

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\
 Data File : VX017166.D
 Acq On : 06 Jul 2020 14:32
 Operator : JC/SP
 Sample : VX0706MBS01
 Misc : 5.0µl/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 12:24:40 PM

Quant Time: Jul 06 16:24:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	310394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	467357	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	447191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	198010	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
35) Dibromofluoromethane	5.47	113	158195	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
50) Toluene-d8	8.70	98	580205	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
62) 4-Bromofluorobenzene	11.12	95	227225	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	58038	19.327	ug/l	100
3) Chloromethane	1.32	50	54822	15.082	ug/l	97
4) Vinyl Chloride	1.39	62	57195	16.960	ug/l	99
5) Bromomethane	1.63	94	37887	21.264	ug/l	97
6) Chloroethane	1.71	64	37606	18.881	ug/l	99
7) Trichlorofluoromethane	1.92	101	105350	21.122	ug/l	99
8) Diethyl Ether	2.17	74	33948	20.446	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58610	19.606	ug/l	97
10) Methyl Iodide	2.49	142	49325	12.787	ug/l	100
11) Tert butyl alcohol	3.01	59	65278	89.423	ug/l	98
12) 1,1-Dichloroethene	2.35	96	57204	18.628	ug/l	98
13) Acrolein	2.27	56	23524	53.908	ug/l	100
14) Allyl chloride	2.71	41	98075	17.281	ug/l	96
15) Acrylonitrile	3.12	53	158700	90.434	ug/l	99
16) Acetone	2.42	43	132677	92.686	ug/l	97
17) Carbon Disulfide	2.55	76	157719	18.419	ug/l	99
18) Methyl Acetate	2.75	43	69872	18.698	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	202639	19.661	ug/l	99
20) Methylene Chloride	2.84	84	67702	20.155	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	62548	18.354	ug/l	94
22) Diisopropyl ether	3.82	45	197910	18.841	ug/l	95
23) Vinyl Acetate	3.79	43	851844	94.375	ug/l	99
24) 1,1-Dichloroethane	3.67	63	111767	18.700	ug/l	99
25) 2-Butanone	4.63	43	212512	89.096	ug/l	99
26) 2,2-Dichloropropane	4.55	77	103803	19.560	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	71288	18.462	ug/l	99
28) Bromochloromethane	4.98	49	54699	18.807	ug/l	92
29) Tetrahydrofuran	5.09	42	139073	88.247	ug/l	97
30) Chloroform	5.18	83	119914	19.572	ug/l	99
31) Cyclohexane	5.55	56	93135	18.028	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	113391	20.096	ug/l	99
36) 1,1-Dichloropropene	5.77	75	85584	19.376	ug/l	96
37) Ethyl Acetate	4.80	43	85124	18.994	ug/l	98
38) Carbon Tetrachloride	5.76	117	102398	21.047	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	93147	18.953	ug/l	98
40) Benzene	6.12	78	250861	19.329	ug/l	98
41) Methacrylonitrile	5.01	41	45968	18.224	ug/l	94
42) 1,2-Dichloroethane	6.17	62	97378	20.773	ug/l	100
43) Isopropyl Acetate	6.42	43	140277	18.836	ug/l	99
44) Trichloroethene	7.19	130	76607	21.213	ug/l	94
45) 1,2-Dichloropropane	7.49	63	64749	19.425	ug/l	98
46) Dibromomethane	7.64	93	45953	20.193	ug/l	96
47) Bromodichloromethane	7.88	83	97069	20.698	ug/l	98
48) Methyl methacrylate	7.75	41	69854	19.743	ug/l	99
49) 1,4-Dioxane	7.71	88	28923	360.839	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	430836	97.052	ug/l	100
52) Toluene	8.77	92	161737	19.961	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	102205	19.752	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	111756	20.147	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	68129	20.579	ug/l	98
56) Ethyl methacrylate	9.16	69	95723	20.315	ug/l	97
57) 1,3-Dichloropropane	9.35	76	109718	19.586	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	240570	102.582	ug/l	98
59) 2-Hexanone	9.48	43	322368	99.431	ug/l	100
60) Dibromochloromethane	9.57	129	81515	21.200	ug/l	99
61) 1,2-Dibromoethane	9.65	107	73841	20.750	ug/l	96
64) Tetrachloroethene	9.32	164	75774	20.995	ug/l	98
65) Chlorobenzene	10.12	112	180268	19.531	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	73877	20.769	ug/l	98
67) Ethyl Benzene	10.24	91	309021	20.048	ug/l	100
68) m/p-Xylenes	10.34	106	232285	39.248	ug/l	94
69) o-Xylene	10.68	106	113389	20.140	ug/l	100
70) Styrene	10.69	104	197968	20.648	ug/l	99
71) Bromoform	10.84	173	61730	21.885	ug/l #	99
73) Isopropylbenzene	11.00	105	304942	19.259	ug/l	99
74) N-amyl acetate	10.88	43	122969	18.201	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	92475	18.567	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	89436m	18.815	ug/l	
77) Bromobenzene	11.24	156	84663	19.455	ug/l	96
78) n-propylbenzene	11.35	91	345760	19.311	ug/l	100
79) 2-Chlorotoluene	11.40	91	213009	19.657	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	262400	19.979	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	32889	17.917	ug/l	91
82) 4-Chlorotoluene	11.49	91	258775	19.976	ug/l	99
83) tert-Butylbenzene	11.76	119	252603	19.593	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	268153	20.125	ug/l	99
85) sec-Butylbenzene	11.93	105	292437	19.297	ug/l	100
86) p-Isopropyltoluene	12.05	119	282150	19.999	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	153537	19.426	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	157995	21.087	ug/l	99
89) n-Butylbenzene	12.37	91	237388	18.845	ug/l	98
90) Hexachloroethane	12.58	117	53995	19.408	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	146524	19.833	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22479	18.919	ug/l	96

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0706MBS01

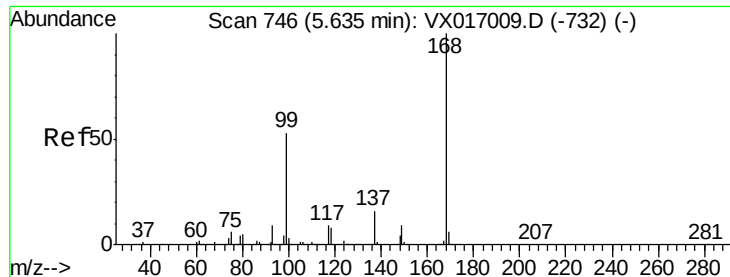
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	101463	20.122	ug/l	97
94) Hexachlorobutadiene	13.77	225	41315	22.069	ug/l	93
95) Naphthalene	13.82	128	308224	20.106	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	100476	20.590	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

ClientSampled :

VX0706MBS01

Tot Ion:168 Resp: 310394

Ion Ratio Lower Upper

168 100

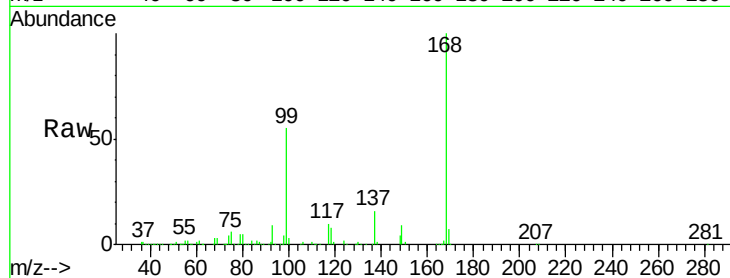
99 54.5 42.6 64.0

Manual Integrations

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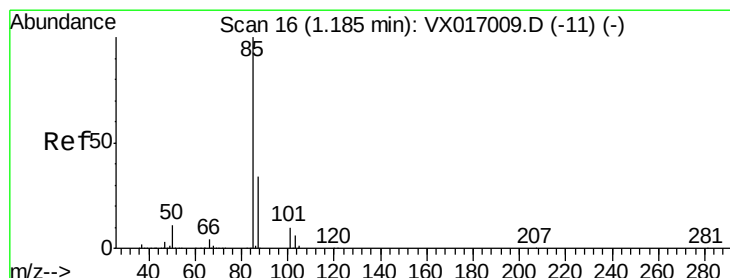
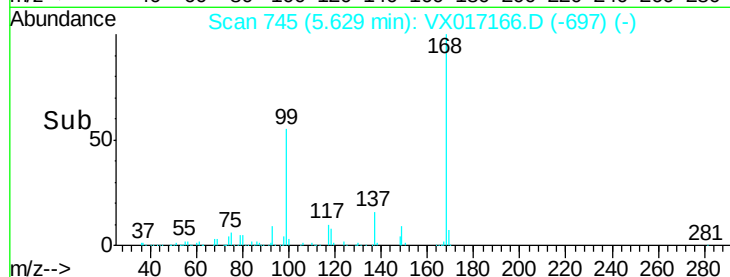
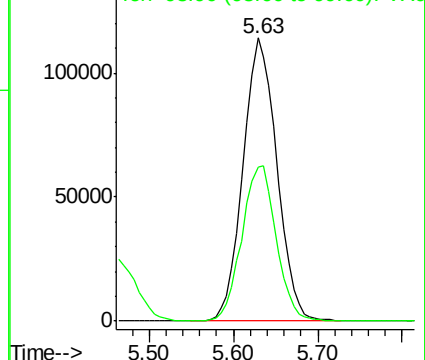
MMDadoda

7/7/2020 12:24:40 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.327 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017166.D

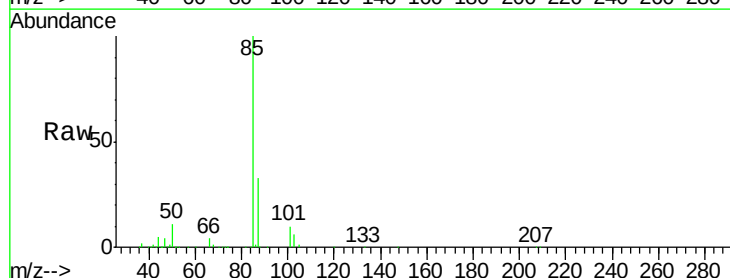
Acq: 06 Jul 2020 14:32

Tgt Ion: 85 Resp: 58038

Ion Ratio Lower Upper

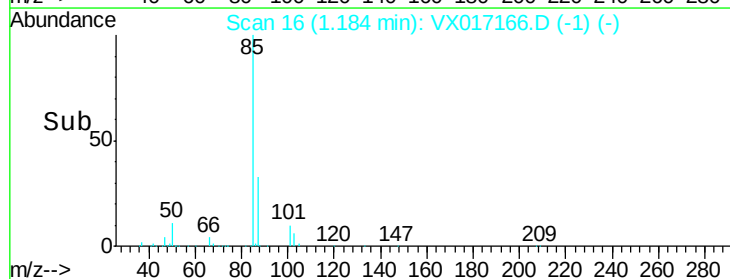
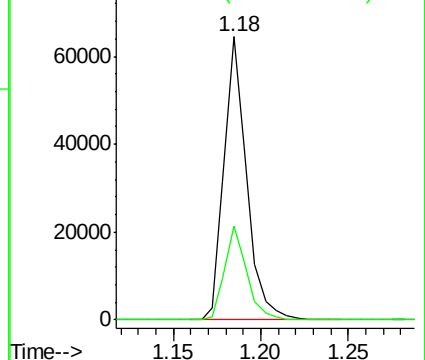
85 100

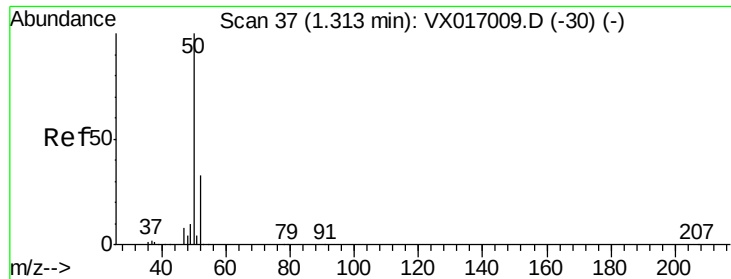
87 33.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.082 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0706MBS01

Tot Ion: 50 Resp: 54822

Ion Ratio Lower Upper

50 100

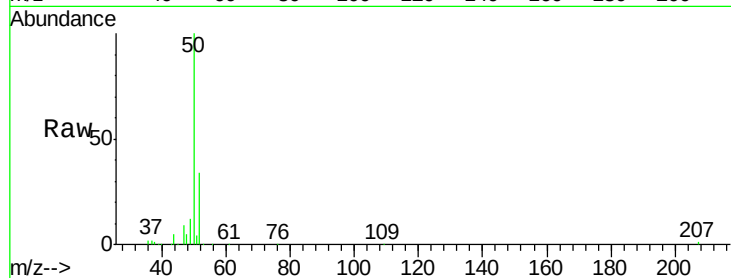
52 34.3 26.1 39.1

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

50000

40000

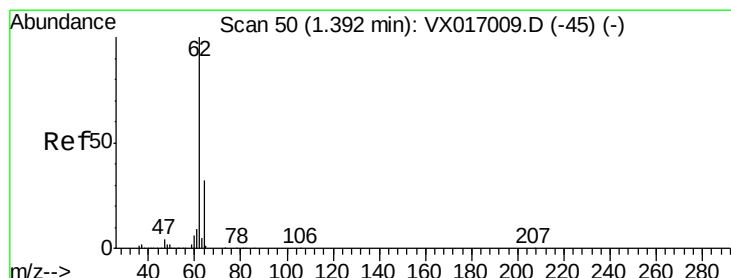
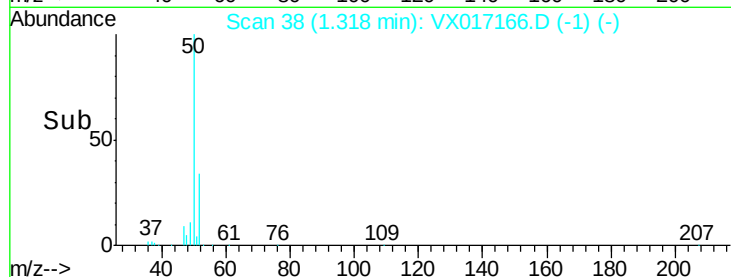
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 16.960 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017166.D

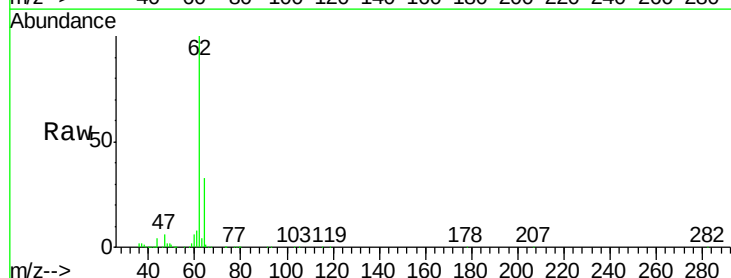
Acq: 06 Jul 2020 14:32

Tgt Ion: 62 Resp: 57195

Ion Ratio Lower Upper

62 100

64 32.9 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

60000

50000

40000

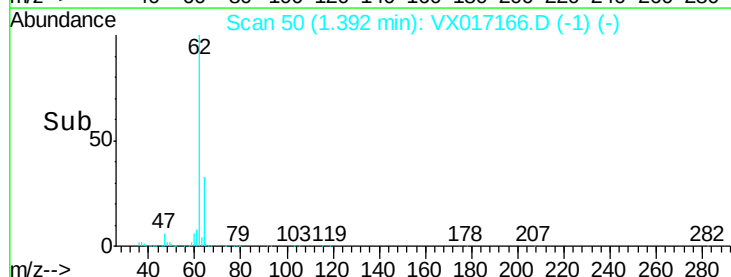
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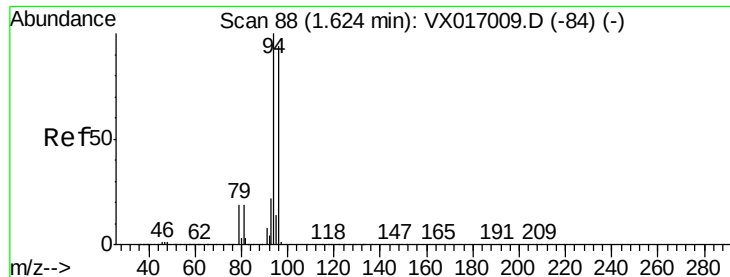
20000

10000

0

Time-->





#5

Bromomethane

Concen: 21.264 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0706MBS01

Tot Ion: 94 Resp: 37887

Ion Ratio Lower Upper

94 100

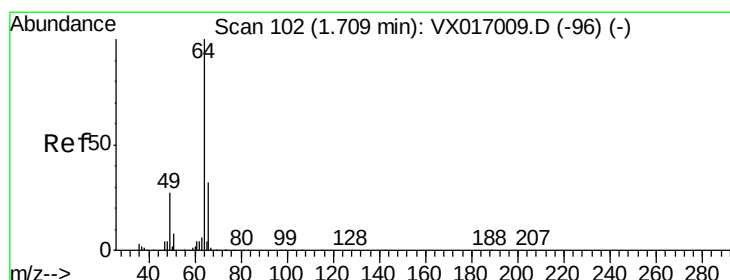
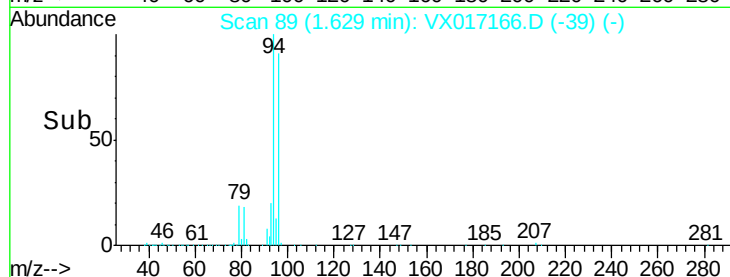
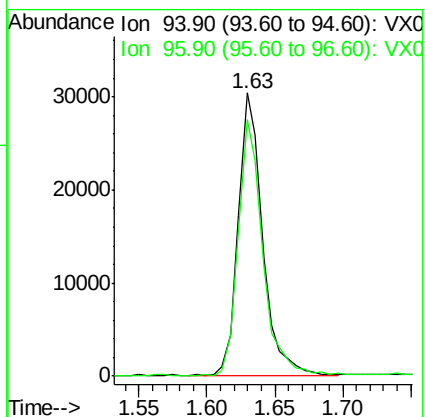
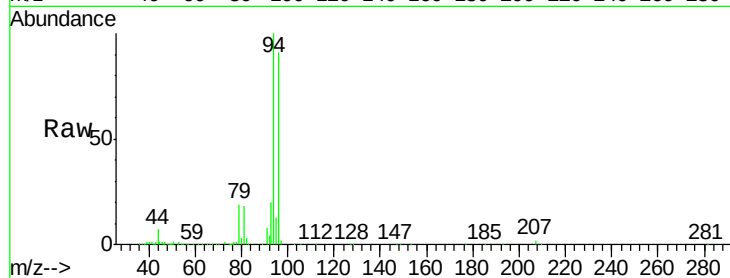
96 90.5 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 18.881 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017166.D

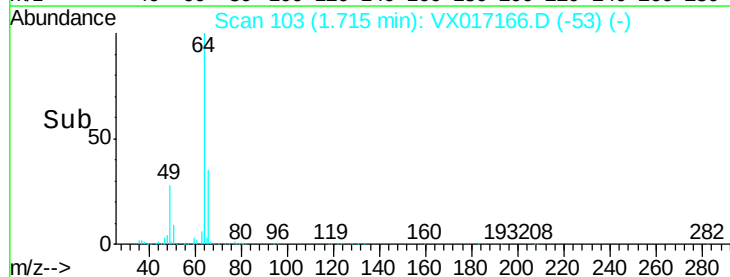
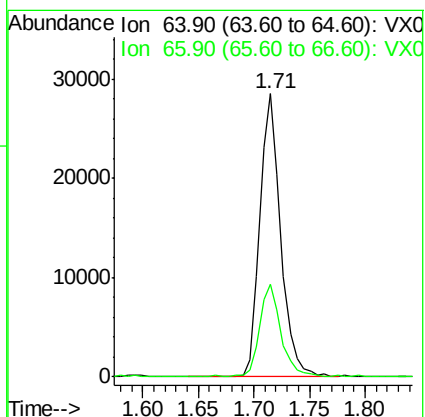
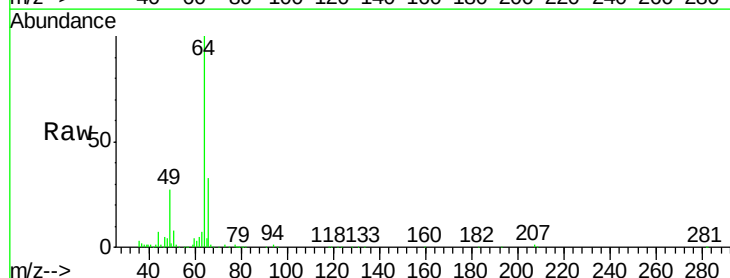
Acq: 06 Jul 2020 14:32

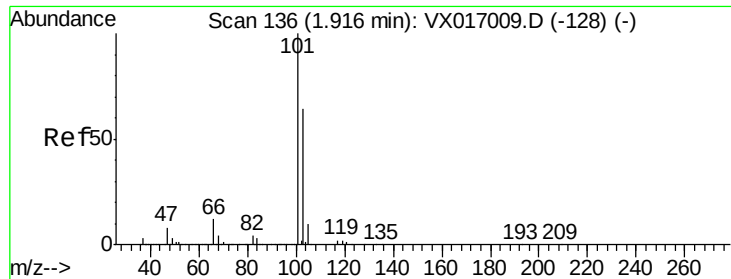
Tgt Ion: 64 Resp: 37606

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3





#7

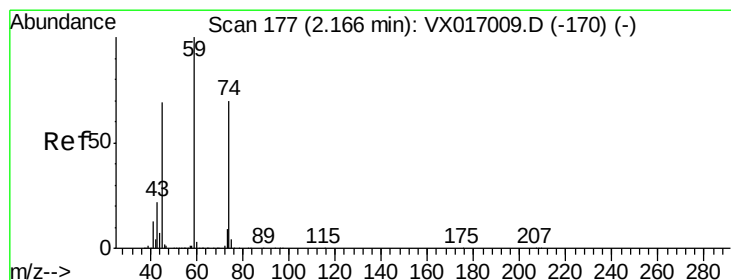
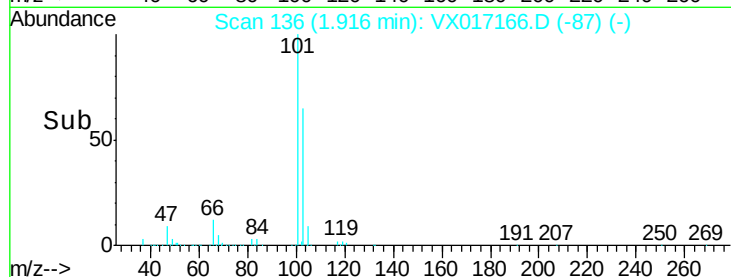
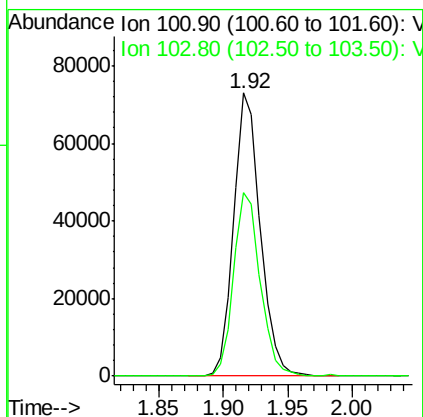
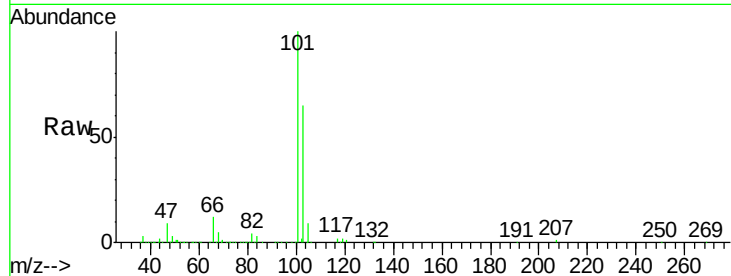
Trichlorofluoromethane
Concen: 21.122 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

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MSVOA_X
ClientSampleId :
VX0706MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		105350		
103	64.9	51.5	77.3		

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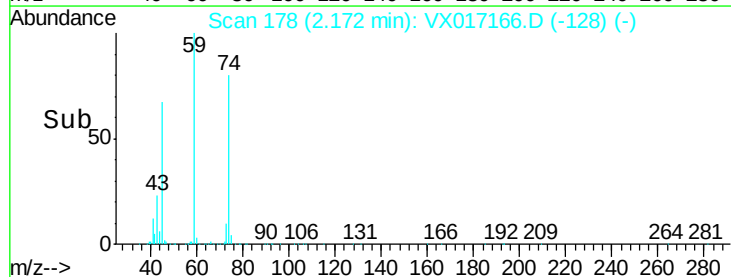
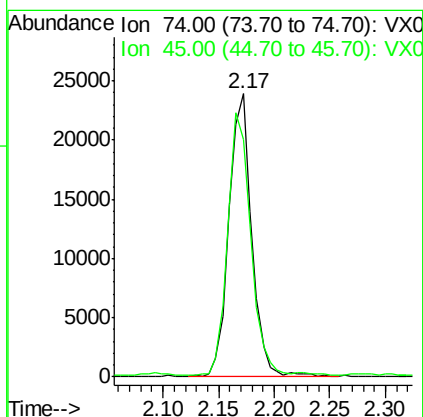
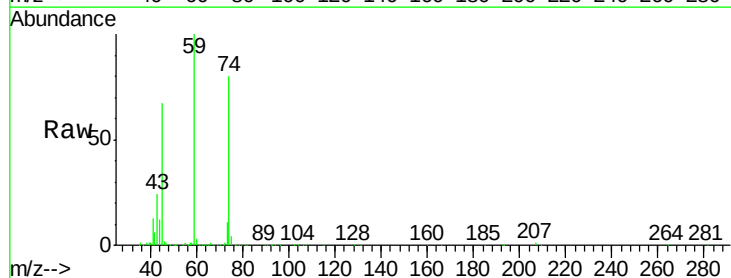
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7/7/2020 12:24:40 PM

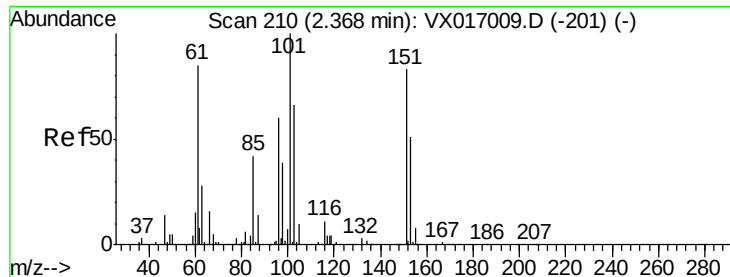


#8

Diethyl Ether
Concen: 20.446 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		33948		
45	93.7	49.8	149.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.606 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

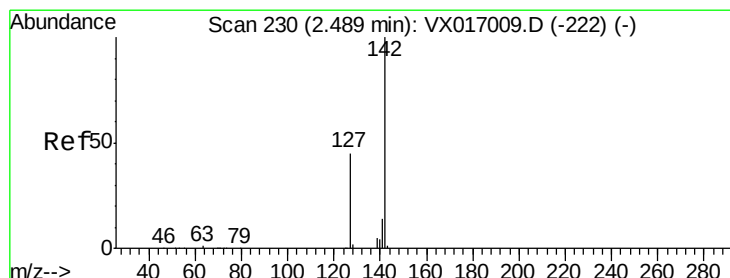
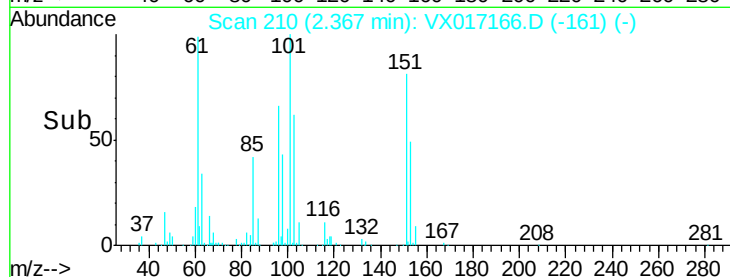
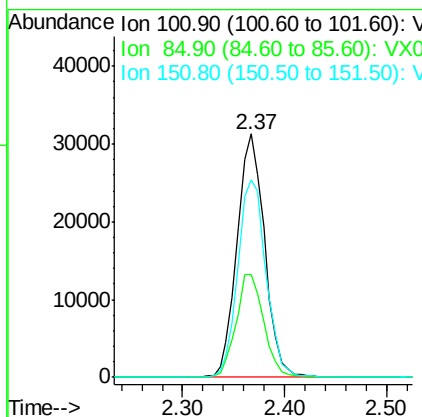
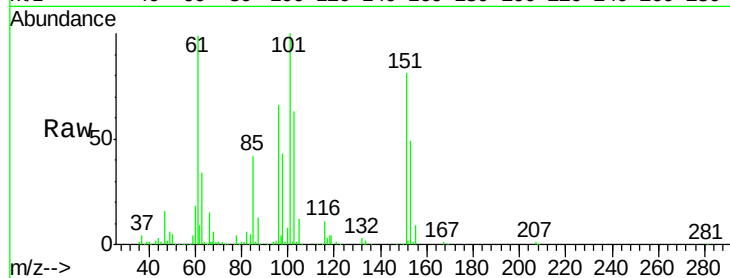
ClientSampleId :

VX0706MBS01

Tot Ion:	101	Resp:	58610
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.5	50.3
151	82.8	63.8	95.6

Manual Integrations
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7/7/2020 12:24:40 PM



#10

Methyl Iodide

Concen: 12.787 ug/l

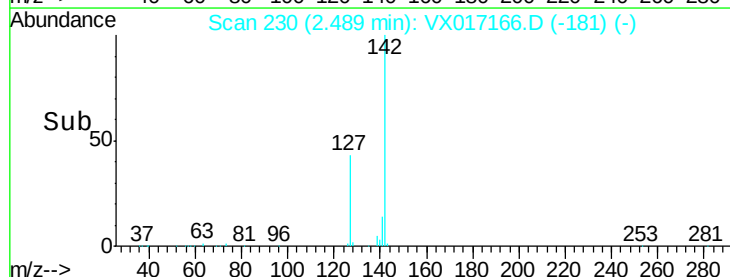
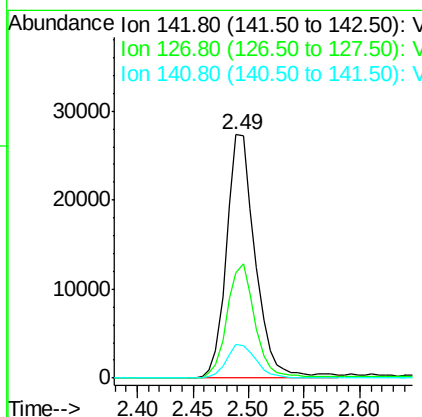
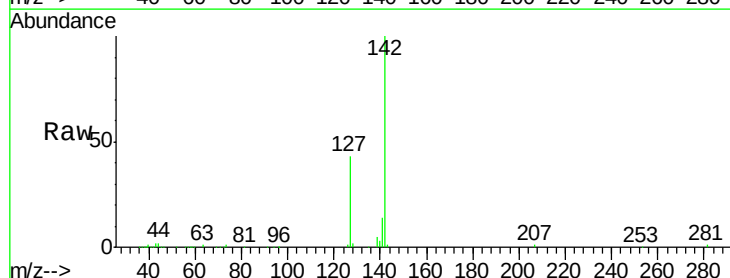
RT: 2.49 min Scan# 230

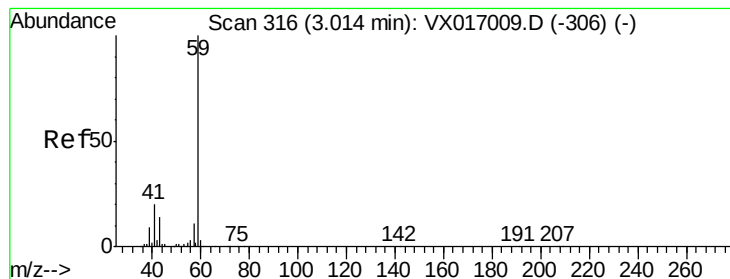
Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Tgt Ion:	142	Resp:	49325
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.6	54.8
141	14.2	11.6	17.4





#11

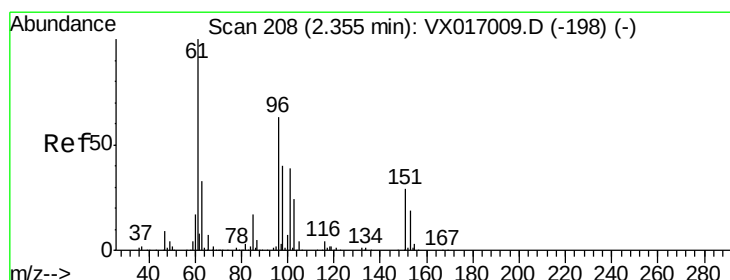
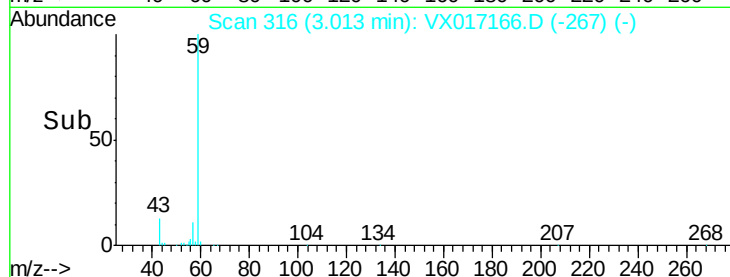
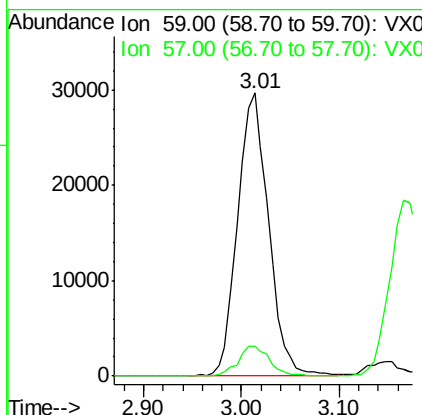
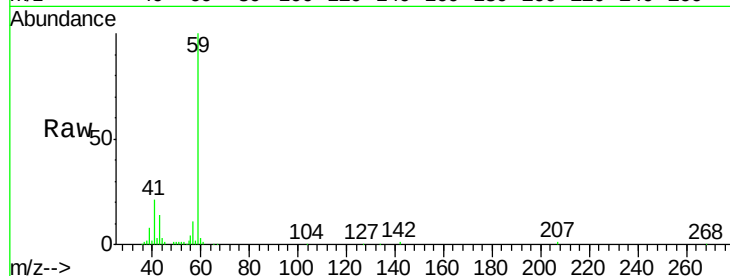
Tert butyl alcohol
 Concen: 89.423 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706MBS01

Tot Ion	59	Resp	65278
Ion Ratio	100	Lower	Upper
57	11.0	8.2	12.2

Manual Integrations
 APPROVED

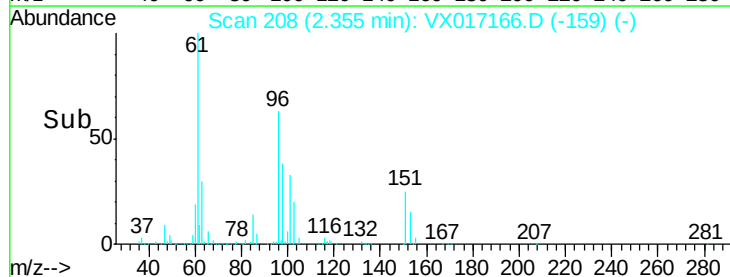
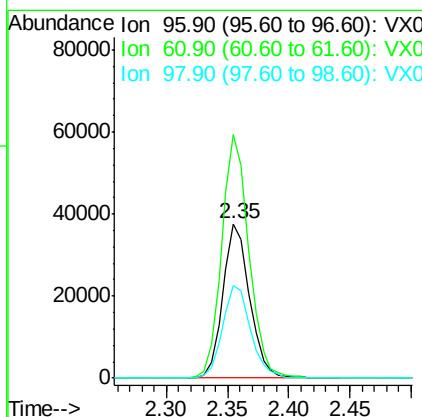
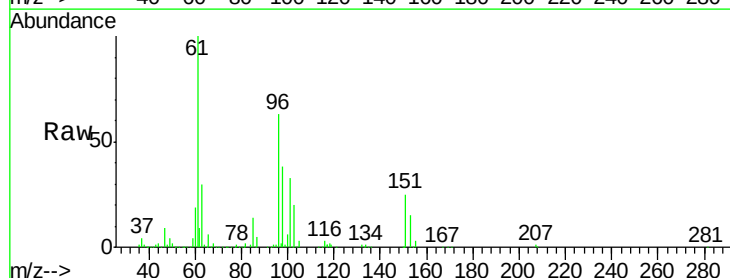
MMDadoda
 7/7/2020 12:24:40 PM

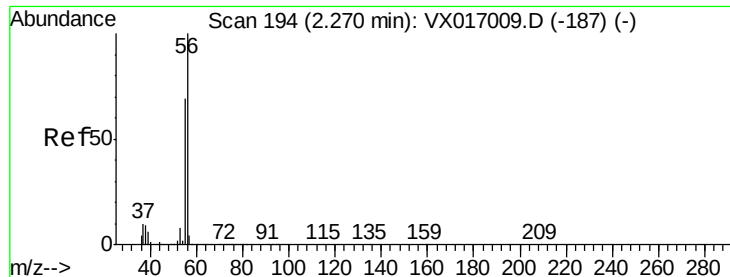


#12

1,1-Dichloroethene
 Concen: 18.628 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Tgt Ion	96	Resp	57204
Ion Ratio	100	Lower	Upper
61	157.4	126.3	189.5
98	60.2	51.0	76.6





#13

Acrolein

Concen: 53.908 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0706MBS01

Tot Ion: 56 Resp: 23524

Ion Ratio Lower Upper

56 100

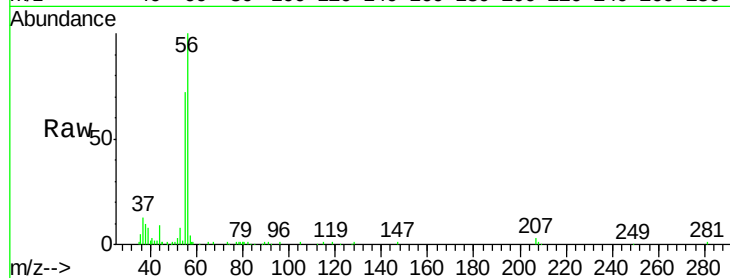
55 69.6 55.7 83.5

Manual Integrations

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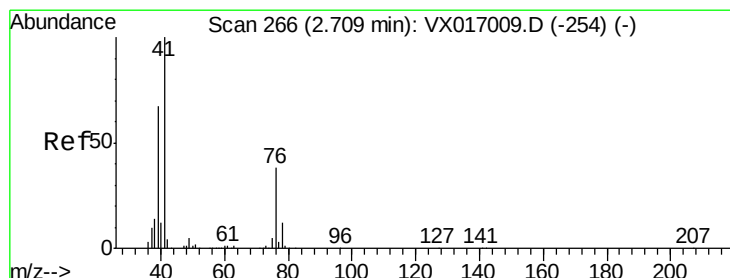
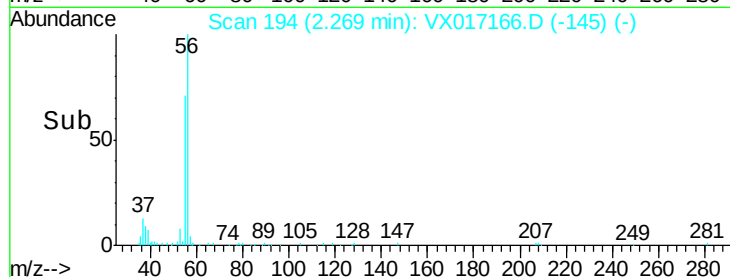
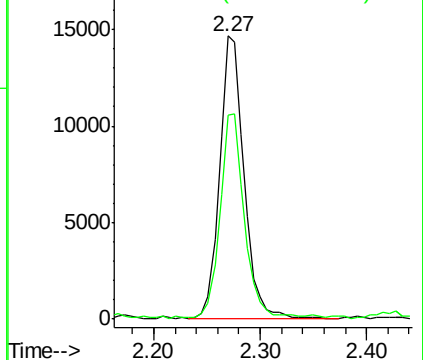
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.281 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

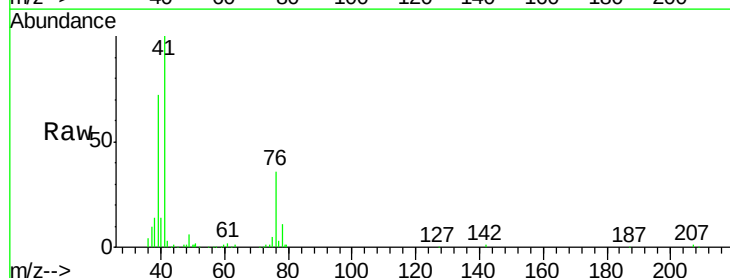
Tgt Ion: 41 Resp: 98075

Ion Ratio Lower Upper

41 100

39 66.3 49.4 74.2

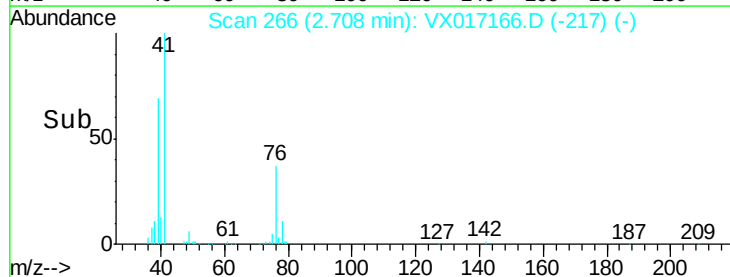
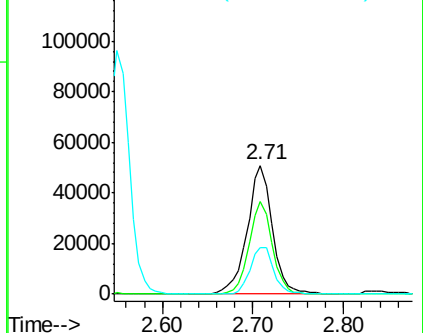
76 33.8 26.8 40.2

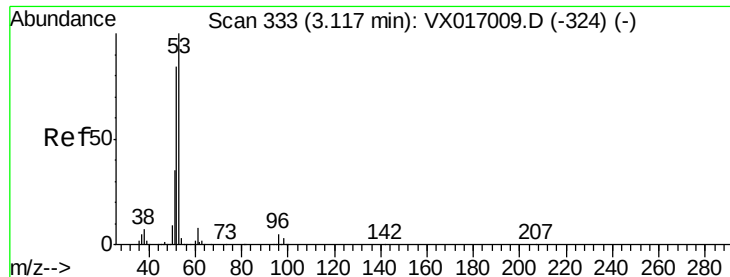


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 90.434 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

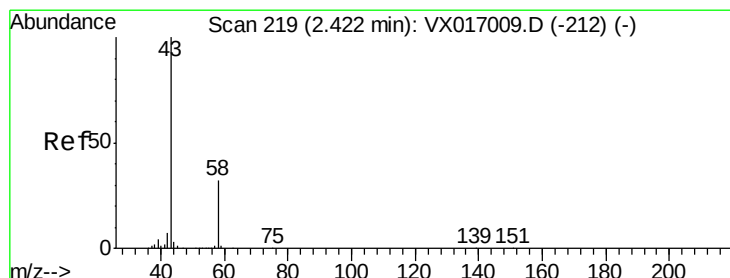
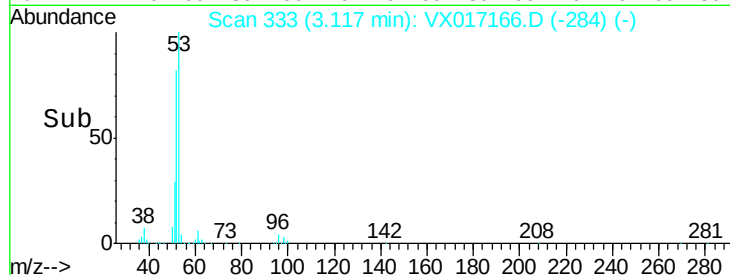
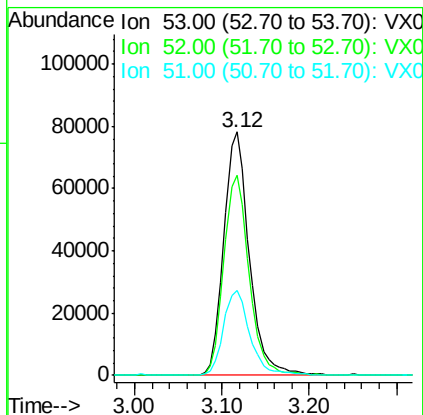
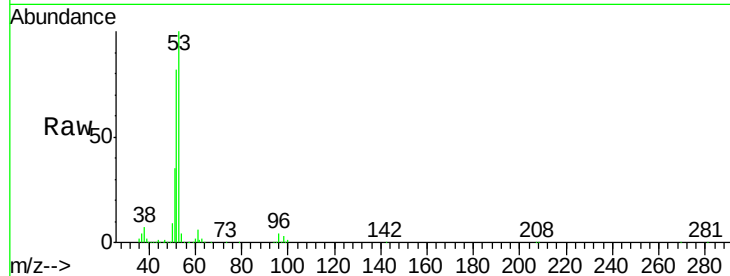
ClientSampled :

VX0706MBS01

Tot Ion:	53	Resp:	158700
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.6	98.4
51	36.3	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 92.686 ug/l

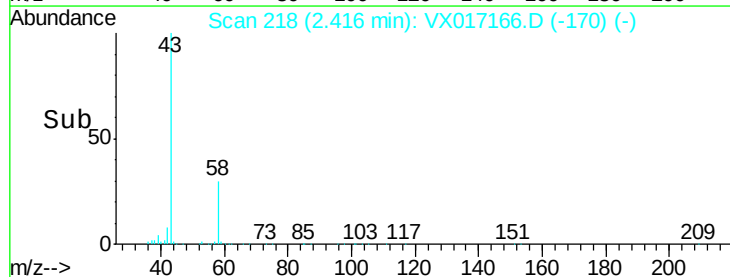
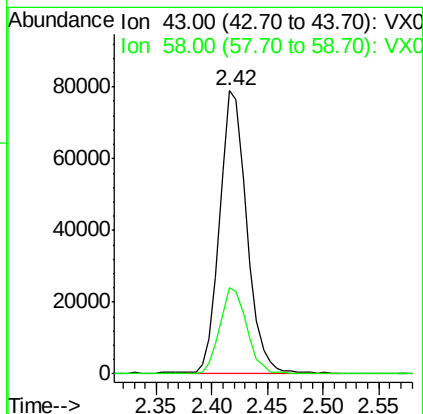
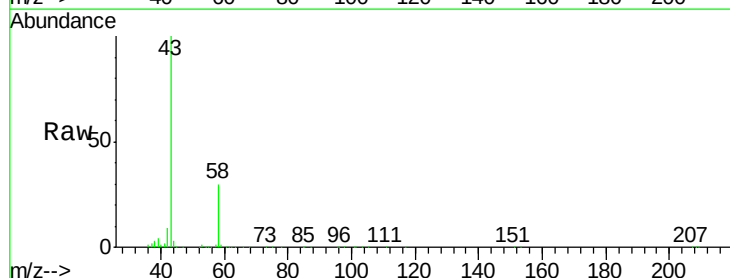
RT: 2.42 min Scan# 218

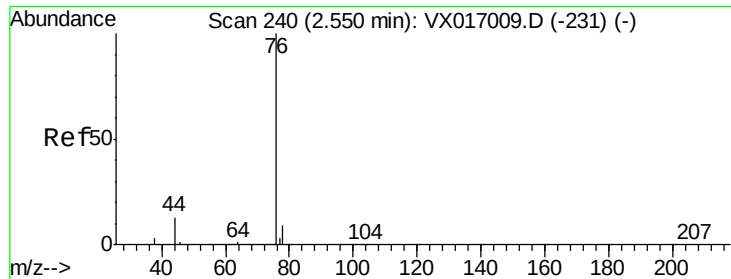
Delta R.T. -0.01 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Tgt Ion:	43	Resp:	132677
Ion	Ratio	Lower	Upper
43	100		
58	30.4	25.7	38.5





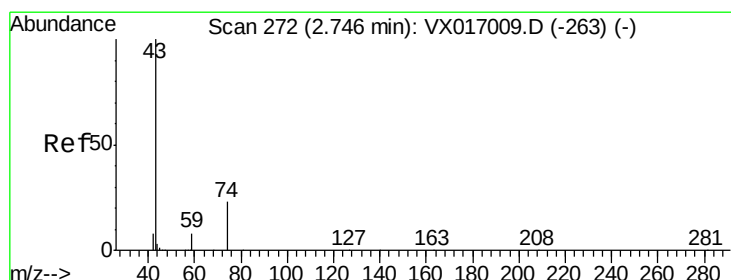
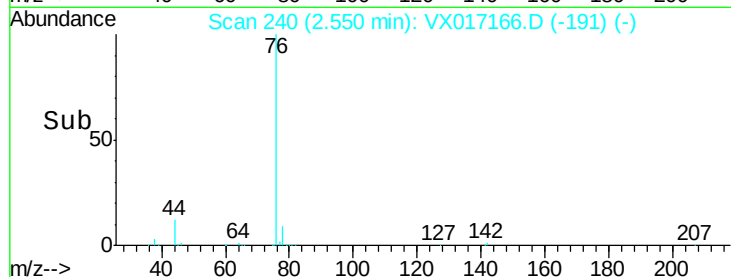
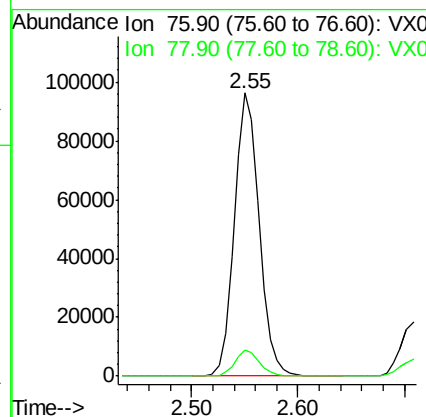
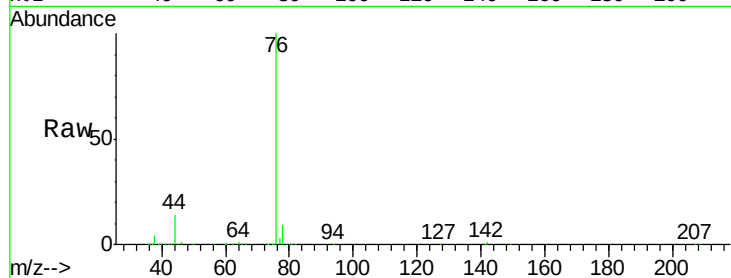
#17
Carbon Disulfide
Concen: 18.419 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0706MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

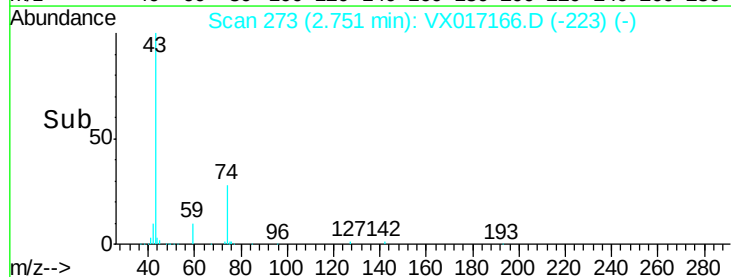
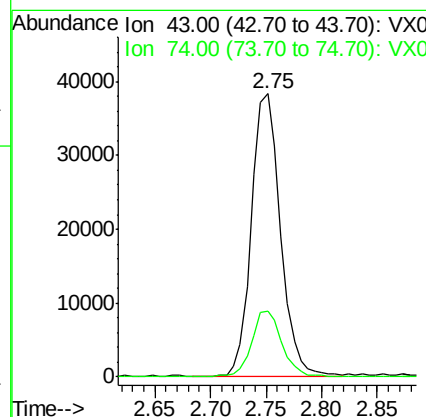
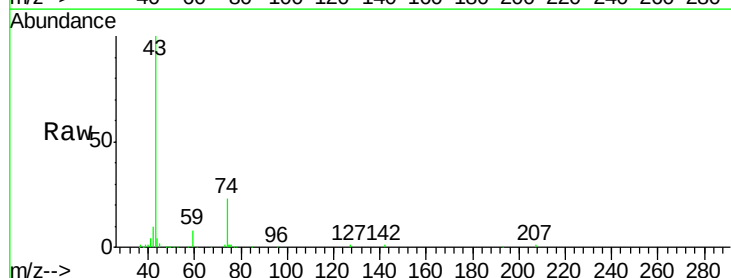
Manual Integrations
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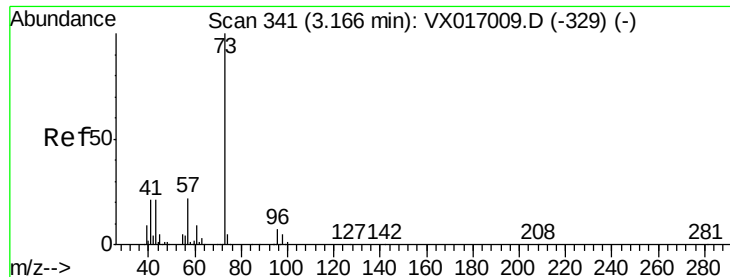
MMDadoda
7/7/2020 12:24:40 PM



#18
Methyl Acetate
Concen: 18.698 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.3	28.9





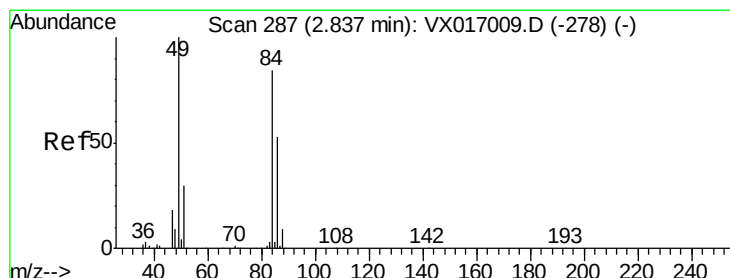
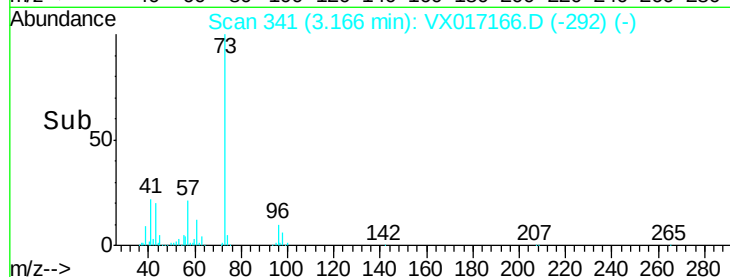
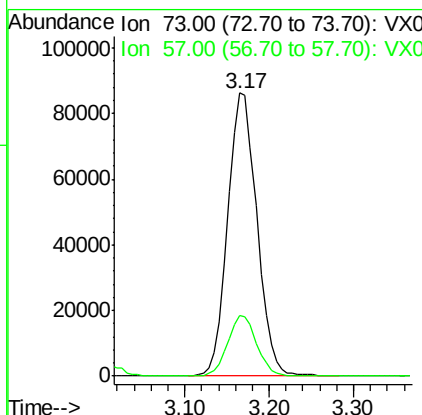
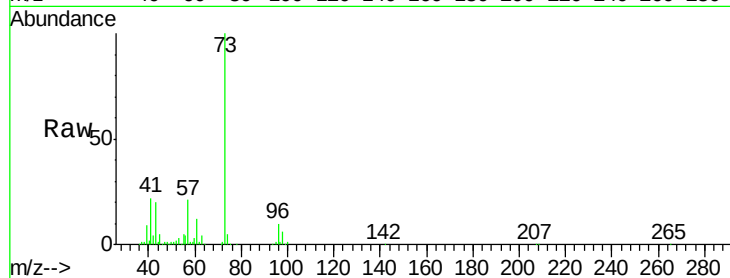
#19
Methyl tert-butyl Ether
Concen: 19.661 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0706MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.6	26.4

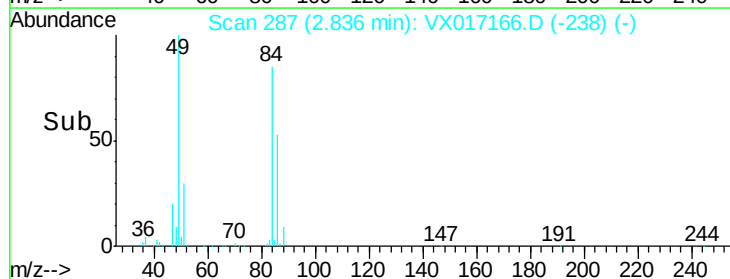
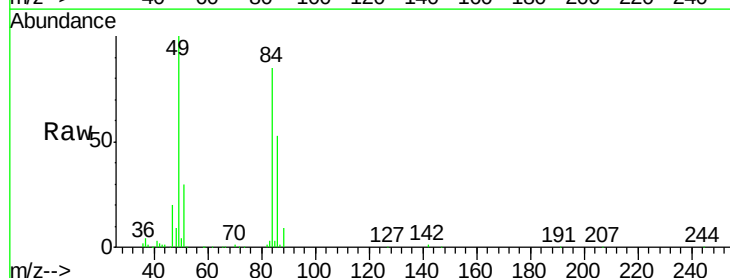
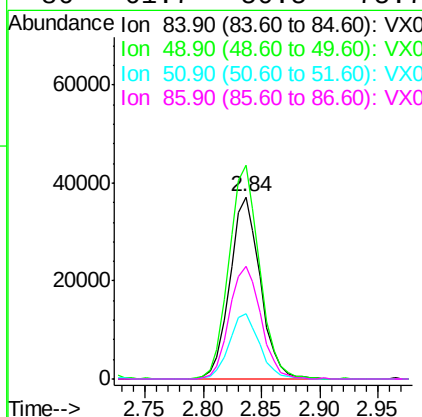
Manual Integrations
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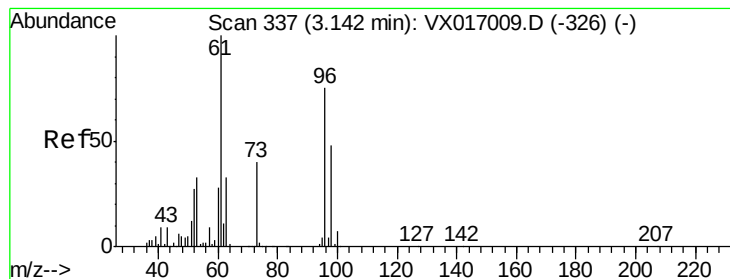
MMDadoda
7/7/2020 12:24:40 PM



#20
Methylene Chloride
Concen: 20.155 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.2	94.7	142.1
51	35.5	28.6	42.8
86	61.7	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 18.354 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0706MBS01

Tot Ion: 96 Resp: 62548

Ion Ratio Lower Upper

96 100

61 143.9 107.0 160.6

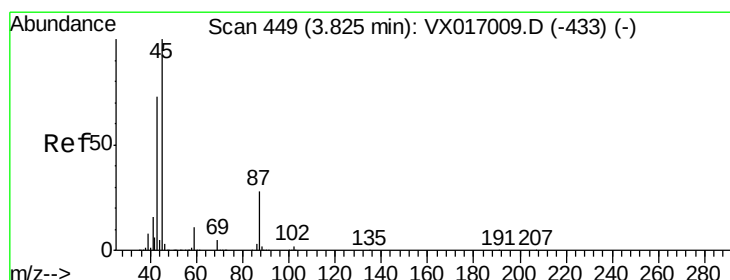
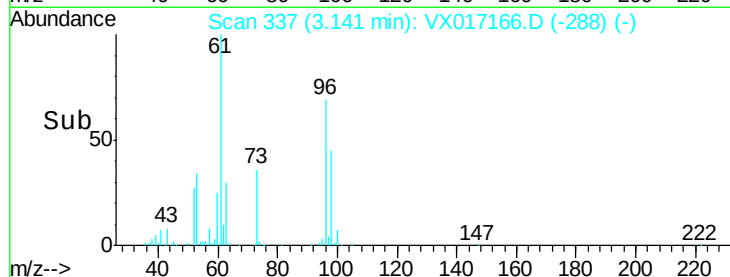
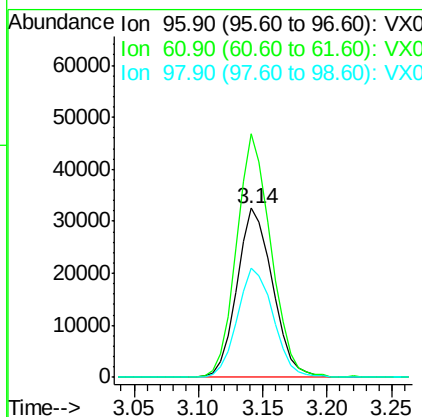
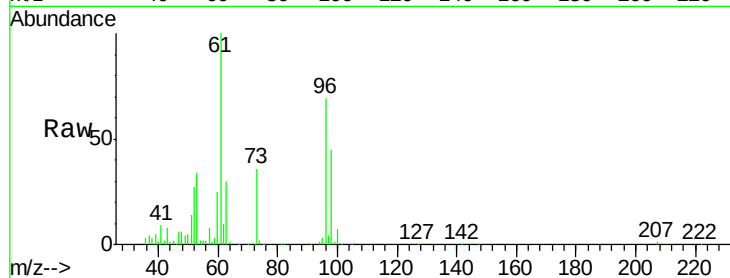
98 64.5 51.6 77.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 18.841 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Tgt Ion: 45 Resp: 197910

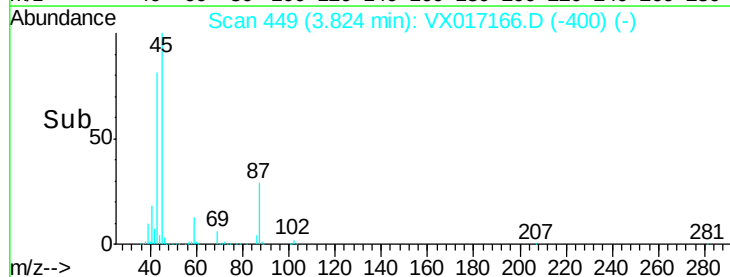
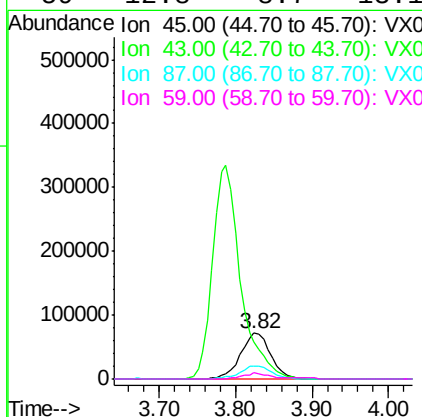
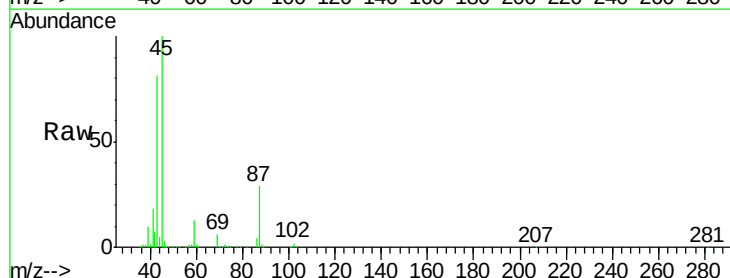
Ion Ratio Lower Upper

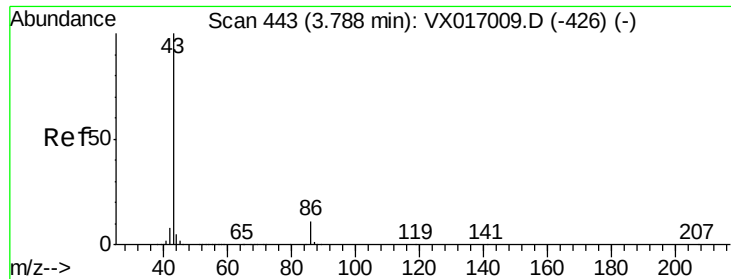
45 100

43 79.5 58.6 88.0

87 28.7 22.6 34.0

59 12.8 8.7 13.1





#23

Vinyl Acetate

Concen: 94.375 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0706MBS01

Tot Ion: 43 Resp: 851844

Ion Ratio Lower Upper

43 100

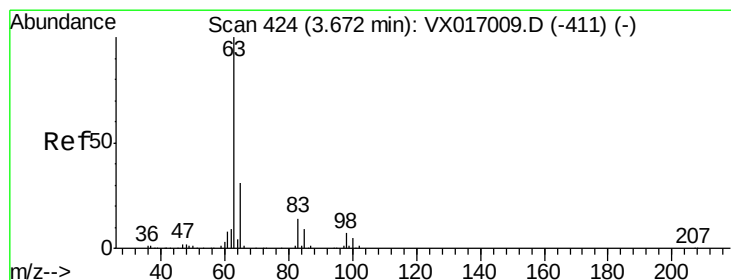
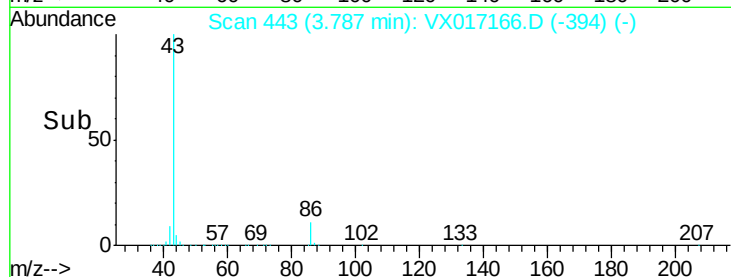
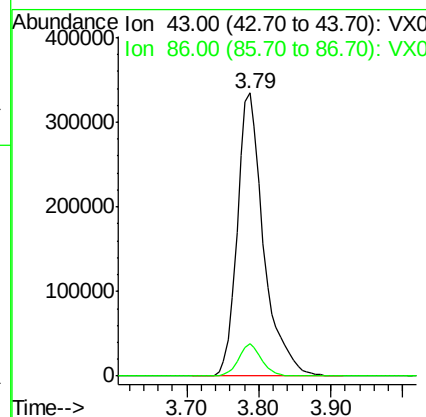
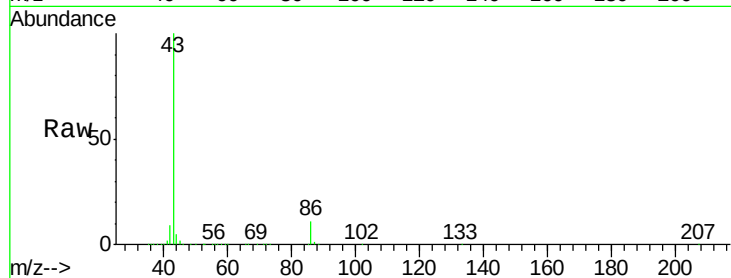
86 11.3 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.700 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

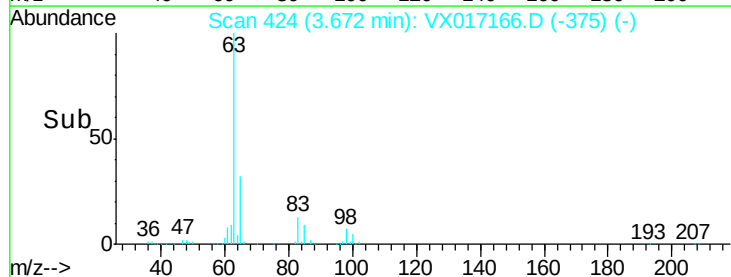
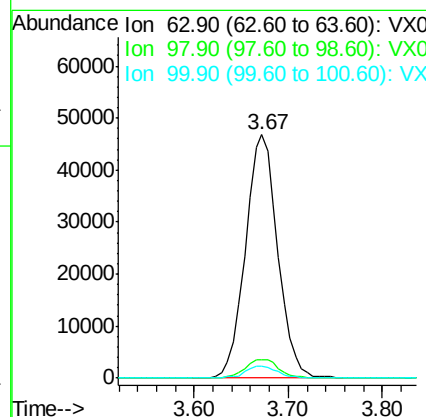
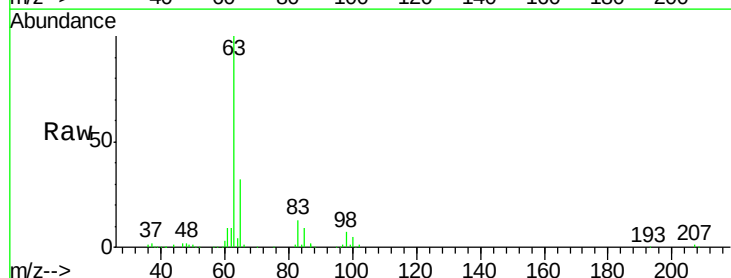
Tgt Ion: 63 Resp: 111767

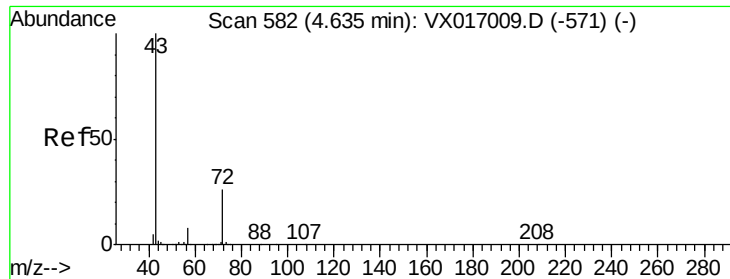
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 5.1 2.4 7.1





#25

2-Butanone

Concen: 89.096 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0706MBS01

Tot Ion: 43 Resp: 212512

Ion Ratio Lower Upper

43 100

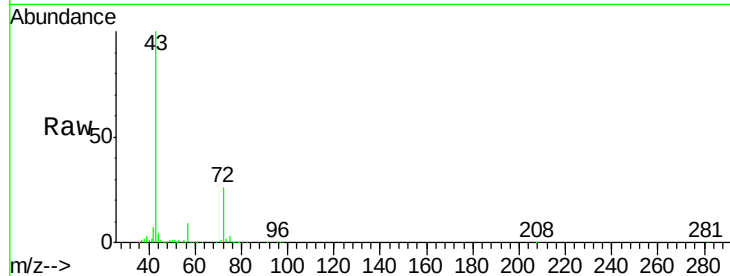
72 25.6 20.8 31.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

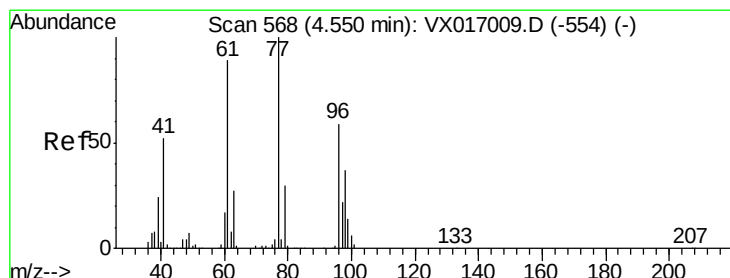
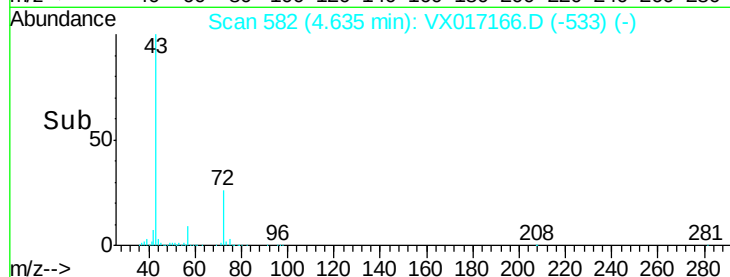
40000

20000

0

Time--> 4.50 4.60 4.70

4.63



#26

2,2-Dichloropropane

Concen: 19.560 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017166.D

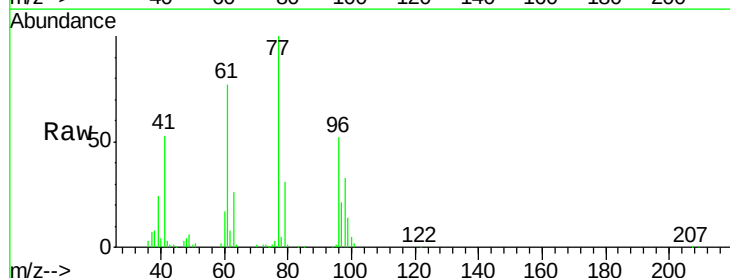
Acq: 06 Jul 2020 14:32

Tgt Ion: 77 Resp: 103803

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

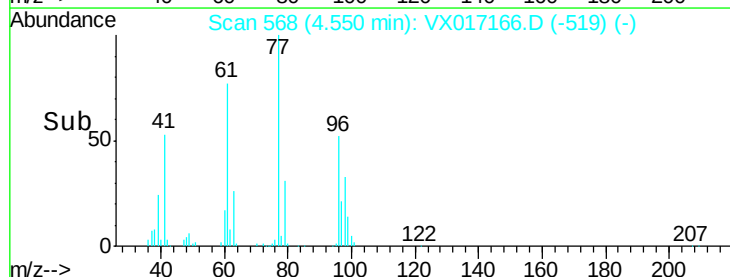
20000

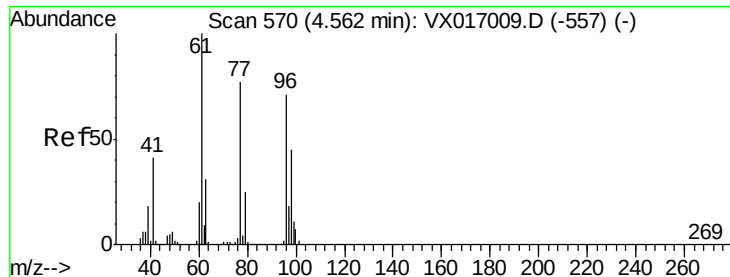
10000

0

Time--> 4.40 4.50 4.60 4.70

4.55





#27

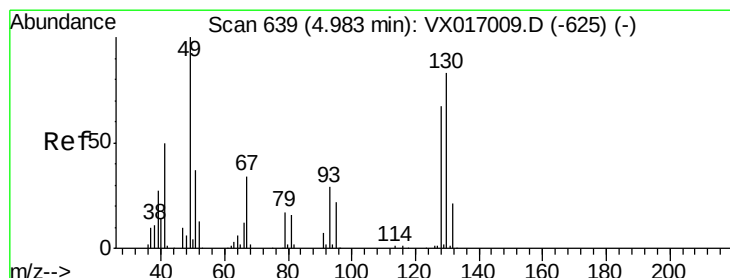
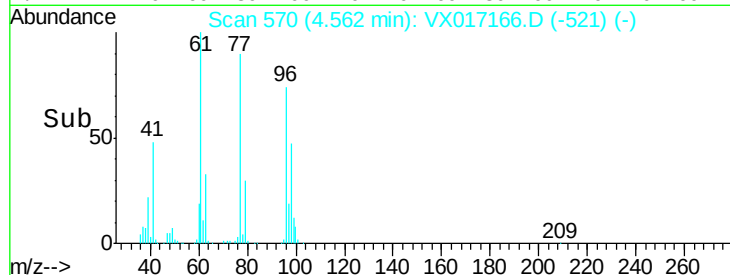
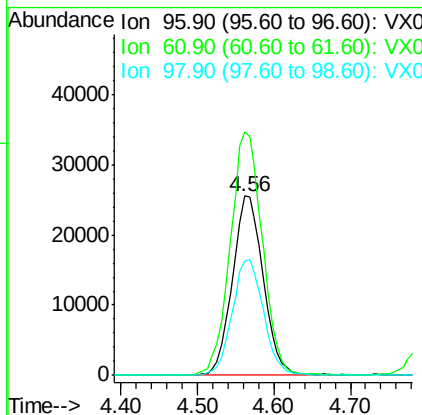
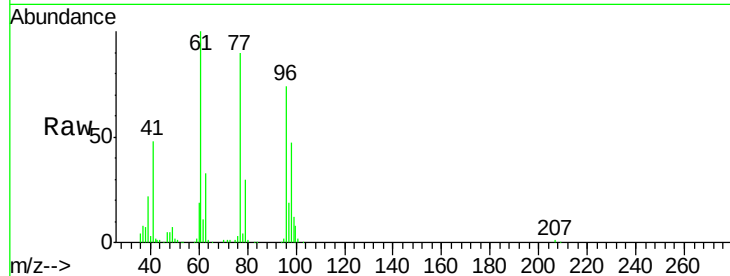
cis-1,2-Dichloroethene
Concen: 18.462 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0706MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	282.8
98	65.3	0.0	127.6

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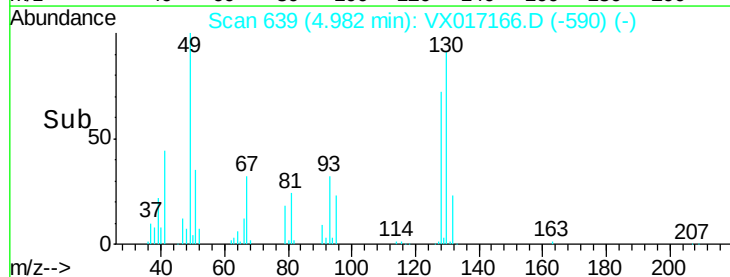
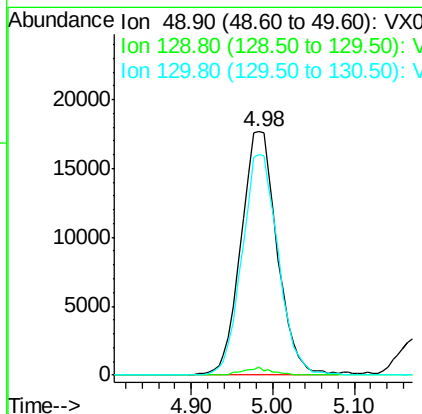
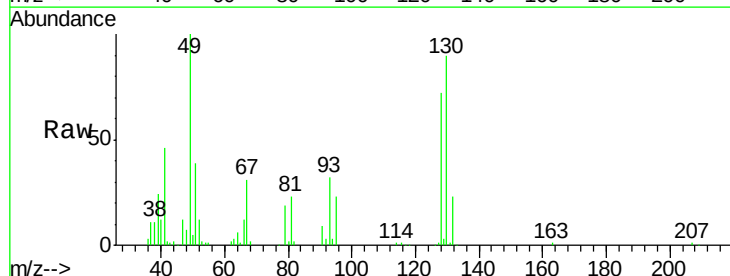
MMDadoda
7/7/2020 12:24:40 PM

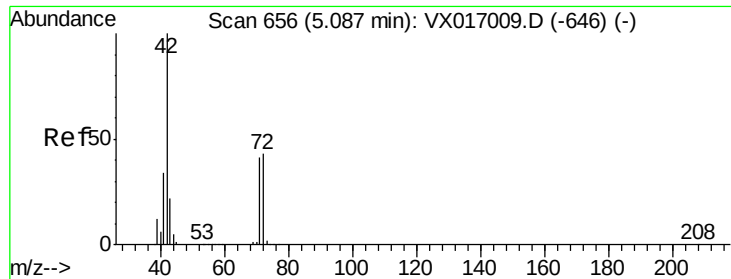


#28

Bromochloromethane
Concen: 18.807 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	90.6	66.6	100.0





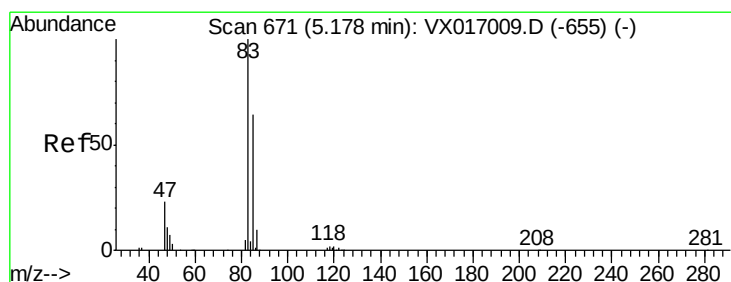
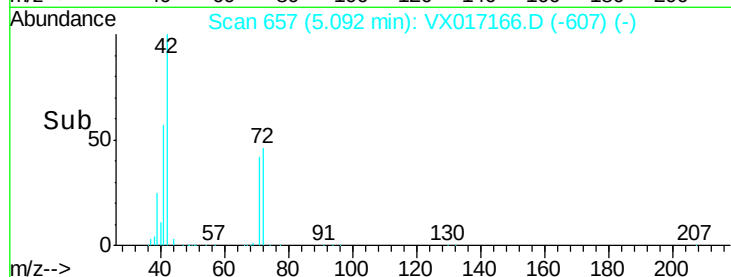
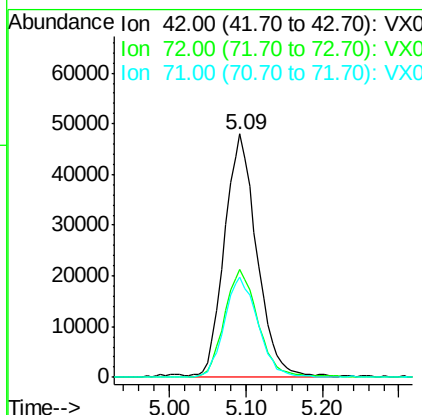
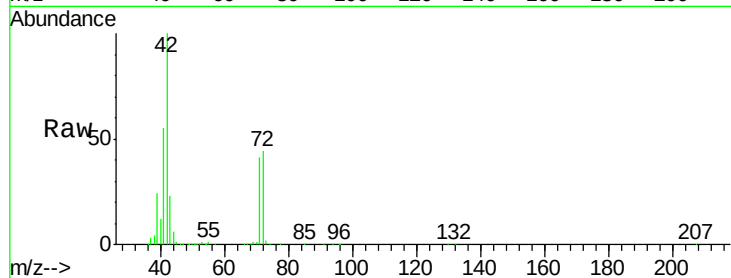
#29
Tetrahydrofuran
Concen: 88.247 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0706MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	35.3	52.9
71	43.1	33.1	49.7

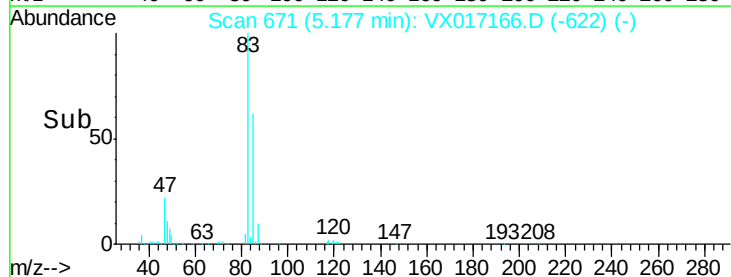
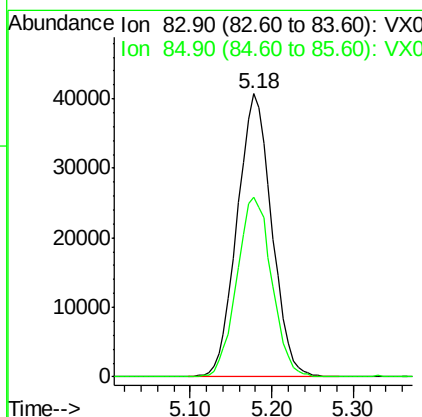
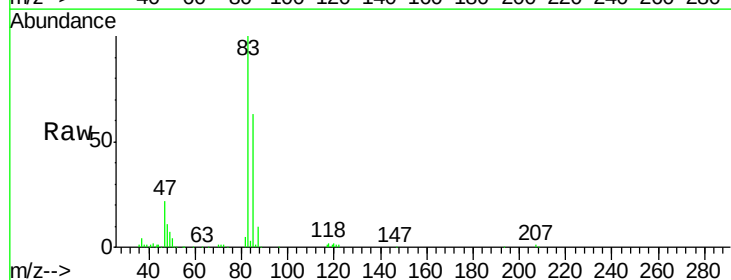
Manual Integrations
APPROVED

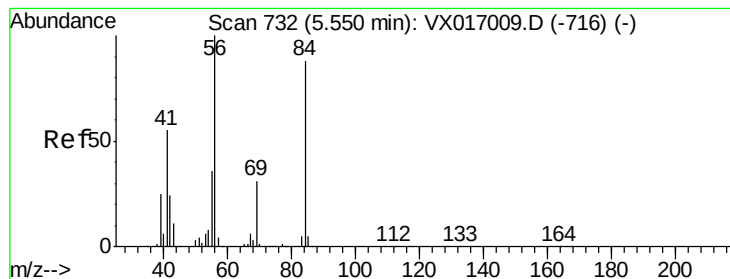
MMDadoda
7/7/2020 12:24:40 PM



#30
Chloroform
Concen: 19.572 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.4	77.2





#31

Cyclohexane

Concen: 18.028 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

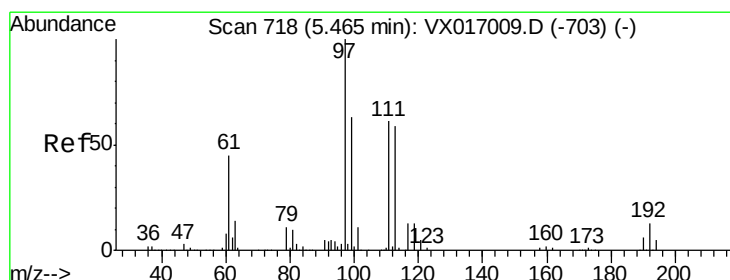
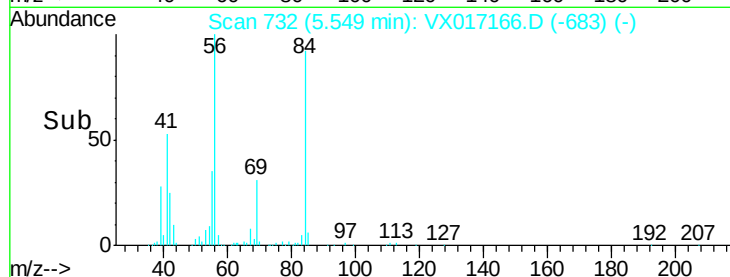
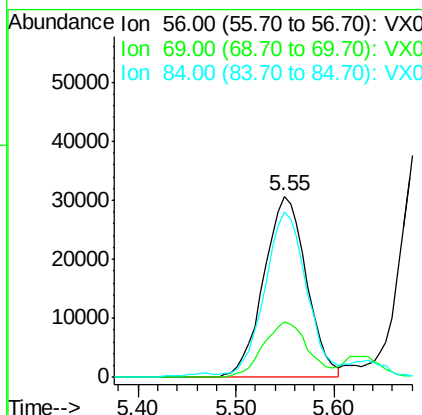
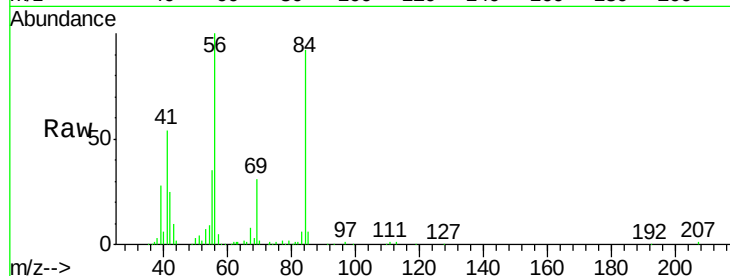
ClientSampleId :

VX0706MBS01

Tot Ion:	56	Resp:	93135
Ion Ratio	Lower	Upper	
56	100		
69	30.6	25.0	37.4
84	90.2	69.1	103.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.096 ug/l

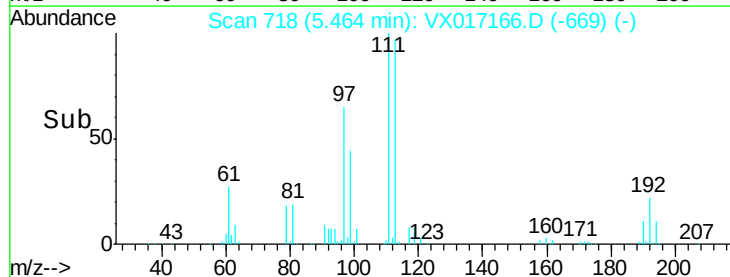
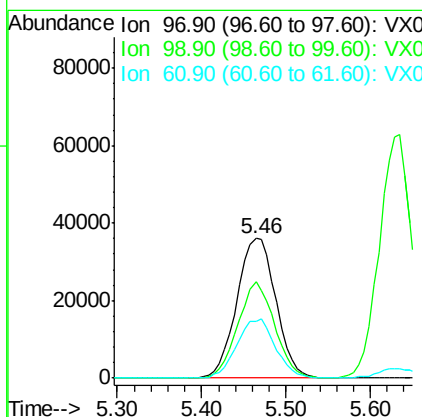
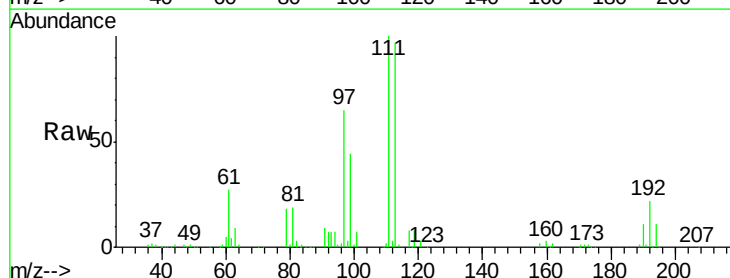
RT: 5.46 min Scan# 718

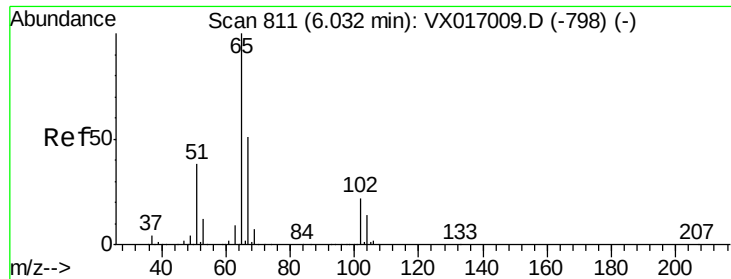
Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Tgt Ion:	97	Resp:	113391
Ion Ratio	Lower	Upper	
97	100		
99	64.7	50.8	76.2
61	41.6	33.7	50.5





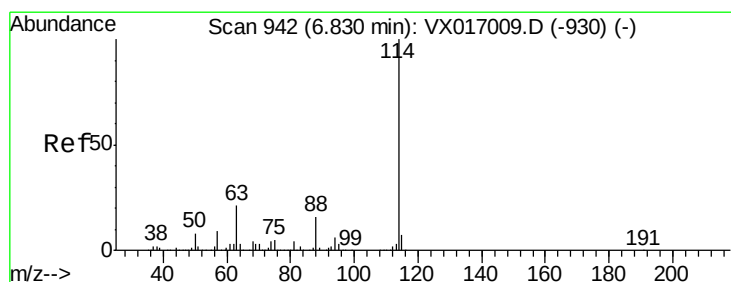
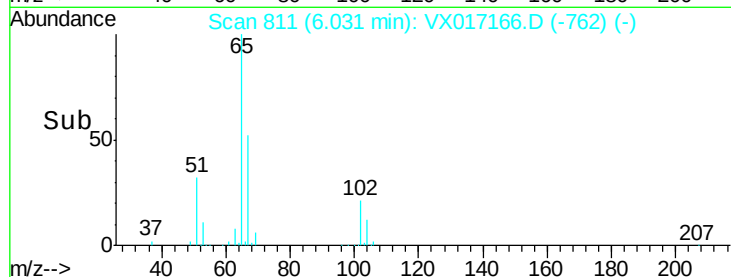
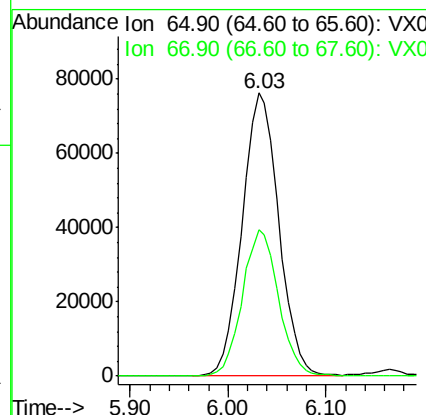
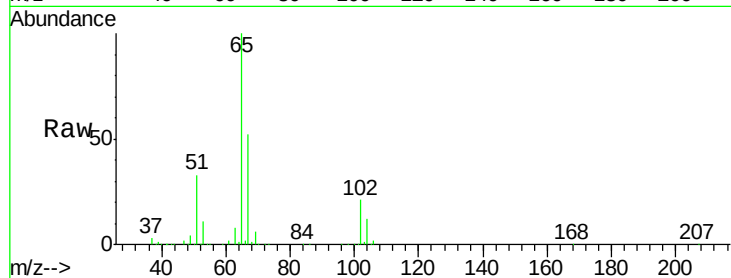
#33
 1,2-Dichloroethane-d4
 Concen: 51.747 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	198010		
67	51.1	0.0	103.8	

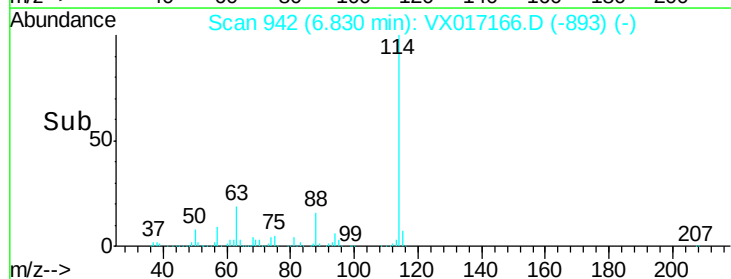
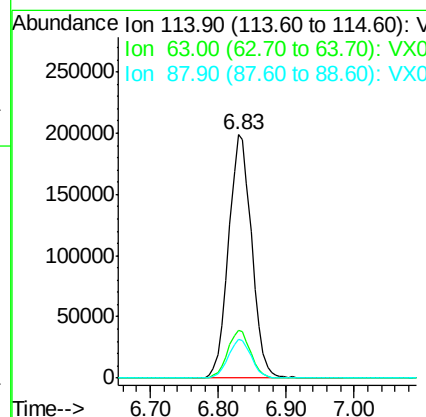
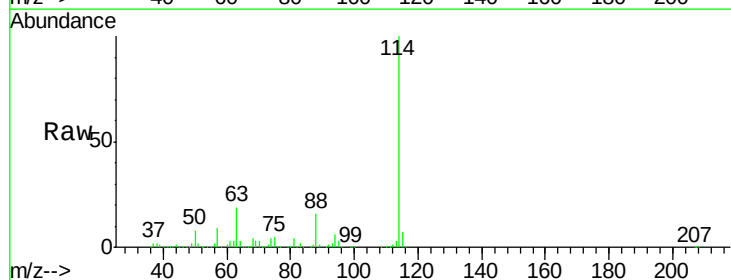
Manual Integrations
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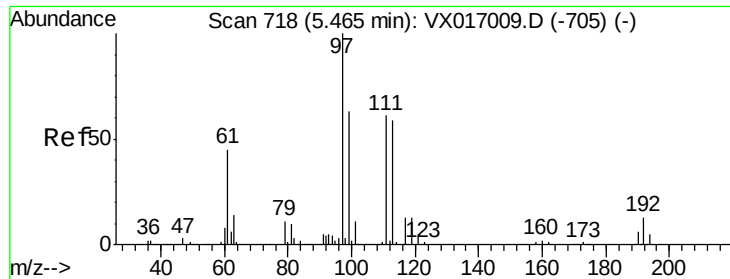
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	467357		
63	19.4	0.0	41.4	
88	16.1	0.0	32.4	





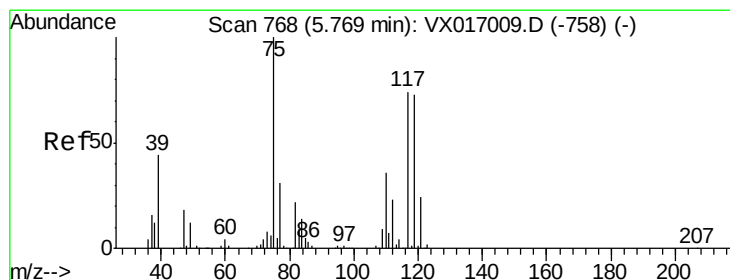
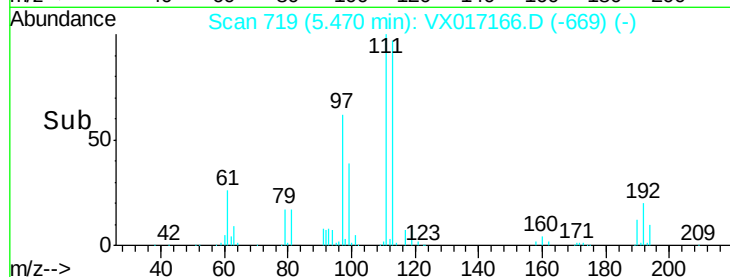
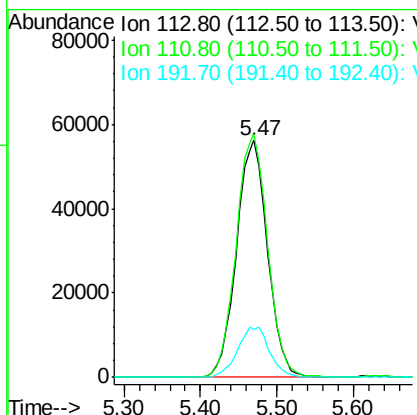
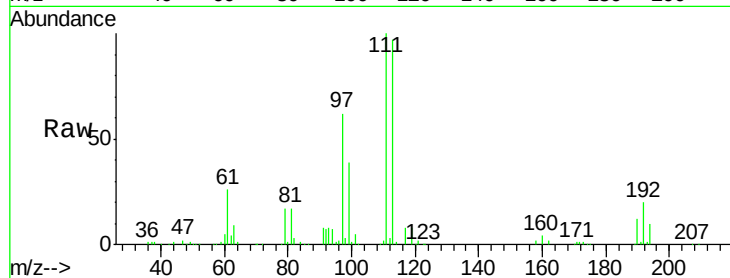
#35
 Dibromofluoromethane
 Concen: 53.510 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	158195		
111	104.2	81.9	122.9	
192	22.0	16.7	25.1	

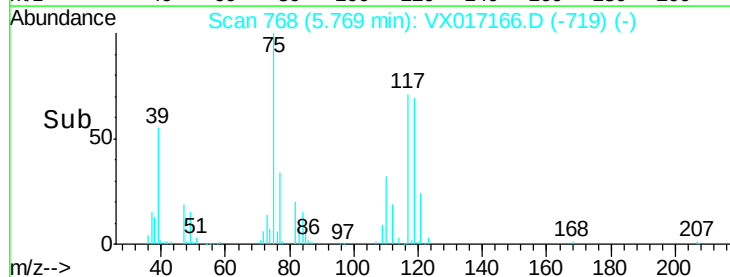
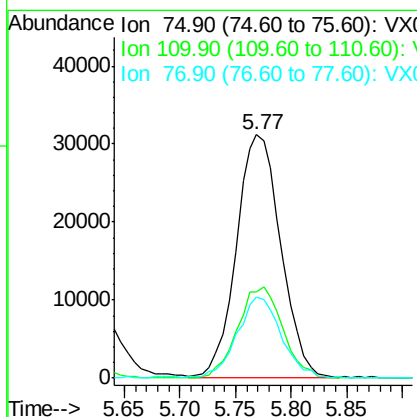
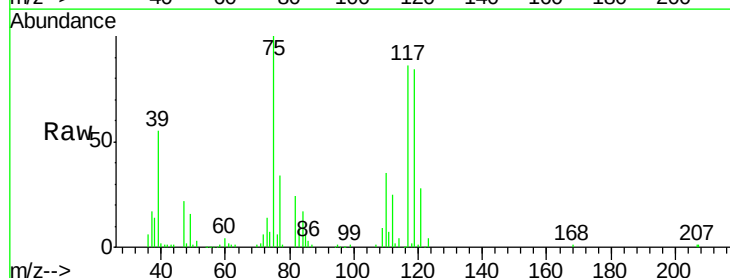
Manual Integrations
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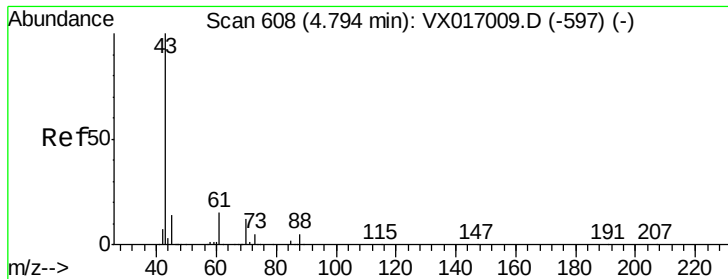
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#36
 1,1-Dichloropropene
 Concen: 19.376 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	85584		
110	38.4	18.1	54.1	
77	33.6	24.6	37.0	





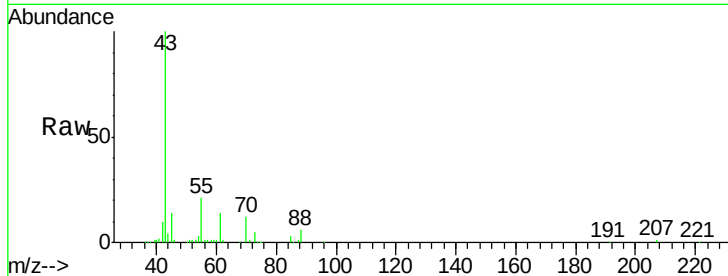
#37
Ethyl Acetate
Concen: 18.994 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0706MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.0	16.4
70	11.7	8.9	13.3

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7/7/2020 12:24:40 PM

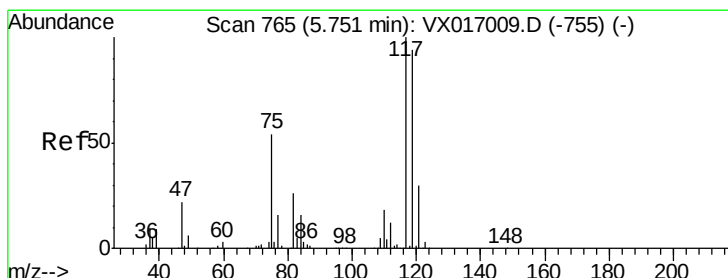
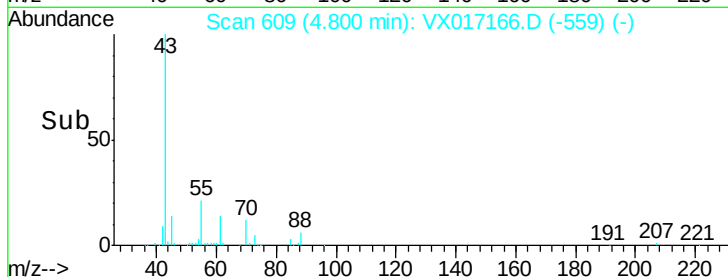
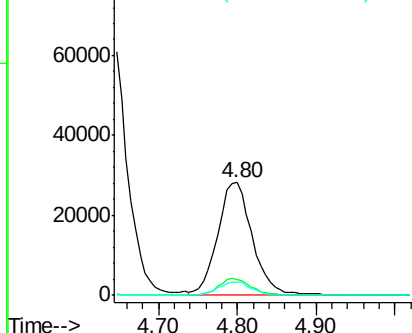


Abundance

Ion 43.00 (42.70 to 43.70): VX0

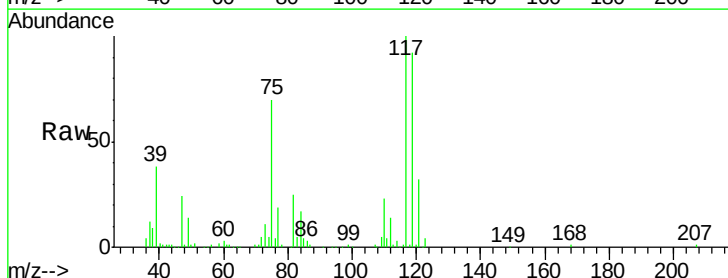
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 21.047 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	75.4	113.0
121	31.5	23.8	35.6

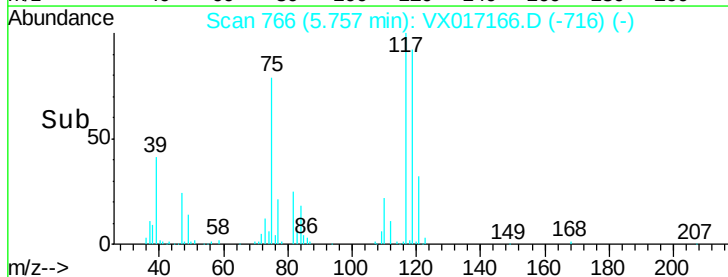
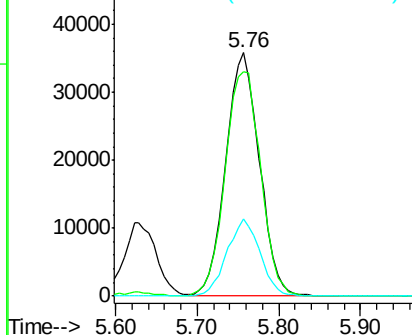


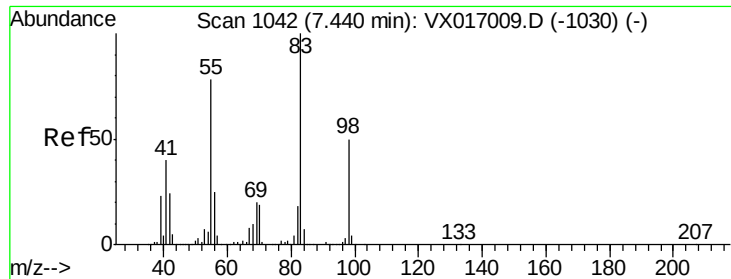
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





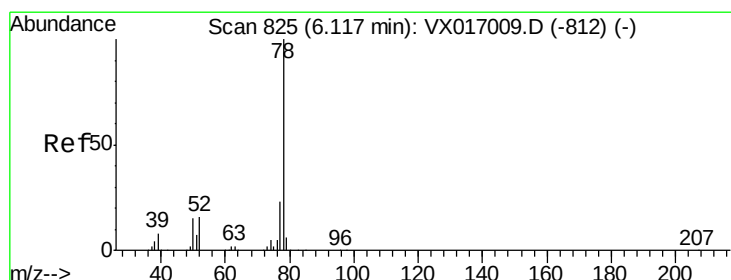
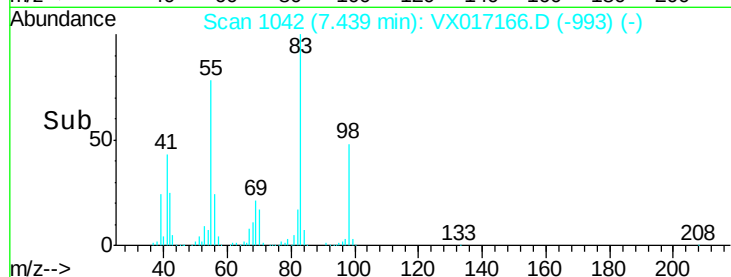
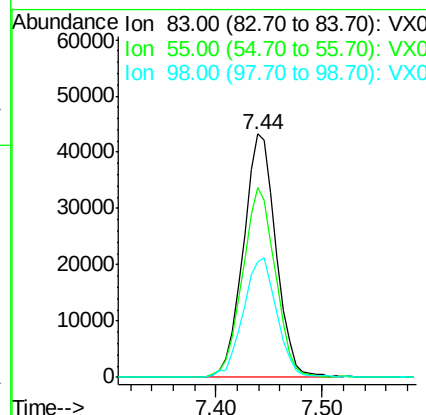
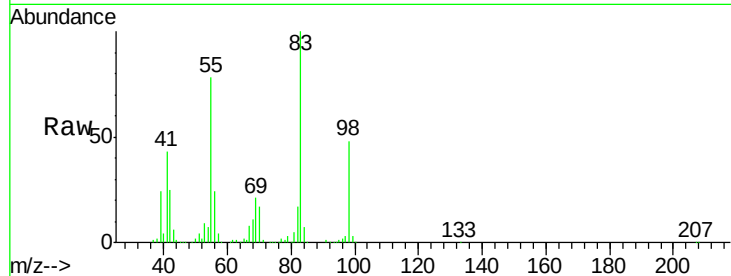
#39
Methylvlcyclohexane
Concen: 18.953 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0706MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	62.5	93.7
98	47.6	40.1	60.1

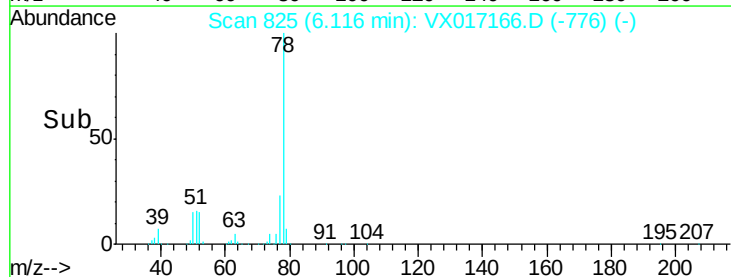
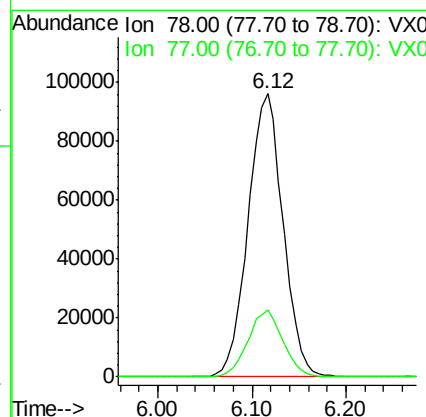
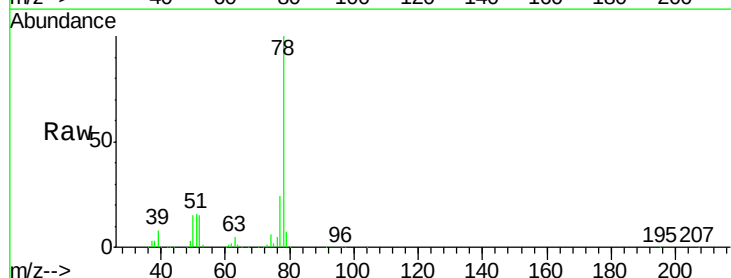
Manual Integrations
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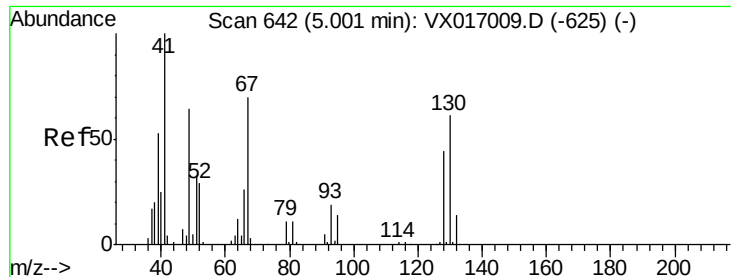
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#40
Benzene
Concen: 19.329 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.3	27.5





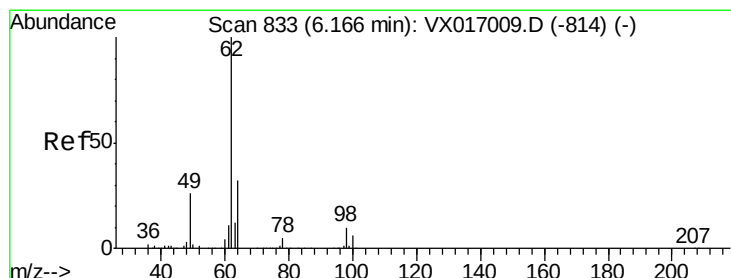
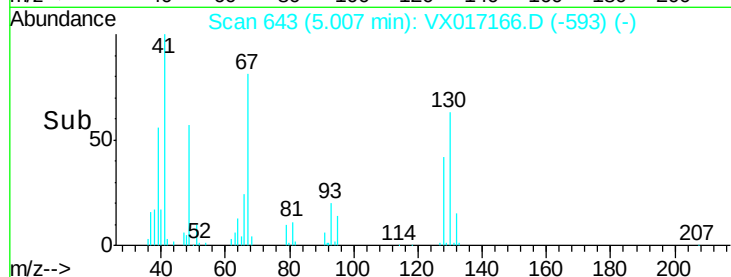
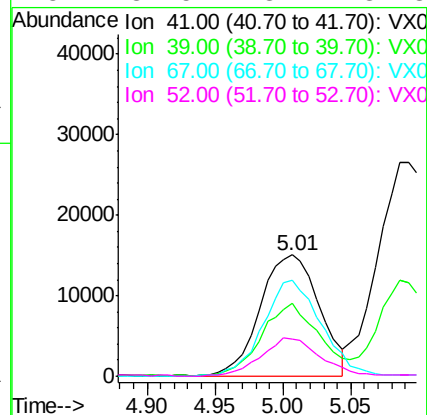
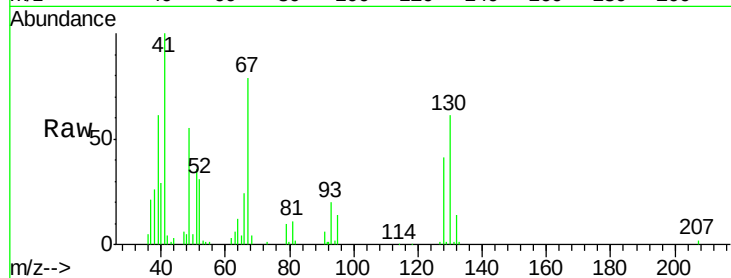
#41
Methacrylonitrile
Concen: 18.224 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0706MBS01

Tot Ion:	41	Resp:	45968
Ion	Ratio	Lower	Upper
41	100		
39	58.4	44.4	66.6
67	78.0	57.1	85.7
52	32.5	23.2	34.8

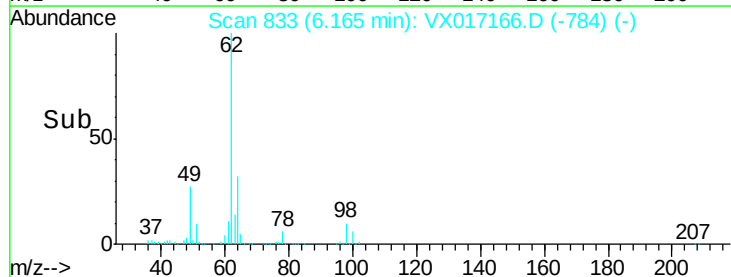
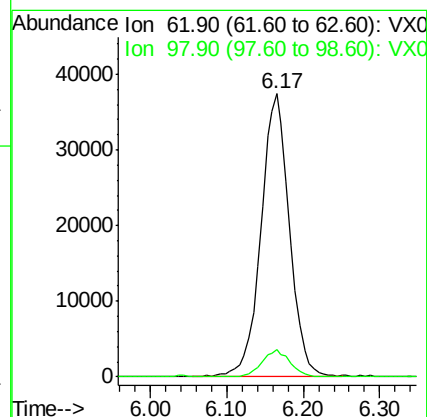
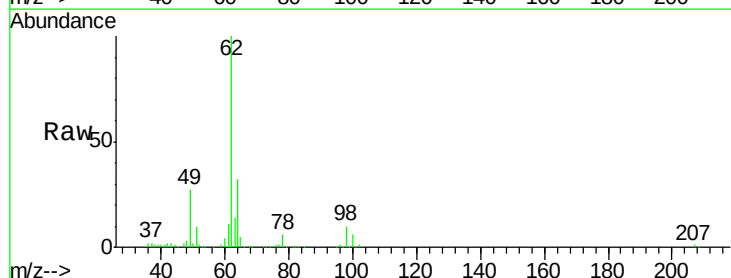
Manual Integrations
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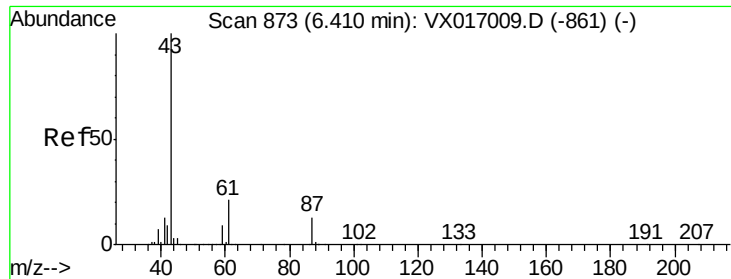
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.773 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Tgt Ion:	62	Resp:	97378
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2





#43

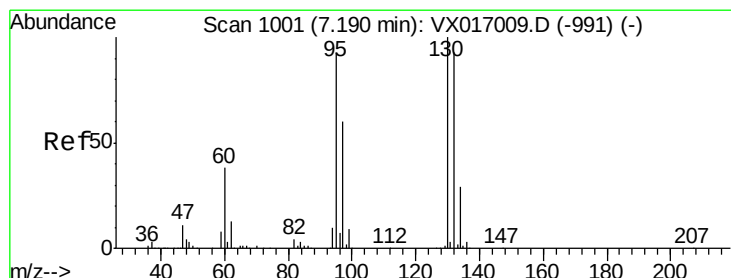
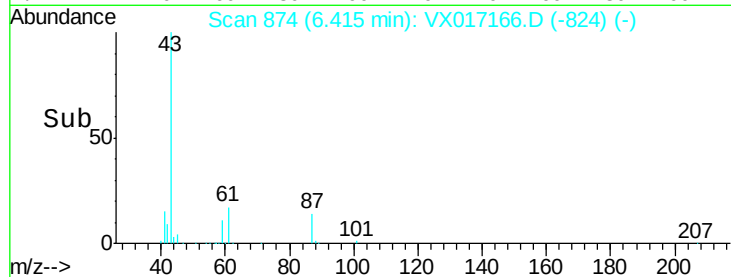
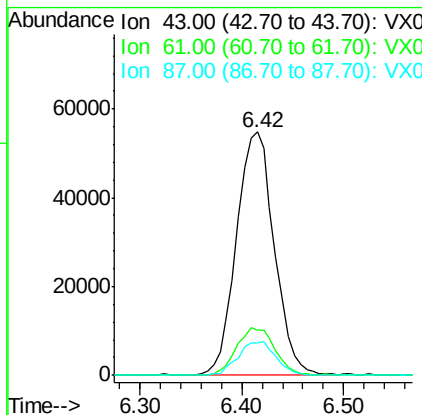
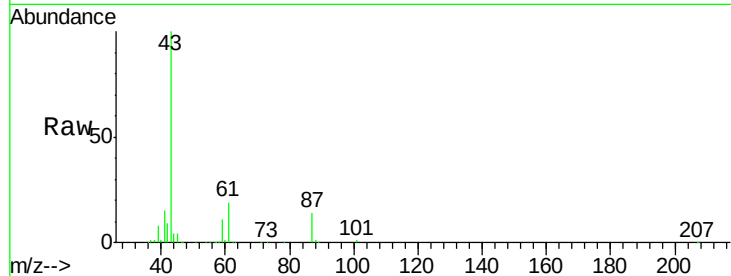
Isopropyl Acetate
 Concen: 18.836 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706MBS01

Tot Ion	43	Resp	140277
Ion Ratio	100	Lower	Upper
43	100		
61	20.2	16.2	24.2
87	14.1	10.7	16.1

Manual Integrations
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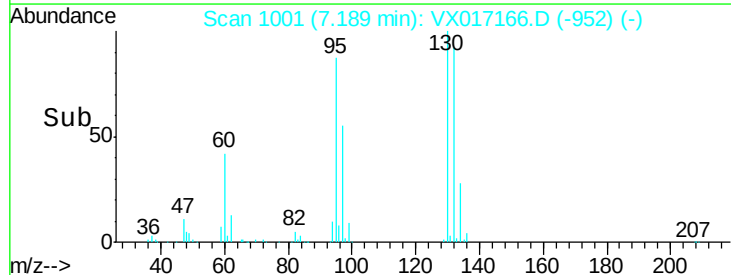
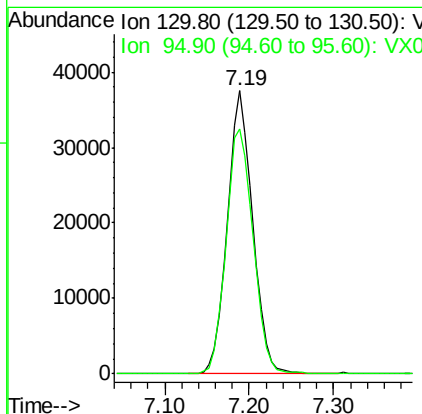
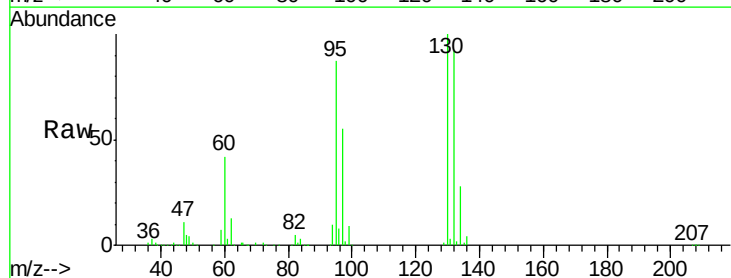
MMDadoda
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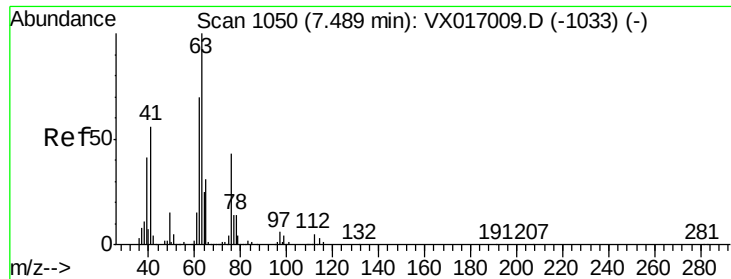


#44

Trichloroethene
 Concen: 21.213 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Tgt Ion	130	Resp	76607
Ion Ratio	100	Lower	Upper
130	100		
95	86.6	0.0	185.0





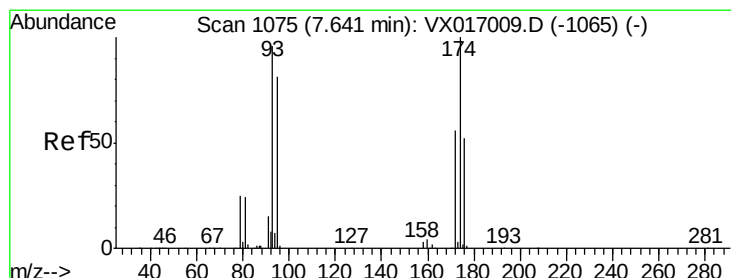
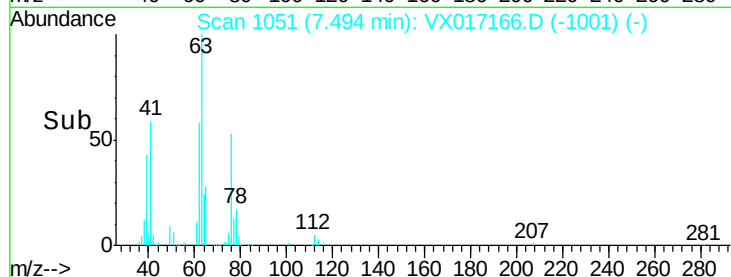
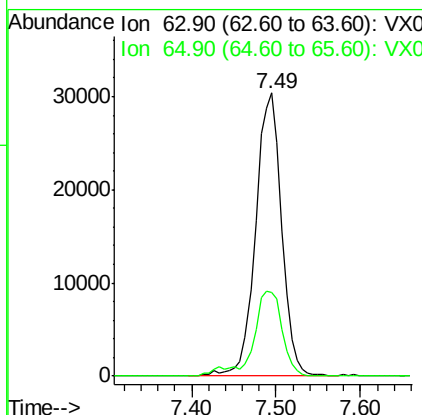
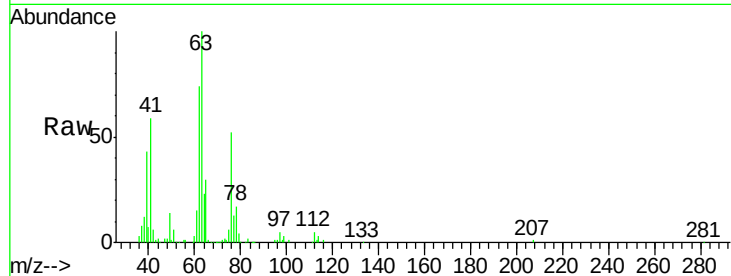
#45
 1,2-Dichloropropane
 Concen: 19.425 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706MBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.5	24.6	36.8

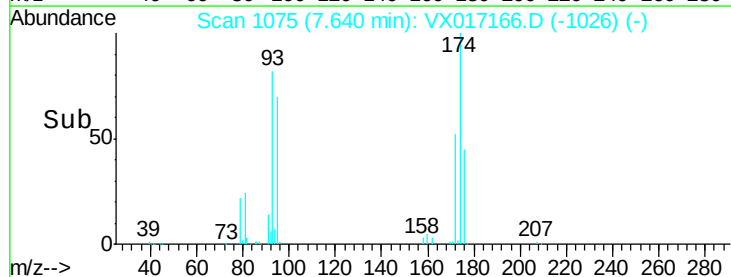
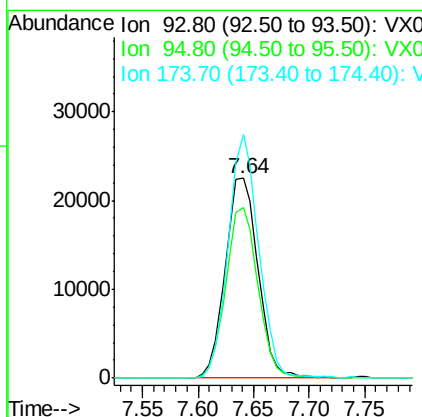
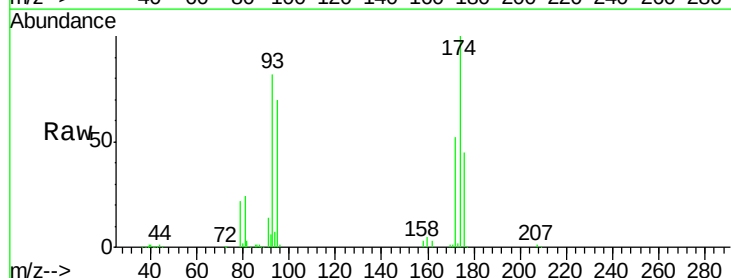
Manual Integrations
 APPROVED

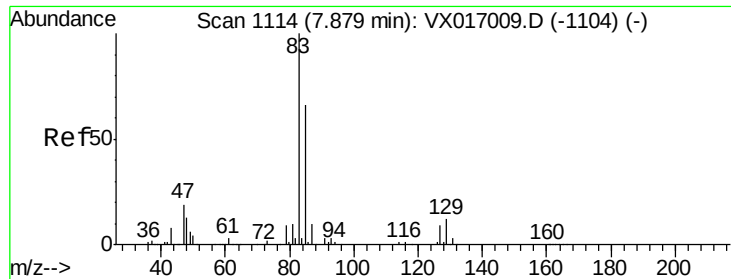
MMDadoda
 7/7/2020 12:24:40 PM



#46
 Dibromomethane
 Concen: 20.193 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	67.4	101.0
174	112.9	84.3	126.5





#47

Bromodichloromethane

Concen: 20.698 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

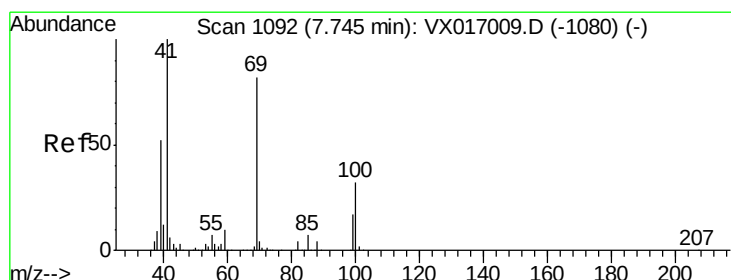
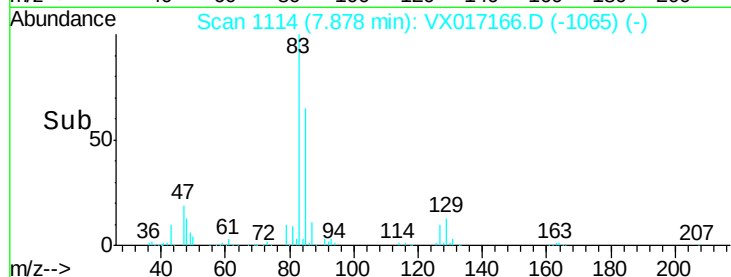
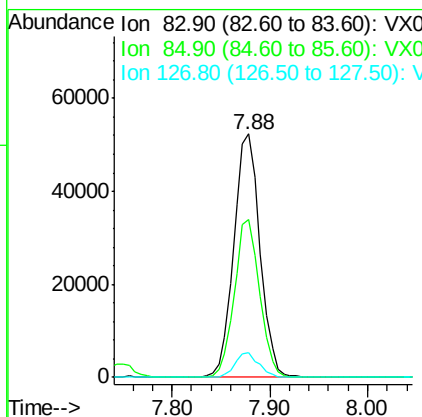
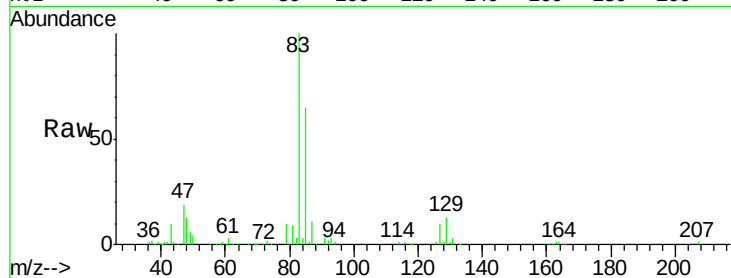
ClientSampleId :

VX0706MBS01

Tot Ion:	83	Resp:	97069
Ion	Ratio	Lower	Upper
83	100		
85	65.1	53.0	79.4
127	10.2	7.5	11.3

Manual Integrations
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MMDadoda
7/7/2020 12:24:40 PM



#48

Methyl methacrylate

Concen: 19.743 ug/l

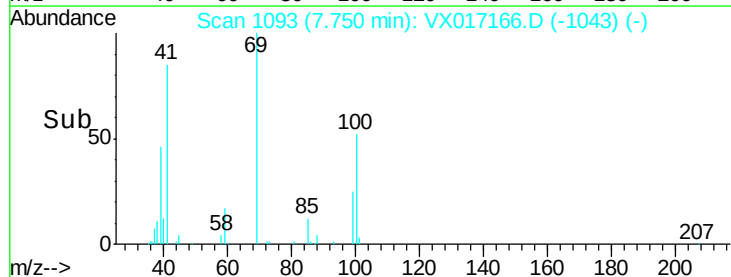
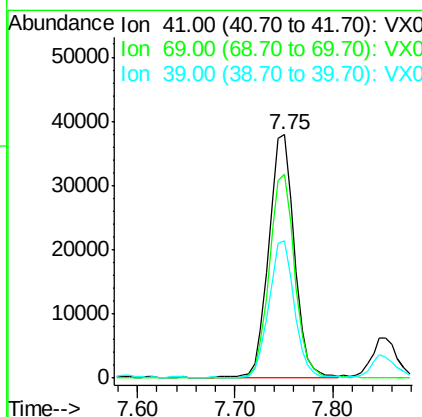
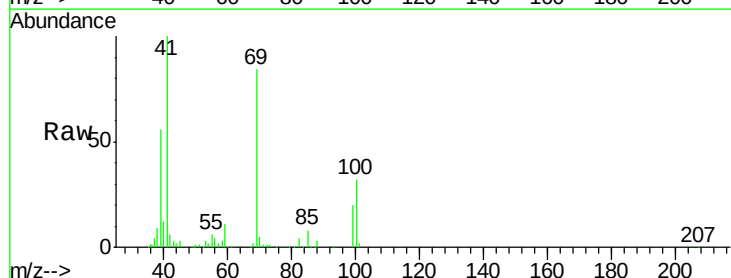
RT: 7.75 min Scan# 1093

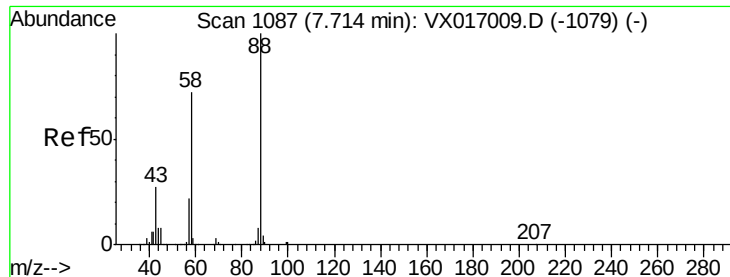
Delta R.T. 0.01 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Tgt Ion:	41	Resp:	69854
Ion	Ratio	Lower	Upper
41	100		
69	82.7	65.8	98.8
39	55.1	42.5	63.7





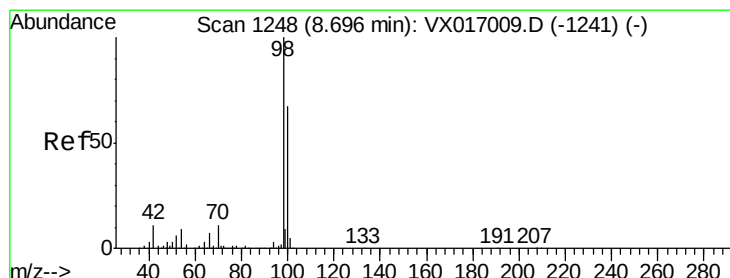
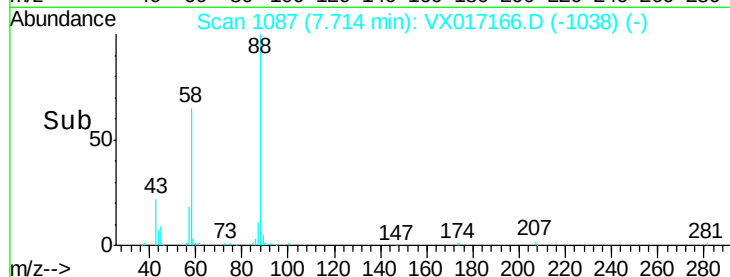
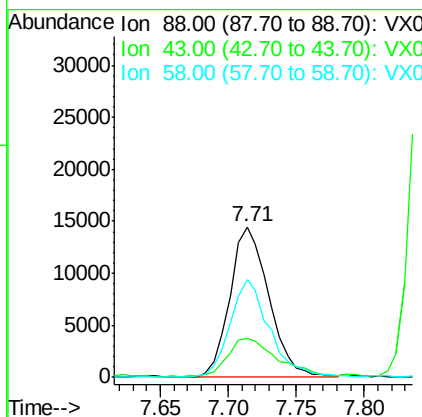
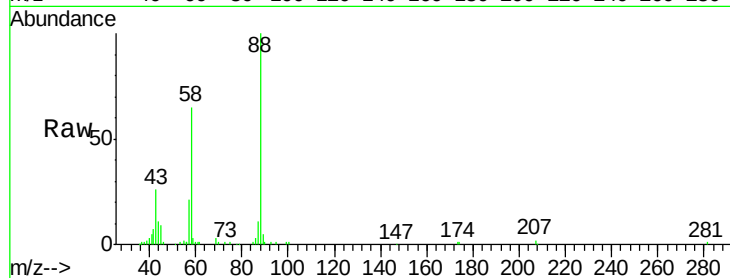
#49
1,4-Dioxane
Concen: 360.839 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0706MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	25.8	38.8
58	66.0	54.8	82.2

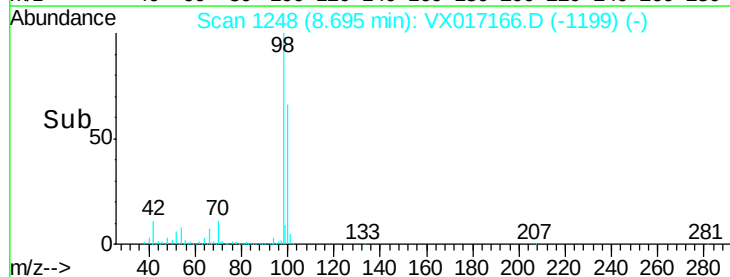
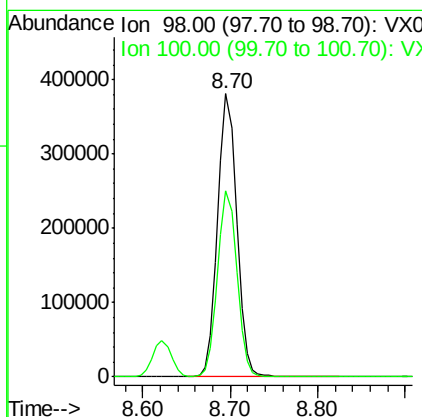
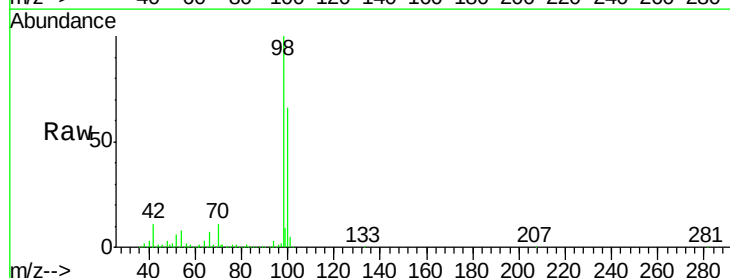
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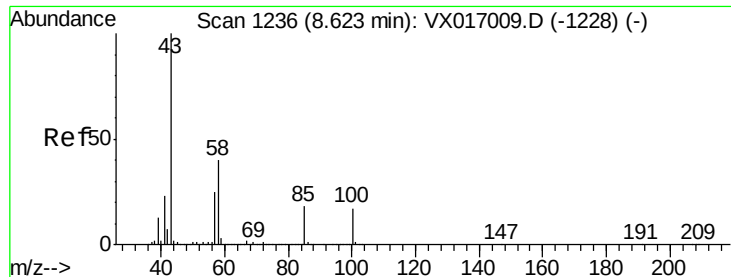
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7/7/2020 12:24:40 PM



#50
Toluene-d8
Concen: 53.074 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.8	80.6





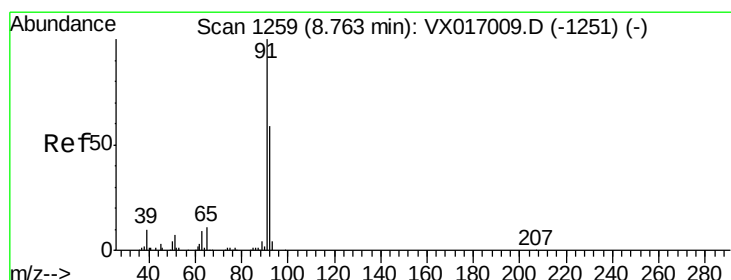
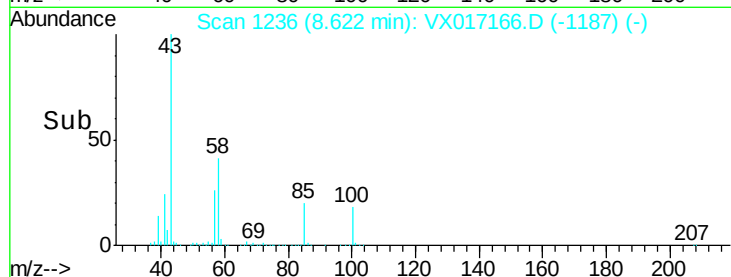
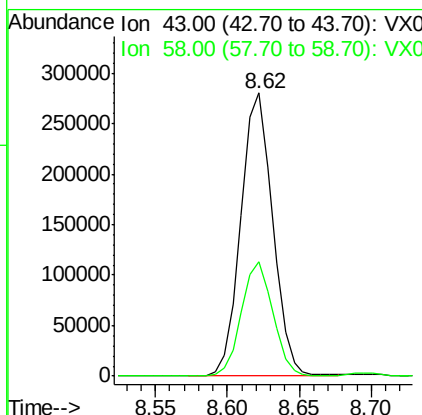
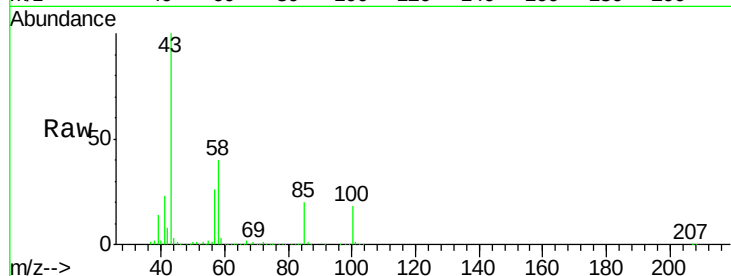
#51
 4-Methyl-2-Pentanone
 Concen: 97.052 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.9	47.9

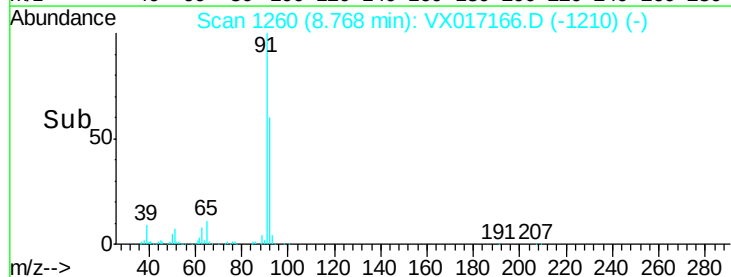
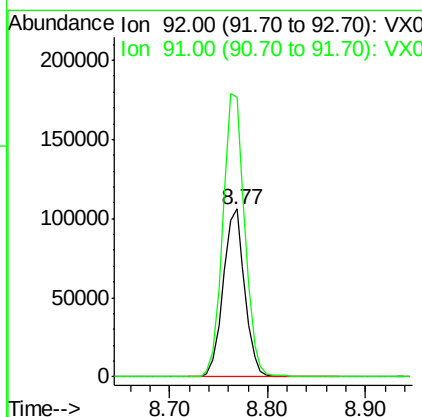
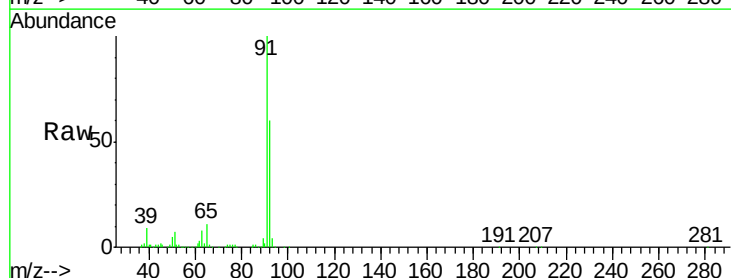
Manual Integrations
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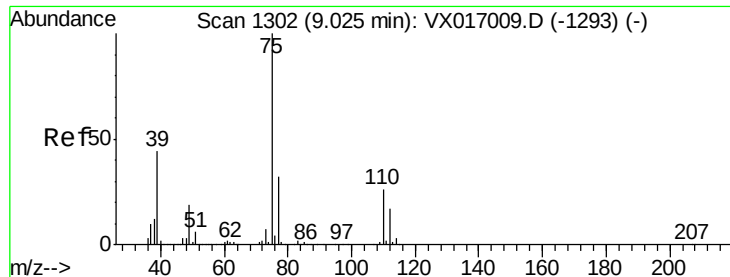
MMDadoda
 7/7/2020 12:24:40 PM



#52
 Toluene
 Concen: 19.961 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.8	136.9	205.3





#53

t-1,3-Dichloropropene

Concen: 19.752 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0706MBS01

Tot Ion: 75 Resp: 102205

Ion Ratio Lower Upper

75 100

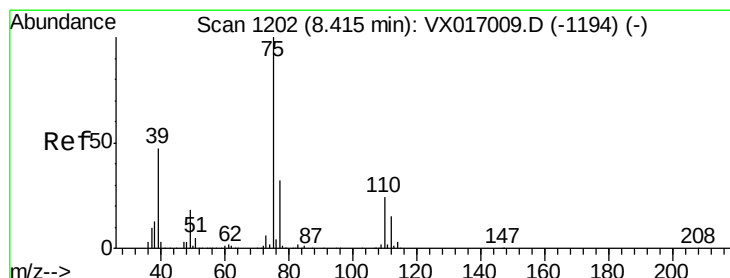
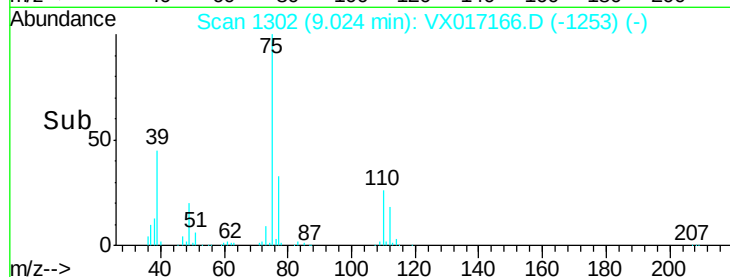
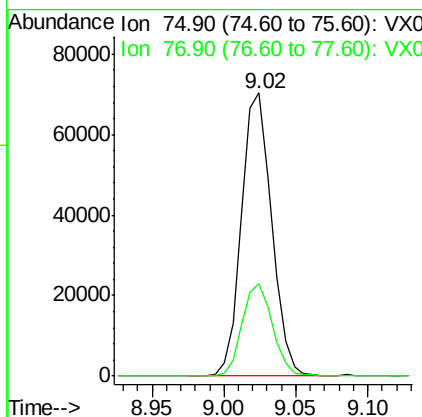
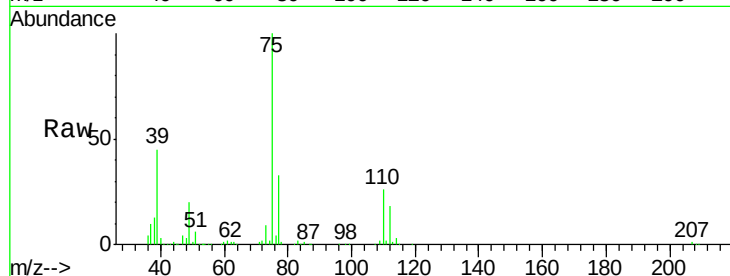
77 32.8 25.6 38.4

Manual Integrations

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7/7/2020 12:24:40 PM



#54

cis-1,3-Dichloropropene

Concen: 20.147 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

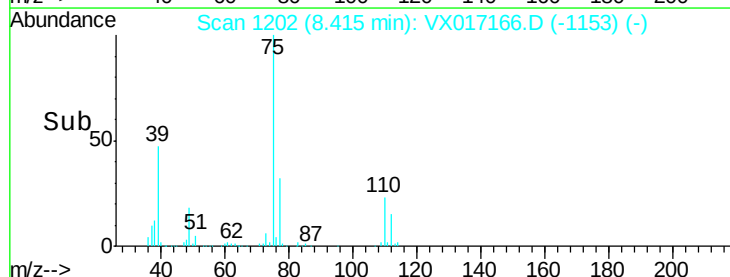
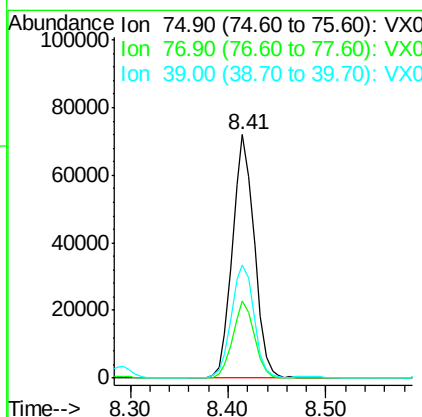
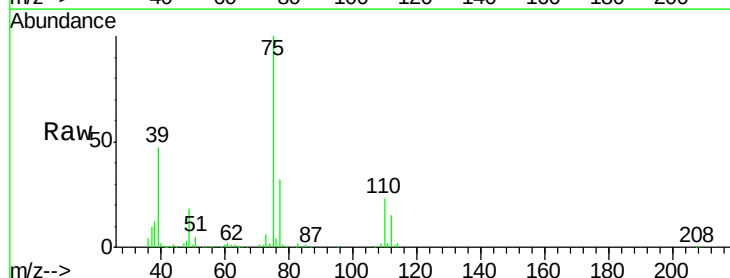
Tgt Ion: 75 Resp: 111756

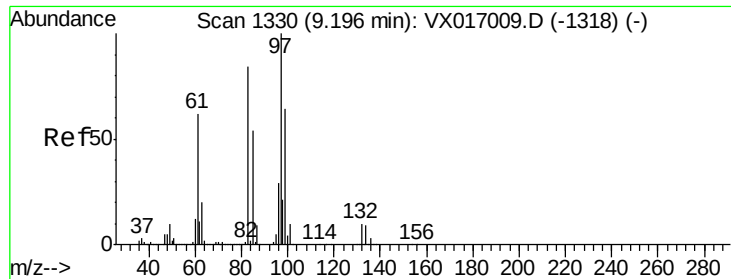
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 46.5 37.4 56.2





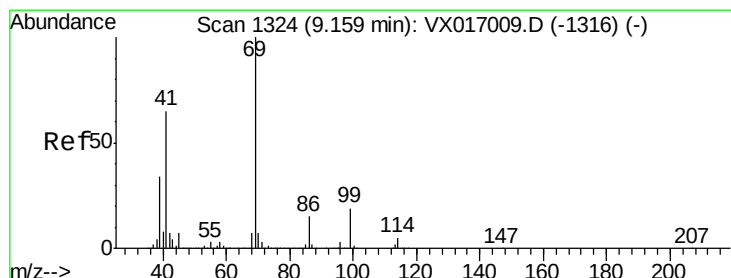
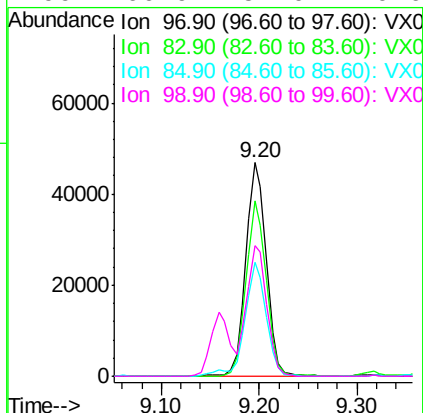
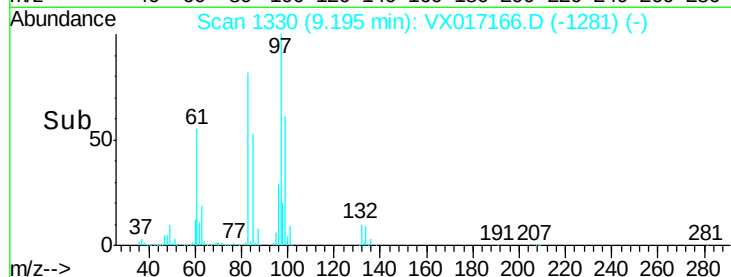
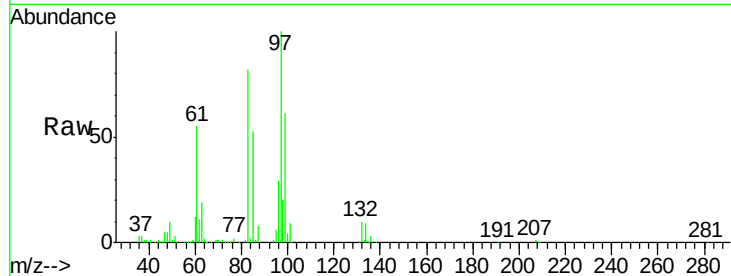
#55
 1,1,2-Trichloroethane
 Concen: 20.579 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706MBS01

Tot Ion	97	Resp:	68129
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.0	100.6
85	53.2	43.5	65.3
99	60.9	51.0	76.6

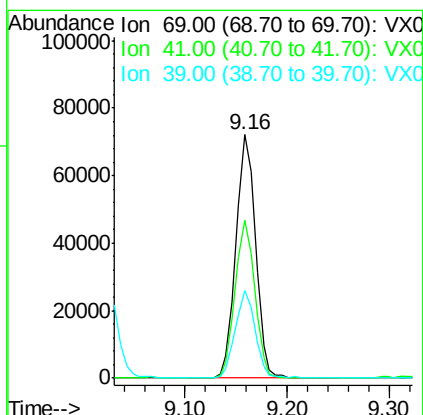
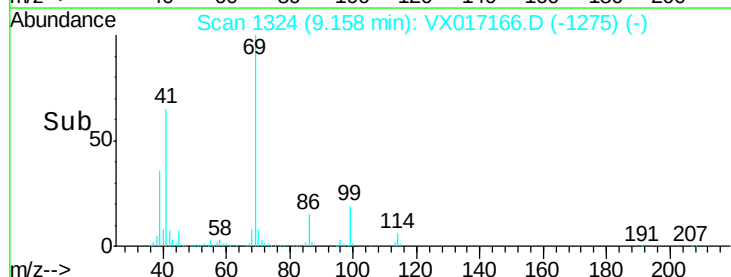
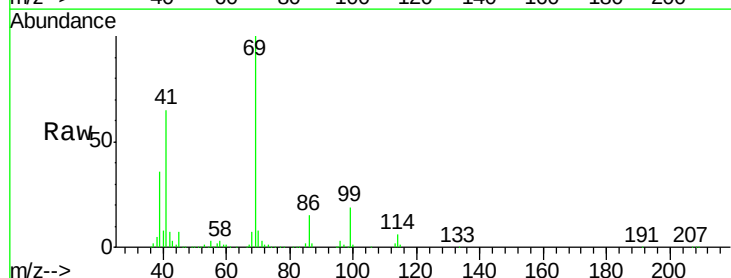
Manual Integrations
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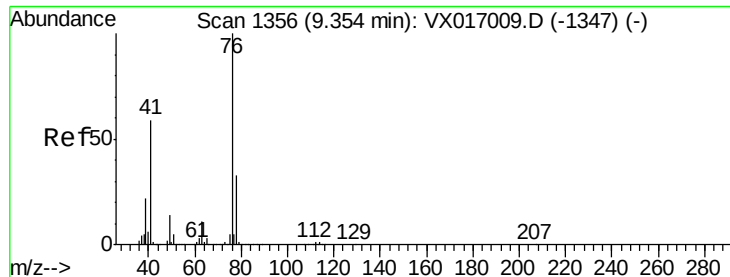
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#56
 Ethyl methacrylate
 Concen: 20.315 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Tgt Ion	69	Resp:	95723
Ion	Ratio	Lower	Upper
69	100		
41	64.4	53.6	80.4
39	36.5	28.2	42.2





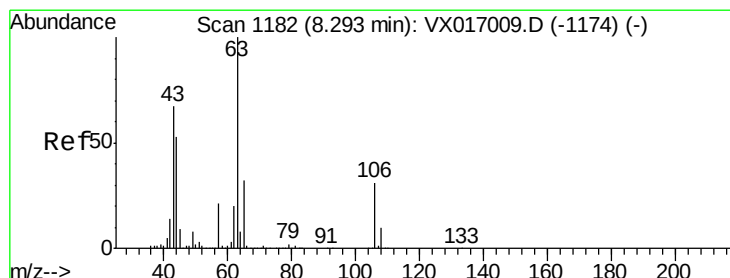
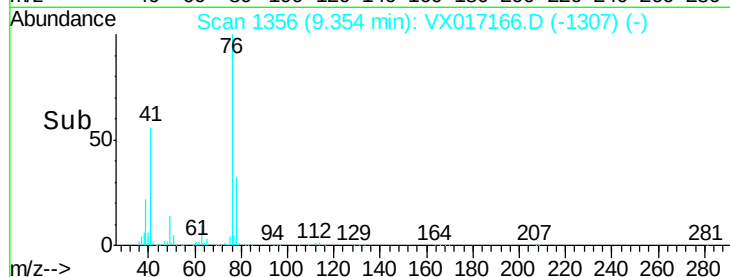
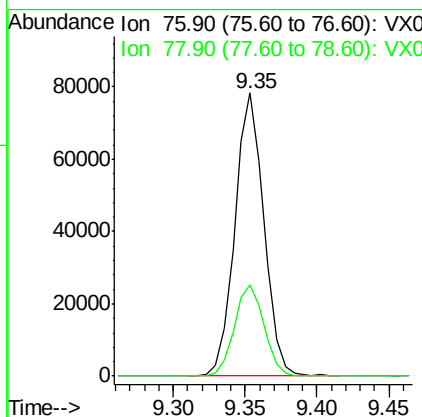
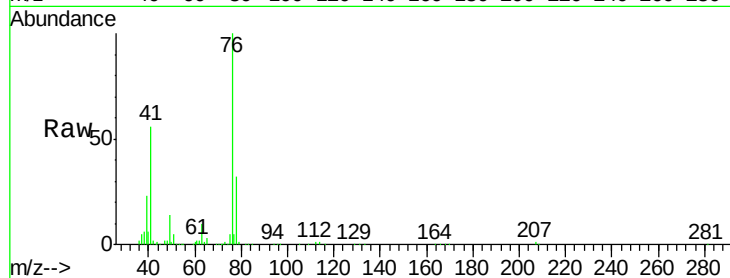
#57
 1,3-Dichloropropane
 Concen: 19.586 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.9	38.9

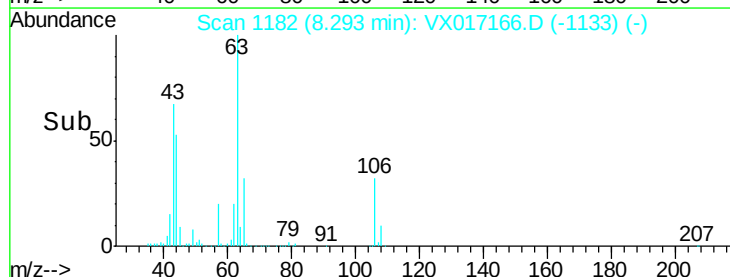
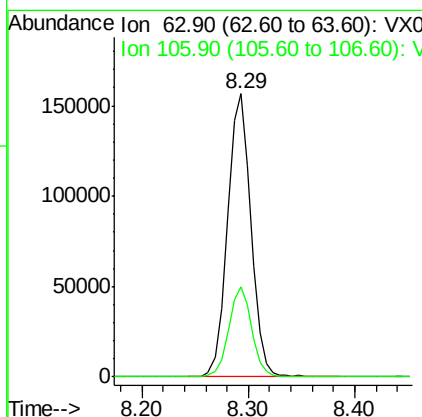
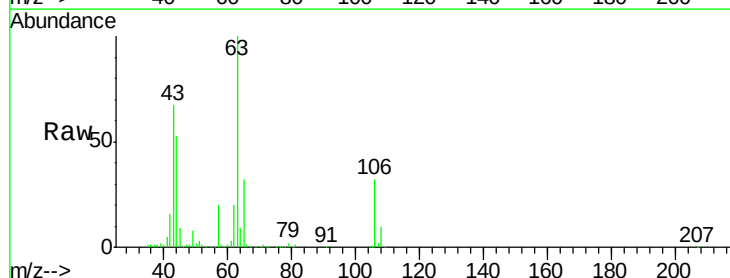
Manual Integrations
 APPROVED

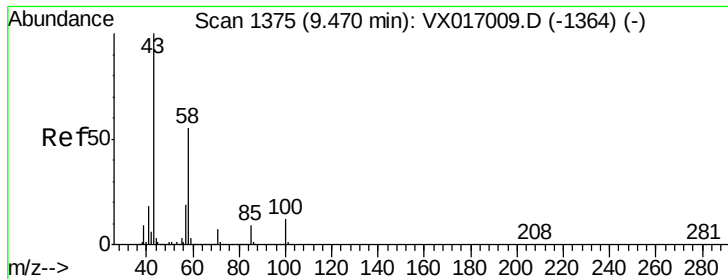
MMDadoda
 7/7/2020 12:24:40 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.582 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.3	24.0	36.0





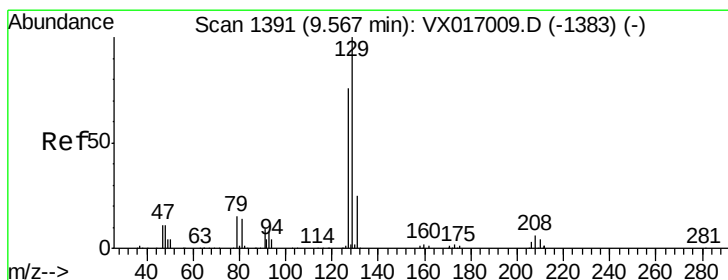
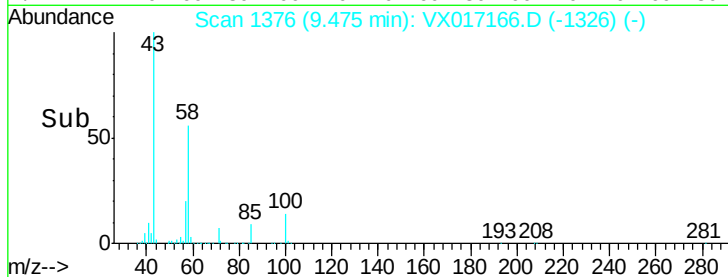
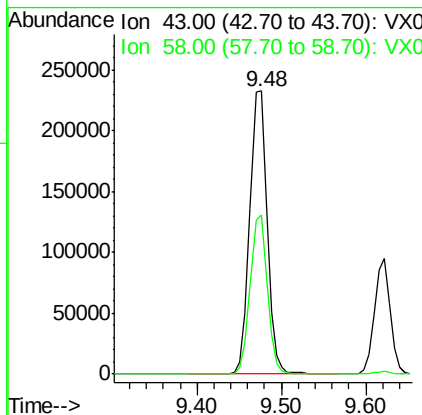
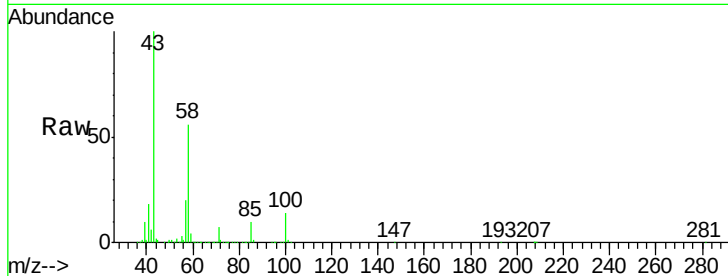
#59
2-Hexanone
Concen: 99.431 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Instrument :
MSVOA_X
ClientSampled :
VX0706MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	27.9	83.6

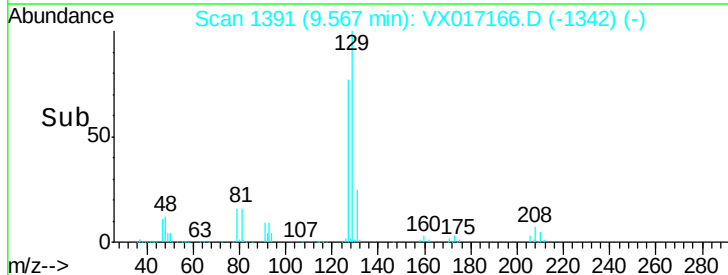
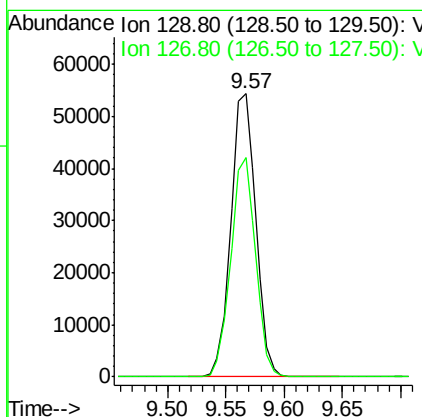
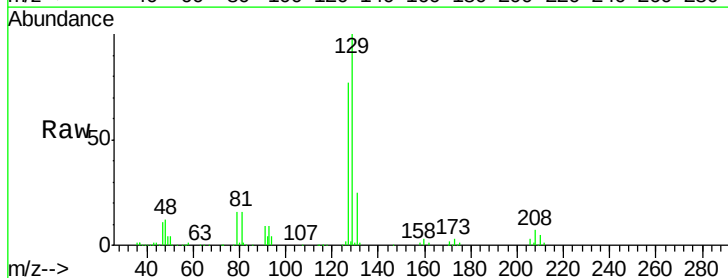
Manual Integrations
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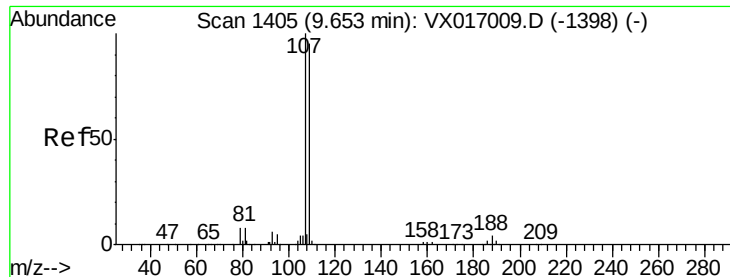
MMDadoda
7/7/2020 12:24:40 PM



#60
Dibromochloromethane
Concen: 21.200 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.9	116.7





#61

1,2-Dibromoethane

Concen: 20.750 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0706MBS01

Tot Ion: 107 Resp: 73841

Ion Ratio Lower Upper

107 100

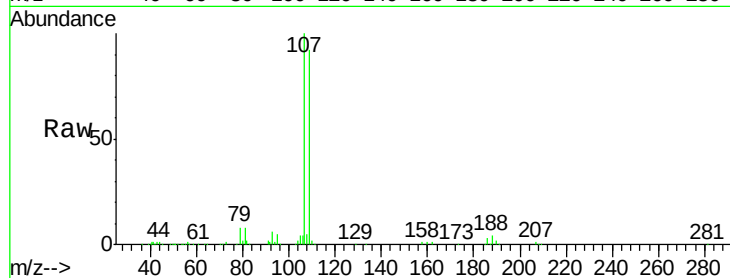
109 91.1 75.8 113.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

60000

50000

40000

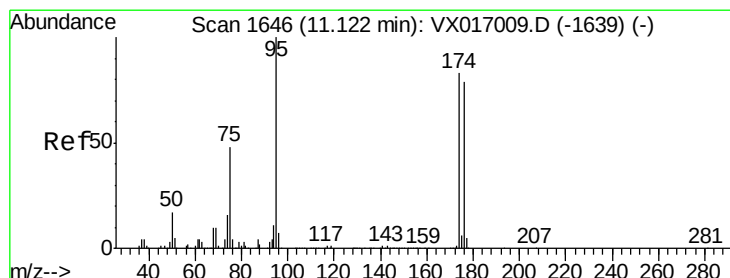
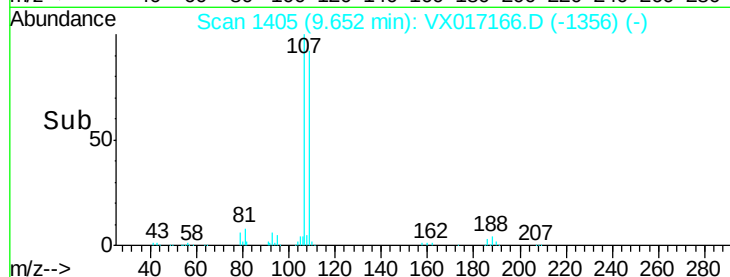
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.171 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

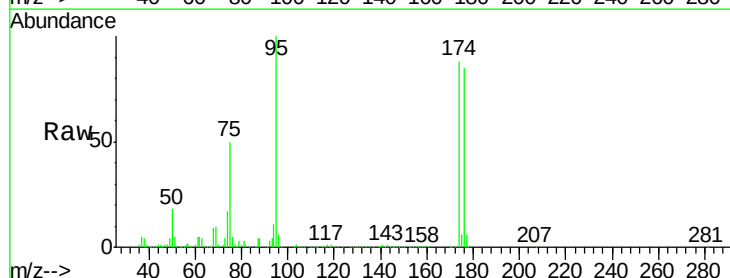
Tgt Ion: 95 Resp: 227225

Ion Ratio Lower Upper

95 100

174 85.4 0.0 164.0

176 84.0 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

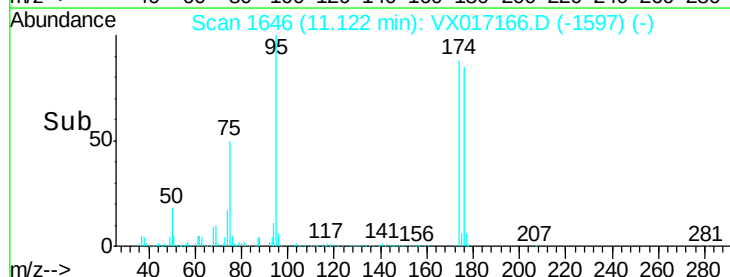
150000

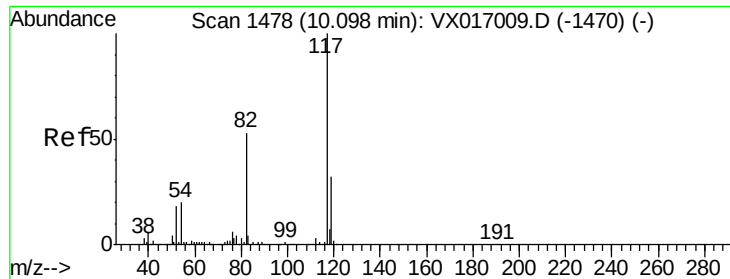
100000

50000

0

Time-->





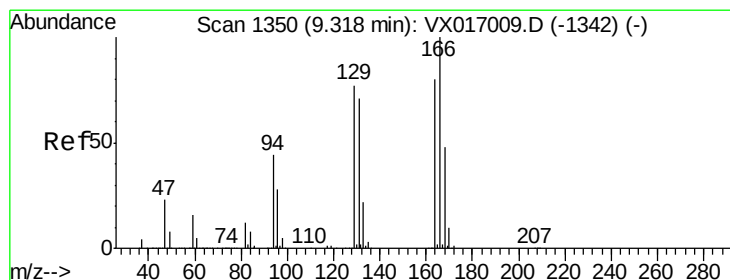
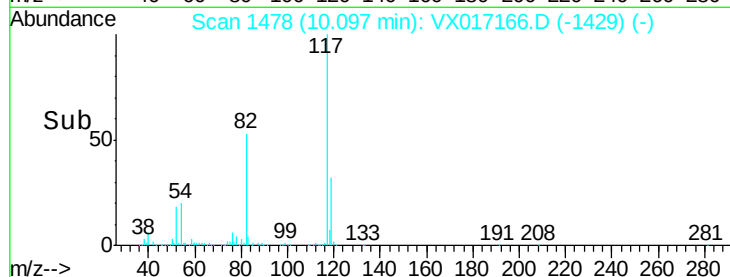
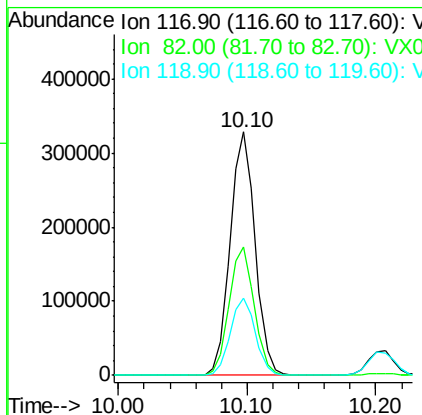
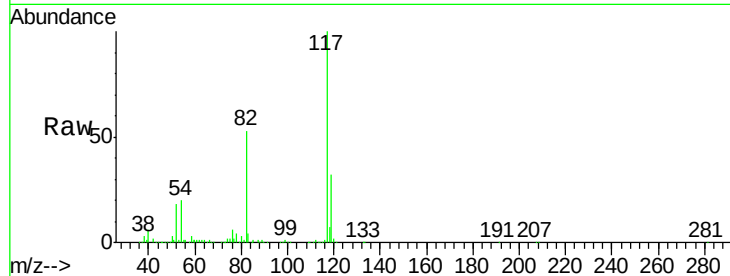
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0706MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.6	63.8
119	31.8	25.4	38.2

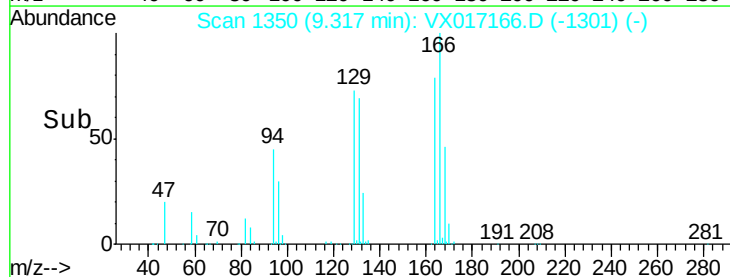
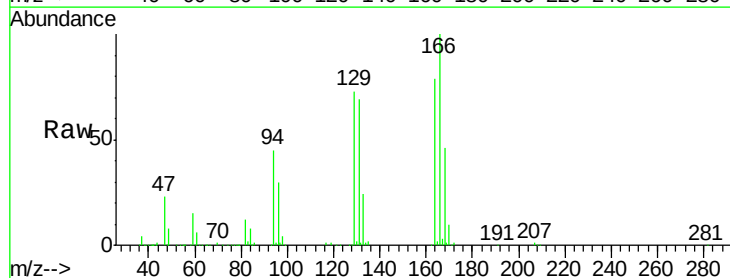
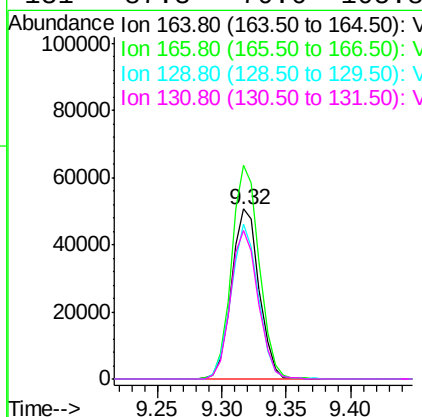
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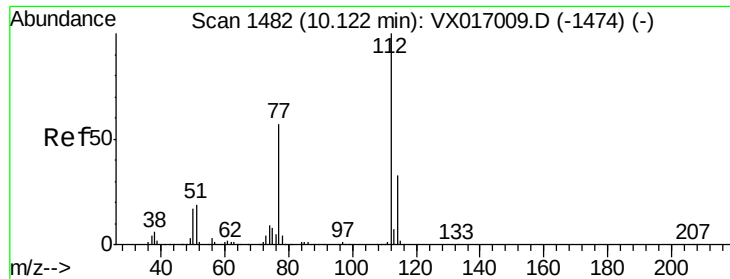
MMDadoda
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#64
Tetrachloroethene
Concen: 20.995 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	99.4	149.0
129	91.6	76.3	114.5
131	87.3	70.6	105.8





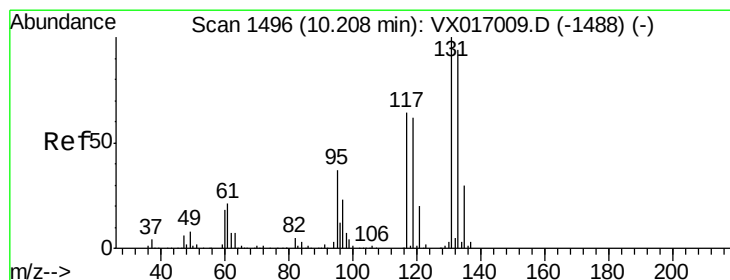
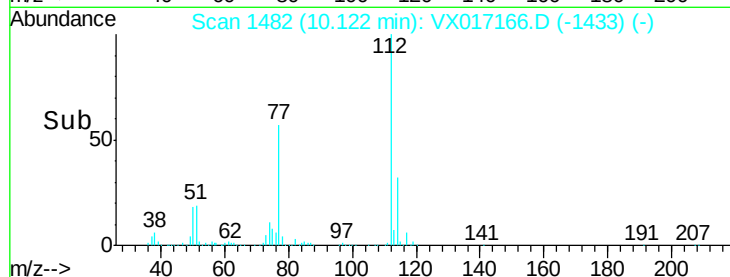
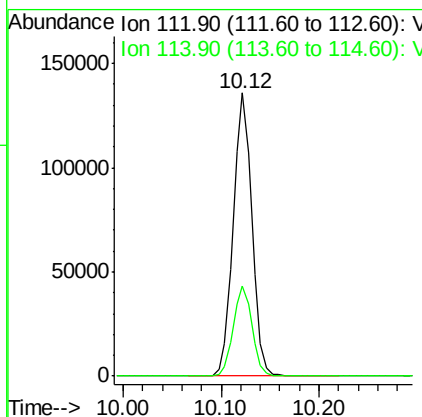
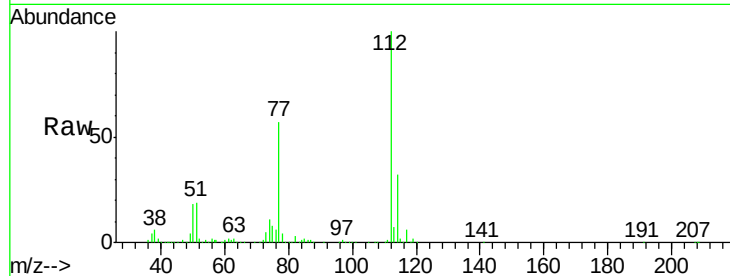
#65
Chlorobenzene
Concen: 19.531 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Instrument :
MSVOA_X
ClientSampled :
VX0706MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.2	39.4

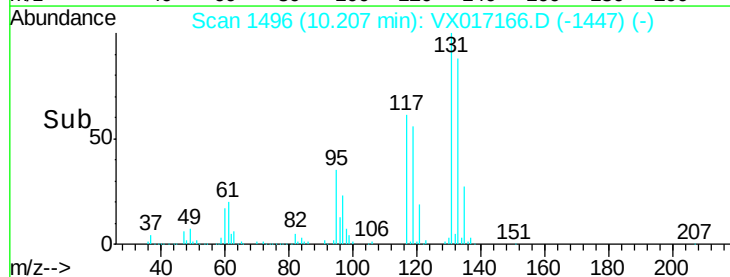
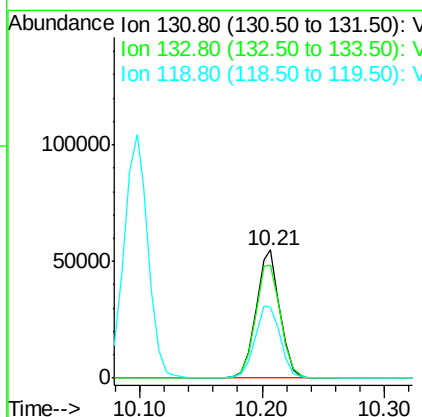
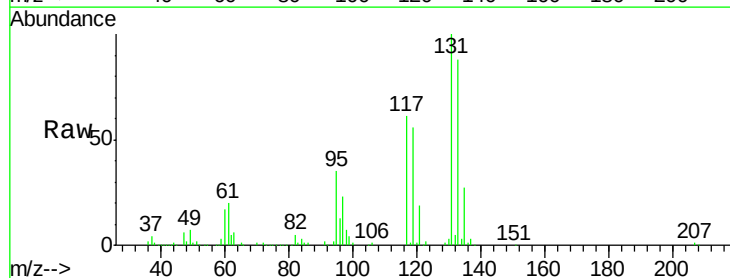
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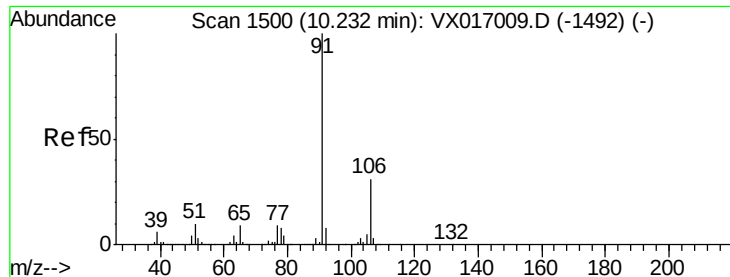
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.769 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.9
119	60.8	31.9	95.5





#67

Ethyl Benzene

Concen: 20.048 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

ClientSampled :

VX0706MBS01

Tot Ion: 91 Resp: 309021

Ion Ratio Lower Upper

91 100

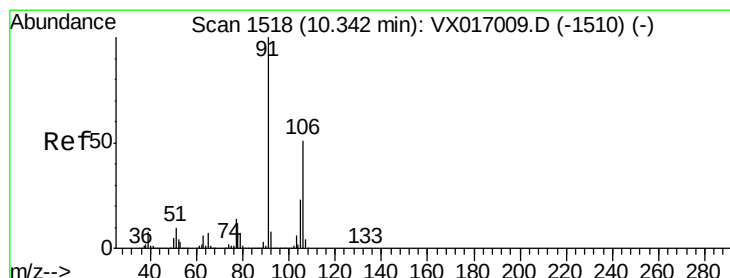
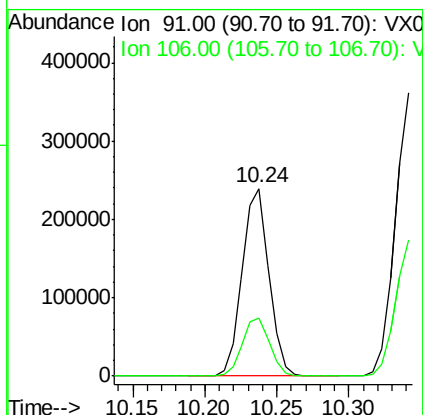
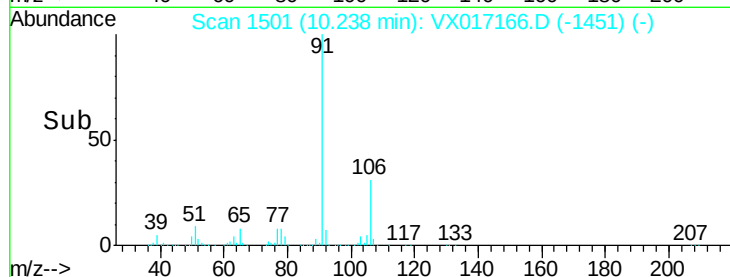
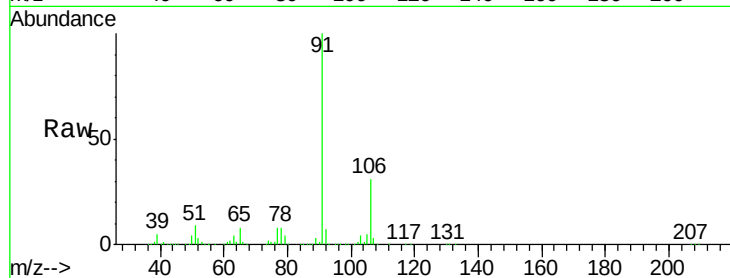
106 30.7 24.7 37.1

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#68

m/p-Xylenes

Concen: 39.248 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017166.D

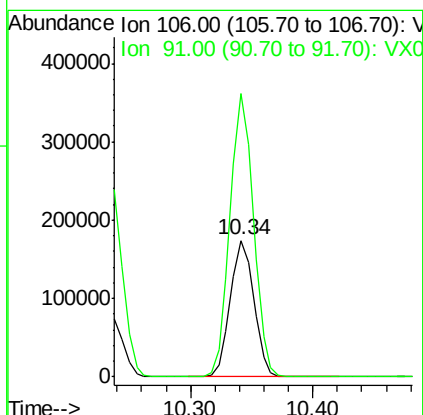
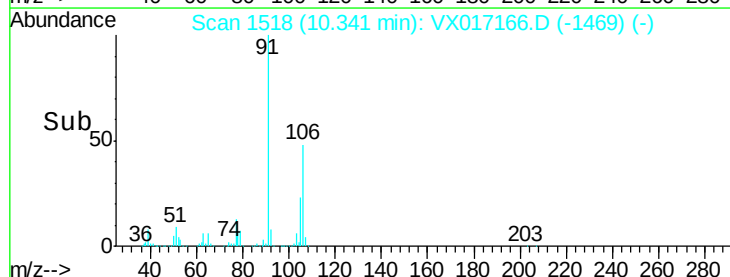
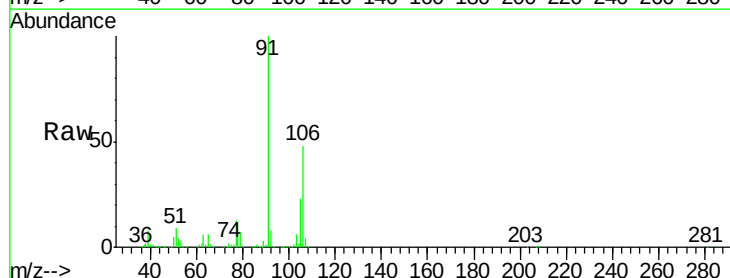
Acq: 06 Jul 2020 14:32

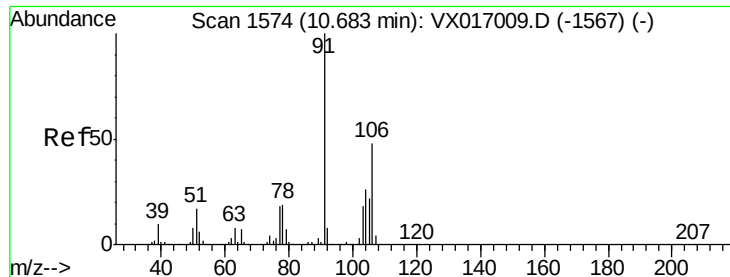
Tgt Ion: 106 Resp: 232285

Ion Ratio Lower Upper

106 100

91 206.8 158.6 238.0





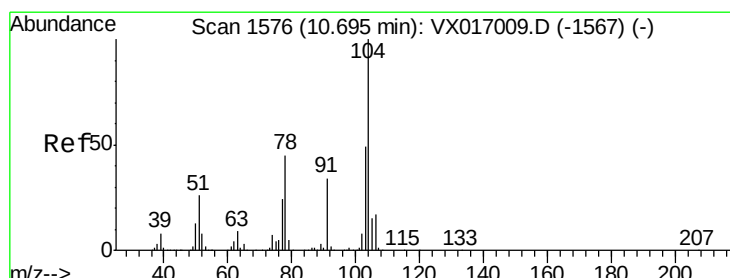
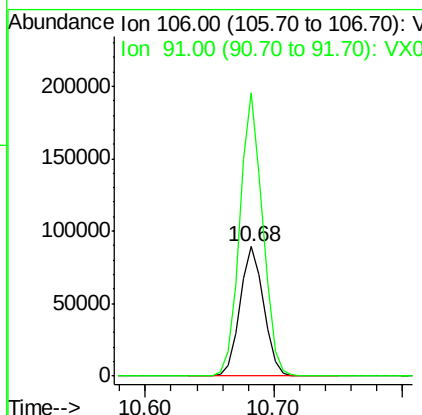
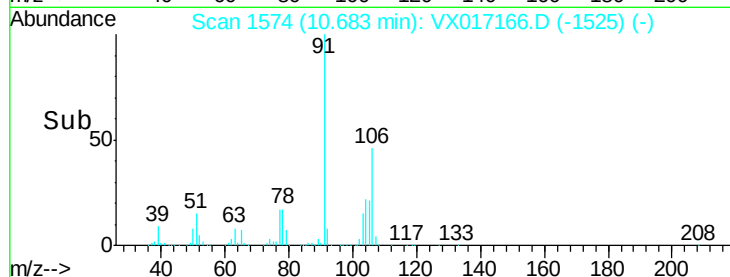
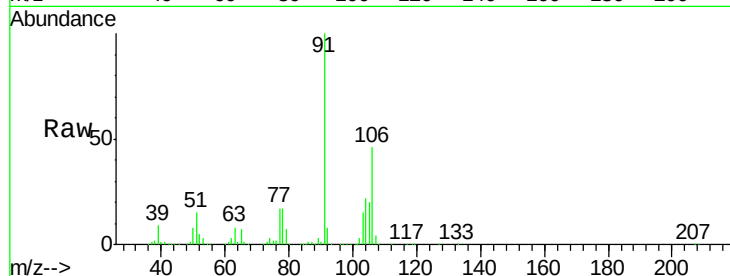
#69
o-Xylene
Concen: 20.140 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Instrument :
MSVOA_X
ClientSampled :
VX0706MBS01

Tot Ion:106 Resp: 113389
Ion Ratio Lower Upper
106 100
91 211.3 105.6 316.7

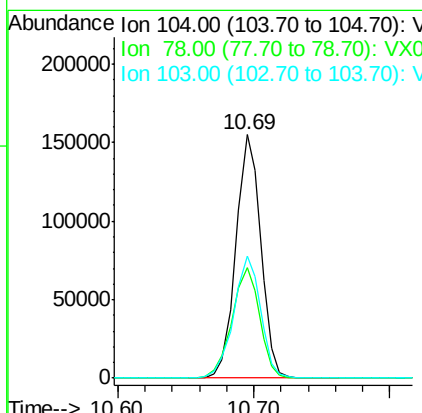
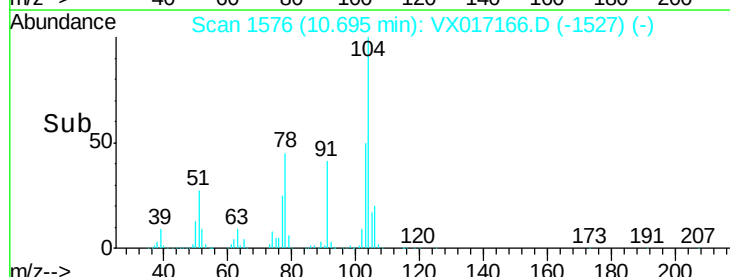
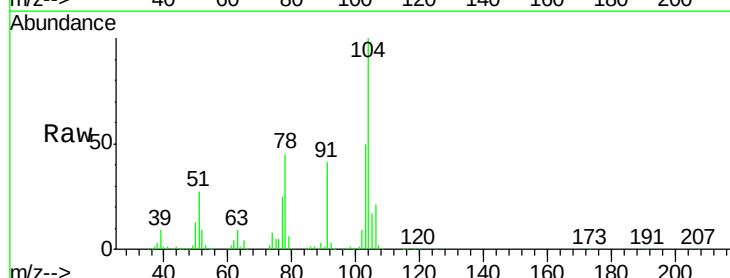
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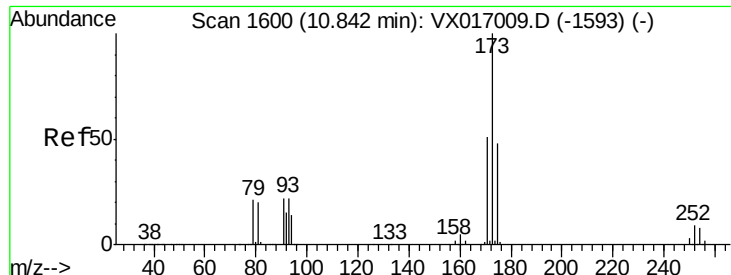
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#70
Styrene
Concen: 20.648 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Tgt Ion:104 Resp: 197968
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 54.4 43.0 64.6





#71

Bromoform

Concen: 21.885 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0706MBS01

Tot Ion:173 Resp: 61730

Ion Ratio Lower Upper

173 100

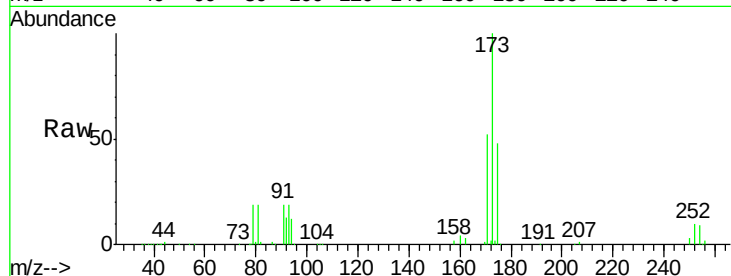
175 49.6 24.5 73.5

254 0.5 0.1 0.1#

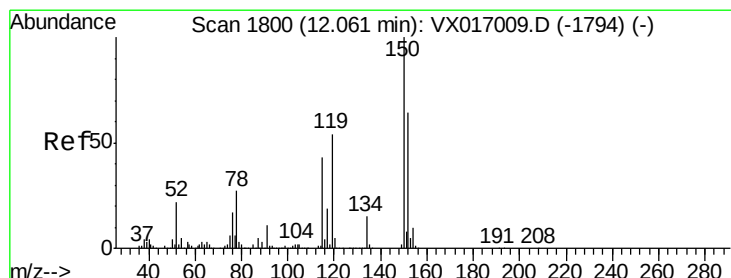
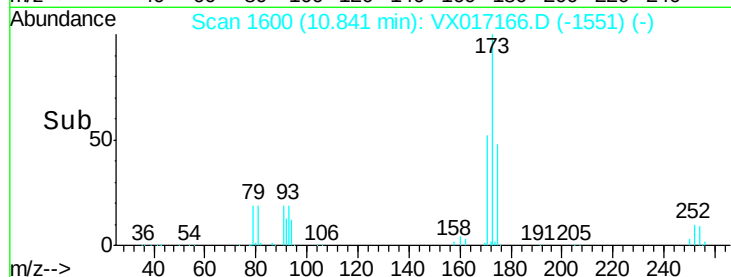
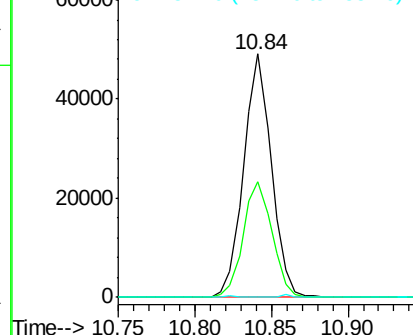
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

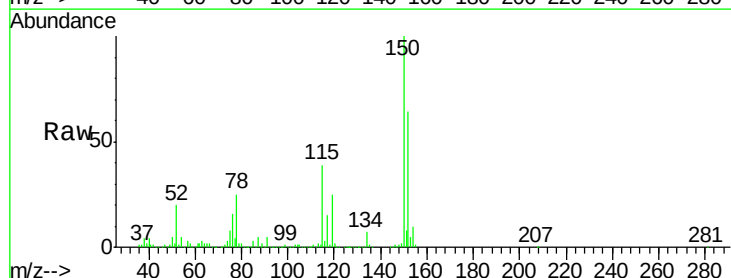
Tgt Ion:152 Resp: 241731

Ion Ratio Lower Upper

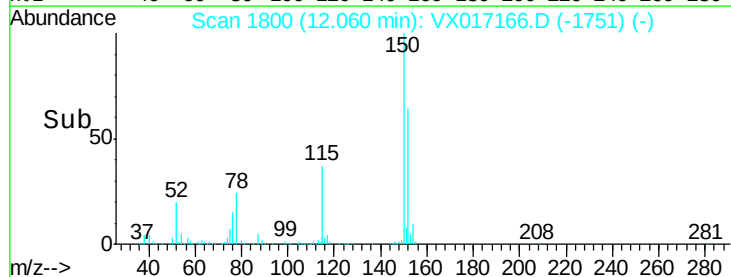
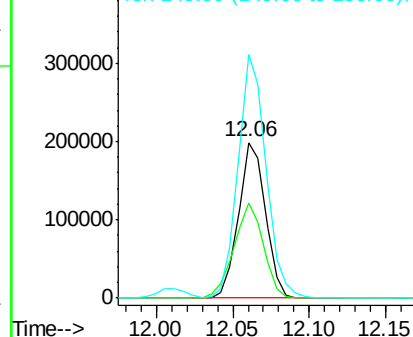
152 100

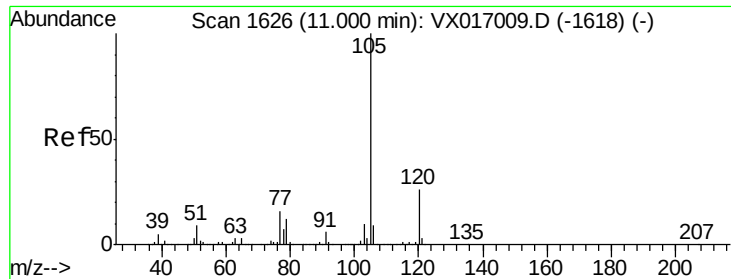
115 66.8 40.9 122.7

150 163.1 0.0 351.6



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





#73

Isopropylbenzene

Concen: 19.259 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

ClientSampled :

VX0706MBS01

Tot Ion: 105 Resp: 304942

Ion Ratio Lower Upper

105 100

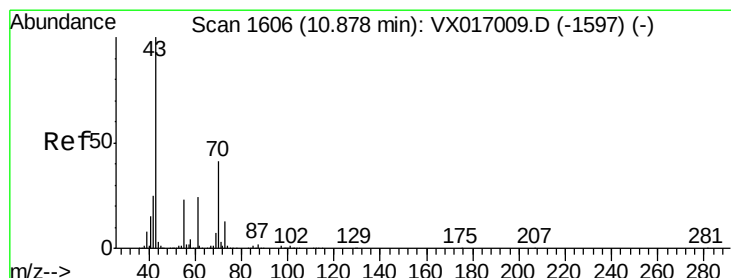
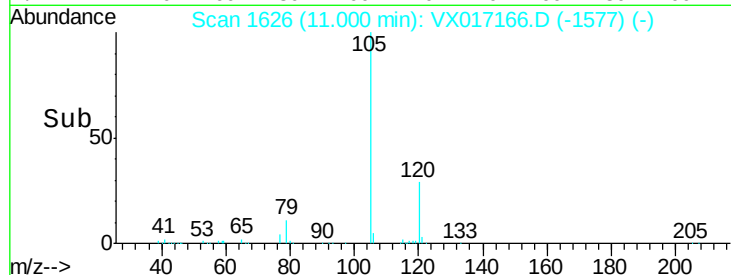
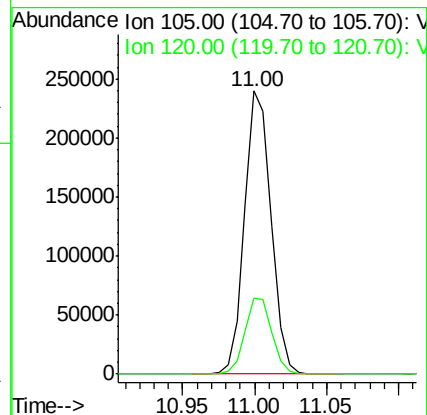
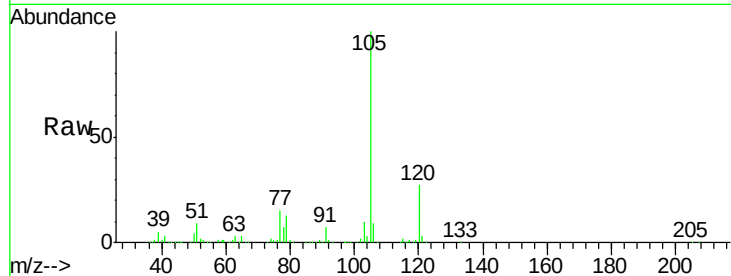
120 27.2 13.4 40.2

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#74

N-ethyl acetate

Concen: 18.201 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Tgt Ion: 43 Resp: 122969

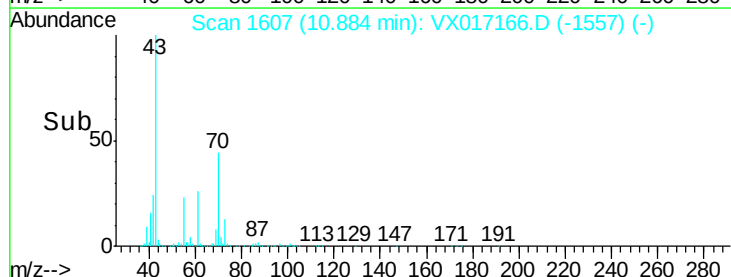
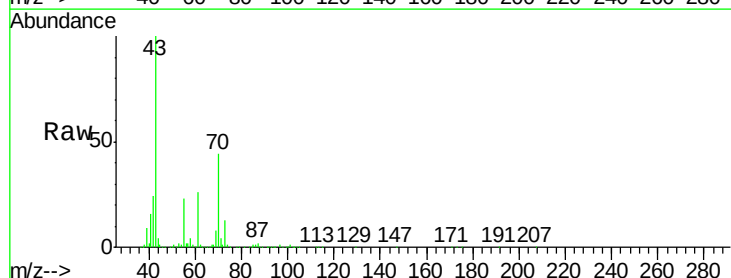
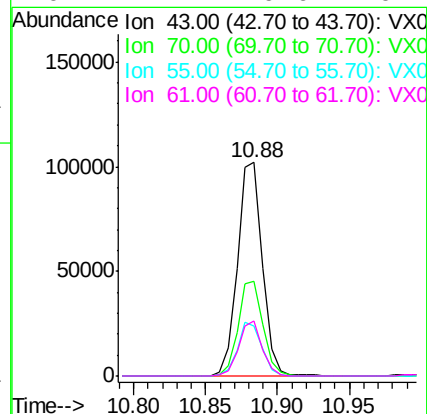
Ion Ratio Lower Upper

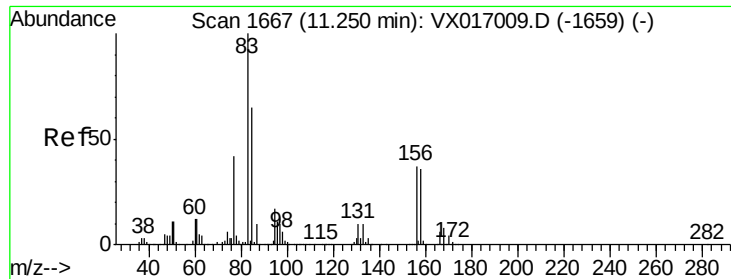
43 100

70 44.7 34.2 51.2

55 24.9 19.2 28.8

61 24.4 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.567 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

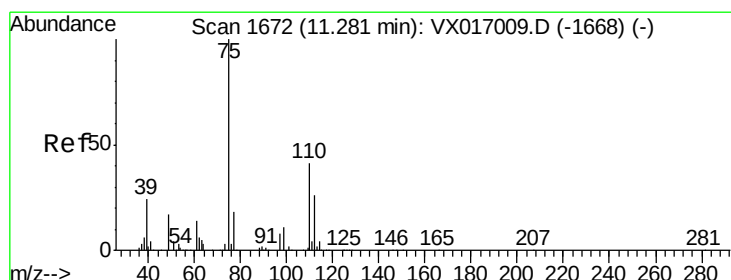
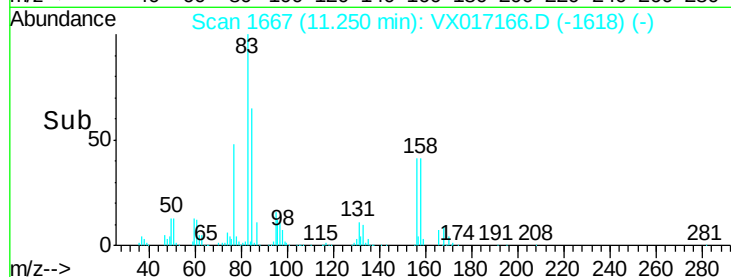
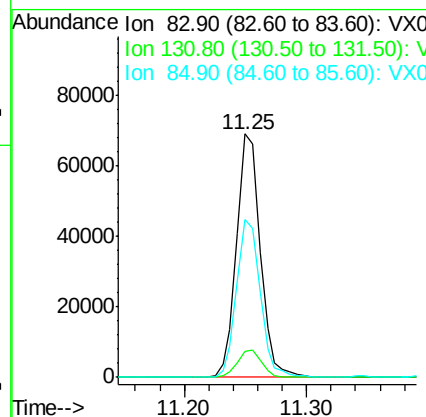
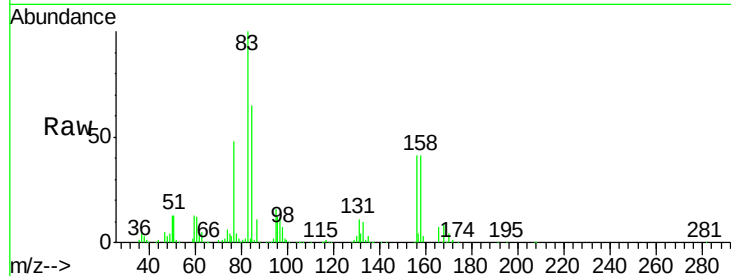
ClientSampleId :

VX0706MBS01

Tot Ion:	83	Resp:	92475
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.4	16.2
85	64.9	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 18.815 ug/l m

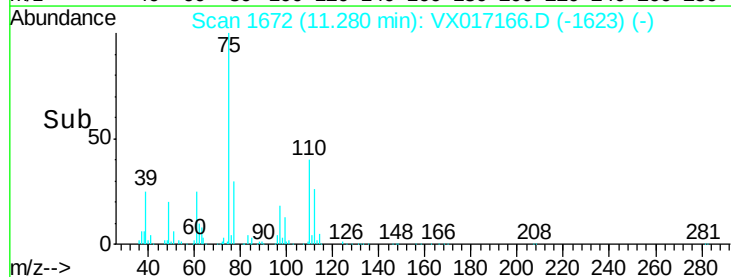
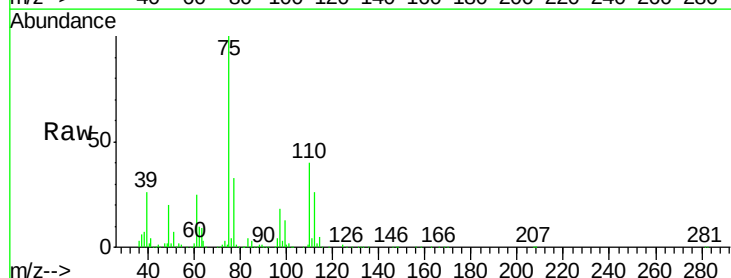
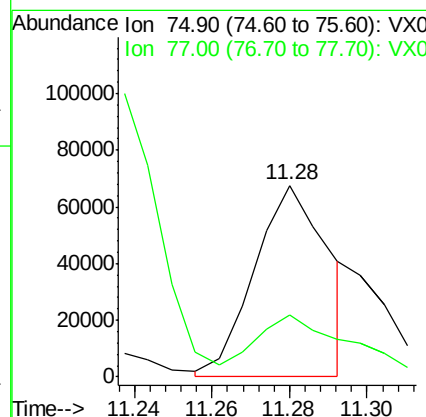
RT: 11.28 min Scan# 1672

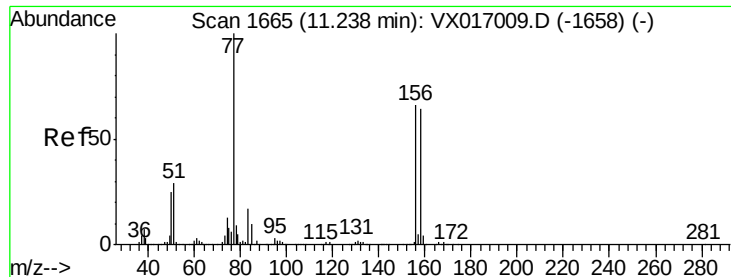
Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Tgt Ion:	75	Resp:	89436
Ion Ratio	Lower	Upper	
75	100		
77	42.0	20.2	60.6





#77

Bromobenzene

Concen: 19.455 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

ClientSampled :

VX0706MBS01

Tot Ion:156 Resp: 84663

Ion Ratio Lower Upper

156 100

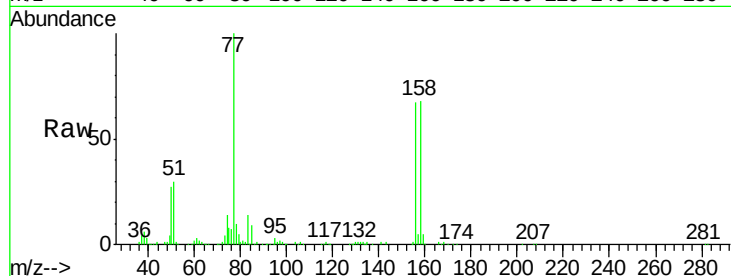
77 148.1 76.9 230.7

158 98.8 47.9 143.6

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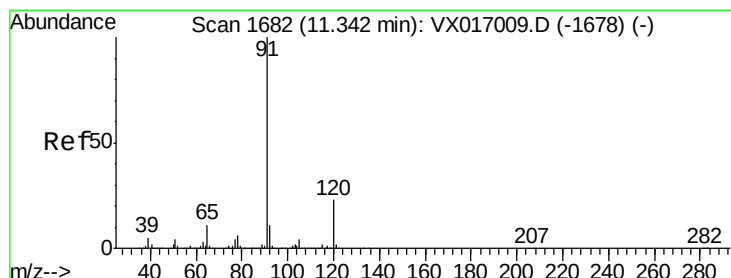
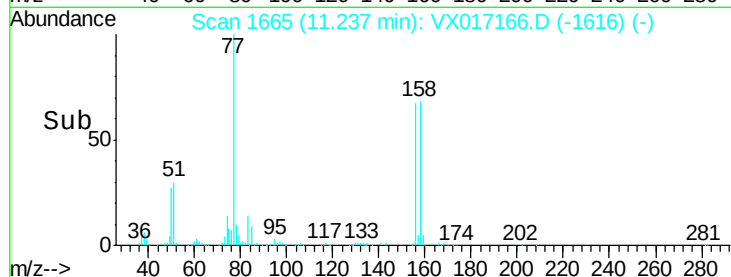
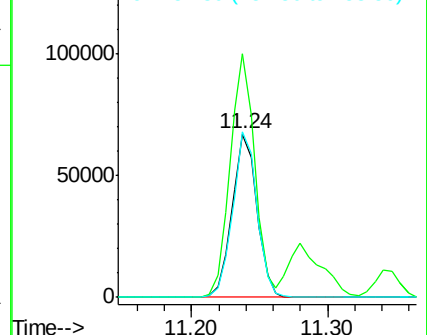
7/7/2020 12:24:40 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.311 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017166.D

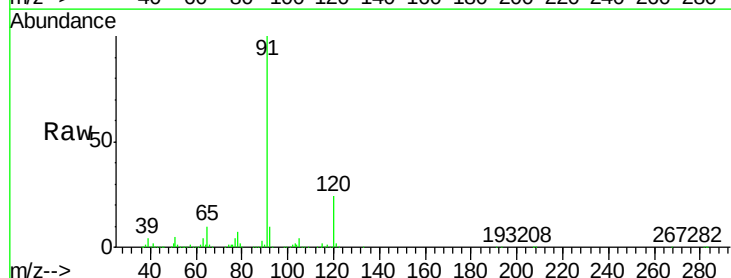
Acq: 06 Jul 2020 14:32

Tgt Ion: 91 Resp: 345760

Ion Ratio Lower Upper

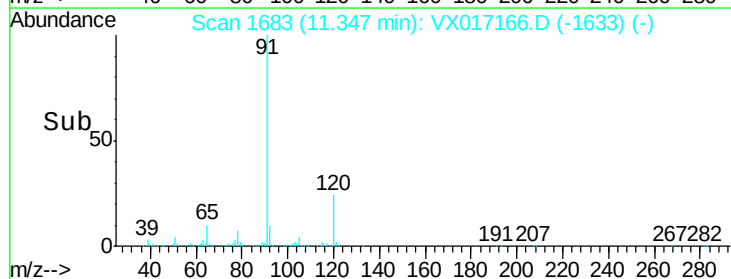
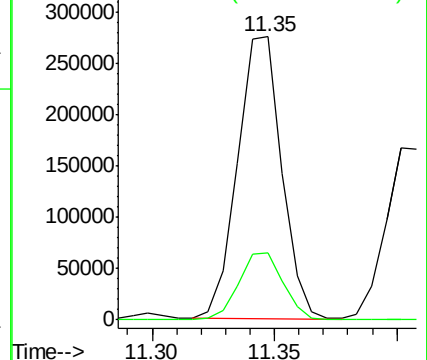
91 100

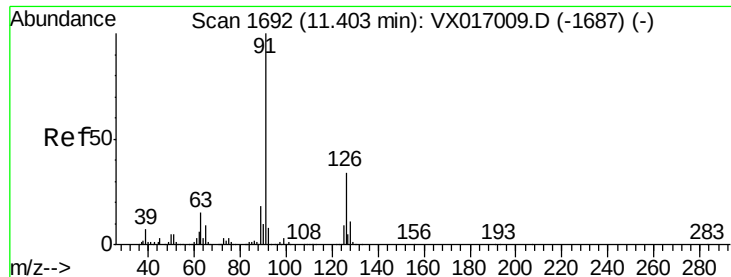
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.657 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0706MBS01

Tot Ion: 91 Resp: 213009

Ion Ratio Lower Upper

91 100

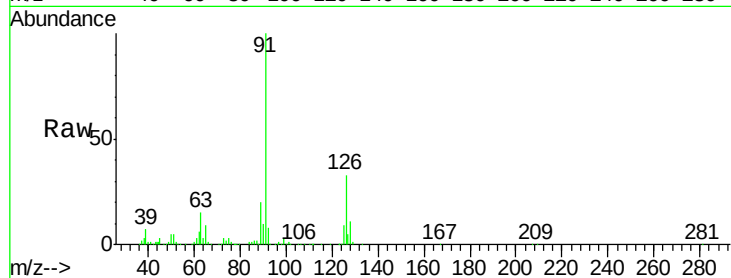
126 34.9 17.4 52.3

Manual Integrations

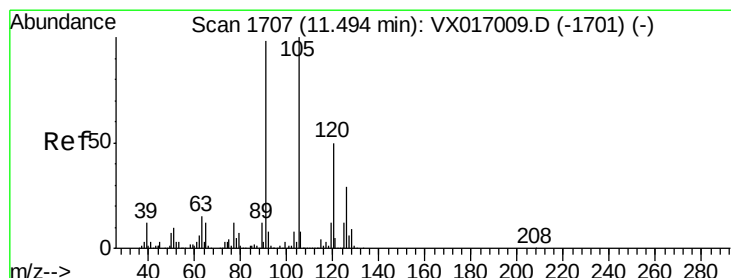
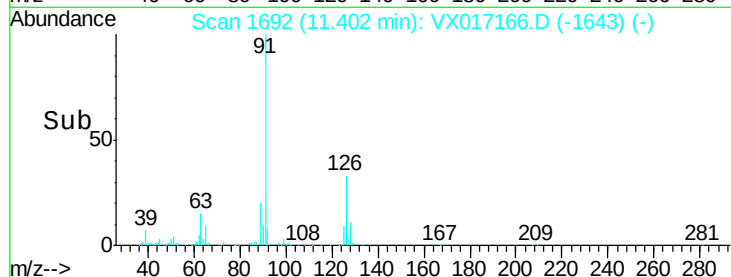
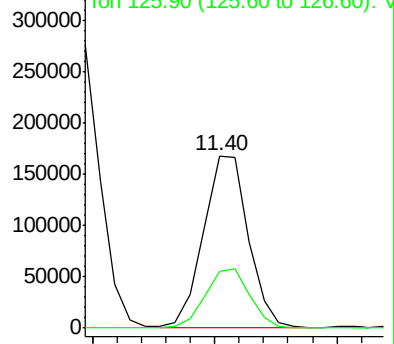
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Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.979 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017166.D

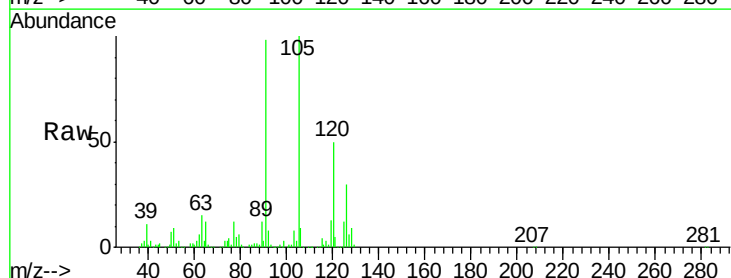
Acq: 06 Jul 2020 14:32

Tgt Ion: 105 Resp: 262400

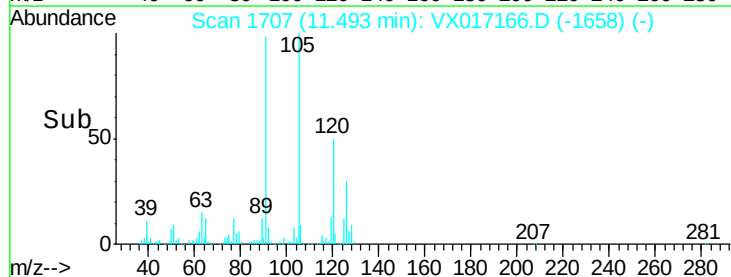
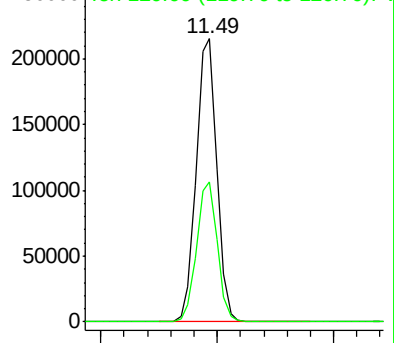
Ion Ratio Lower Upper

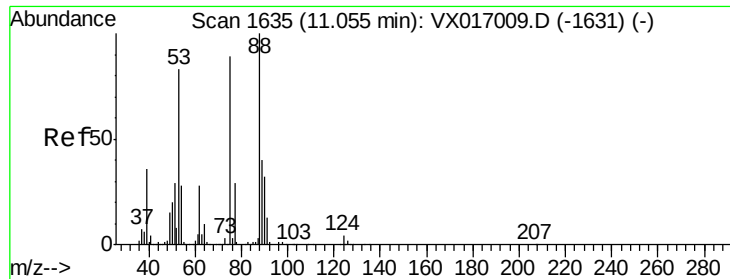
105 100

120 49.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX017009.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.917 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

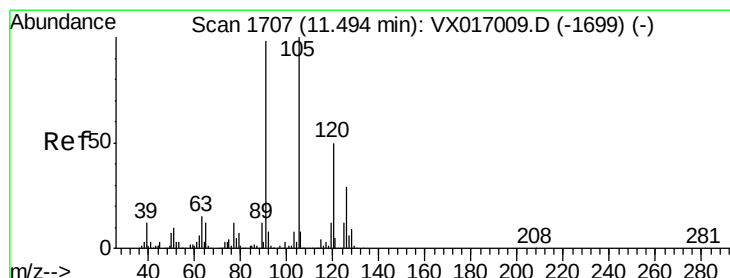
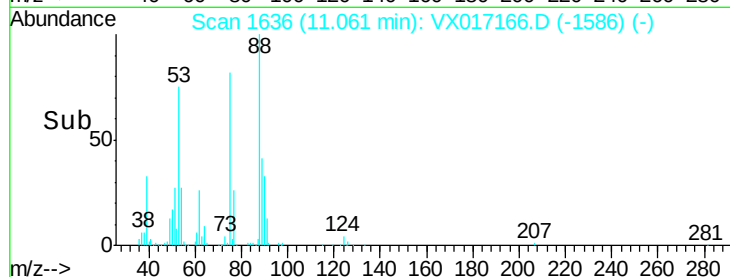
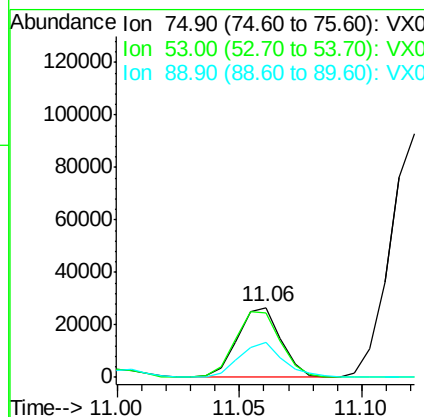
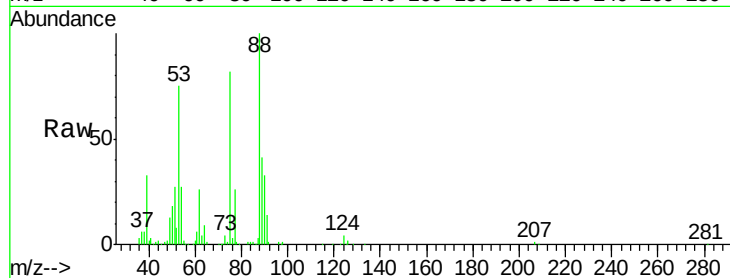
ClientSampleId :

VX0706MBS01

Tot Ion:	75	Resp:	32889
Ion	Ratio	Lower	Upper
75	100		
53	99.1	72.4	108.6
89	51.3	37.0	55.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.976 ug/l

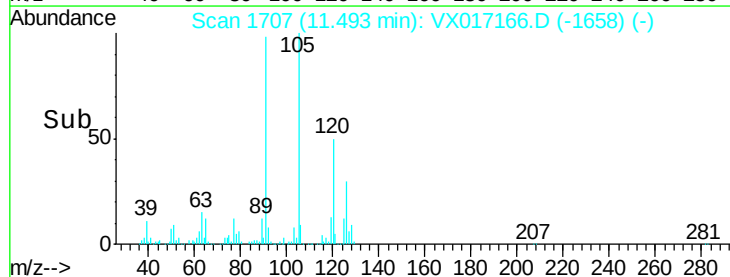
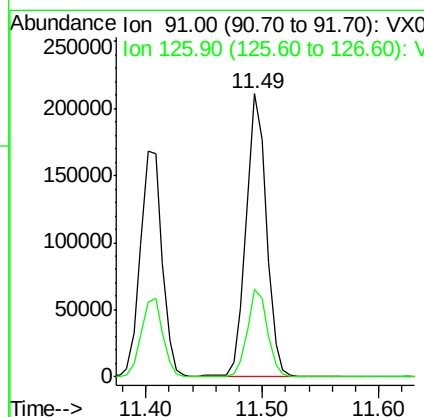
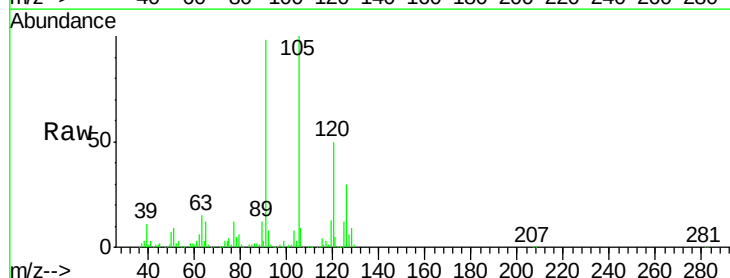
RT: 11.49 min Scan# 1707

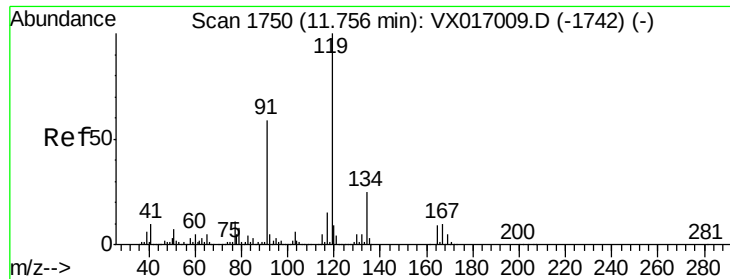
Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Tgt Ion:	91	Resp:	258775
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.2	45.5





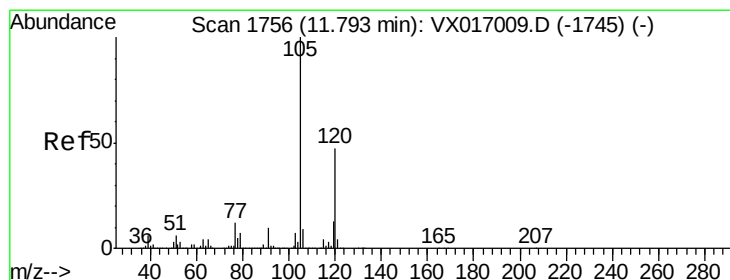
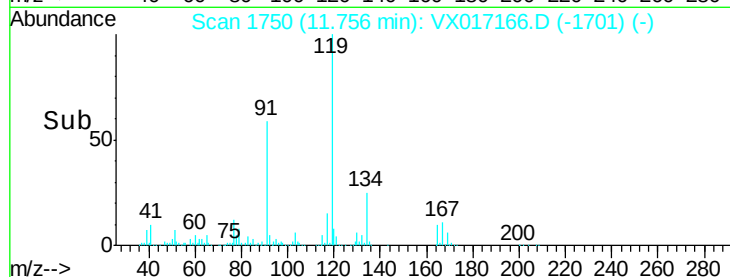
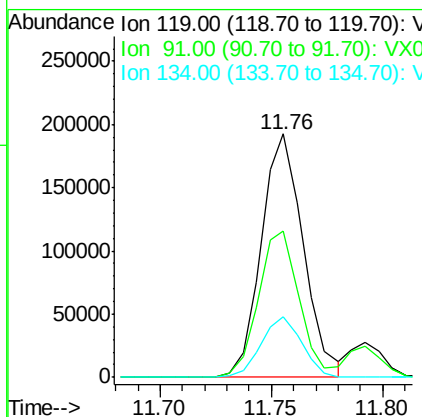
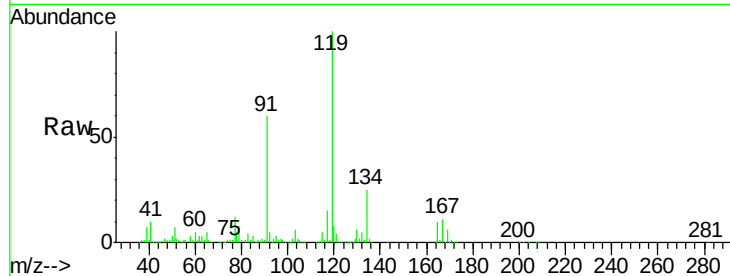
#83
 tert-Butylbenzene
 Concen: 19.593 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Instrument :
 MSVOA_X
 ClientSampled :
 VX0706MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	252603		
91	57.6		28.3	84.9
134	24.3		11.7	35.1

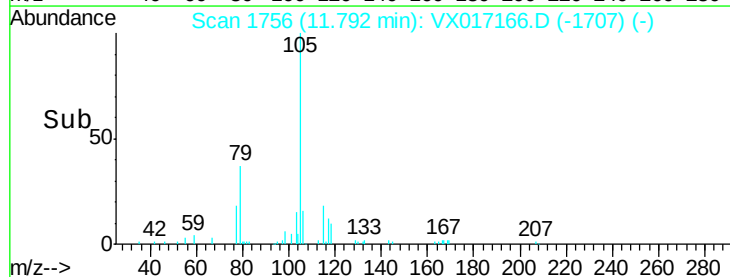
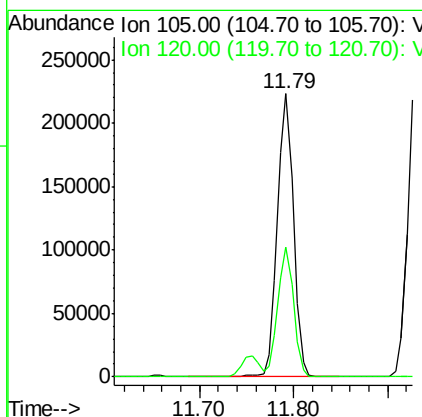
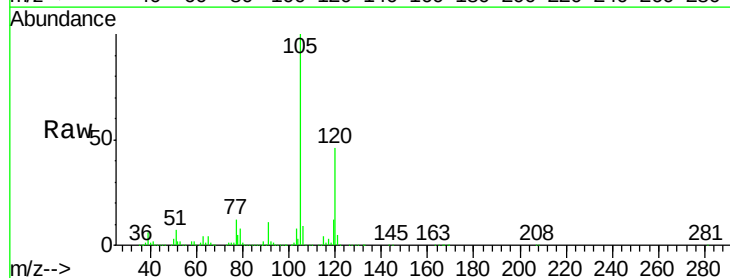
Manual Integrations
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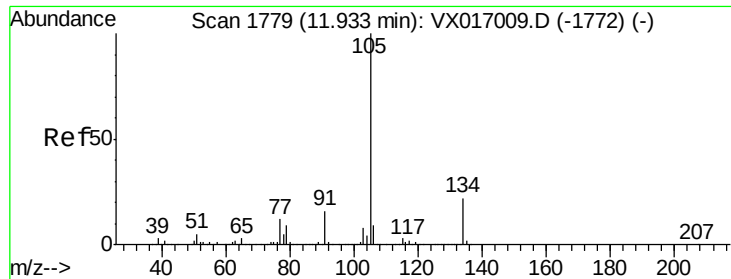
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.125 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	268153		
120	45.3		22.9	68.5





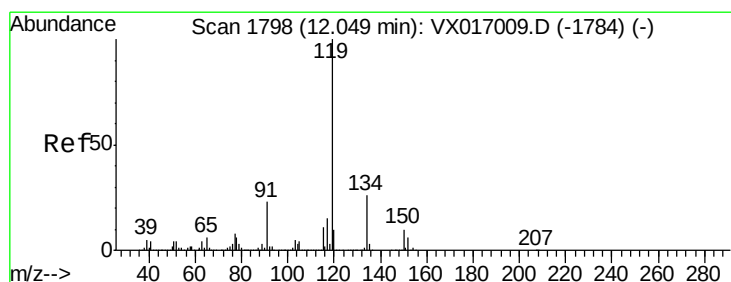
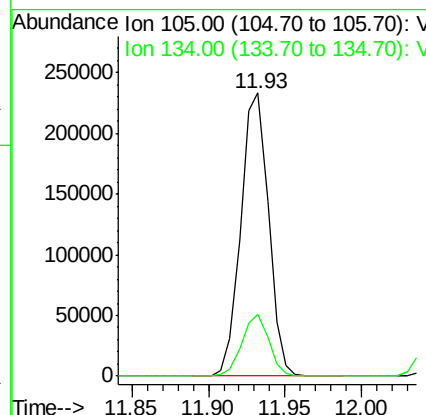
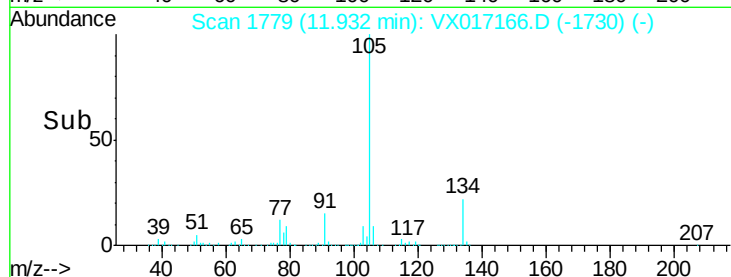
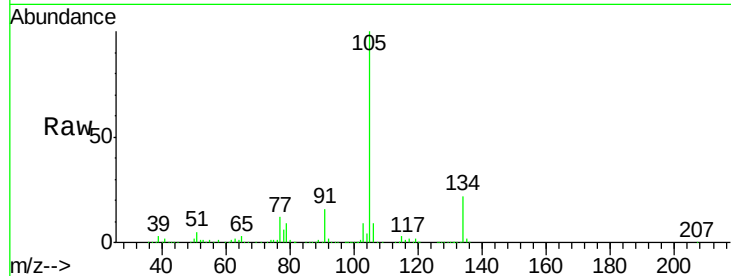
#85
 sec-Butylbenzene
 Concen: 19.297 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Instrument :
 MSVOA_X
 ClientSampled :
 VX0706MBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	292437		
134	21.2	10.5	31.6	

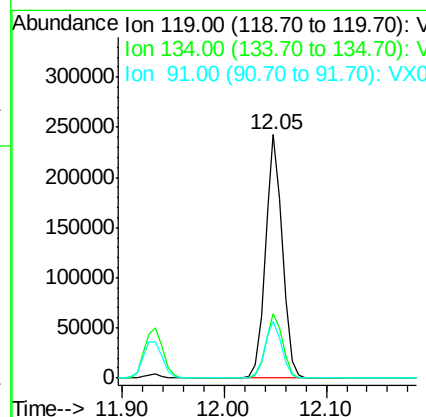
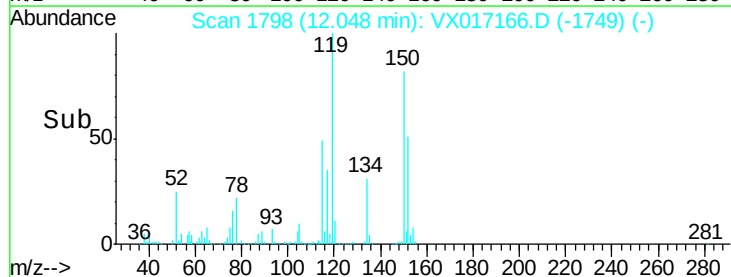
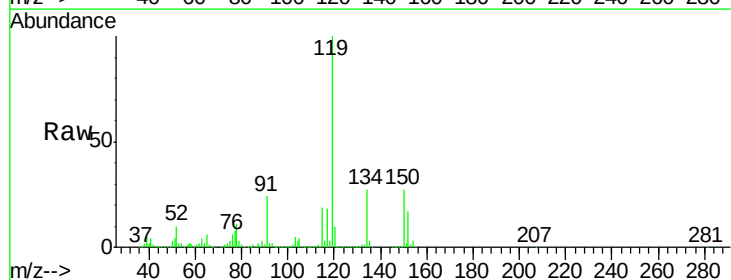
Manual Integrations
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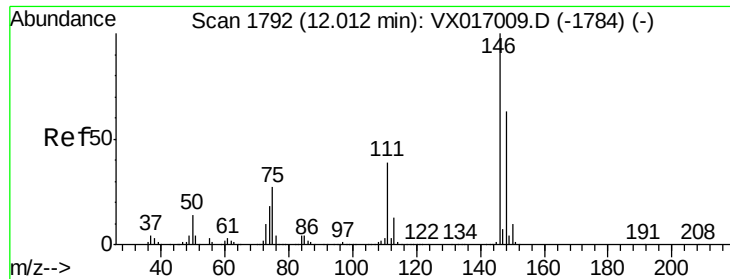
MMDadoda
 7/7/2020 12:24:40 PM



#86
 p-Isopropyltoluene
 Concen: 19.999 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	282150		
134	26.6	13.2	39.5	
91	23.7	11.8	35.4	





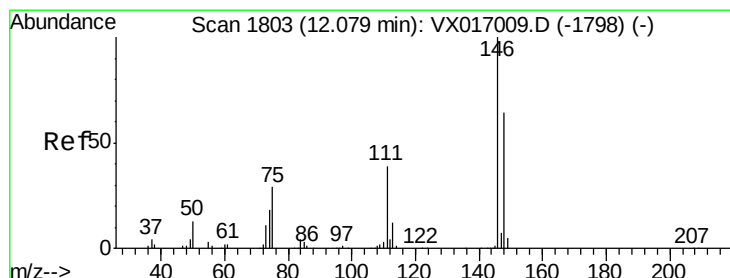
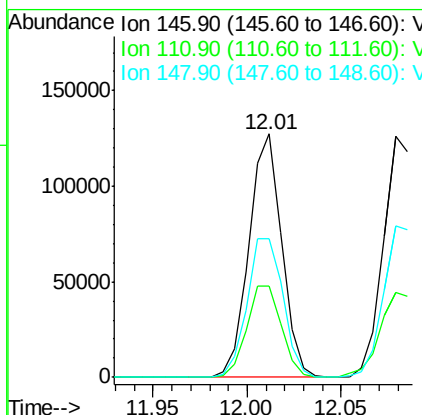
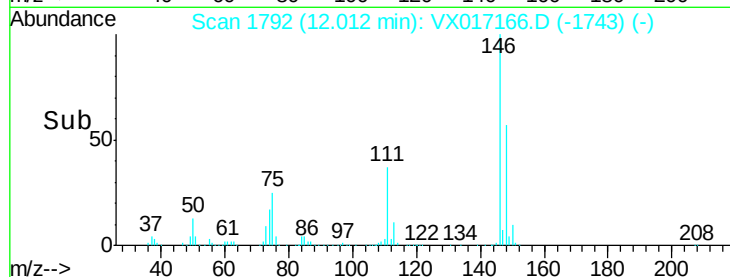
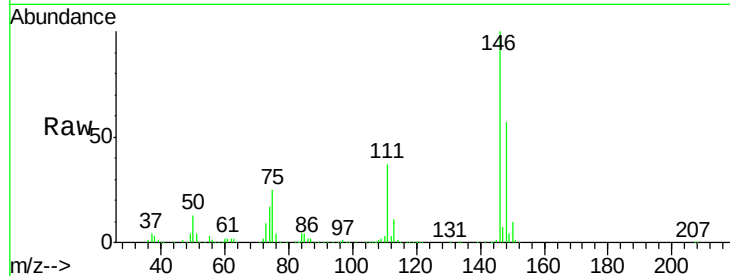
#87
 1,3-Dichlorobenzene
 Concen: 19.426 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.4	61.2
148	63.2	32.5	97.5

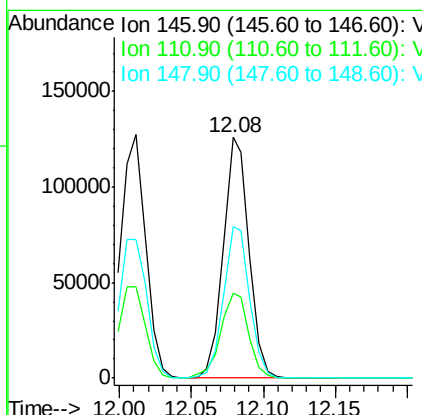
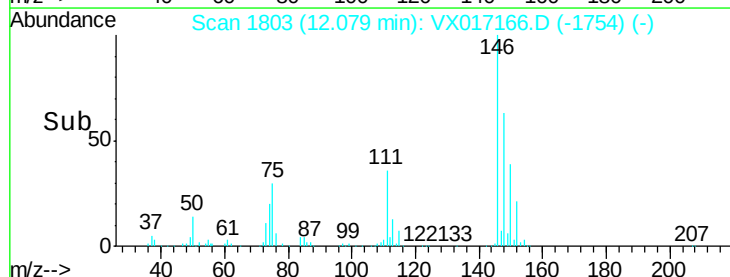
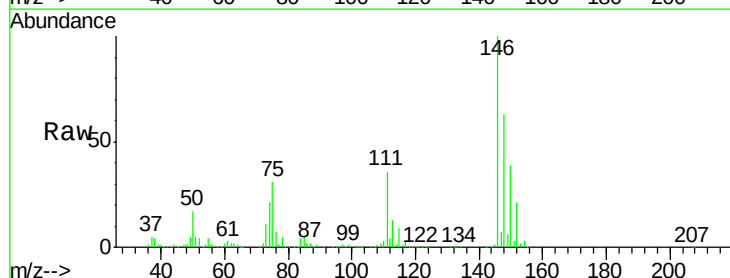
Manual Integrations
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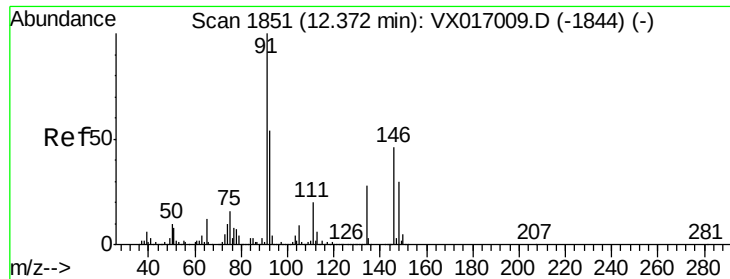
MMDadoda
 7/7/2020 12:24:40 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.087 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.5	58.5
148	64.4	31.9	95.7





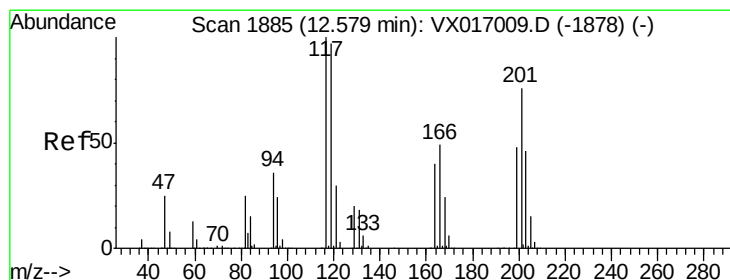
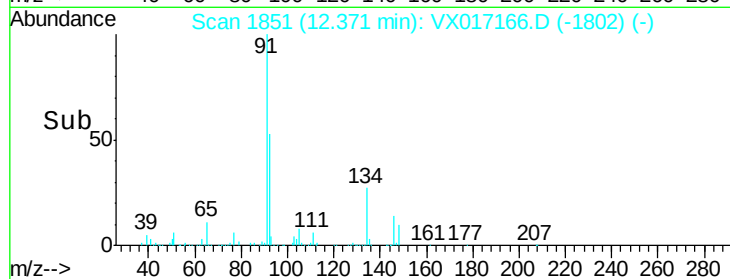
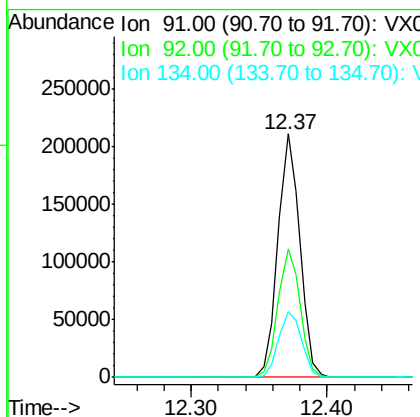
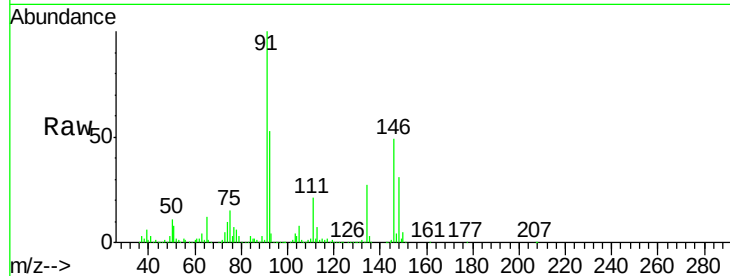
#89
n-Butylbenzene
Concen: 18.845 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Instrument :
MSVOA_X
ClientSampled :
VX0706MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.2	81.6
134	28.3	13.6	40.7

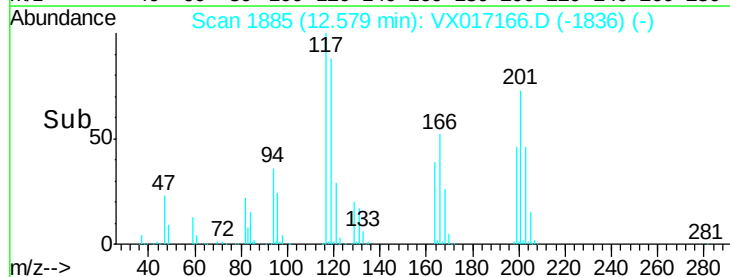
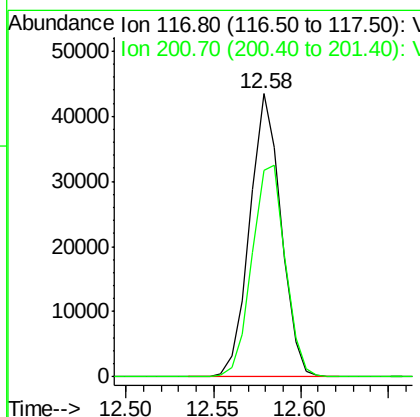
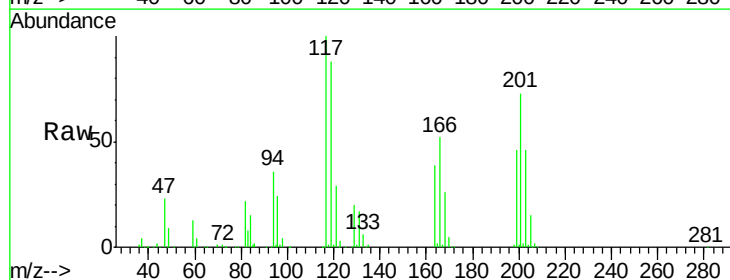
Manual Integrations
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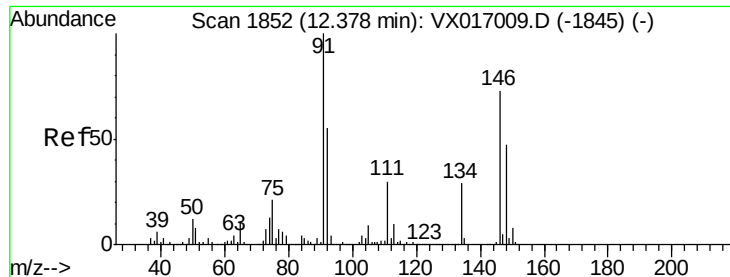
MMDadoda
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#90
Hexachloroethane
Concen: 19.408 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017166.D
Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	39.4	118.2





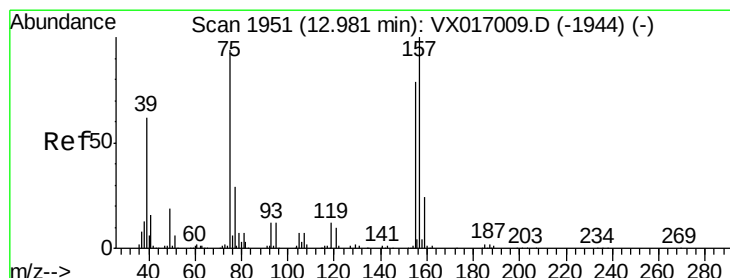
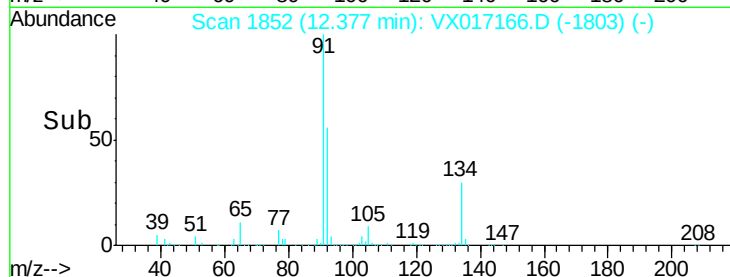
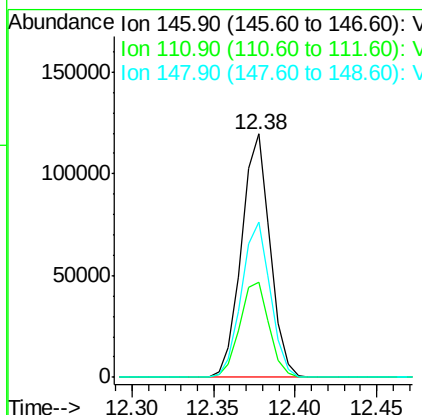
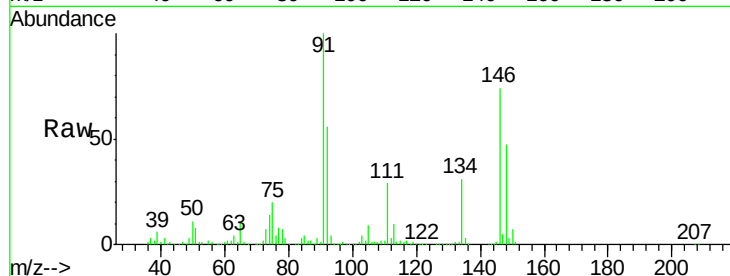
#91
 1,2-Dichlorobenzene
 Concen: 19.833 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.6	61.9
148	64.3	32.4	97.2

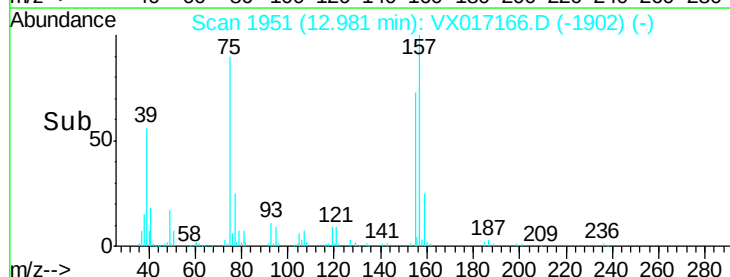
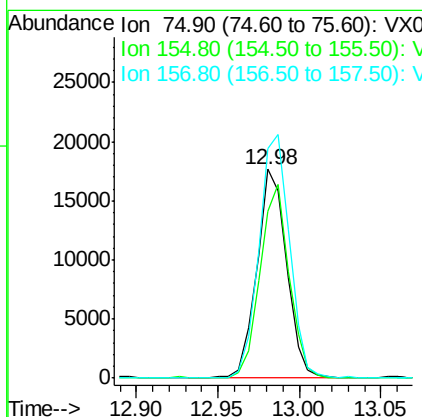
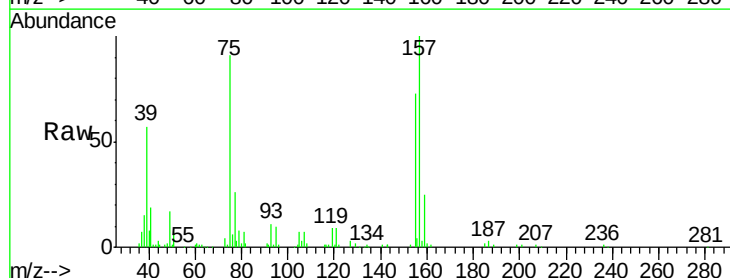
Manual Integrations
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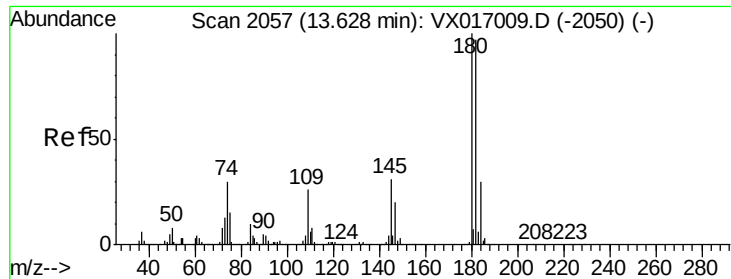
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 7/7/2020 12:24:40 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.919 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	45.1	135.2
157	119.7	56.5	169.3





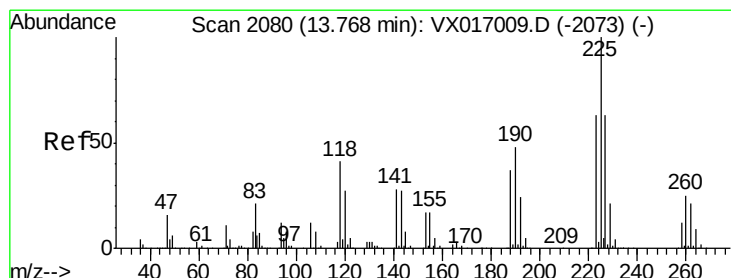
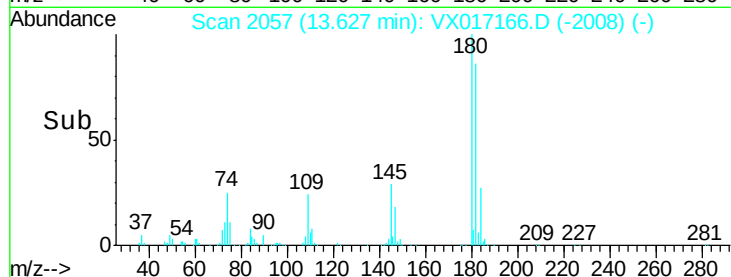
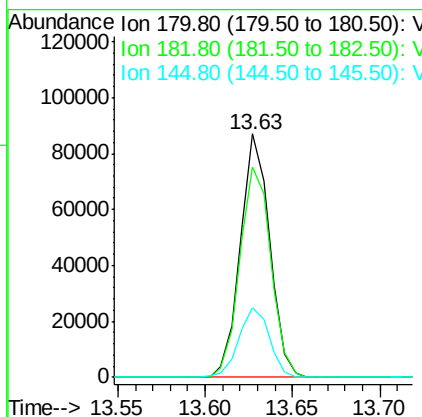
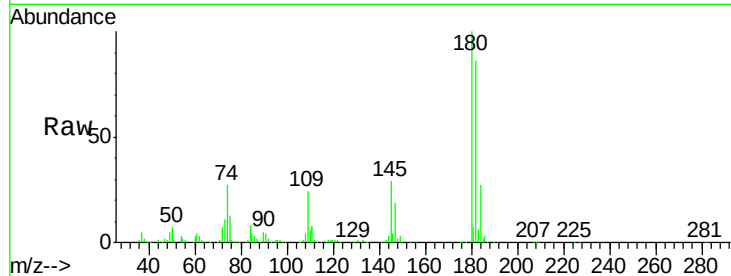
#93
 1,2,4-Trichlorobenzene
 Concen: 20.122 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	91.4	47.3	141.9	
145	30.0	15.4	46.2	

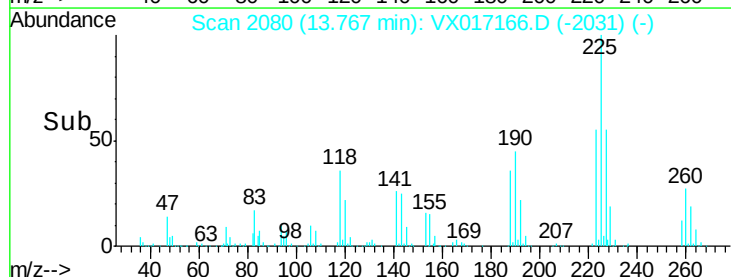
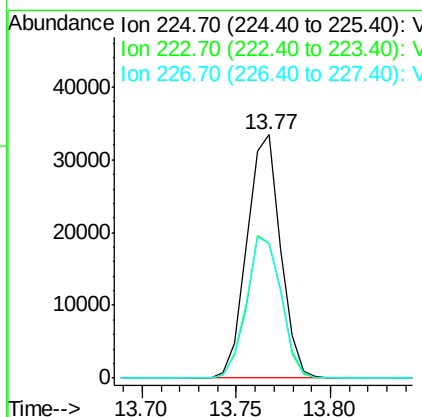
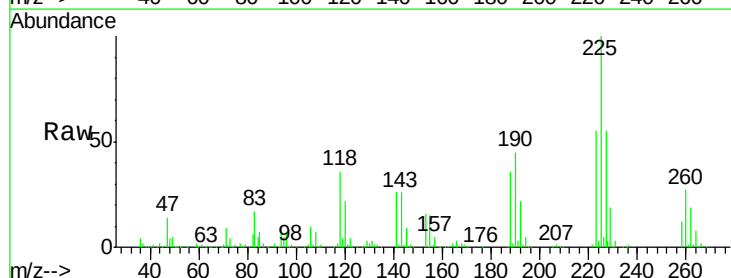
Manual Integrations
 APPROVED

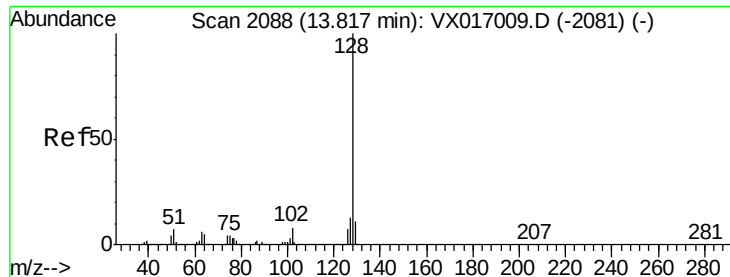
MMDadoda
 7/7/2020 12:24:40 PM



#94
 Hexachlorobutadiene
 Concen: 22.069 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017166.D
 Acq: 06 Jul 2020 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.7	32.5	97.5	
227	60.7	33.1	99.2	





#95

Naphthalene

Concen: 20.106 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Instrument :

MSVOA_X

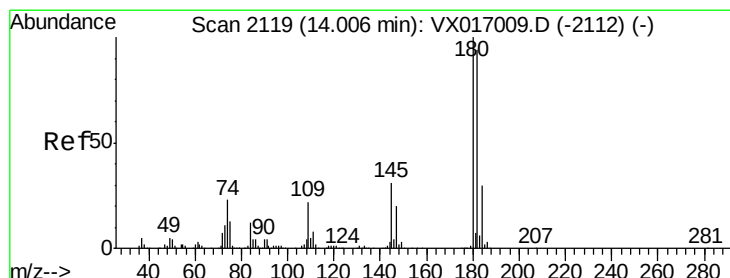
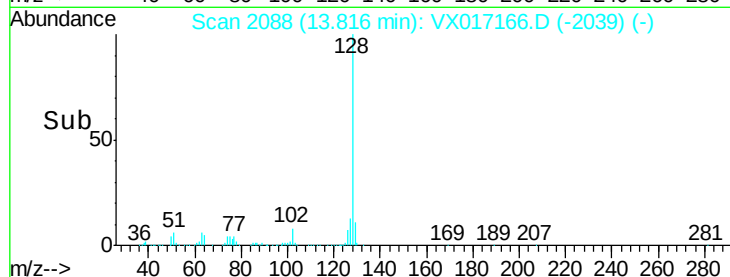
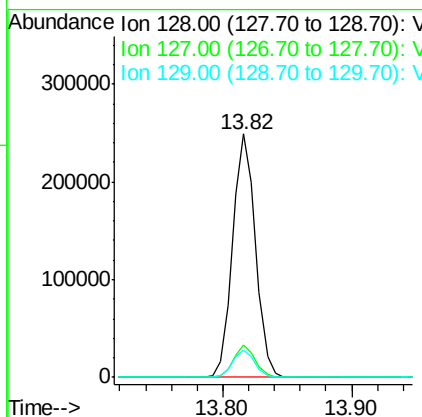
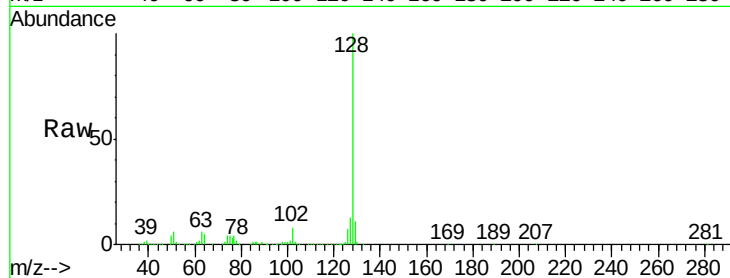
ClientSampleId :

VX0706MBS01

Tot Ion:	128	Resp:	308224
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/7/2020 12:24:40 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.590 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX017166.D

Acq: 06 Jul 2020 14:32

Tgt Ion:	180	Resp:	100476
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.1	141.4
145	31.6	16.6	49.7

