

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082020\
 Data File : VX018026.D
 Acq On : 20 Aug 2020 11:45
 Operator : JC/SP
 Sample : VX0820WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 10:50:58 AM

Quant Time: Aug 21 01:29:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	504192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	796557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	740411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	390962	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	339267	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
35) Dibromofluoromethane	5.47	113	271909	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
50) Toluene-d8	8.70	98	950587	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
62) 4-Bromofluorobenzene	11.12	95	374805	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	136111	18.501	ug/l	97
3) Chloromethane	1.31	50	116994	16.968	ug/l	100
4) Vinyl Chloride	1.39	62	117349	17.955	ug/l	96
5) Bromomethane	1.63	94	77960	20.204	ug/l	98
6) Chloroethane	1.72	64	67823	17.936	ug/l	100
7) Trichlorofluoromethane	1.92	101	182037	17.241	ug/l	94
8) Diethyl Ether	2.17	74	52289	16.993	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80548	16.221	ug/l	99
10) Methyl Iodide	2.50	142	74708	11.667	ug/l	98
11) Tert butyl alcohol	3.01	59	120047	84.124	ug/l	99
12) 1,1-Dichloroethene	2.36	96	73596	16.194	ug/l	91
13) Acrolein	2.28	56	75434	100.069	ug/l	94
14) Allyl chloride	2.71	41	149953	18.501	ug/l	99
15) Acrylonitrile	3.12	53	286322	91.874	ug/l	99
16) Acetone	2.42	43	265126	91.180	ug/l	98
17) Carbon Disulfide	2.55	76	189489	17.185	ug/l	100
18) Methyl Acetate	2.75	43	138853	18.977	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	323383	18.612	ug/l	99
20) Methylene Chloride	2.84	84	97343	18.170	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	81798	17.508	ug/l	96
22) Diisopropyl ether	3.82	45	327338	19.265	ug/l	90
23) Vinyl Acetate	3.79	43	1187411	91.449	ug/l	99
24) 1,1-Dichloroethane	3.67	63	171154	18.171	ug/l	97
25) 2-Butanone	4.64	43	402193	91.364	ug/l	98
26) 2,2-Dichloropropane	4.56	77	150766	17.578	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	103108	18.709	ug/l	98
28) Bromochloromethane	4.98	49	89884	18.466	ug/l	97
29) Tetrahydrofuran	5.09	42	255700	93.527	ug/l	99
30) Chloroform	5.18	83	185754	18.043	ug/l	100
31) Cyclohexane	5.55	56	143989	18.852	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	163371	17.493	ug/l	99
36) 1,1-Dichloropropene	5.77	75	118463	17.768	ug/l	99
37) Ethyl Acetate	4.80	43	137842	17.280	ug/l	99
38) Carbon Tetrachloride	5.76	117	145598	16.873	ug/l	97

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	132237	16.047	ug/l	96
40) Benzene	6.12	78	358330	17.844	ug/l	97
41) Methacrylonitrile	5.00	41	83030	18.160	ug/l	98
42) 1,2-Dichloroethane	6.17	62	148720	17.435	ug/l	99
43) Isopropyl Acetate	6.41	43	233049	18.097	ug/l	99
44) Trichloroethene	7.19	130	102639	17.236	ug/l	91
45) 1,2-Dichloropropane	7.49	63	100349	17.441	ug/l	95
46) Dibromomethane	7.64	93	70122	17.463	ug/l	97
47) Bromodichloromethane	7.88	83	151581	17.388	ug/l	93
48) Methyl methacrylate	7.74	41	116239	18.208	ug/l	99
49) 1,4-Dioxane	7.71	88	40228	307.799	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	798377	92.081	ug/l	99
52) Toluene	8.77	92	227358	17.305	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	160383	17.395	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	168847	17.564	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	104162	17.258	ug/l	96
56) Ethyl methacrylate	9.16	69	154636	18.121	ug/l	98
57) 1,3-Dichloropropane	9.35	76	172037	17.947	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	338098	81.815	ug/l	99
59) 2-Hexanone	9.47	43	593428	90.326	ug/l	99
60) Dibromochloromethane	9.57	129	124781	16.553	ug/l	99
61) 1,2-Dibromoethane	9.65	107	110662	16.553	ug/l	97
64) Tetrachloroethene	9.32	164	98742	17.463	ug/l	94
65) Chlorobenzene	10.12	112	263271	17.913	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	113130	18.197	ug/l	96
67) Ethyl Benzene	10.23	91	448113	18.495	ug/l	98
68) m/p-Xylenes	10.34	106	338545	36.295	ug/l	96
69) o-Xylene	10.68	106	164537	18.293	ug/l	99
70) Styrene	10.70	104	292592	18.855	ug/l	99
71) Bromoform	10.84	173	98798	17.705	ug/l #	98
73) Isopropylbenzene	11.00	105	446838	17.757	ug/l	99
74) N-amyl acetate	10.88	43	211567	18.902	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	163453	18.620	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	153812m	18.500	ug/l	
77) Bromobenzene	11.24	156	124971	17.900	ug/l	99
78) n-propylbenzene	11.34	91	510296	17.338	ug/l	99
79) 2-Chlorotoluene	11.40	91	320900	17.890	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	385659	17.459	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	55565	17.557	ug/l	94
82) 4-Chlorotoluene	11.49	91	378727	17.955	ug/l	99
83) tert-Butylbenzene	11.76	119	377875	18.115	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	399605	17.475	ug/l	99
85) sec-Butylbenzene	11.93	105	421064	16.721	ug/l	99
86) p-Isopropyltoluene	12.05	119	385630	16.463	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	224779	17.689	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	222420	17.866	ug/l	95
89) n-Butylbenzene	12.37	91	336114	17.337	ug/l	98
90) Hexachloroethane	12.58	117	73066	15.684	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	219361	18.700	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	42481	18.997	ug/l	97

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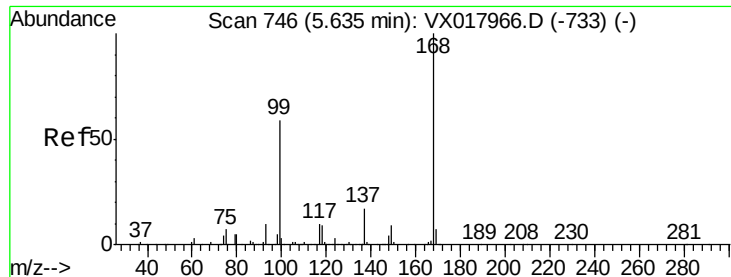
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	141097	18.284	ug/l	96
94) Hexachlorobutadiene	13.77	225	48238	14.647	ug/l	96
95) Naphthalene	13.82	128	497747	20.433	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	140025	17.844	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

Tot Ion:168 Resp: 504192

Ion Ratio Lower Upper

168 100

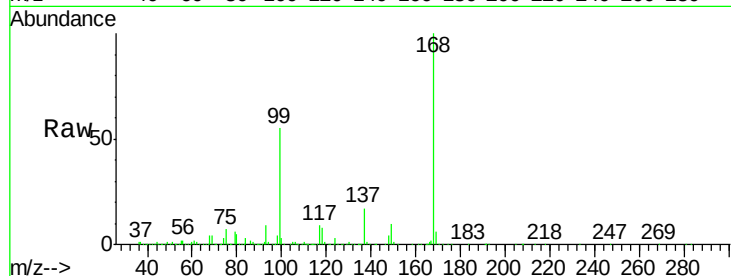
99 54.5 47.4 71.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

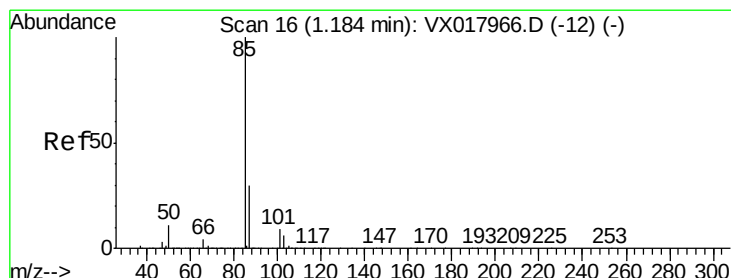
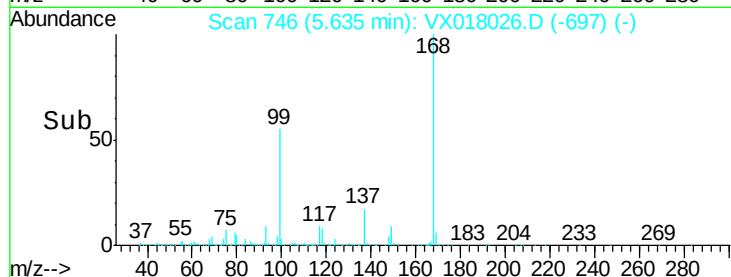
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.501 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018026.D

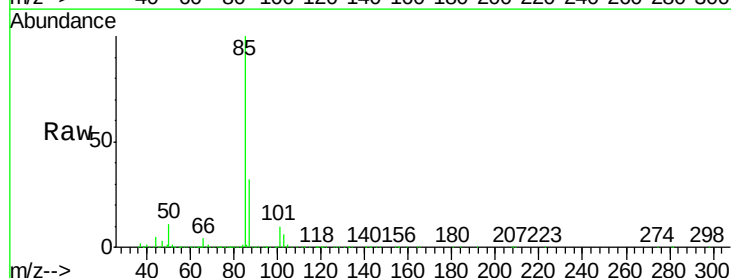
Acq: 20 Aug 2020 11:45

Tgt Ion: 85 Resp: 136111

Ion Ratio Lower Upper

85 100

87 32.0 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

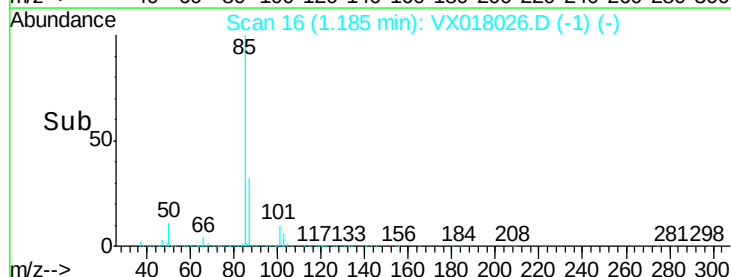
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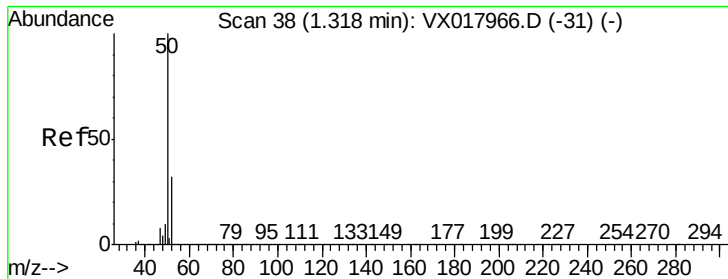
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 16.968 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

Tot Ion: 50 Resp: 116994

Ion Ratio Lower Upper

50 100

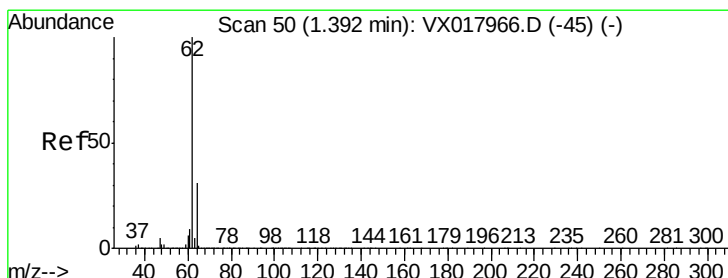
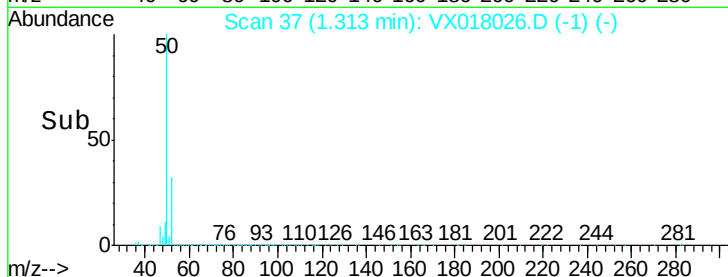
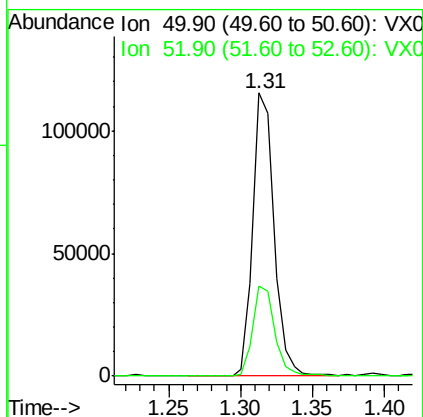
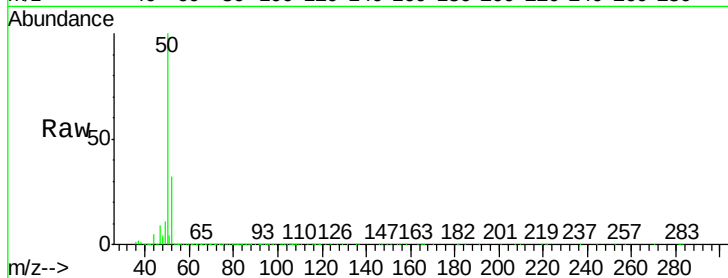
52 31.7 25.4 38.0

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#4

Vinyl Chloride

Concen: 17.955 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018026.D

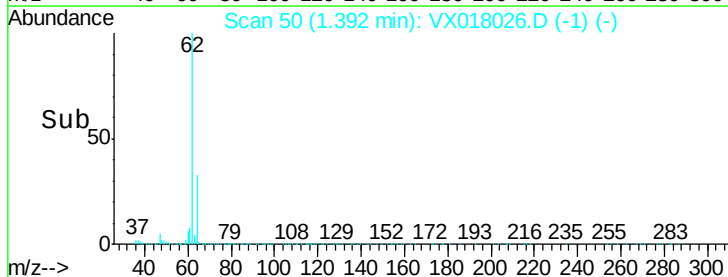
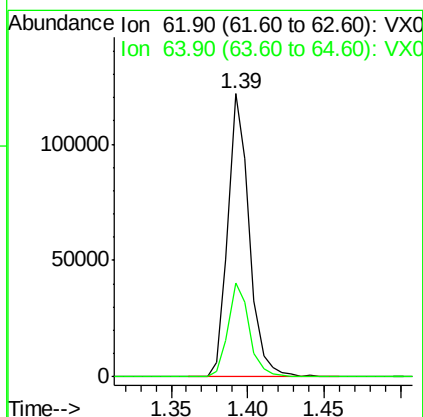
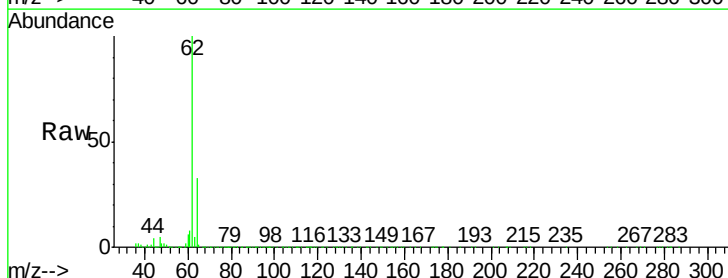
Acq: 20 Aug 2020 11:45

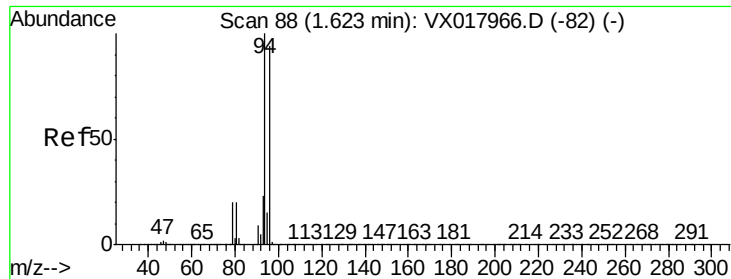
Tgt Ion: 62 Resp: 117349

Ion Ratio Lower Upper

62 100

64 33.2 24.7 37.1





#5

Bromomethane

Concen: 20.204 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

Tot Ion: 94 Resp: 77960

Ion Ratio Lower Upper

94 100

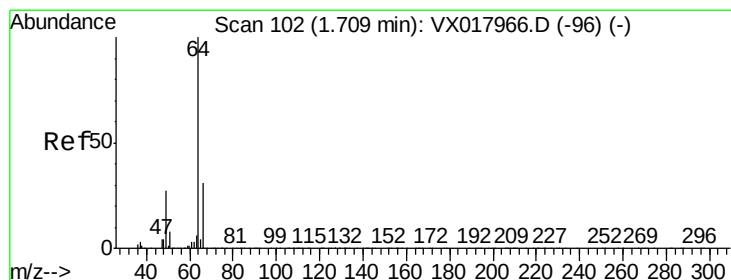
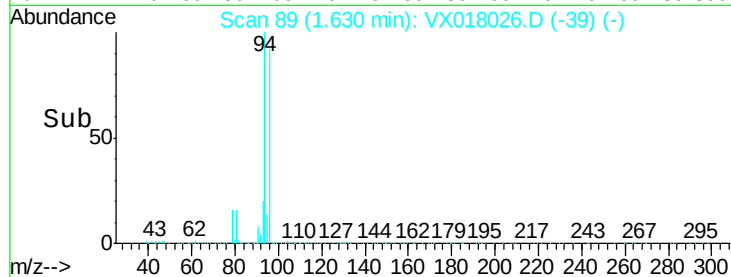
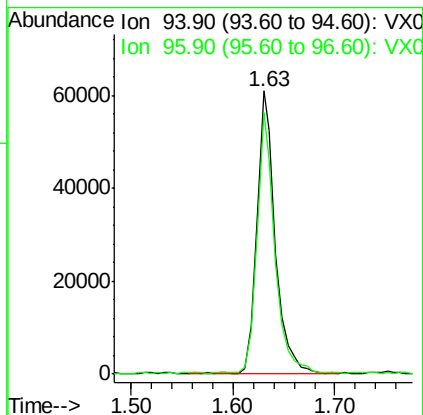
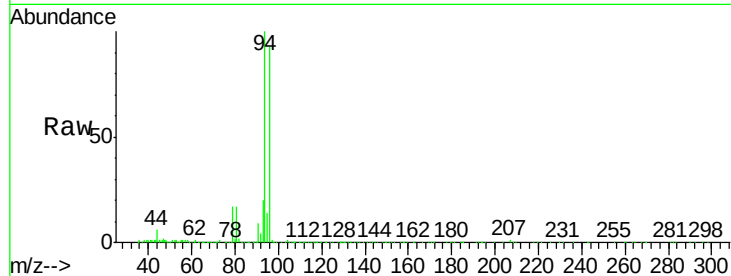
96 92.0 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 17.936 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018026.D

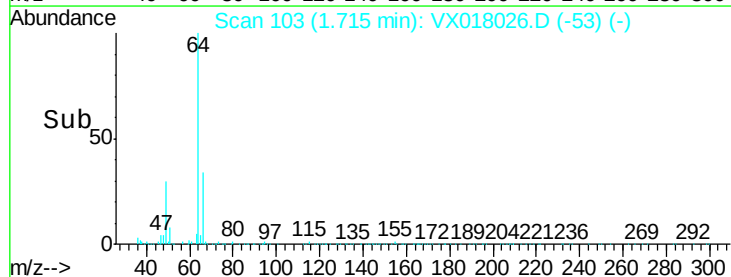
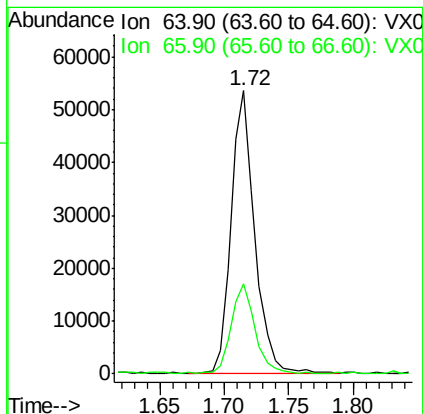
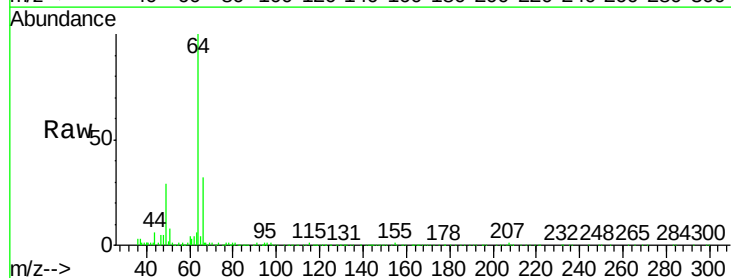
Acq: 20 Aug 2020 11:45

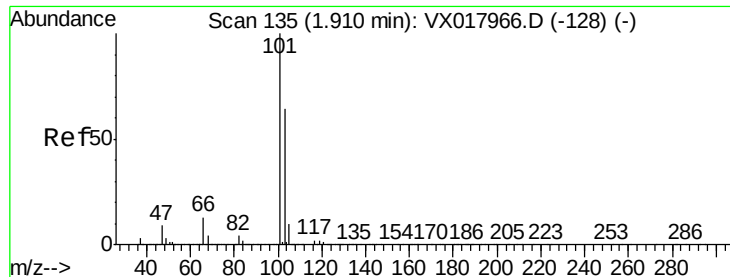
Tgt Ion: 64 Resp: 67823

Ion Ratio Lower Upper

64 100

66 31.5 25.0 37.4





#7

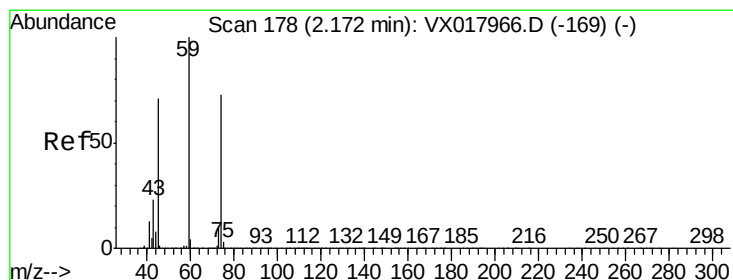
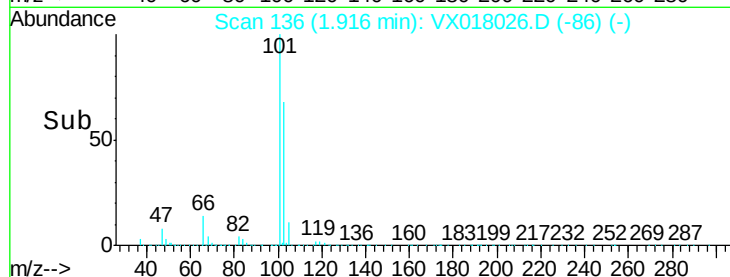
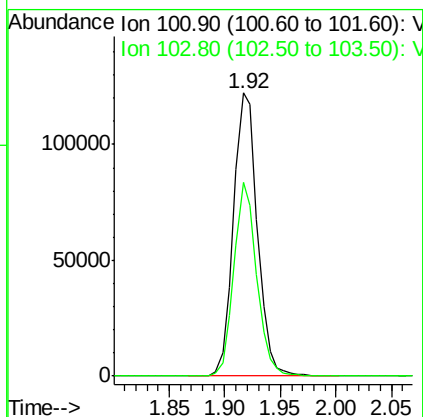
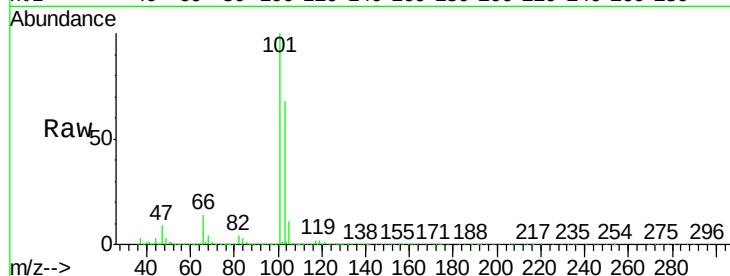
Trichlorofluoromethane
 Concen: 17.241 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Instrument :
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 ClientSampleId :
 VX0820WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	182037		
103	68.3	51.2	76.8	

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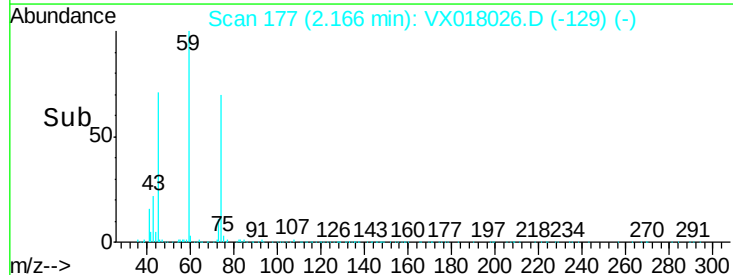
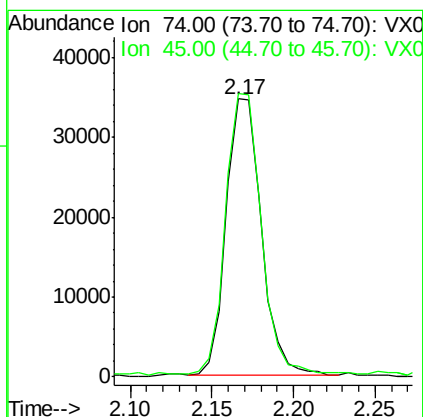
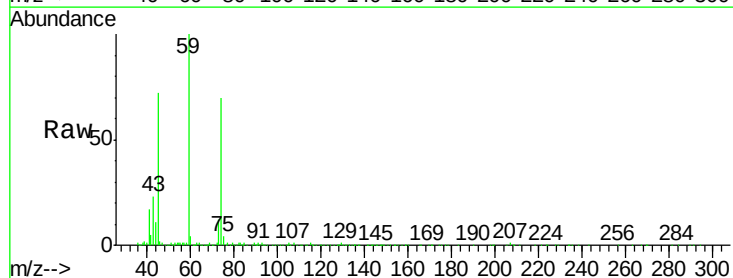
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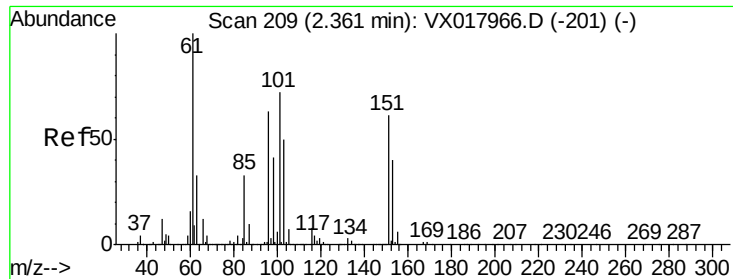


#8

Diethyl Ether
 Concen: 16.993 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	52289		
45	100.7	50.5	151.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.221 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

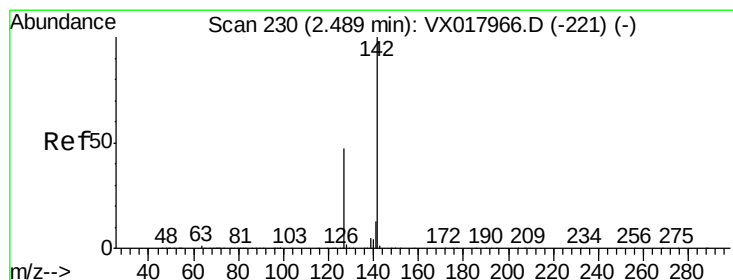
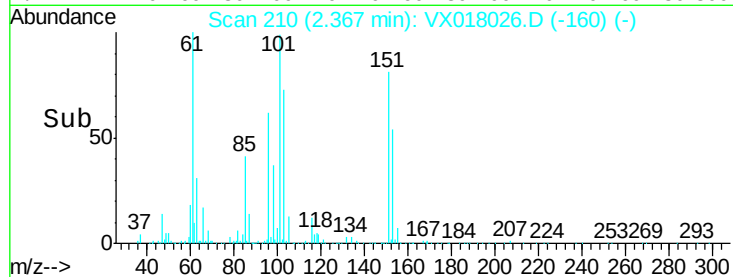
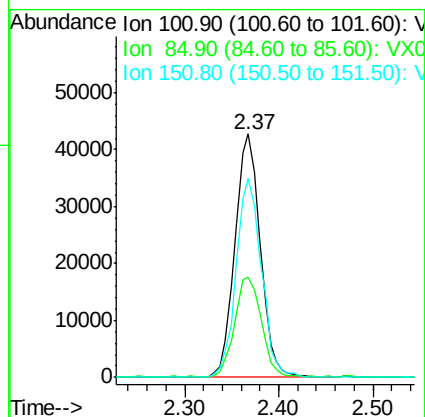
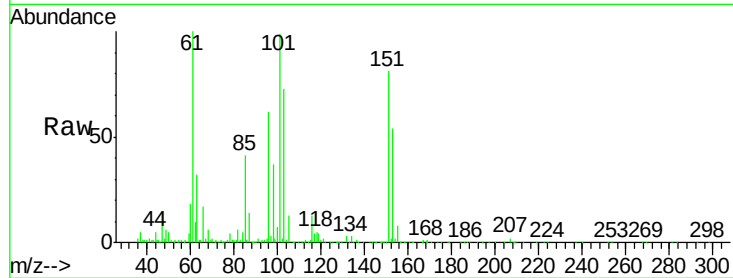
ClientSampled :

VX0820WBS01

Tot Ion:	101	Resp:	80548
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.4	53.2
151	81.5	65.4	98.0

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8/21/2020 10:50:58 AM



#10

Methyl Iodide

Concen: 11.667 ug/l

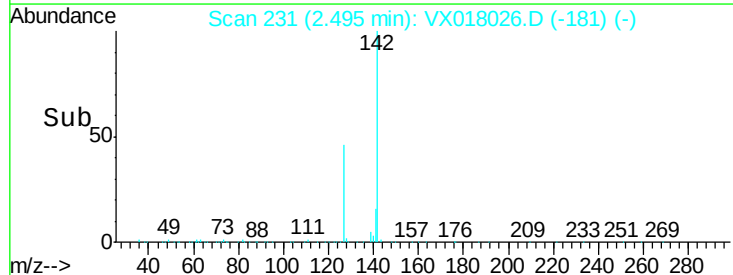
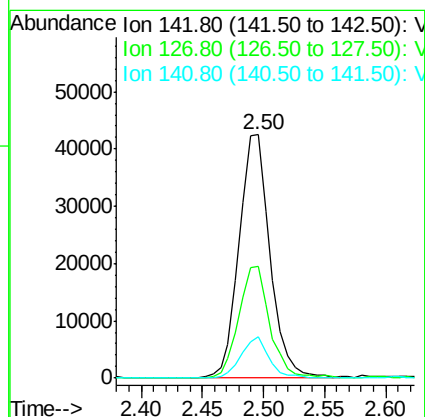
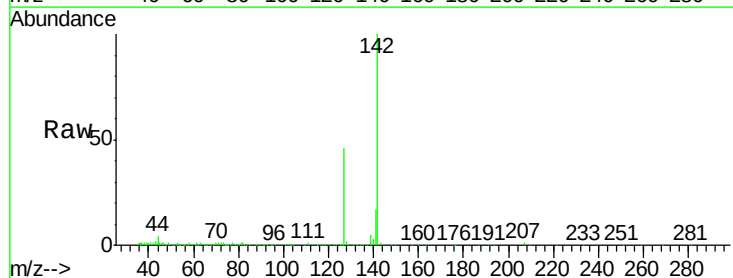
RT: 2.50 min Scan# 231

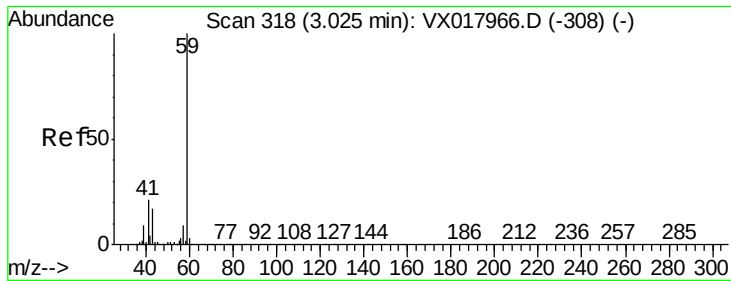
Delta R.T. 0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Tgt Ion:	142	Resp:	74708
Ion Ratio	Lower	Upper	
142	100		
127	46.3	38.0	57.0
141	15.4	11.2	16.8





#11

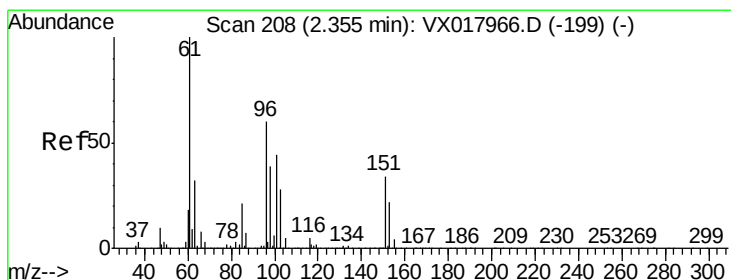
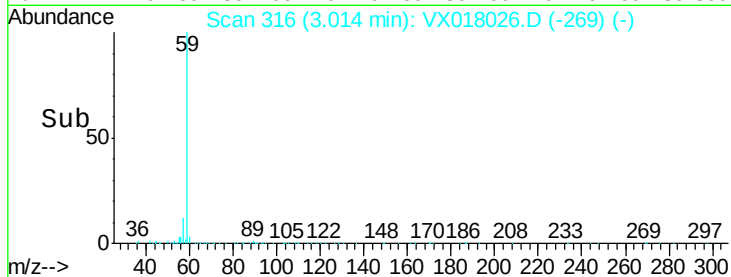
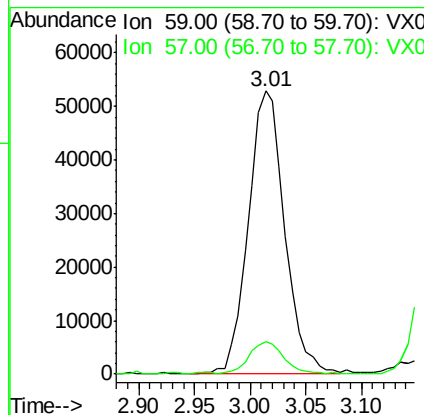
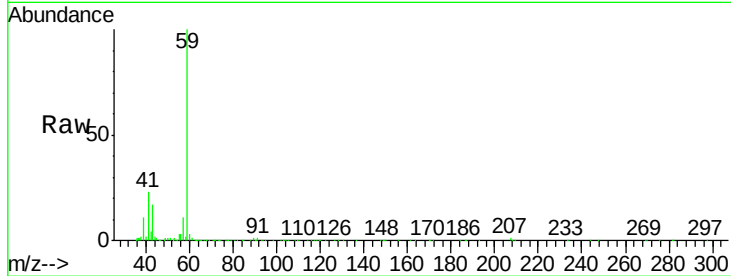
Tert butyl alcohol
Concen: 84.124 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.6	13.0

Manual Integrations
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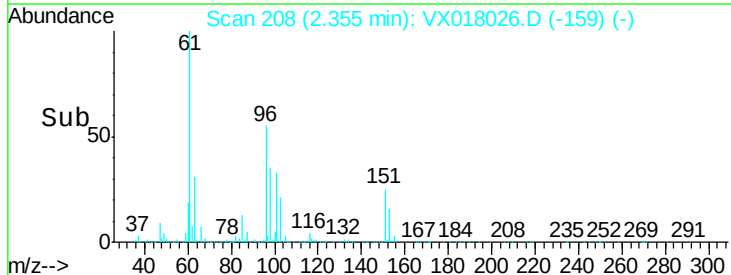
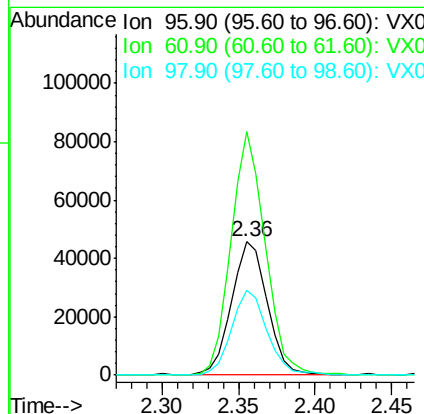
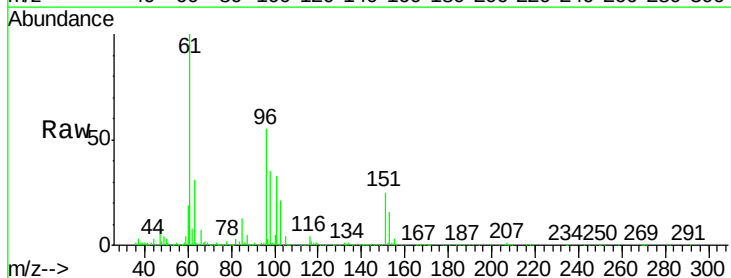
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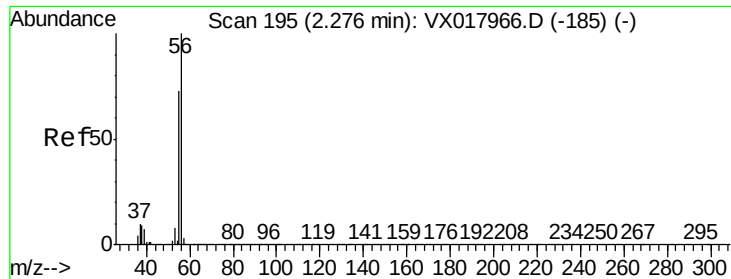


#12

1,1-Dichloroethene
Concen: 16.194 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.9	132.9	199.3
98	63.9	51.6	77.4





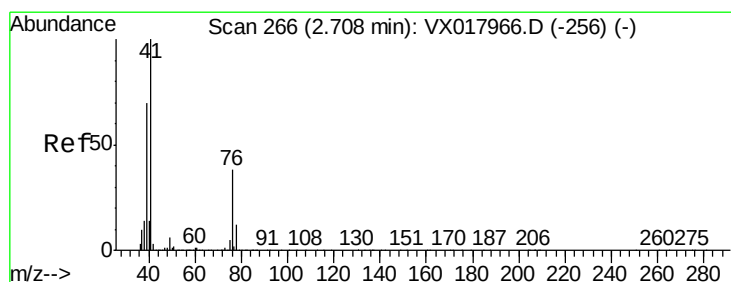
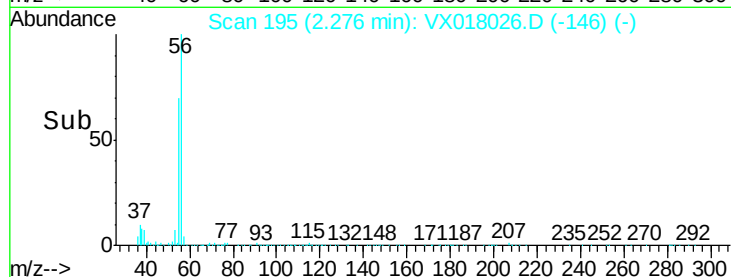
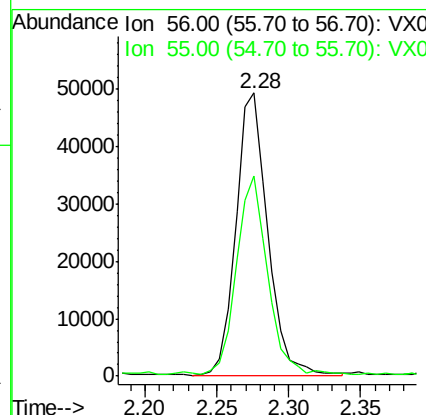
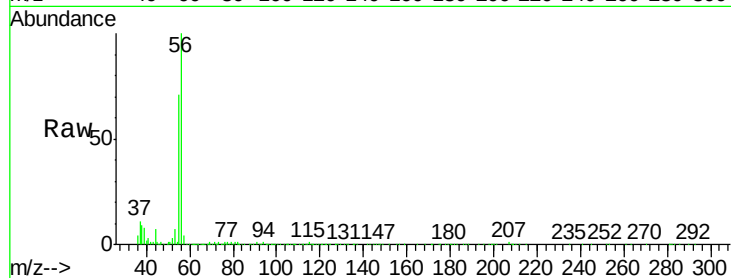
#13
Acrolein
Concen: 100.069 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampled :
VX0820WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.2	58.2	87.4

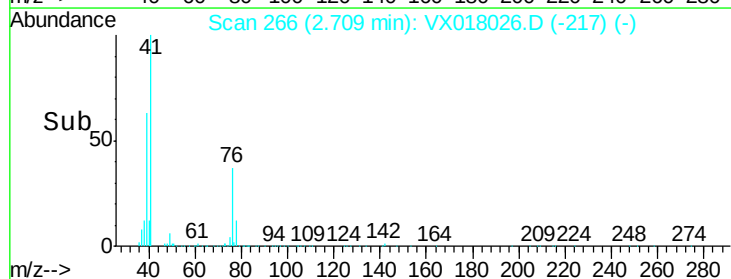
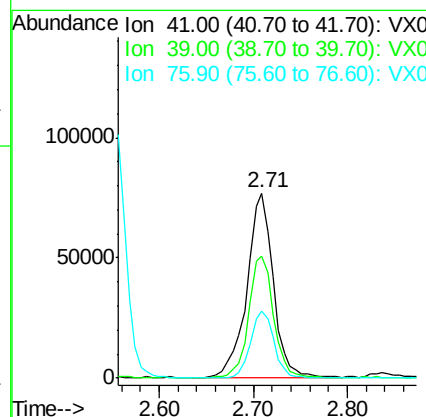
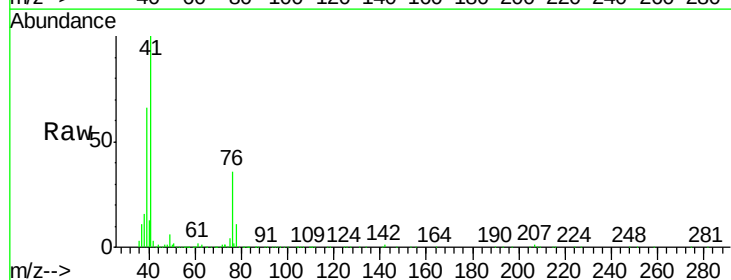
Manual Integrations
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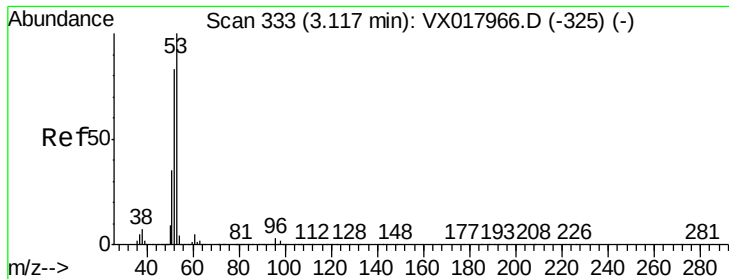
MMDadoda
8/21/2020 10:50:58 AM



#14
Allyl chloride
Concen: 18.501 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.2	51.7	77.5
76	32.9	26.3	39.5





#15

Acrylonitrile

Concen: 91.874 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

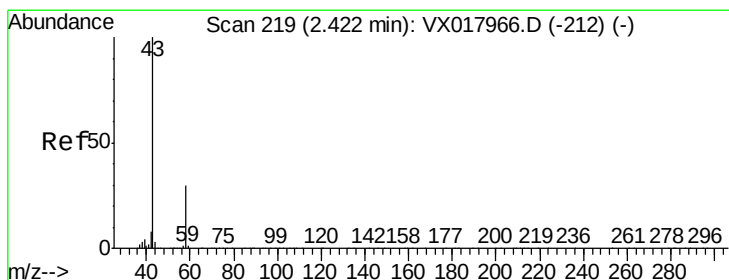
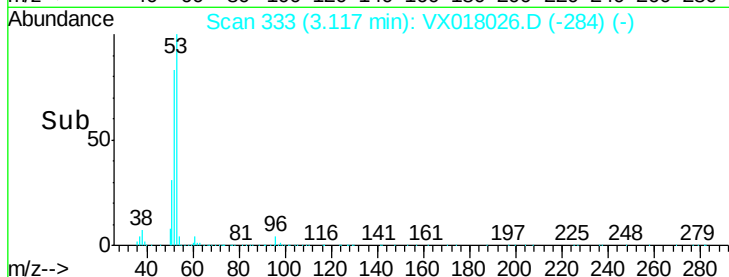
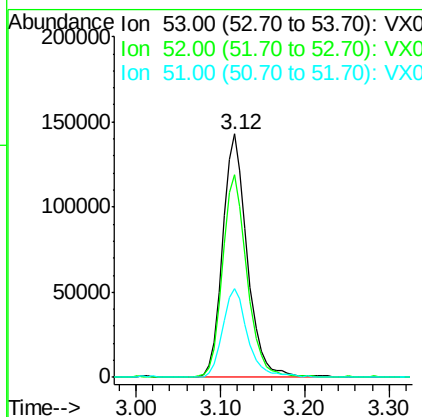
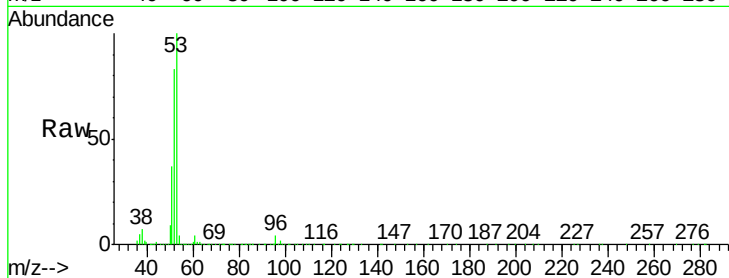
ClientSampleId :

VX0820WBS01

Tot Ion:	53	Resp:	286322
Ion Ratio	Lower	Upper	
53	100		
52	82.3	67.1	100.7
51	36.9	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 91.180 ug/l

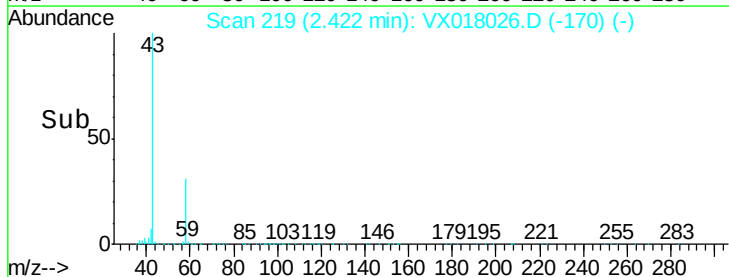
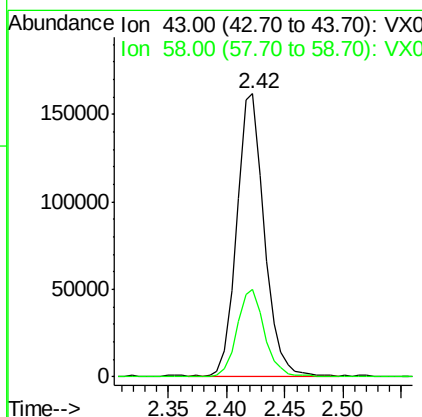
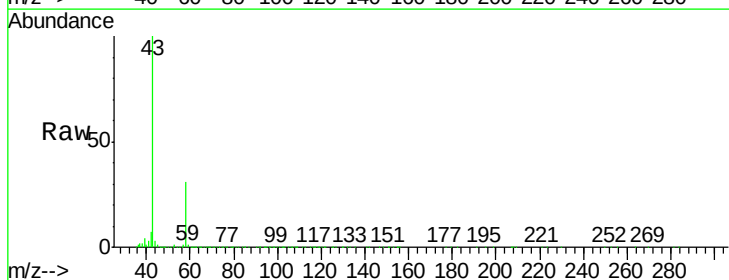
RT: 2.42 min Scan# 219

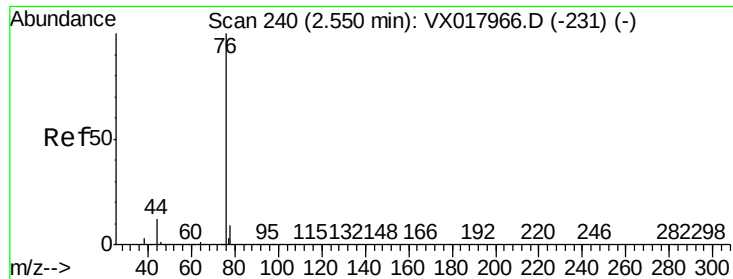
Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Tgt Ion:	43	Resp:	265126
Ion Ratio	Lower	Upper	
43	100		
58	31.1	23.8	35.8





#17

Carbon Disulfide

Concen: 17.185 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

Tot Ion: 76 Resp: 189489

Ion Ratio Lower Upper

76 100

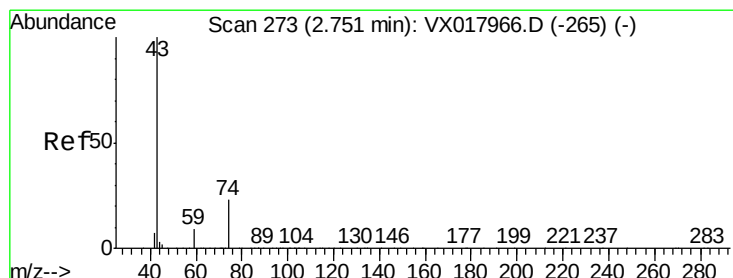
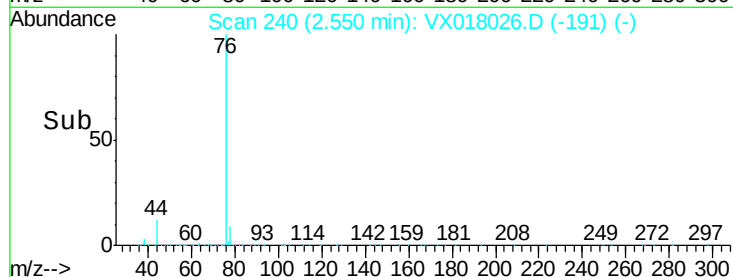
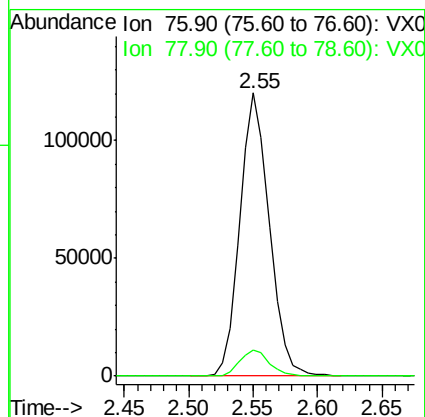
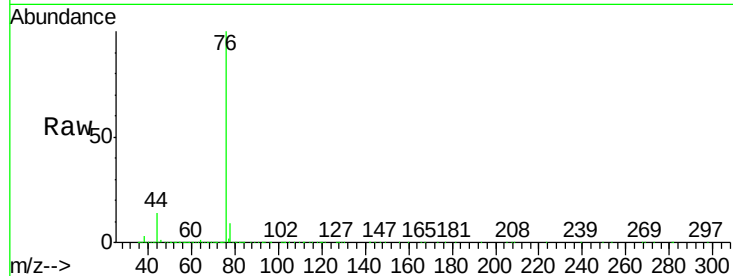
78 9.2 7.3 10.9

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#18

Methyl Acetate

Concen: 18.977 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018026.D

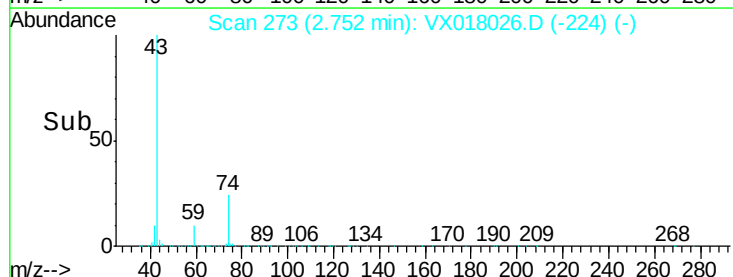
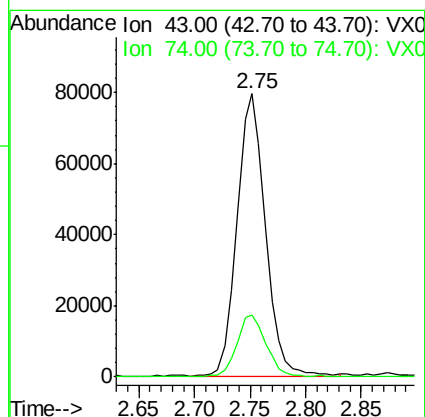
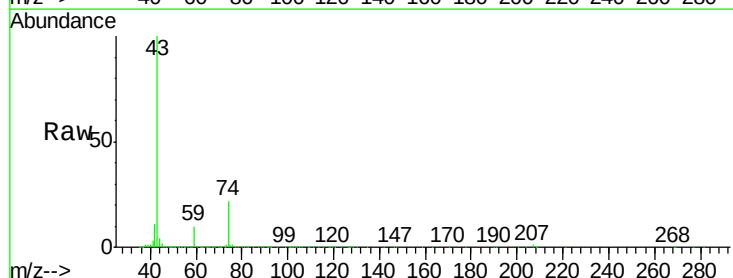
Acq: 20 Aug 2020 11:45

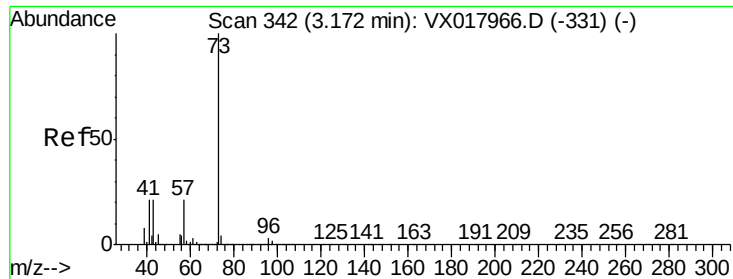
Tgt Ion: 43 Resp: 138853

Ion Ratio Lower Upper

43 100

74 23.3 19.7 29.5





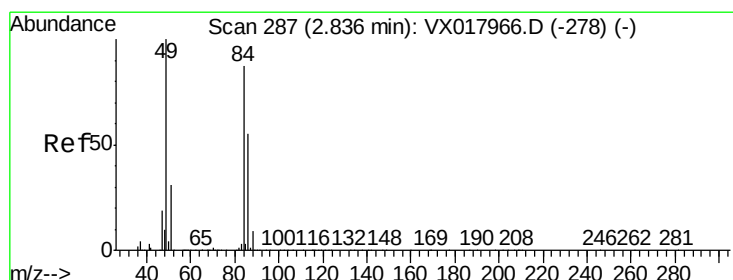
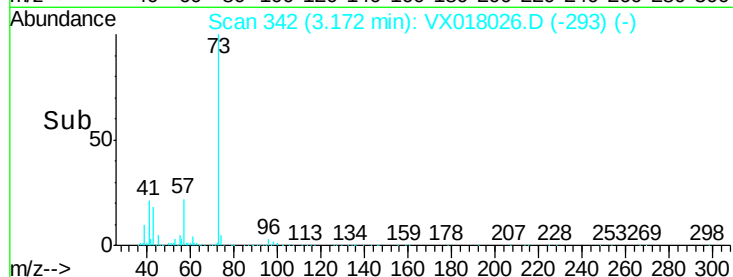
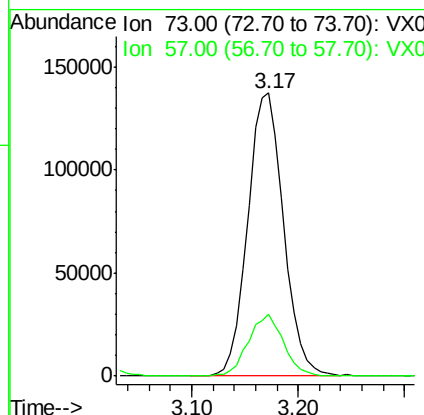
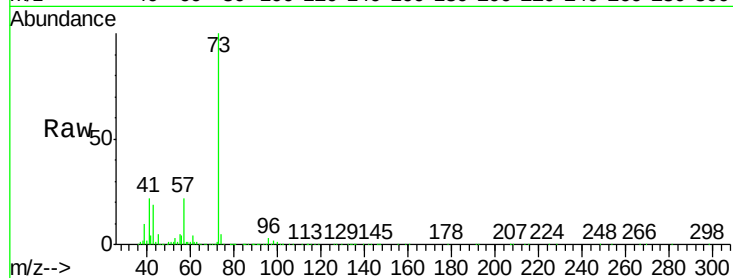
#19
Methyl tert-butyl Ether
Concen: 18.612 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.9	25.3

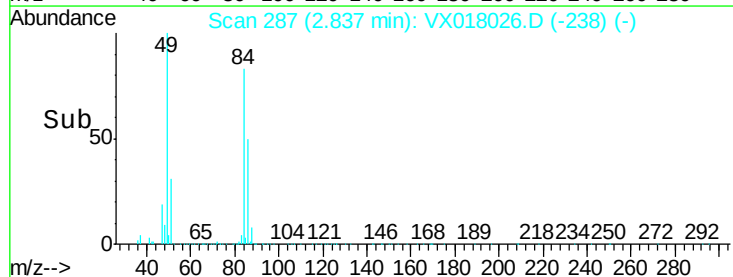
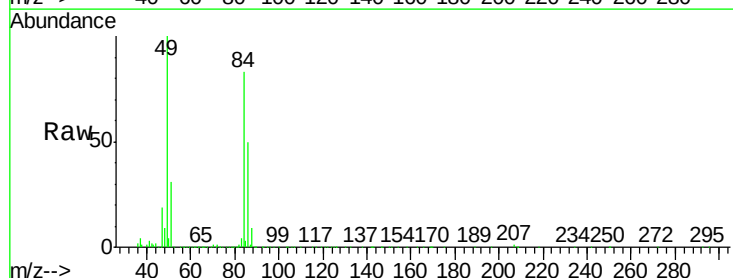
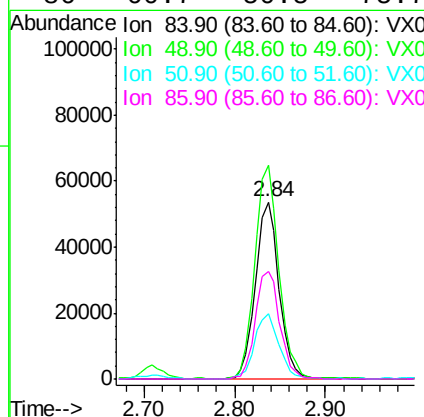
Manual Integrations
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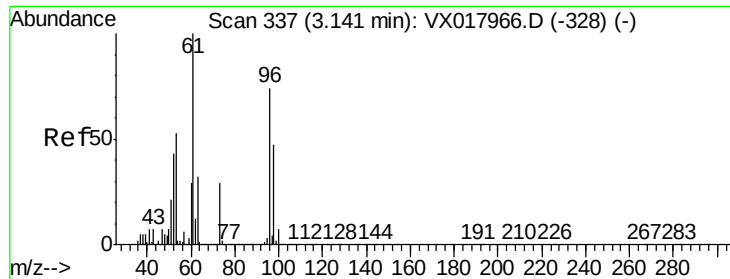
MMDadoda
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#20
Methylene Chloride
Concen: 18.170 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.7	91.8	137.6
51	36.7	27.8	41.8
86	60.7	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 17.508 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

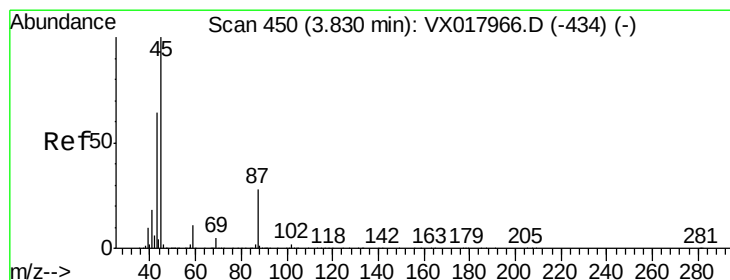
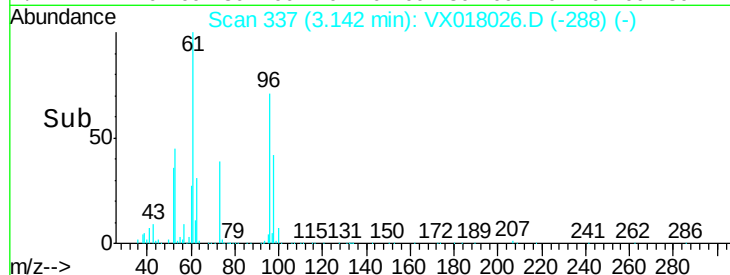
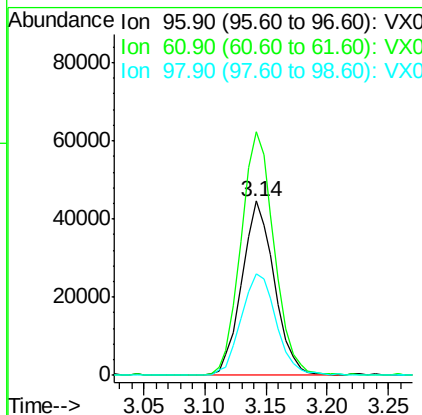
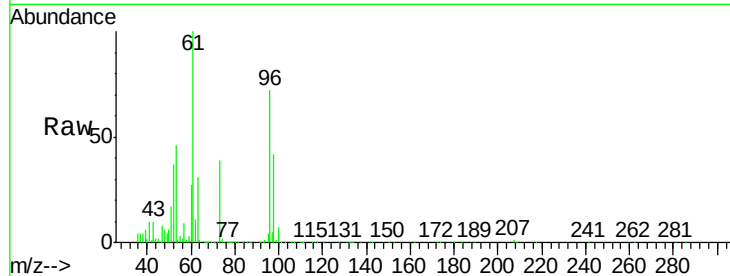
ClientSampleId :

VX0820WBS01

Tot Ion:	96	Resp:	81798
Ion	Ratio	Lower	Upper
96	100		
61	139.5	108.6	163.0
98	58.4	51.4	77.0

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#22

Diisopropyl ether

Concen: 19.265 ug/l

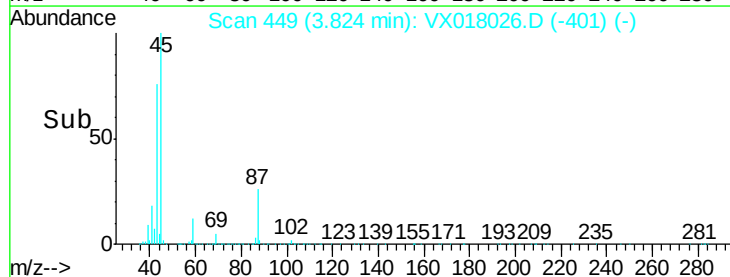
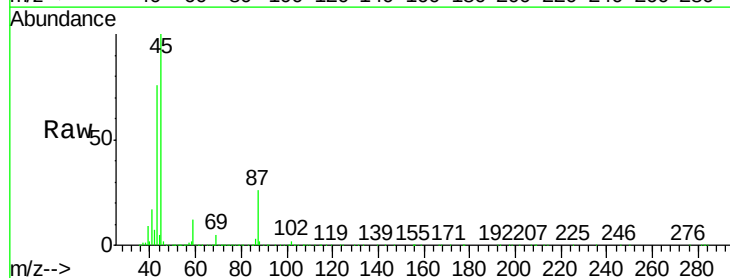
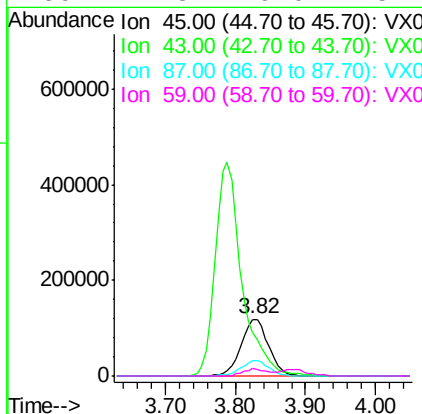
RT: 3.82 min Scan# 449

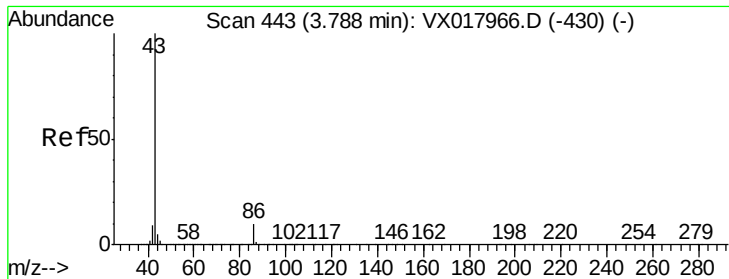
Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Tgt Ion:	45	Resp:	327338
Ion	Ratio	Lower	Upper
45	100		
43	75.3	51.5	77.3
87	26.4	22.6	33.8
59	12.3	9.0	13.4





#23

Vinyl Acetate

Concen: 91.449 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

Tot Ion: 43 Resp: 1187411

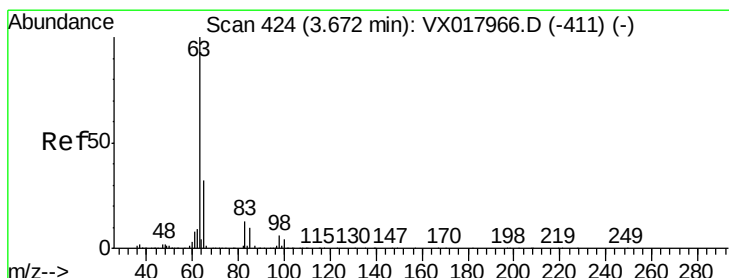
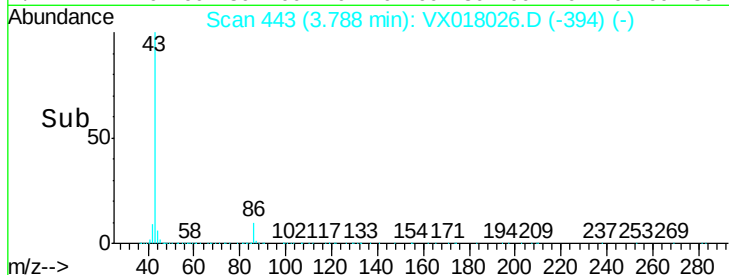
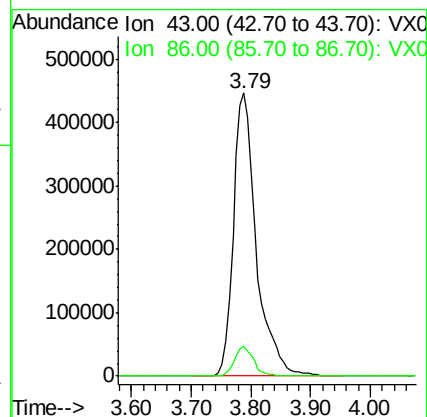
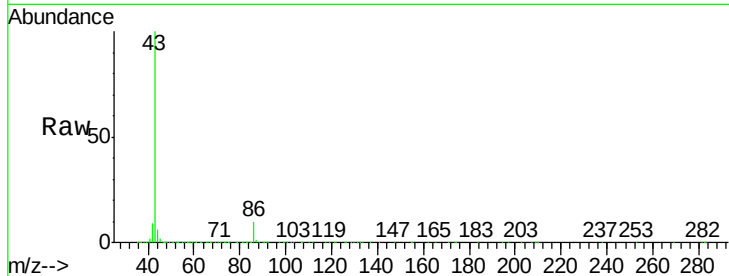
Ion Ratio Lower Upper

43 100

86 10.5 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 18.171 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

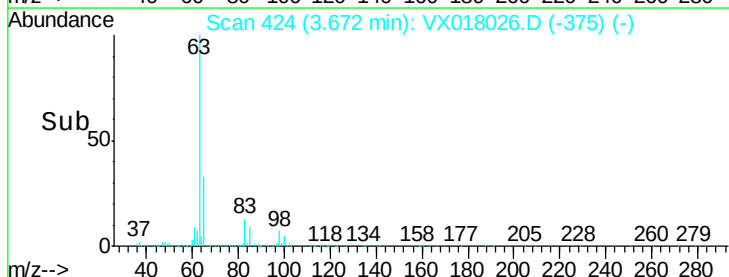
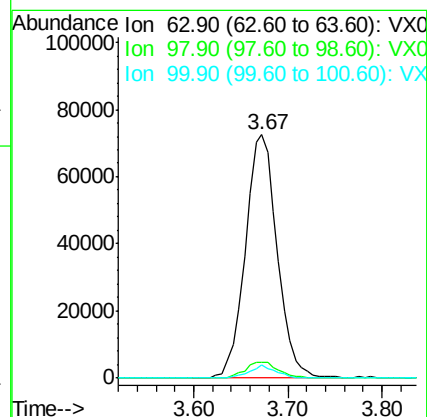
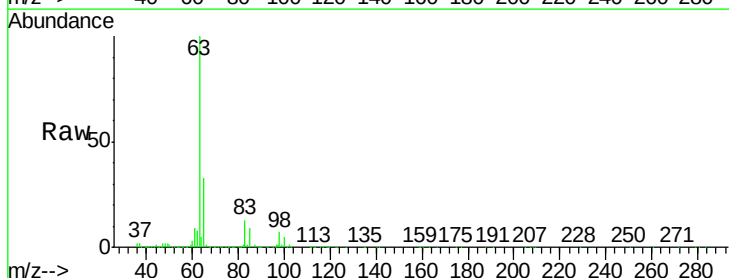
Tgt Ion: 63 Resp: 171154

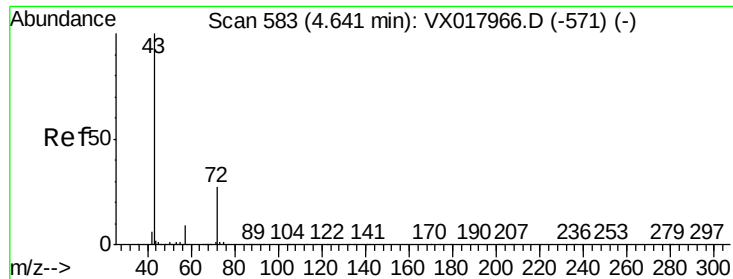
Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.0

100 5.3 2.0 5.8





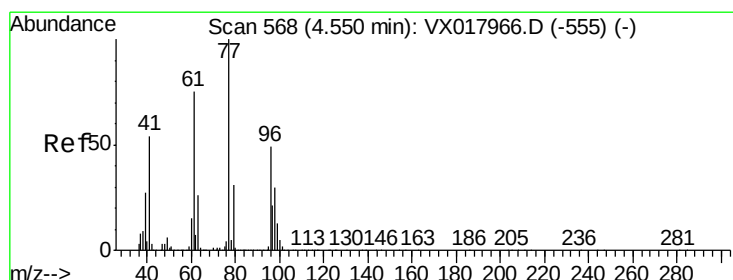
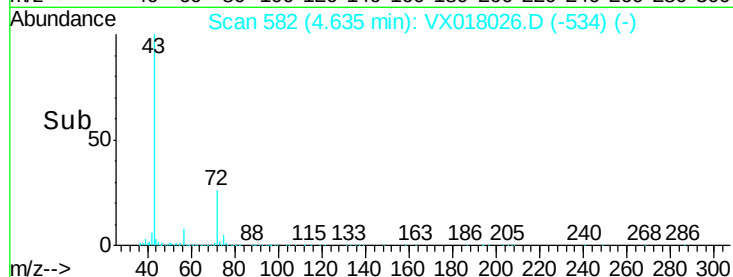
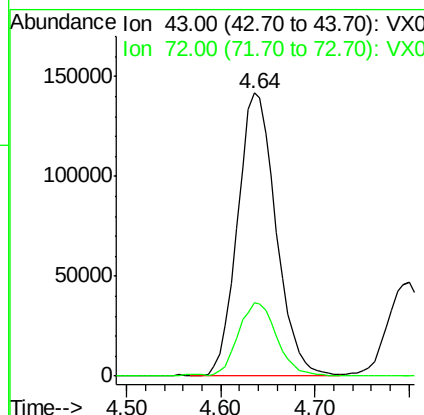
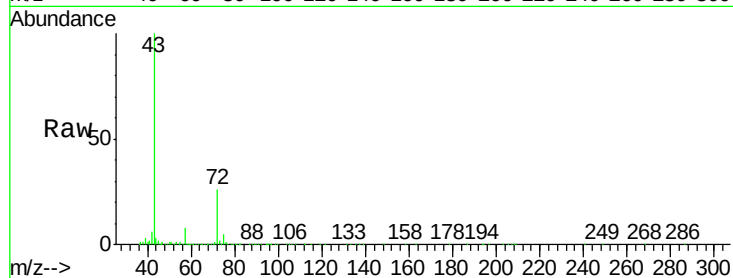
#25
2-Butanone
Concen: 91.364 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion: 43 Resp: 402193
Ion Ratio Lower Upper
43 100
72 25.7 21.4 32.2

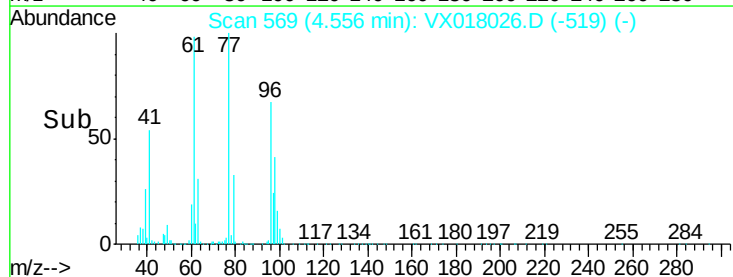
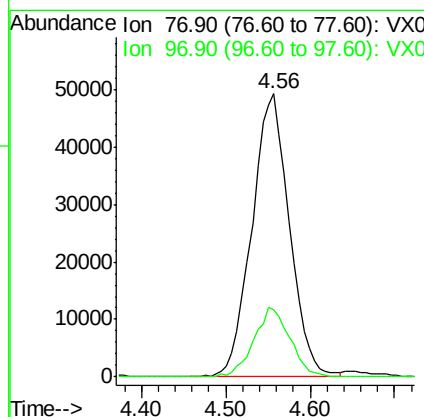
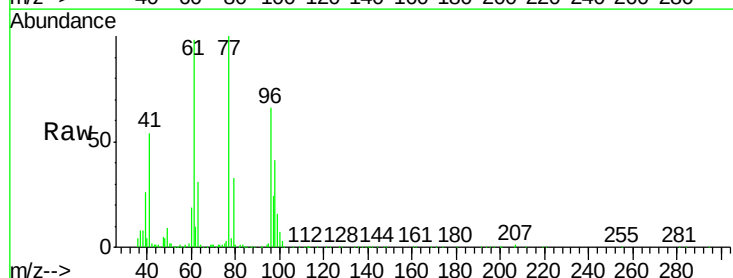
Manual Integrations
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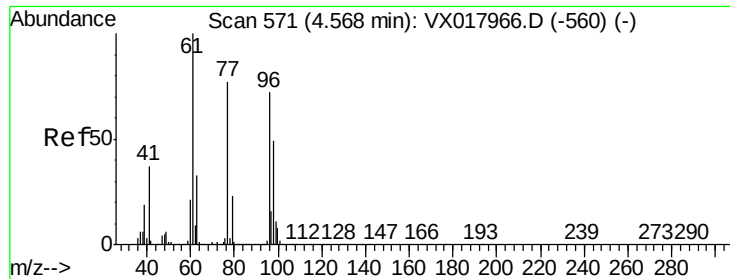
MMDadoda
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#26
2,2-Dichloropropane
Concen: 17.578 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion: 77 Resp: 150766
Ion Ratio Lower Upper
77 100
97 23.4 10.9 32.9





#27

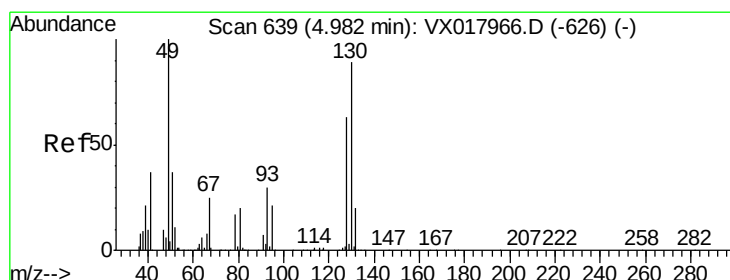
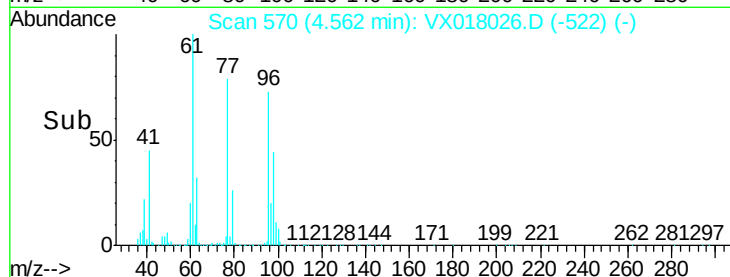
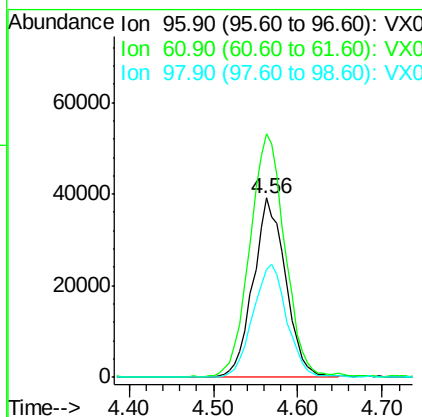
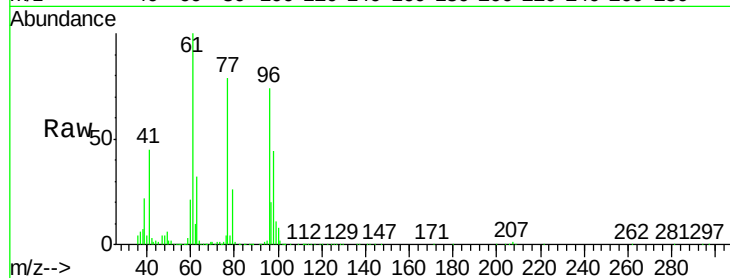
cis-1,2-Dichloroethene
Concen: 18.709 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.3	0.0	298.8	
98	65.6	0.0	130.2	

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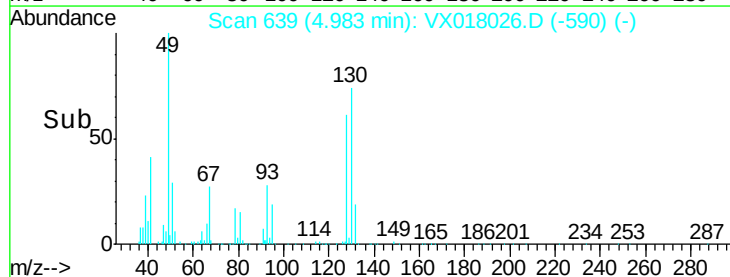
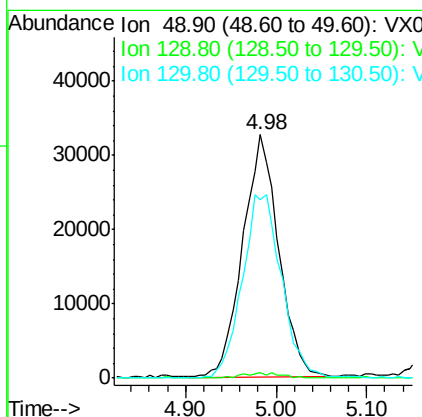
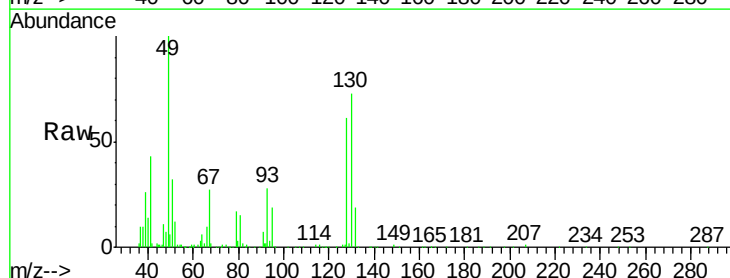
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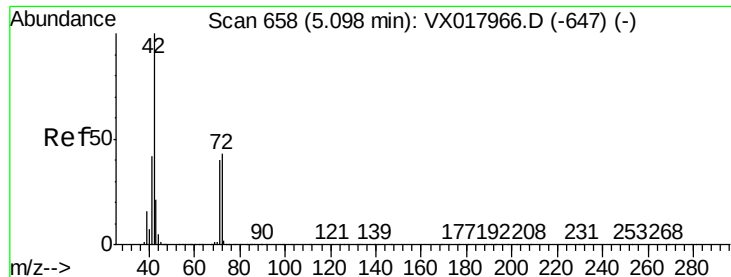


#28

Bromochloromethane
Concen: 18.466 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	3.6	
130	82.7	68.5	102.7	





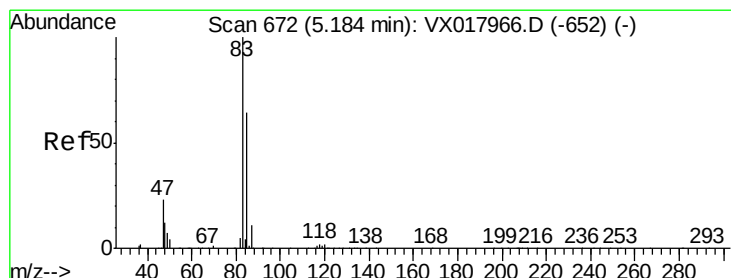
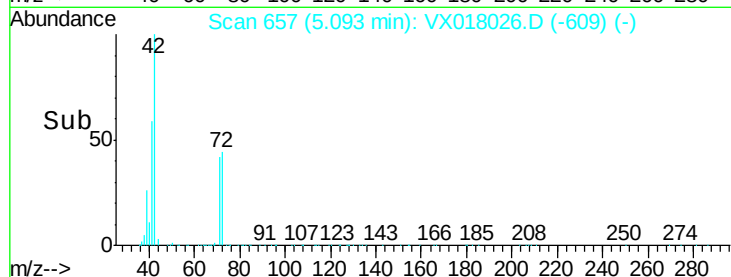
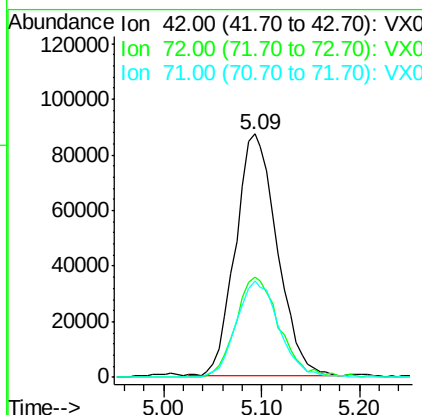
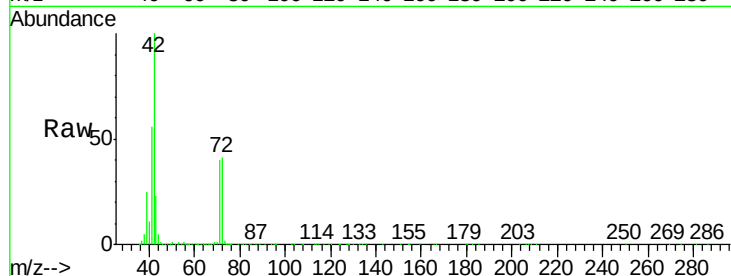
#29
Tetrahydrofuran
Concen: 93.527 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.9	53.9
71	41.3	33.0	49.4

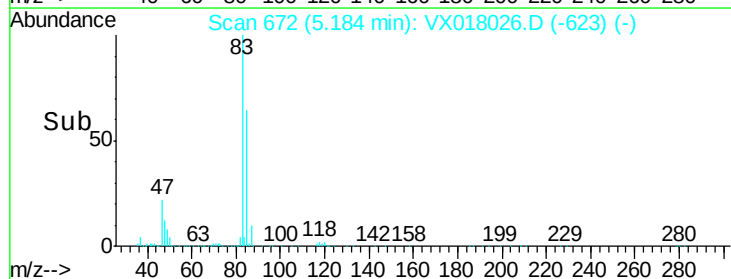
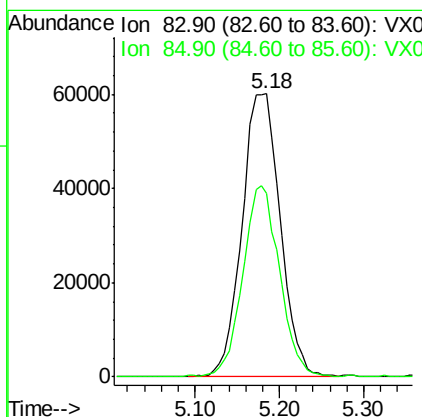
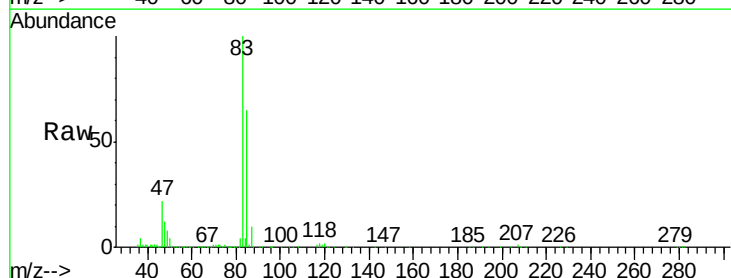
Manual Integrations
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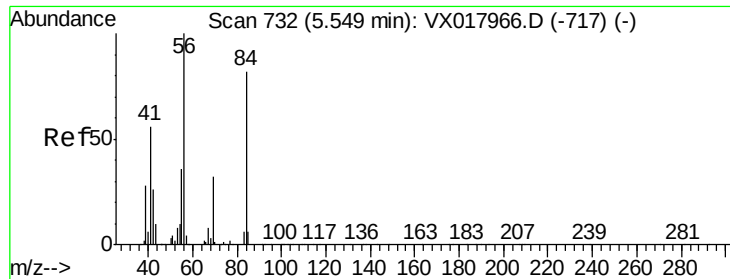
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#30
Chloroform
Concen: 18.043 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.3	76.9





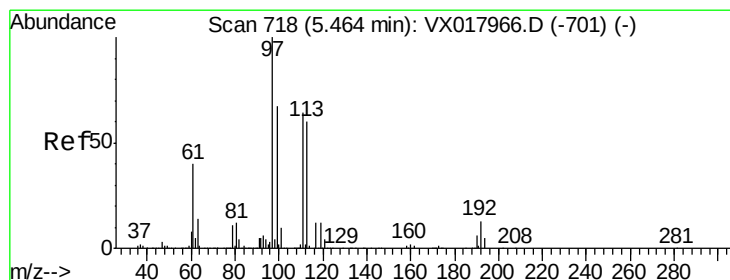
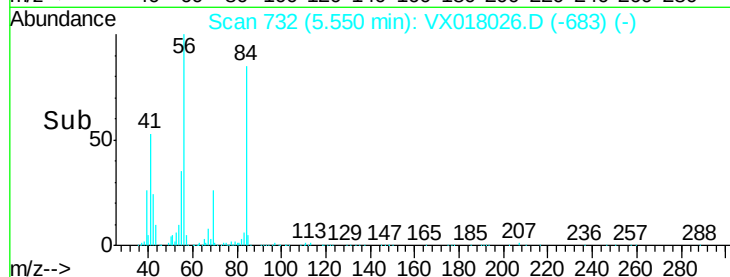
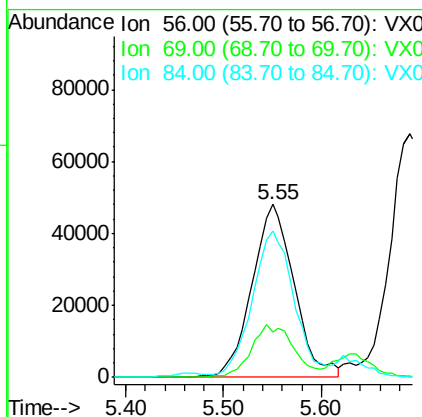
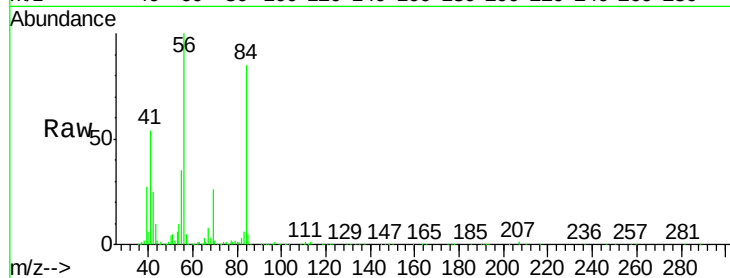
#31
Cyclohexane
Concen: 18.852 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	26.0	25.3	37.9
84	82.6	65.3	97.9

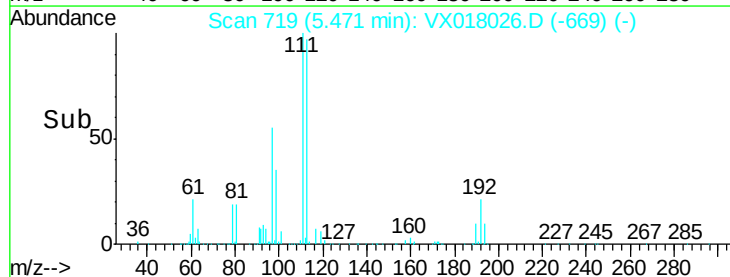
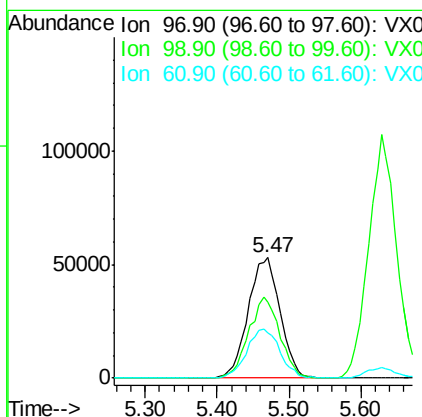
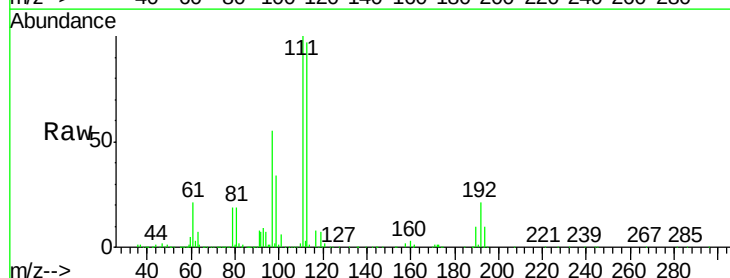
Manual Integrations
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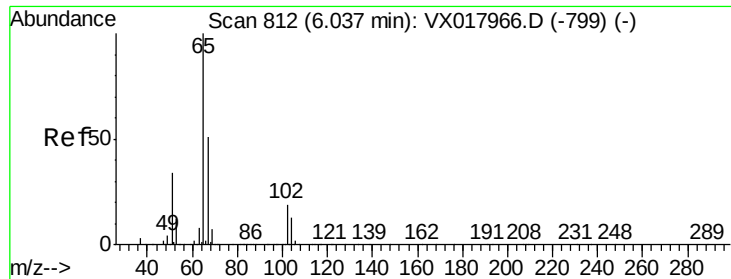
MMDadoda
8/21/2020 10:50:58 AM



#32
1,1,1-Trichloroethane
Concen: 17.493 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.0
61	42.3	33.7	50.5





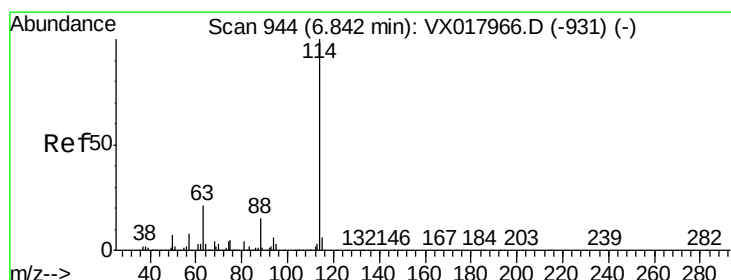
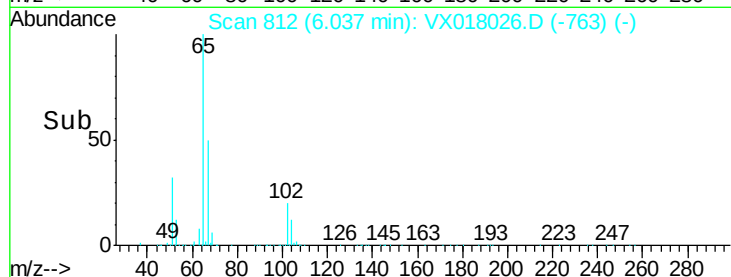
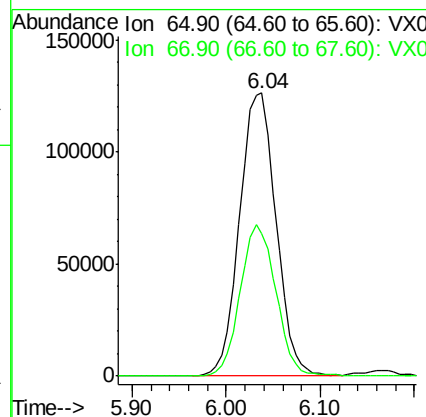
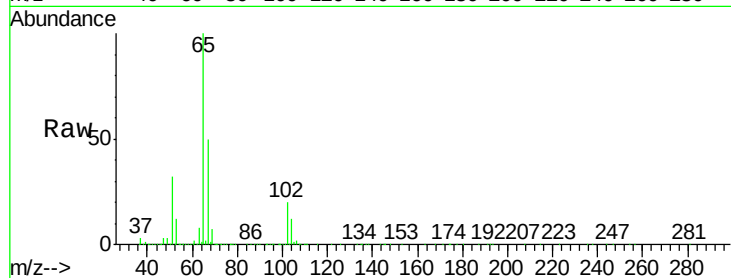
#33
 1,2-Dichloroethane-d4
 Concen: 45.902 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	339267		
67	52.5	0.0	103.0	

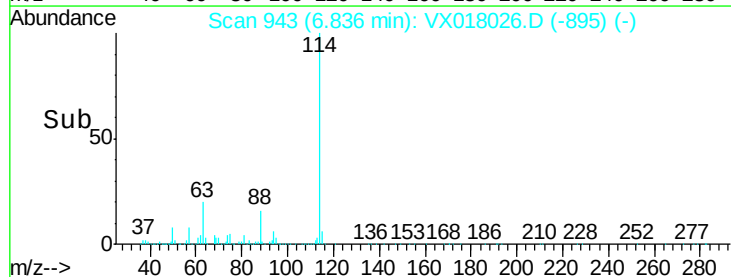
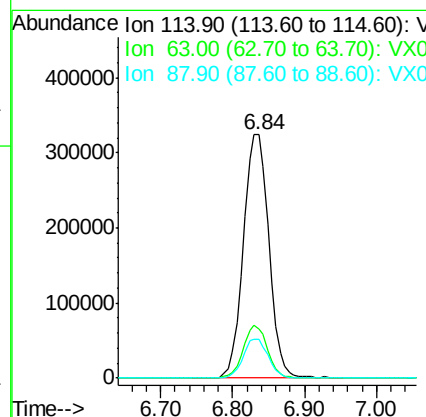
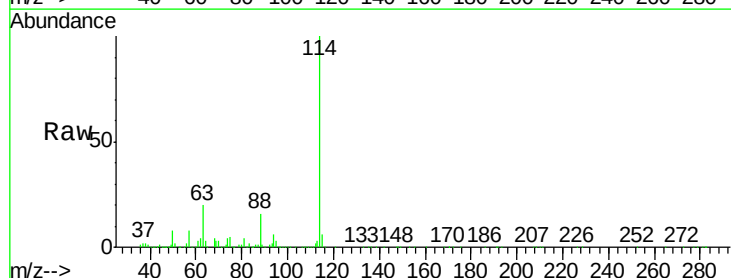
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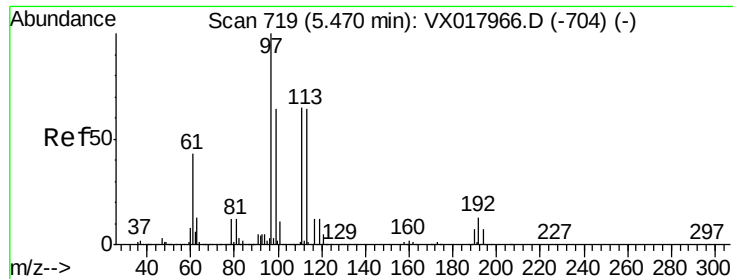
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	796557		
63	20.1	0.0	42.6	
88	16.0	0.0	30.2	





#35

Dibromofluoromethane

Concen: 45.839 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

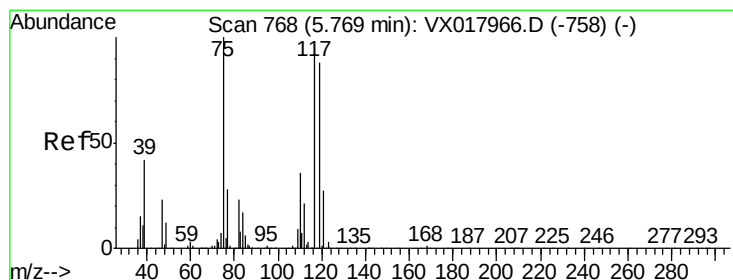
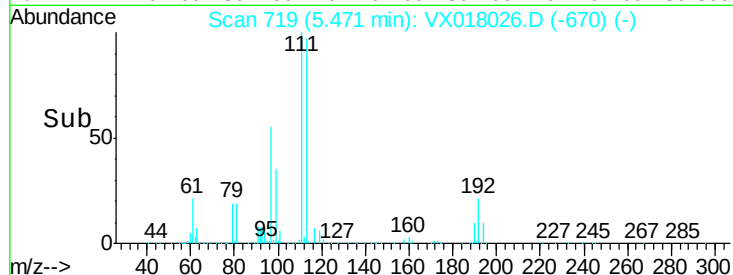
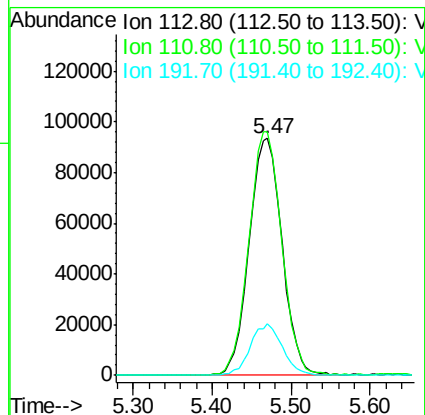
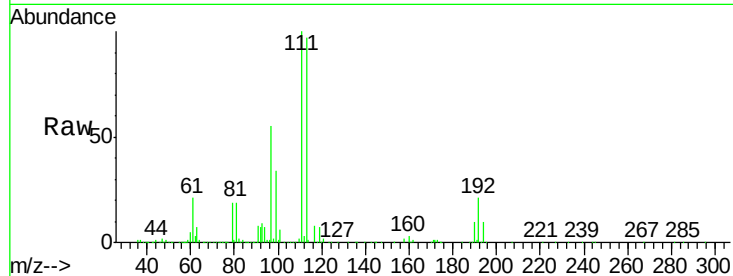
ClientSampleId :

VX0820WBS01

Tot Ion:	113	Resp:	271909
Ion Ratio	Lower	Upper	
113	100		
111	102.5	83.5	125.3
192	21.0	16.2	24.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.768 ug/l

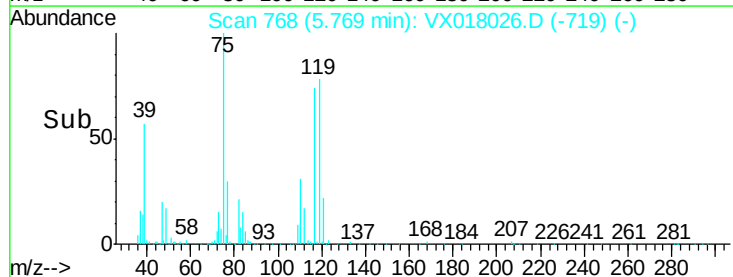
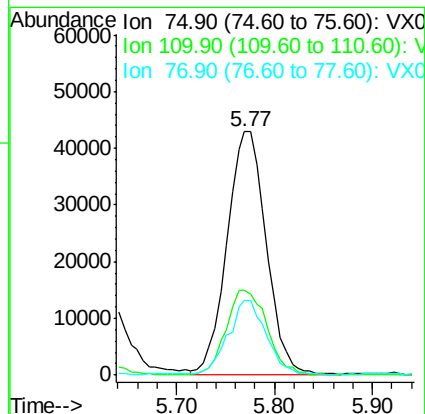
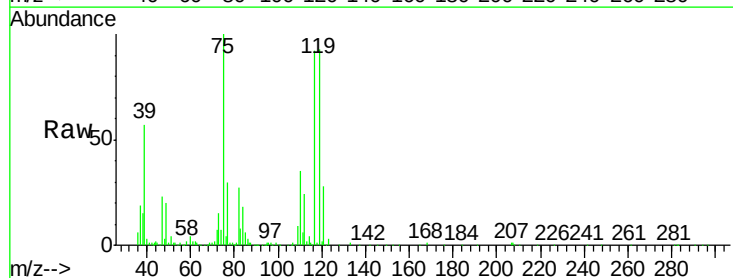
RT: 5.77 min Scan# 768

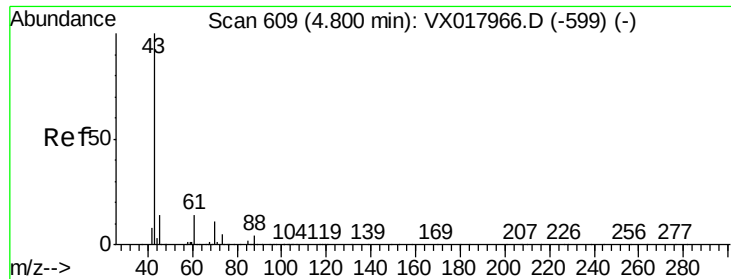
Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Tgt Ion:	75	Resp:	118463
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.7	56.1
77	29.6	24.4	36.6





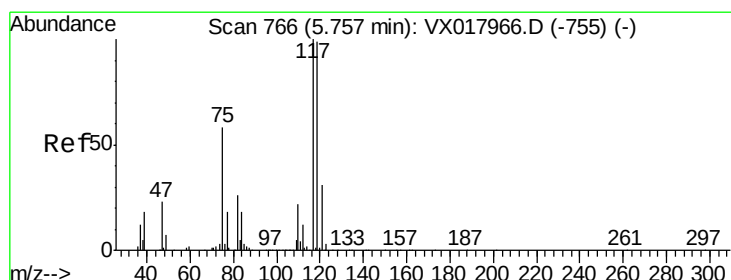
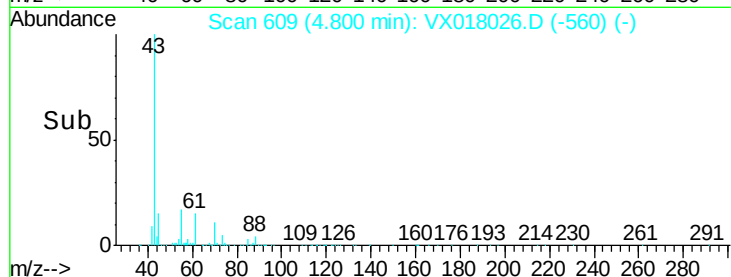
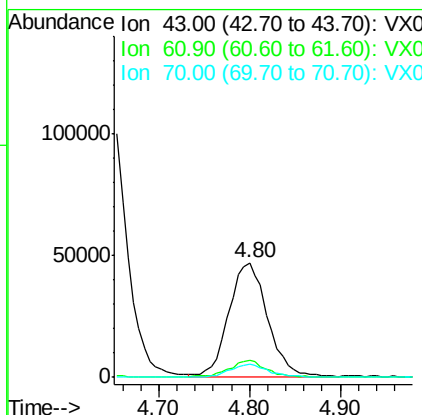
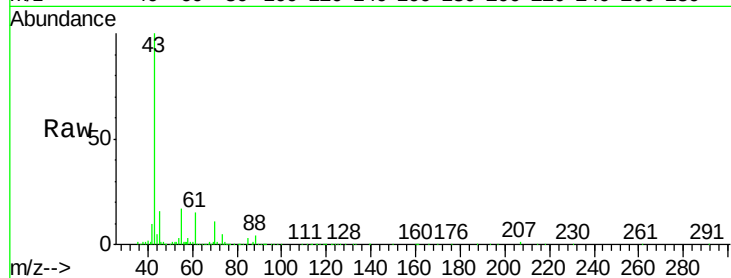
#37
Ethyl Acetate
Concen: 17.280 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion	43	Resp	137842
Ion Ratio	Lower	Upper	
43	100		
61	14.2	11.3	16.9
70	11.5	8.5	12.7

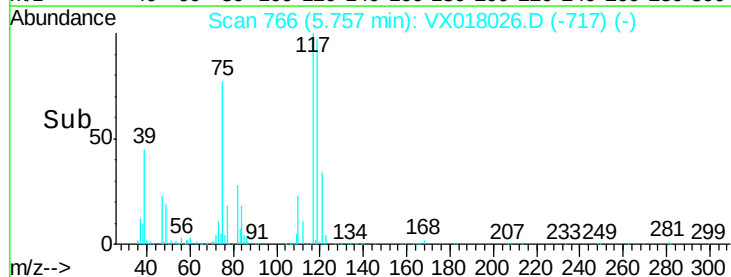
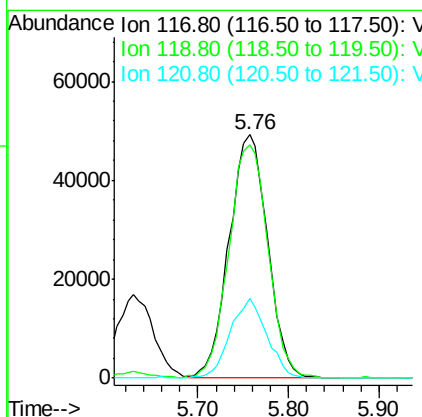
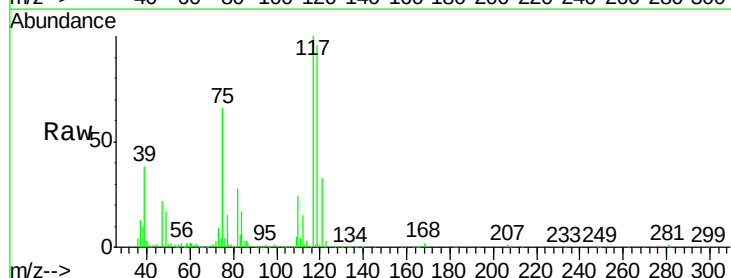
Manual Integrations
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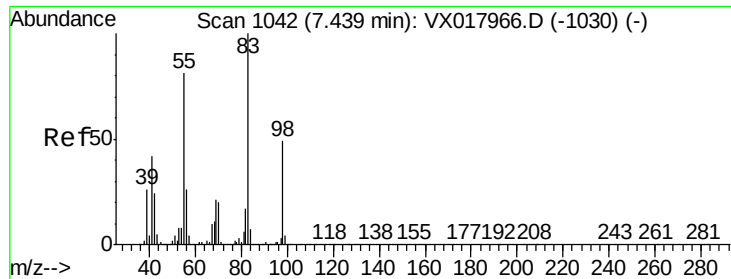
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#38
Carbon Tetrachloride
Concen: 16.873 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	117	Resp	145598
Ion Ratio	Lower	Upper	
117	100		
119	95.6	79.0	118.6
121	32.9	24.7	37.1





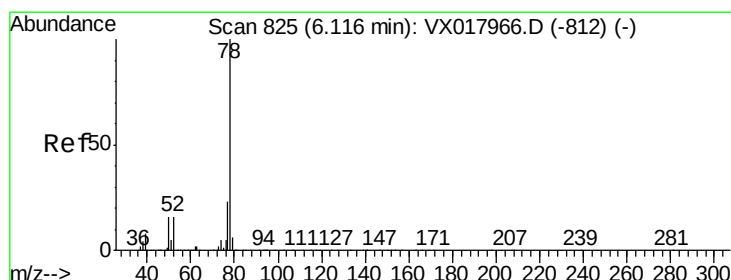
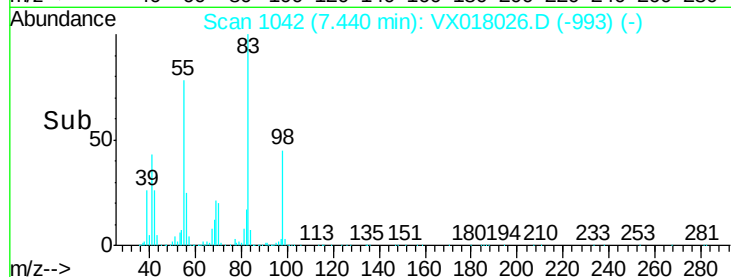
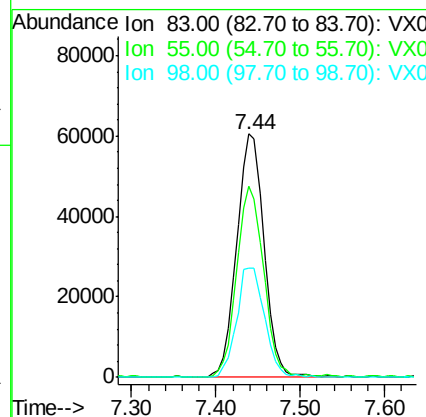
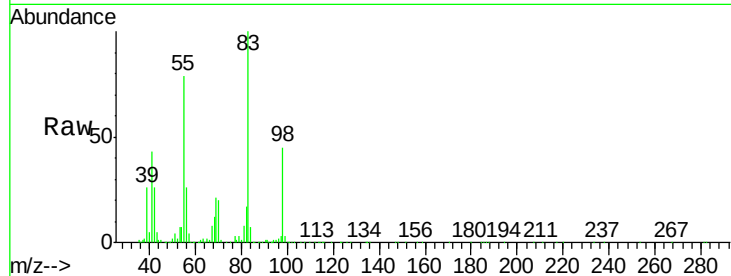
#39
Methylvlcyclohexane
Concen: 16.047 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	64.5	96.7
98	44.9	39.0	58.6

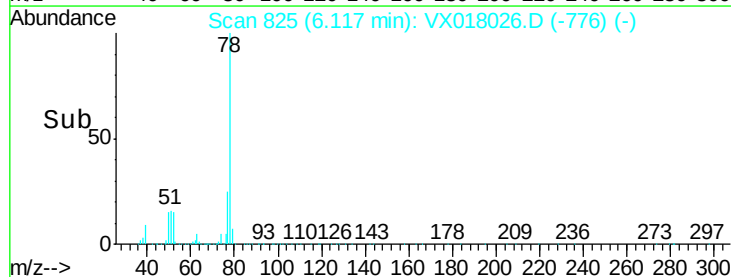
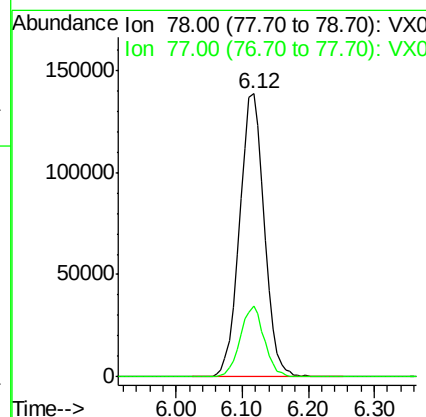
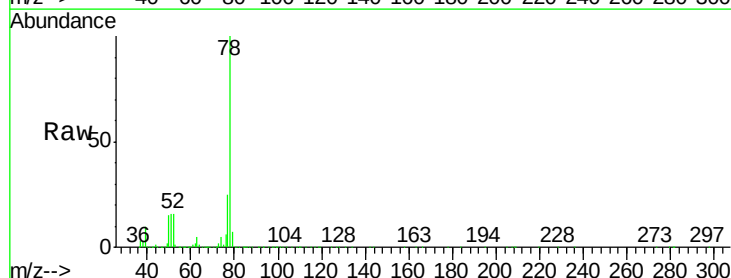
Manual Integrations
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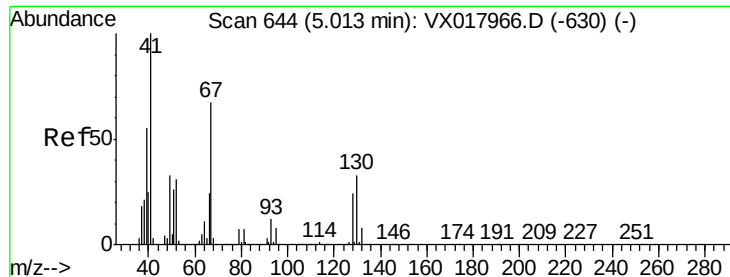
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#40
Benzene
Concen: 17.844 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.8	28.2





#41

Methacrylonitrile

Concen: 18.160 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

Tot Ion: 41 Resp: 83030
Ion Ratio Lower Upper

41 100

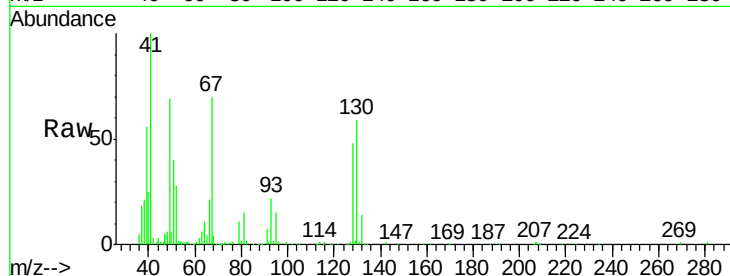
39 56.6 44.8 67.2

67 70.6 57.5 86.3

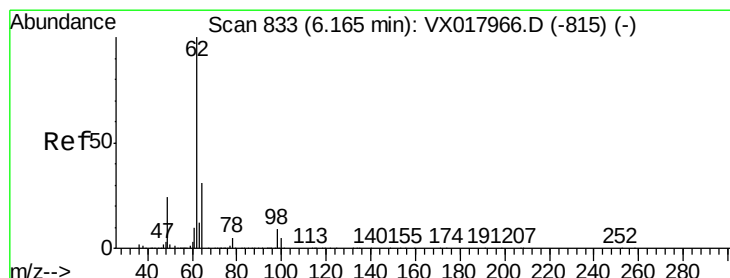
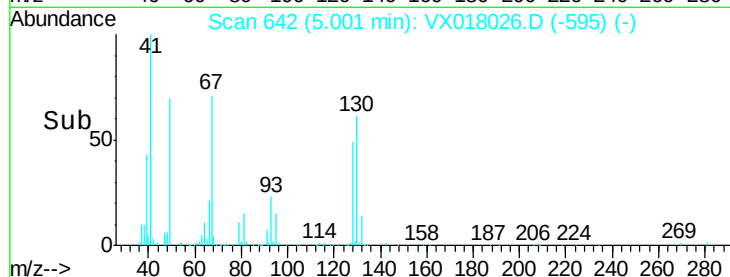
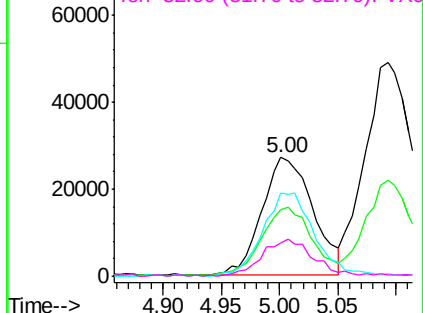
52 30.4 25.6 38.4

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 17.435 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

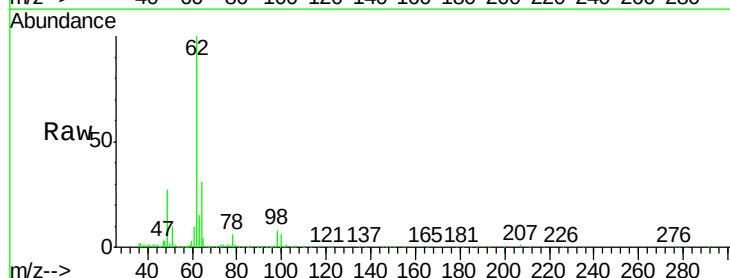
Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

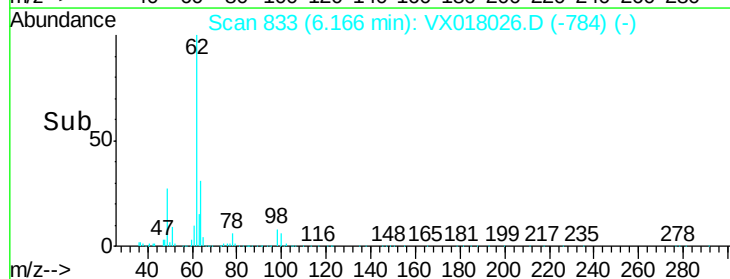
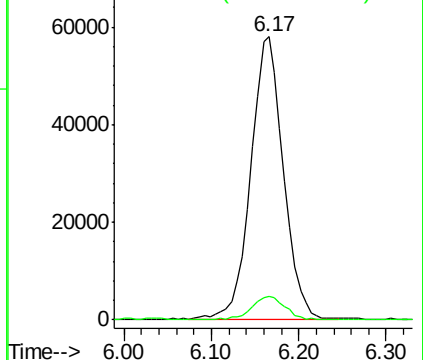
Tgt Ion: 62 Resp: 148720
Ion Ratio Lower Upper

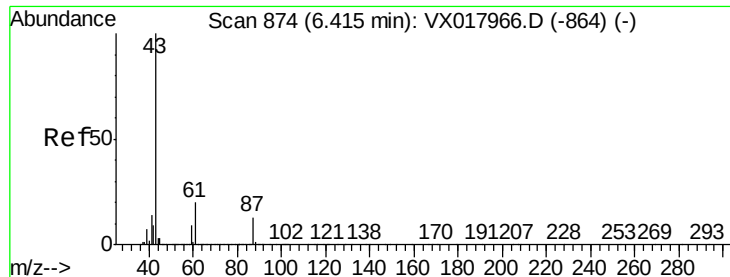
62 100

98 8.8 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.097 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

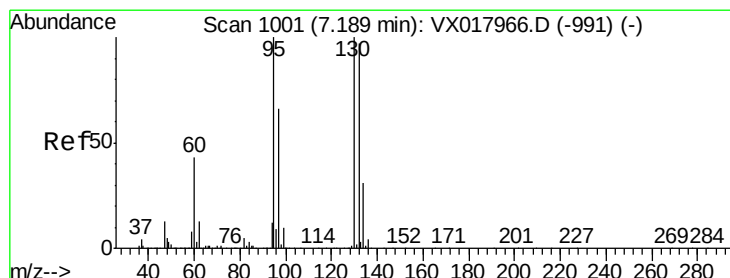
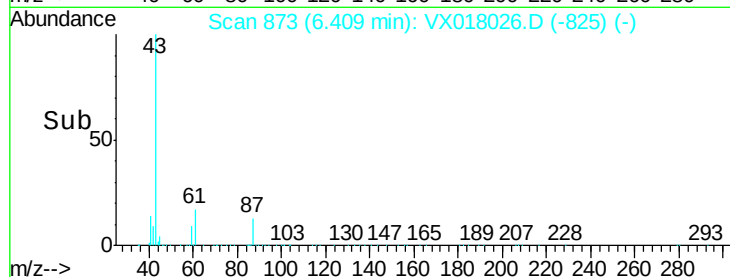
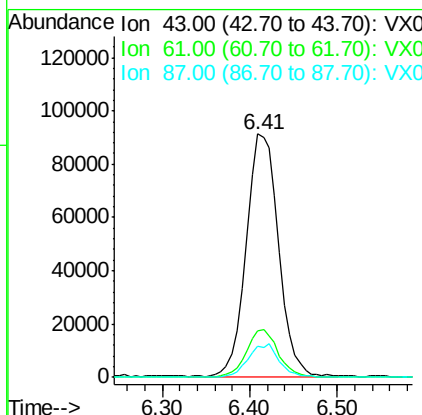
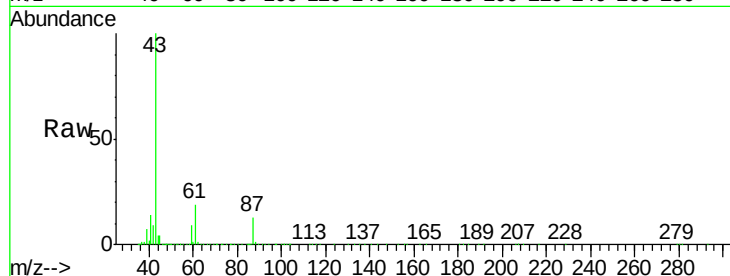
ClientSampleId :

VX0820WBS01

Tot Ion:	43	Resp:	233049
Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.2	24.4
87	13.4	10.8	16.2

Manual Integrations
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#44

Trichloroethene

Concen: 17.236 ug/l

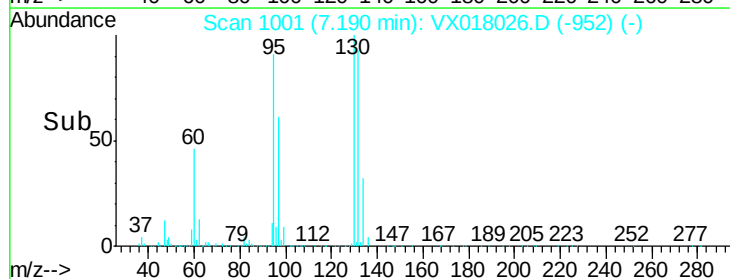
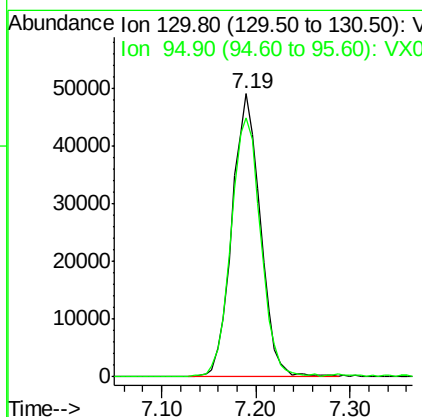
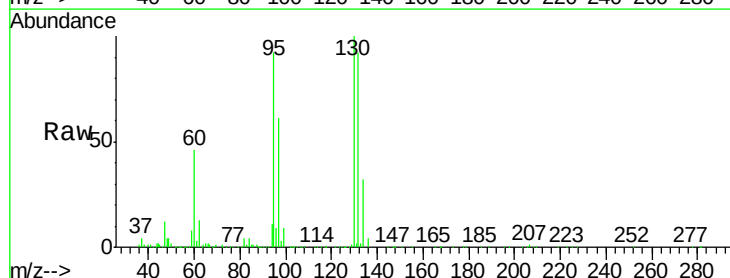
RT: 7.19 min Scan# 1001

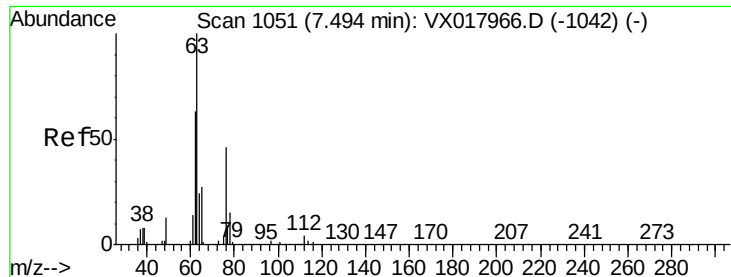
Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Tgt Ion:	130	Resp:	102639
Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	200.6





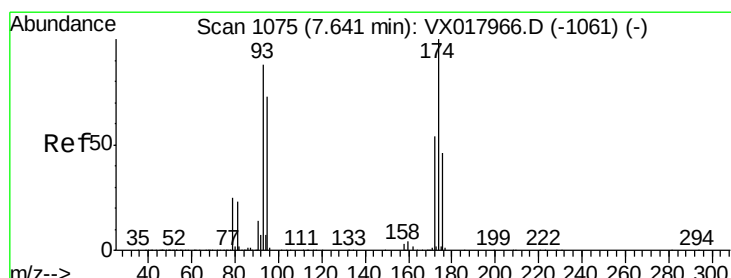
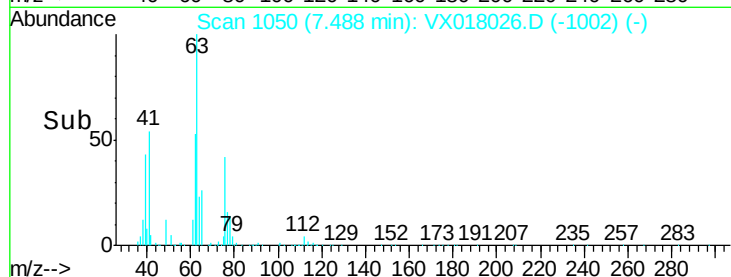
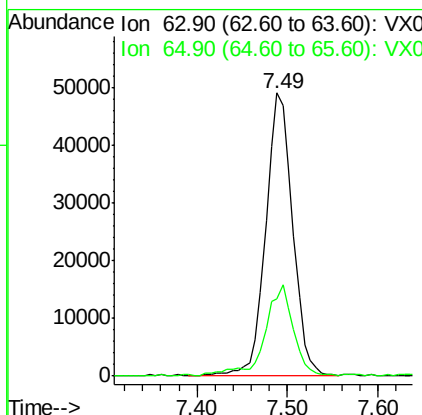
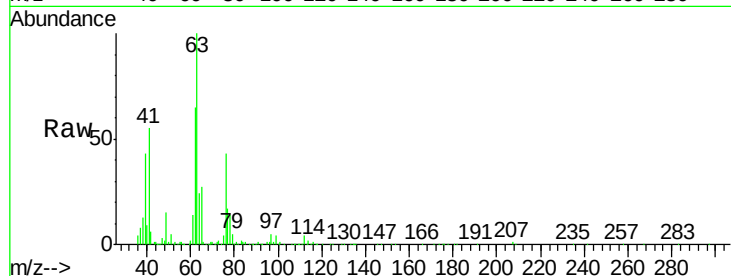
#45
 1,2-Dichloropropane
 Concen: 17.441 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Instrument :
 MSVOA_X
 ClientSampled :
 VX0820WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.1	23.8	35.8

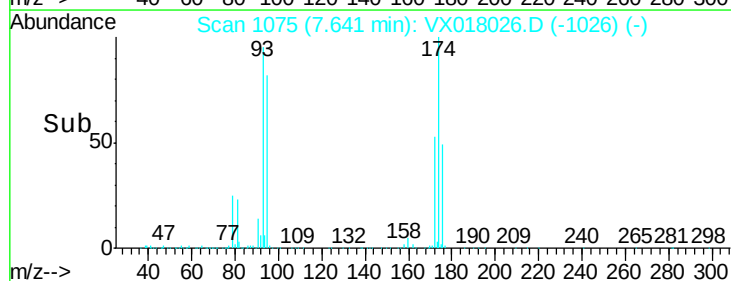
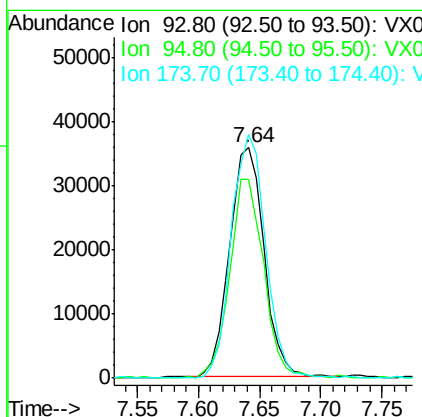
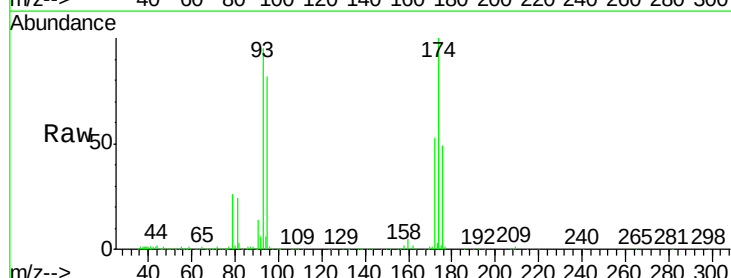
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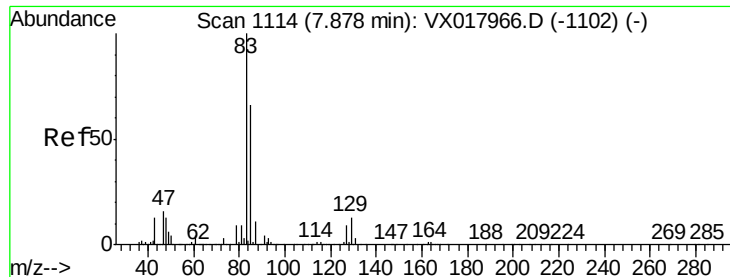
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 8/21/2020 10:50:58 AM



#46
 Dibromomethane
 Concen: 17.463 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.5	66.8	100.2
174	105.8	88.3	132.5





#47

Bromodichloromethane

Concen: 17.388 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

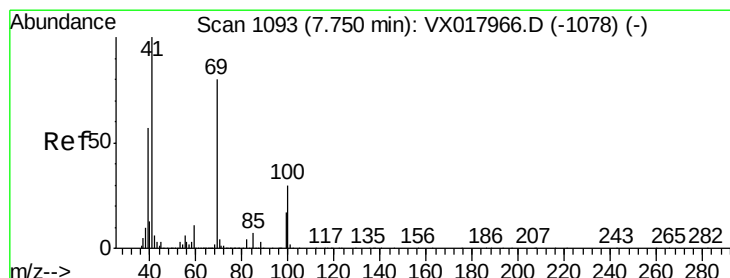
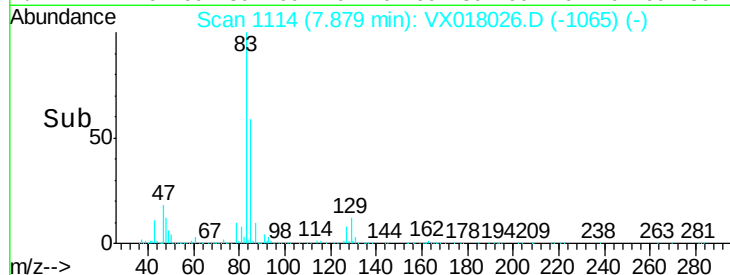
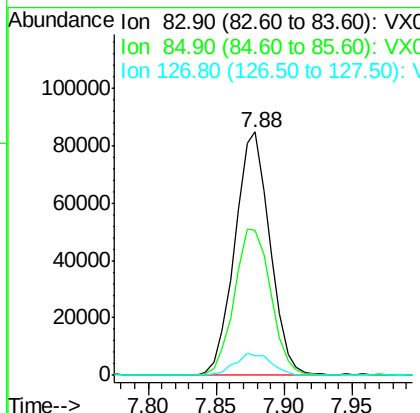
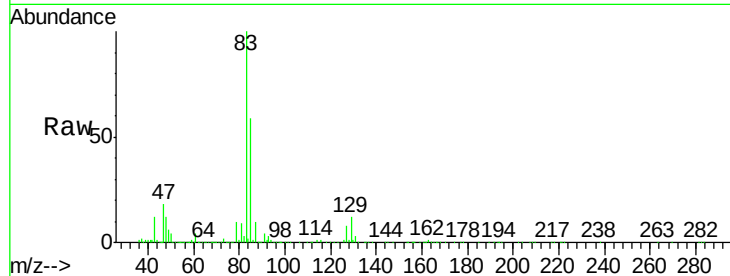
ClientSampleId :

VX0820WBS01

Tot Ion:	83	Resp:	151581
Ion Ratio	Lower	Upper	
83	100		
85	59.6	52.4	78.6
127	8.2	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.208 ug/l

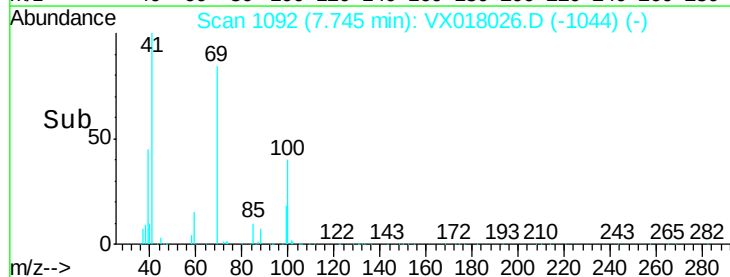
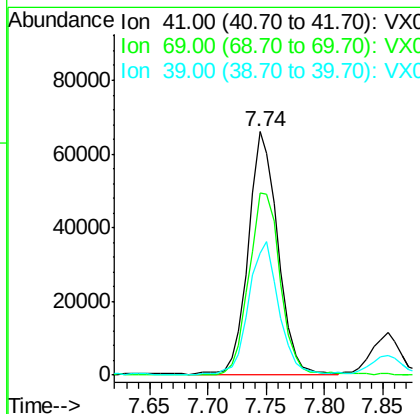
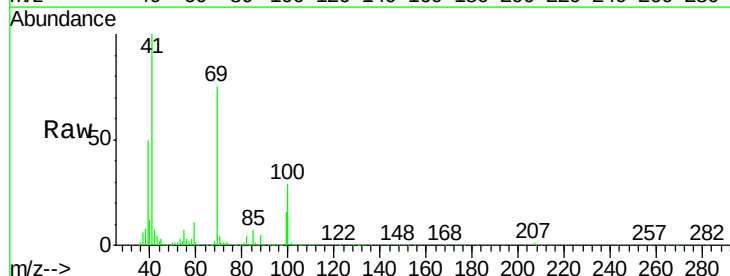
RT: 7.74 min Scan# 1092

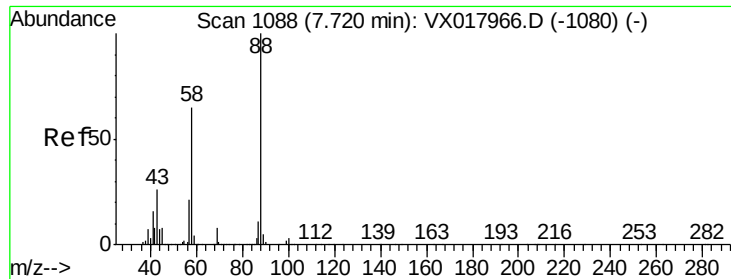
Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Tgt Ion:	41	Resp:	116239
Ion Ratio	Lower	Upper	
41	100		
69	79.9	64.3	96.5
39	55.9	45.3	67.9





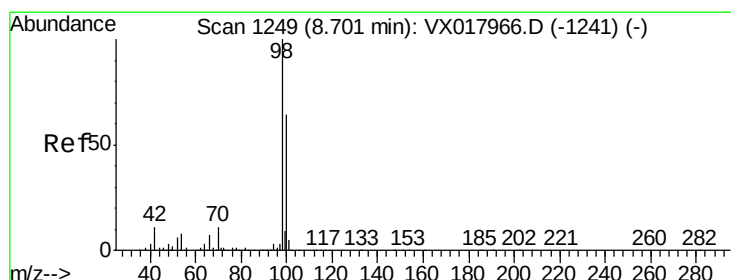
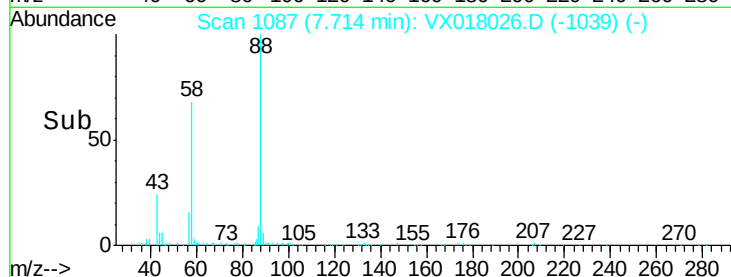
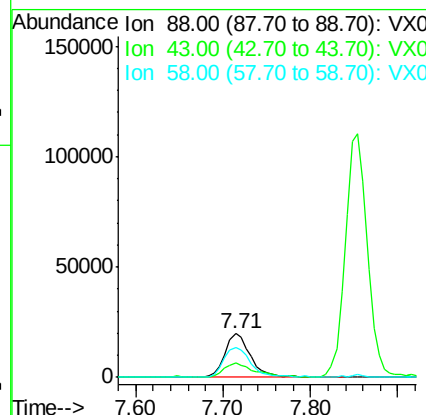
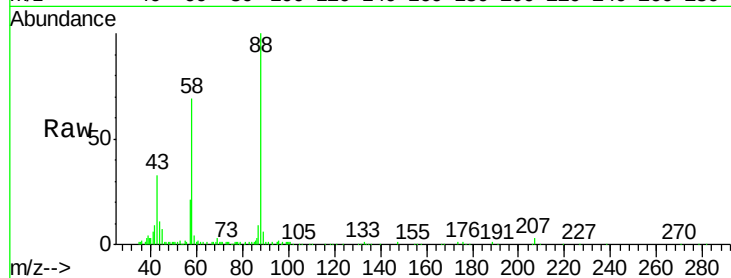
#49
1,4-Dioxane
Concen: 307.799 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.9	27.3	40.9
58	73.3	57.7	86.5

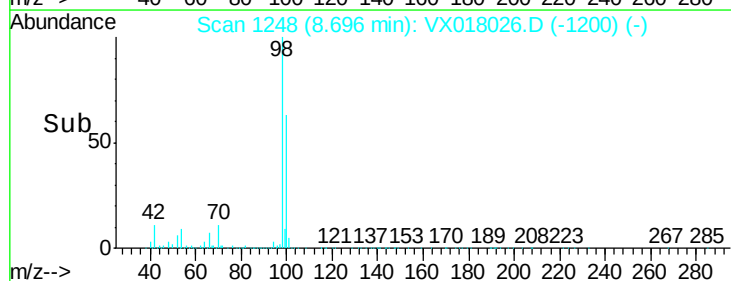
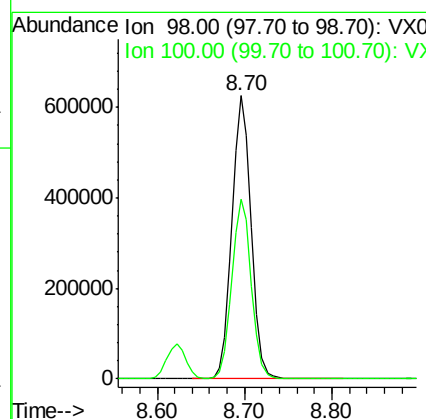
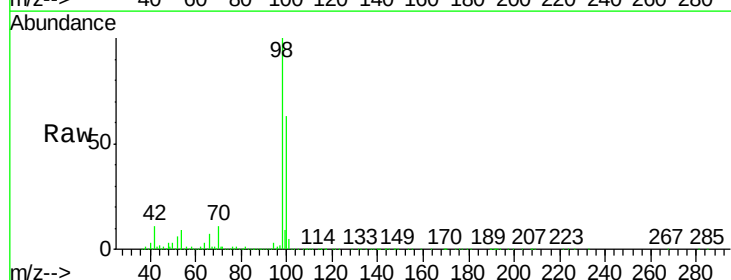
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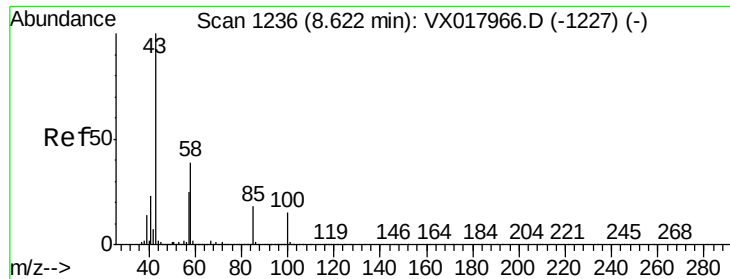
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#50
Toluene-d8
Concen: 45.336 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.2





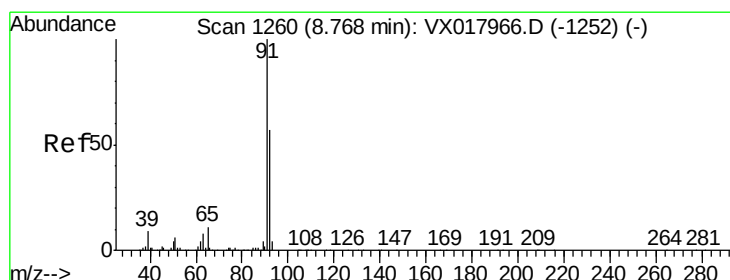
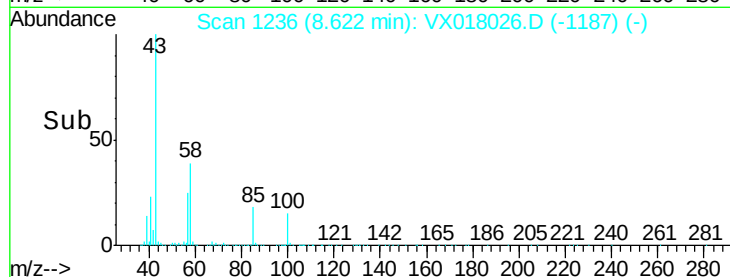
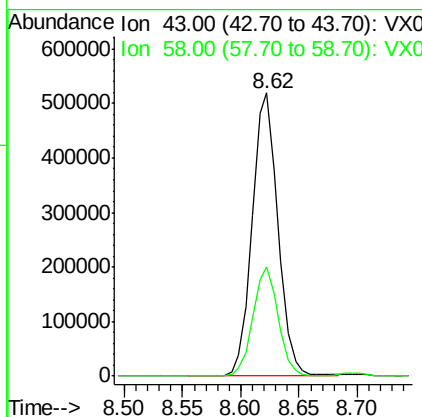
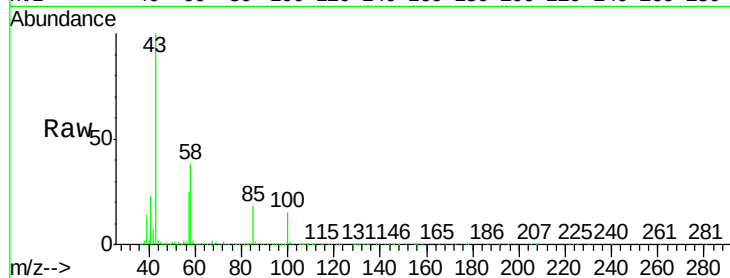
#51
4-Methyl-2-Pentanone
Concen: 92.081 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.8	31.0	46.4

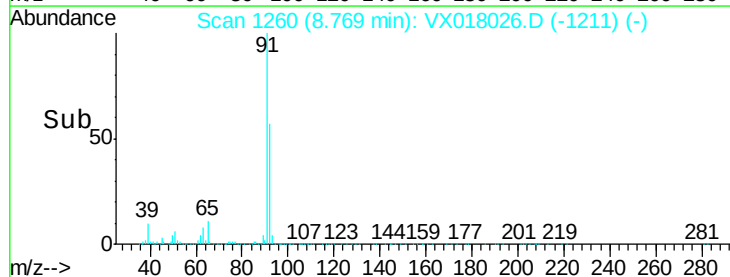
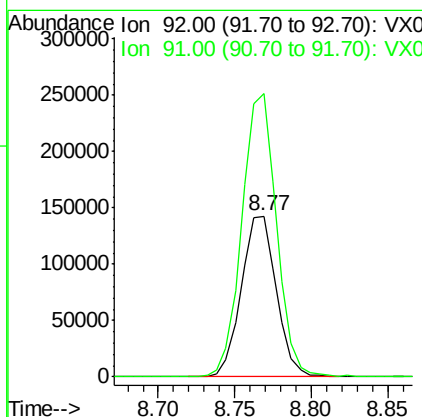
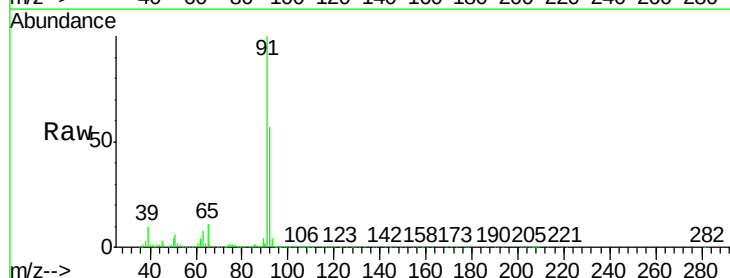
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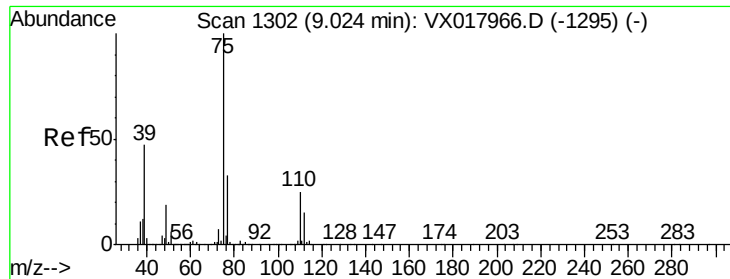
MMDadoda
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#52
Toluene
Concen: 17.305 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.1	138.4	207.6





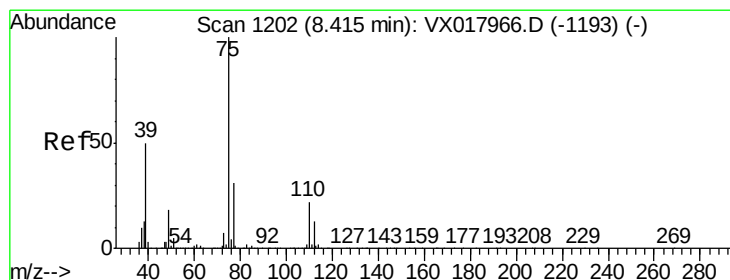
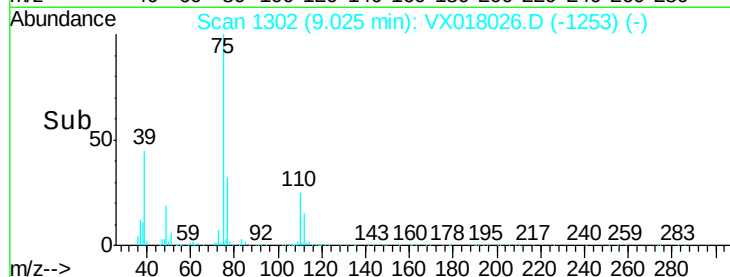
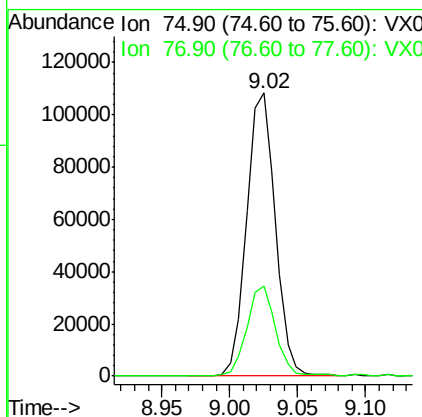
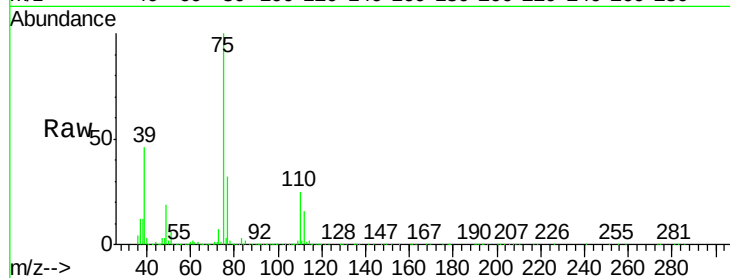
#53
t-1,3-Dichloropropene
Concen: 17.395 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampled :
VX0820WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.1	39.1

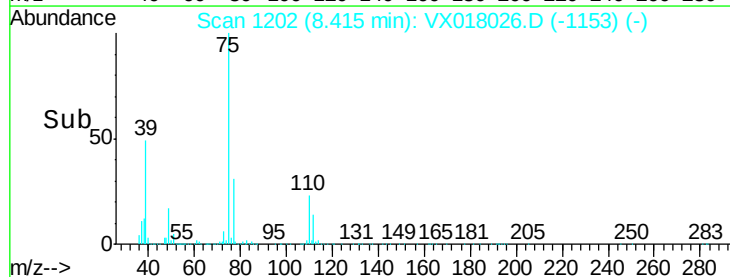
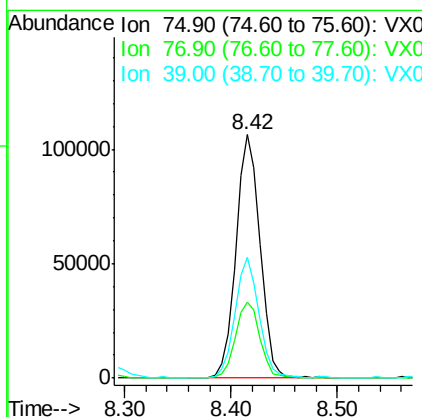
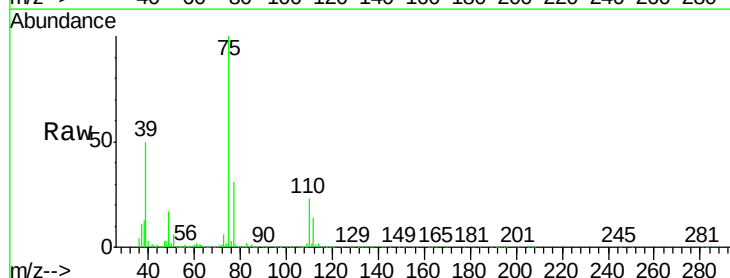
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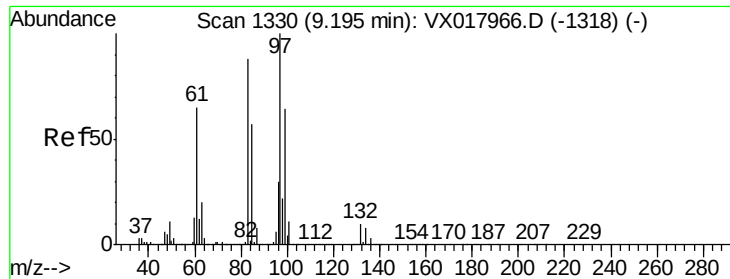
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#54
cis-1,3-Dichloropropene
Concen: 17.564 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.6	36.8
39	49.5	39.7	59.5





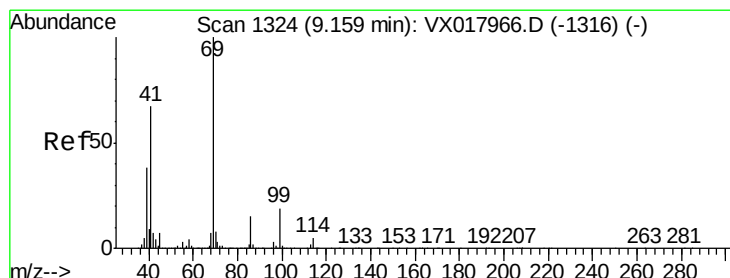
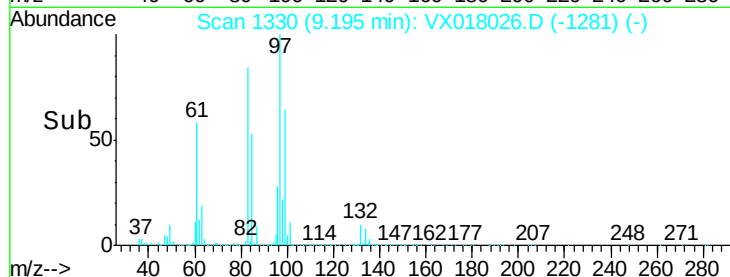
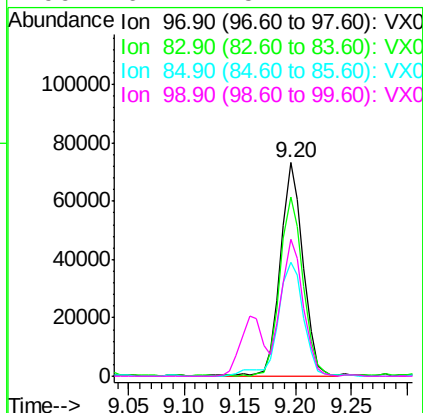
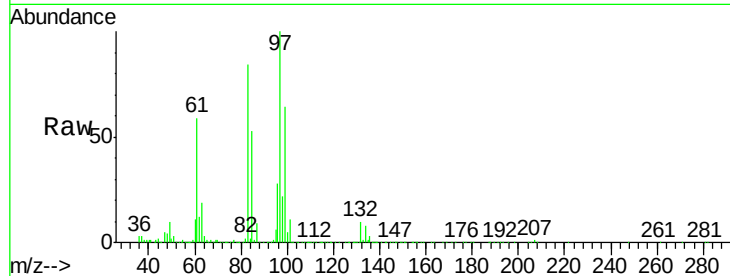
#55
 1,1,2-Trichloroethane
 Concen: 17.258 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Instrument :
 MSVOA_X
 ClientSampled :
 VX0820WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		104162		
83	83.4	70.1	105.1		
85	52.9	45.8	68.8		
99	64.1	51.4	77.2		

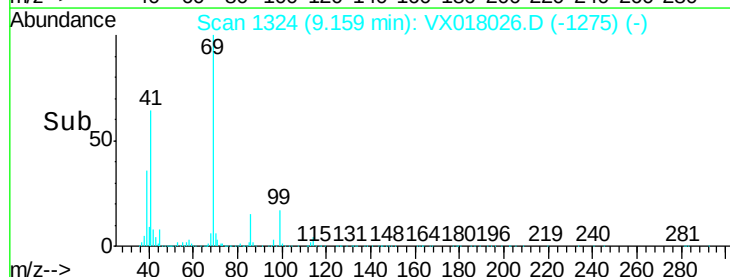
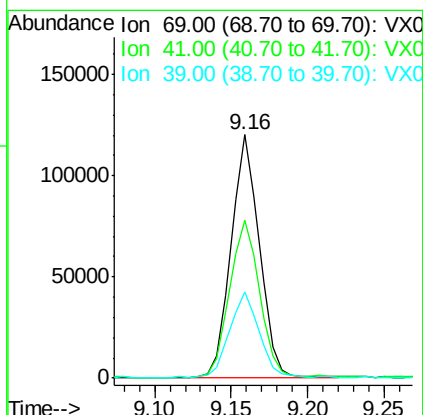
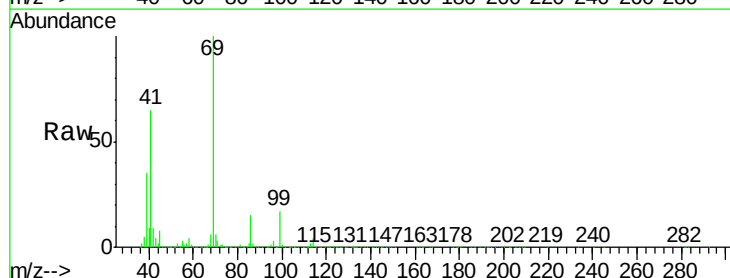
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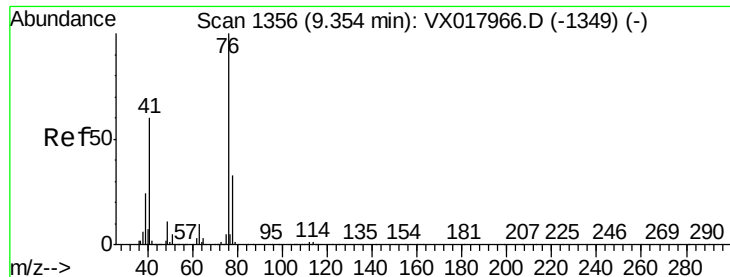
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#56
 Ethyl methacrylate
 Concen: 18.121 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		154636		
41	68.4	52.3	78.5		
39	36.6	29.2	43.8		





#57

1,3-Dichloropropane

Concen: 17.947 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

Tot Ion: 76 Resp: 172037

Ion Ratio Lower Upper

76 100

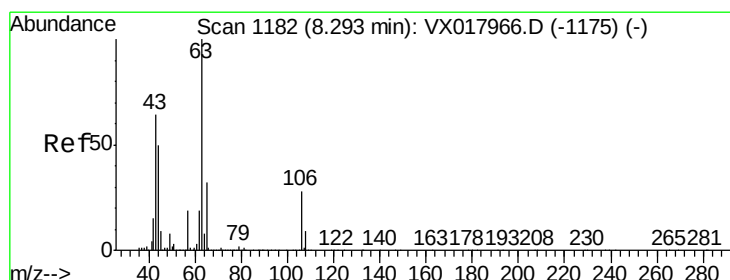
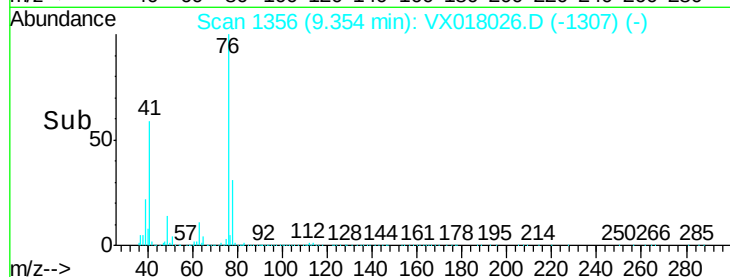
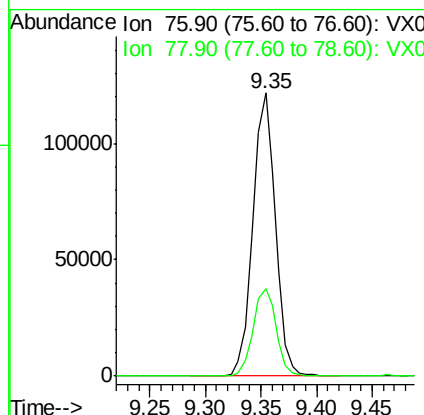
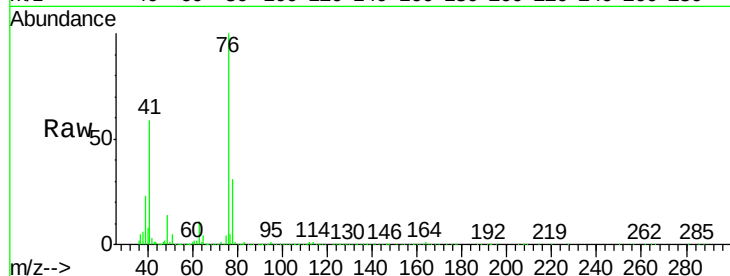
78 32.0 26.4 39.6

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#58

2-Chloroethyl Vinyl ether

Concen: 81.815 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018026.D

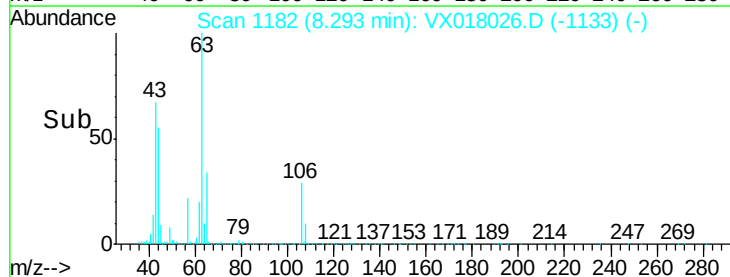
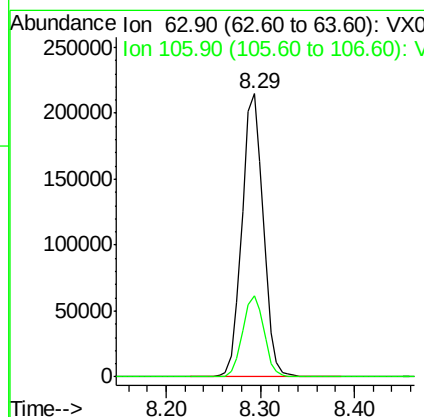
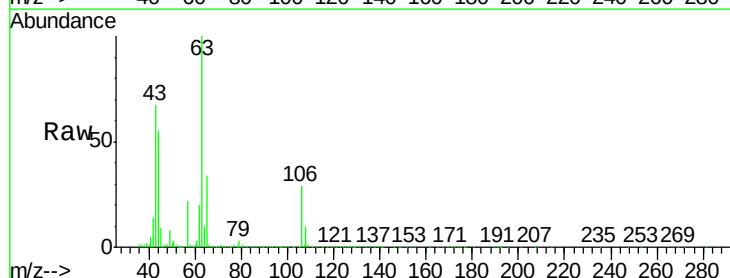
Acq: 20 Aug 2020 11:45

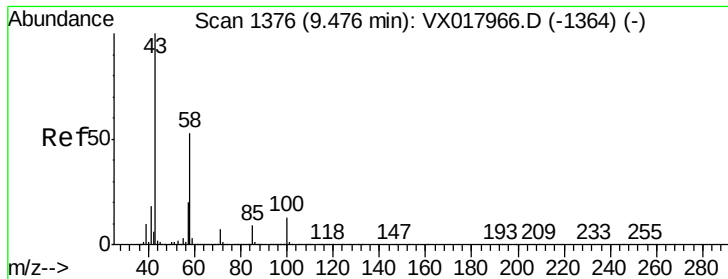
Tgt Ion: 63 Resp: 338098

Ion Ratio Lower Upper

63 100

106 29.1 23.0 34.4





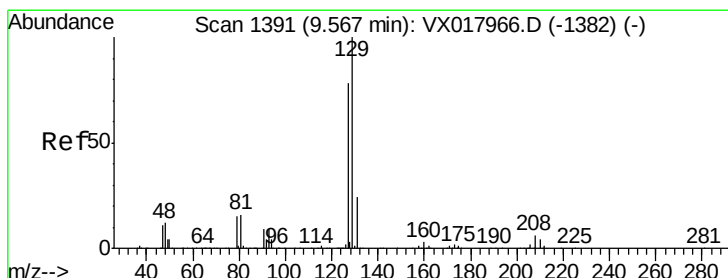
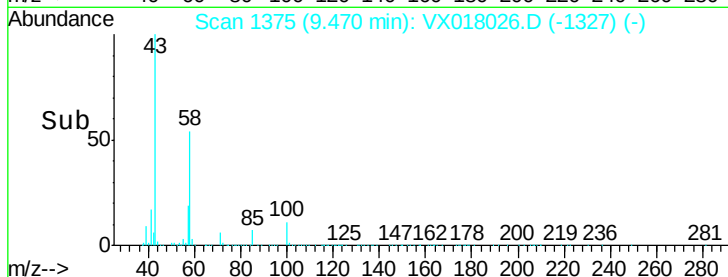
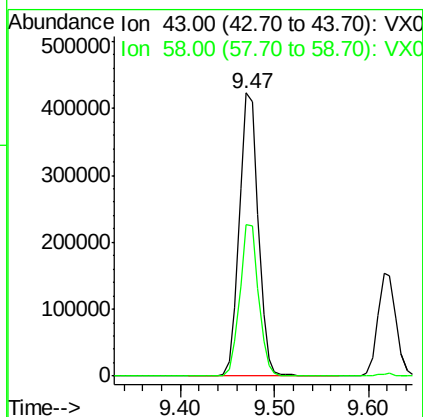
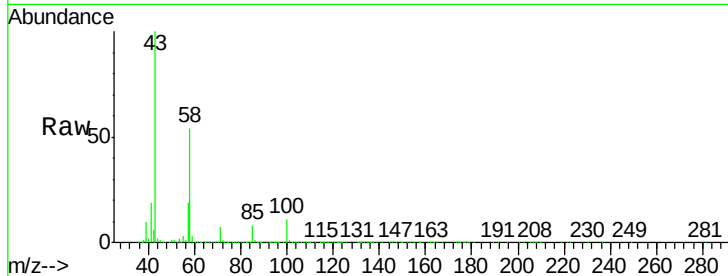
#59
2-Hexanone
Concen: 90.326 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.1	26.4	79.0

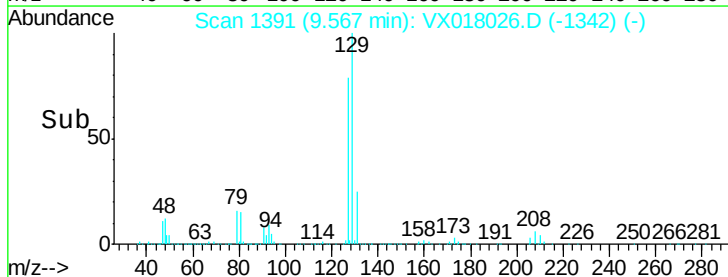
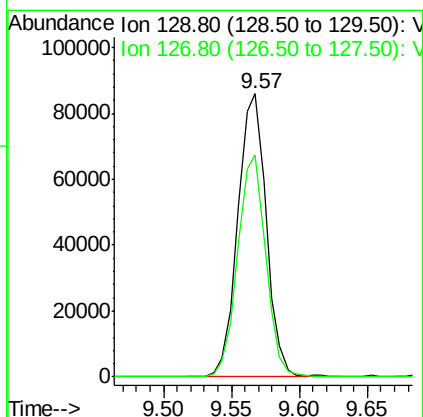
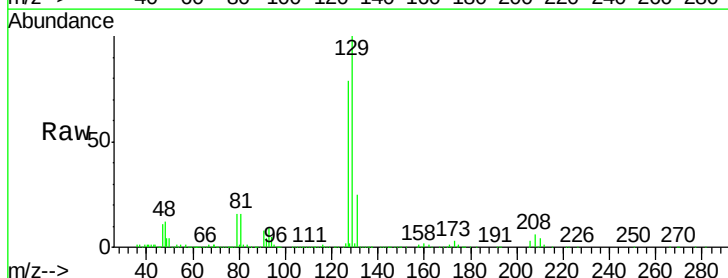
Manual Integrations
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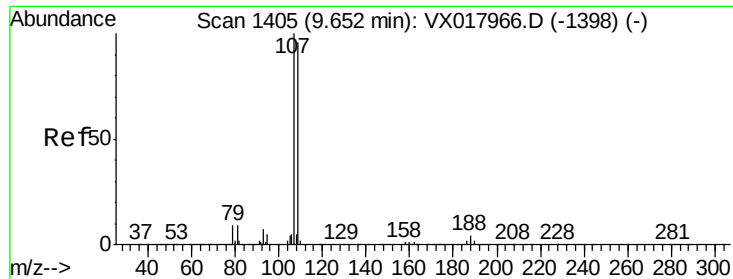
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8/21/2020 10:50:58 AM



#60
Dibromochloromethane
Concen: 16.553 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.5	118.3





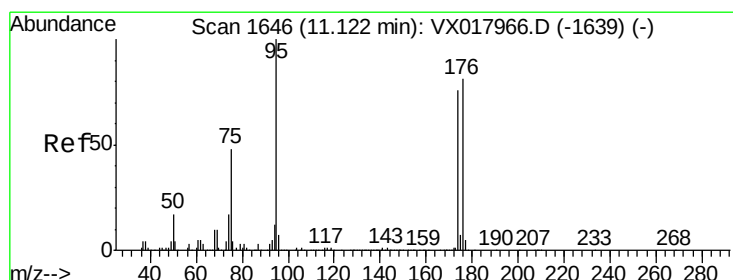
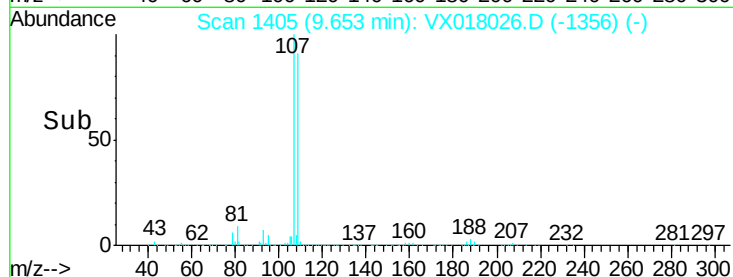
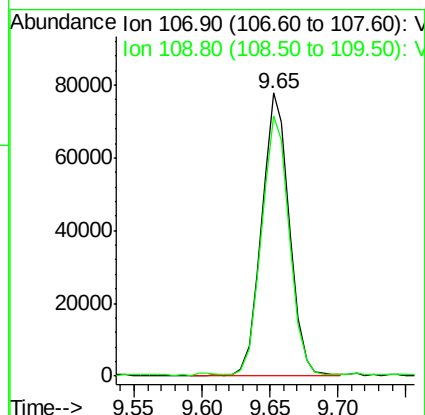
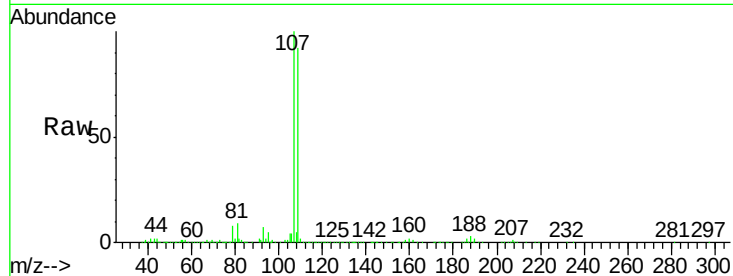
#61
 1,2-Dibromoethane
 Concen: 16.553 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	110662		
109	91.8	75.5	113.3	

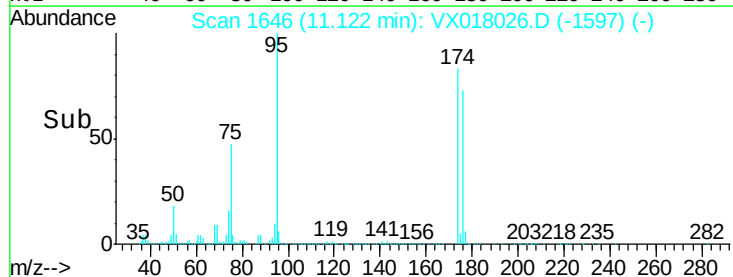
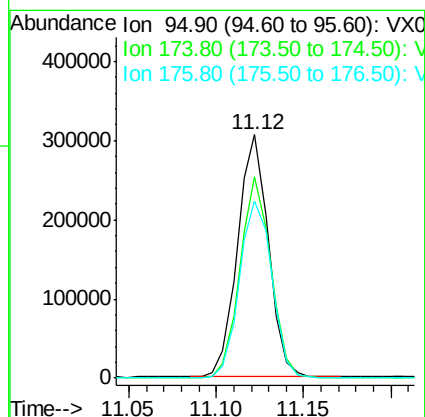
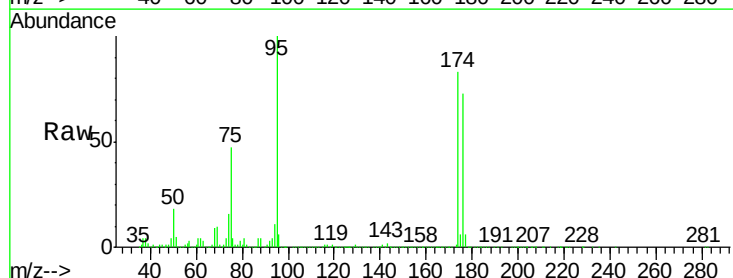
Manual Integrations
 APPROVED

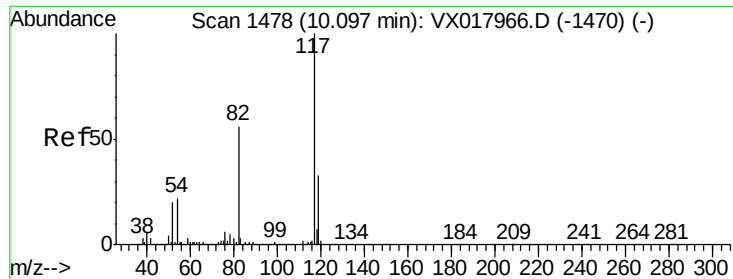
MMDadoda
 8/21/2020 10:50:58 AM



#62
 4-Bromofluorobenzene
 Concen: 48.398 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	374805		
174	83.0	0.0	166.0	
176	77.0	0.0	161.0	





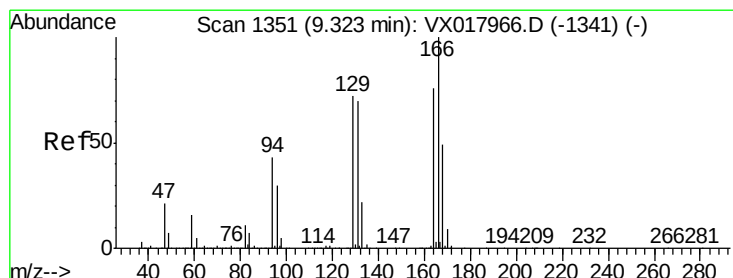
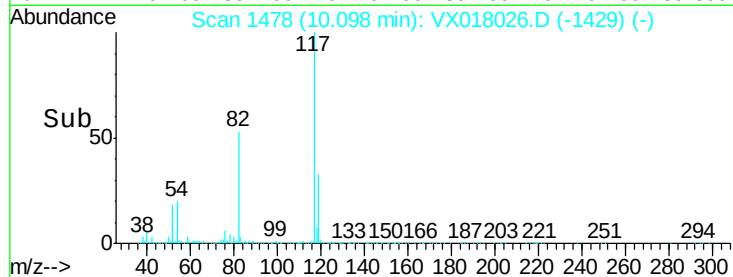
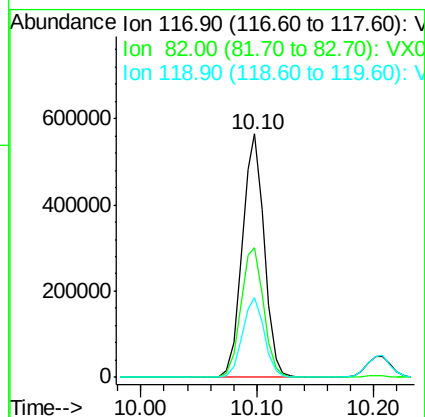
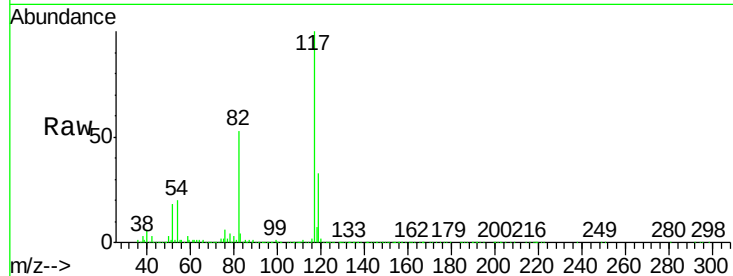
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	740411		
82	53.3	44.6	66.8	
119	32.7	26.2	39.4	

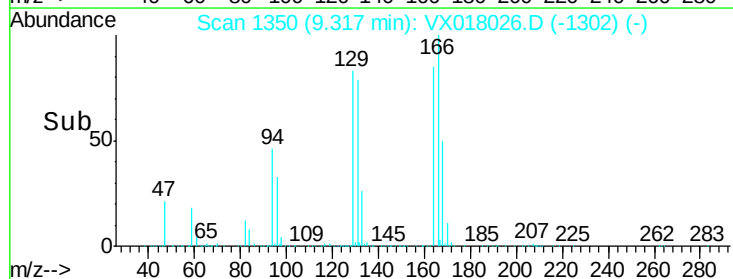
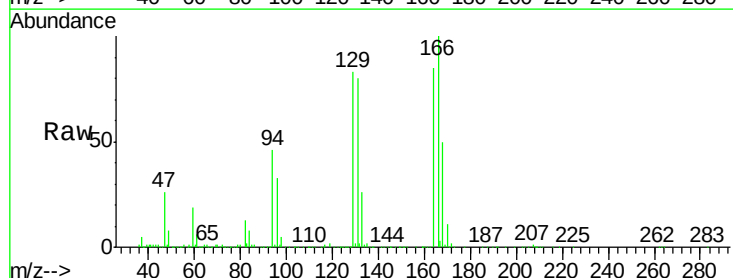
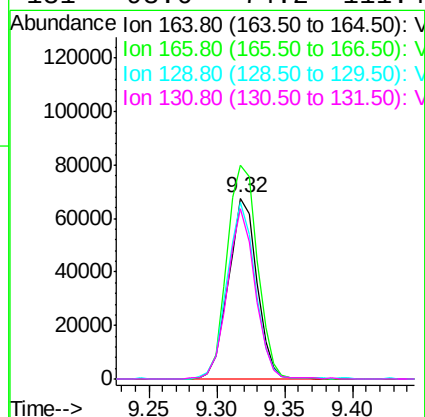
Manual Integrations
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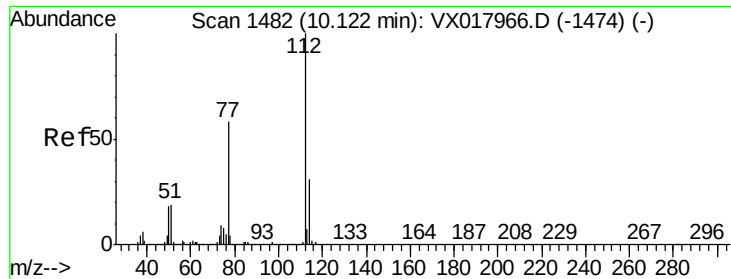
MMDadoda
8/21/2020 10:50:58 AM



#64
Tetrachloroethene
Concen: 17.463 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	98742		
166	118.0	105.7	158.5	
129	97.4	75.8	113.8	
131	93.6	74.2	111.4	





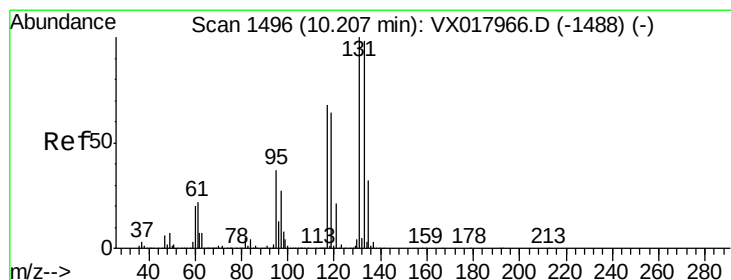
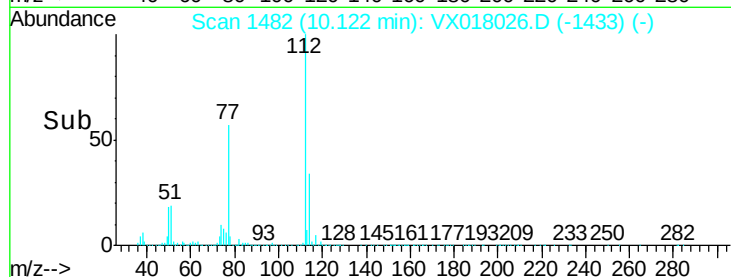
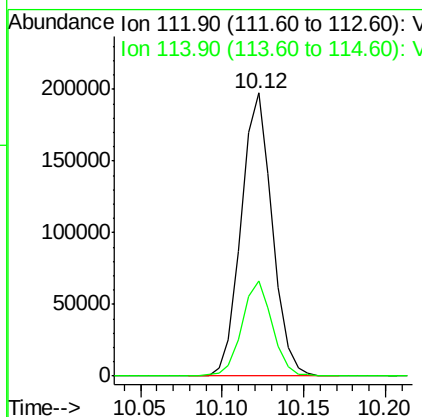
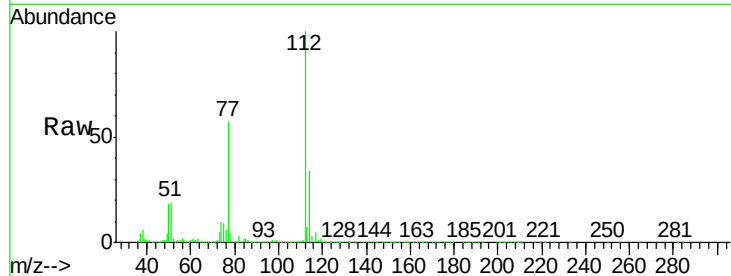
#65
Chlorobenzene
Concen: 17.913 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.5	25.0	37.6

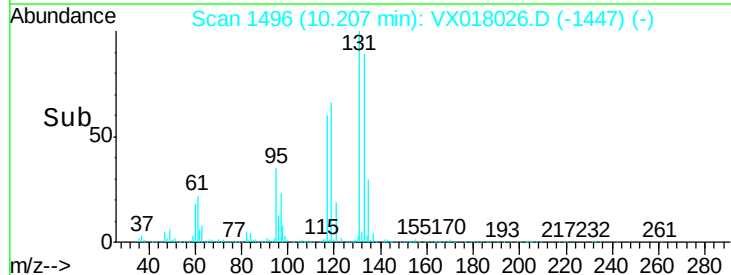
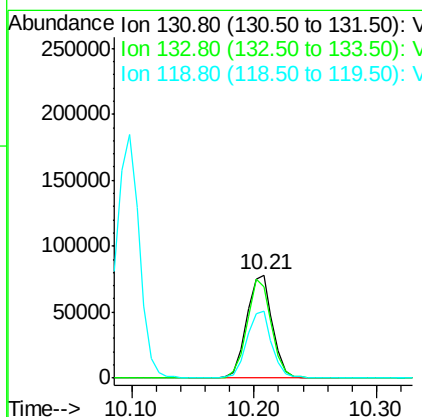
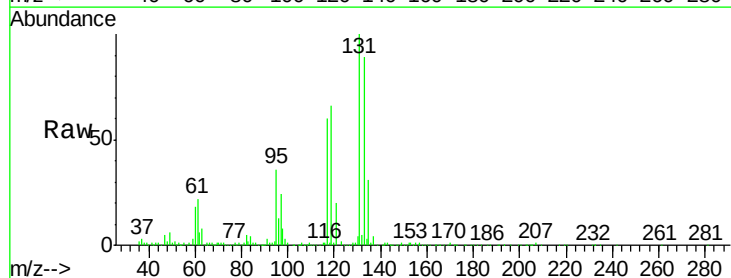
Manual Integrations
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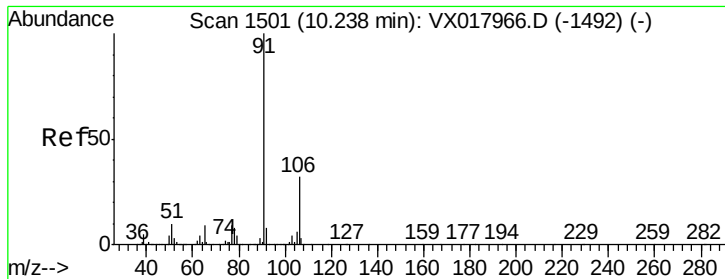
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.197 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	90.7	48.4	145.3
119	62.2	31.6	94.8





#67

Ethyl Benzene

Concen: 18.495 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

Tot Ion: 91 Resp: 448113

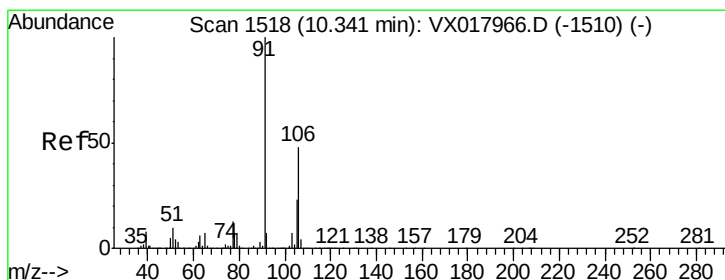
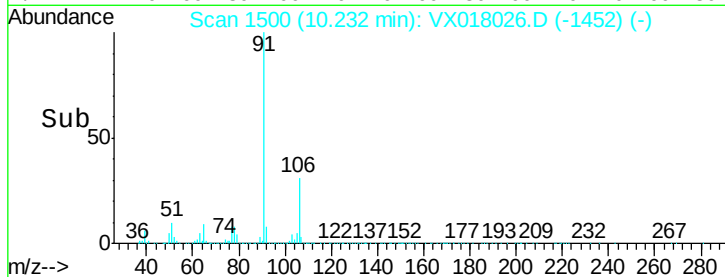
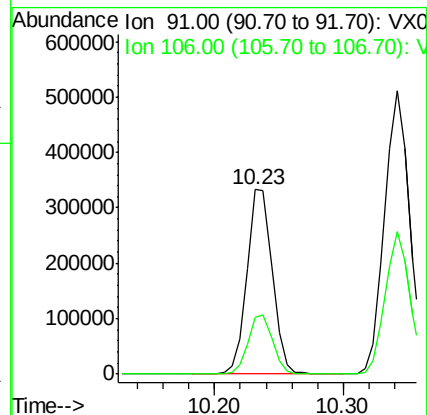
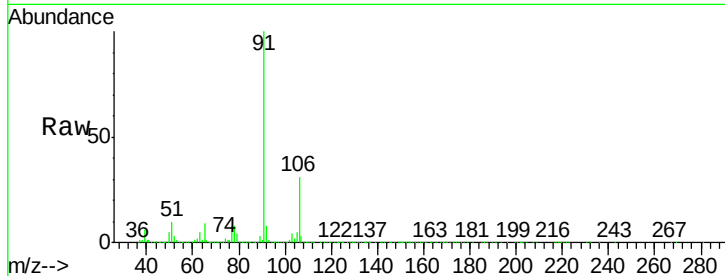
Ion Ratio Lower Upper

91 100

106 30.7 25.4 38.0

Manual Integrations
APPROVED

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8/21/2020 10:50:58 AM



#68

m/p-Xylenes

Concen: 36.295 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018026.D

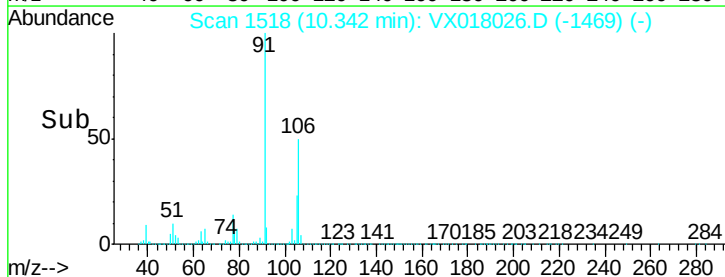
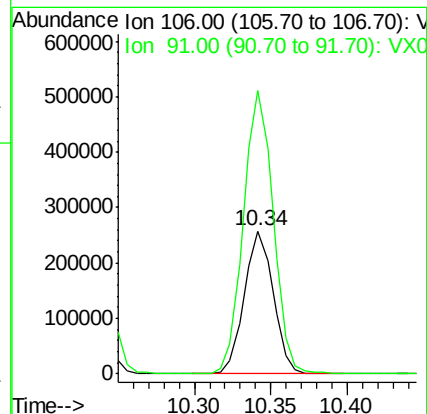
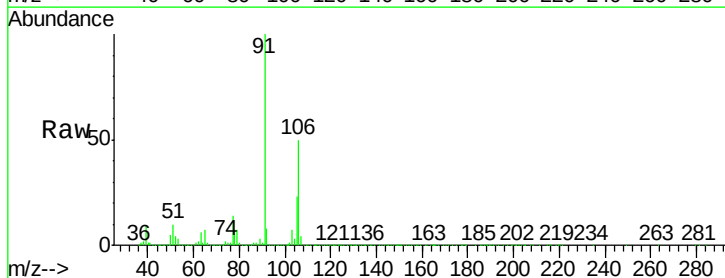
Acq: 20 Aug 2020 11:45

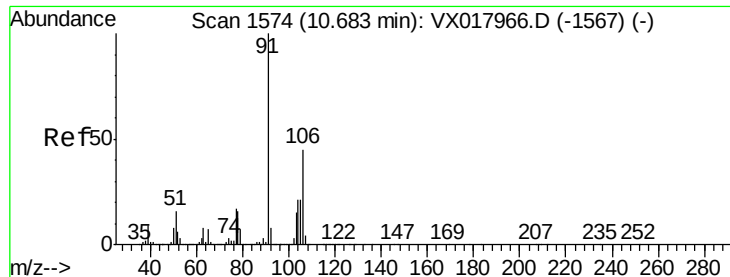
Tgt Ion: 106 Resp: 338545

Ion Ratio Lower Upper

106 100

91 202.9 167.4 251.2





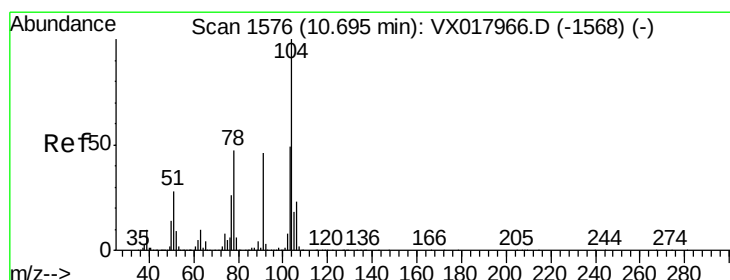
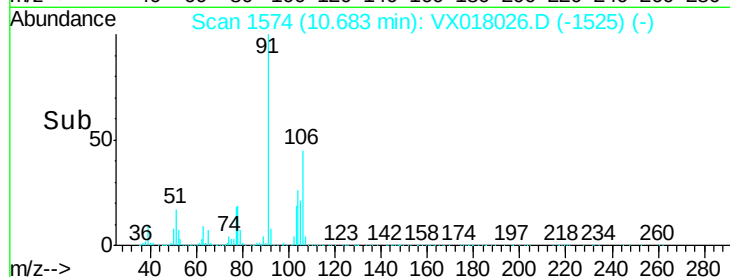
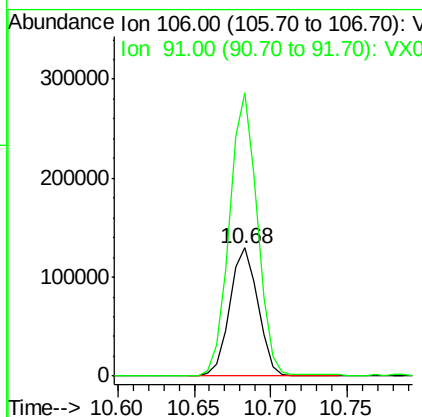
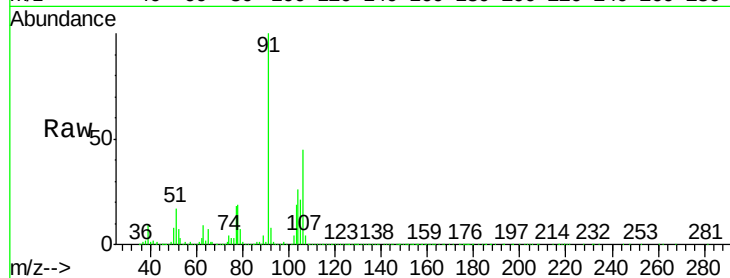
#69
o-Xylene
Concen: 18.293 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		164537		
91	218.0	108.1	324.2		

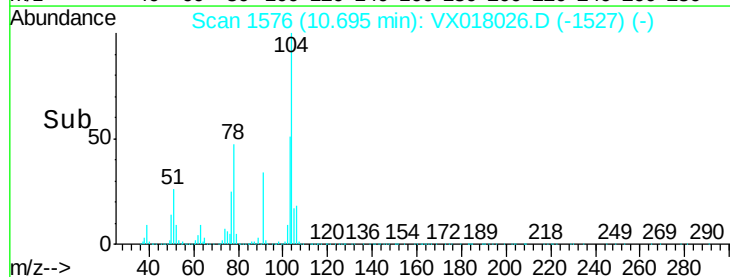
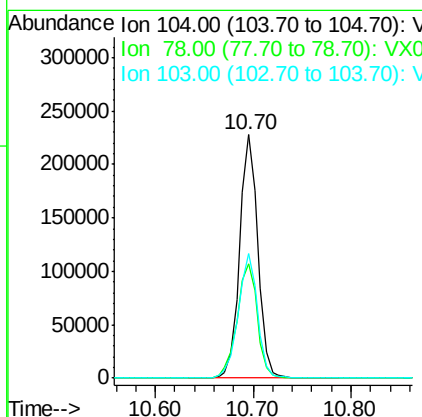
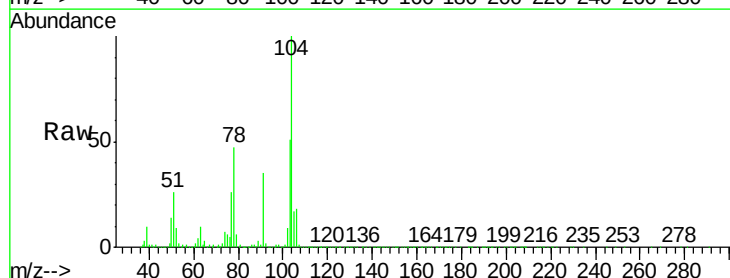
Manual Integrations
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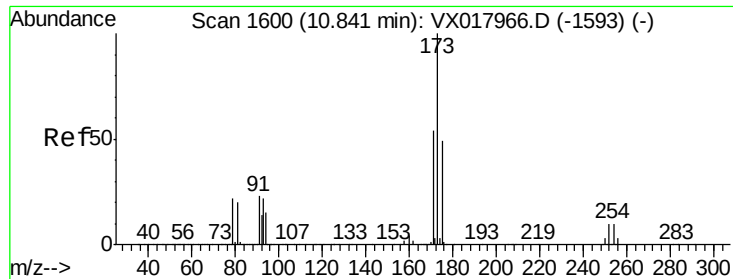
MMDadoda
8/21/2020 10:50:58 AM



#70
Styrene
Concen: 18.855 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		292592		
78	52.2	41.3	61.9		
103	54.5	42.9	64.3		





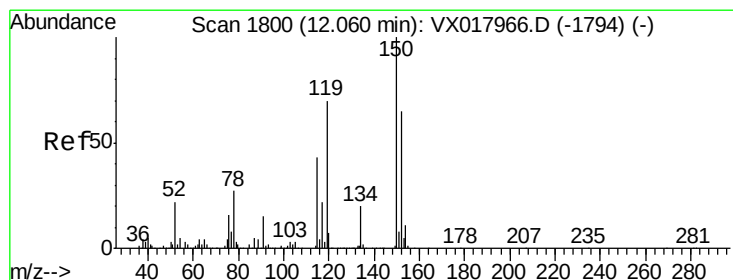
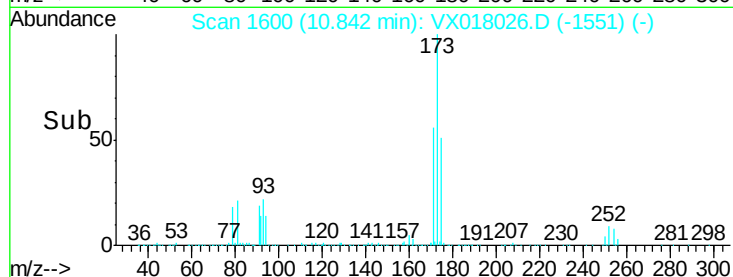
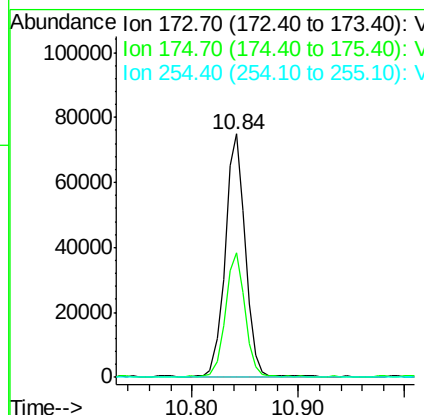
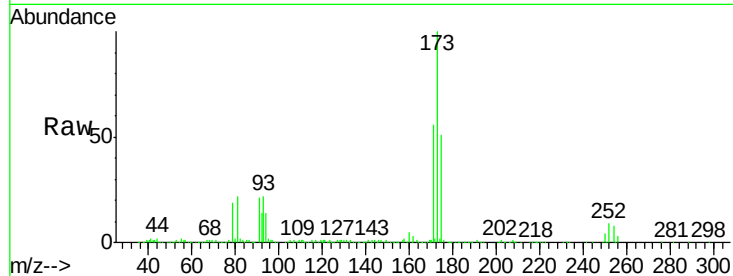
#71
Bromoform
Concen: 17.705 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.4	73.2
254	0.2	0.2	0.2

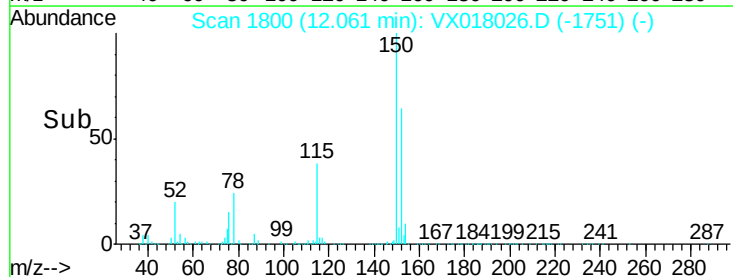
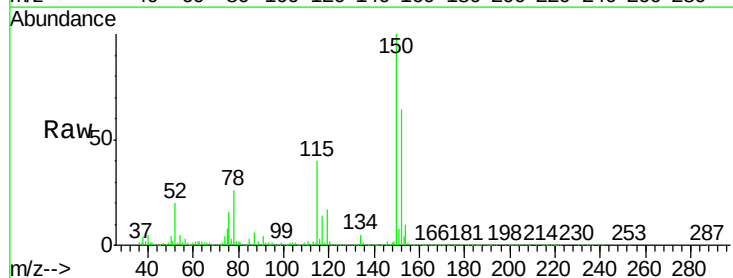
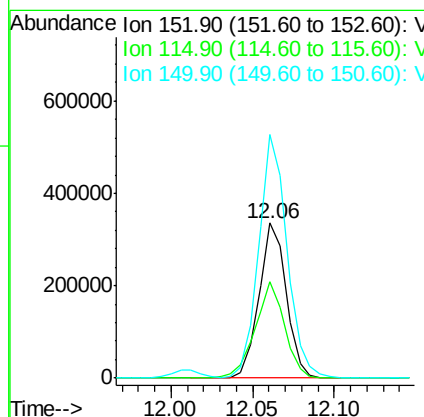
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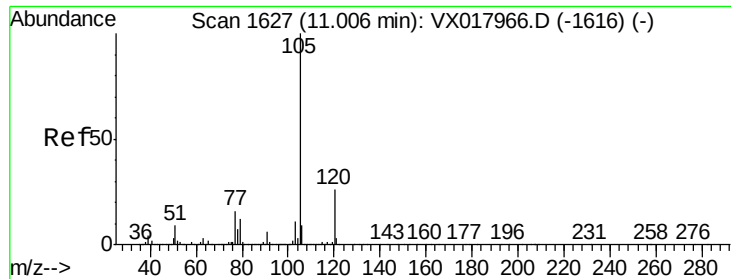
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.4	40.6	121.7
150	163.5	0.0	346.4





#73

Isopropylbenzene

Concen: 17.757 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

Tot Ion: 105 Resp: 446838

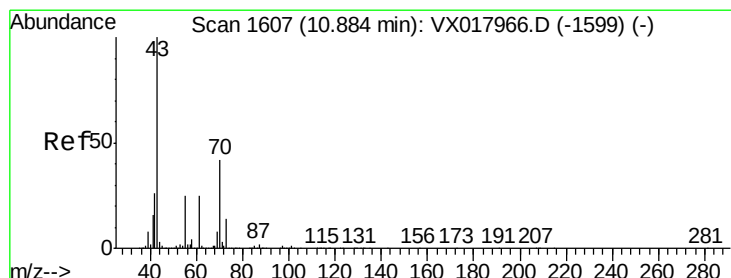
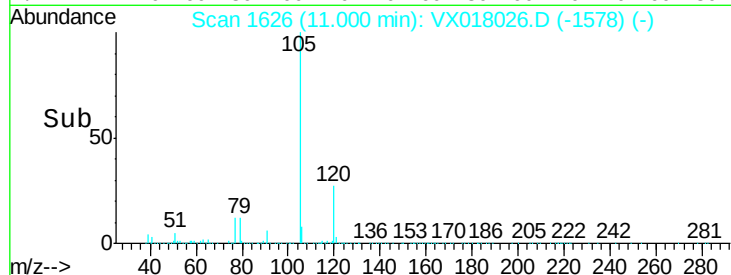
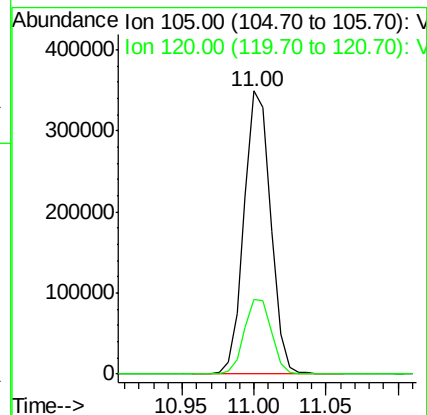
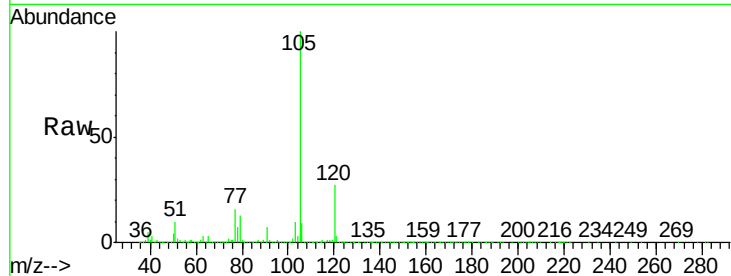
Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.902 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Tgt Ion: 43 Resp: 211567

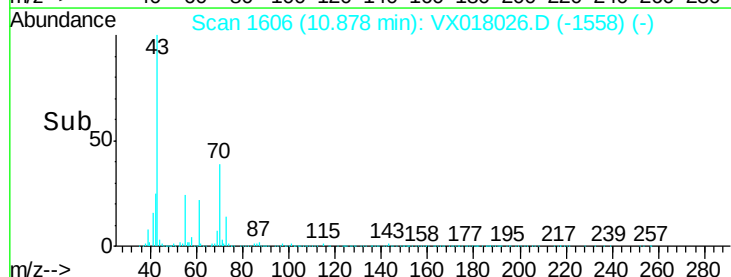
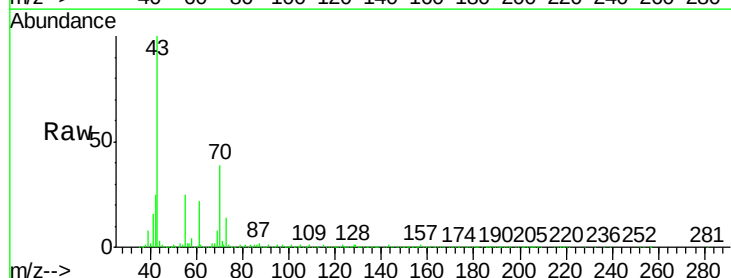
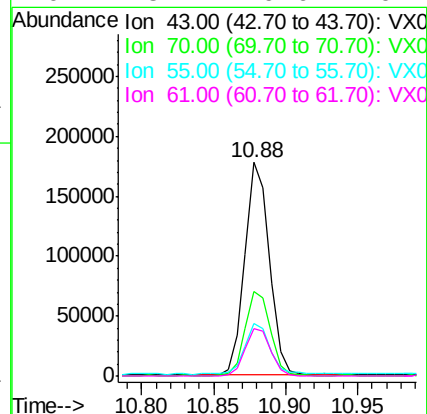
Ion Ratio Lower Upper

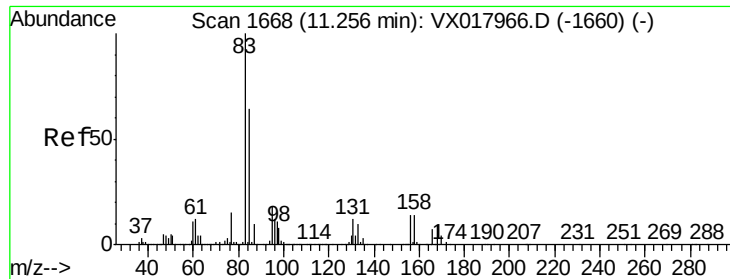
43 100

70 40.3 32.9 49.3

55 24.8 19.3 28.9

61 23.4 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.620 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

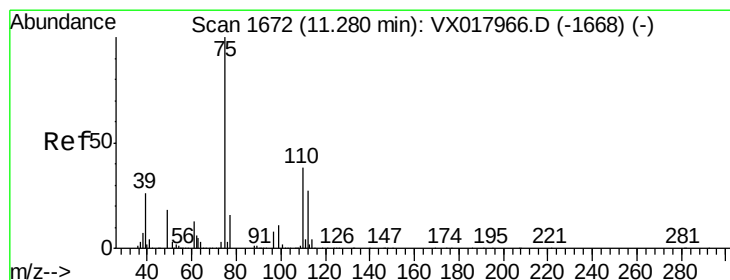
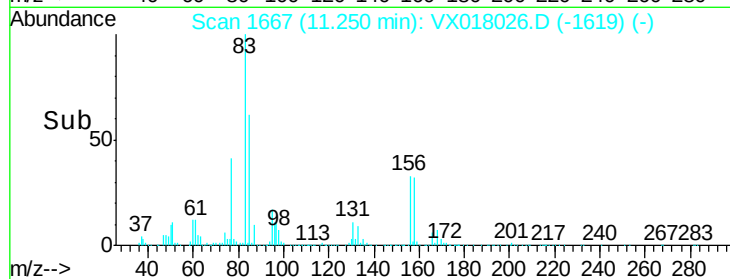
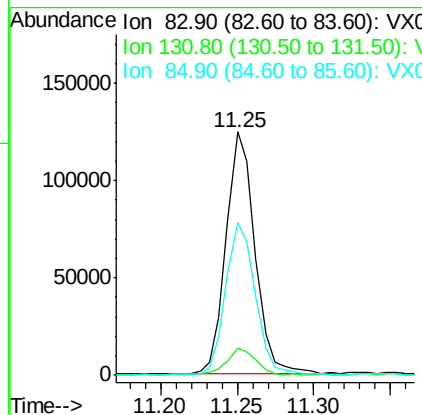
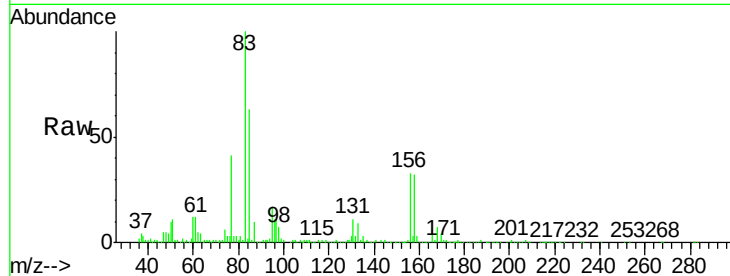
ClientSampleId :

VX0820WBS01

Tot Ion:	83	Resp:	163453
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.0
85	64.6	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.500 ug/l m

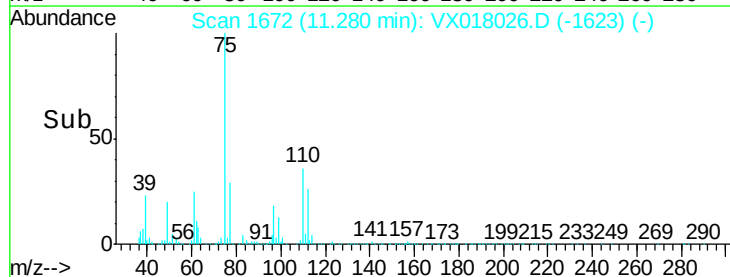
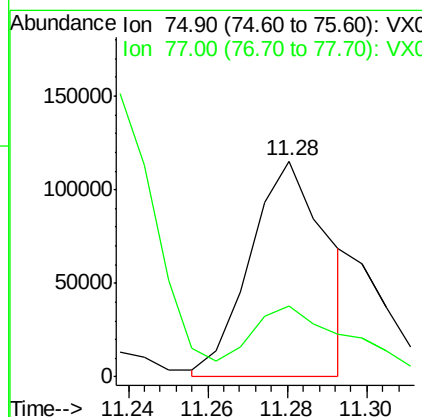
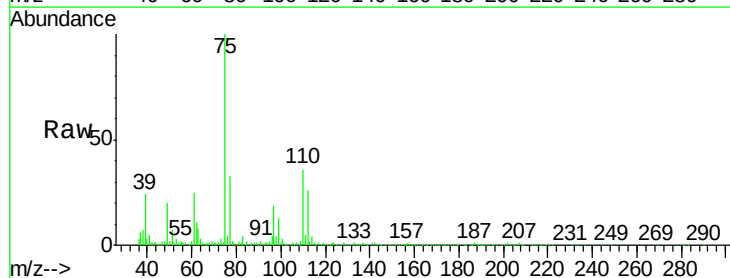
RT: 11.28 min Scan# 1672

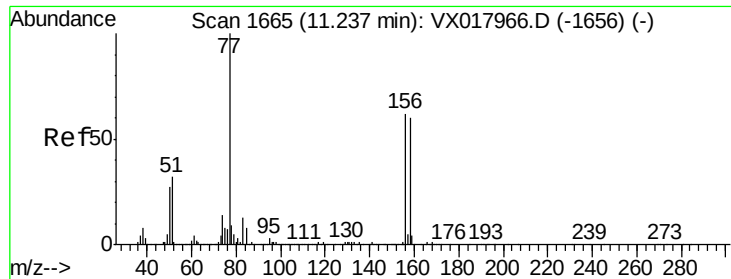
Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Tgt Ion:	75	Resp:	153812
Ion Ratio	Lower	Upper	
75	100		
77	41.3	21.1	63.1





#77

Bromobenzene

Concen: 17.900 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

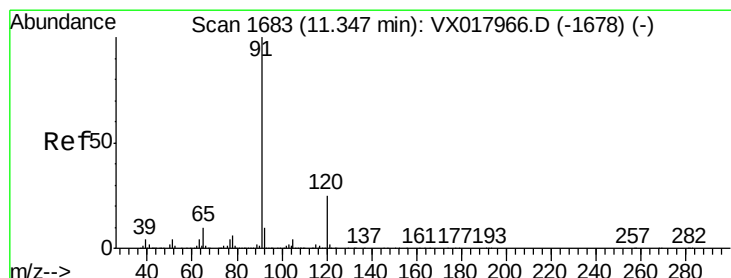
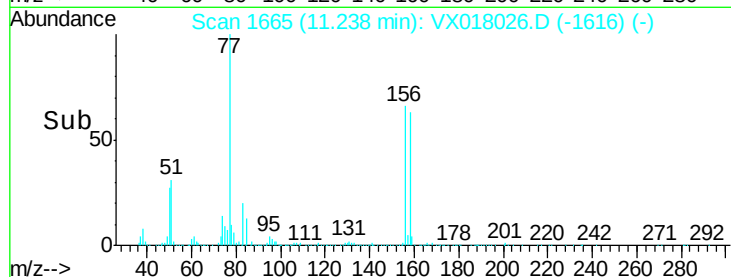
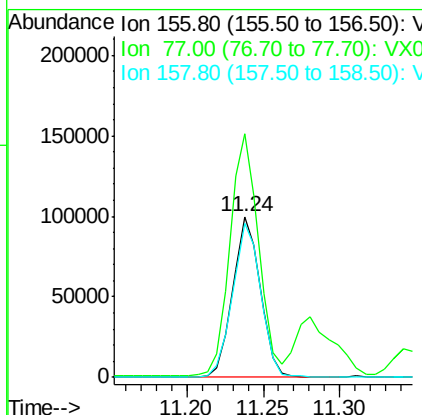
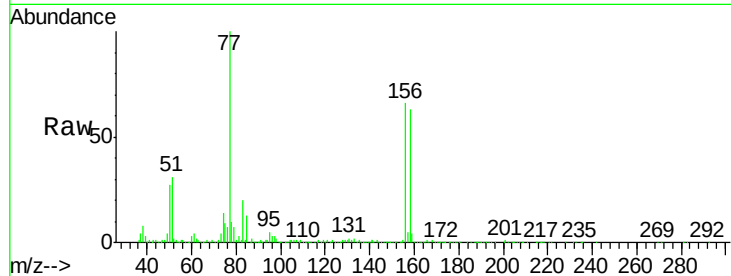
ClientSampleId :

VX0820WBS01

Tot Ion:	156	Resp:	124971
Ion Ratio	Lower	Upper	
156	100		
77	155.6	78.0	234.0
158	97.2	49.2	147.6

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#78

n-propylbenzene

Concen: 17.338 ug/l

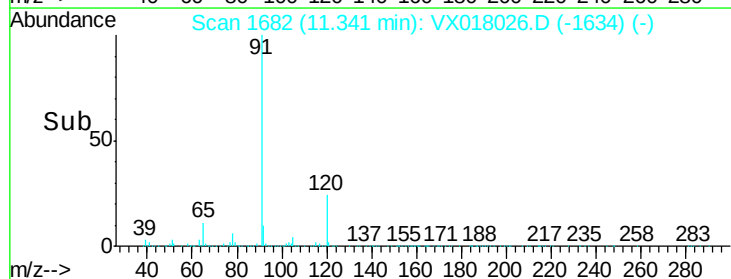
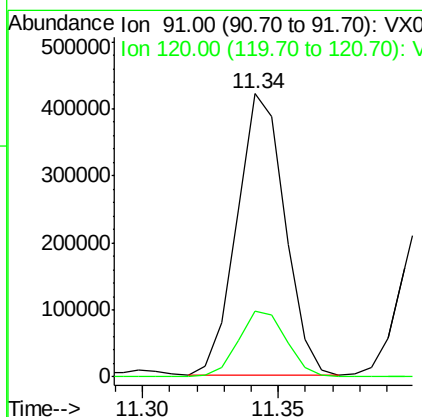
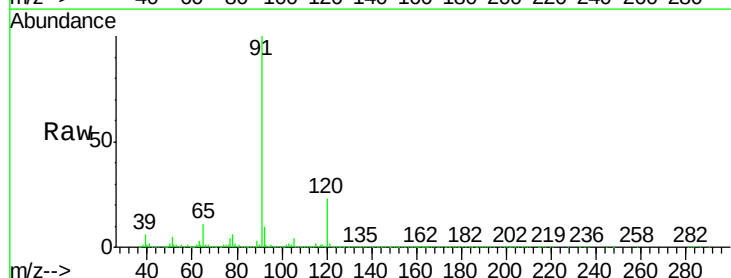
RT: 11.34 min Scan# 1682

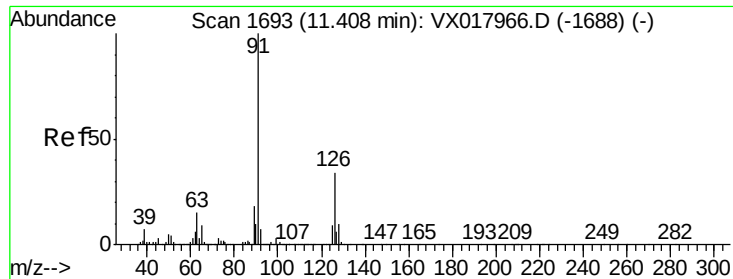
Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Tgt Ion:	91	Resp:	510296
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.0	36.1





#79

2-Chlorotoluene

Concen: 17.890 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

Tot Ion: 91 Resp: 320900

Ion Ratio Lower Upper

91 100

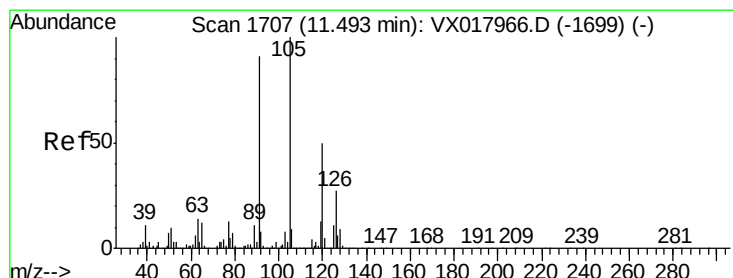
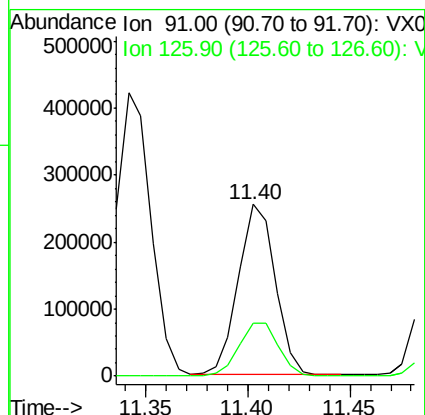
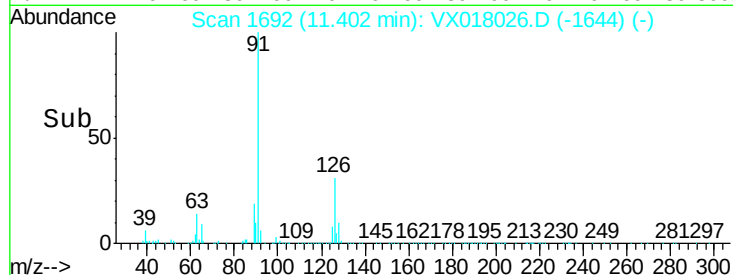
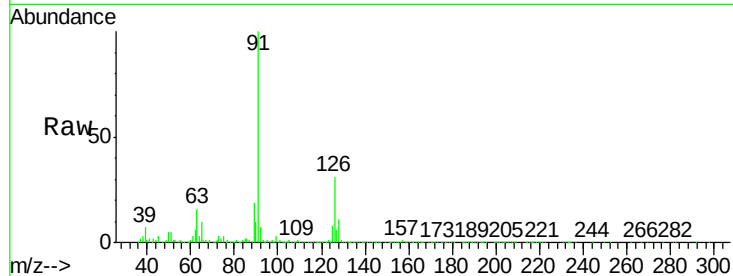
126 33.5 17.1 51.2

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#80

1,3,5-Trimethylbenzene

Concen: 17.459 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018026.D

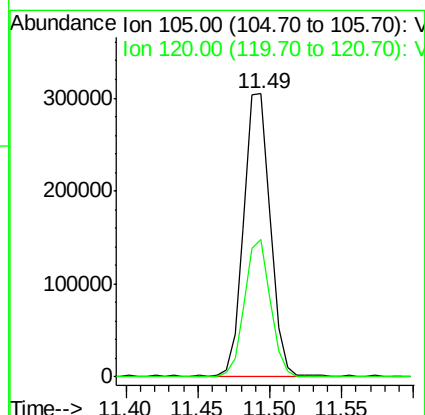
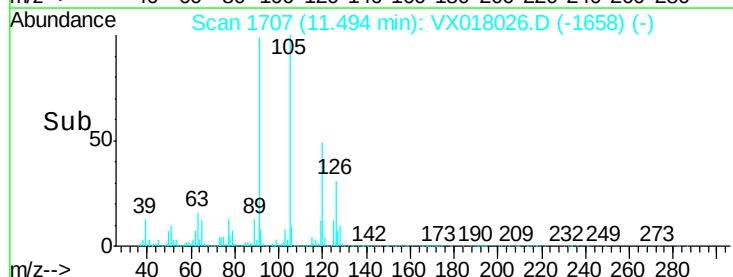
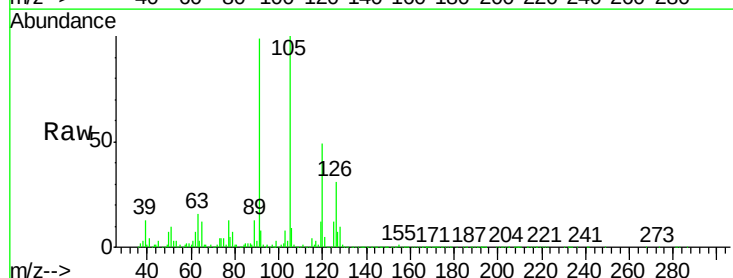
Acq: 20 Aug 2020 11:45

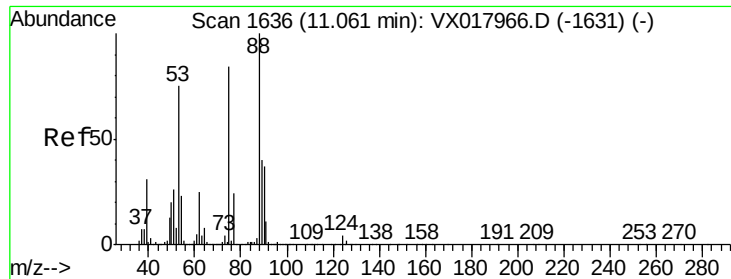
Tgt Ion: 105 Resp: 385659

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.557 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

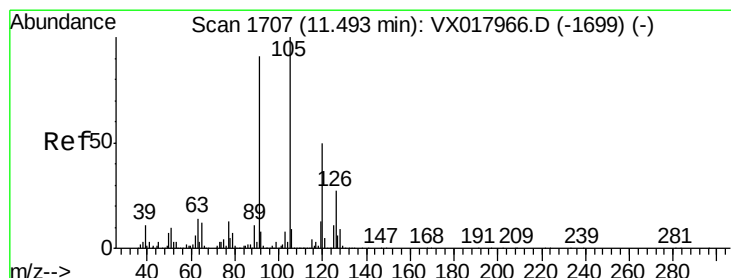
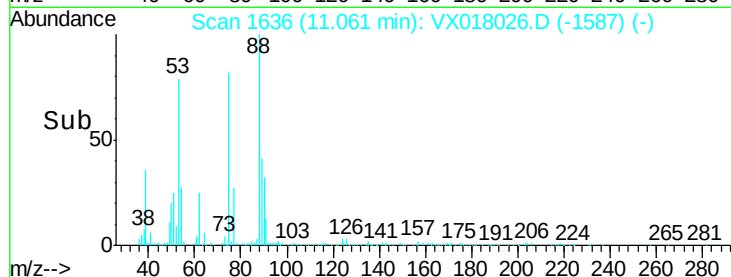
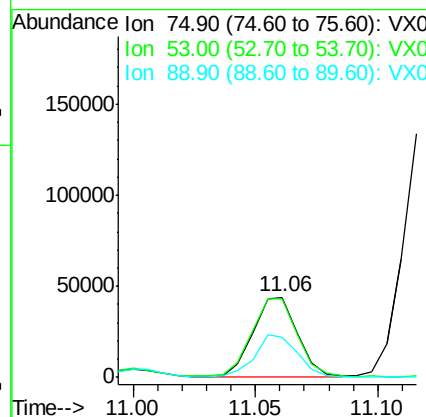
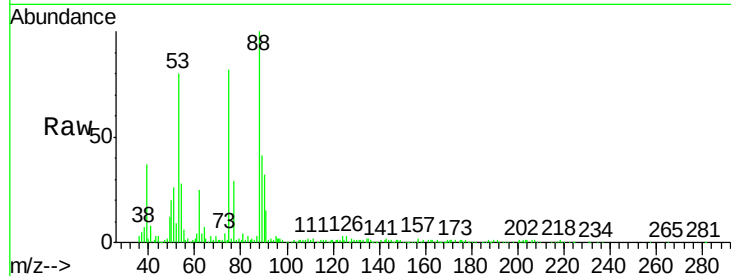
ClientSampleId :

VX0820WBS01

Tot Ion:	75	Resp:	55565
Ion Ratio	Lower	Upper	
75	100		
53	99.3	75.2	112.8
89	52.2	38.4	57.6

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#82

4-Chlorotoluene

Concen: 17.955 ug/l

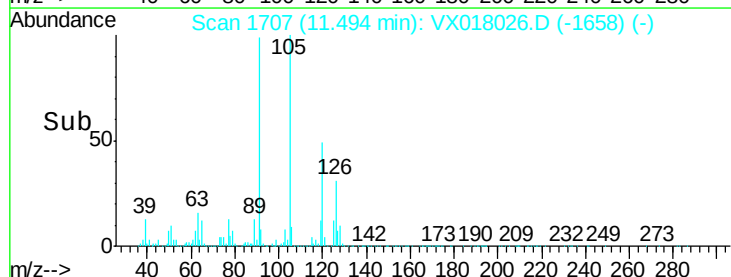
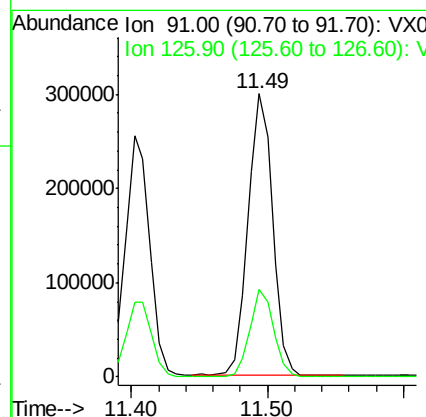
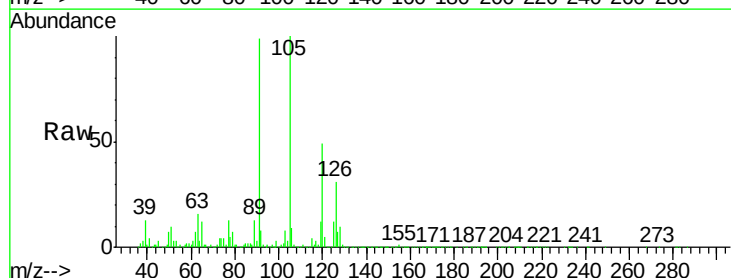
RT: 11.49 min Scan# 1707

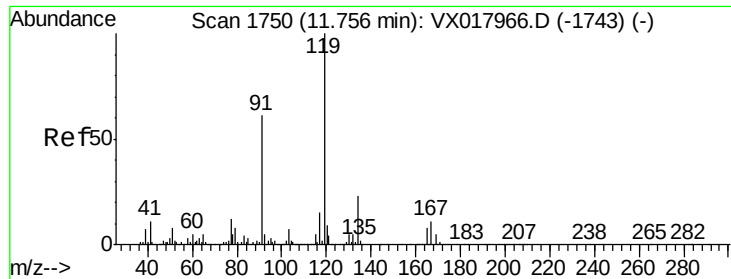
Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Tgt Ion:	91	Resp:	378727
Ion Ratio	Lower	Upper	
91	100		
126	30.3	15.0	45.0





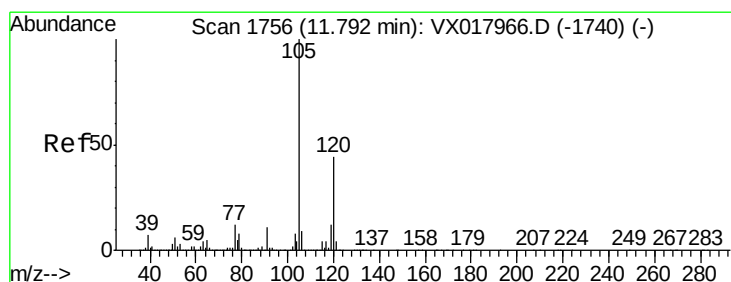
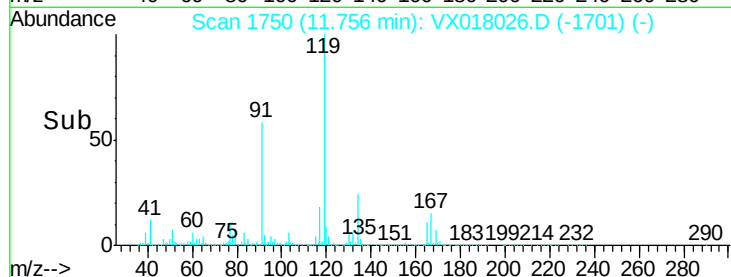
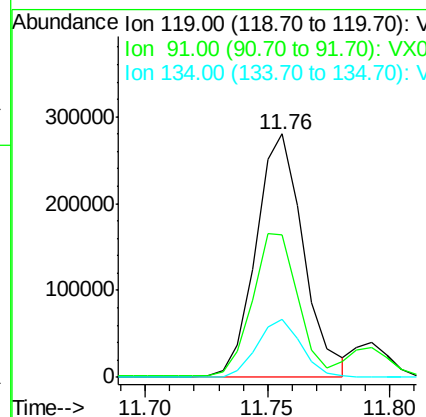
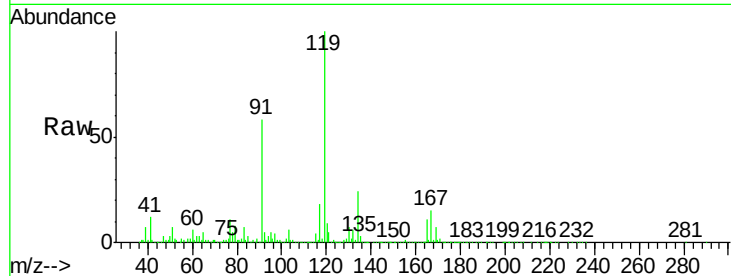
#83
tert-Butylbenzene
Concen: 18.115 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	377875		
91	56.1	30.1	90.5	
134	22.4	11.1	33.1	

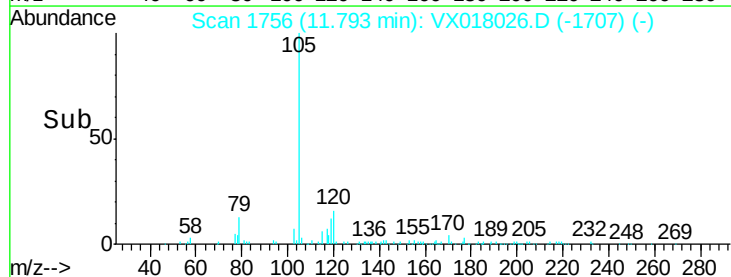
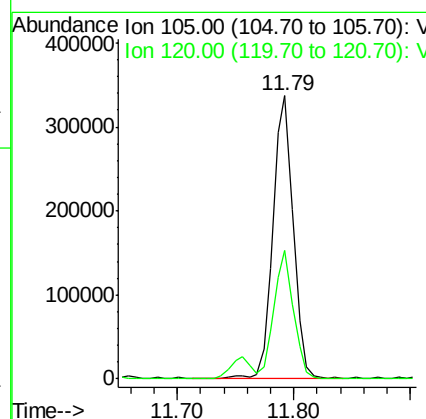
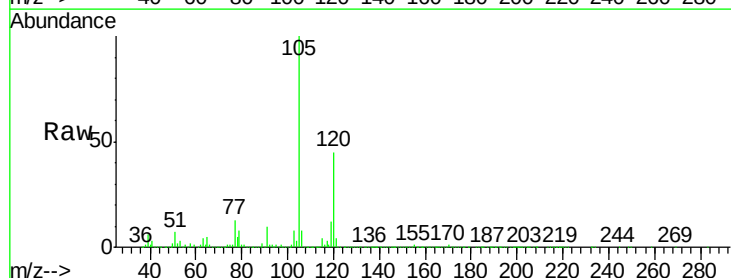
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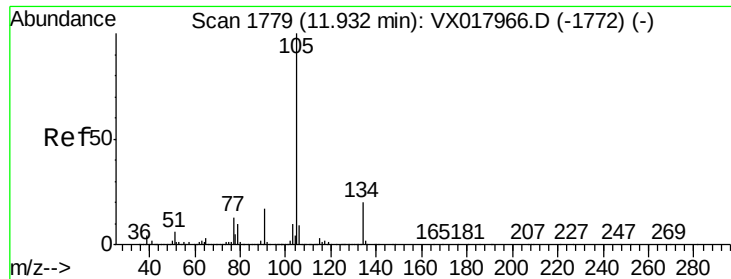
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#84
1,2,4-Trimethylbenzene
Concen: 17.475 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	399605		
120	43.7	22.1	66.1	





#85

sec-Butylbenzene

Concen: 16.721 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

Tot Ion:105 Resp: 421064

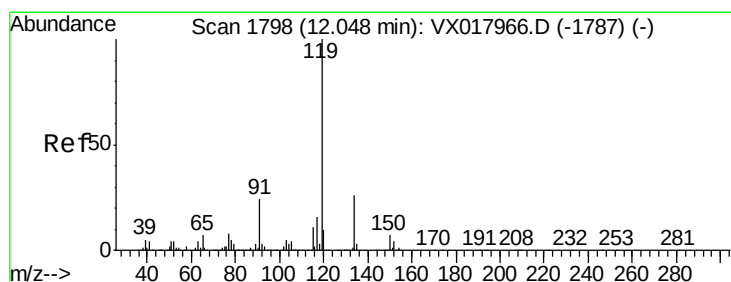
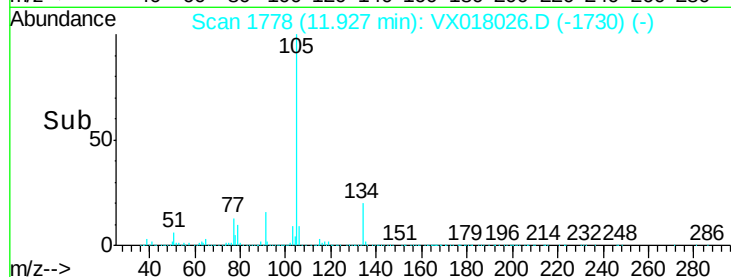
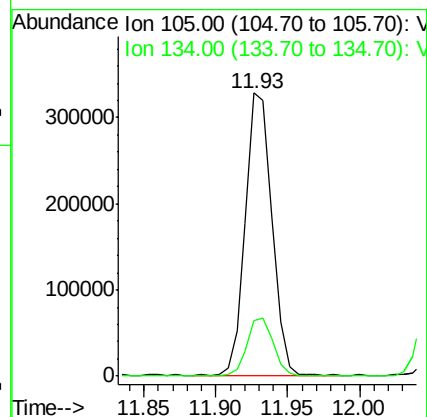
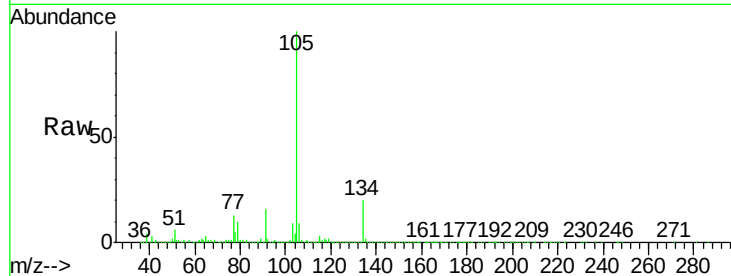
Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 16.463 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

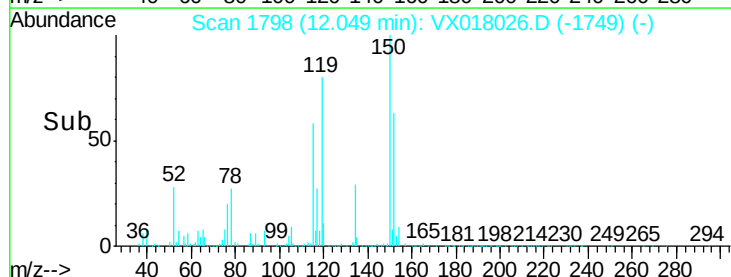
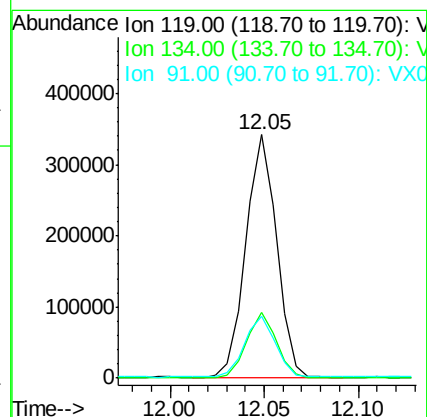
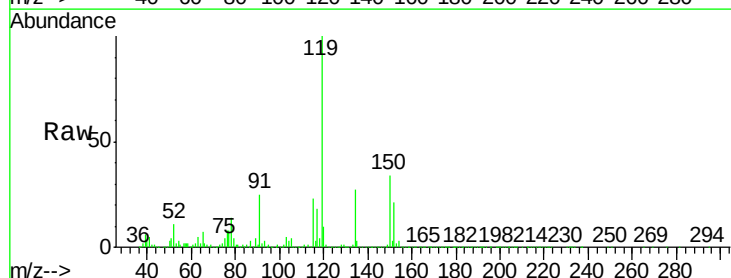
Tgt Ion:119 Resp: 385630

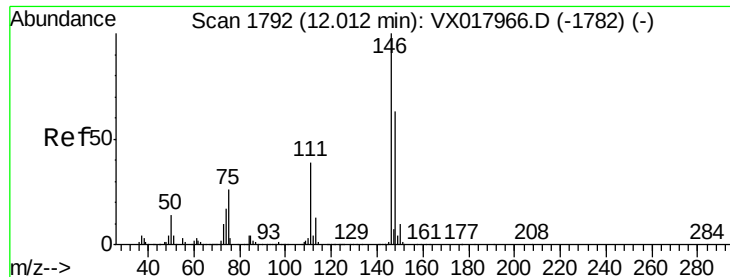
Ion Ratio Lower Upper

119 100

134 26.2 12.7 38.0

91 25.2 12.2 36.4





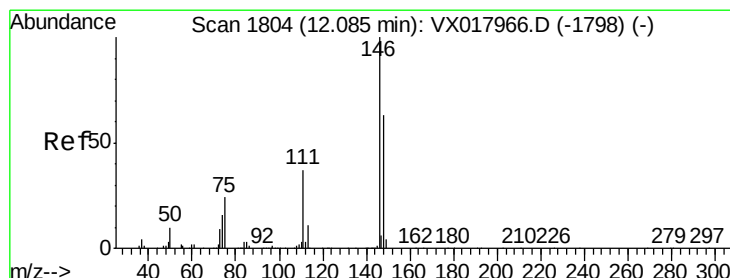
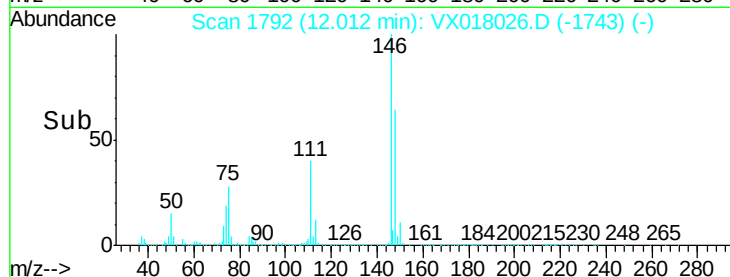
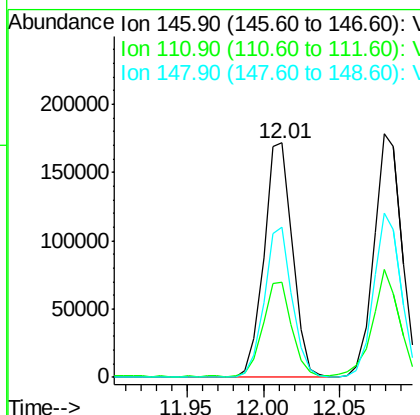
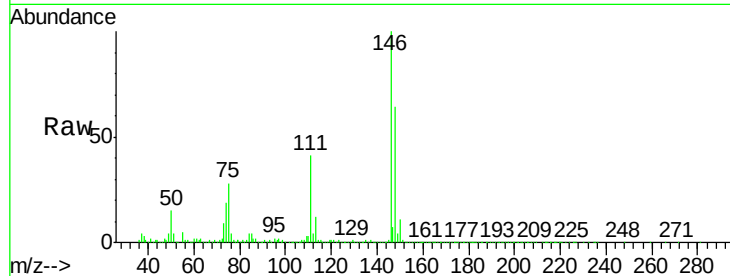
#87
 1,3-Dichlorobenzene
 Concen: 17.689 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.3
148	62.2	31.6	95.0

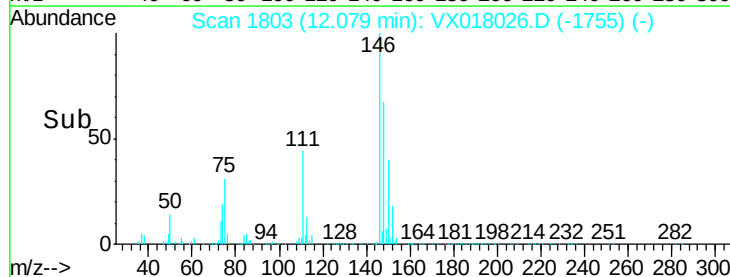
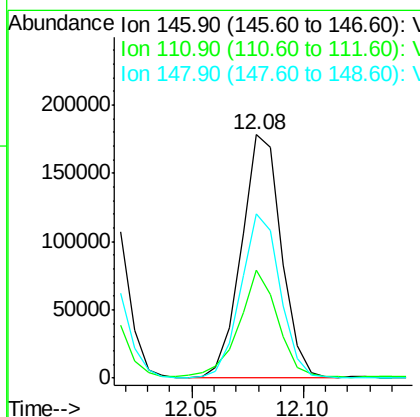
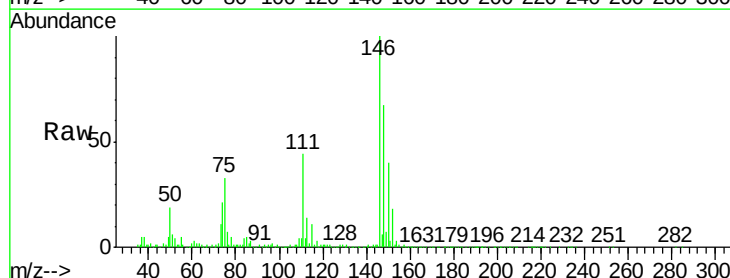
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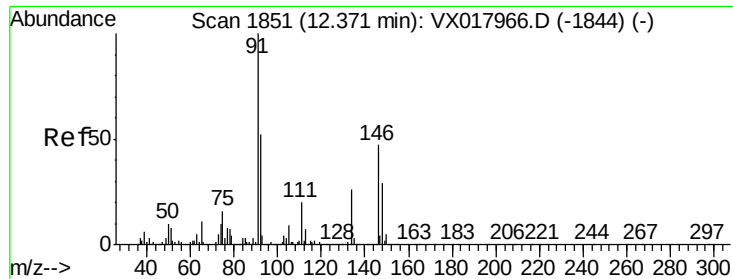
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#88
 1,4-Dichlorobenzene
 Concen: 17.866 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	19.7	59.1
148	67.0	31.9	95.7





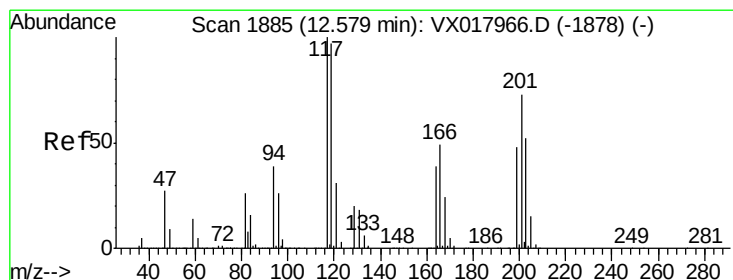
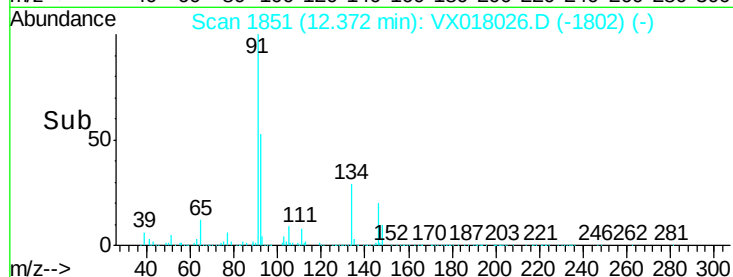
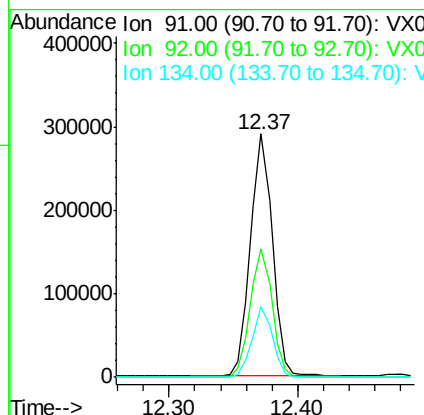
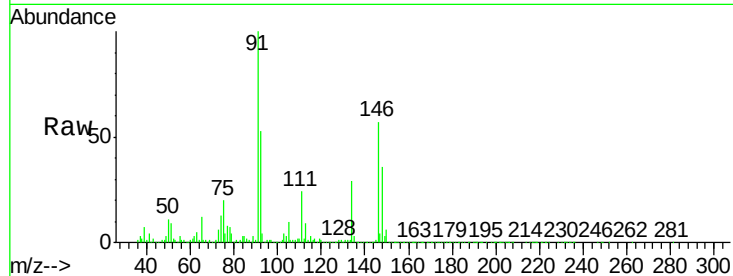
#89
n-Butylbenzene
Concen: 17.337 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	25.7	77.0
134	27.5	13.4	40.2

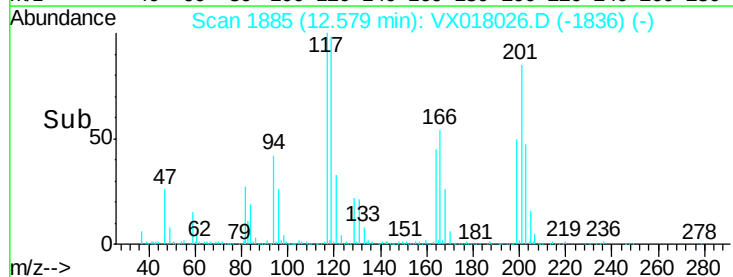
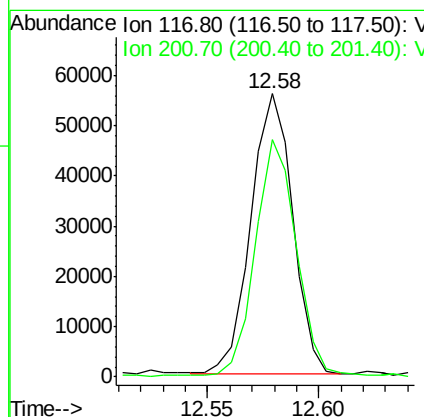
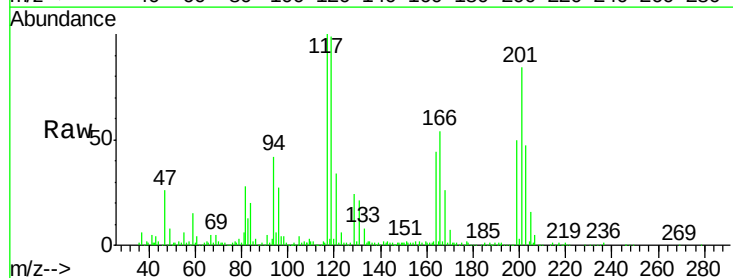
Manual Integrations
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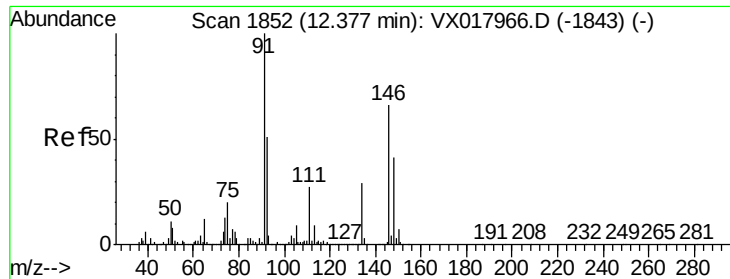
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#90
Hexachloroethane
Concen: 15.684 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.4	40.8	122.2





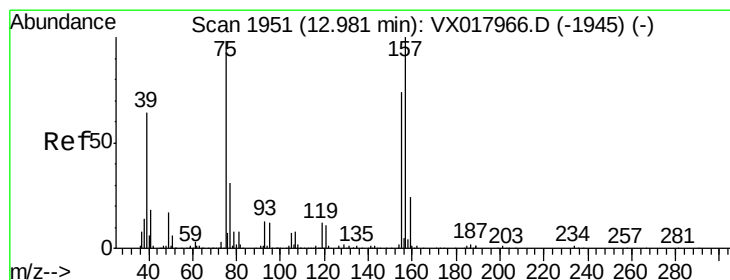
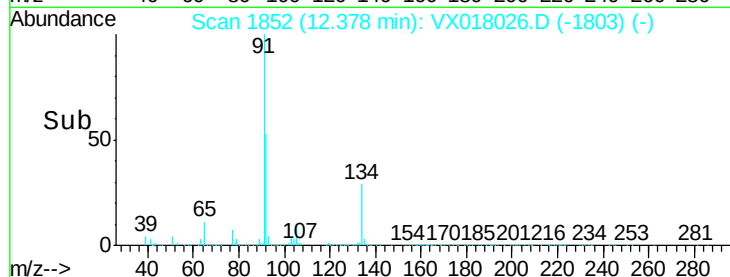
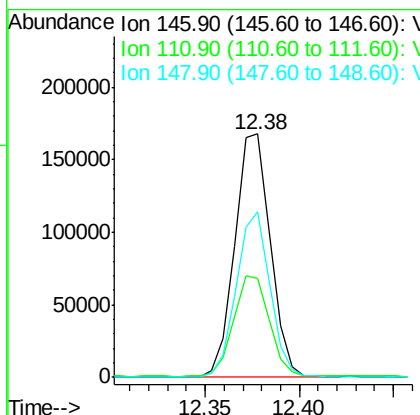
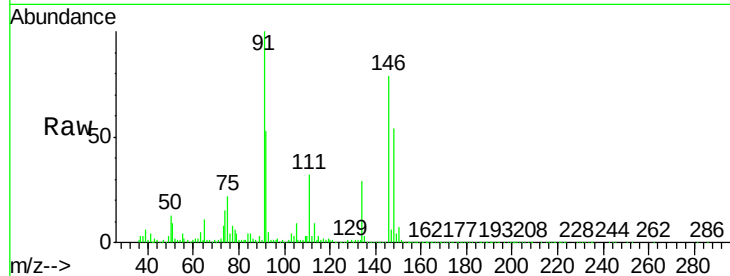
#91
 1,2-Dichlorobenzene
 Concen: 18.700 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	219361		
111	41.7	20.6	61.9	
148	64.2	31.2	93.6	

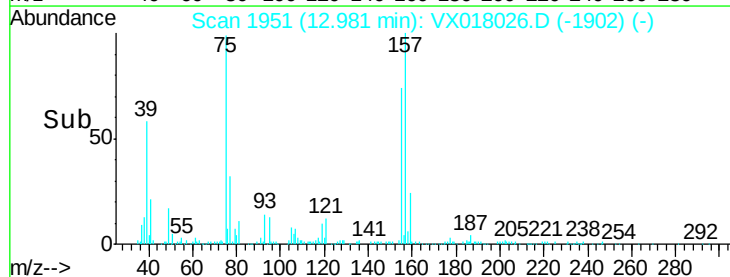
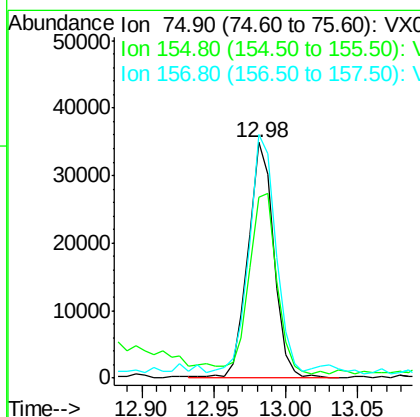
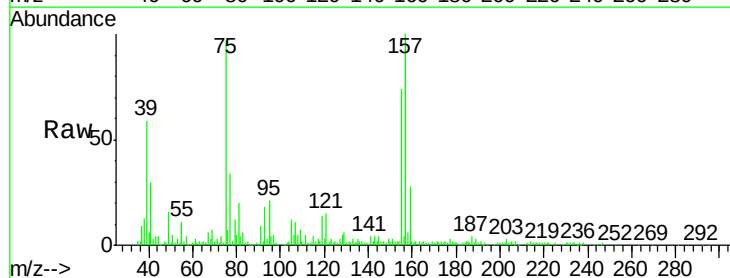
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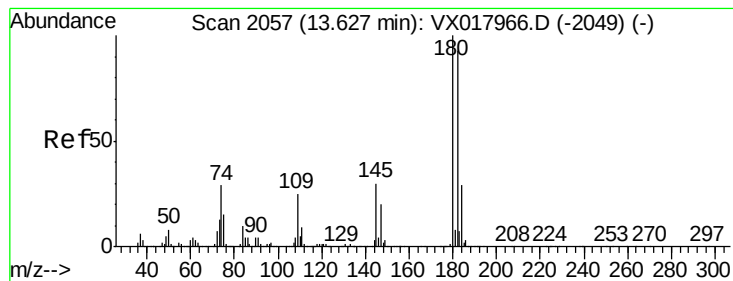
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.997 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	42481		
155	83.6	40.5	121.5	
157	106.2	54.4	163.2	





#93

1,2,4-Trichlorobenzene

Concen: 18.284 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

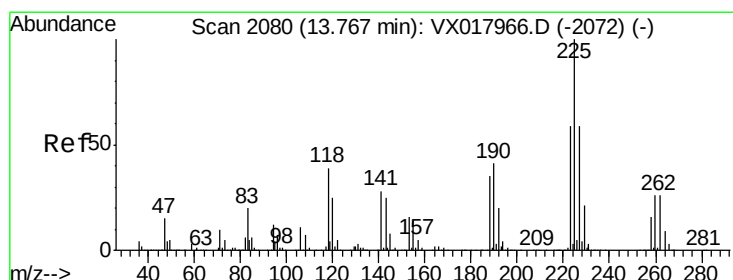
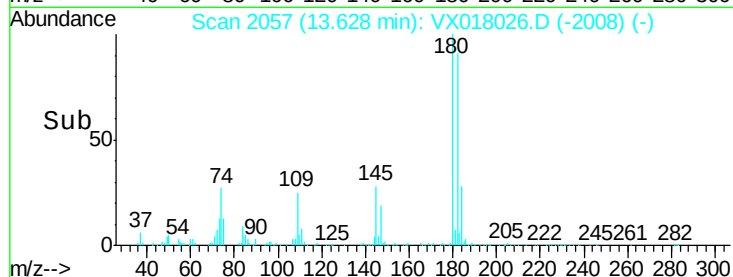
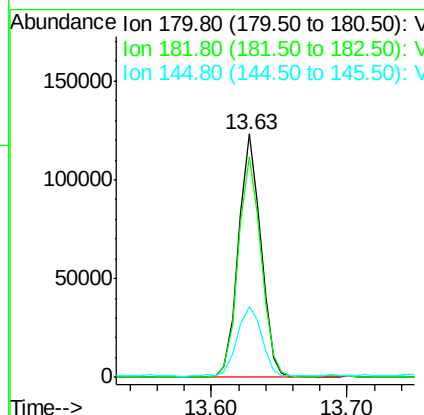
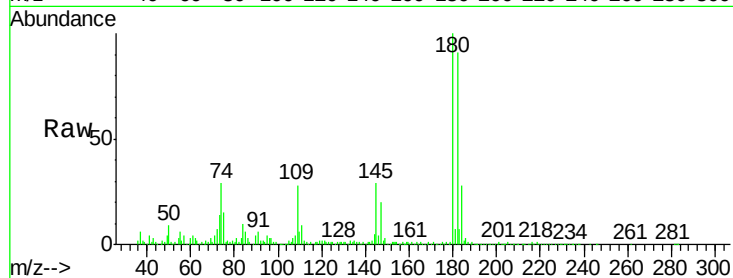
ClientSampleId :

VX0820WBS01

Tot Ion:	180	Resp:	141097
Ion Ratio	Lower	Upper	
180	100		
182	92.4	48.8	146.4
145	32.0	16.0	48.0

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 14.647 ug/l

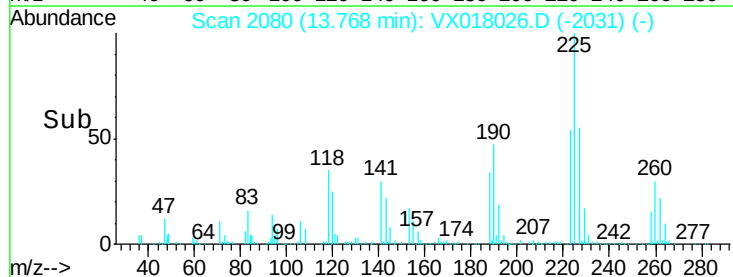
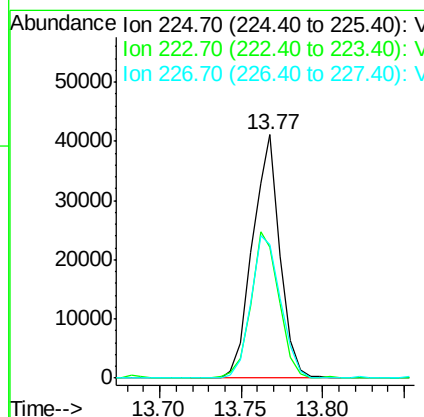
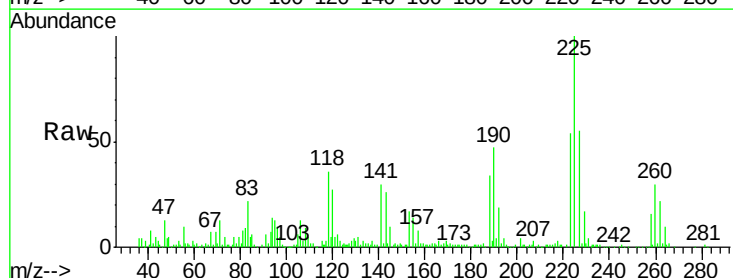
RT: 13.77 min Scan# 2080

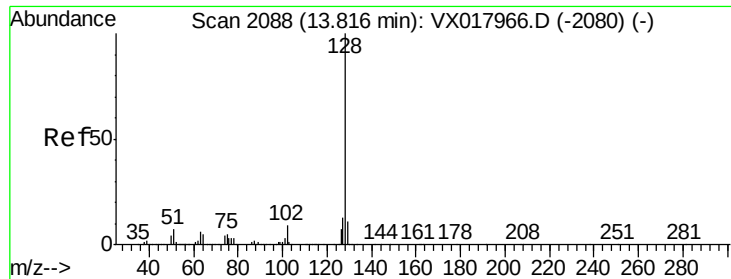
Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Tgt Ion:	225	Resp:	48238
Ion Ratio	Lower	Upper	
225	100		
223	61.1	32.1	96.3
227	63.1	29.8	89.5





#95

Naphthalene

Concen: 20.433 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

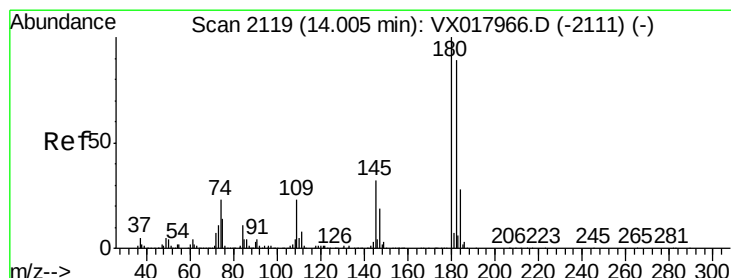
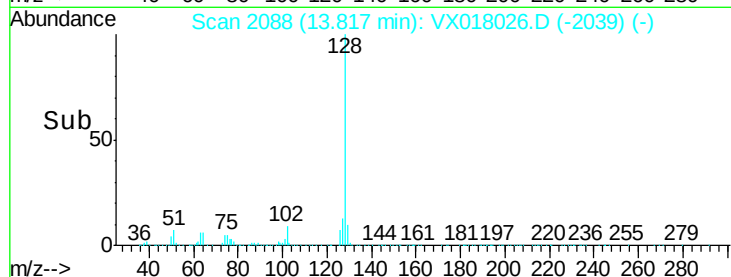
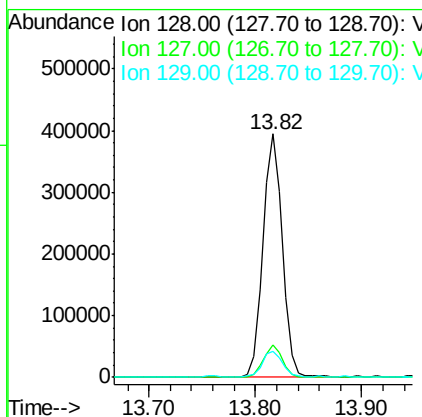
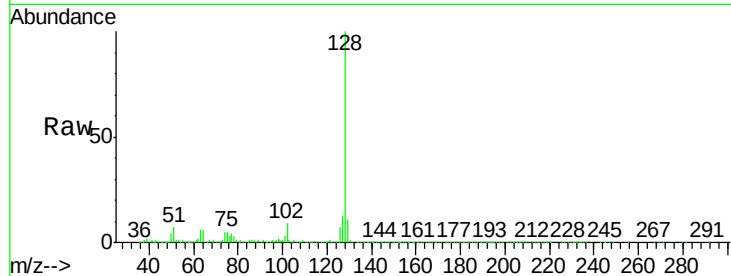
ClientSampled :

VX0820WBS01

Tot Ion:	128	Resp:	497747
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.7	16.1
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
8/21/2020 10:50:58 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.844 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Tgt Ion:	180	Resp:	140025
Ion Ratio	Lower	Upper	
180	100		
182	96.0	46.6	139.8
145	33.7	16.8	50.4

