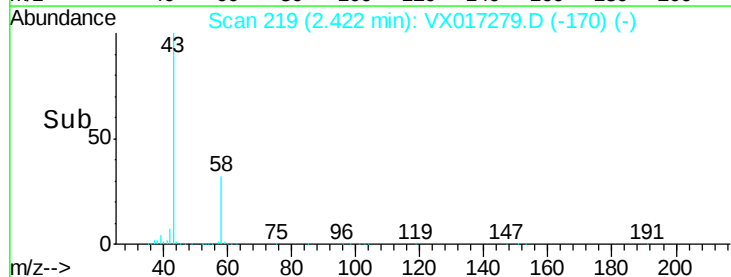
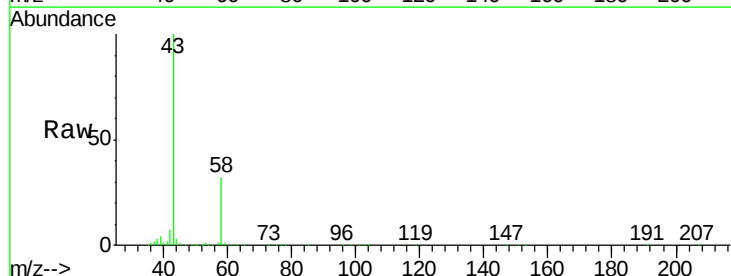
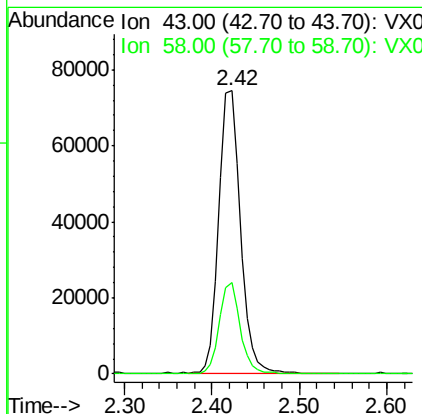
RT: 2.42 min Scan# 219

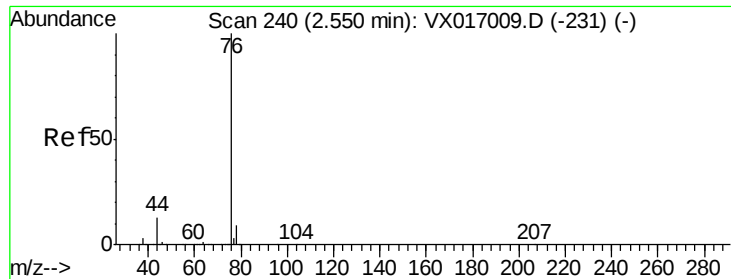
Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Tgt Ion:	43	Resp:	127089
Ion Ratio		Lower	Upper
43	100		
58	32.2	25.7	38.5





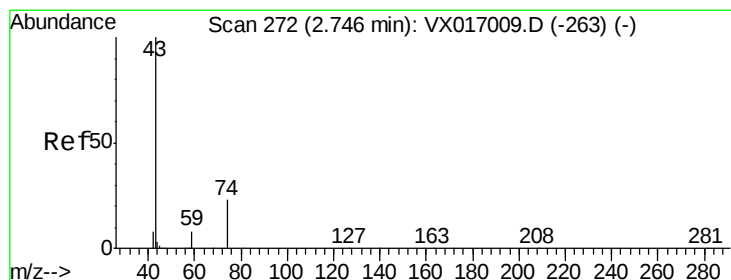
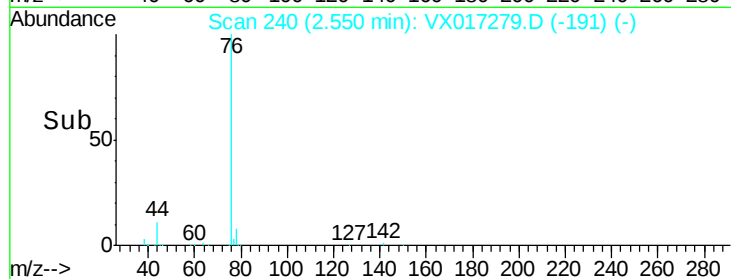
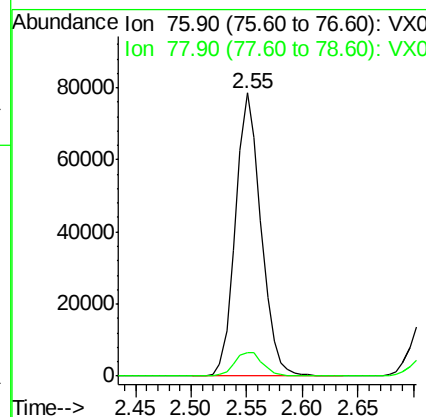
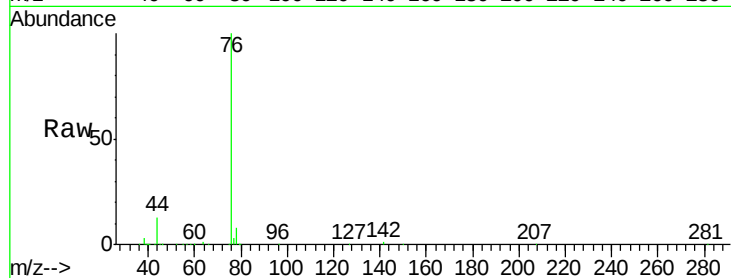
#17
Carbon Disulfide
Concen: 16.213 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD03

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.2	10.8

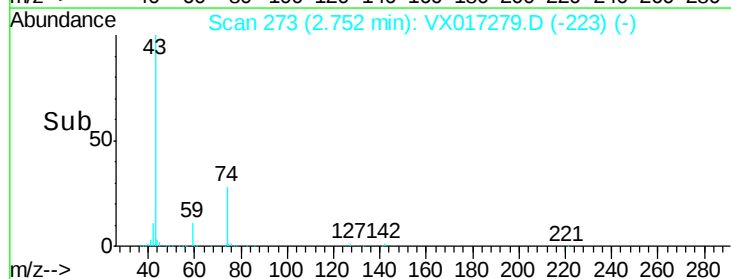
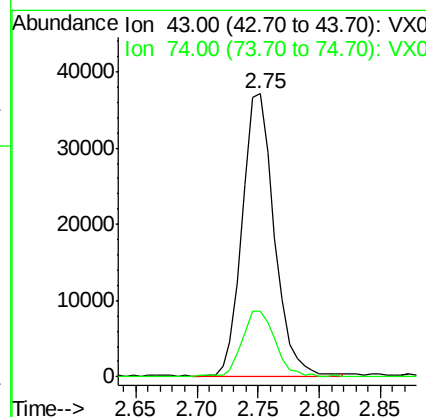
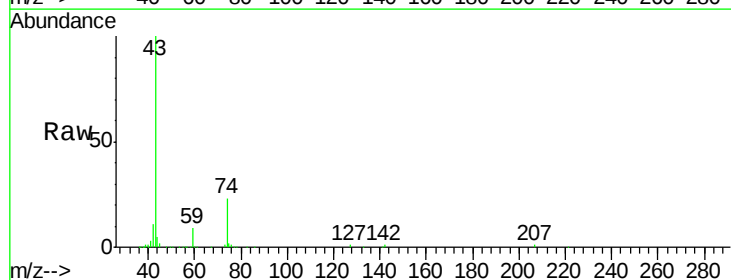
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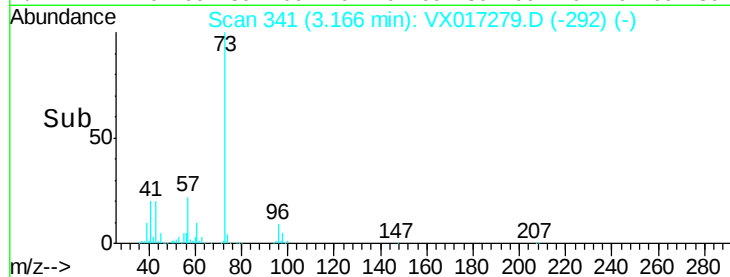
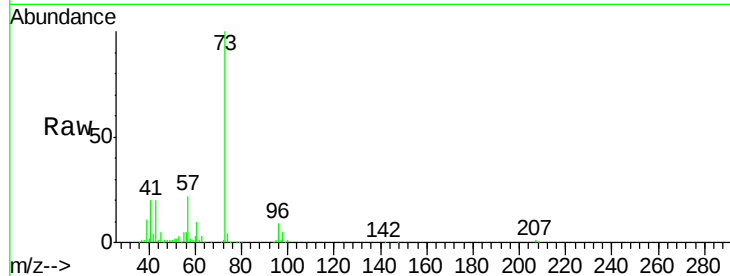
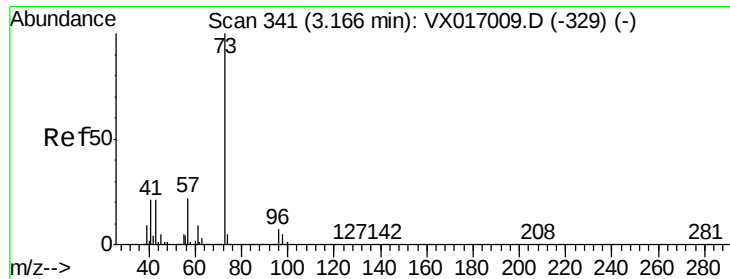
MMDadoda
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#18
Methyl Acetate
Concen: 20.085 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.3	28.9





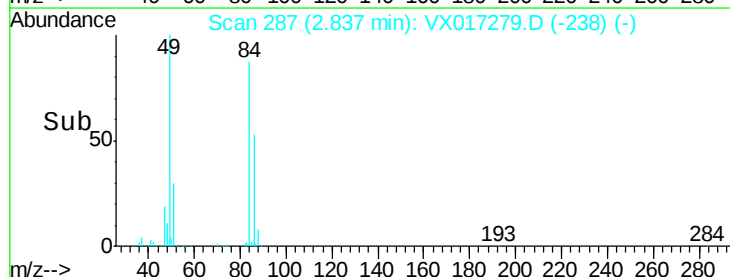
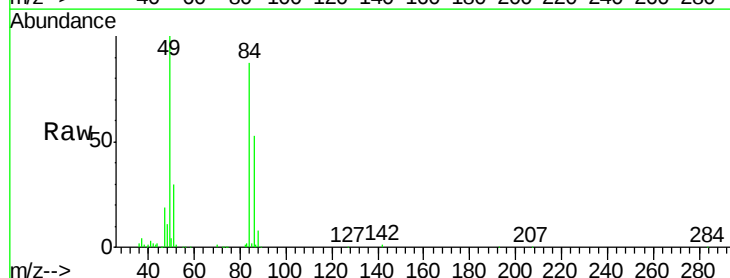
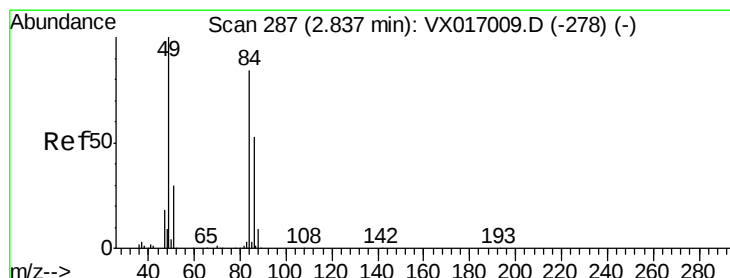
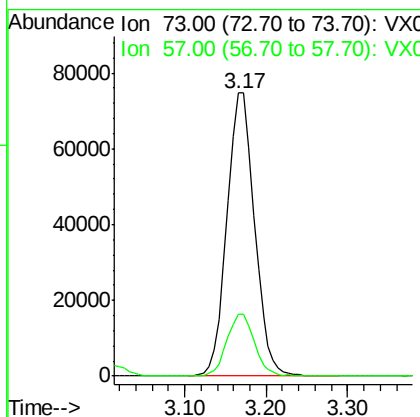
#19
Methvl tert-butvl Ether
Concen: 18.823 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tot Ion: 73 Resp: 174726
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD03

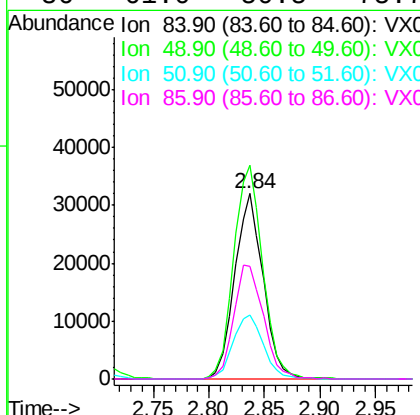
Manual Integrations
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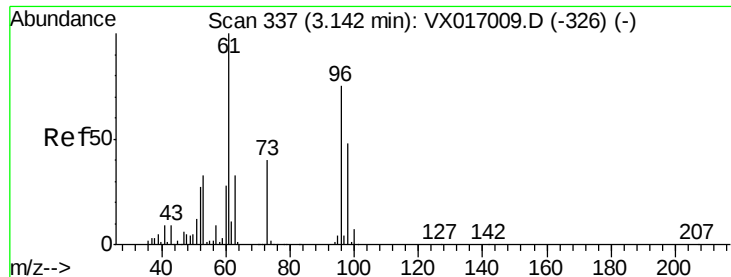
MMDadoda
7/9/2020 11:00:06 AM



#20
Methylene Chloride
Concen: 18.606 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion: 84 Resp: 56467
Ion Ratio Lower Upper
84 100
49 115.1 94.7 142.1
51 34.5 28.6 42.8
86 61.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 17.775 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

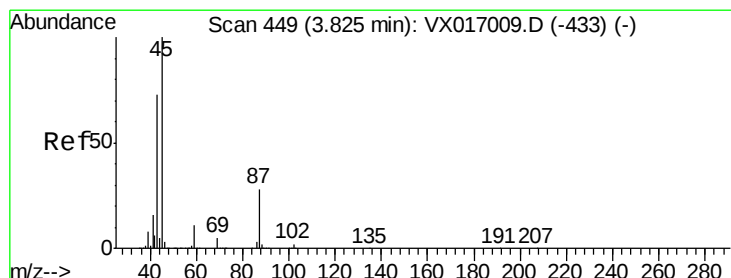
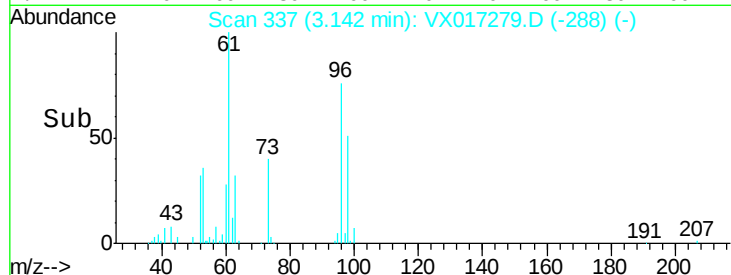
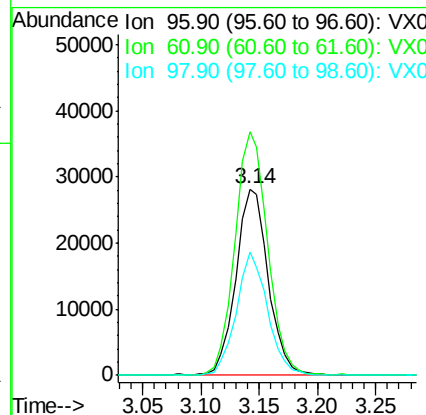
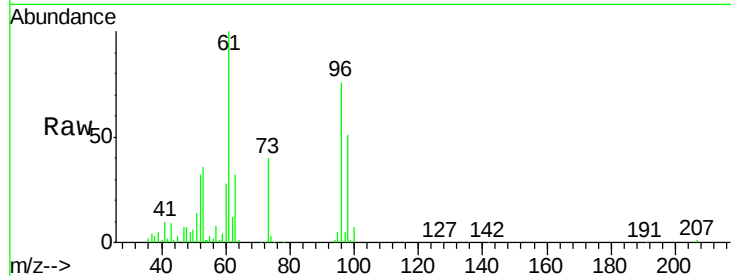
ClientSampleId :

VX0708WBSD03

Tot Ion:	96	Resp:	54556
Ion	Ratio	Lower	Upper
96	100		
61	130.9	107.0	160.6
98	66.2	51.6	77.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.278 ug/l

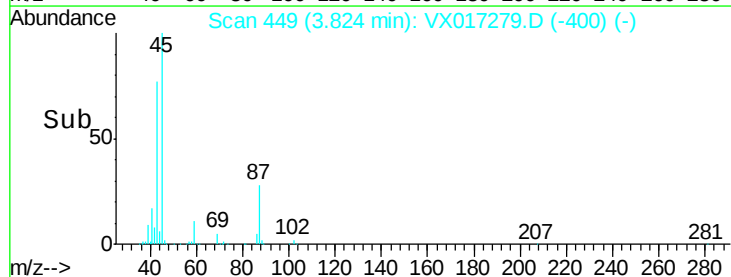
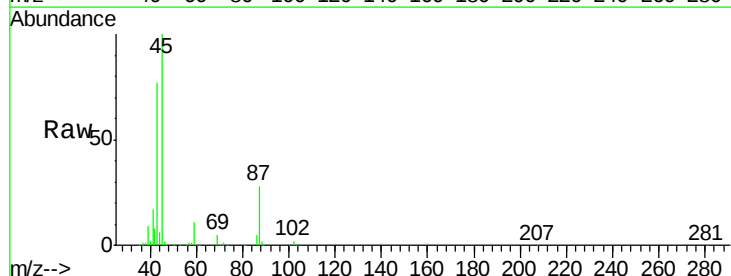
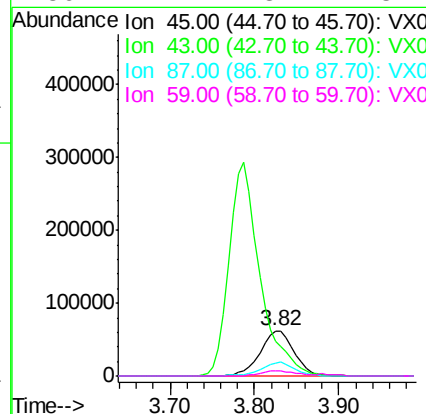
RT: 3.82 min Scan# 449

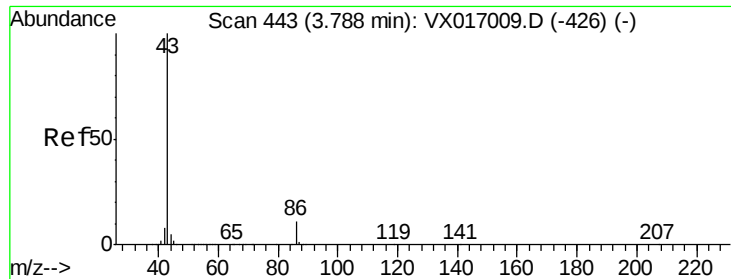
Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Tgt Ion:	45	Resp:	172916
Ion	Ratio	Lower	Upper
45	100		
43	76.8	58.6	88.0
87	28.4	22.6	34.0
59	11.1	8.7	13.1





#23

Vinyl Acetate

Concen: 90.933 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD03

Tot Ion: 43 Resp: 739218

Ion Ratio Lower Upper

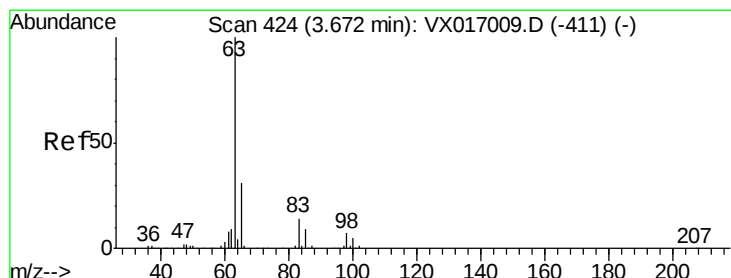
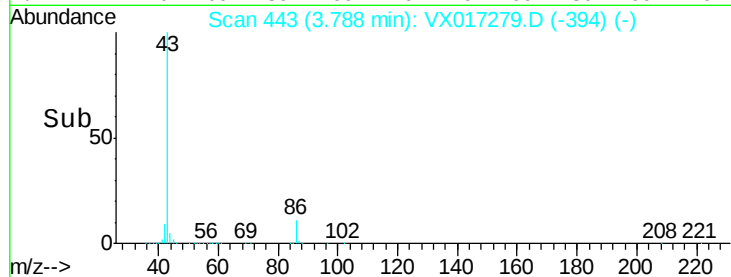
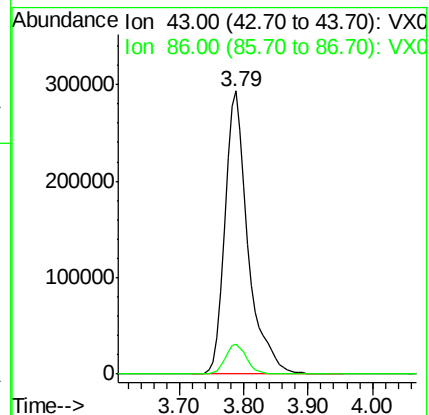
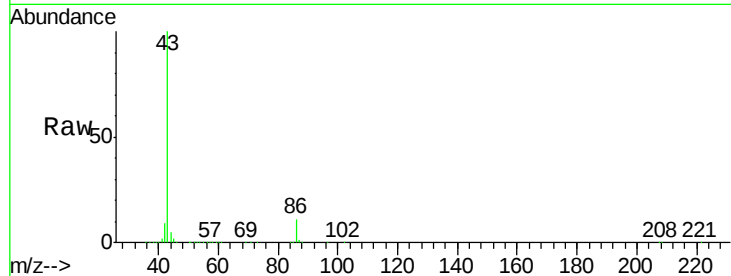
43 100

86 10.6 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 17.884 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

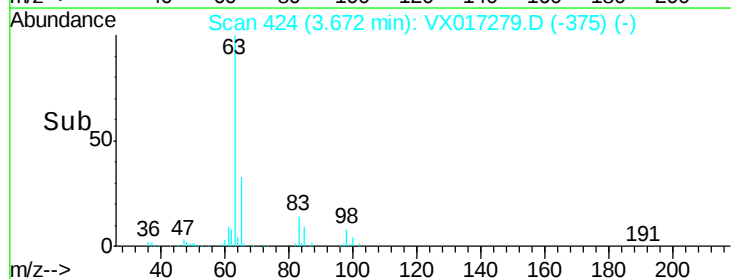
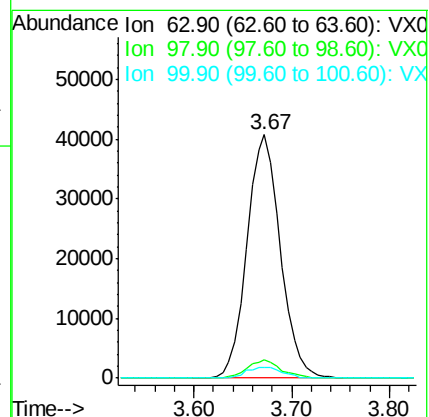
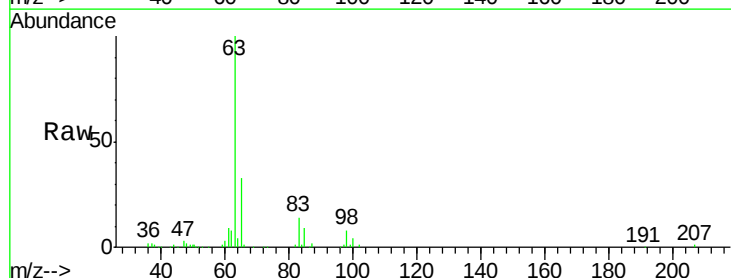
Tgt Ion: 63 Resp: 96264

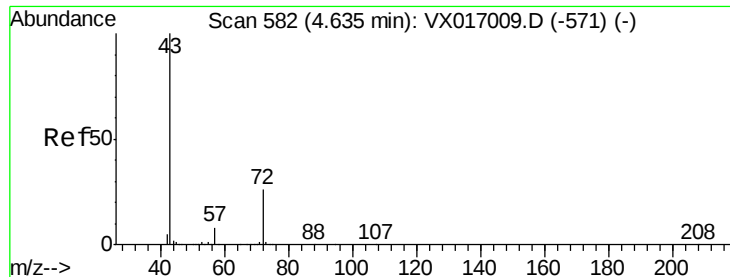
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.2 2.4 7.1





#25

2-Butanone

Concen: 92.491 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD03

Tot Ion: 43 Resp: 198686

Ion Ratio Lower Upper

43 100

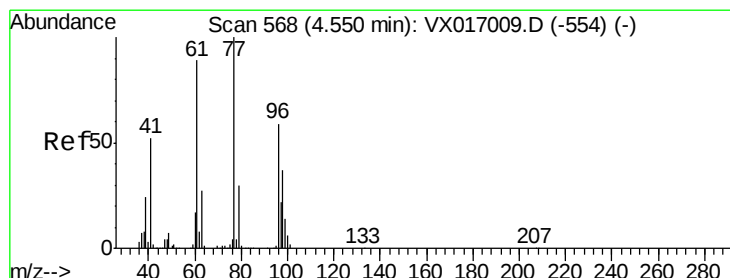
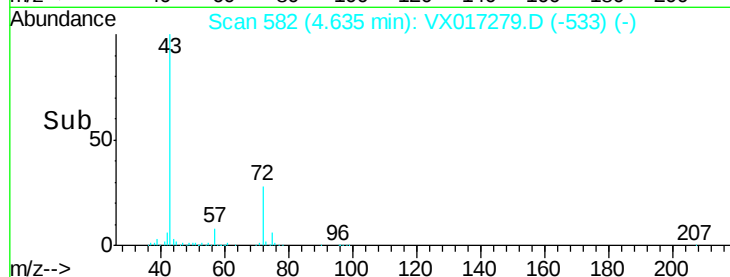
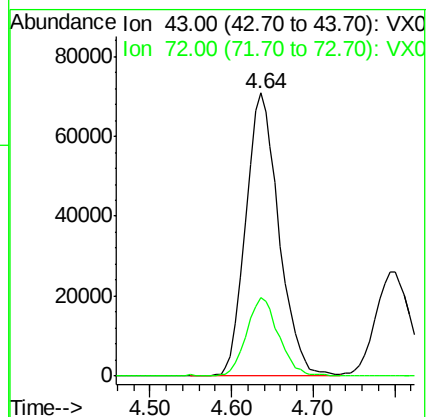
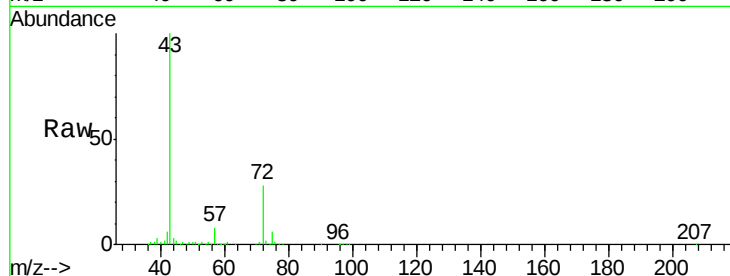
72 27.4 20.8 31.2

Manual Integrations

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7/9/2020 11:00:06 AM



#26

2,2-Dichloropropane

Concen: 14.999 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017279.D

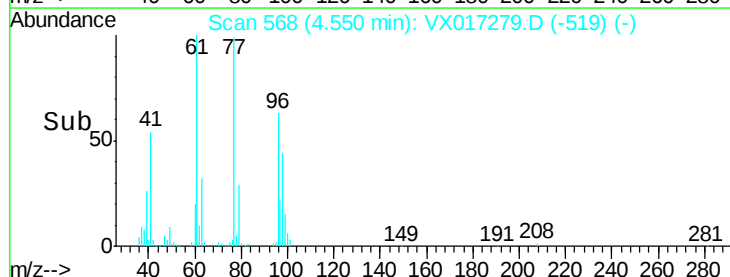
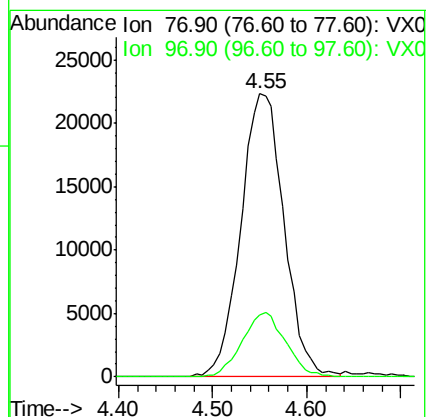
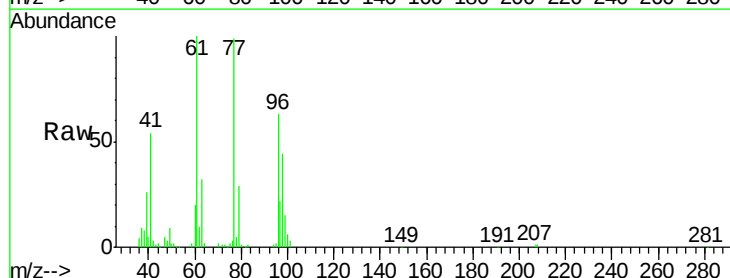
Acq: 09 Jul 2020 00:33

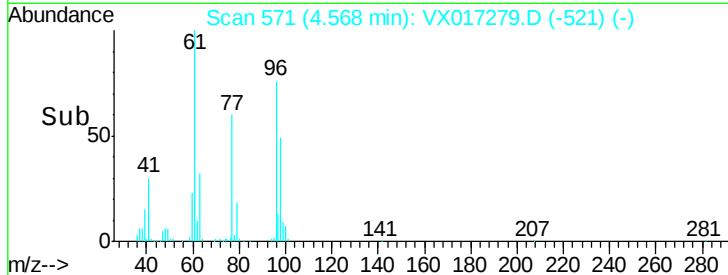
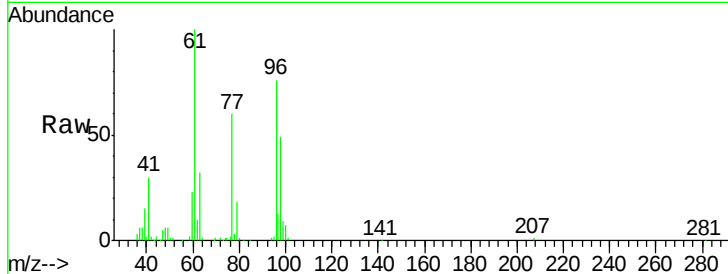
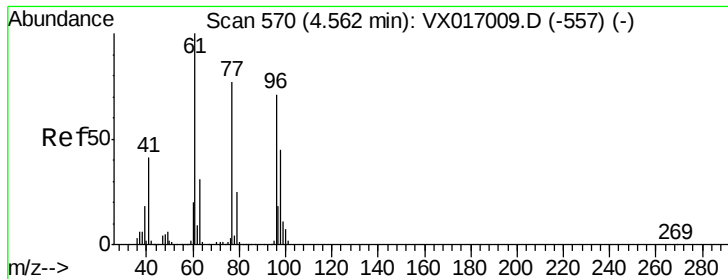
Tgt Ion: 77 Resp: 71685

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.2





#27

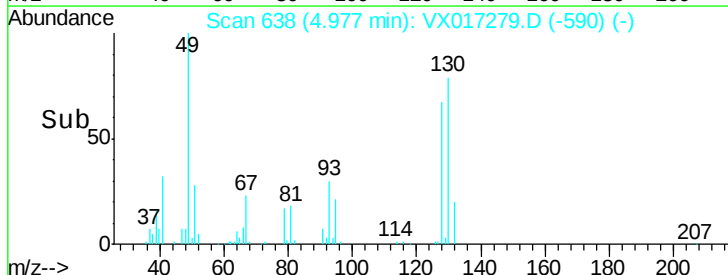
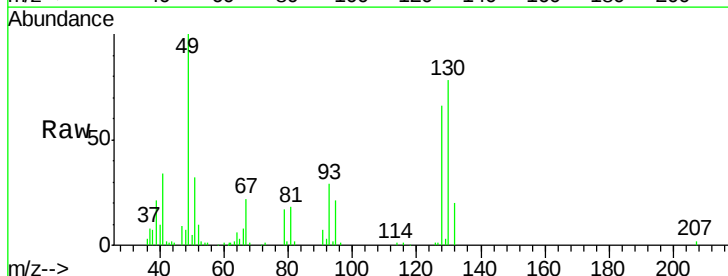
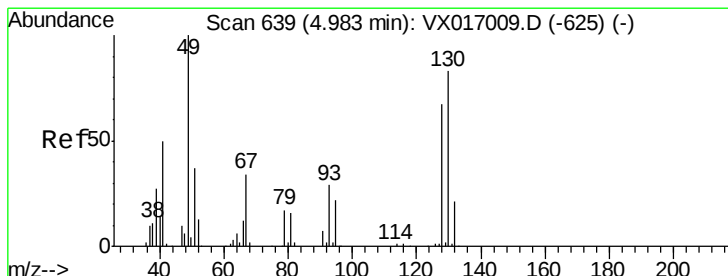
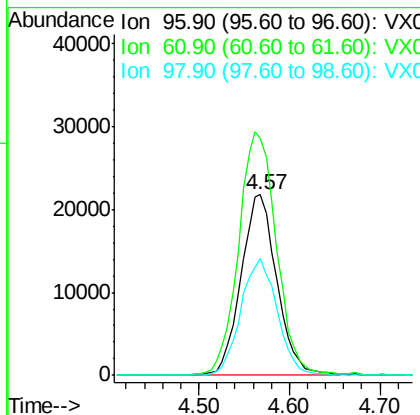
cis-1,2-Dichloroethene
Concen: 17.106 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tot Ion	Ratio	Resp	Lower	Upper
96	100	59488		
61	143.5		0.0	282.8
98	65.9		0.0	127.6

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD03

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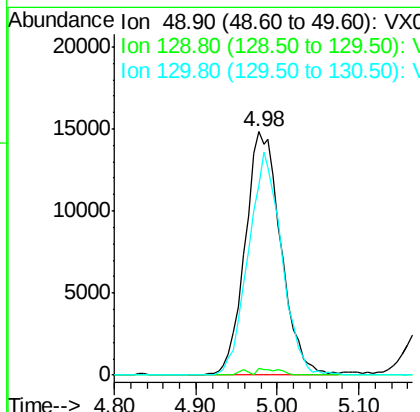
MMDadoda
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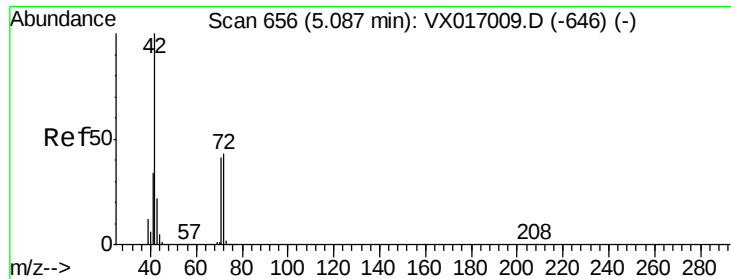


#28

Bromochloromethane
Concen: 17.279 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	45260		
129	1.6		0.0	4.2
130	85.7		66.6	100.0





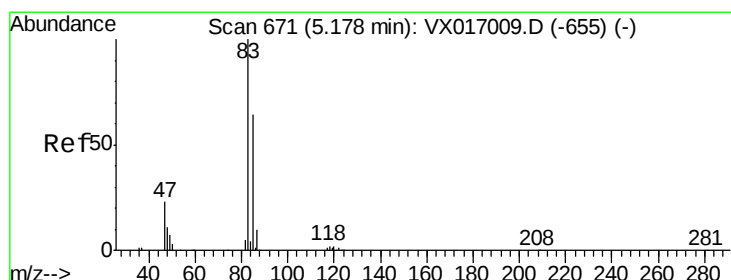
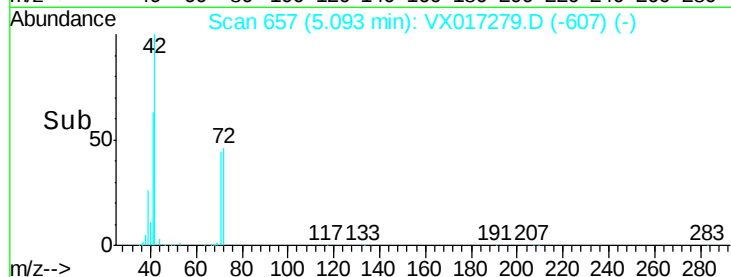
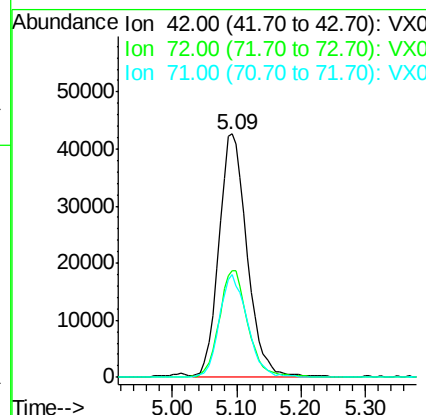
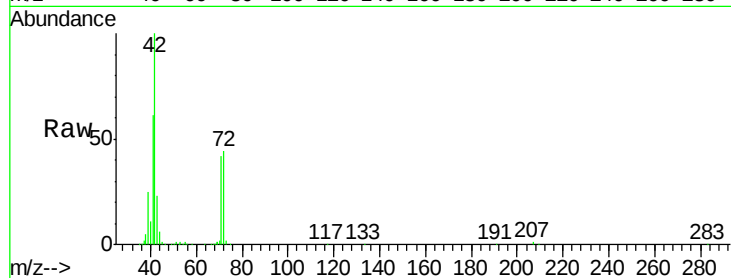
#29
Tetrahydrofuran
Concen: 92.126 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD03

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.3	52.9
71	42.3	33.1	49.7

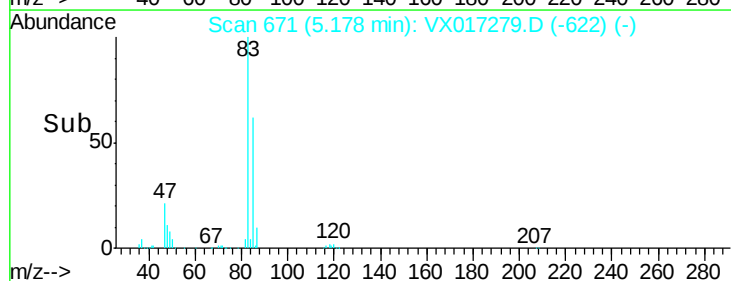
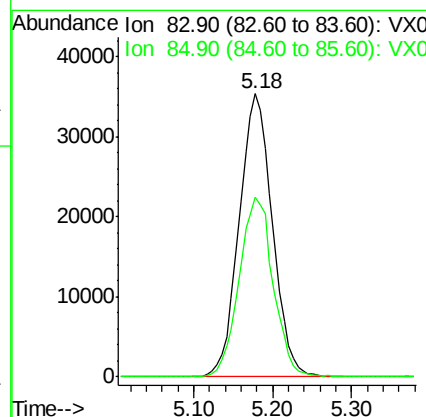
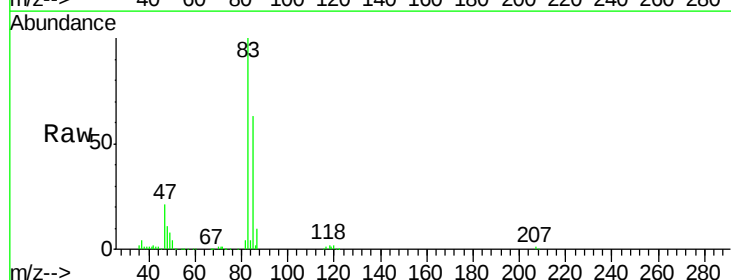
Manual Integrations
APPROVED

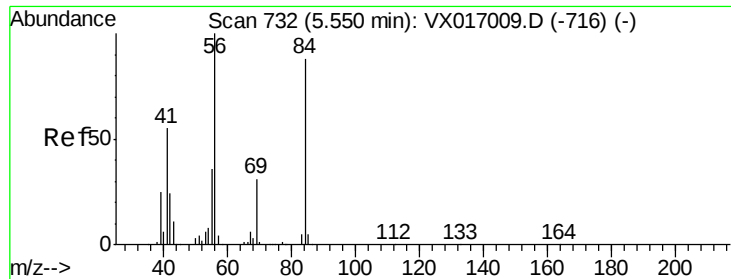
MMDadoda
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#30
Chloroform
Concen: 18.774 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.4	77.2





#31

Cyclohexane

Concen: 16.217 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

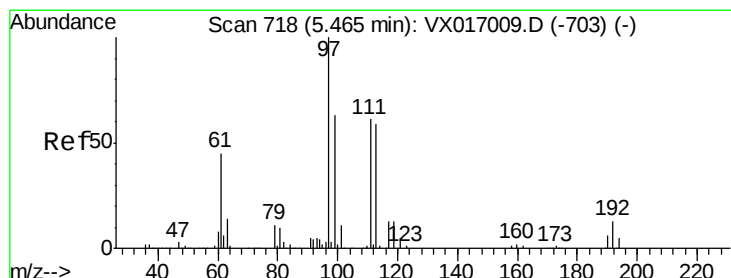
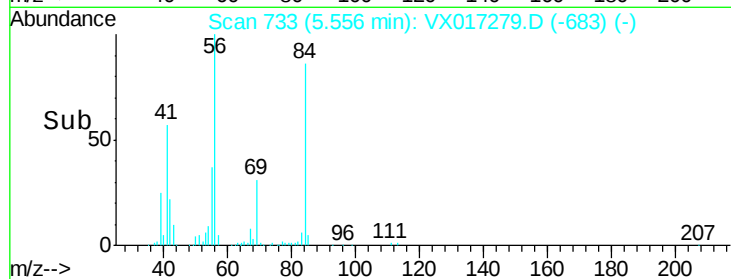
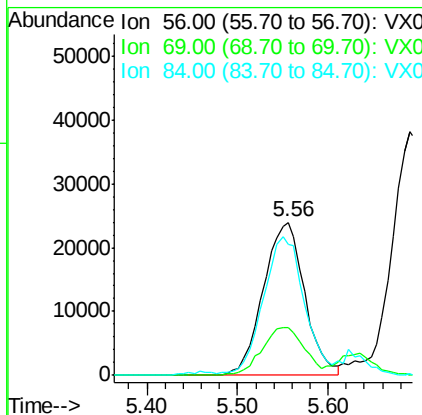
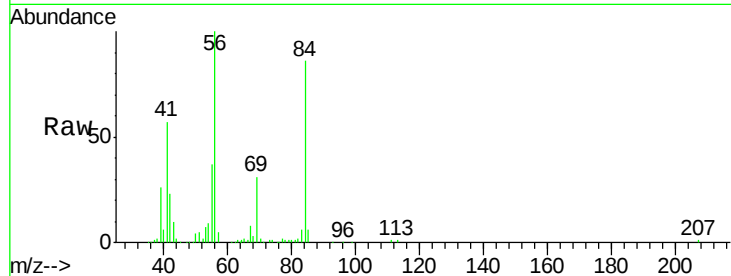
ClientSampleId :

VX0708WBSD03

Tot Ion:	56	Resp:	75455
Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.0	37.4
84	83.8	69.1	103.7

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#32

1,1,1-Trichloroethane

Concen: 18.610 ug/l

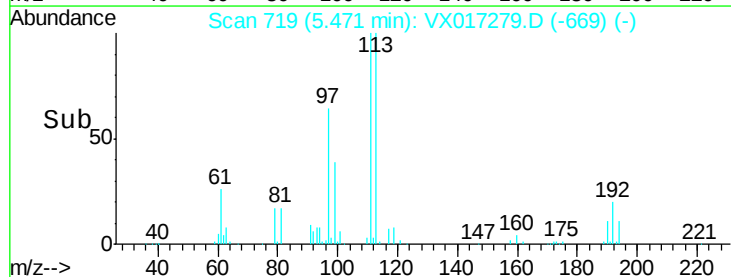
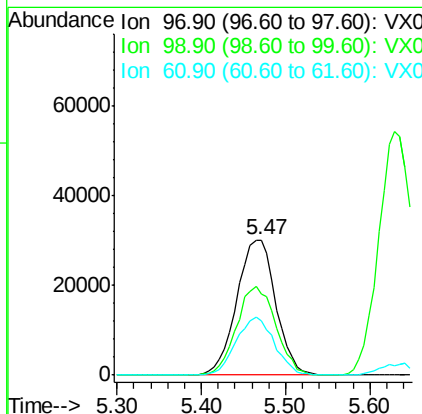
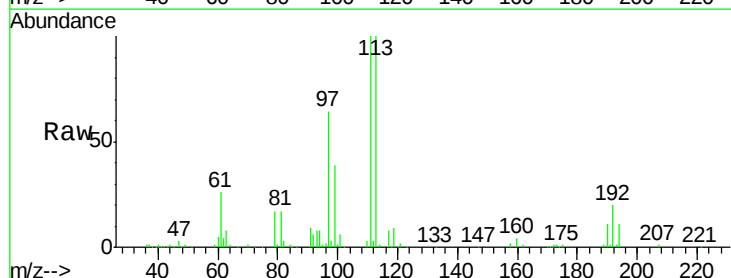
RT: 5.47 min Scan# 719

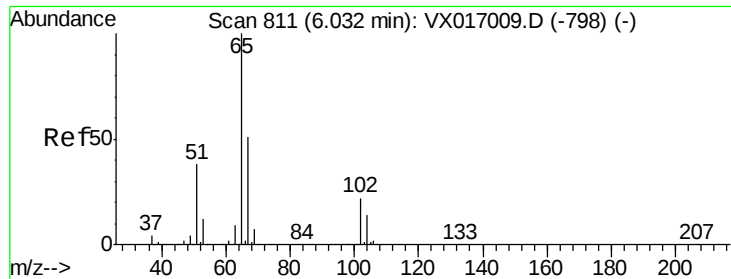
Delta R.T. 0.01 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Tgt Ion:	97	Resp:	94571
Ion	Ratio	Lower	Upper
97	100		
99	66.1	50.8	76.2
61	42.2	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 47.066 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Tot Ion: 65 Resp: 162203

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.8

Instrument :

MSVOA_X

ClientSampleId :

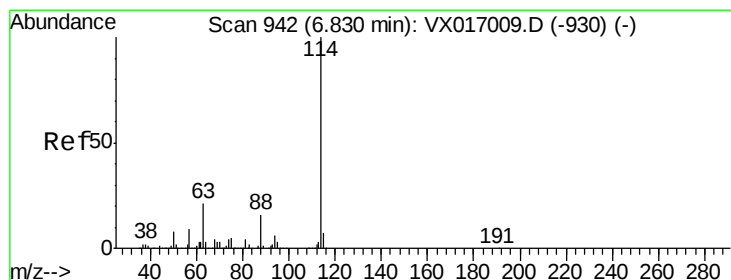
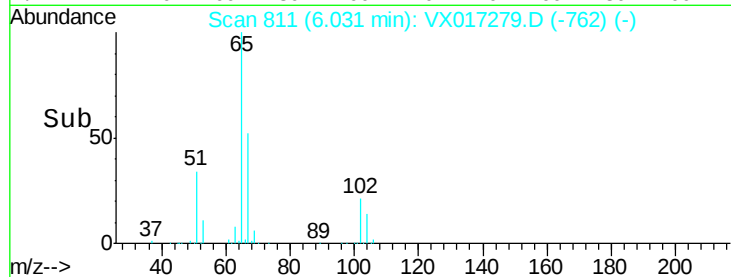
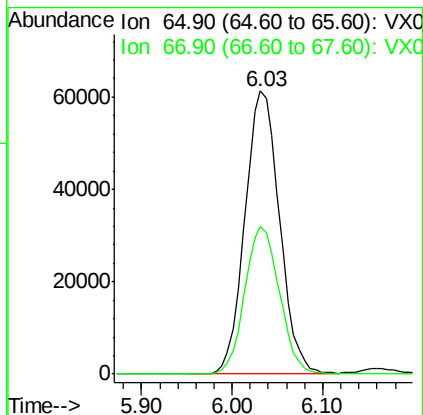
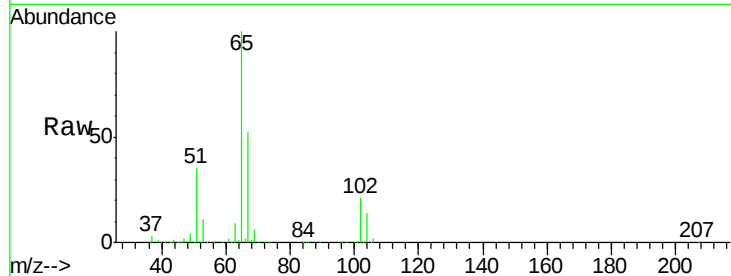
VX0708WBSD03

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

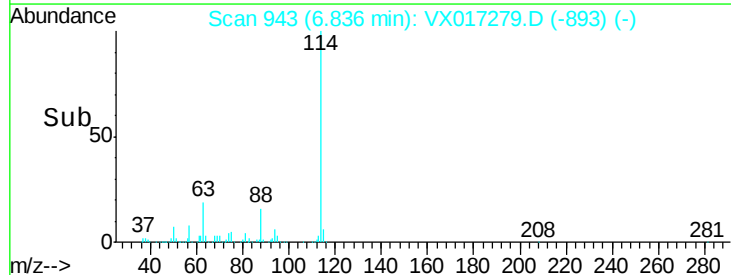
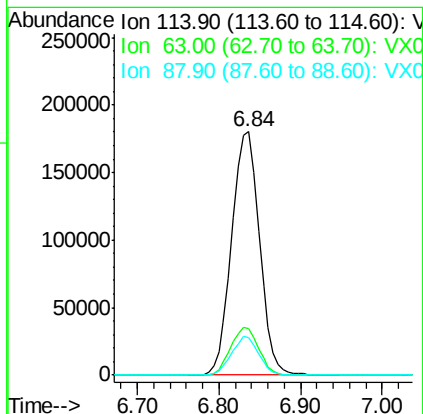
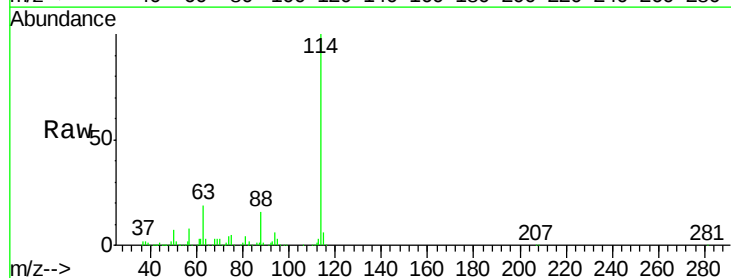
Tgt Ion: 114 Resp: 425072

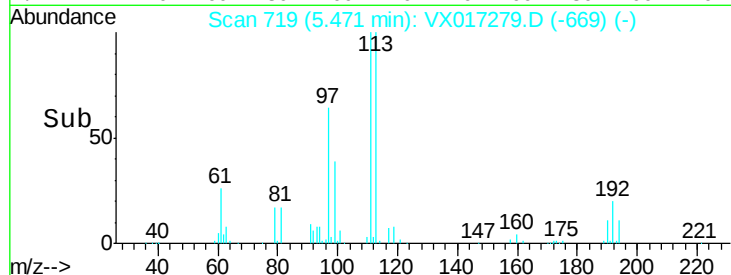
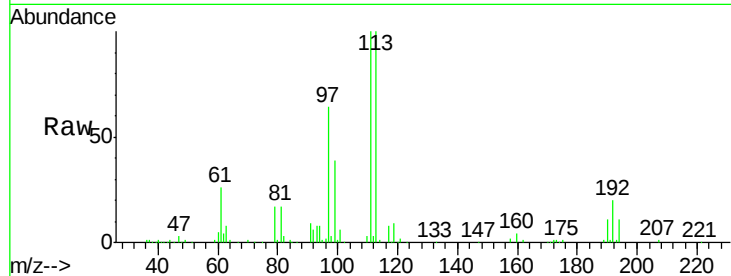
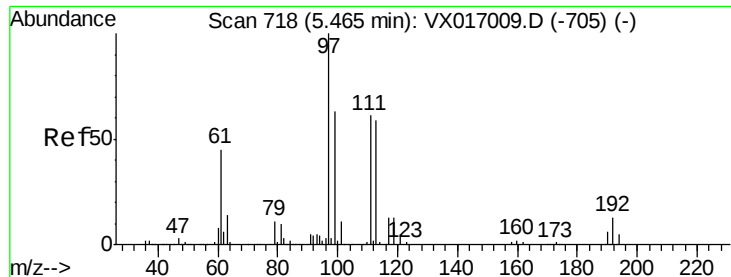
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.4

88 15.7 0.0 32.4





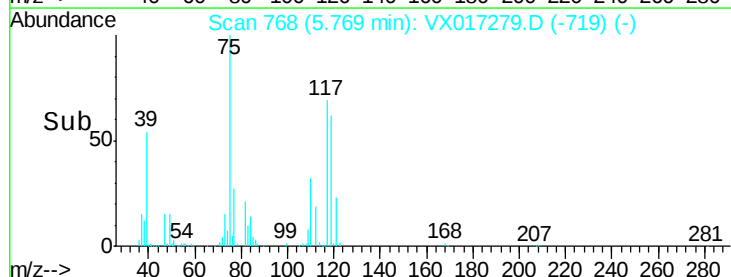
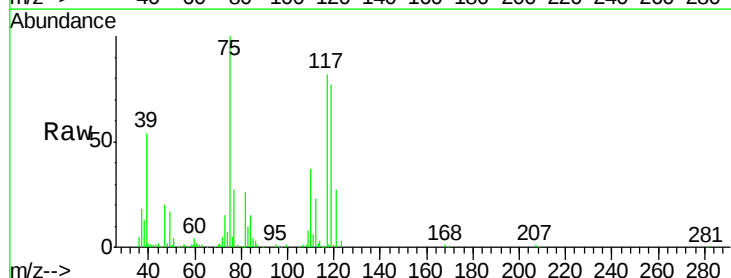
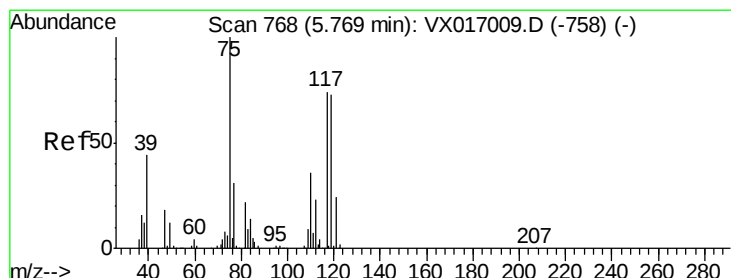
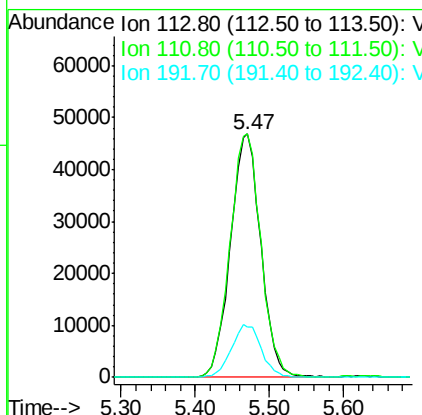
#35
Dibromofluoromethane
Concen: 49.655 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tot Ion	Ratio	Resp	Lower	Upper
113	100	133517		
111	101.9	81.9	122.9	
192	21.4	16.7	25.1	

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD03

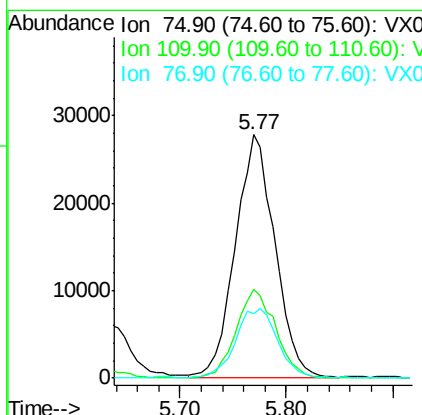
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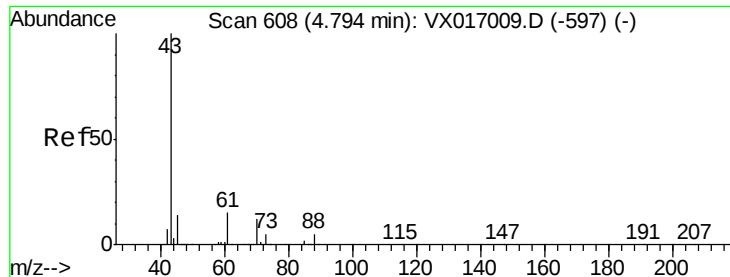
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#36
1,1-Dichloropropene
Concen: 17.991 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72278		
110	36.5	18.1	54.1	
77	30.2	24.6	37.0	





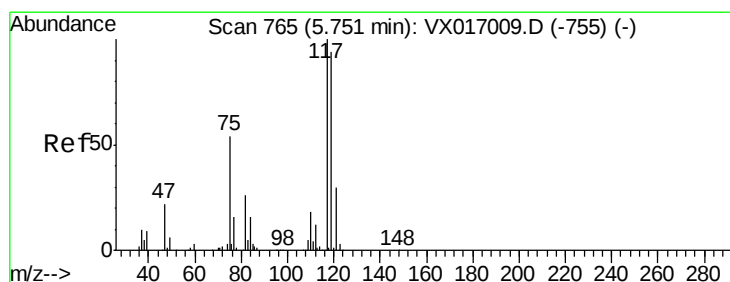
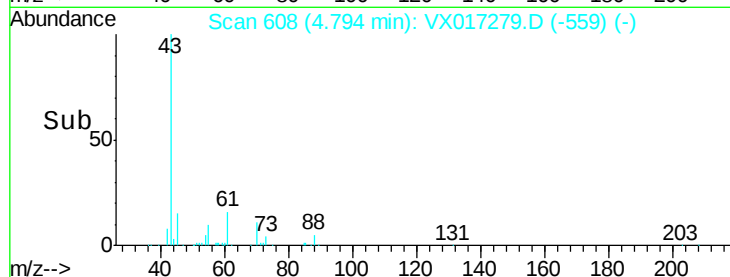
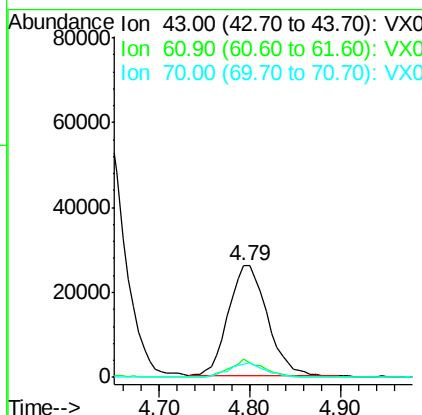
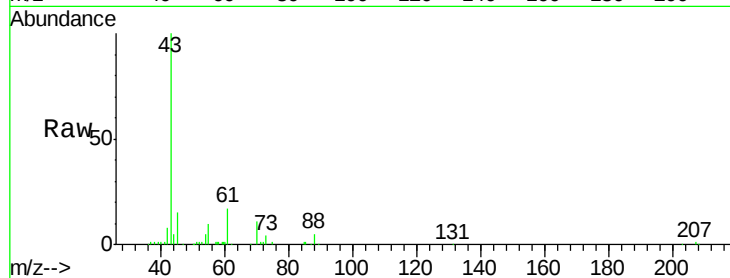
#37
Ethyl Acetate
Concen: 19.133 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD03

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.0	16.4
70	12.1	8.9	13.3

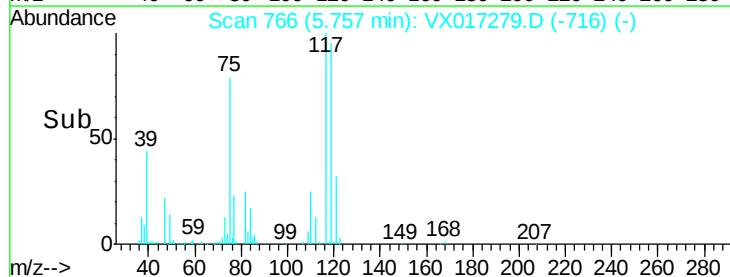
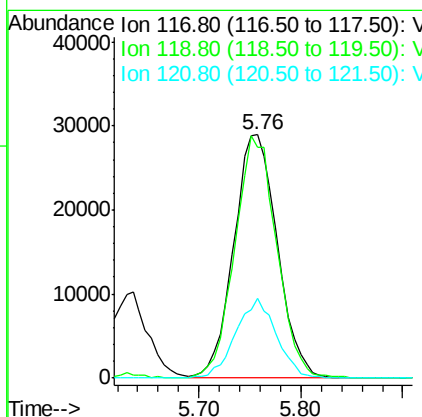
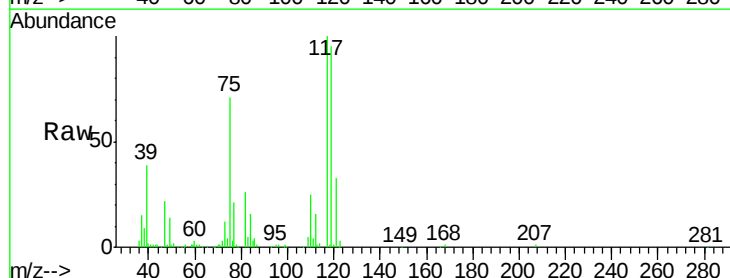
Manual Integrations
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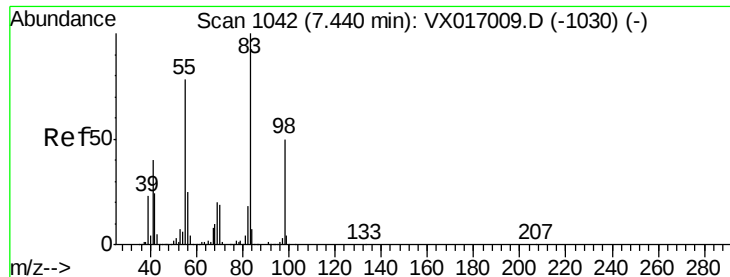
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#38
Carbon Tetrachloride
Concen: 19.265 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.4	113.0
121	33.1	23.8	35.6





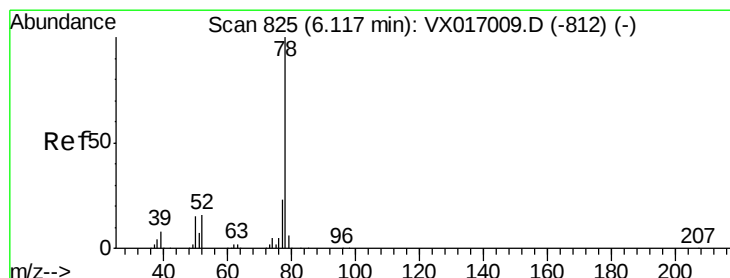
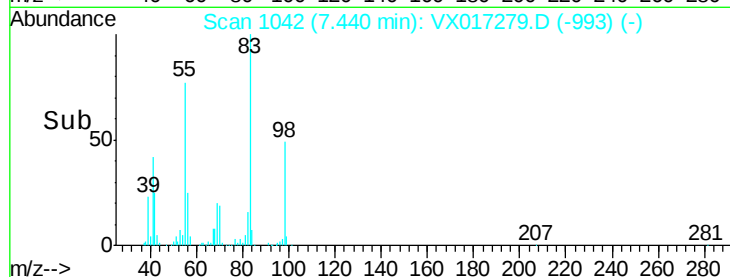
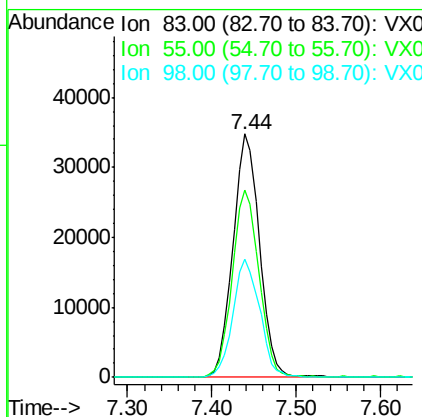
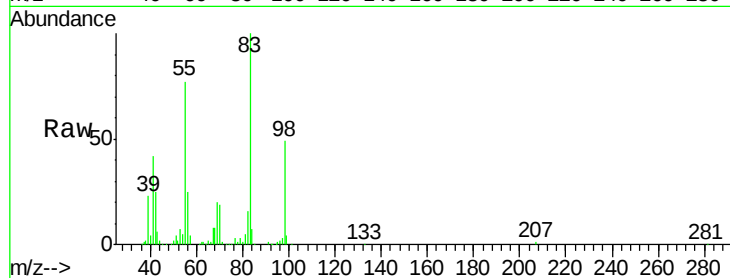
#39
Methvlcvclohexane
Concen: 16.581 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD03

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.7	62.5	93.7
98	48.6	40.1	60.1

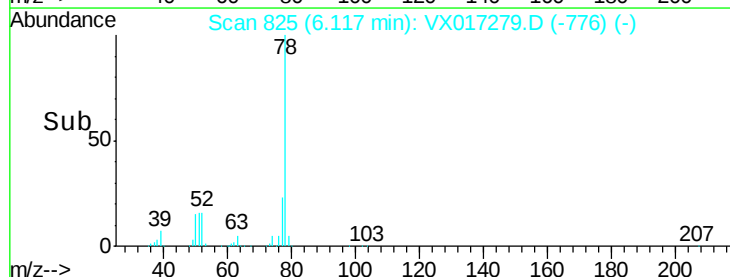
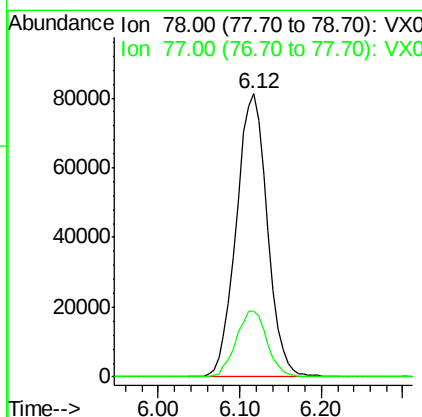
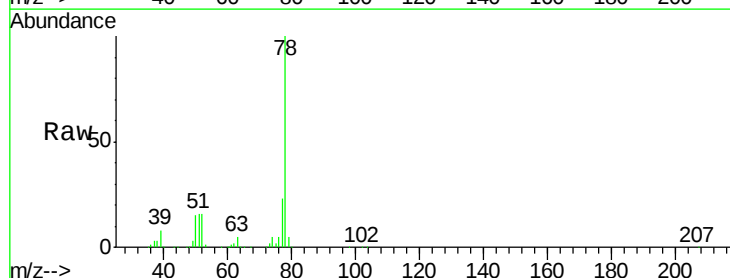
Manual Integrations
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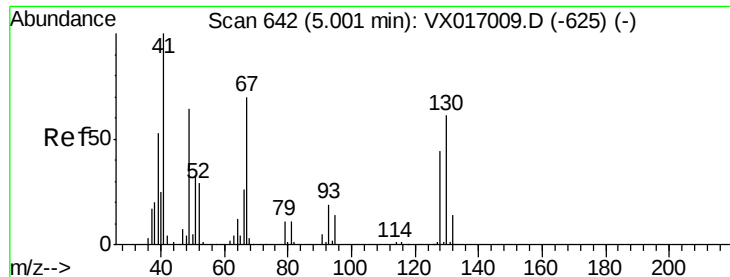
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7/9/2020 11:00:06 AM



#40
Benzene
Concen: 18.113 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.3	27.5





#41

Methacrylonitrile

Concen: 19.059 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

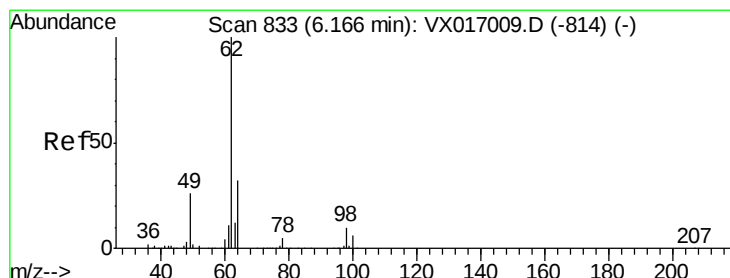
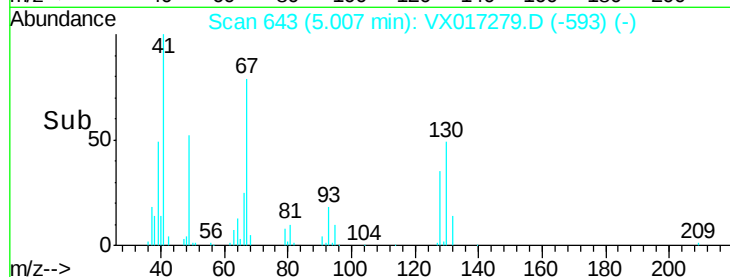
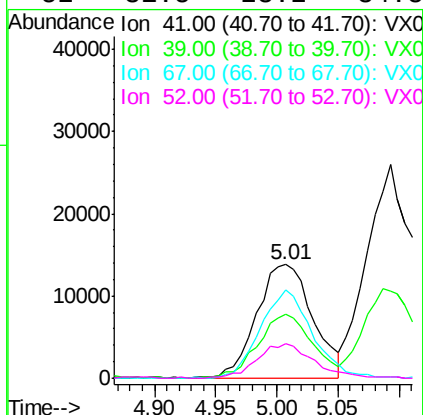
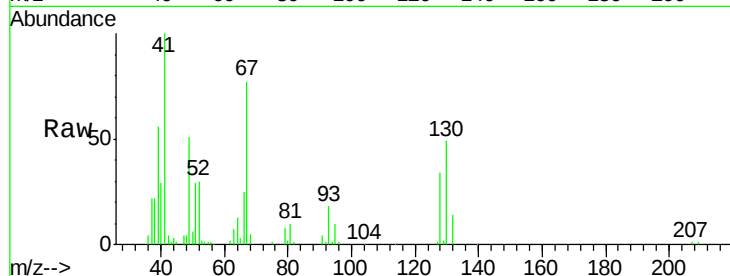
ClientSampled :

VX0708WBSD03

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	44.4	66.6	
67	73.0	57.1	85.7	
52	31.5	23.2	34.8	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.432 ug/l

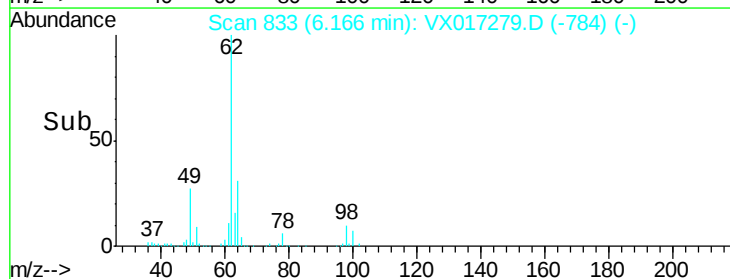
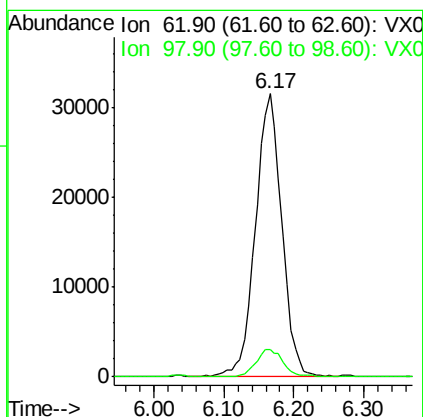
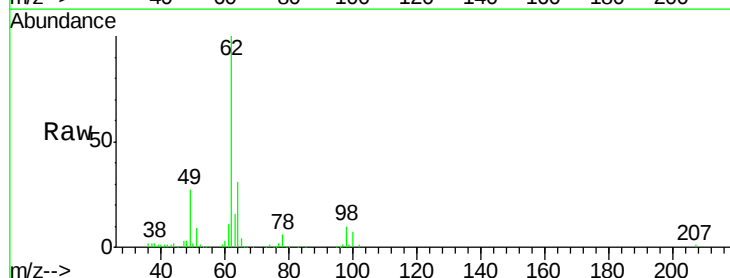
RT: 6.17 min Scan# 833

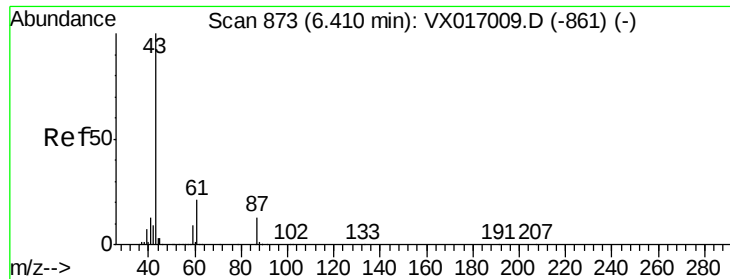
Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.2	





#43

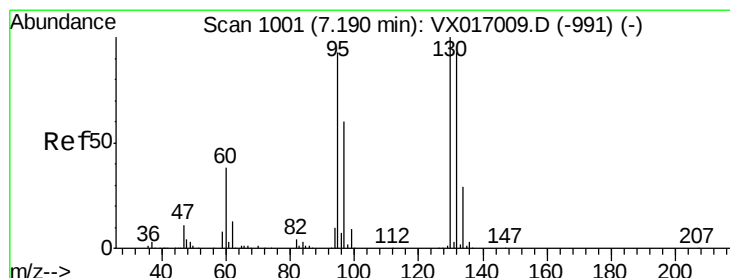
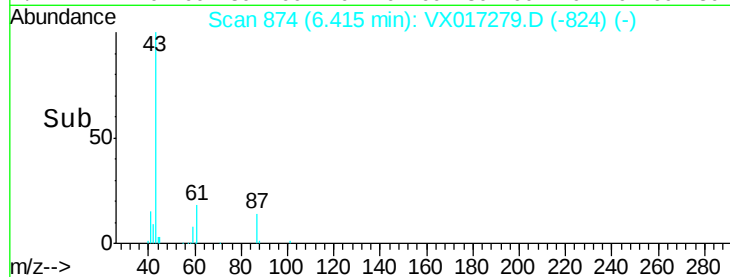
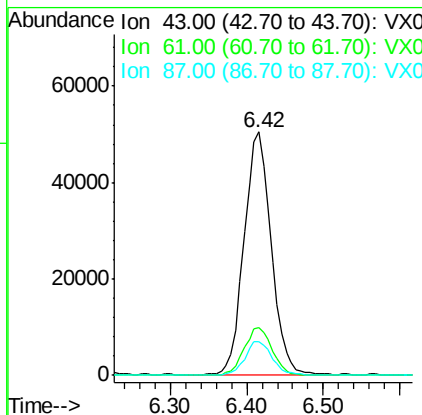
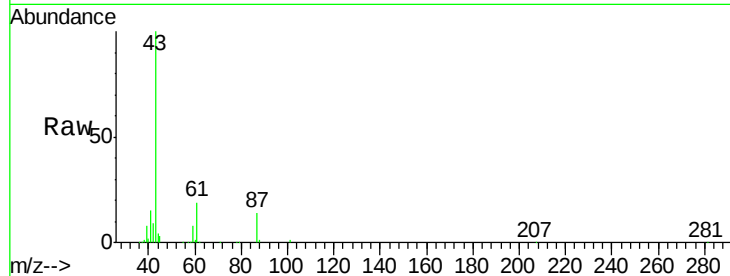
Isopropyl Acetate
 Concen: 18.390 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017279.D
 Acq: 09 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD03

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.2	24.2
87	14.1	10.7	16.1

Manual Integrations
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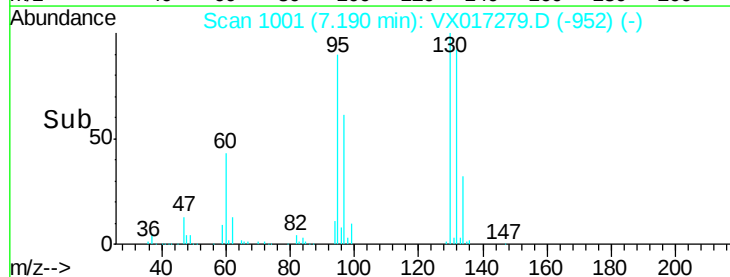
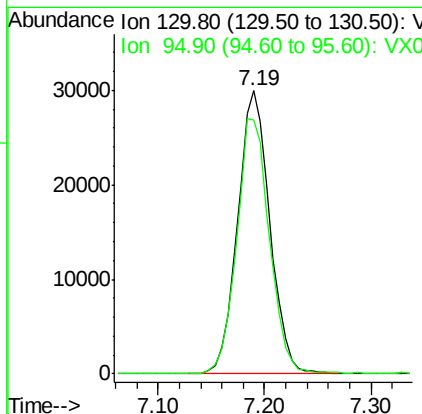
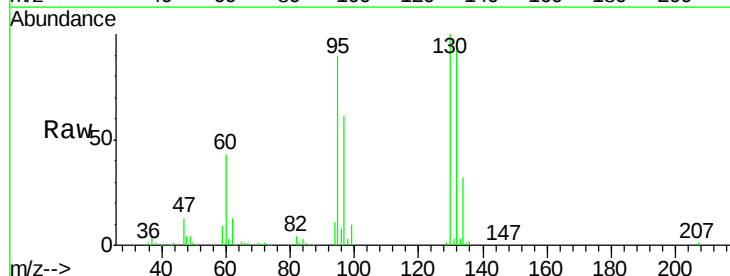
MMDadoda
 7/9/2020 11:00:06 AM



#44

Trichloroethene
 Concen: 19.326 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017279.D
 Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	185.0





#45

1,2-Dichloropropane

Concen: 18.508 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD03

Tot Ion: 63 Resp: 56113

Ion Ratio Lower Upper

63 100

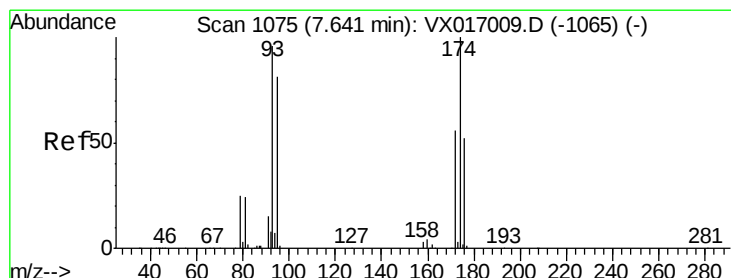
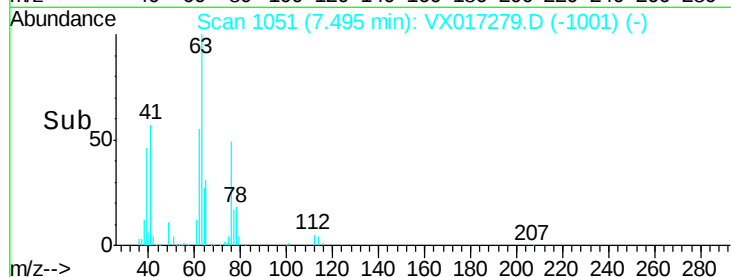
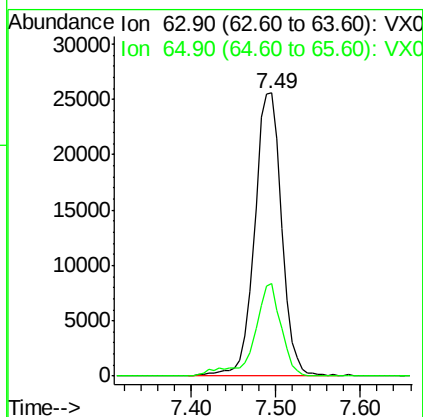
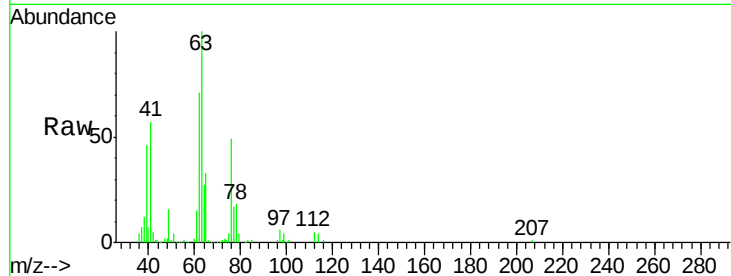
65 32.9 24.6 36.8

Manual Integrations

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7/9/2020 11:00:06 AM



#46

Dibromomethane

Concen: 18.806 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

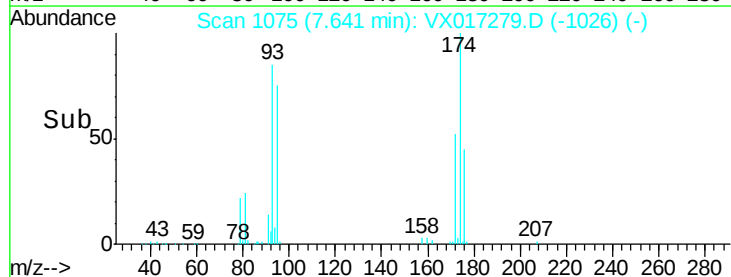
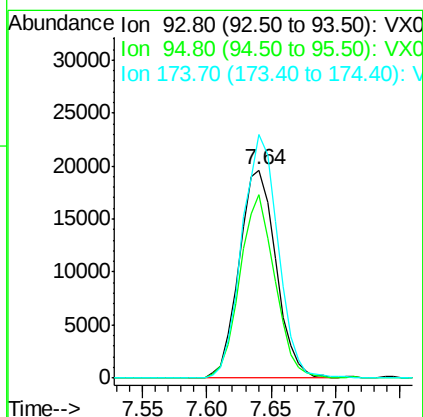
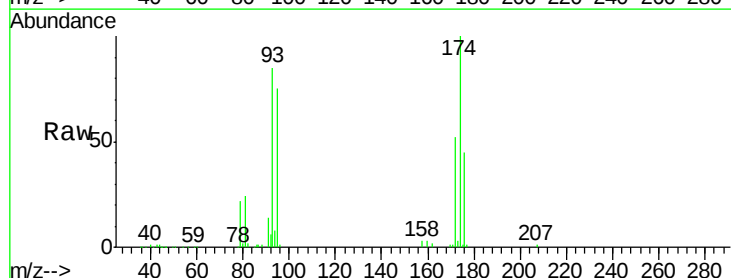
Tgt Ion: 93 Resp: 38926

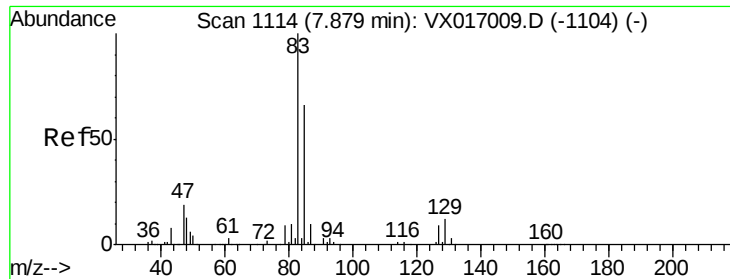
Ion Ratio Lower Upper

93 100

95 83.5 67.4 101.0

174 114.2 84.3 126.5





#47

Bromodichloromethane

Concen: 19.731 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

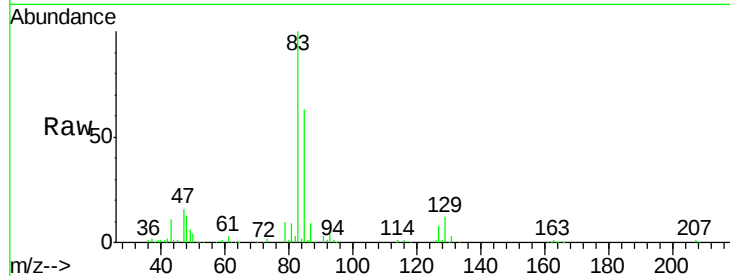
ClientSampleId :

VX0708WBSD03

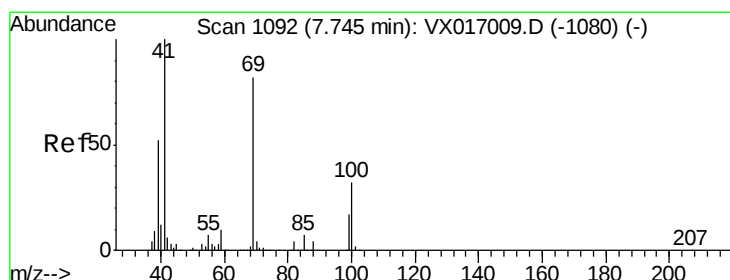
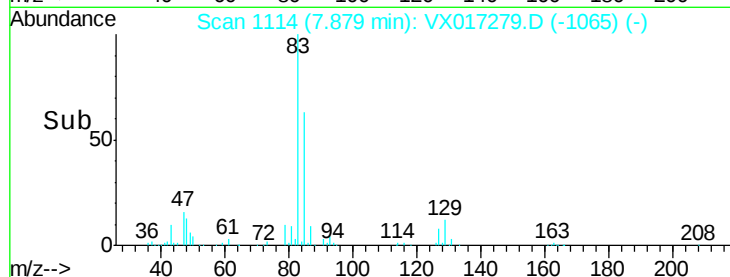
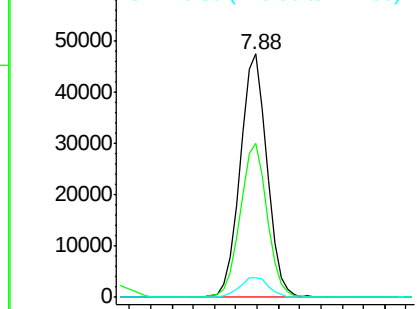
Tot Ion:	83	Resp:	84165
Ion	Ratio	Lower	Upper
83	100		
85	63.0	53.0	79.4
127	8.3	7.5	11.3

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.069 ug/l

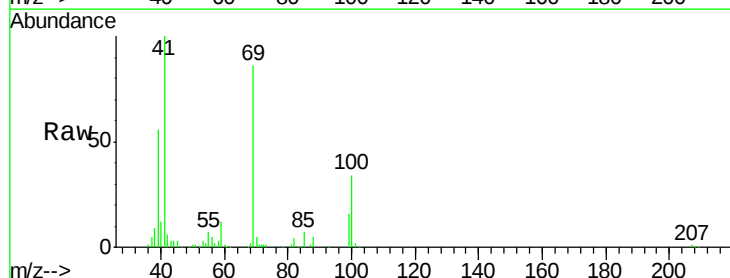
RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

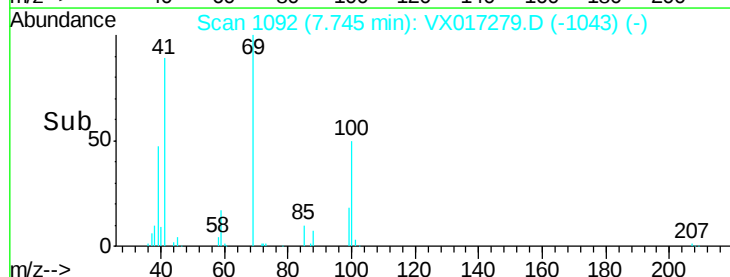
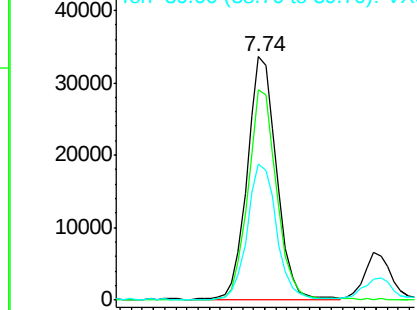
Lab File: VX017279.D

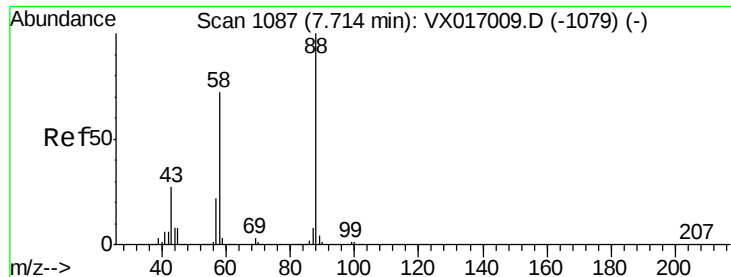
Acq: 09 Jul 2020 00:33

Tgt Ion:	41	Resp:	61364
Ion	Ratio	Lower	Upper
41	100		
69	84.6	65.8	98.8
39	56.6	42.5	63.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





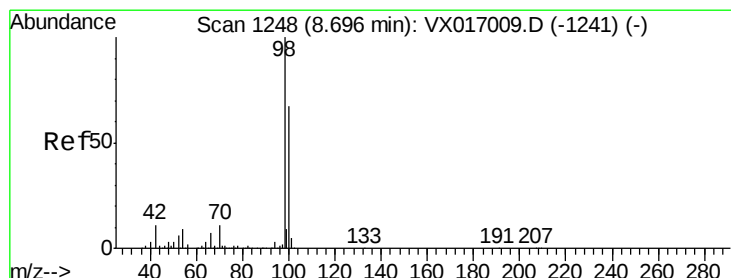
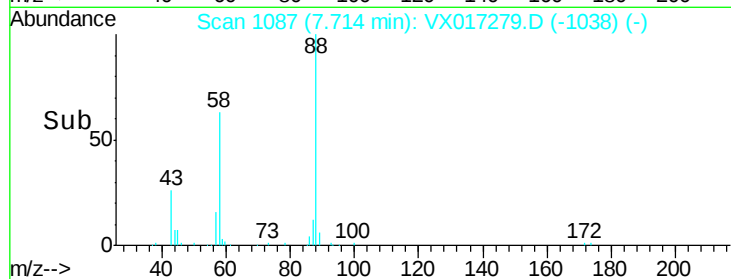
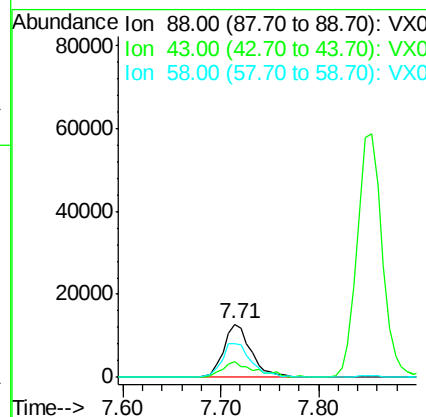
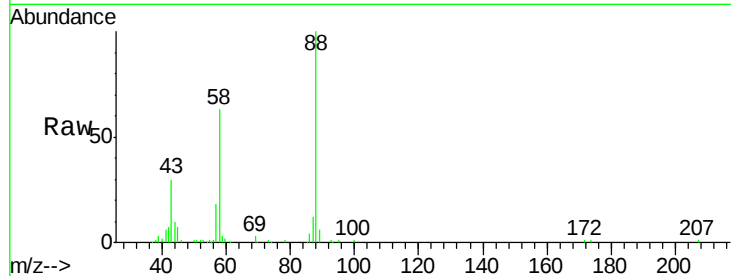
#49
1,4-Dioxane
Concen: 343.225 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD03

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	25.8	38.8
58	68.9	54.8	82.2

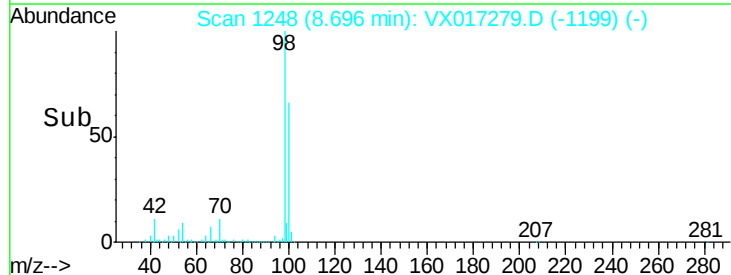
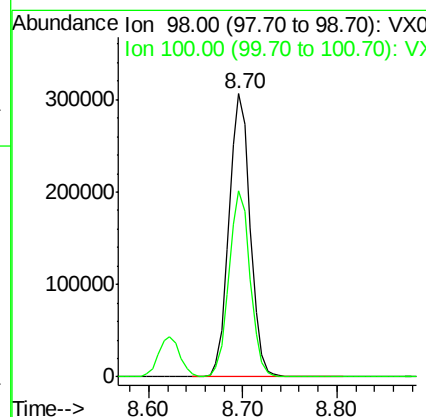
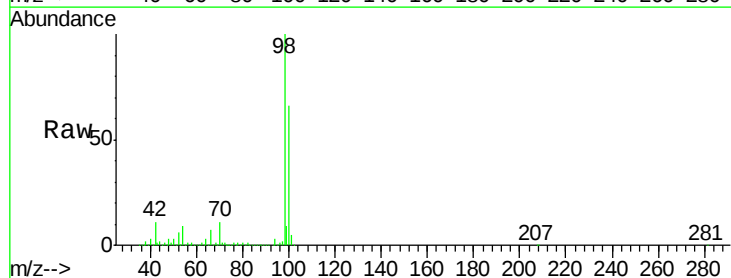
Manual Integrations
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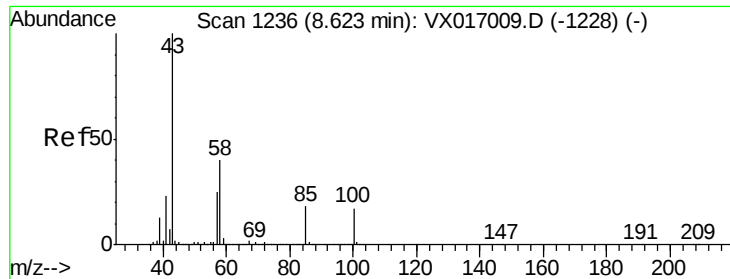
MMDadoda
7/9/2020 11:00:06 AM



#50
Toluene-d8
Concen: 48.001 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.8	80.6





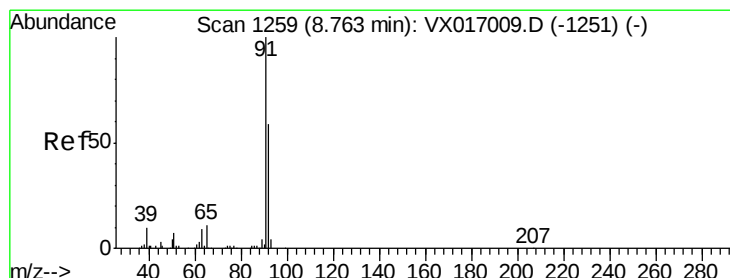
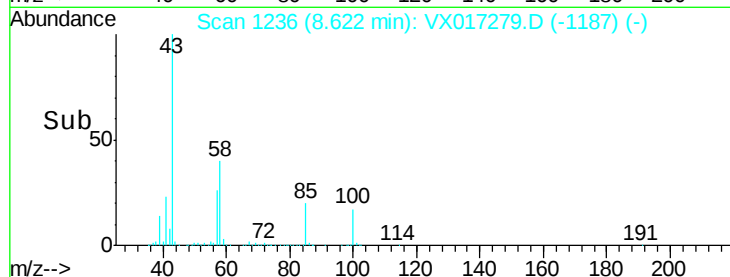
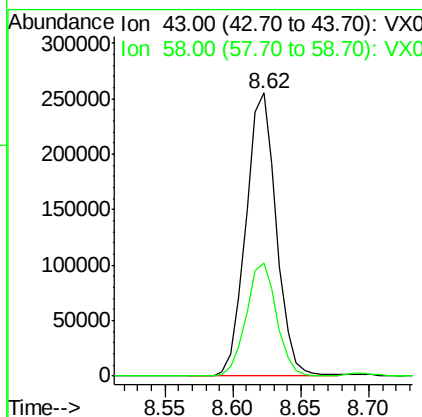
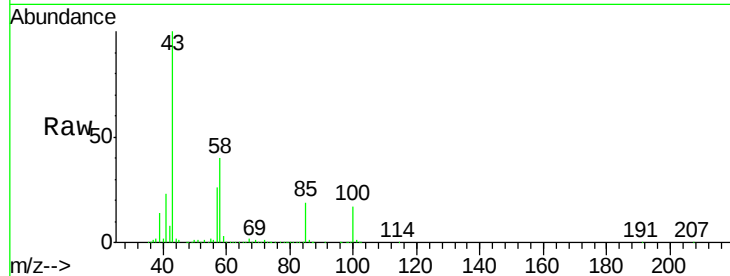
#51
4-Methyl-2-Pentanone
Concen: 98.624 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD03

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.9	47.9

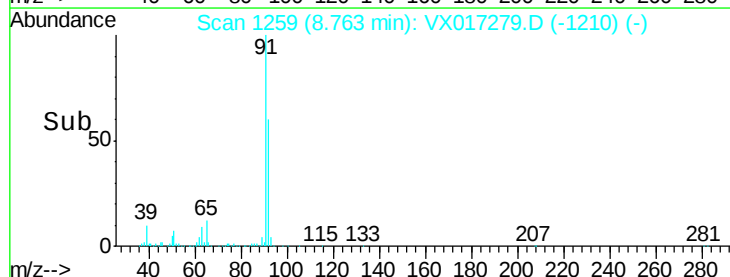
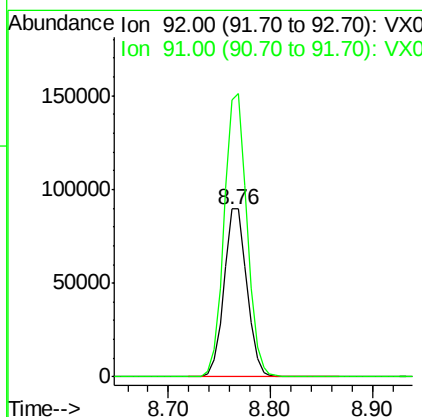
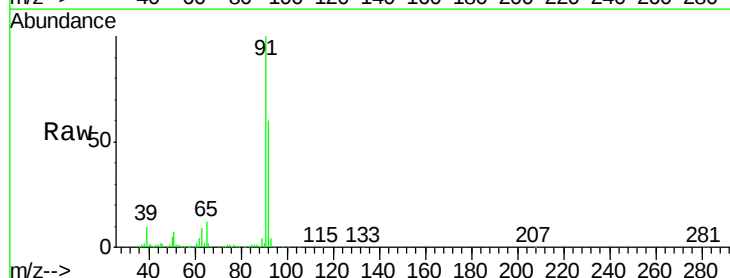
Manual Integrations
APPROVED

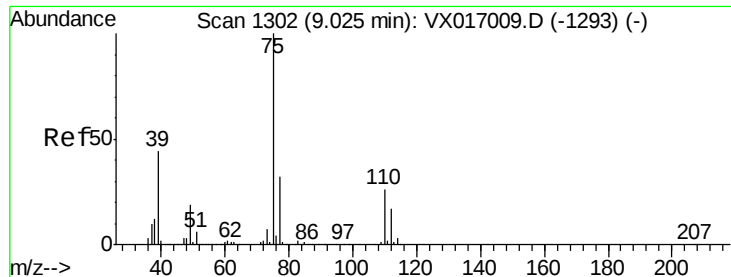
MMDadoda
7/9/2020 11:00:06 AM



#52
Toluene
Concen: 18.942 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.7	136.9	205.3





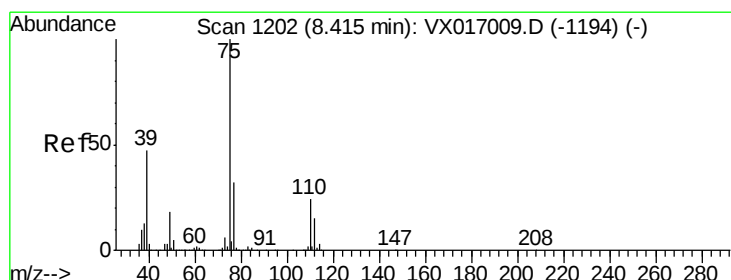
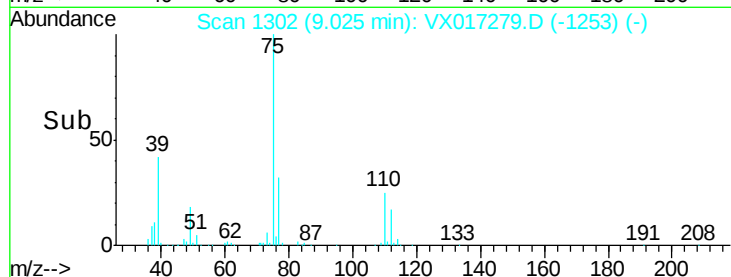
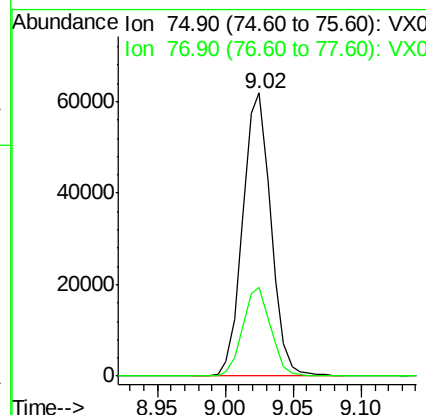
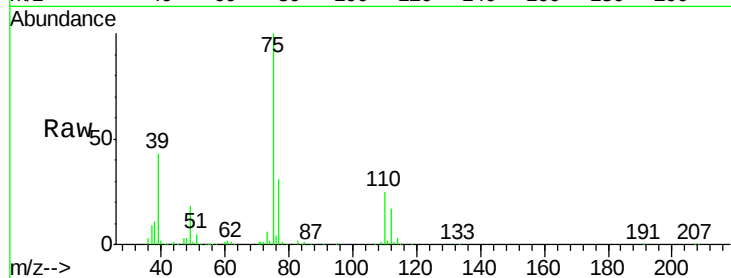
#53
t-1,3-Dichloropropene
Concen: 19.026 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampled :
VX0708WBSD03

Tot Ion: 75 Resp: 89544
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

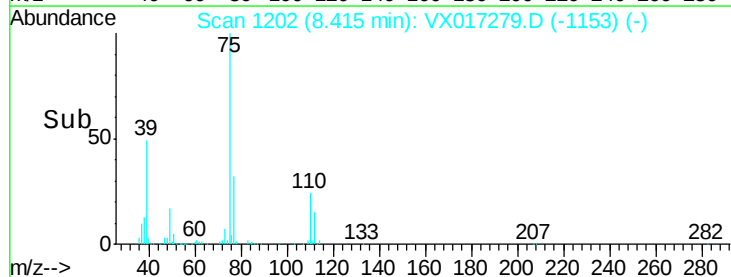
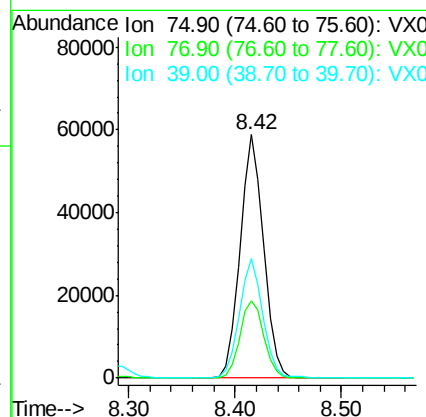
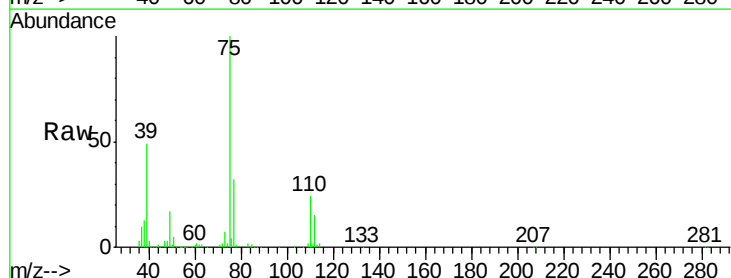
Manual Integrations
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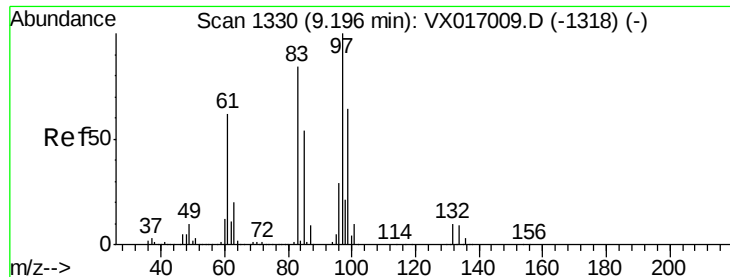
MMDadoda
7/9/2020 11:00:06 AM



#54
cis-1,3-Dichloropropene
Concen: 18.084 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion: 75 Resp: 91235
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 48.7 37.4 56.2





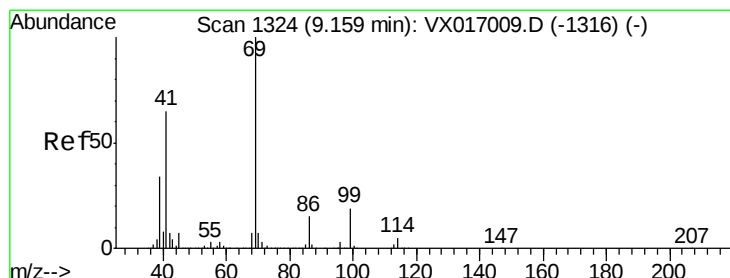
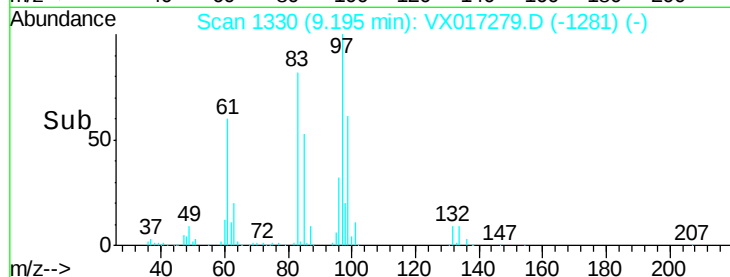
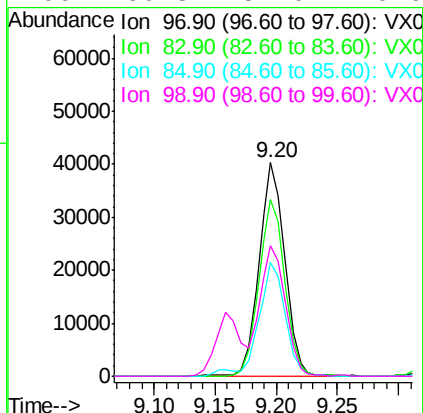
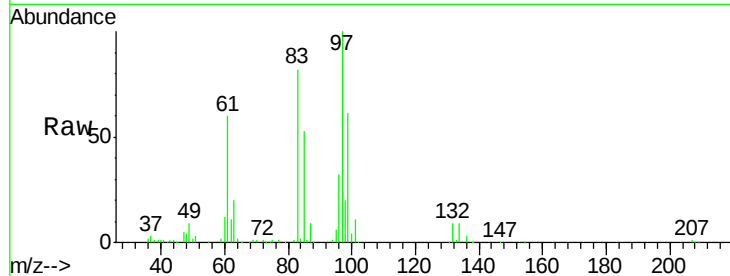
#55
 1,1,2-Trichloroethane
 Concen: 19.693 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017279.D
 Acq: 09 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD03

Tot Ion:	97	Resp:	59298
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.0	100.6
85	53.3	43.5	65.3
99	60.8	51.0	76.6

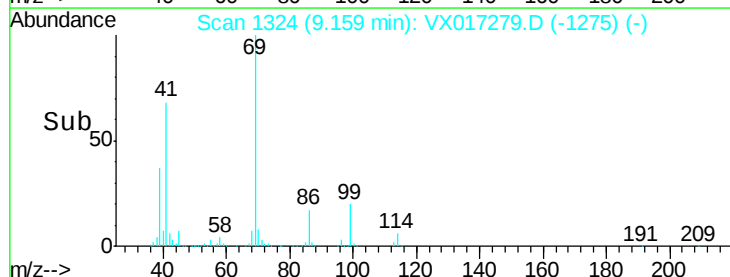
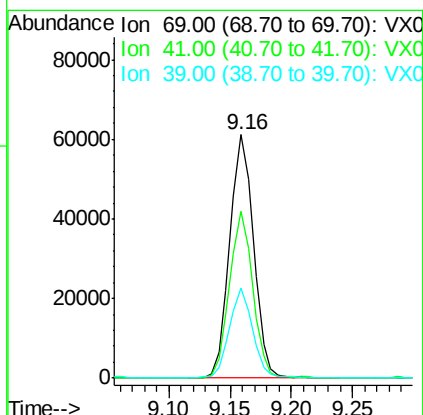
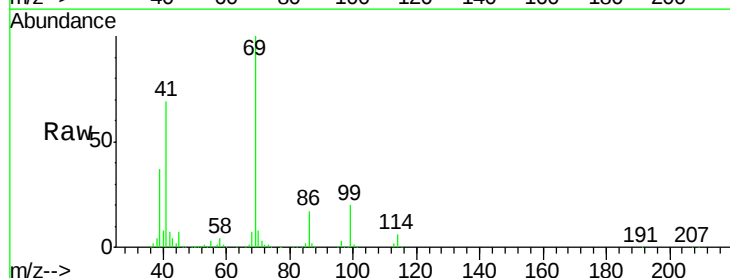
Manual Integrations
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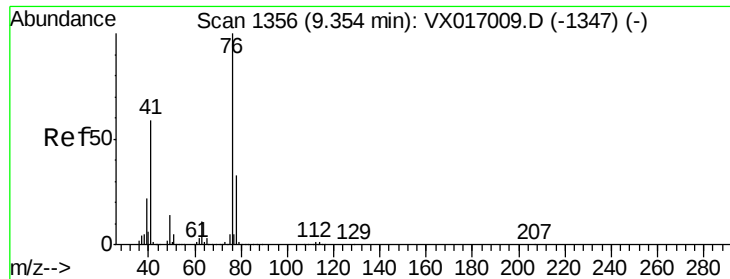
MMDadoda
 7/9/2020 11:00:06 AM



#56
 Ethyl methacrylate
 Concen: 19.259 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017279.D
 Acq: 09 Jul 2020 00:33

Tgt Ion:	69	Resp:	82538
Ion	Ratio	Lower	Upper
69	100		
41	66.7	53.6	80.4
39	35.8	28.2	42.2





#57

1,3-Dichloropropane

Concen: 19.077 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD03

Tot Ion: 76 Resp: 97197

Ion Ratio Lower Upper

76 100

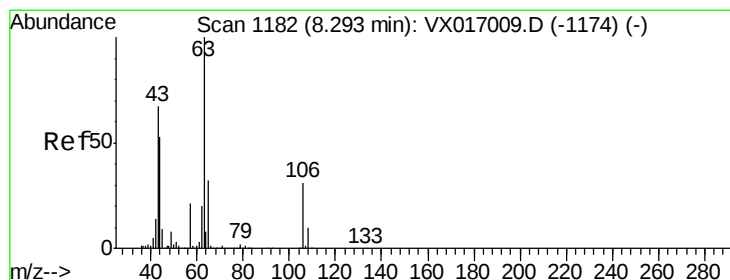
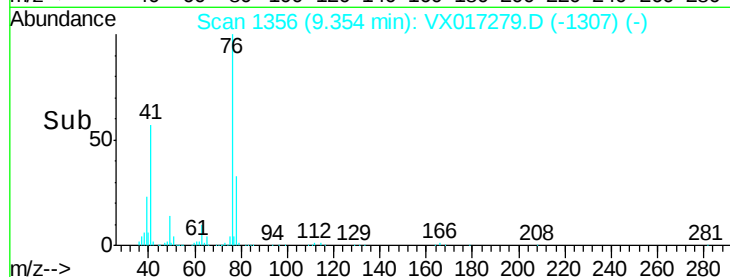
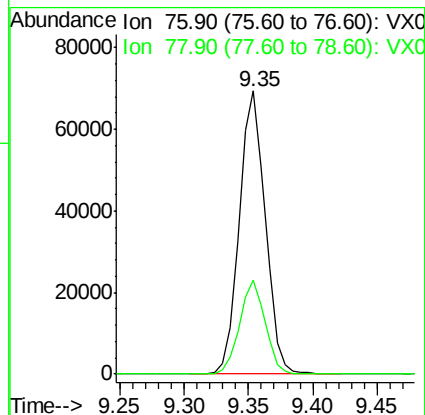
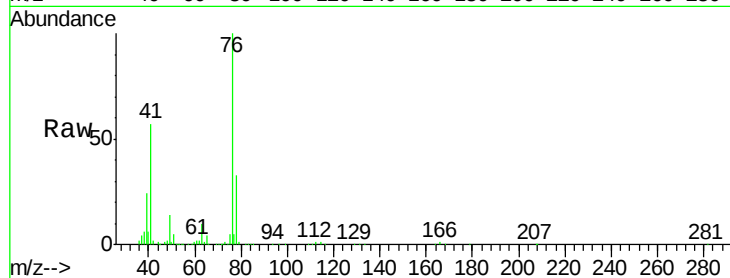
78 32.6 25.9 38.9

Manual Integrations

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MMDadoda

7/9/2020 11:00:06 AM



#58

2-Chloroethyl Vinyl ether

Concen: 92.055 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017279.D

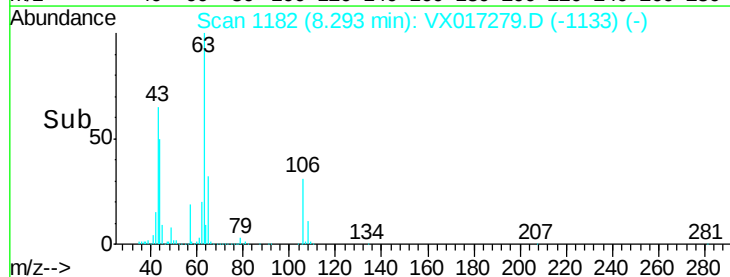
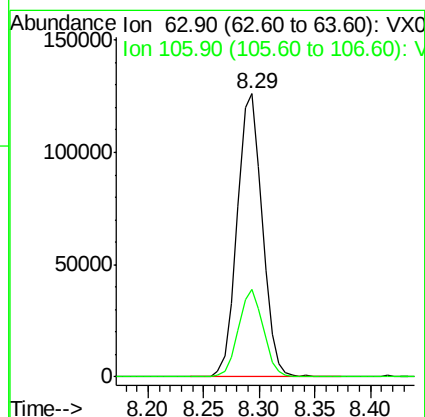
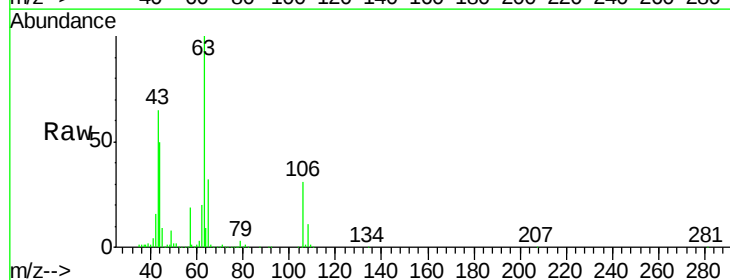
Acq: 09 Jul 2020 00:33

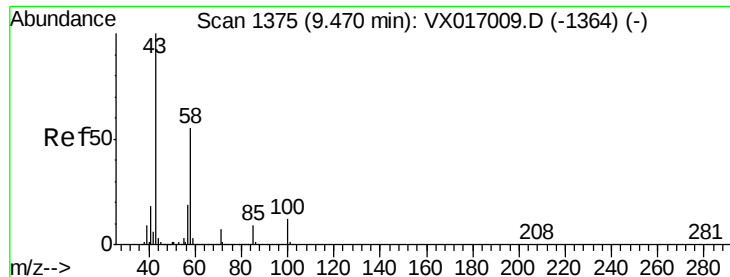
Tgt Ion: 63 Resp: 196349

Ion Ratio Lower Upper

63 100

106 31.0 24.0 36.0





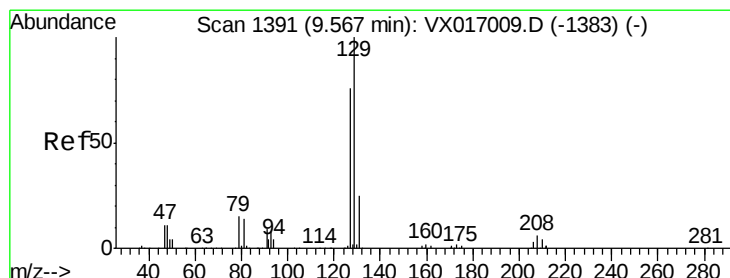
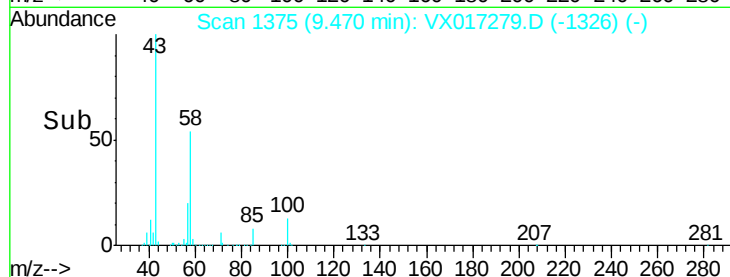
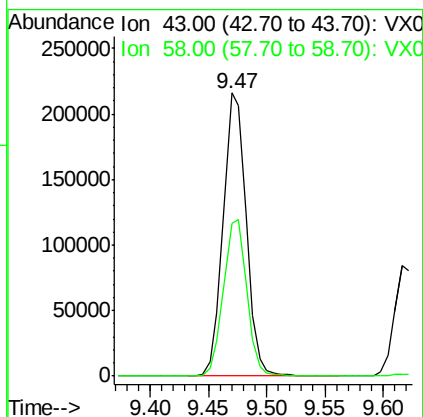
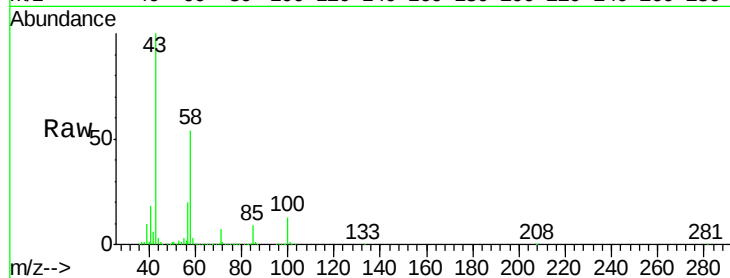
#59
2-Hexanone
Concen: 100.521 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD03

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.8	27.9	83.6

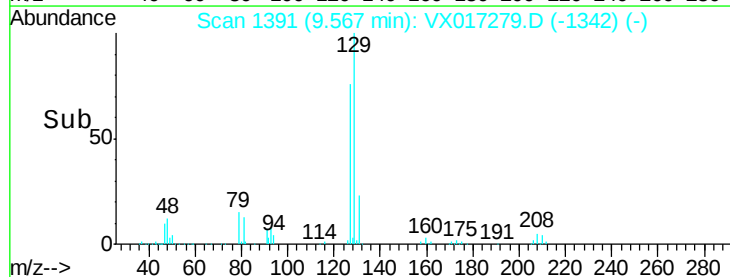
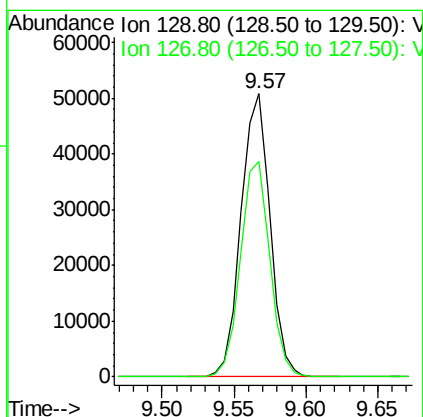
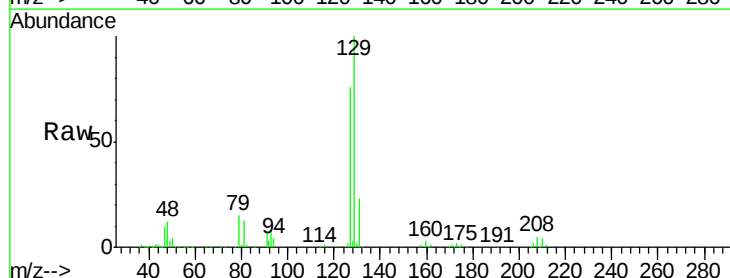
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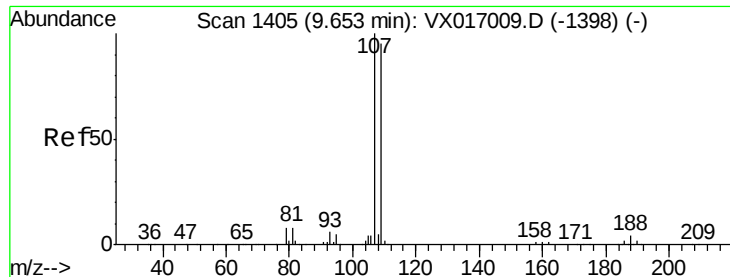
MMDadoda
7/9/2020 11:00:06 AM



#60
Dibromochloromethane
Concen: 20.330 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.9	116.7





#61

1,2-Dibromoethane

Concen: 19.430 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD03

Tot Ion:107 Resp: 62887

Ion Ratio Lower Upper

107 100

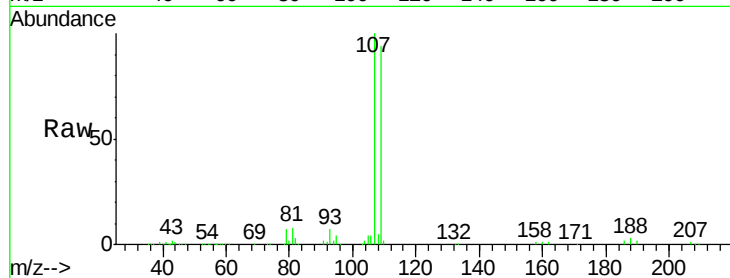
109 94.0 75.8 113.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

40000

30000

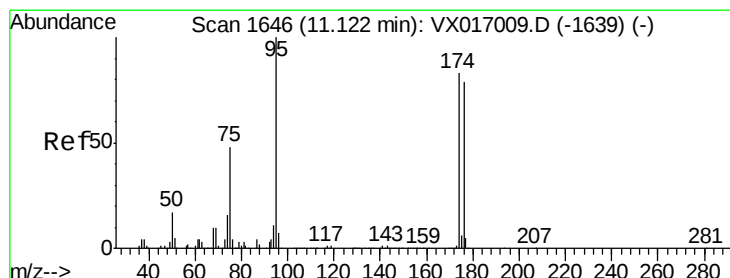
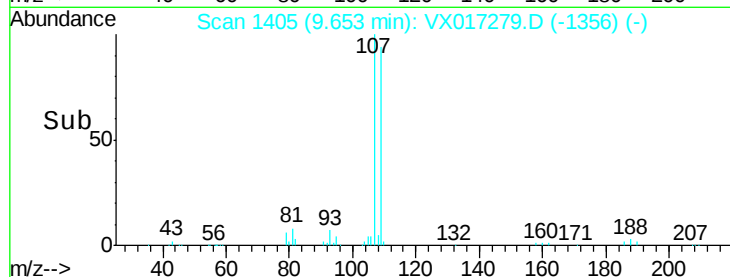
20000

10000

0

9.60 9.65 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 49.233 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

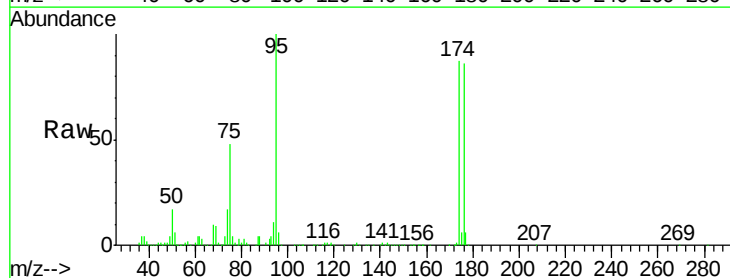
Tgt Ion: 95 Resp: 191358

Ion Ratio Lower Upper

95 100

174 85.5 0.0 164.0

176 82.7 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

150000

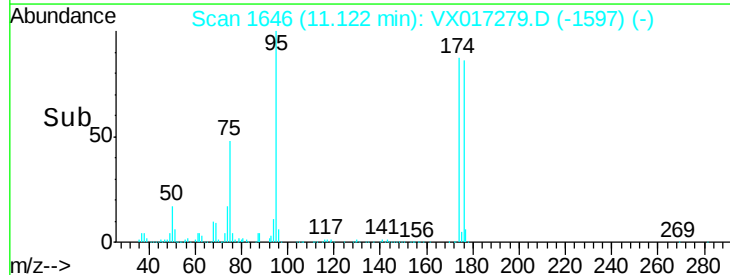
100000

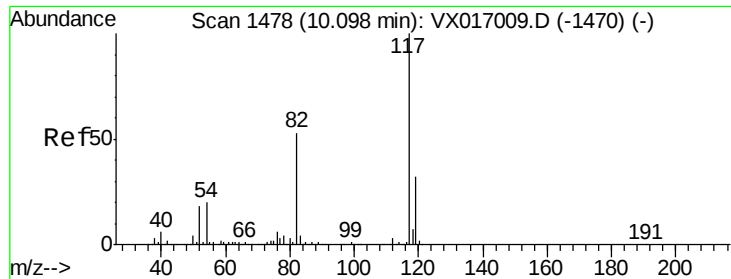
50000

0

11.10 11.12 11.20

Time-->





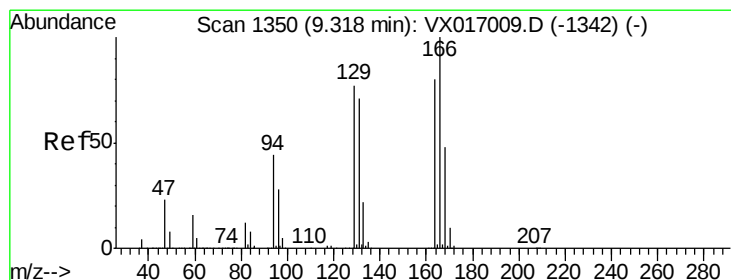
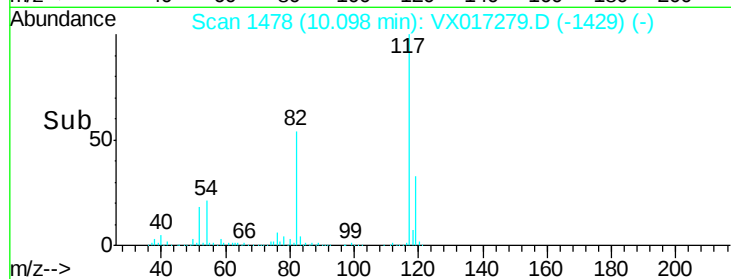
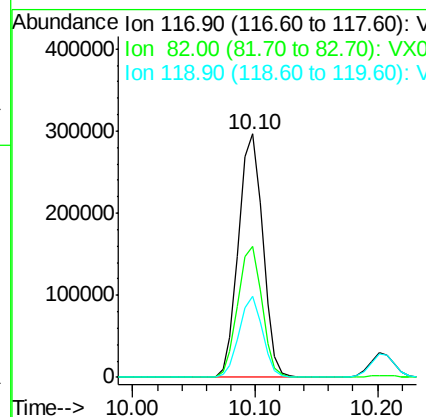
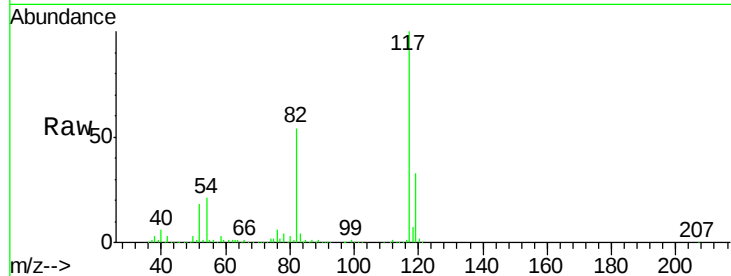
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD03

Tot Ion:	117	Resp:	406847
Ion Ratio	Lower	Upper	
117	100		
82	53.6	42.6	63.8
119	33.2	25.4	38.2

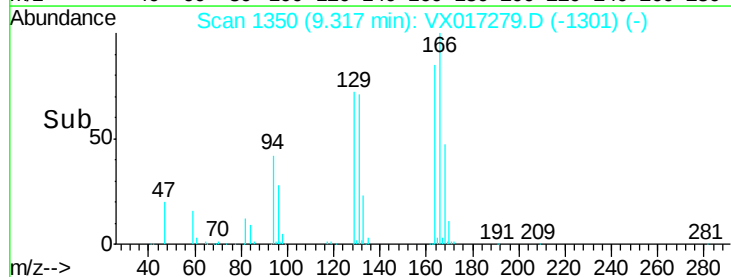
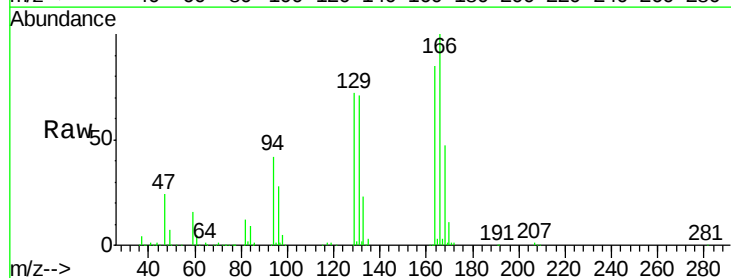
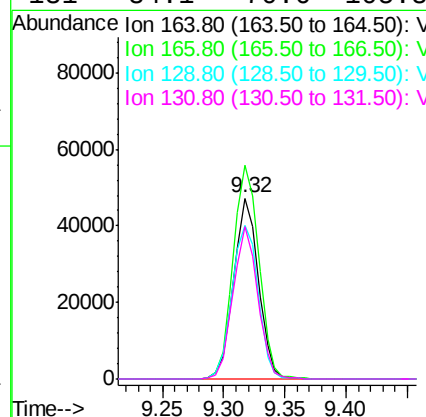
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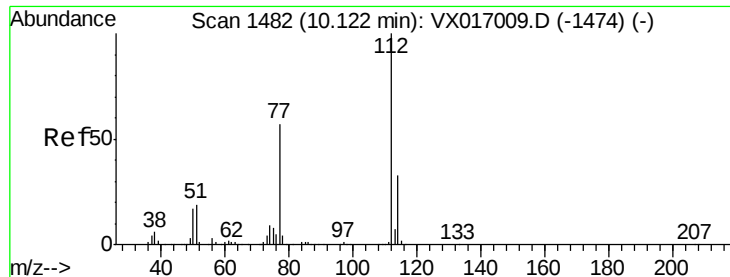
MMDadoda
7/9/2020 11:00:06 AM



#64
Tetrachloroethene
Concen: 20.112 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion:	164	Resp:	66038
Ion Ratio	Lower	Upper	
164	100		
166	118.1	99.4	149.0
129	84.8	76.3	114.5
131	84.1	70.6	105.8





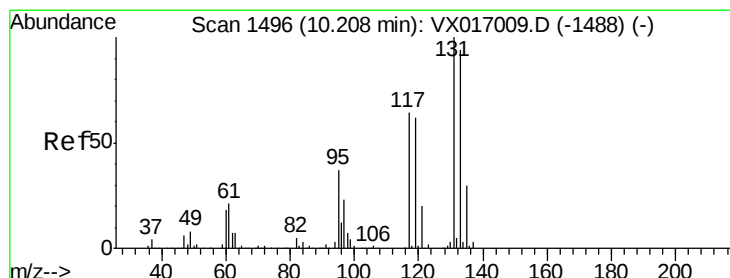
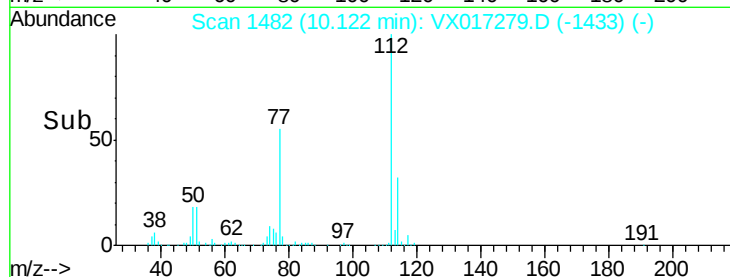
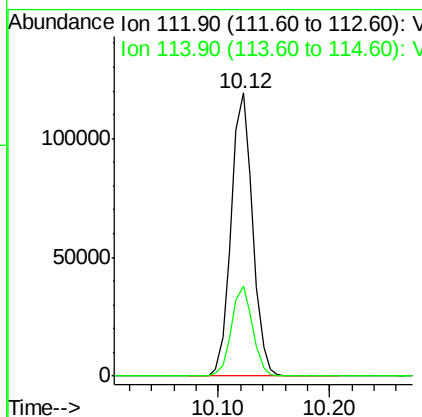
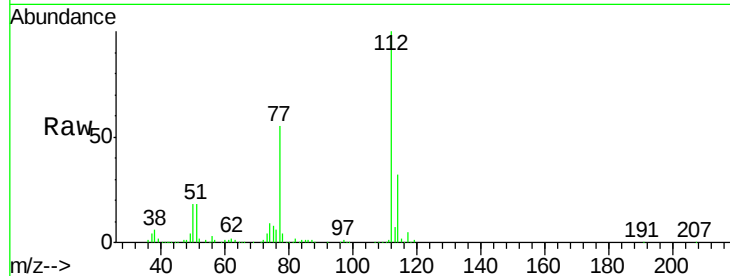
#65
Chlorobenzene
Concen: 18.892 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD03

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.2	39.4

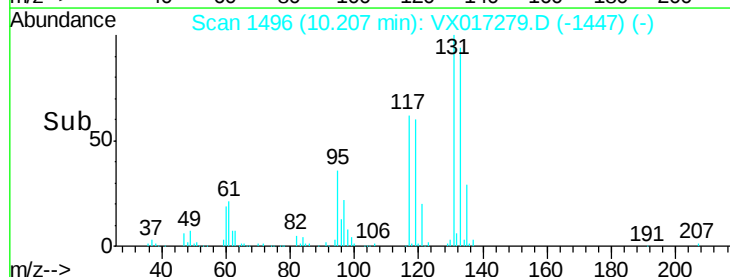
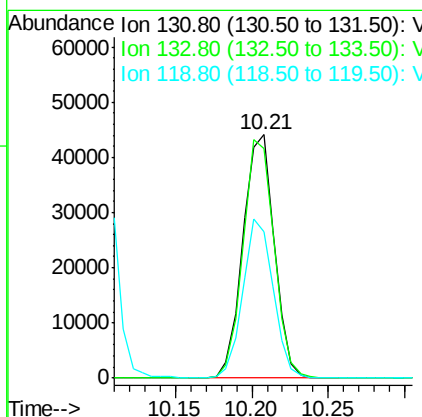
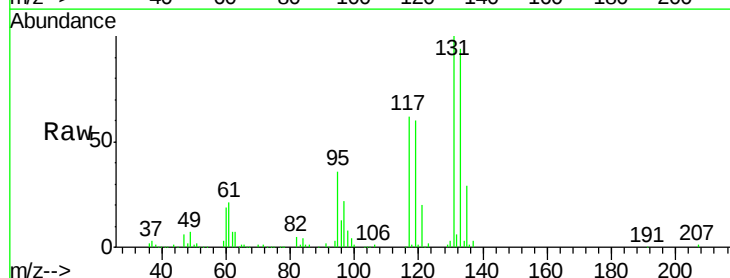
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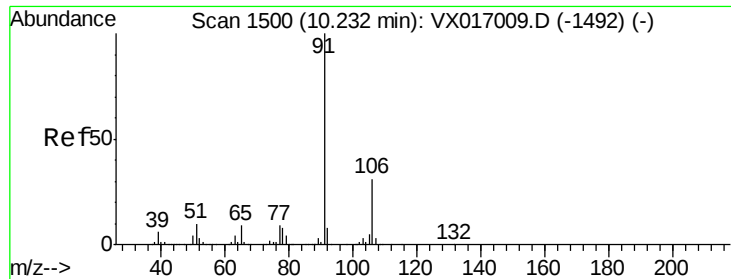
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.399 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.7	47.3	141.9
119	63.5	31.9	95.5





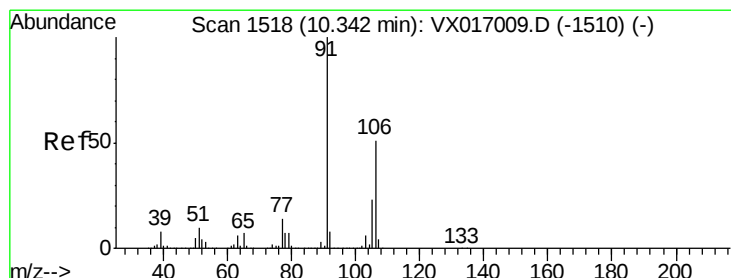
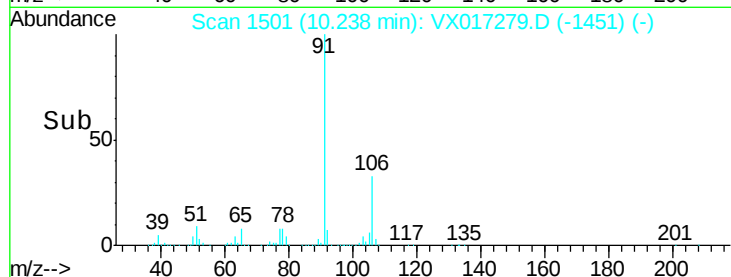
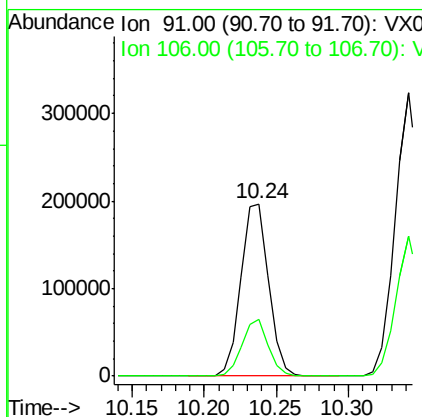
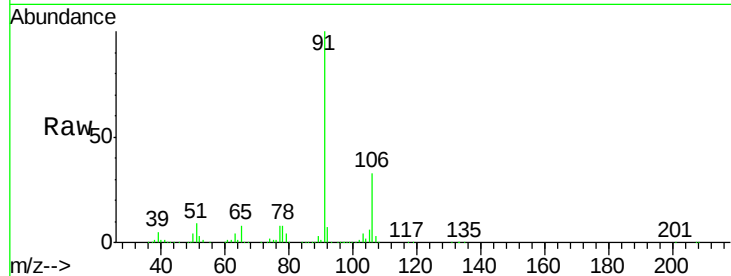
#67
Ethyl Benzene
Concen: 18.793 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD03

Tot Ion: 91 Resp: 263540
Ion Ratio Lower Upper
91 100
106 32.7 24.7 37.1

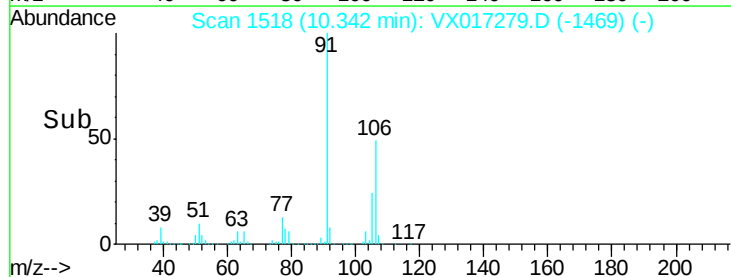
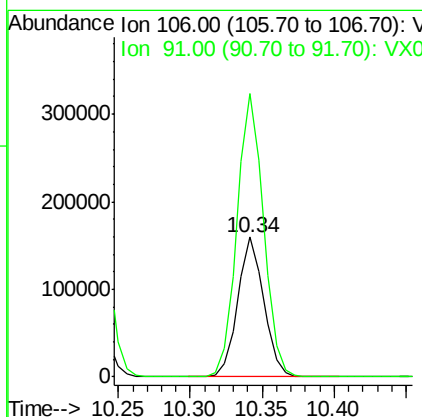
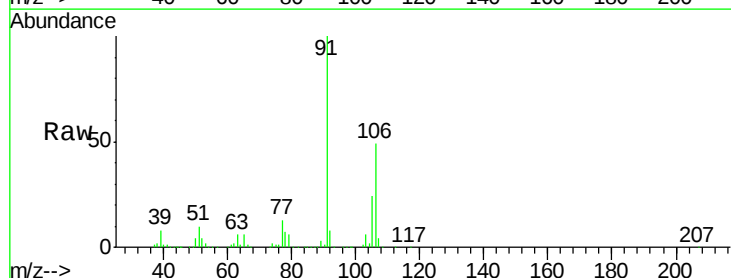
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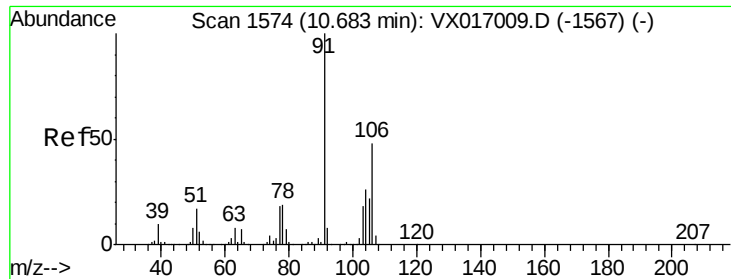
MMDadoda
7/9/2020 11:00:06 AM



#68
m/p-Xylenes
Concen: 37.496 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion: 106 Resp: 201896
Ion Ratio Lower Upper
106 100
91 205.0 158.6 238.0





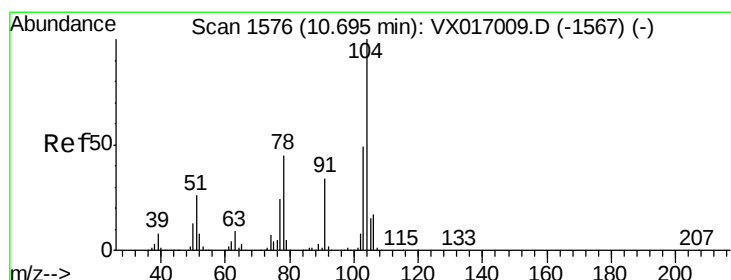
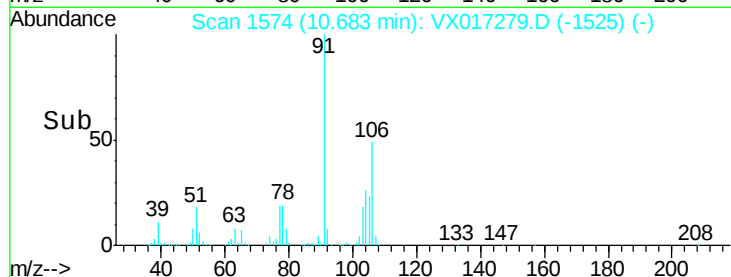
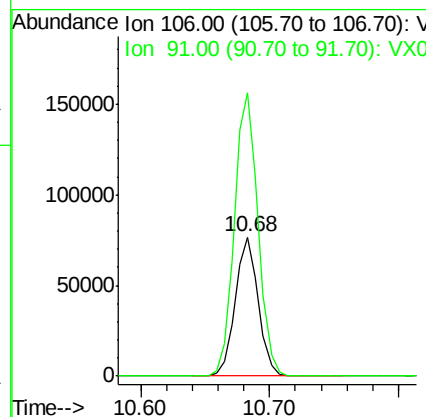
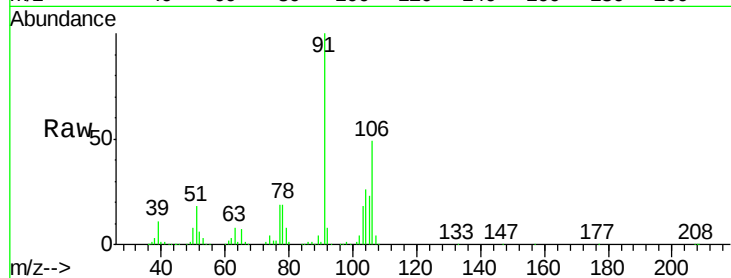
#69
o-Xylene
Concen: 18.745 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD03

Tot Ion:106 Resp: 96018
Ion Ratio Lower Upper
106 100
91 209.3 105.6 316.7

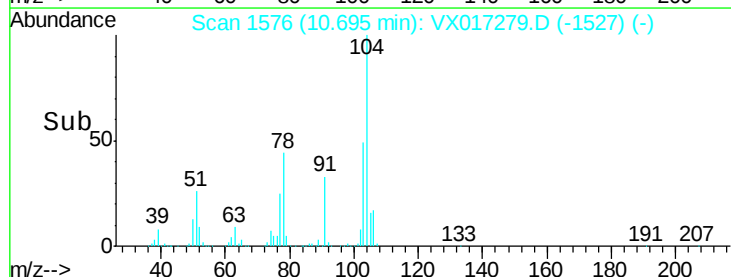
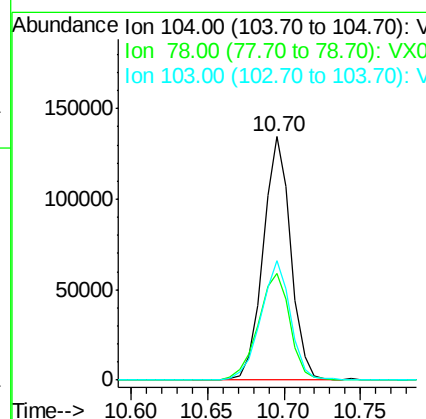
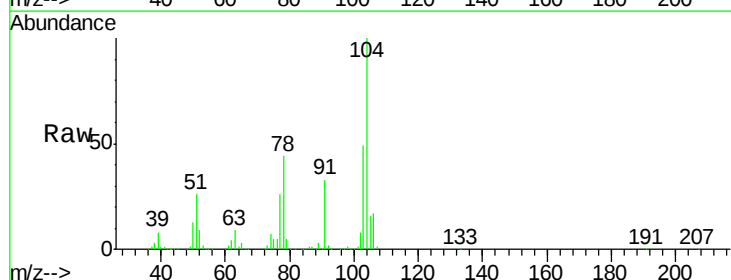
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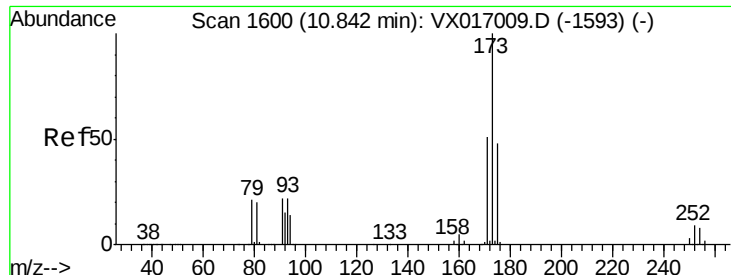
MMDadoda
7/9/2020 11:00:06 AM



#70
Styrene
Concen: 19.375 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion:104 Resp: 169002
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 53.1 43.0 64.6





#71

Bromoform

Concen: 21.697 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD03

Tot Ion:173 Resp: 55680

Ion Ratio Lower Upper

173 100

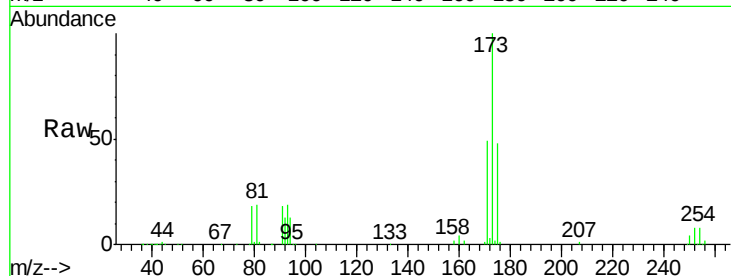
175 47.6 24.5 73.5

254 0.1 0.1 0.1#

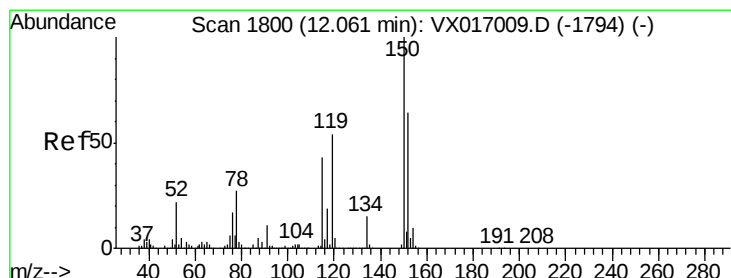
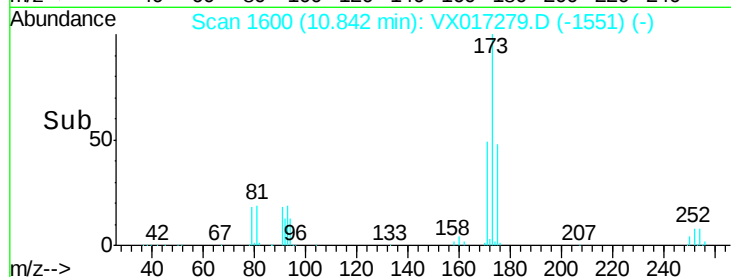
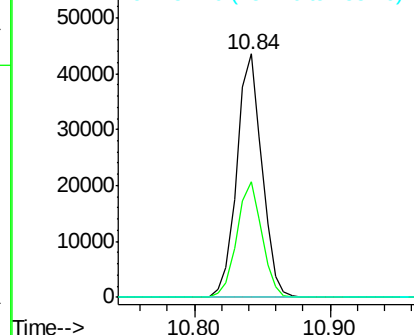
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

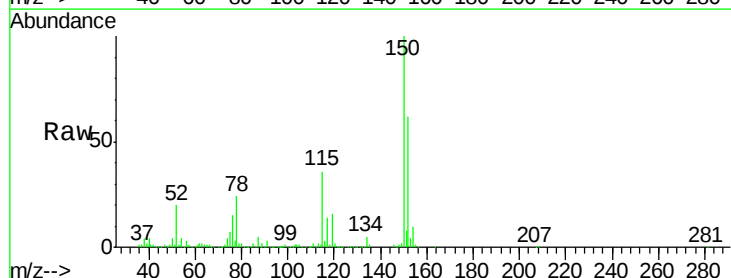
Tgt Ion:152 Resp: 221213

Ion Ratio Lower Upper

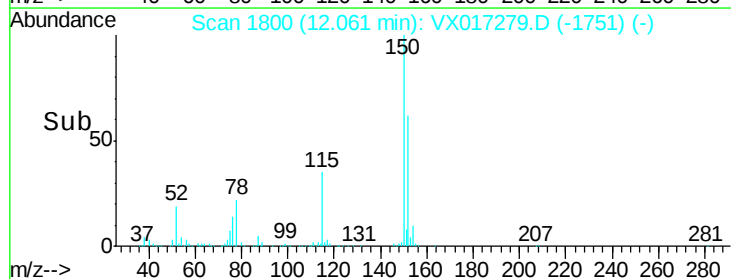
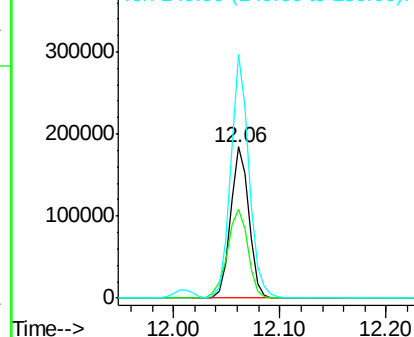
152 100

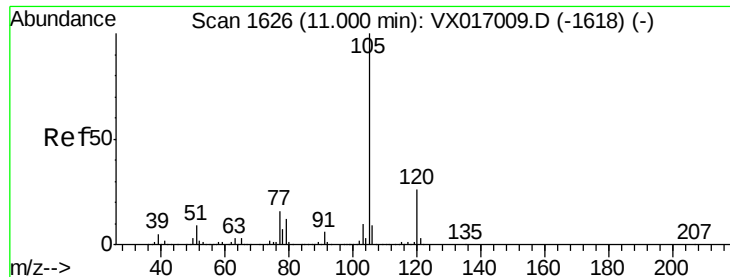
115 65.9 40.9 122.7

150 160.3 0.0 351.6



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





#73

Isopropylbenzene

Concen: 18.423 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD03

Tot Ion:105 Resp: 266938

Ion Ratio Lower Upper

105 100

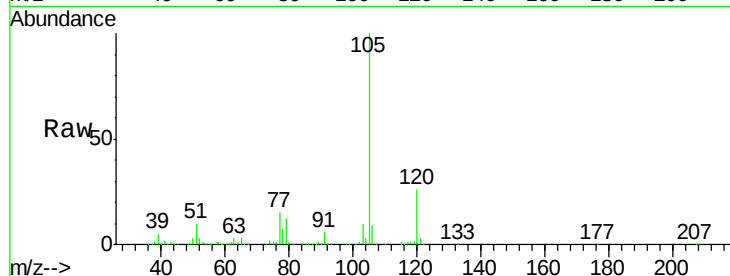
120 26.5 13.4 40.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

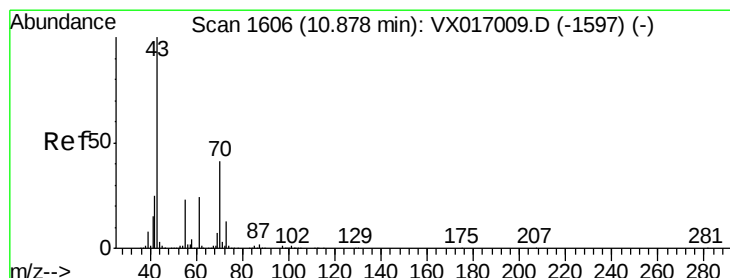
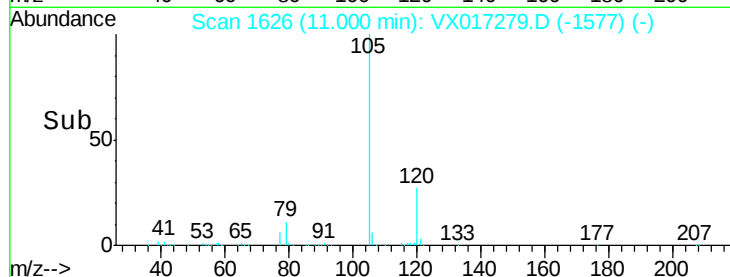
100000

50000

0

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 17.766 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Tgt Ion: 43 Resp: 109842

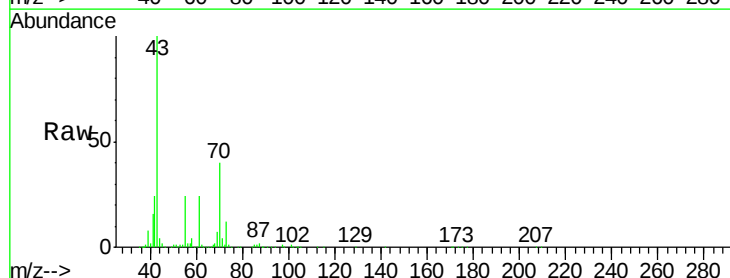
Ion Ratio Lower Upper

43 100

70 43.0 34.2 51.2

55 25.9 19.2 28.8

61 24.3 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

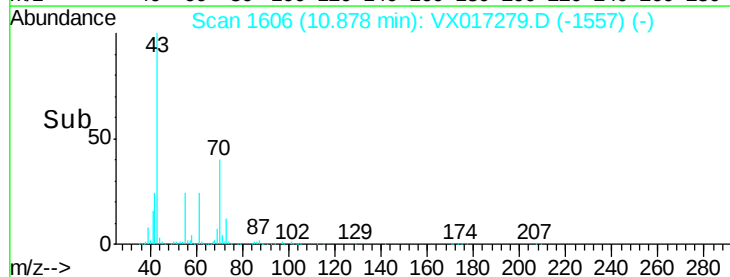
100000

50000

0

10.80 10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.570 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

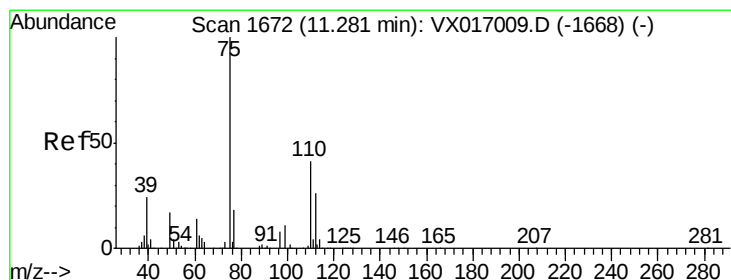
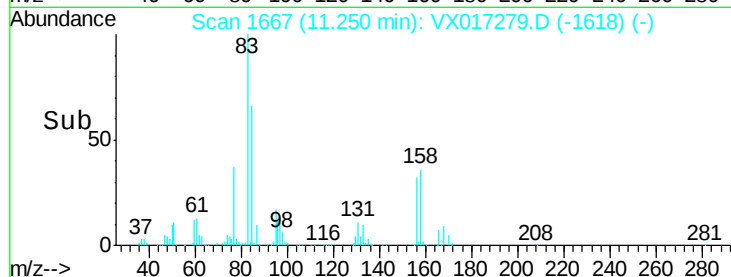
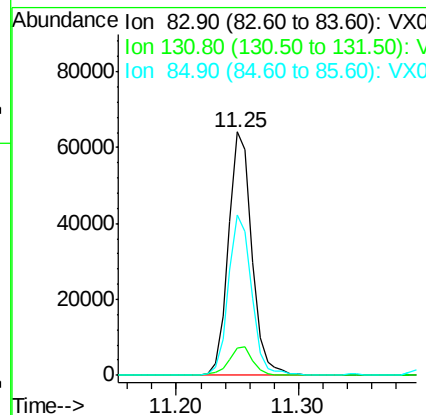
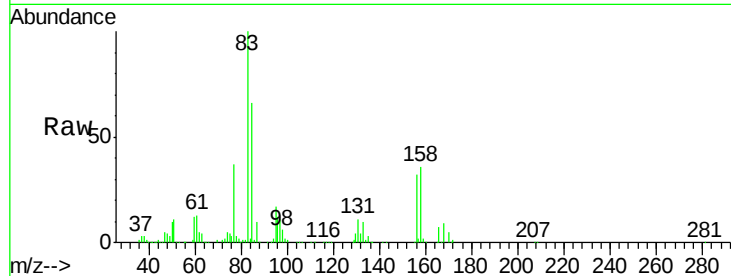
ClientSampleId :

VX0708WBSD03

Tot Ion:	83	Resp:	84641
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.4	16.2
85	65.5	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.975 ug/l m

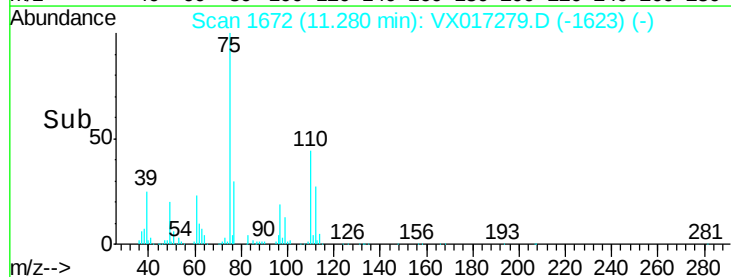
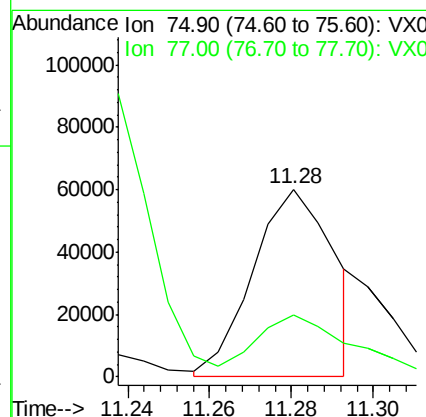
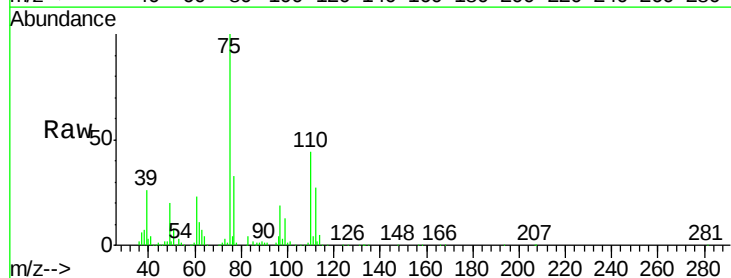
RT: 11.28 min Scan# 1672

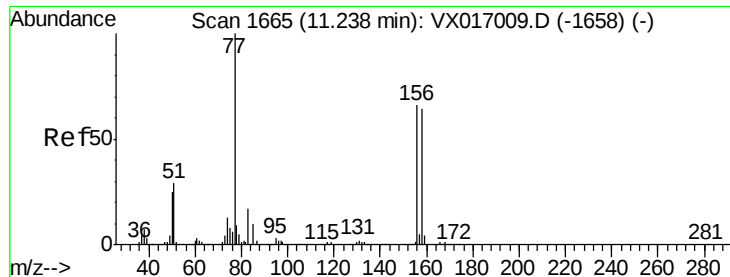
Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Tgt Ion:	75	Resp:	82542
Ion Ratio	Lower	Upper	
75	100		
77	39.1	20.2	60.6





#77

Bromobenzene

Concen: 18.617 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

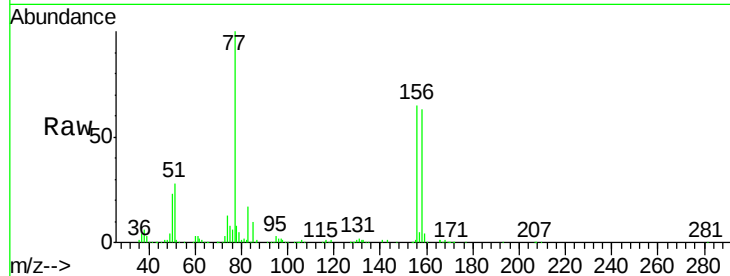
ClientSampleId :

VX0708WBSD03

Tot Ion:	156	Resp:	74140
Ion	Ratio	Lower	Upper
156	100		
77	150.8	76.9	230.7
158	98.1	47.9	143.6

Manual Integrations
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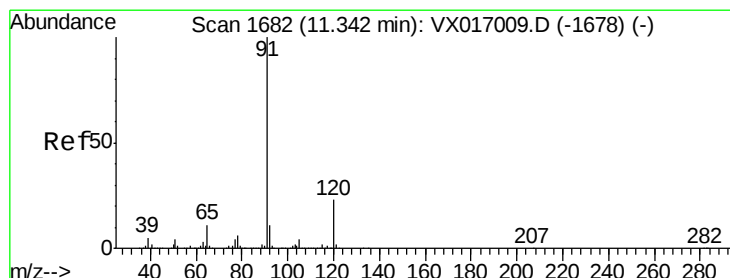
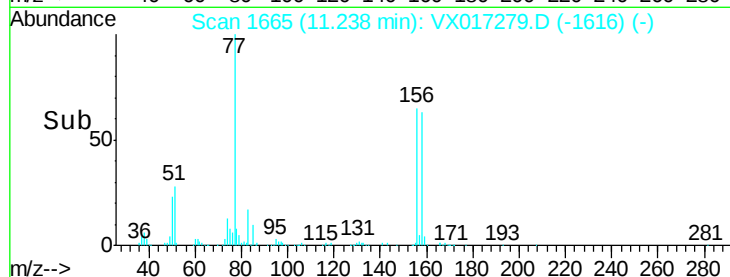
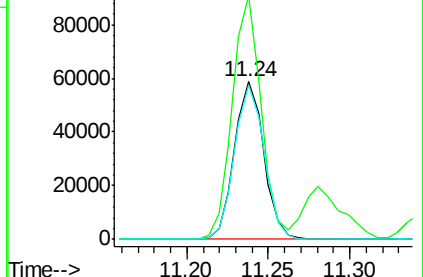
MMDadoda
7/9/2020 11:00:06 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.176 ug/l

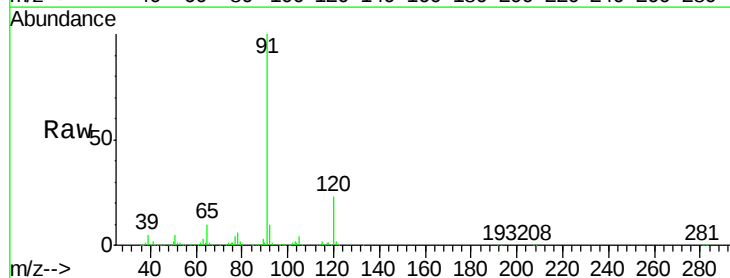
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017279.D

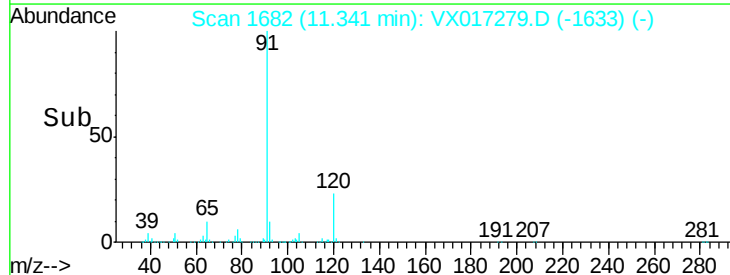
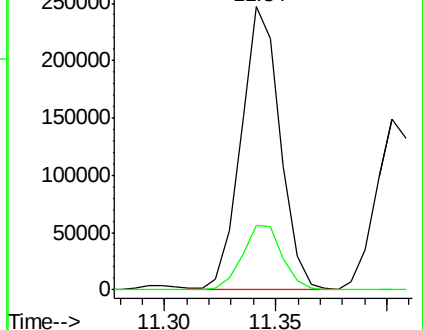
Acq: 09 Jul 2020 00:33

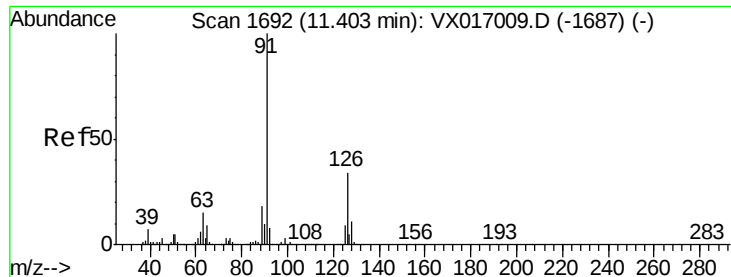
Tgt Ion:	91	Resp:	297816
Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





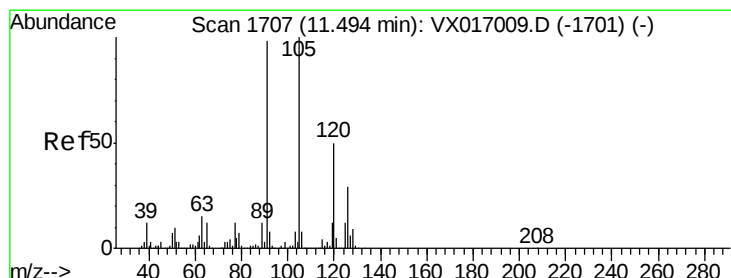
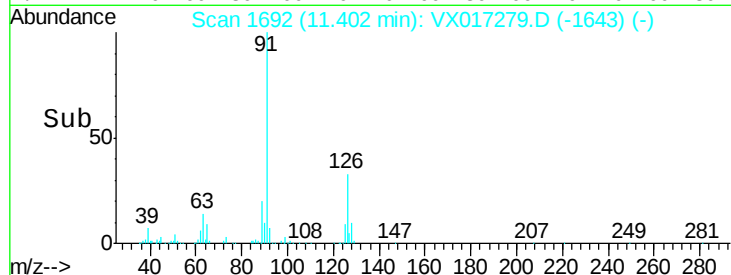
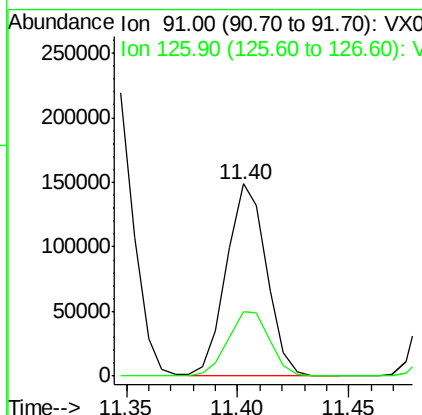
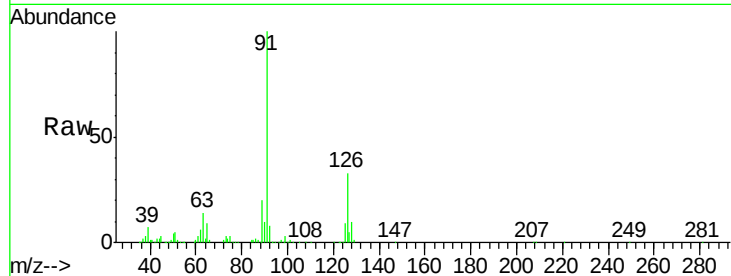
#79
 2-Chlorotoluene
 Concen: 18.728 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017279.D
 Acq: 09 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampled :
 VX0708WBSD03

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.4	52.3

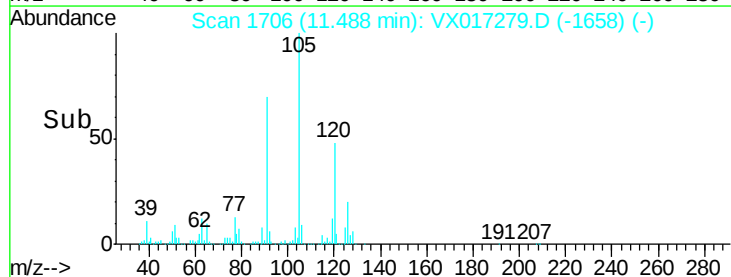
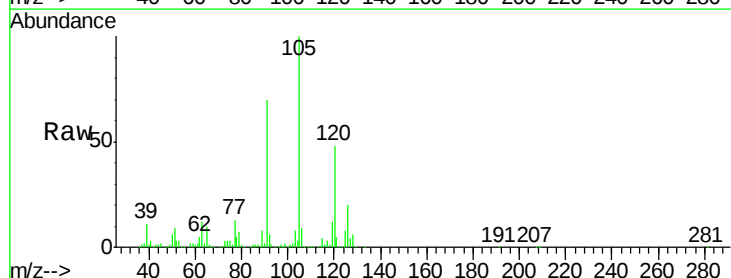
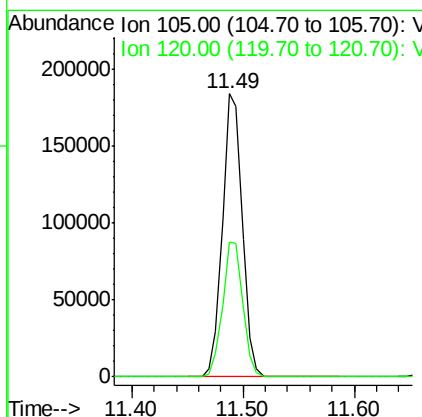
Manual Integrations
 APPROVED

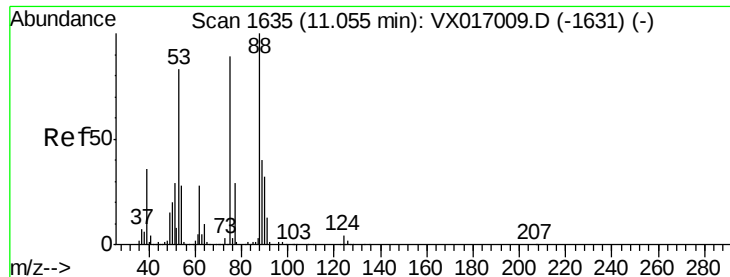
MMDadoda
 7/9/2020 11:00:06 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 18.879 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017279.D
 Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.877 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD03

Tot Ion: 75 Resp: 28349

Ion Ratio Lower Upper

75 100

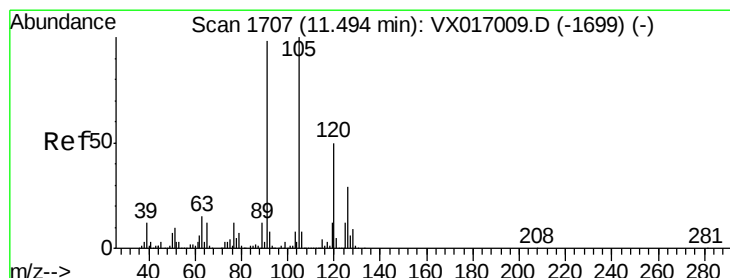
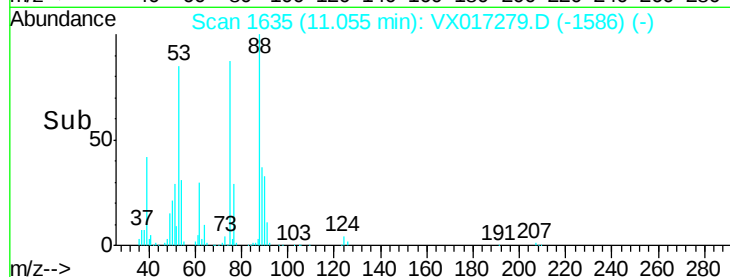
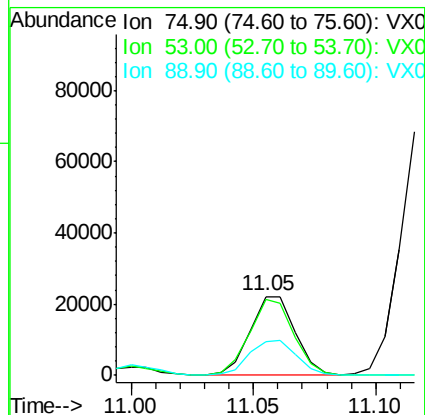
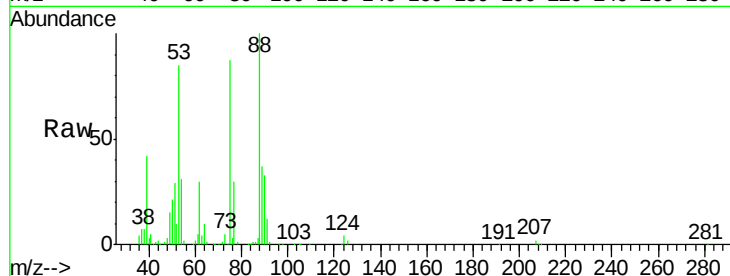
53 95.2 72.4 108.6

89 46.6 37.0 55.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.516 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017279.D

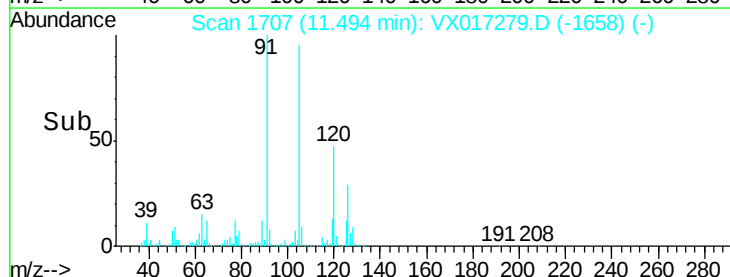
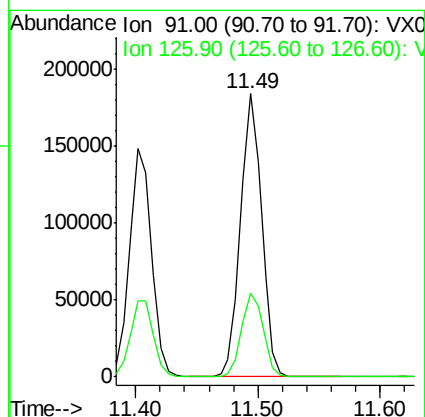
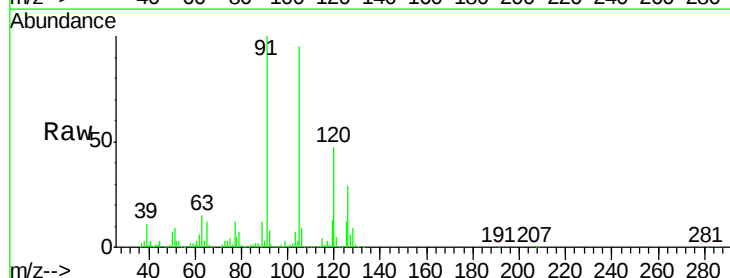
Acq: 09 Jul 2020 00:33

Tgt Ion: 91 Resp: 219504

Ion Ratio Lower Upper

91 100

126 30.4 15.2 45.5





#83

tert-Butylbenzene

Concen: 18.476 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

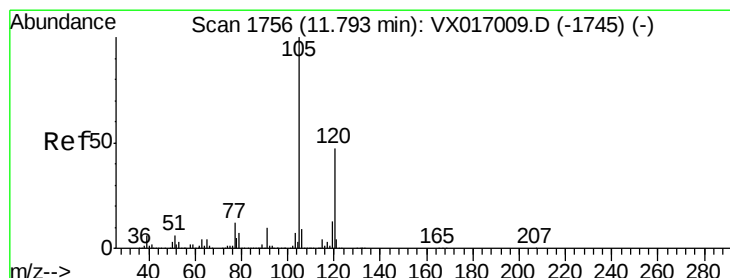
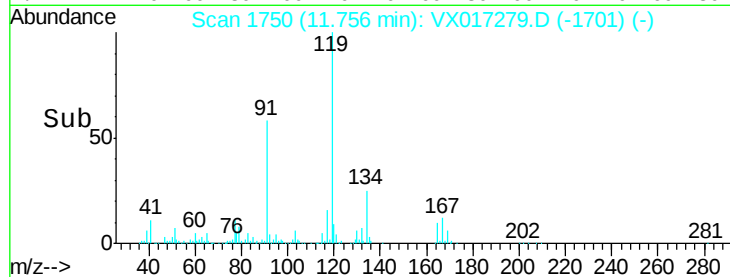
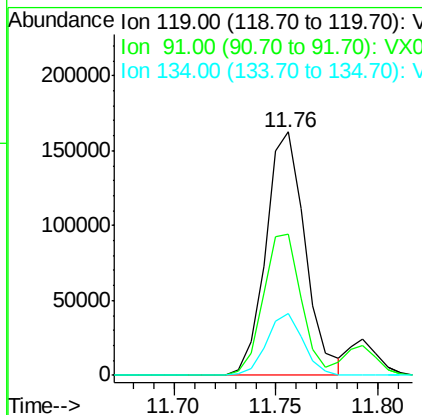
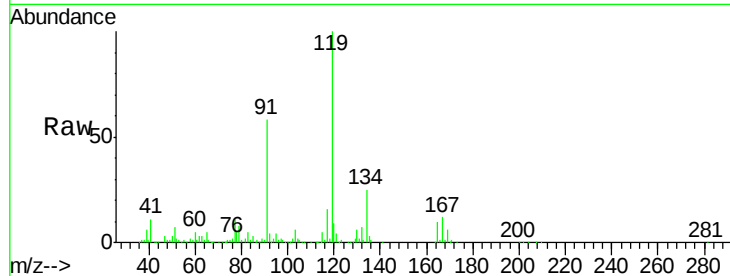
ClientSampleId :

VX0708WBSD03

Tot Ion:	119	Resp:	217989
Ion Ratio	Lower	Upper	
119	100		
91	56.3	28.3	84.9
134	23.6	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 18.783 ug/l

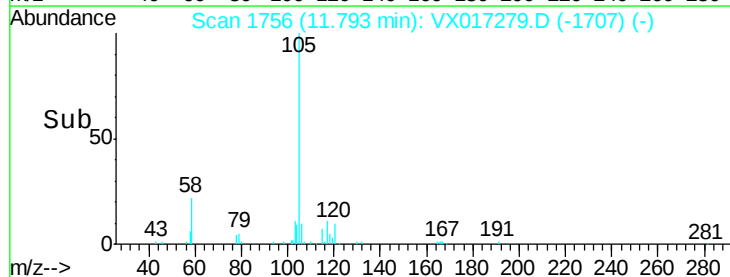
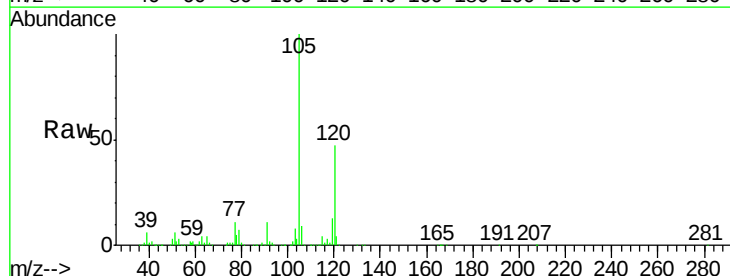
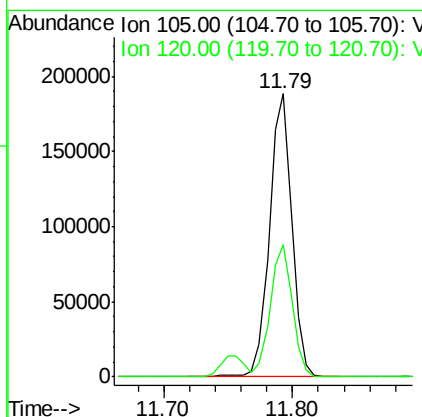
RT: 11.79 min Scan# 1756

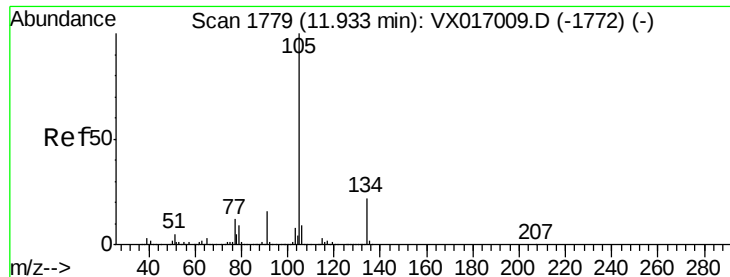
Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Tgt Ion:	105	Resp:	229029
Ion Ratio	Lower	Upper	
105	100		
120	45.9	22.9	68.5





#85

sec-Butylbenzene

Concen: 17.914 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD03

Tot Ion:105 Resp: 248443

Ion Ratio Lower Upper

105 100

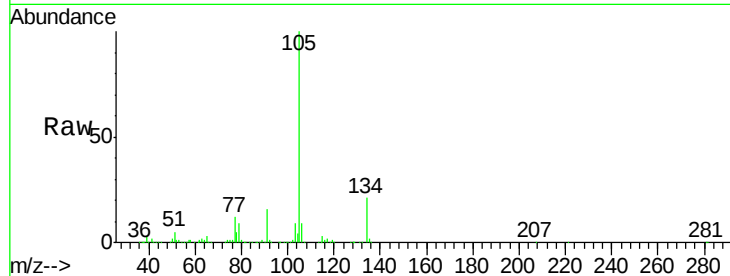
134 21.0 10.5 31.6

Manual Integrations

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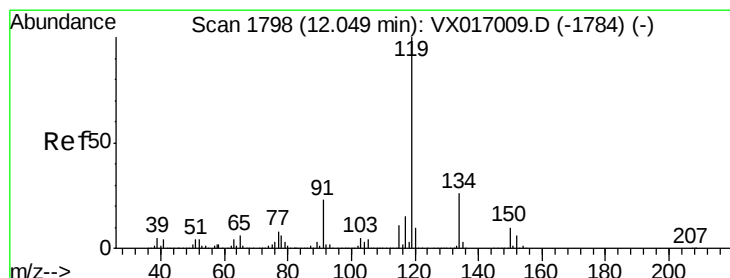
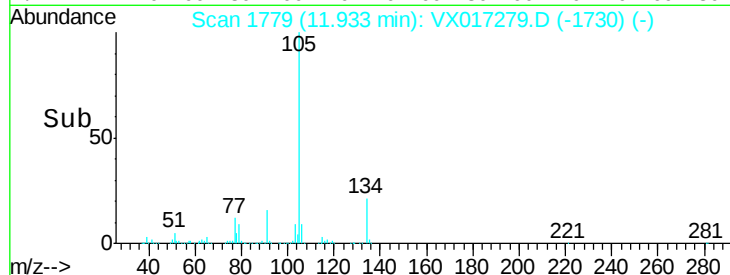
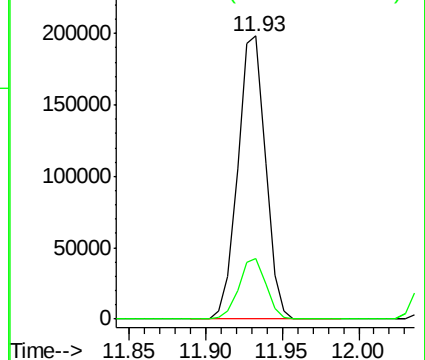
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.397 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017279.D

Acq: 09 Jul 2020 00:33

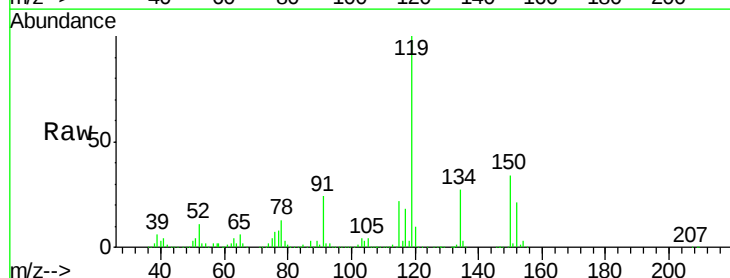
Tgt Ion:119 Resp: 237520

Ion Ratio Lower Upper

119 100

134 27.3 13.2 39.5

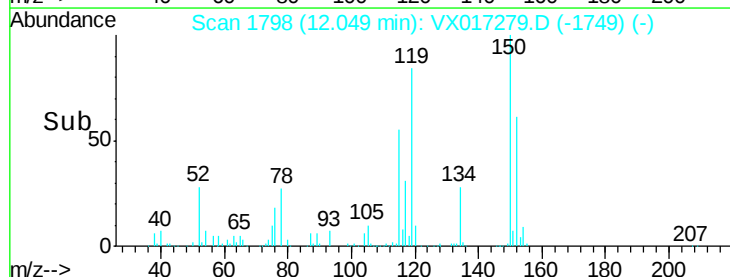
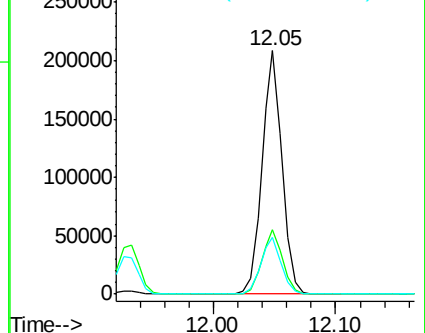
91 23.8 11.8 35.4

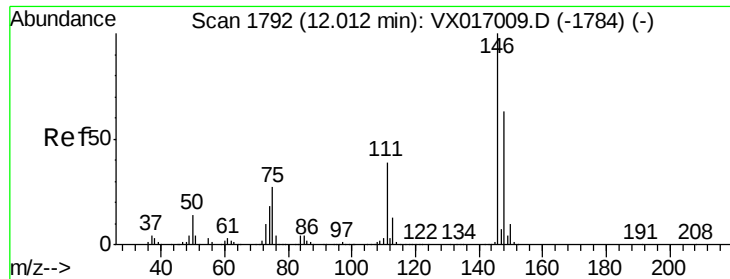


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





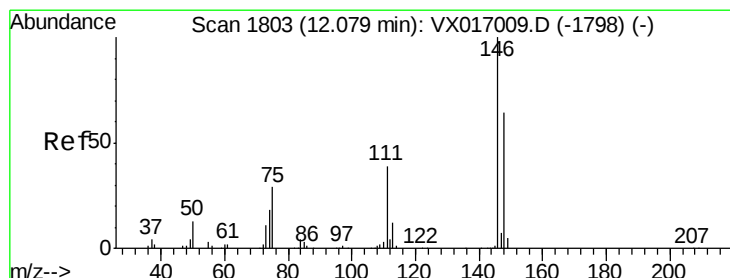
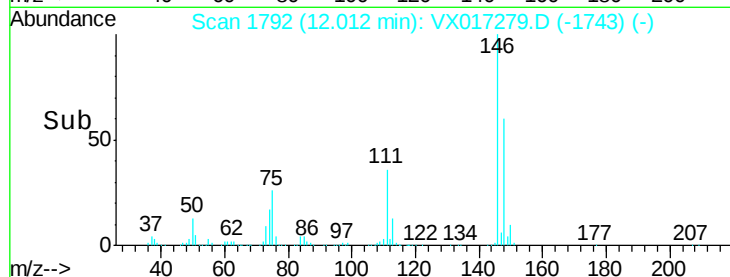
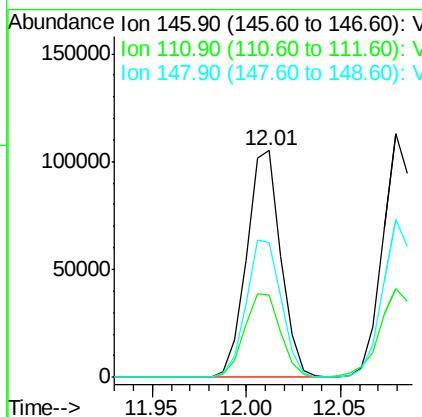
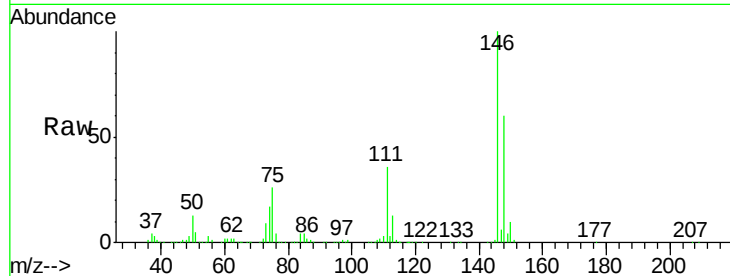
#87
 1,3-Dichlorobenzene
 Concen: 18.263 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017279.D
 Acq: 09 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.4	61.2
148	62.3	32.5	97.5

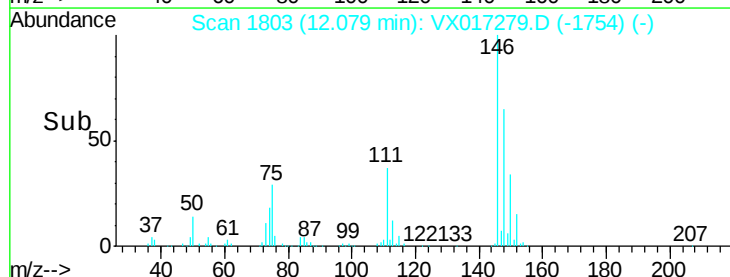
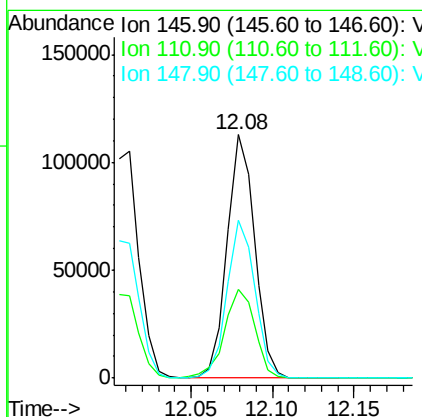
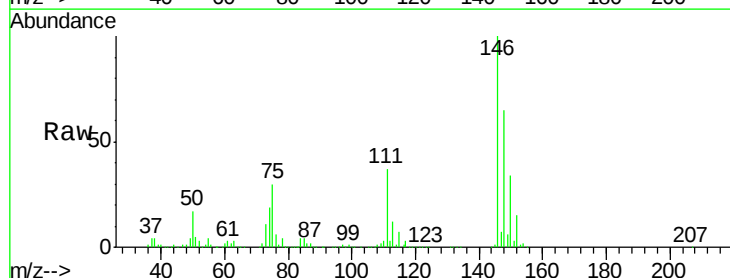
Manual Integrations
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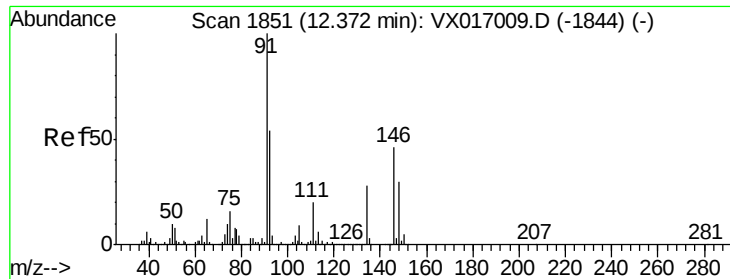
MMDadoda
 7/9/2020 11:00:06 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.364 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017279.D
 Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.5	58.5
148	65.5	31.9	95.7





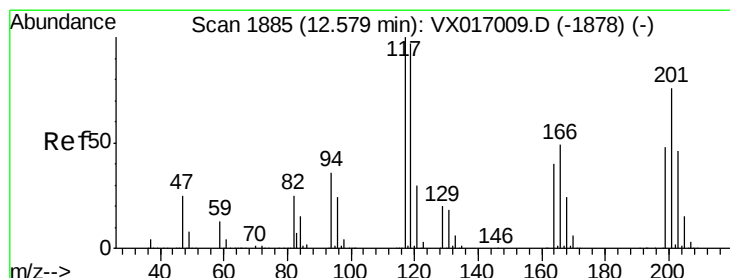
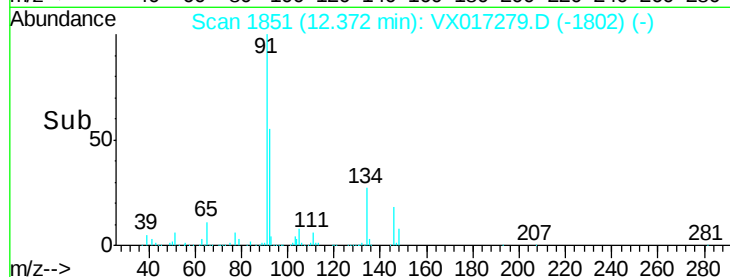
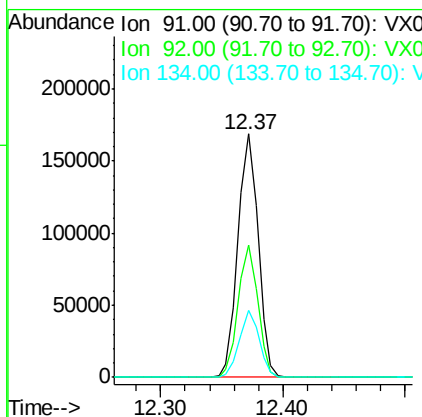
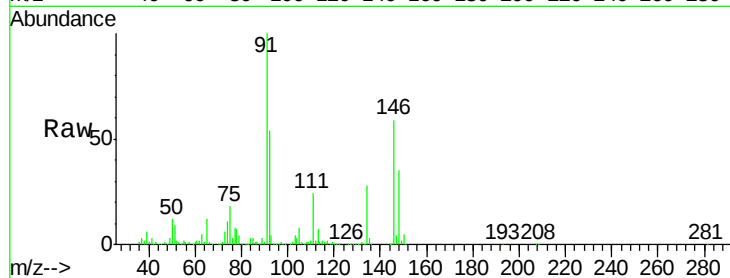
#89
n-Butylbenzene
Concen: 16.702 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampled :
VX0708WBSD03

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	27.2	81.6
134	27.0	13.6	40.7

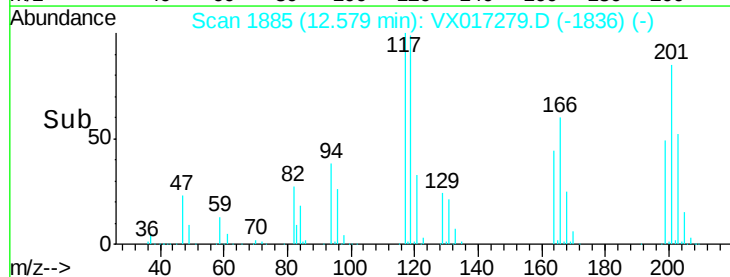
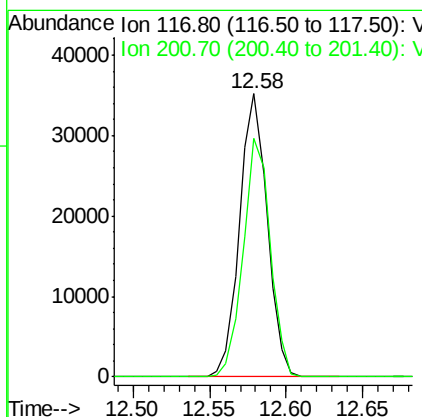
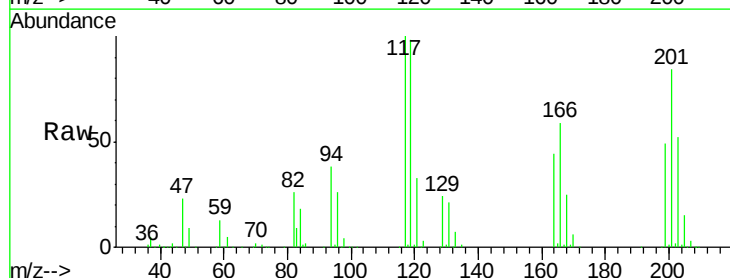
Manual Integrations
APPROVED

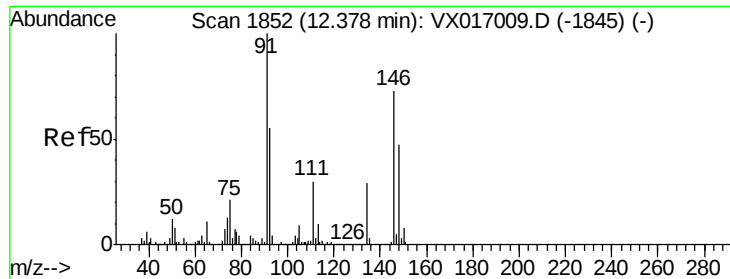
MMDadoda
7/9/2020 11:00:06 AM



#90
Hexachloroethane
Concen: 17.326 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.5	39.4	118.2





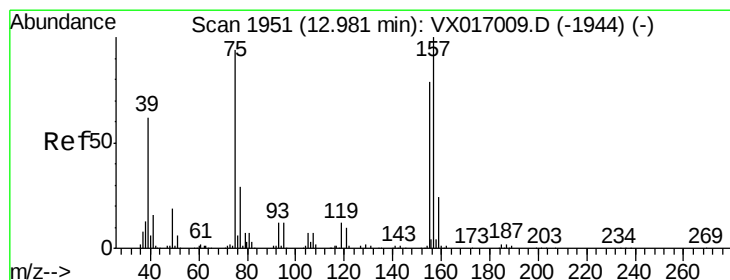
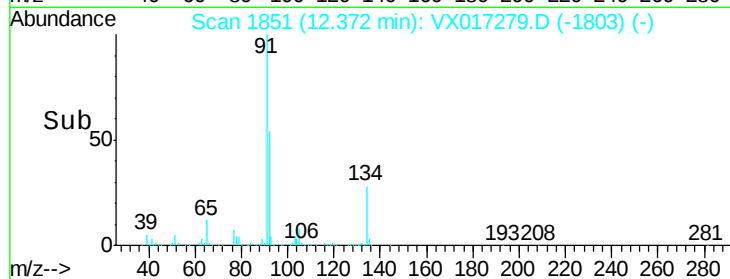
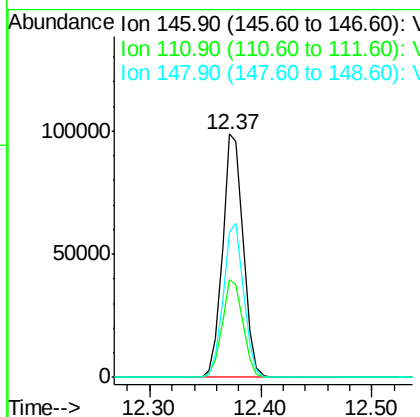
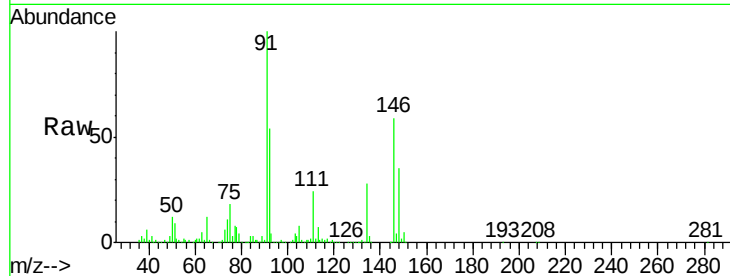
#91
 1,2-Dichlorobenzene
 Concen: 18.686 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX017279.D
 Acq: 09 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampled :
 VX0708WBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.6	61.9
148	62.6	32.4	97.2

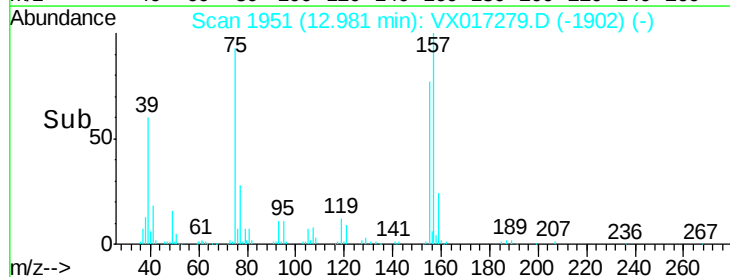
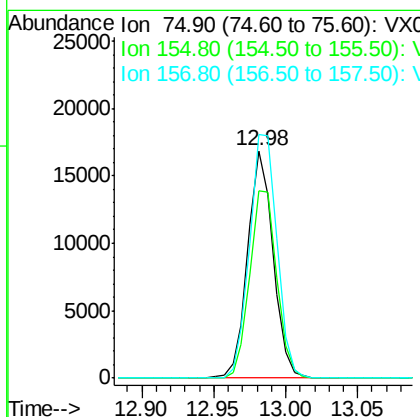
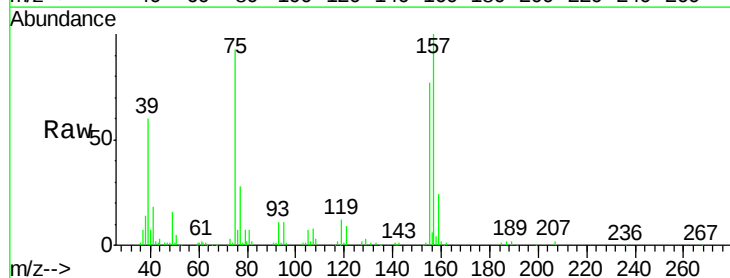
Manual Integrations
 APPROVED

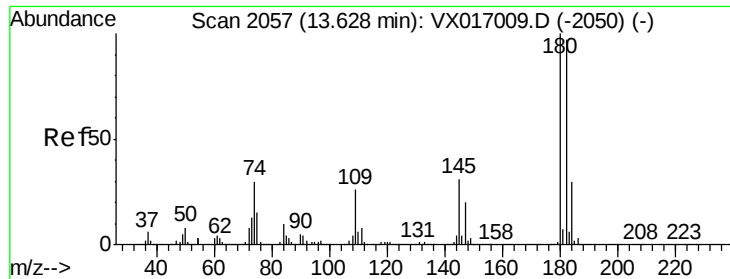
MMDadoda
 7/9/2020 11:00:06 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.845 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017279.D
 Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	45.1	135.2
157	115.4	56.5	169.3





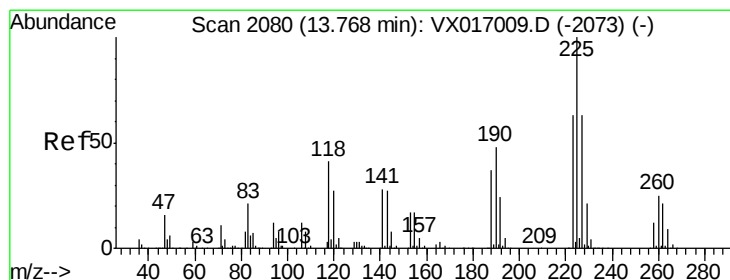
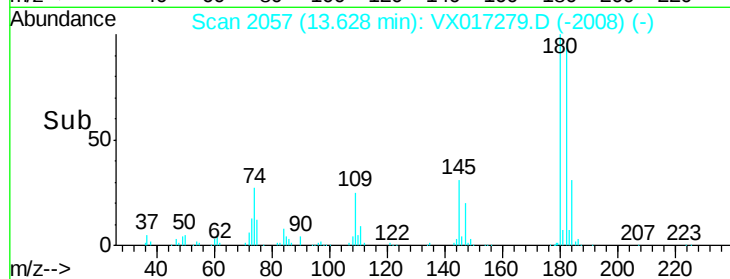
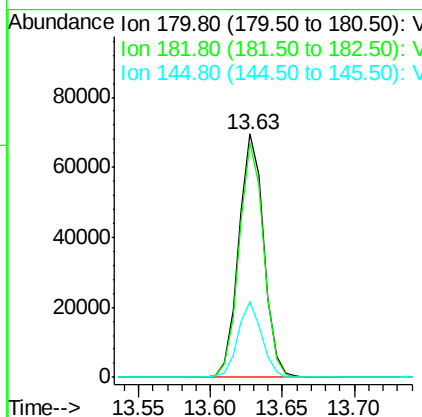
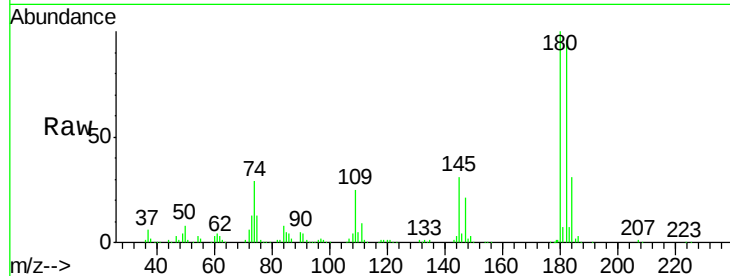
#93
 1,2,4-Trichlorobenzene
 Concen: 18.193 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017279.D
 Acq: 09 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD03

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	141.9
145	29.7	15.4	46.2

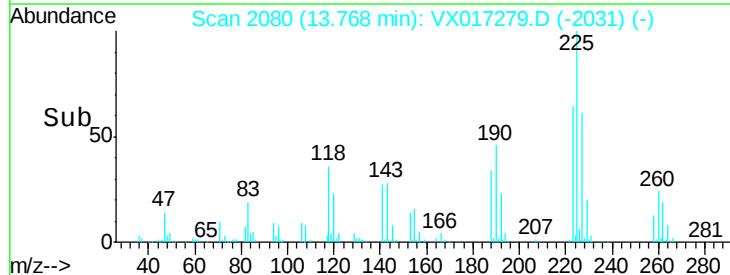
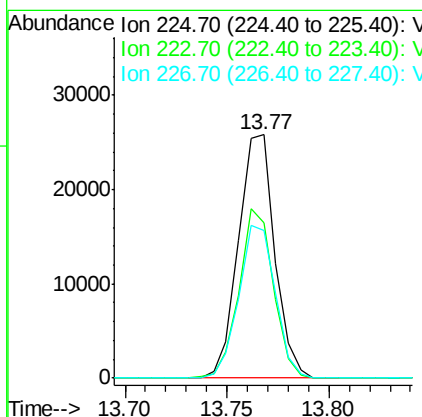
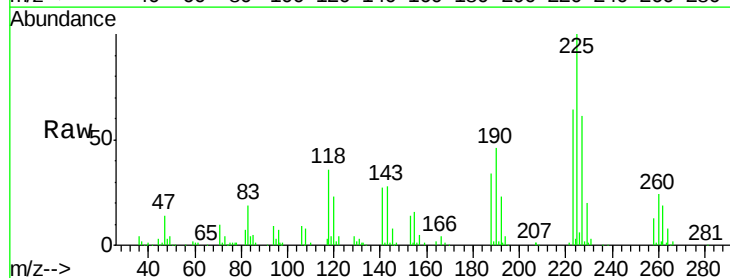
Manual Integrations
 APPROVED

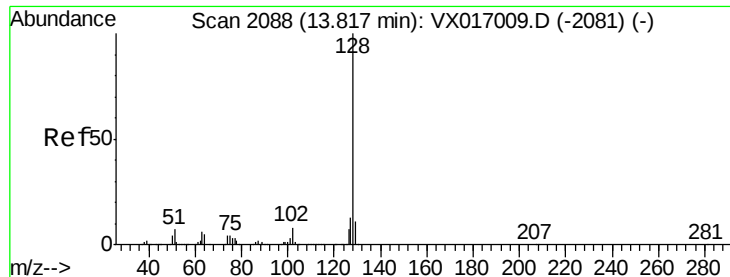
MMDadoda
 7/9/2020 11:00:06 AM



#94
 Hexachlorobutadiene
 Concen: 18.772 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017279.D
 Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	32.5	97.5
227	62.9	33.1	99.2





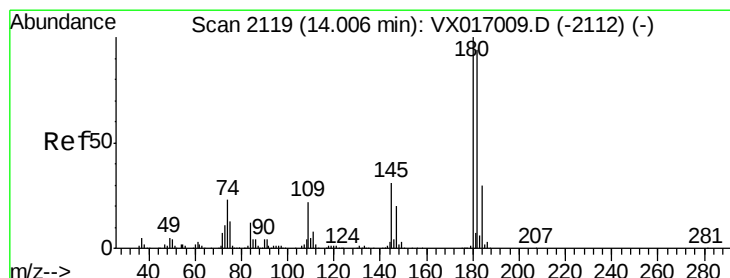
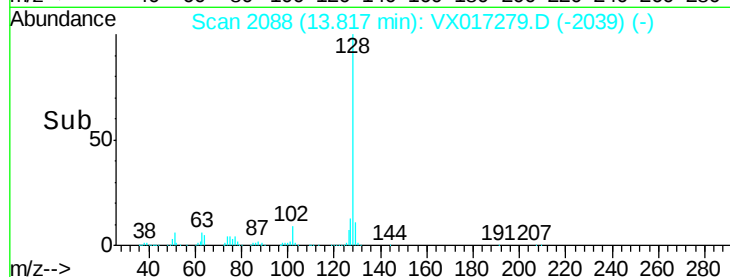
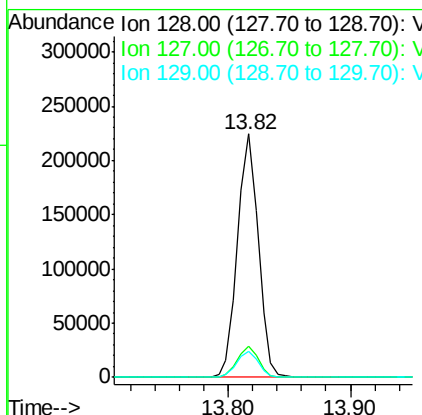
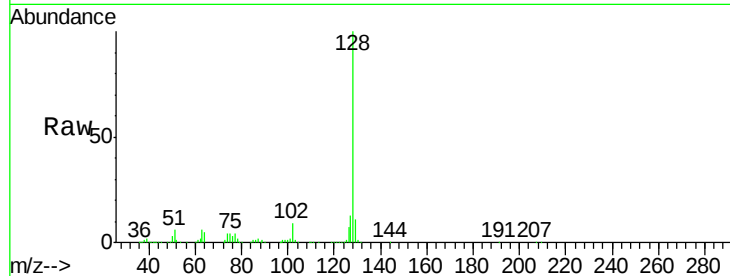
#95
Naphthalene
Concen: 18.771 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD03

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/9/2020 11:00:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.671 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017279.D
Acq: 09 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.1	141.4
145	32.3	16.6	49.7

