

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017222.D
 Acq On : 07 Jul 2020 23:27
 Operator : JC/SP
 Sample : VX0707WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:31:58 AM

Quant Time: Jul 08 03:43:54 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	277210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	424939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	399850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165208	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	5.47	113	137951	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	8.70	98	490442	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.12	95	192809	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	45703	17.042	ug/l	97
3) Chloromethane	1.31	50	47025	14.486	ug/l	99
4) Vinyl Chloride	1.39	62	51069	16.956	ug/l	95
5) Bromomethane	1.63	94	32446	20.390	ug/l	97
6) Chloroethane	1.71	64	32974	18.537	ug/l	96
7) Trichlorofluoromethane	1.92	101	89364	20.062	ug/l	99
8) Diethyl Ether	2.17	74	30479	20.553	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50300	18.841	ug/l	95
10) Methyl Iodide	2.49	142	43933	12.753	ug/l	99
11) Tert butyl alcohol	3.01	59	60702	93.109	ug/l	96
12) 1,1-Dichloroethene	2.36	96	47948	17.483	ug/l	97
13) Acrolein	2.27	56	40772	104.618	ug/l	95
14) Allyl chloride	2.71	41	83429	16.460	ug/l	97
15) Acrylonitrile	3.12	53	141329	90.176	ug/l	99
16) Acetone	2.42	43	120523	94.274	ug/l	96
17) Carbon Disulfide	2.55	76	134742	17.621	ug/l	100
18) Methyl Acetate	2.75	43	64443	19.310	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	172777	18.770	ug/l	99
20) Methylene Chloride	2.84	84	58234	19.382	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	54916	18.043	ug/l	99
22) Diisopropyl ether	3.82	45	175030	18.658	ug/l	97
23) Vinyl Acetate	3.79	43	738367	91.595	ug/l	99
24) 1,1-Dichloroethane	3.67	63	99869	18.710	ug/l	98
25) 2-Butanone	4.64	43	193214	90.702	ug/l	98
26) 2,2-Dichloropropane	4.56	77	69041	14.567	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	61603	17.863	ug/l	100
28) Bromochloromethane	4.98	49	48999	18.864	ug/l	97
29) Tetrahydrofuran	5.09	42	124339	88.342	ug/l	98
30) Chloroform	5.18	83	105023	19.194	ug/l	98
31) Cyclohexane	5.55	56	78666	17.050	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	96512	19.152	ug/l	99
36) 1,1-Dichloropropene	5.77	75	73518	18.305	ug/l	99
37) Ethyl Acetate	4.79	43	74981	18.401	ug/l	98
38) Carbon Tetrachloride	5.75	117	88076	19.911	ug/l	100

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Manual Integrations
 APPROVED

MMDadoda
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Quant Time: Jul 08 03:43:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	76471	17.113	ug/l	94
40) Benzene	6.12	78	220448	18.682	ug/l	99
41) Methacrylonitrile	5.00	41	41949	18.291	ug/l	98
42) 1,2-Dichloroethane	6.16	62	85098	19.965	ug/l	99
43) Isopropyl Acetate	6.42	43	121995	18.017	ug/l	99
44) Trichloroethene	7.19	130	64570	19.642	ug/l	96
45) 1,2-Dichloropropane	7.49	63	57444	18.953	ug/l	100
46) Dibromomethane	7.63	93	40367	19.509	ug/l	95
47) Bromodichloromethane	7.87	83	83221	19.516	ug/l	100
48) Methyl methacrylate	7.74	41	58927	18.317	ug/l	96
49) 1,4-Dioxane	7.71	88	27825	381.793	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	385358	95.472	ug/l	100
52) Toluene	8.76	92	140804	19.112	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	86768	18.442	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	93152	18.469	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	59163	19.655	ug/l	96
56) Ethyl methacrylate	9.16	69	79796	18.625	ug/l	98
57) 1,3-Dichloropropane	9.35	76	96153	18.878	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	195336	91.609	ug/l	98
59) 2-Hexanone	9.47	43	284639	96.558	ug/l	99
60) Dibromochloromethane	9.57	129	71049	20.322	ug/l	99
61) 1,2-Dibromoethane	9.65	107	62405	19.287	ug/l	99
64) Tetrachloroethene	9.32	164	62649	19.414	ug/l	95
65) Chlorobenzene	10.12	112	158615	19.220	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	61744	19.414	ug/l	98
67) Ethyl Benzene	10.23	91	262282	19.031	ug/l	99
68) m/p-Xylenes	10.34	106	204624	38.668	ug/l	97
69) o-Xylene	10.68	106	94706	18.813	ug/l	98
70) Styrene	10.70	104	170666	19.908	ug/l	99
71) Bromoform	10.84	173	54093	21.448	ug/l #	99
73) Isopropylbenzene	11.00	105	266319	18.245	ug/l	99
74) N-amyl acetate	10.88	43	104621	16.798	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	83845	18.261	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	81972m	18.706	ug/l	
77) Bromobenzene	11.24	156	73131	18.230	ug/l	97
78) n-propylbenzene	11.34	91	298693	18.096	ug/l	100
79) 2-Chlorotoluene	11.40	91	183920	18.411	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	225064	18.589	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	26330	15.560	ug/l	93
82) 4-Chlorotoluene	11.49	91	221863	18.578	ug/l	98
83) tert-Butylbenzene	11.76	119	216330	18.201	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	230942	18.802	ug/l	100
85) sec-Butylbenzene	11.93	105	251394	17.994	ug/l	99
86) p-Isopropyltoluene	12.05	119	239064	18.381	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	135022	18.532	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	135328	19.579	ug/l	99
89) n-Butylbenzene	12.37	91	194911	16.784	ug/l	99
90) Hexachloroethane	12.58	117	46717	18.215	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	126005	18.502	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19443	17.751	ug/l	98

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Instrument :
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ClientSampleId :
VX0707WBSD02

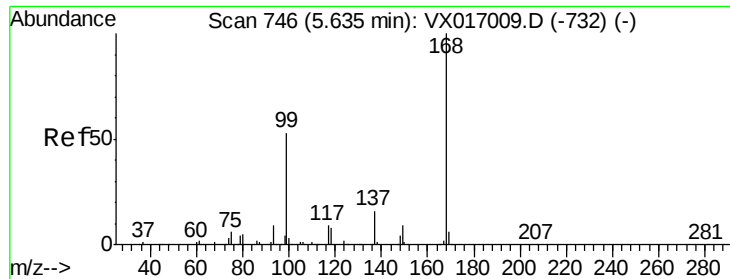
Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:31:58 AM

Quant Time: Jul 08 03:43:54 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)
93) 1,2,4-Trichlorobenzene	13.63	180	84484	18.175	ug/l	97
94) Hexachlorobutadiene	13.77	225	32655	19.042	ug/l	95
95) Naphthalene	13.82	128	254963	18.041	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	83025	18.456	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: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

Tot Ion:168 Resp: 277210

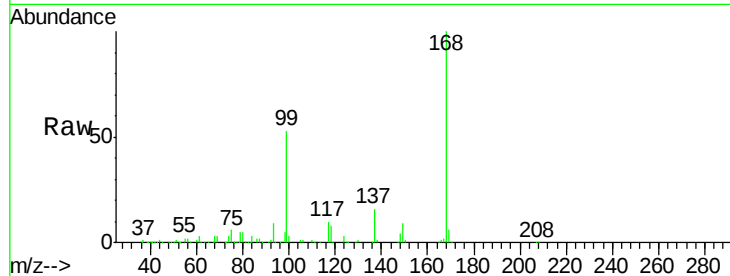
Ion Ratio Lower Upper

168 100

99 52.6 42.6 64.0

Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

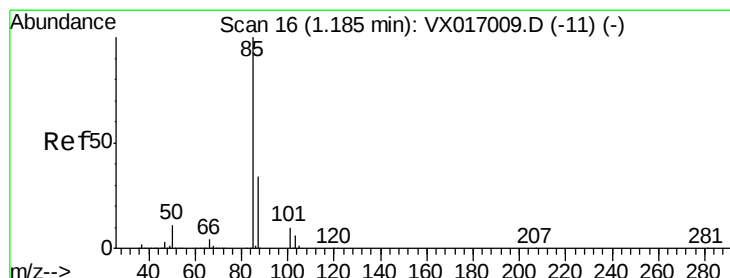
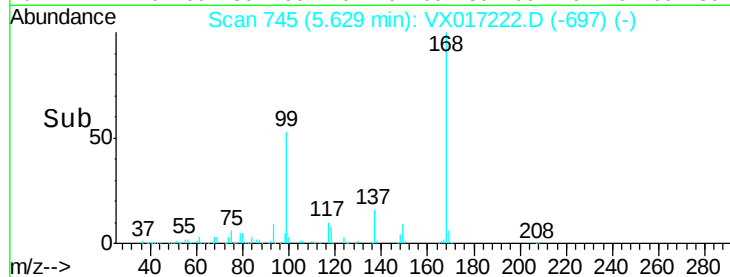
5.50

5.63

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.042 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017222.D

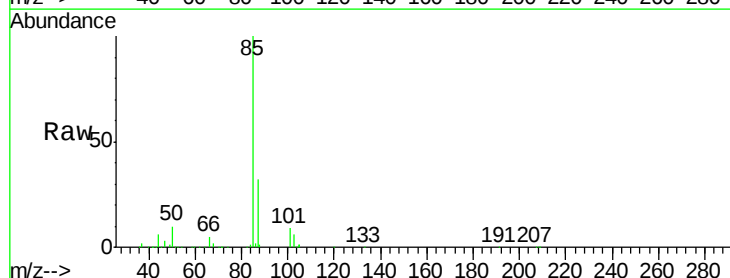
Acq: 07 Jul 2020 23:27

Tgt Ion: 85 Resp: 45703

Ion Ratio Lower Upper

85 100

87 32.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

20000

10000

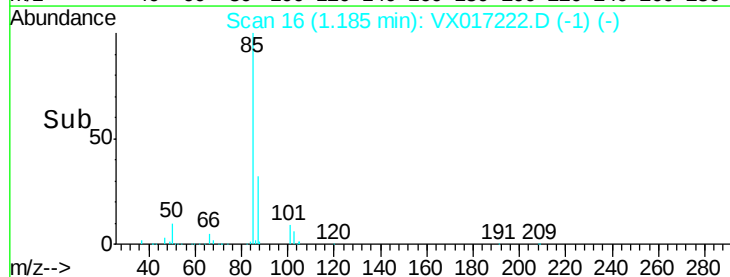
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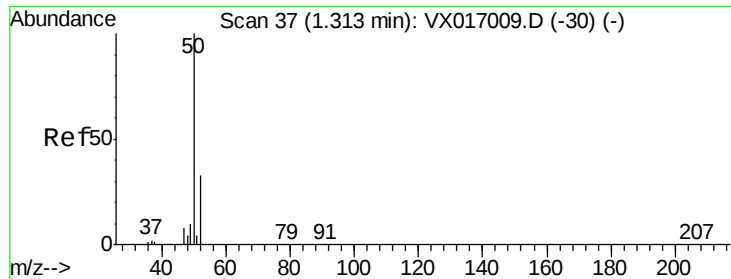
1.15

1.18

1.25

Time-->





#3

Chloromethane

Concen: 14.486 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

Tot Ion: 50 Resp: 47025

Ion Ratio Lower Upper

50 100

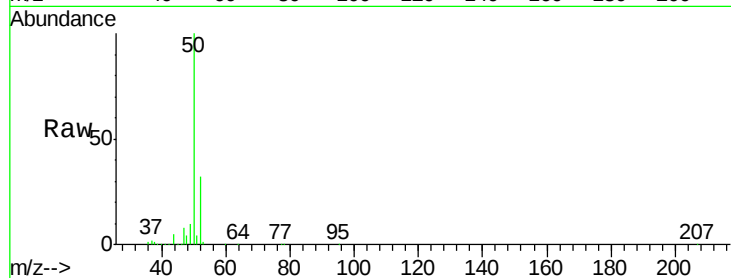
52 32.1 26.1 39.1

Manual Integrations

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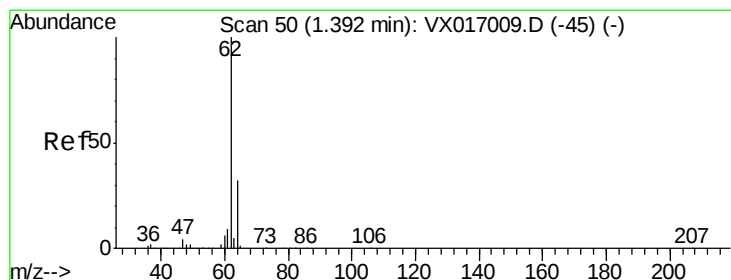
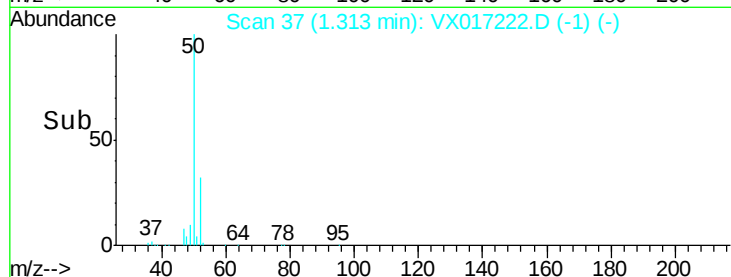
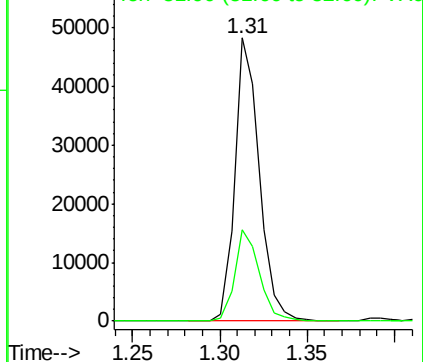
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.956 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017222.D

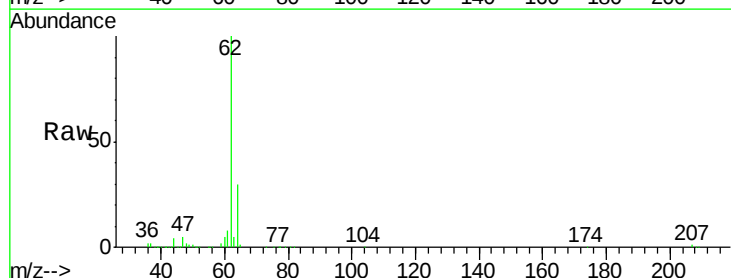
Acq: 07 Jul 2020 23:27

Tgt Ion: 62 Resp: 51069

Ion Ratio Lower Upper

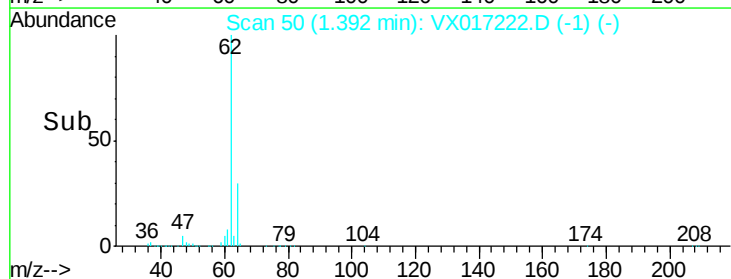
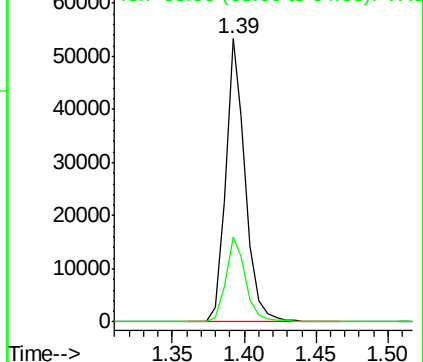
62 100

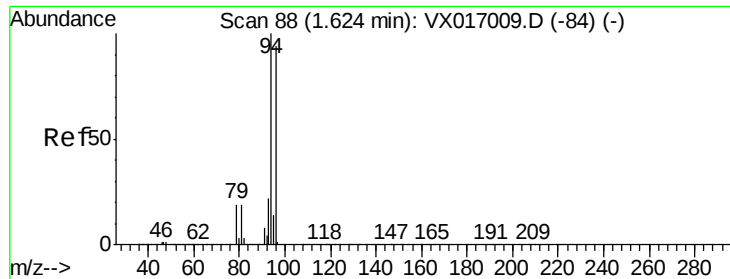
64 29.9 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.390 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

Tot Ion: 94 Resp: 32446

Ion Ratio Lower Upper

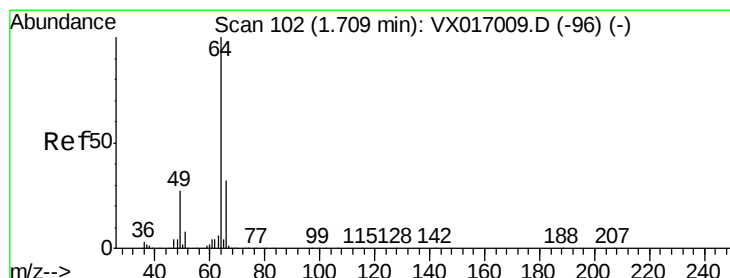
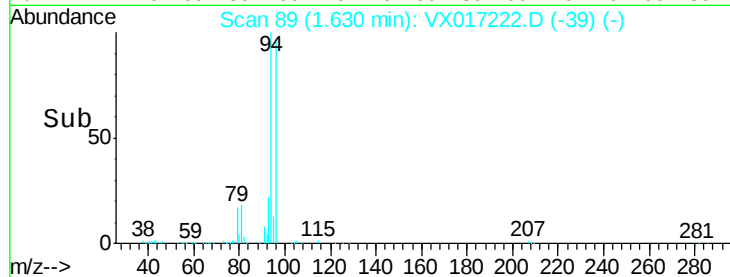
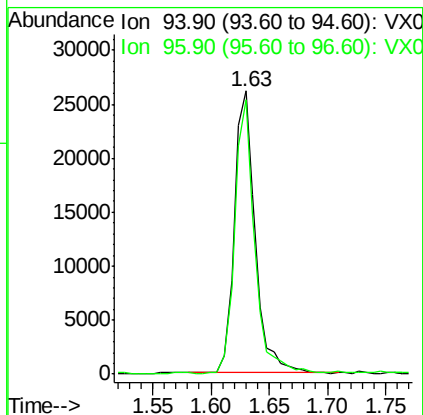
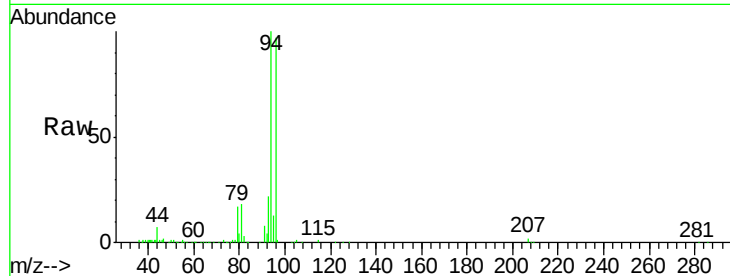
94 100

96 96.8 75.0 112.4

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#6

Chloroethane

Concen: 18.537 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017222.D

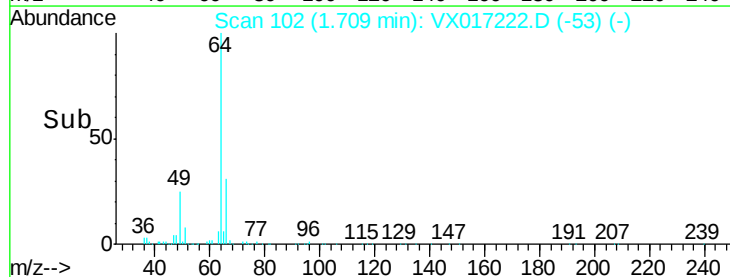
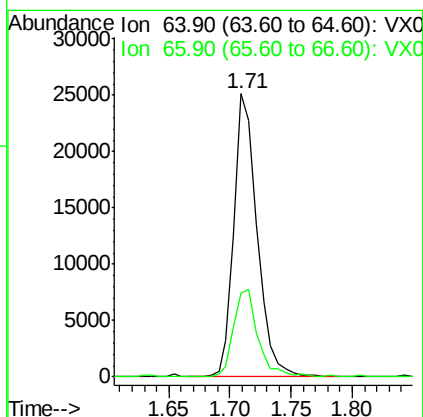
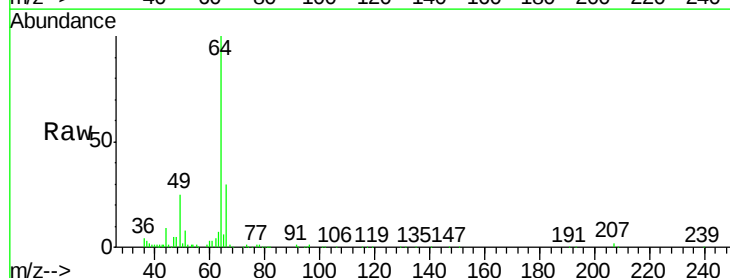
Acq: 07 Jul 2020 23:27

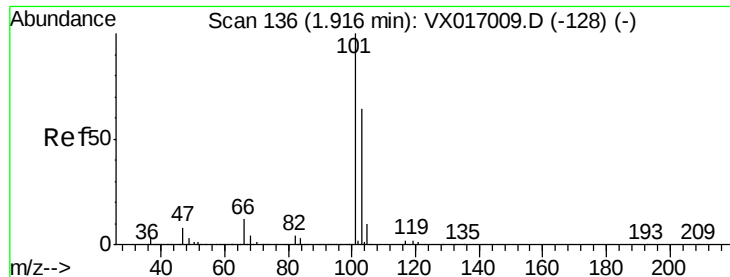
Tgt Ion: 64 Resp: 32974

Ion Ratio Lower Upper

64 100

66 29.5 25.5 38.3





#7

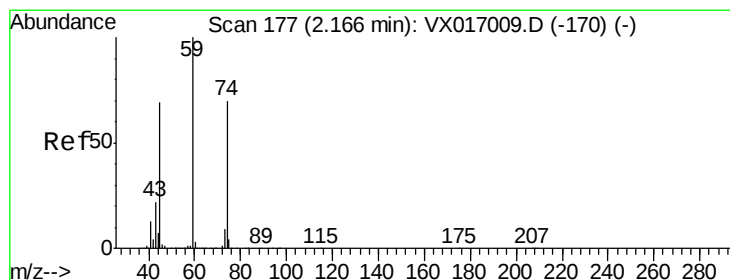
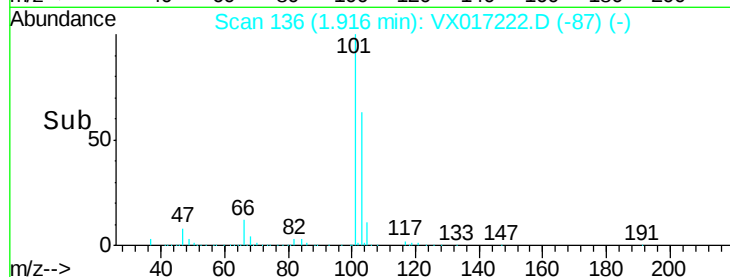
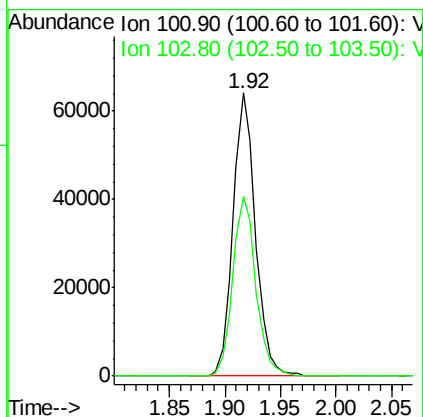
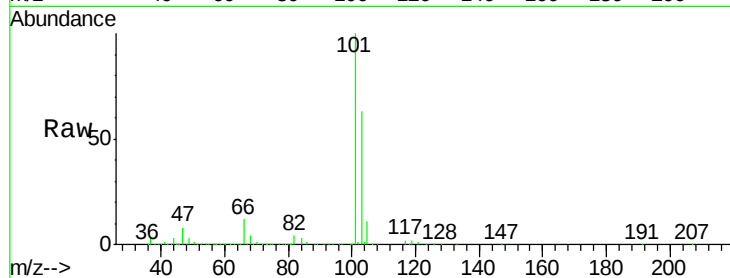
Trichlorofluoromethane
Concen: 20.062 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
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ClientSampleId :
VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.5	77.3

Manual Integrations
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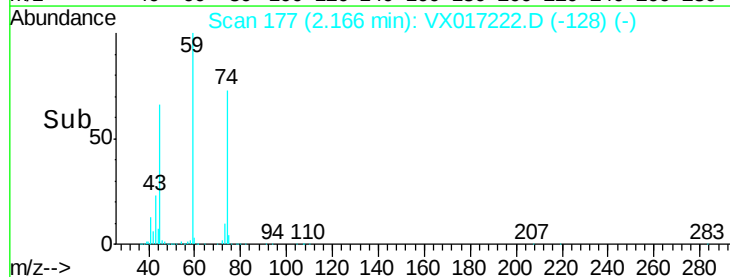
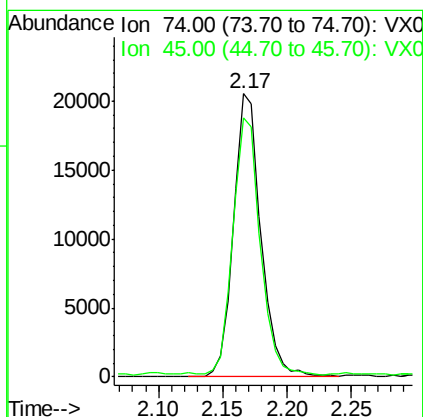
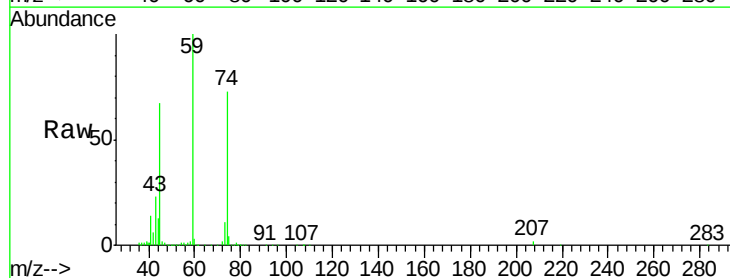
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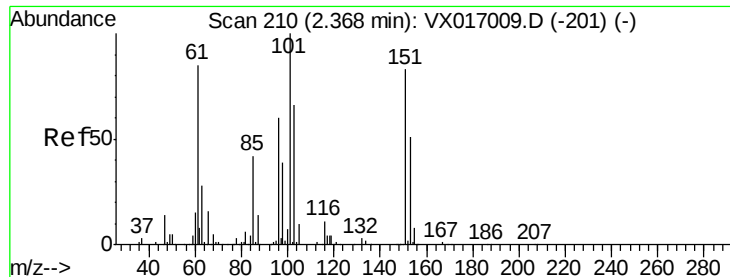


#8

Diethyl Ether
Concen: 20.553 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.3	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.841 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

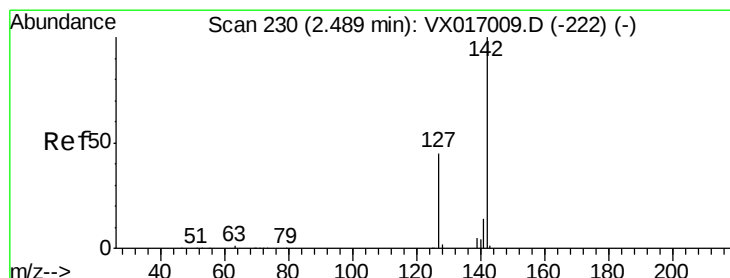
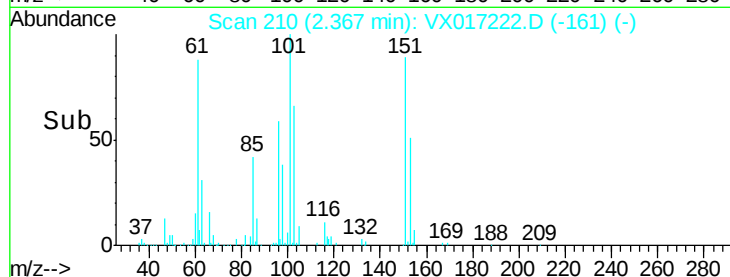
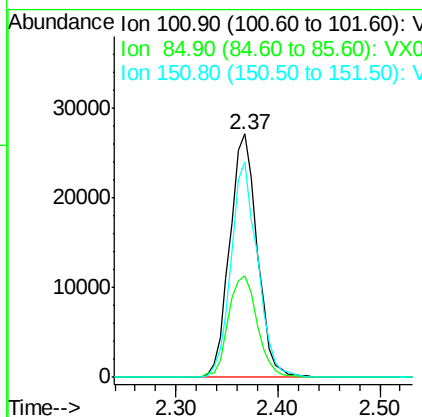
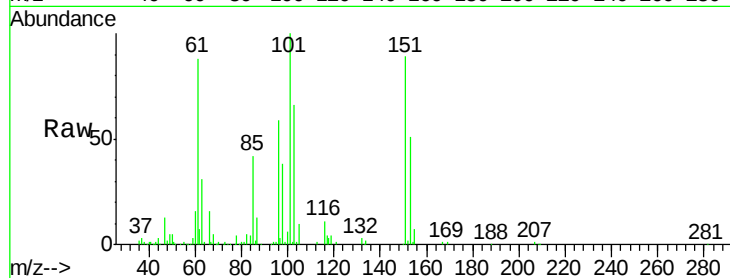
ClientSampleId :

VX0707WBSD02

Tot Ion:	101	Resp:	50300
Ion Ratio	Lower	Upper	
101	100		
85	43.8	33.5	50.3
151	85.3	63.8	95.6

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#10

Methyl Iodide

Concen: 12.753 ug/l

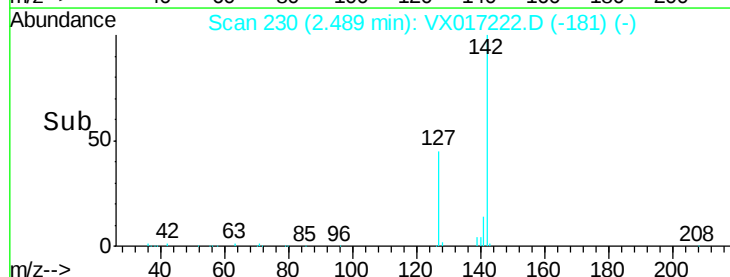
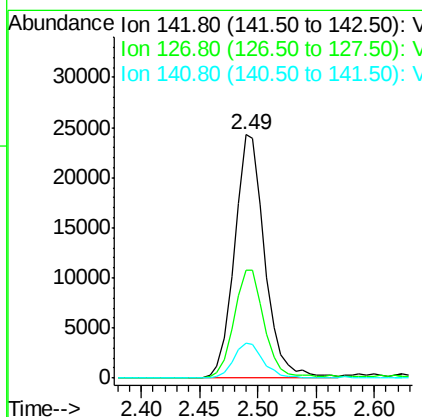
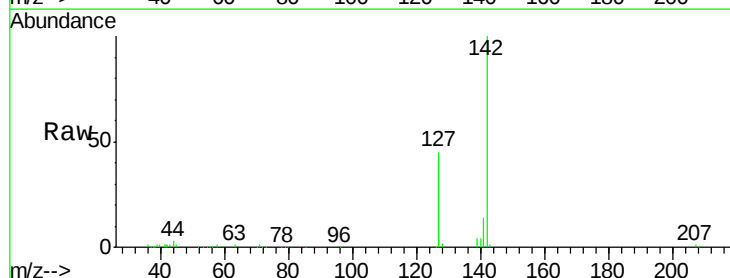
RT: 2.49 min Scan# 230

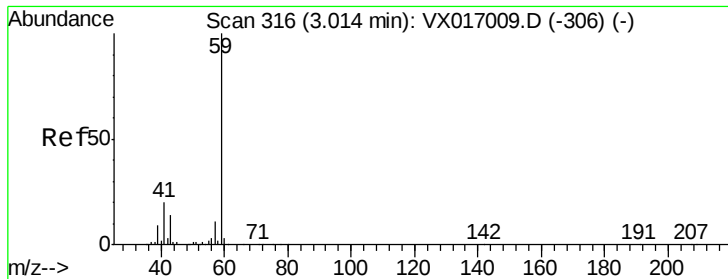
Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Tgt Ion:	142	Resp:	43933
Ion Ratio	Lower	Upper	
142	100		
127	44.7	36.6	54.8
141	14.1	11.6	17.4





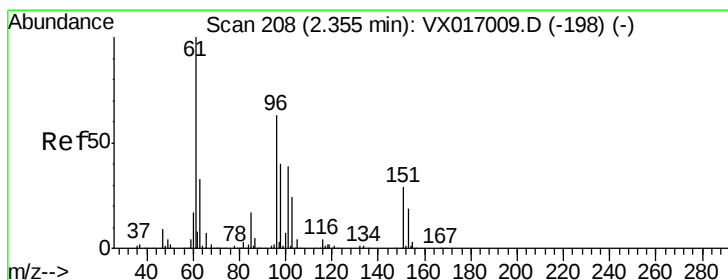
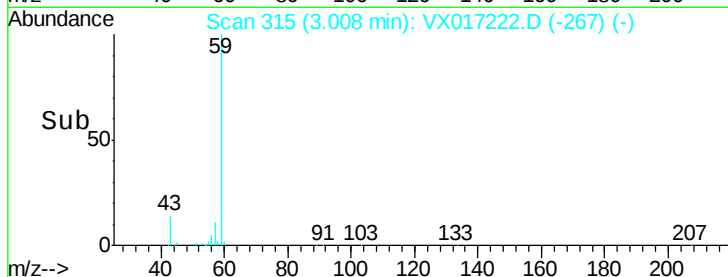
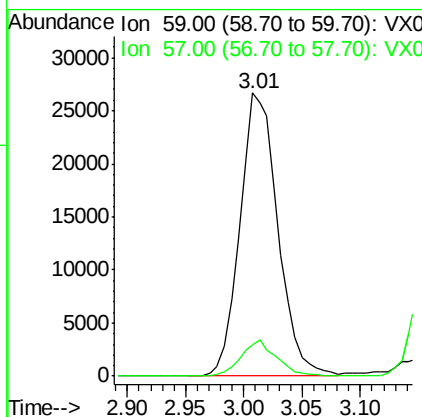
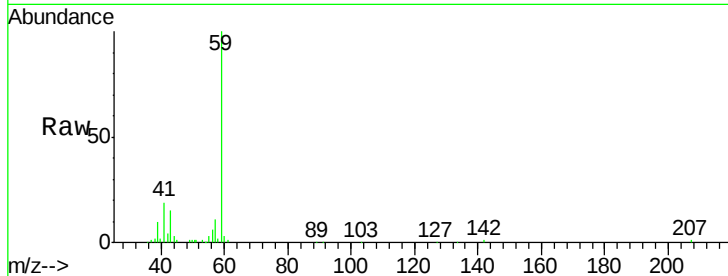
#11
Tert butyl alcohol
Concen: 93.109 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.8	8.2	12.2

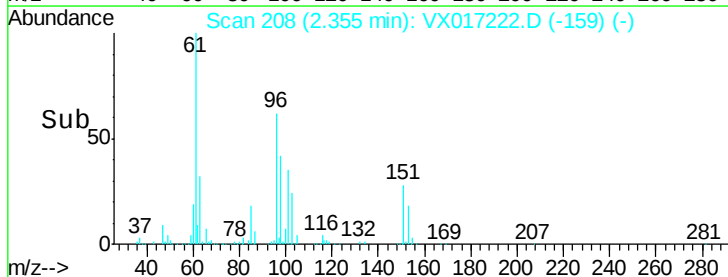
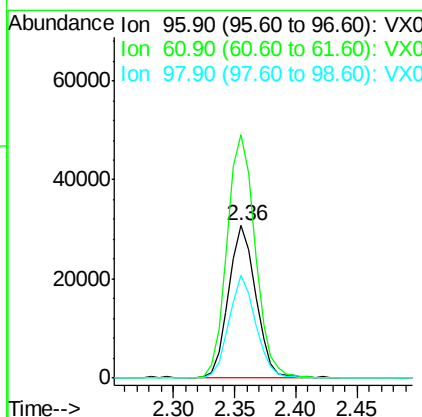
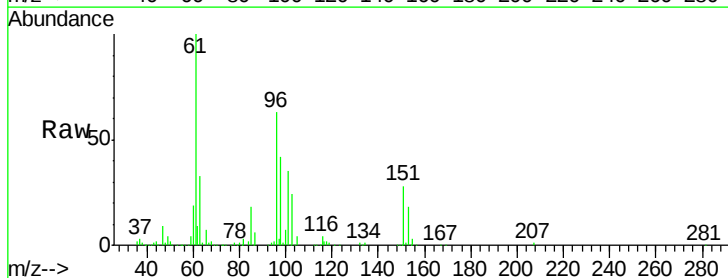
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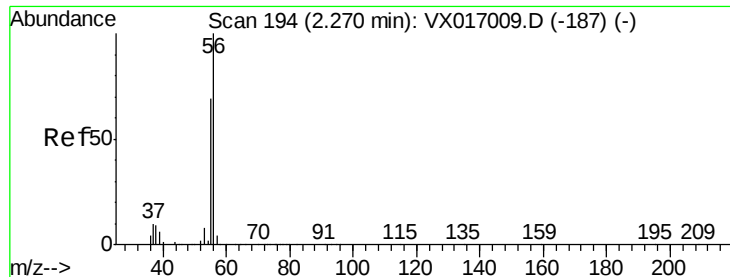
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.483 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.9	126.3	189.5
98	67.6	51.0	76.6





#13

Acrolein

Concen: 104.618 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

Tot Ion: 56 Resp: 40772

Ion Ratio Lower Upper

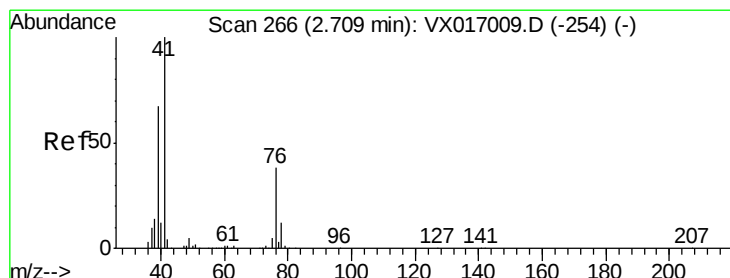
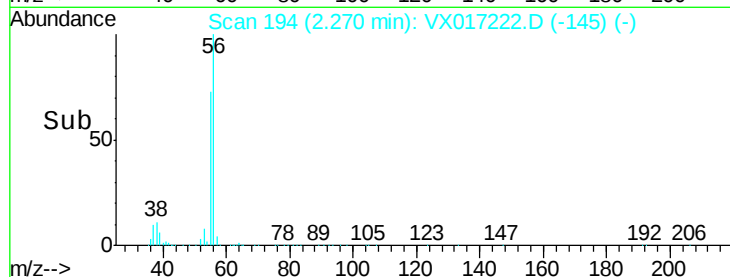
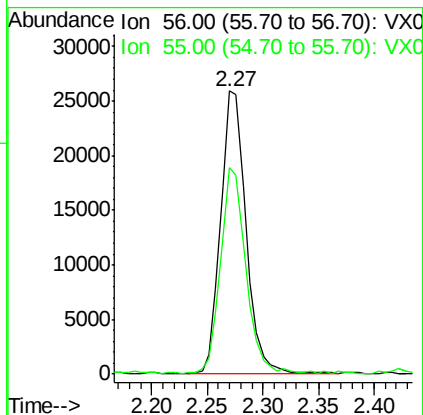
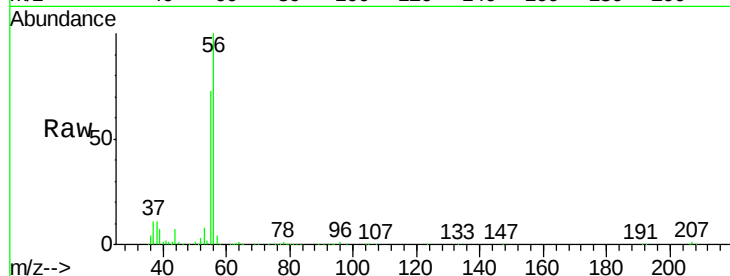
56 100

55 73.9 55.7 83.5

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#14

Allyl chloride

Concen: 16.460 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

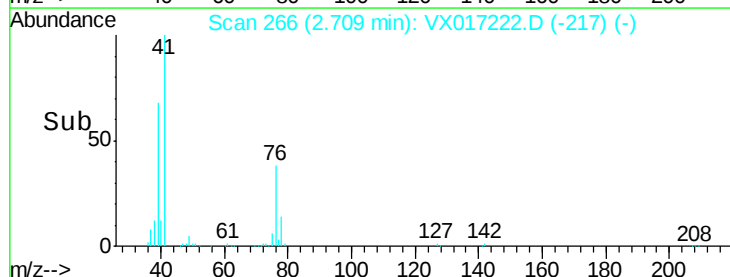
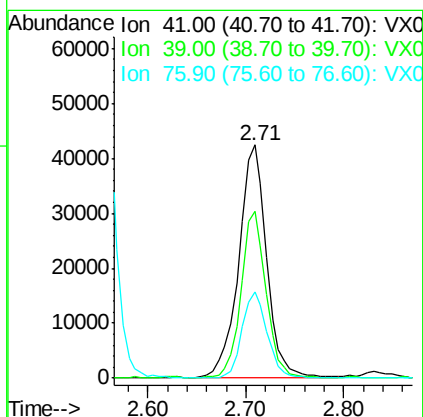
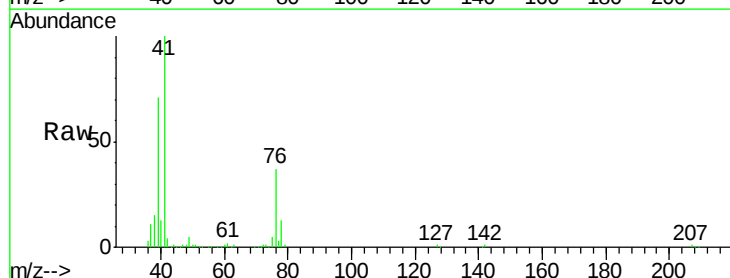
Tgt Ion: 41 Resp: 83429

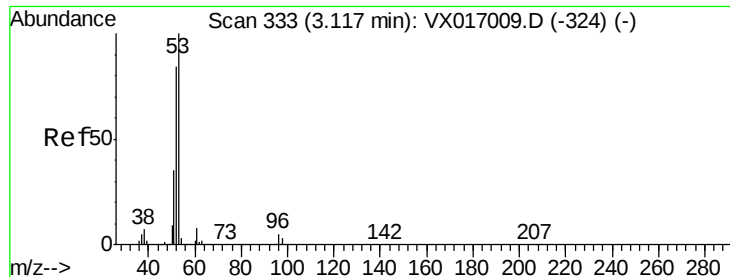
Ion Ratio Lower Upper

41 100

39 64.9 49.4 74.2

76 33.3 26.8 40.2





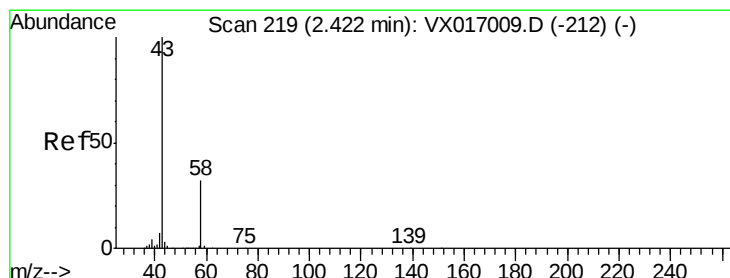
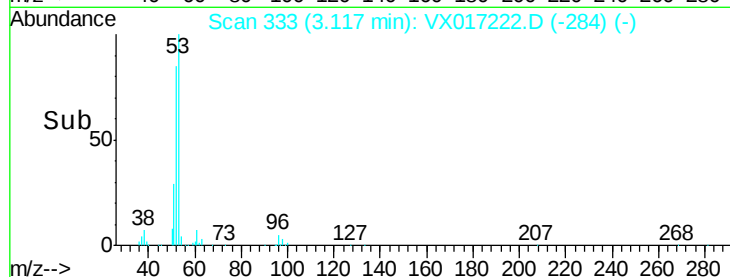
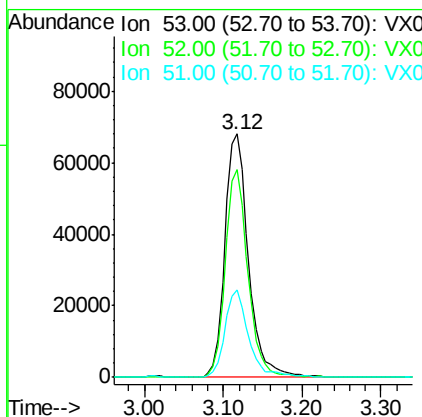
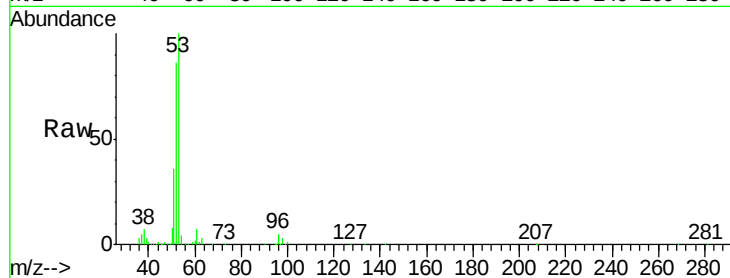
#15
Acrylonitrile
Concen: 90.176 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.2	65.6	98.4	
51	36.3	28.3	42.5	

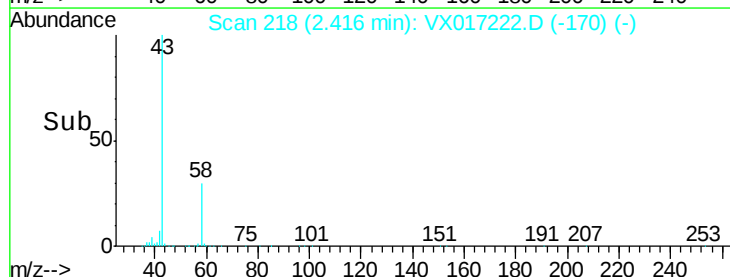
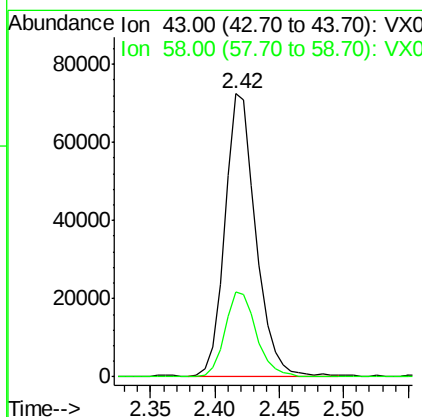
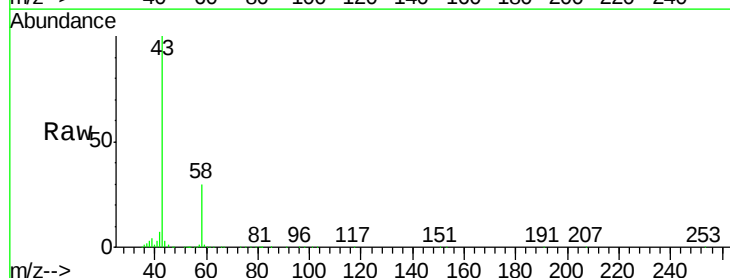
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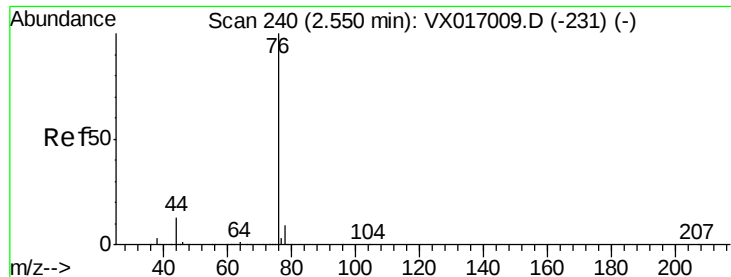
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#16
Acetone
Concen: 94.274 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	29.8	25.7	38.5	





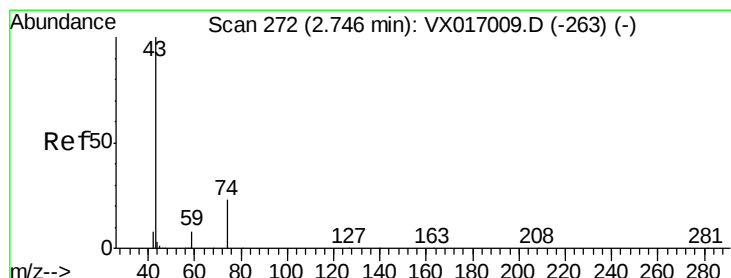
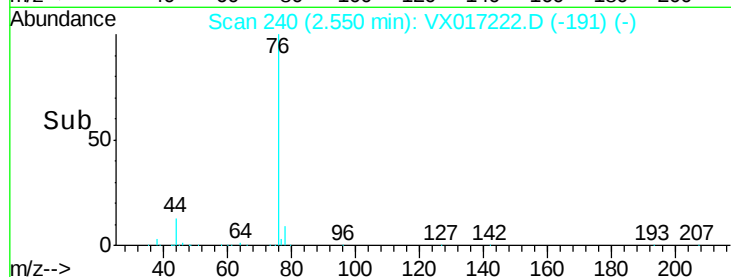
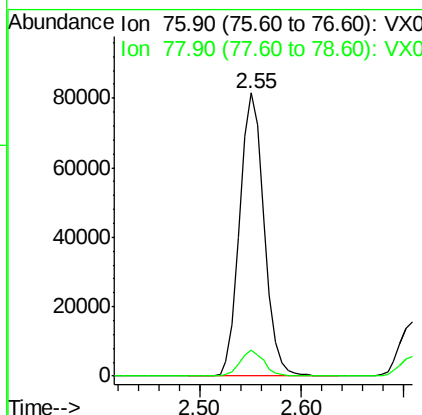
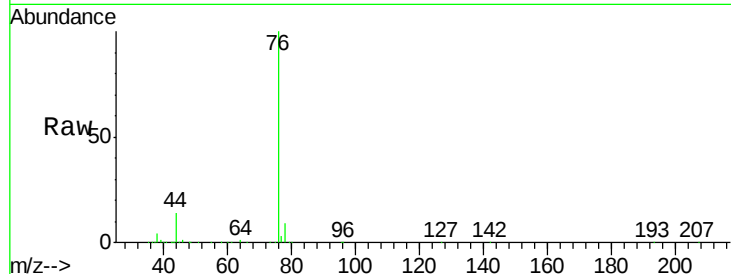
#17
Carbon Disulfide
Concen: 17.621 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

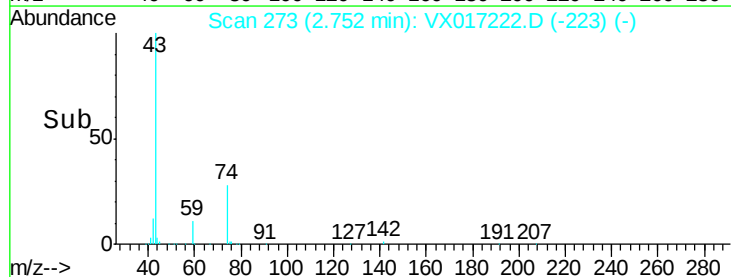
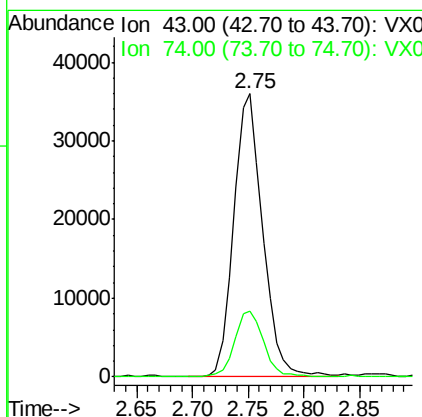
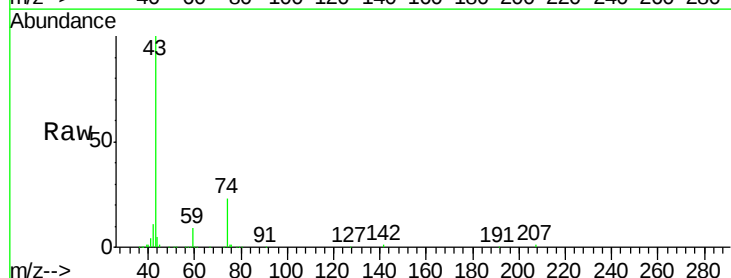
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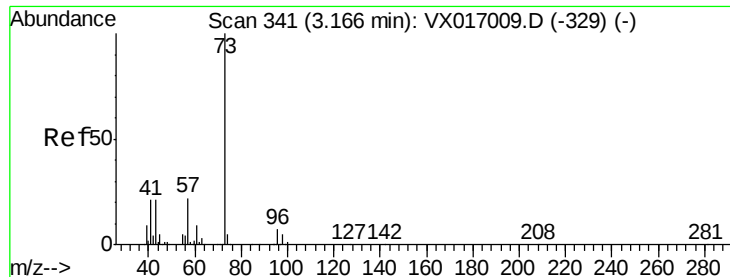
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#18
Methyl Acetate
Concen: 19.310 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.3	28.9





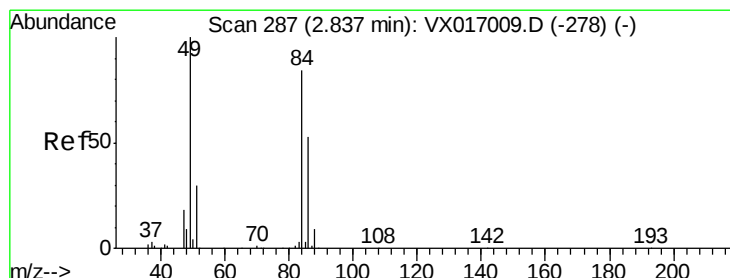
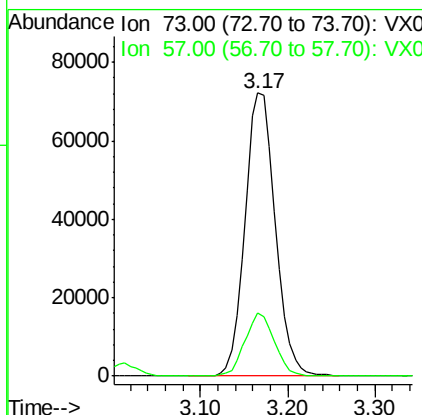
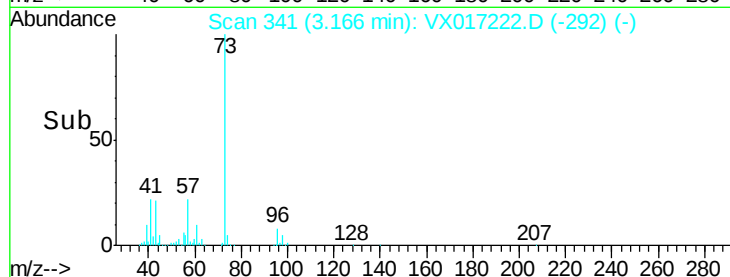
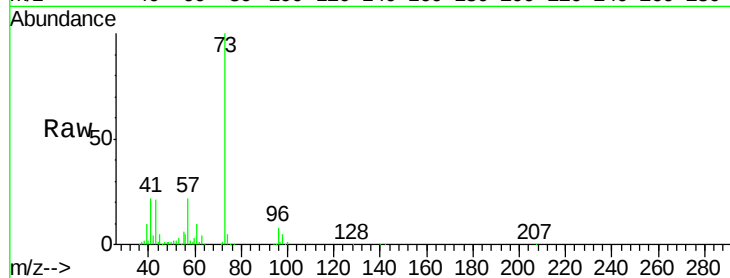
#19
Methvl tert-butvl Ether
Concen: 18.770 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	22.5	17.6	26.4

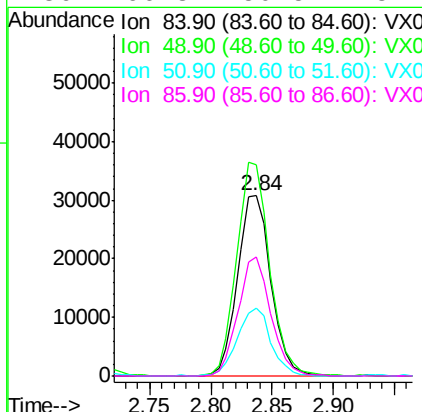
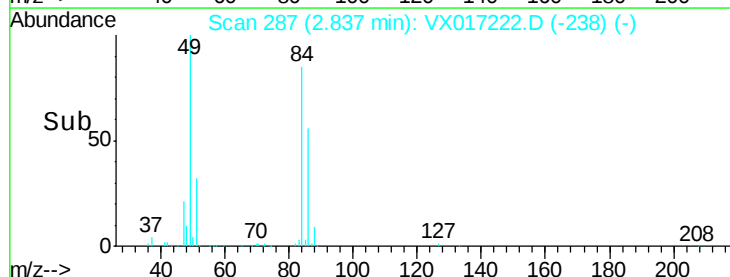
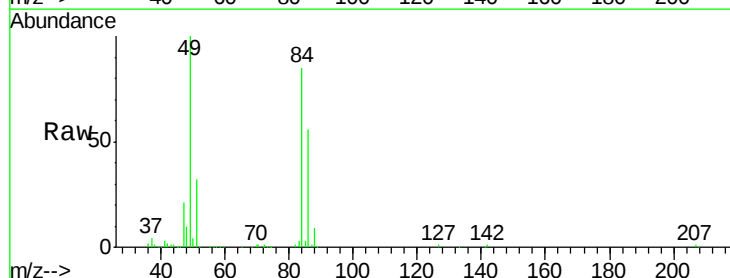
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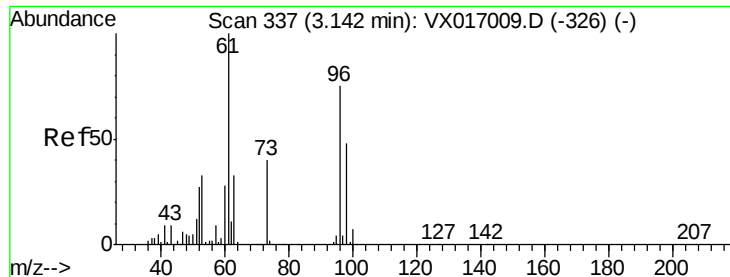
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#20
Methylene Chloride
Concen: 19.382 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	117.4	94.7	142.1
51	51	37.8	28.6	42.8
86	86	66.3	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 18.043 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

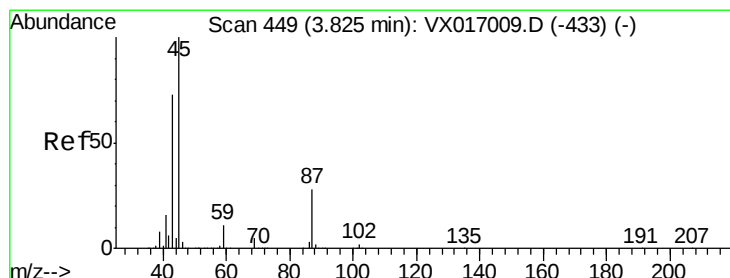
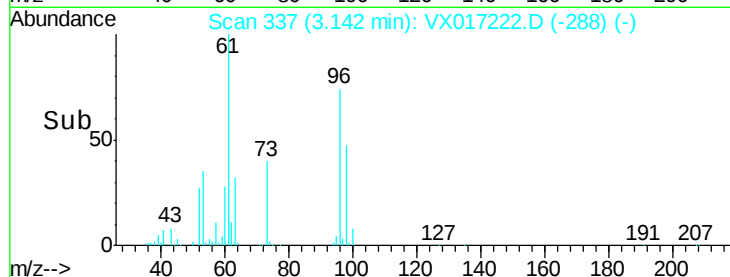
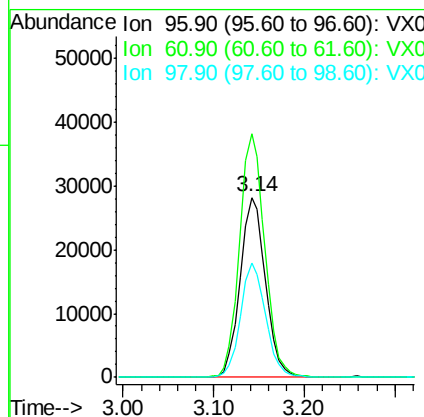
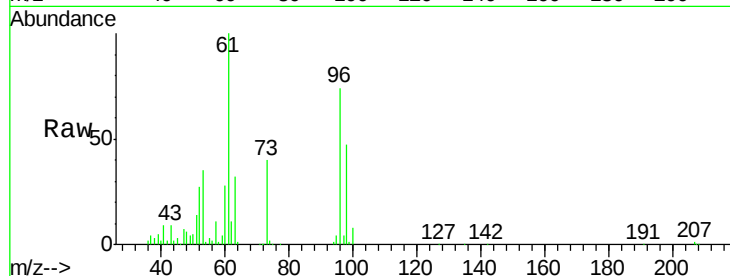
ClientSampleId :

VX0707WBSD02

Tot Ion:	96	Resp:	54916
Ion	Ratio	Lower	Upper
96	100		
61	135.0	107.0	160.6
98	63.2	51.6	77.4

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#22

Diisopropyl ether

Concen: 18.658 ug/l

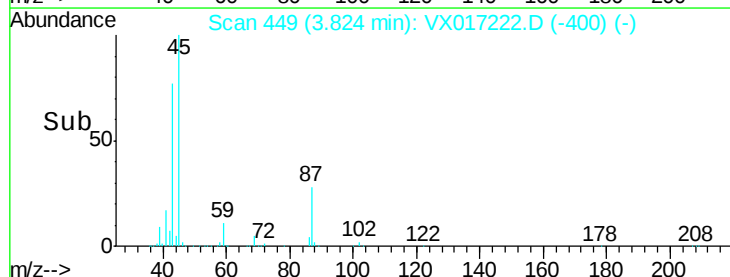
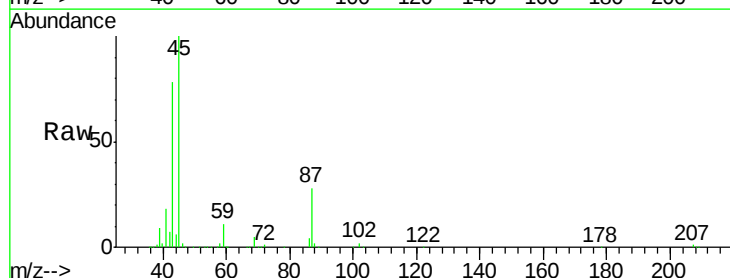
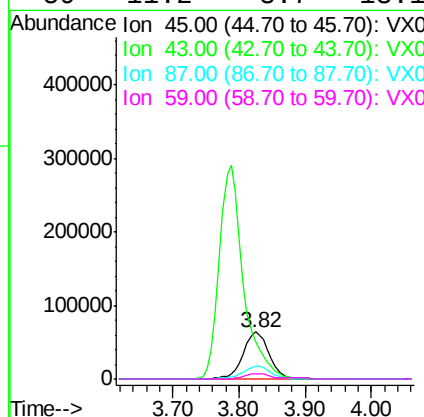
RT: 3.82 min Scan# 449

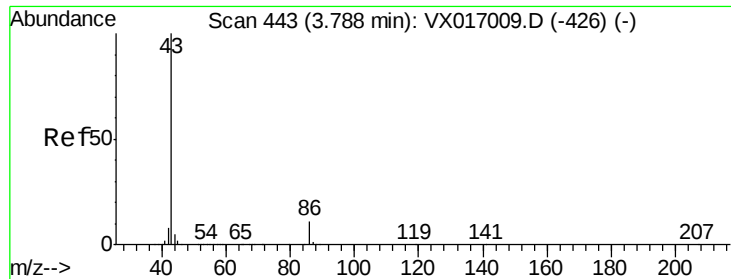
Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Tgt Ion:	45	Resp:	175030
Ion	Ratio	Lower	Upper
45	100		
43	77.6	58.6	88.0
87	28.3	22.6	34.0
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 91.595 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

Tot Ion: 43 Resp: 738367

Ion Ratio Lower Upper

43 100

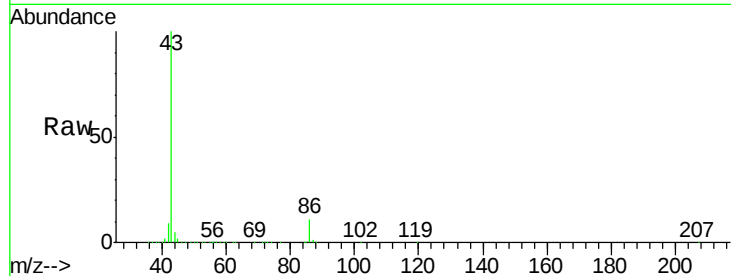
86 11.1 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

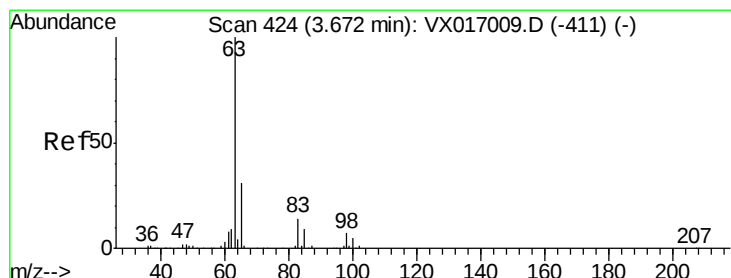
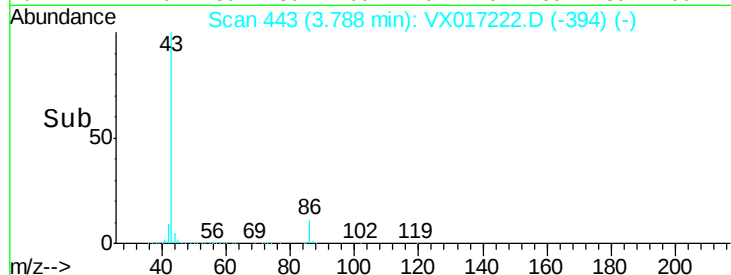
3.79

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.710 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

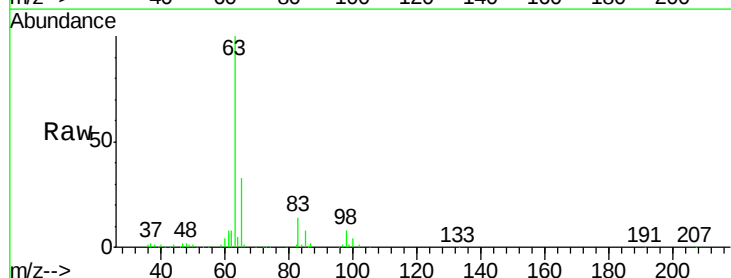
Tgt Ion: 63 Resp: 99869

Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 3.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

50000

40000

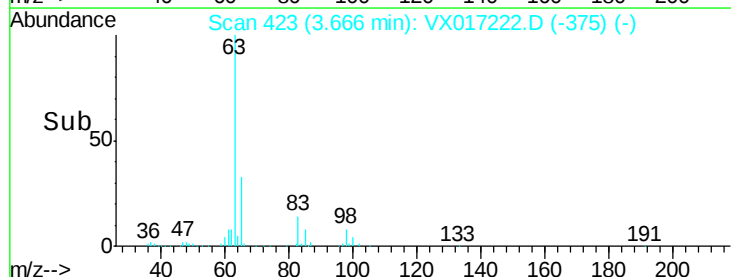
30000

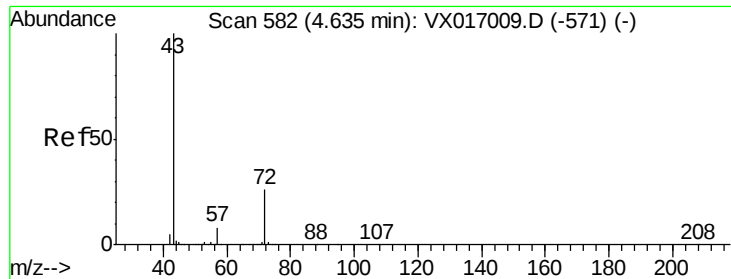
20000

10000

0

Time-->





#25

2-Butanone

Concen: 90.702 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

Tot Ion: 43 Resp: 193214

Ion Ratio Lower Upper

43 100

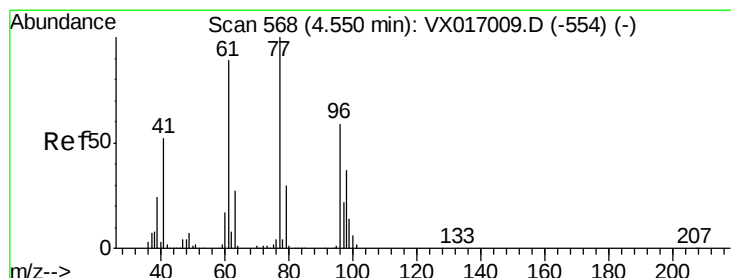
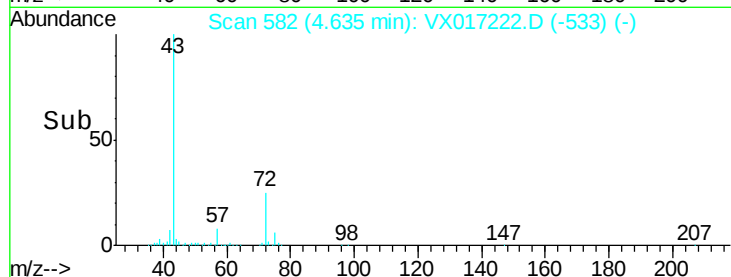
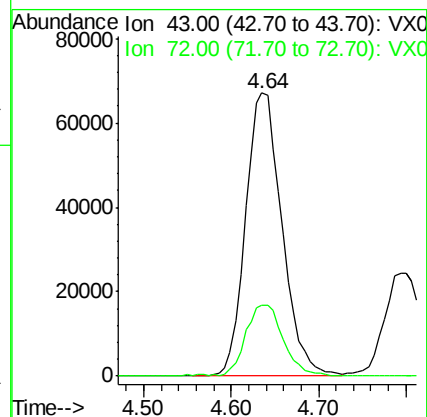
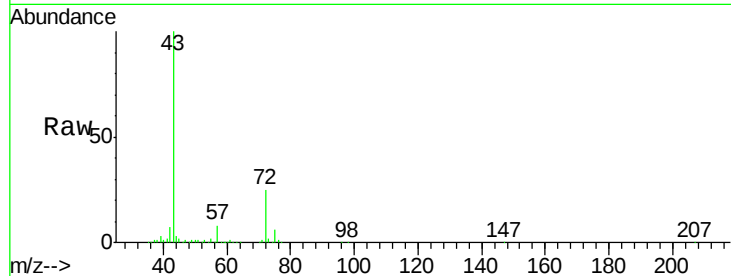
72 24.9 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 14.567 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017222.D

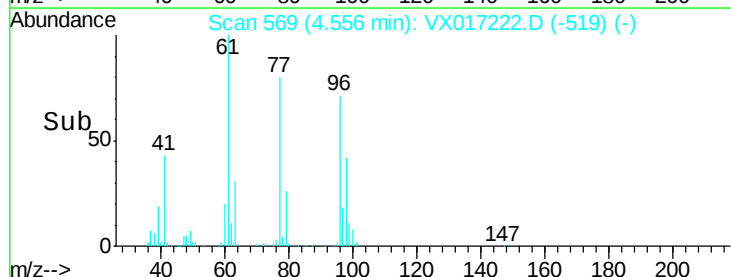
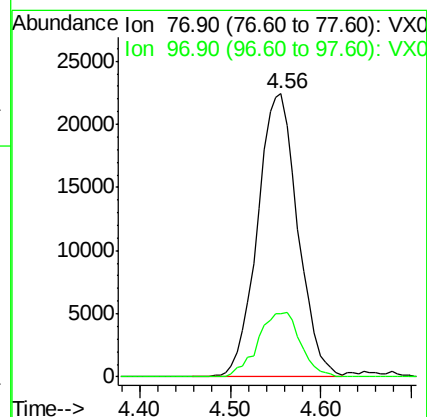
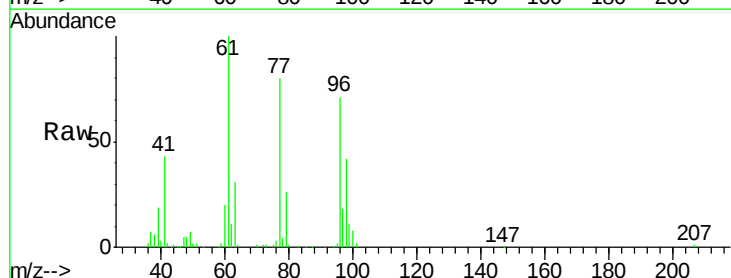
Acq: 07 Jul 2020 23:27

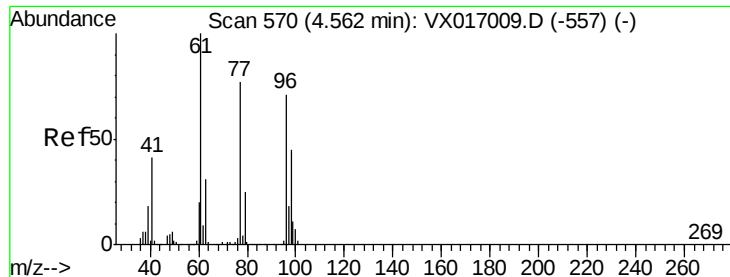
Tgt Ion: 77 Resp: 69041

Ion Ratio Lower Upper

77 100

97 23.9 11.4 34.2





#27

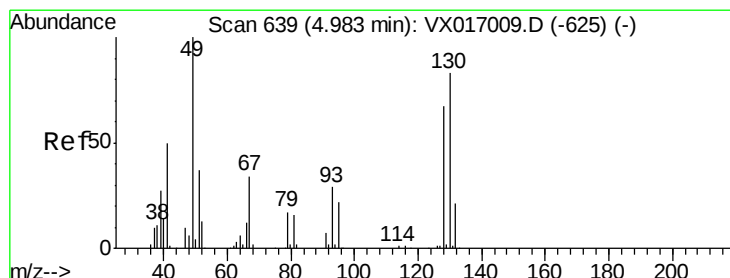
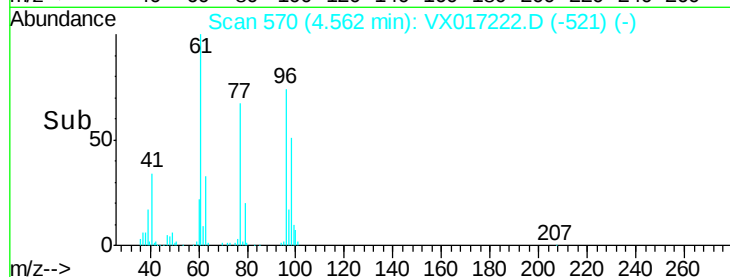
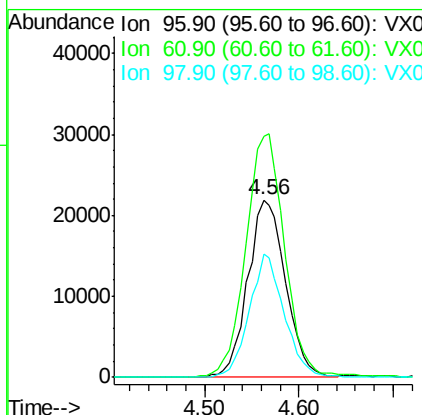
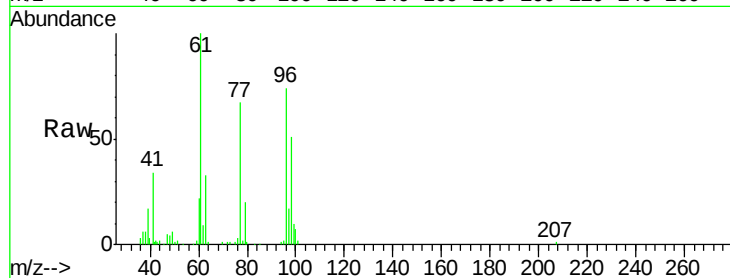
cis-1,2-Dichloroethene
Concen: 17.863 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	282.8
98	64.2	0.0	127.6

Manual Integrations
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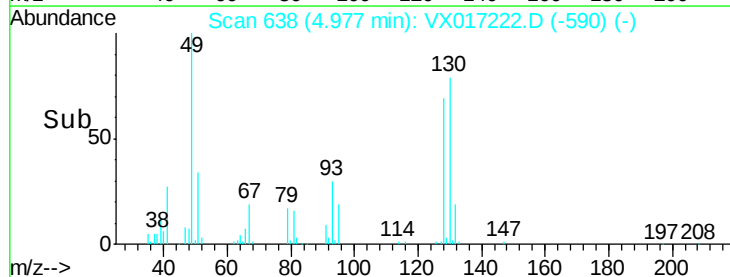
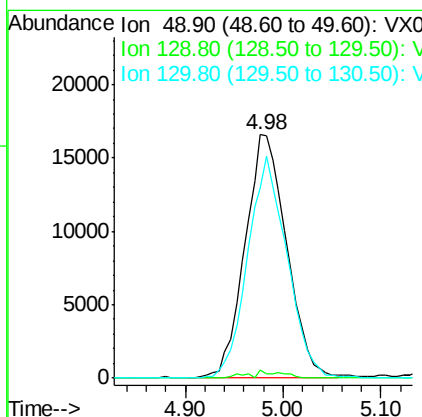
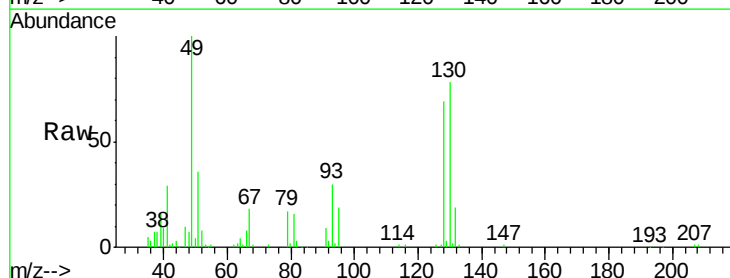
MMDadoda
7/8/2020 9:31:58 AM

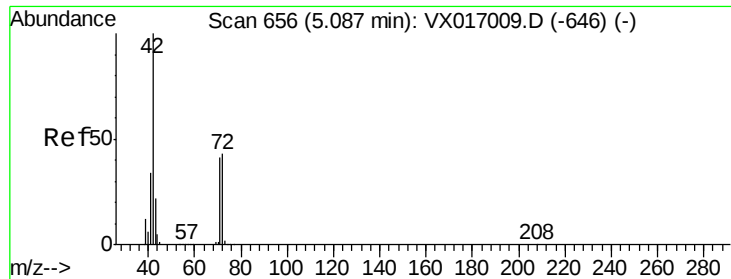


#28

Bromochloromethane
Concen: 18.864 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.2
130	86.1	66.6	100.0





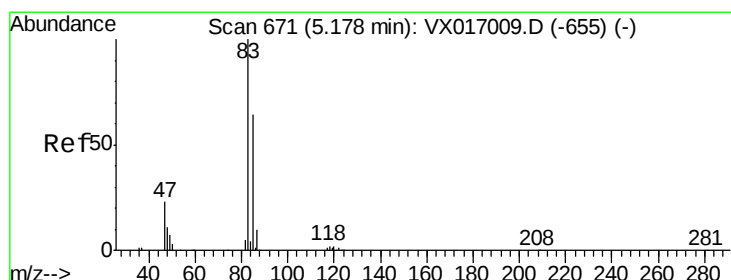
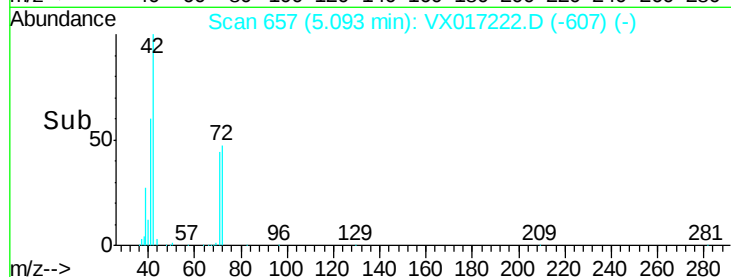
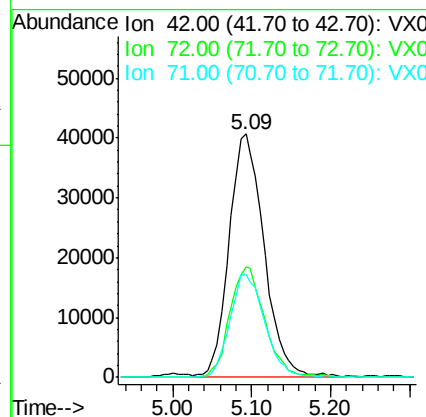
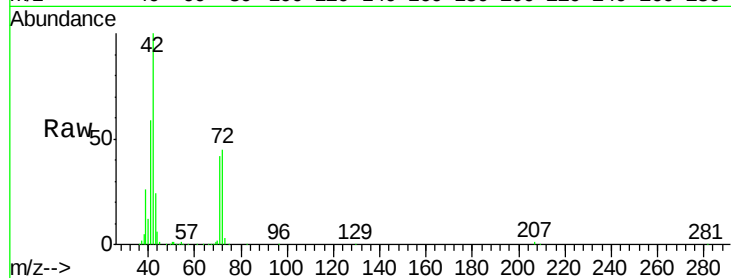
#29
Tetrahydrofuran
Concen: 88.342 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	35.3	52.9
71	42.4	33.1	49.7

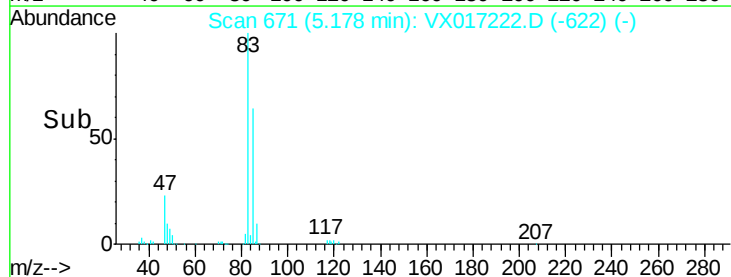
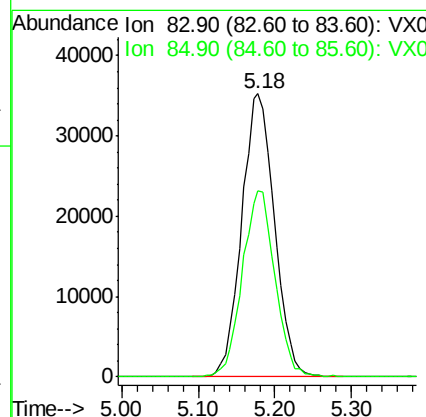
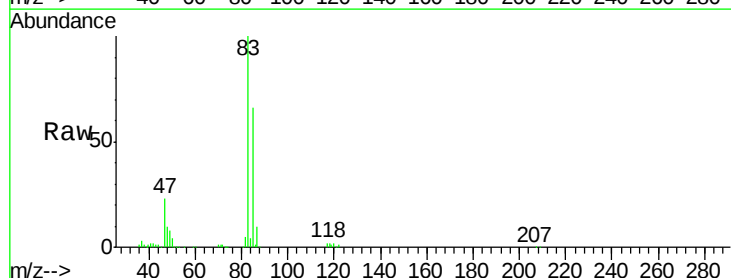
Manual Integrations
APPROVED

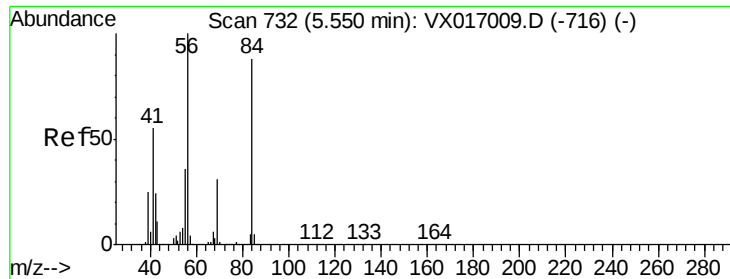
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#30
Chloroform
Concen: 19.194 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.4	77.2





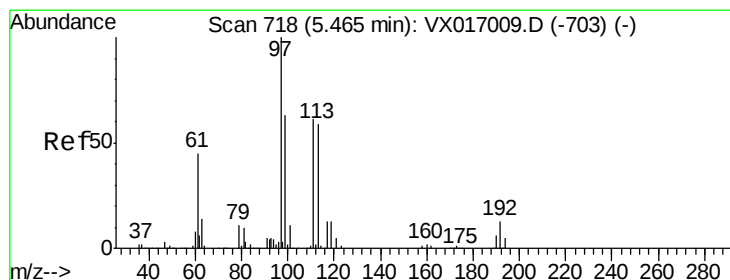
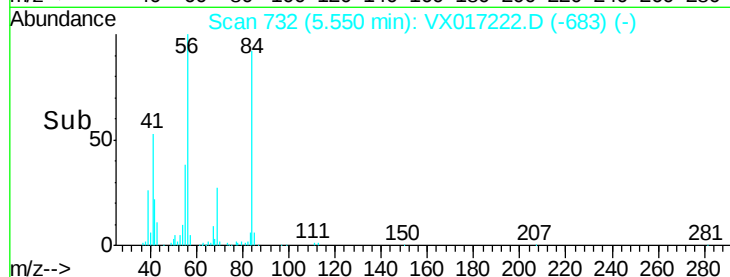
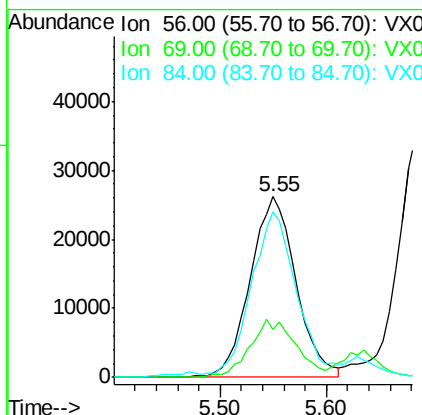
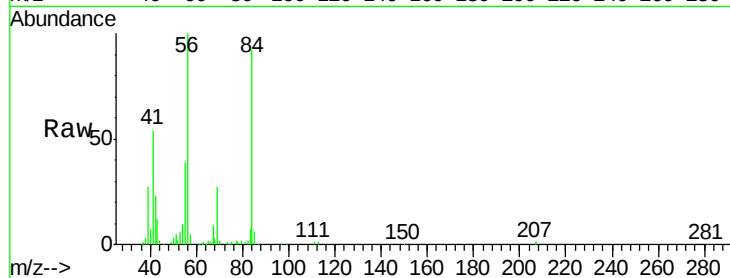
#31
Cyclohexane
Concen: 17.050 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		78666		
69	26.6	25.0	37.4		
84	88.3	69.1	103.7		

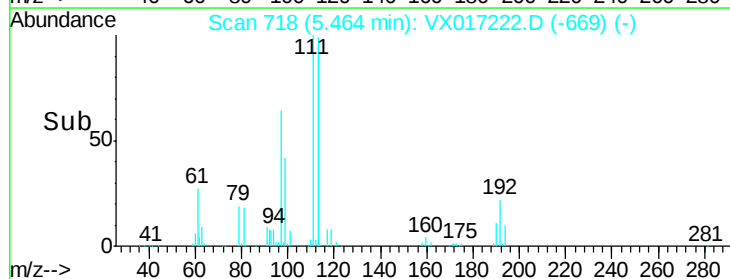
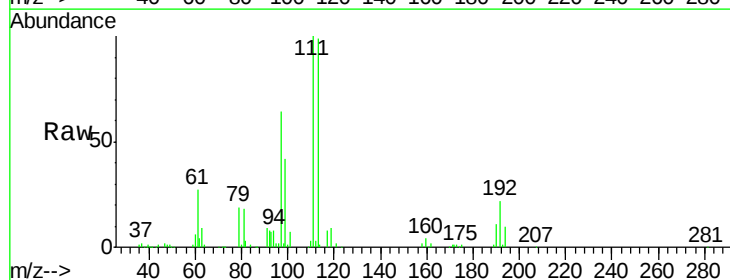
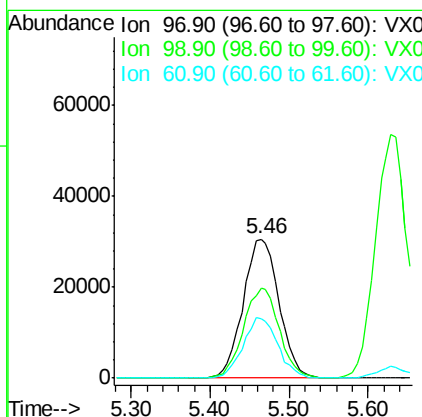
Manual Integrations
APPROVED

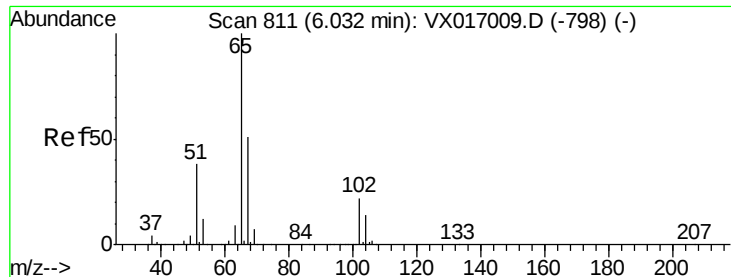
MMDadoda
7/8/2020 9:31:58 AM



#32
1,1,1-Trichloroethane
Concen: 19.152 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		96512		
99	64.7	50.8	76.2		
61	42.2	33.7	50.5		





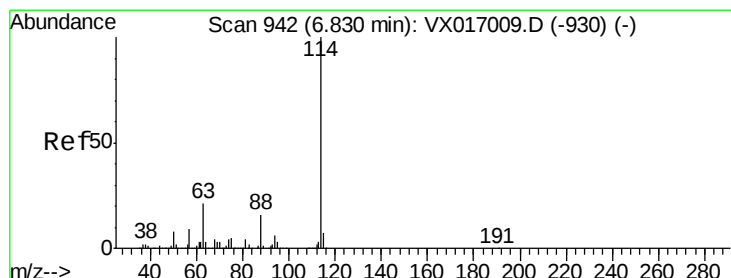
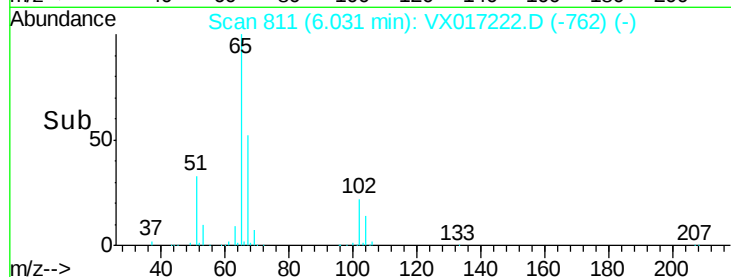
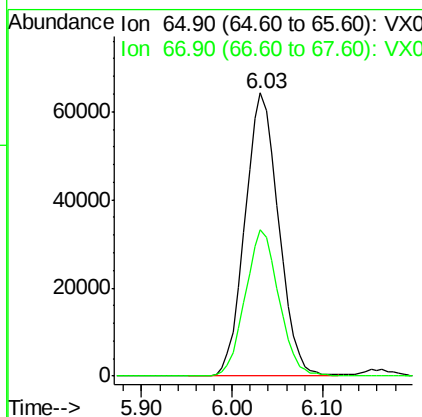
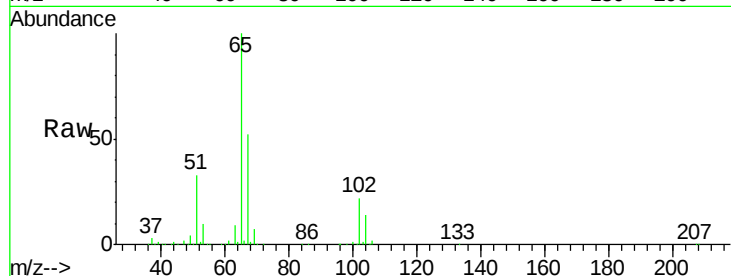
#33
 1,2-Dichloroethane-d4
 Concen: 48.343 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	165208		
67	51.9	0.0	103.8	

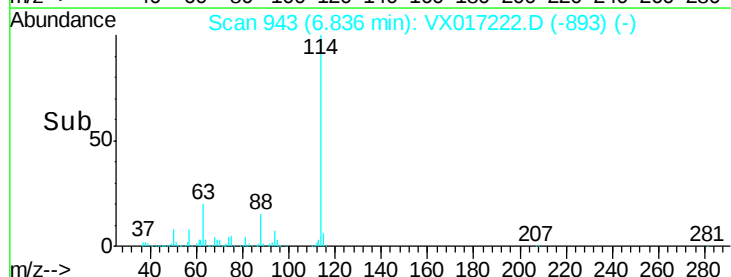
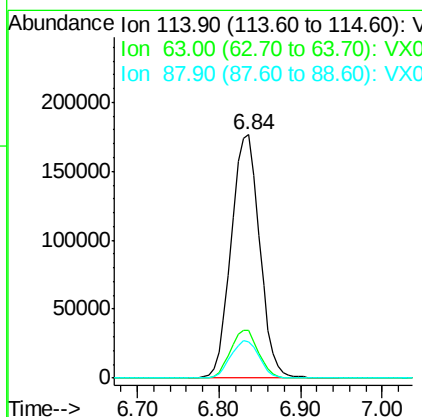
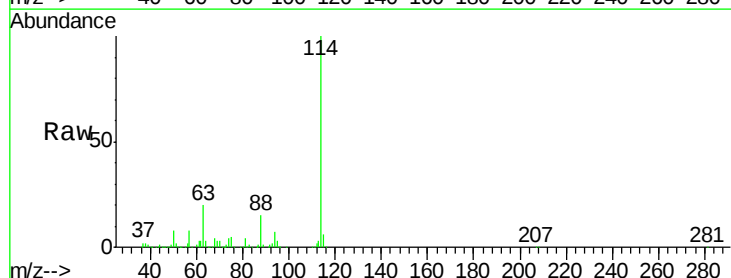
Manual Integrations
 APPROVED

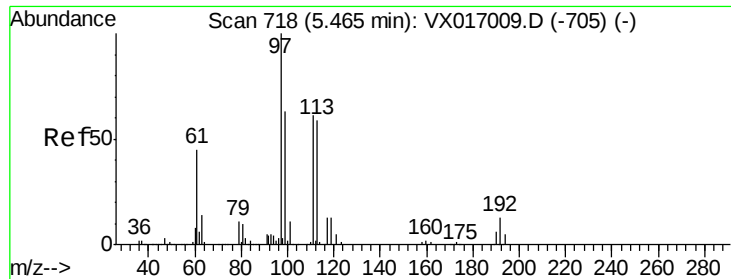
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	424939		
63	19.5	0.0	41.4	
88	15.1	0.0	32.4	





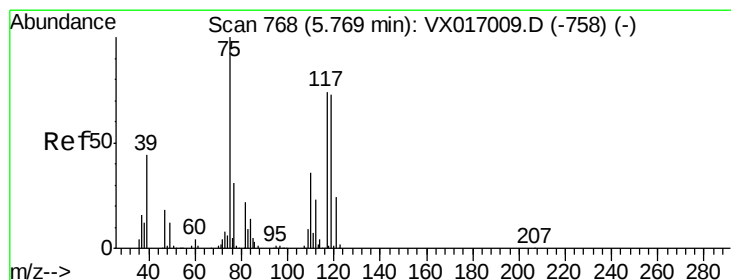
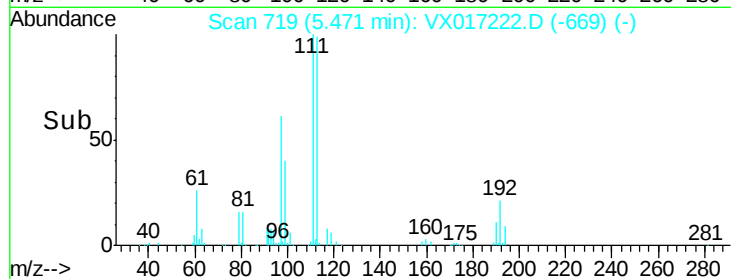
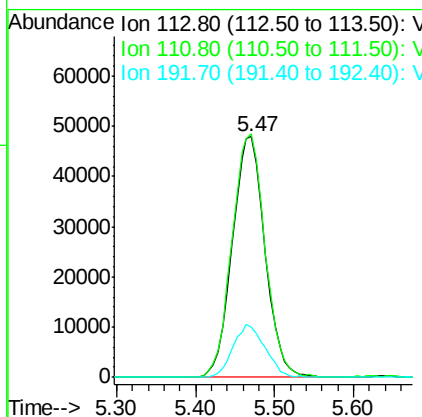
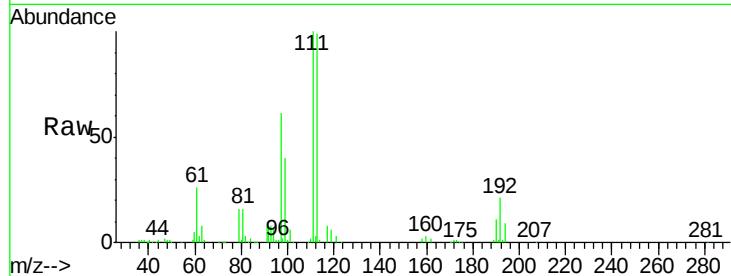
#35
 Dibromofluoromethane
 Concen: 51.320 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	21.6	16.7	25.1

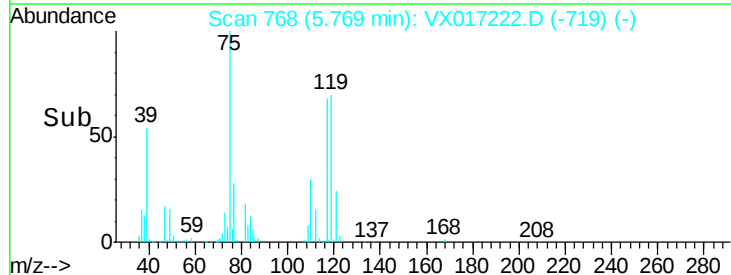
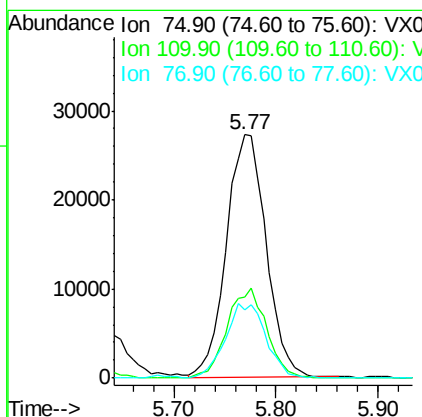
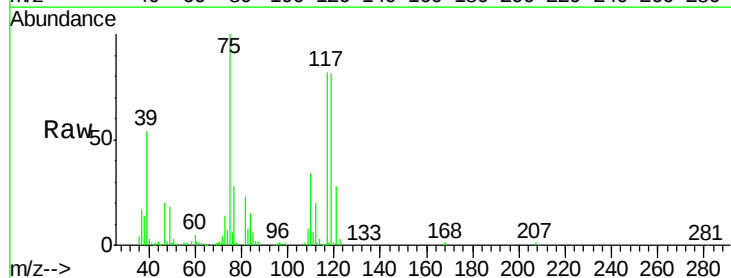
Manual Integrations
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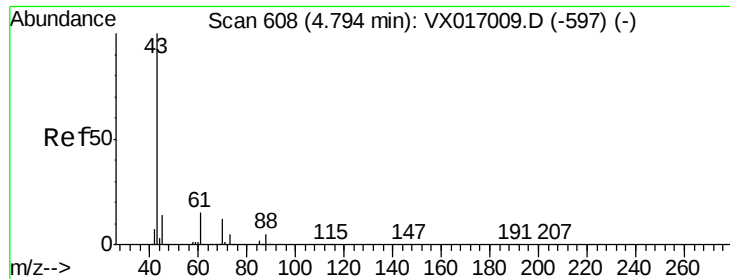
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#36
 1,1-Dichloropropene
 Concen: 18.305 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.1	54.1
77	31.5	24.6	37.0





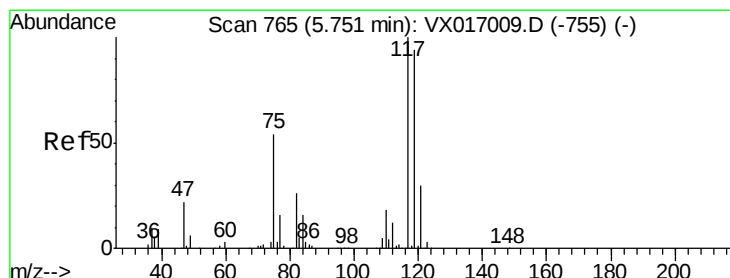
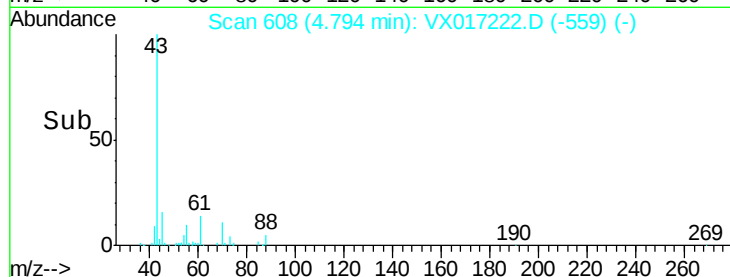
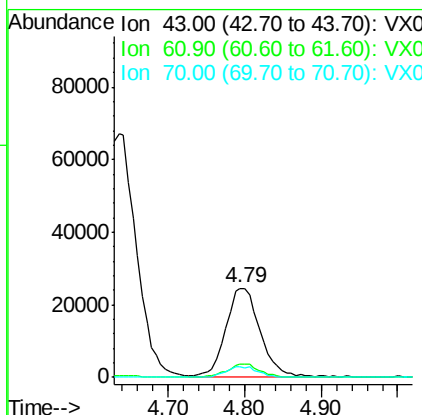
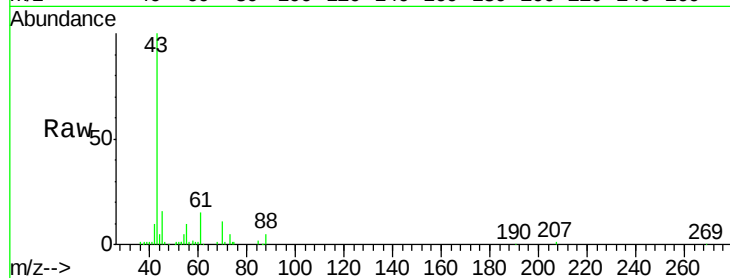
#37
Ethyl Acetate
Concen: 18.401 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.0	16.4
70	11.8	8.9	13.3

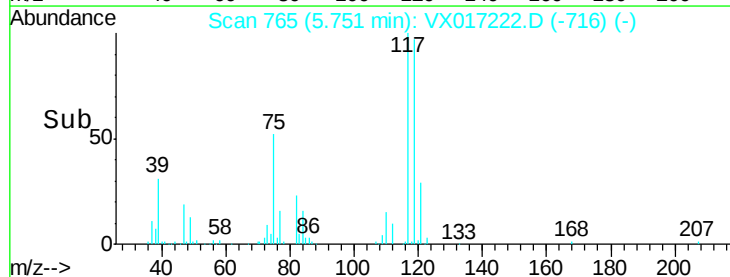
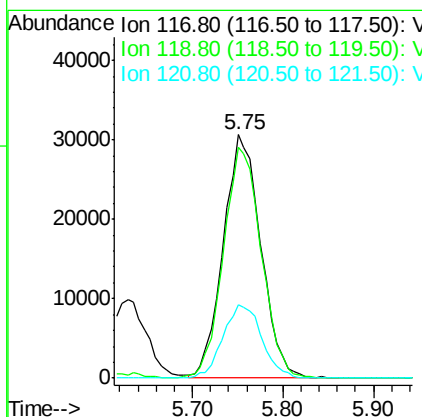
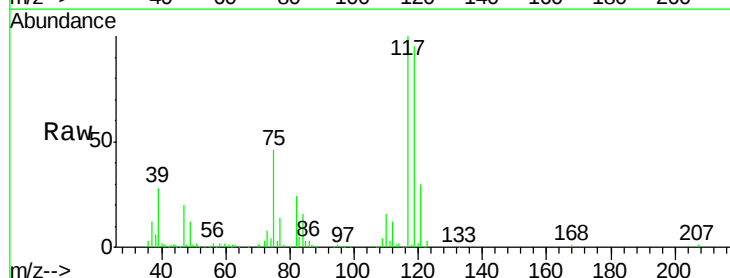
Manual Integrations
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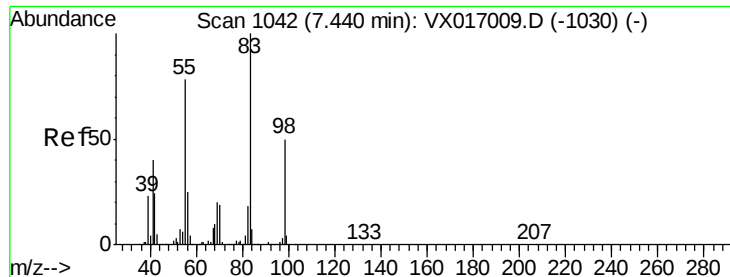
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#38
Carbon Tetrachloride
Concen: 19.911 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.4	113.0
121	30.2	23.8	35.6





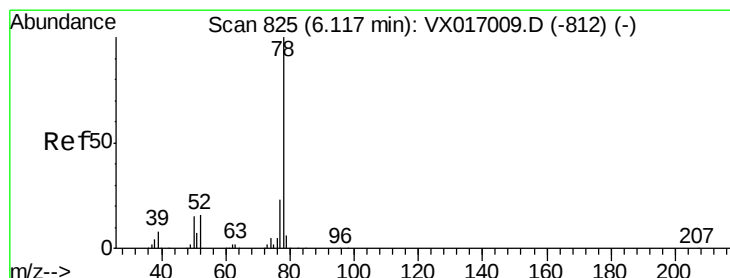
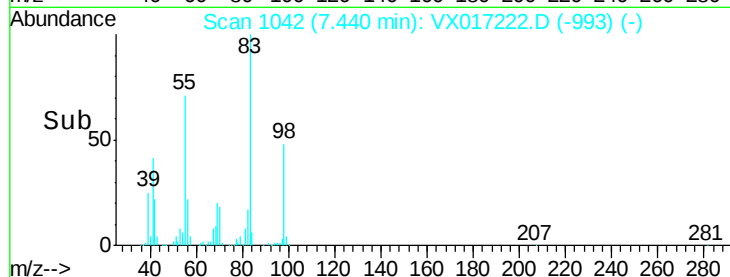
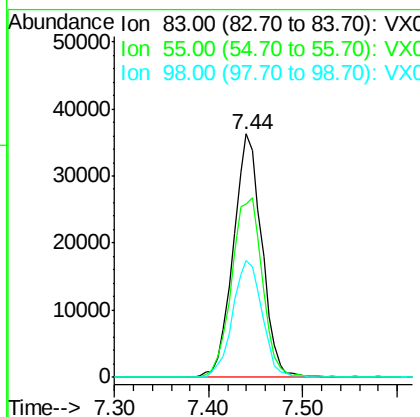
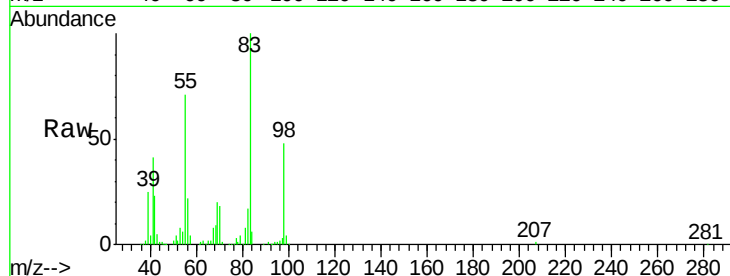
#39
Methvlcvclohexane
Concen: 17.113 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.9	62.5	93.7
98	48.1	40.1	60.1

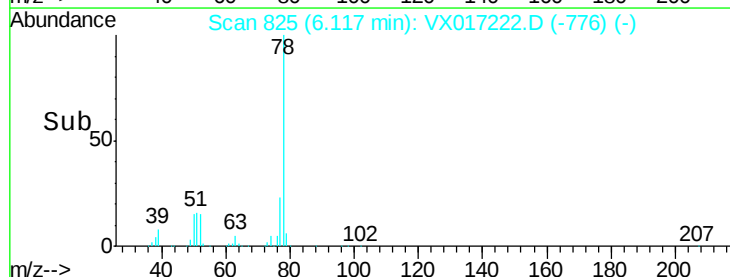
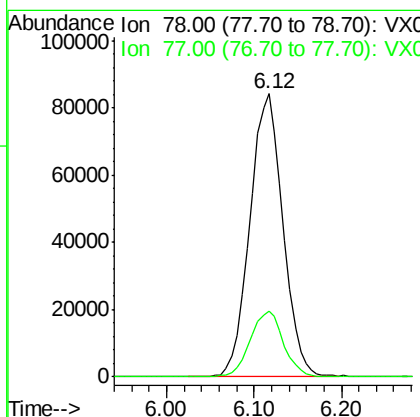
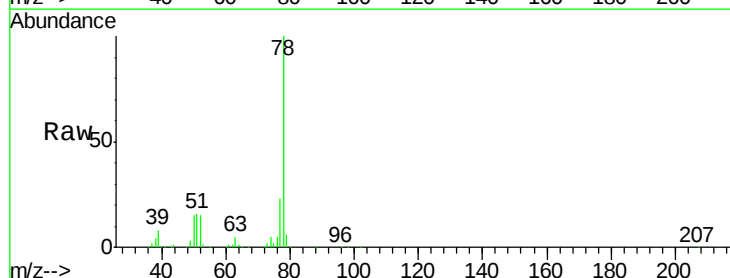
Manual Integrations
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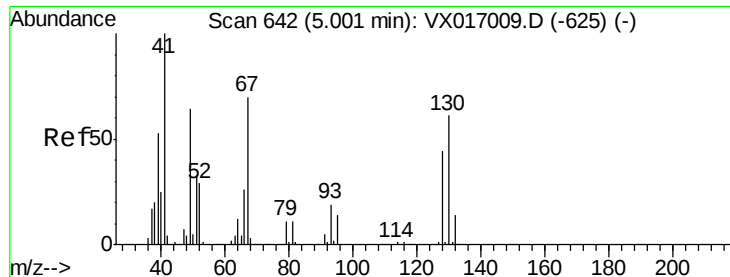
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#40
Benzene
Concen: 18.682 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.3	27.5





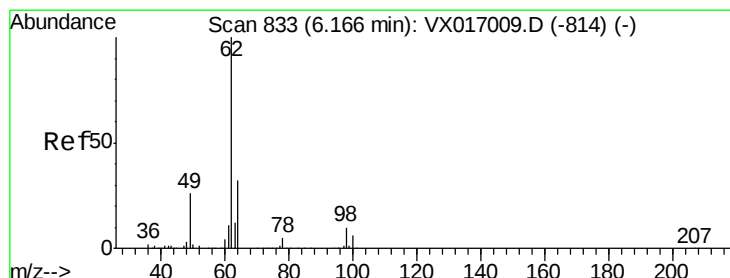
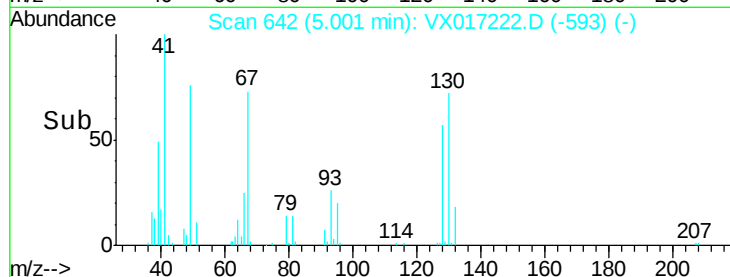
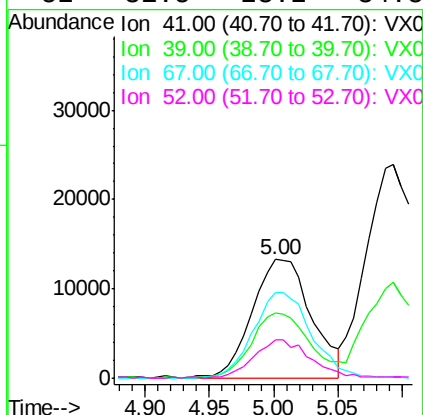
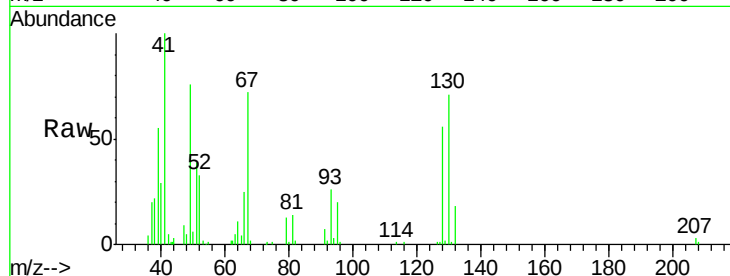
#41
Methacrylonitrile
Concen: 18.291 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion:	41	Resp:	41949
Ion	Ratio	Lower	Upper
41	100		
39	53.9	44.4	66.6
67	72.1	57.1	85.7
52	31.5	23.2	34.8

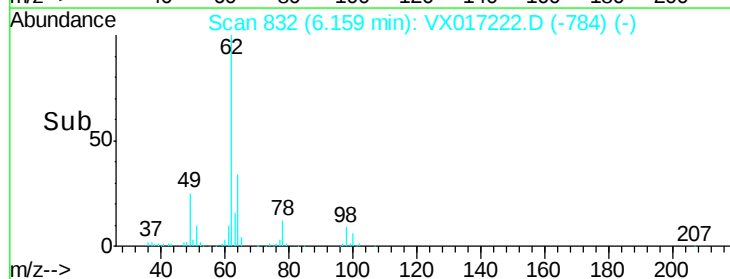
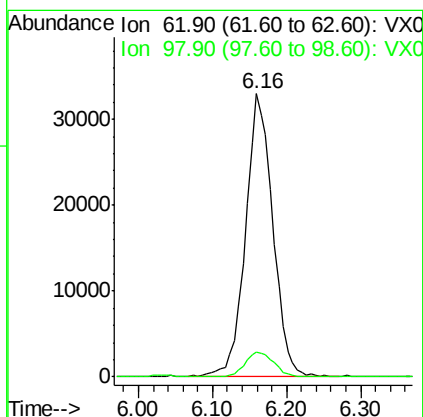
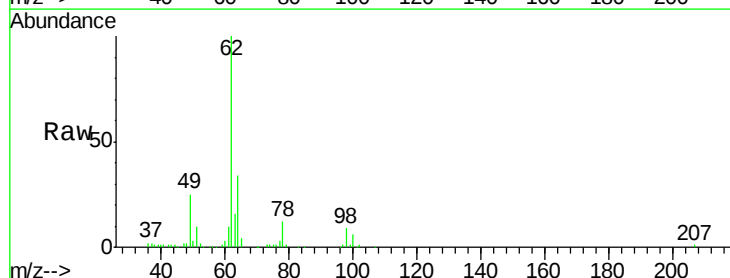
Manual Integrations
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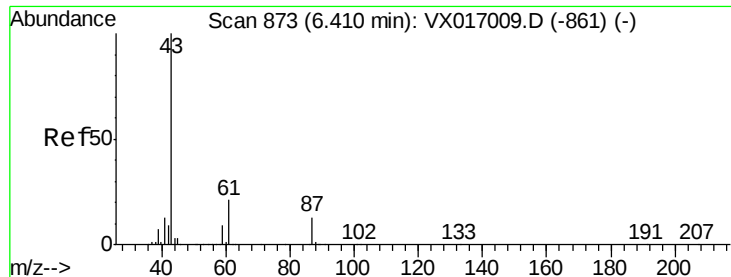
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#42
1,2-Dichloroethane
Concen: 19.965 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion:	62	Resp:	85098
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2





#43

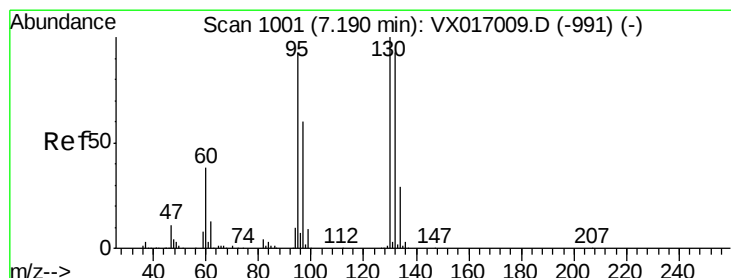
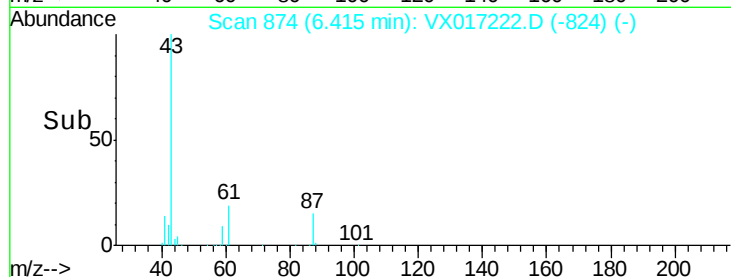
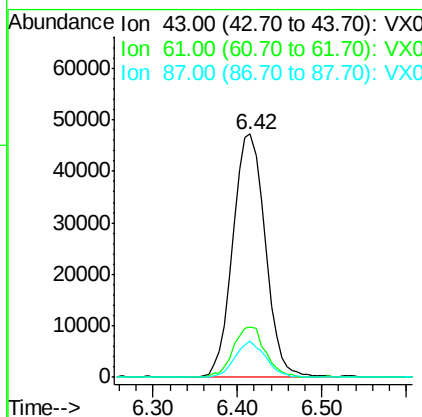
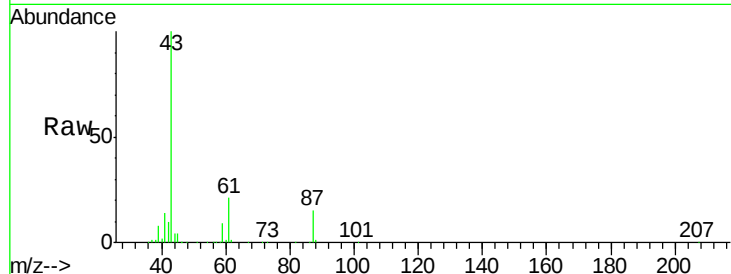
Isopropyl Acetate
 Concen: 18.017 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.2	24.2
87	14.2	10.7	16.1

Manual Integrations
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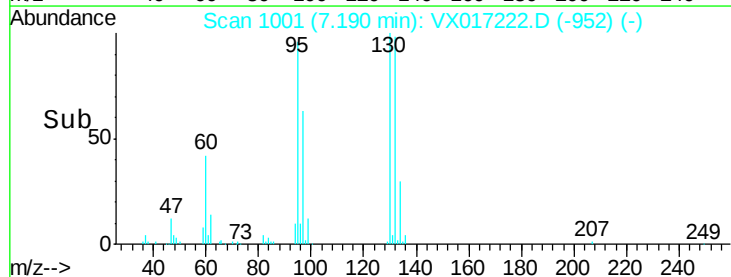
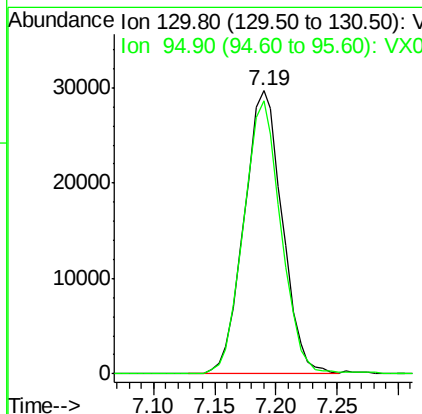
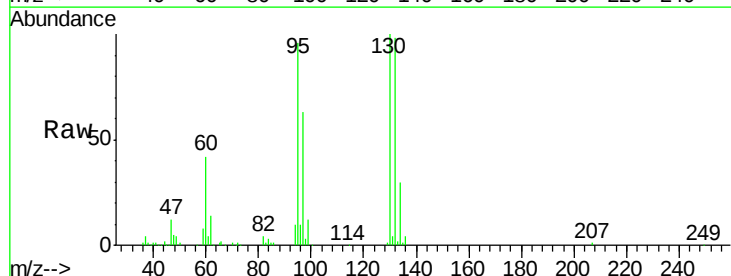
MMDadoda
 7/8/2020 9:31:58 AM



#44

Trichloroethene
 Concen: 19.642 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	185.0





#45

1,2-Dichloropropane

Concen: 18.953 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

Tot Ion: 63 Resp: 57444

Ion Ratio Lower Upper

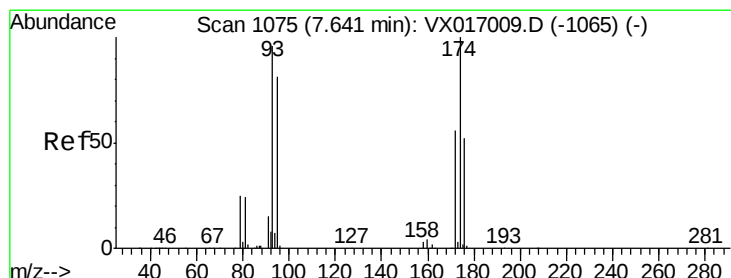
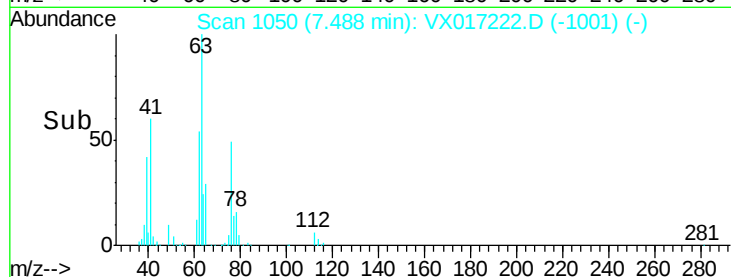
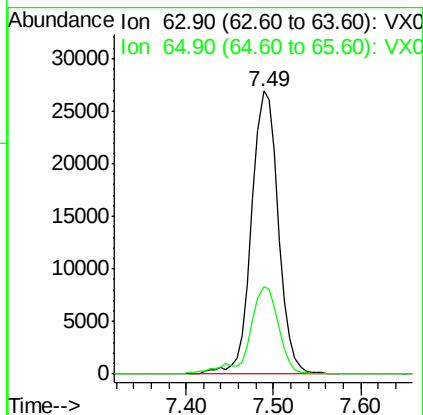
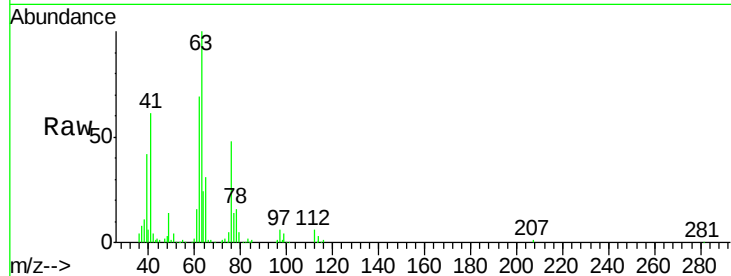
63 100

65 30.8 24.6 36.8

Manual Integrations
APPROVED

MMDadoda

7/8/2020 9:31:58 AM



#46

Dibromomethane

Concen: 19.509 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

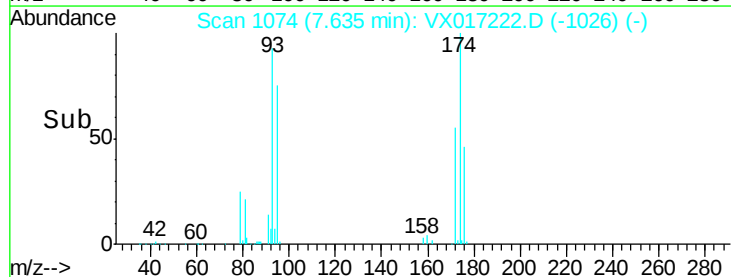
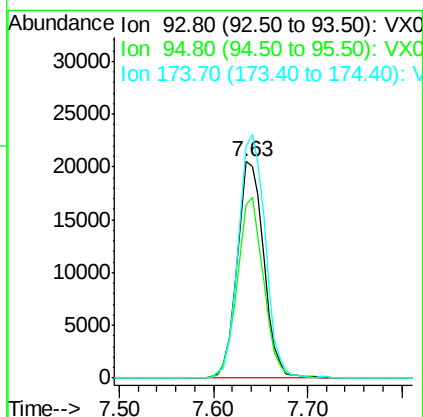
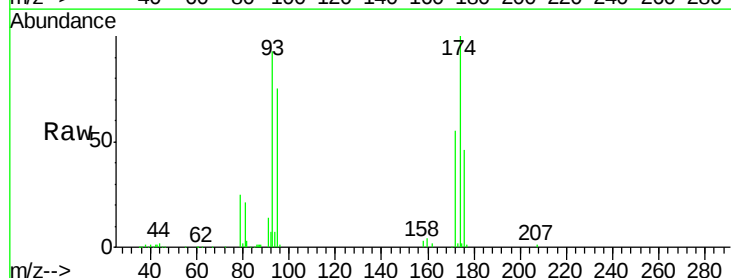
Tgt Ion: 93 Resp: 40367

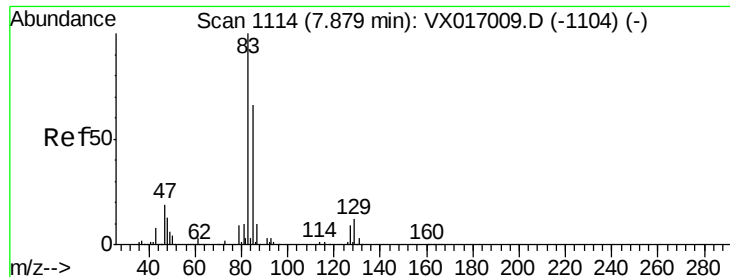
Ion Ratio Lower Upper

93 100

95 82.5 67.4 101.0

174 113.9 84.3 126.5





#47

Bromodichloromethane

Concen: 19.516 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

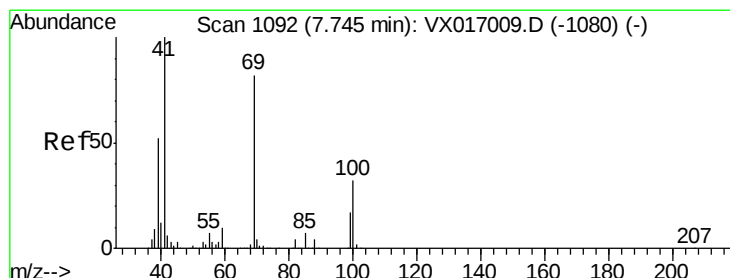
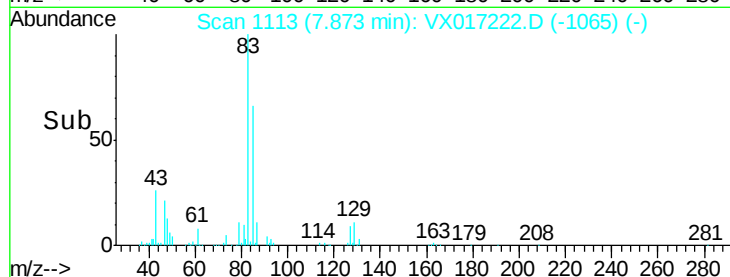
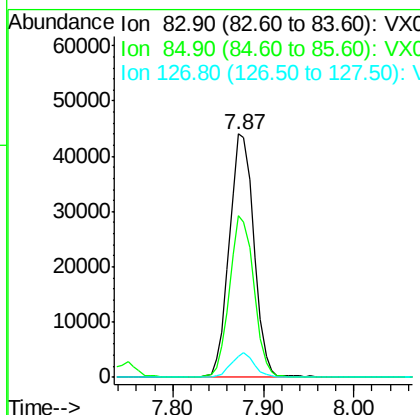
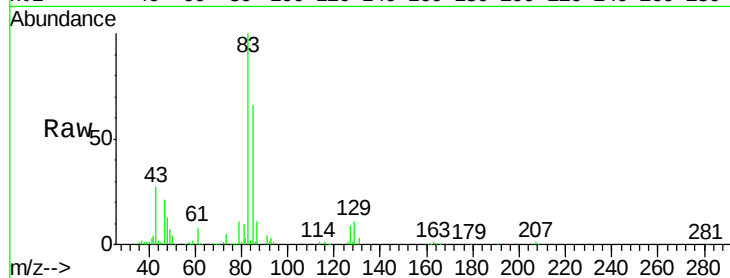
ClientSampleId :

VX0707WBSD02

Tot Ion:	83	Resp:	83221
Ion Ratio	Lower	Upper	
83	100		
85	66.2	53.0	79.4
127	8.7	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.317 ug/l

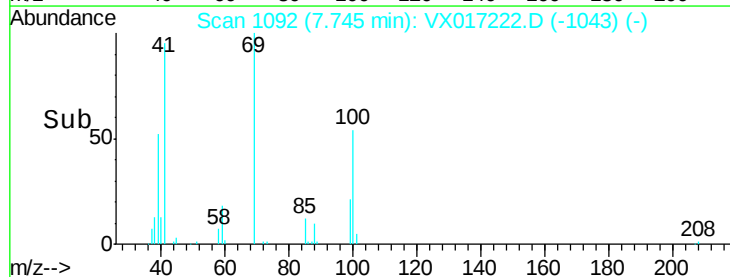
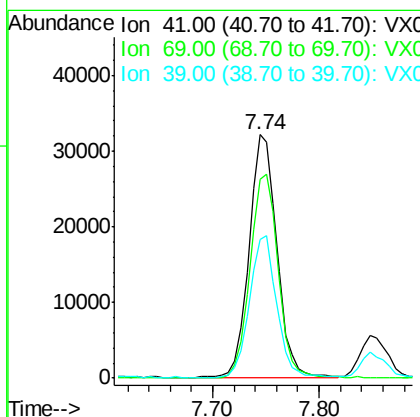
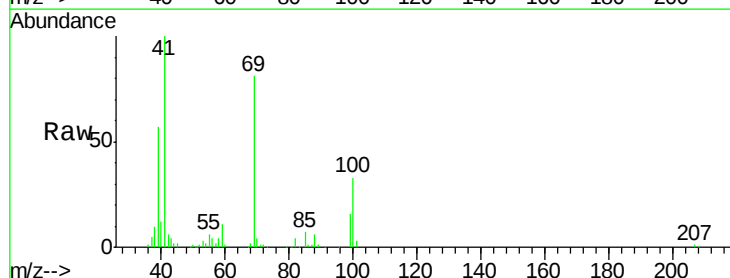
RT: 7.74 min Scan# 1092

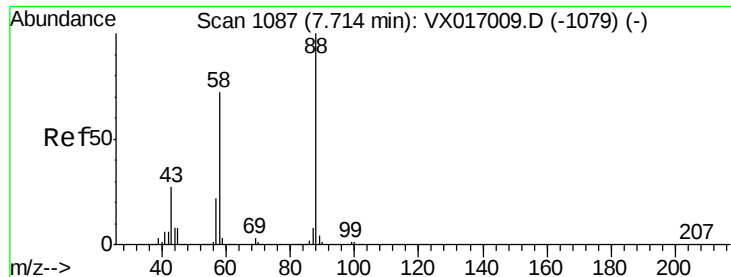
Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Tgt Ion:	41	Resp:	58927
Ion Ratio	Lower	Upper	
41	100		
69	85.1	65.8	98.8
39	57.1	42.5	63.7





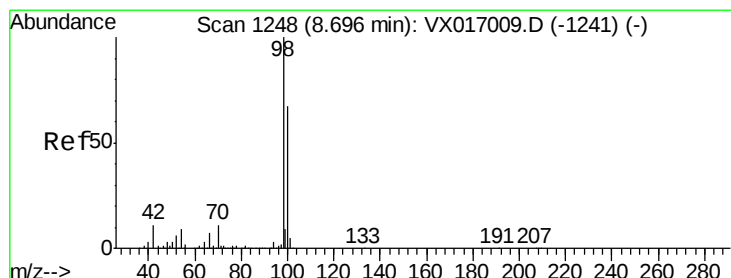
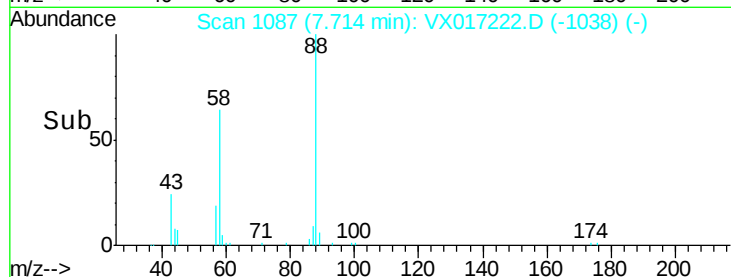
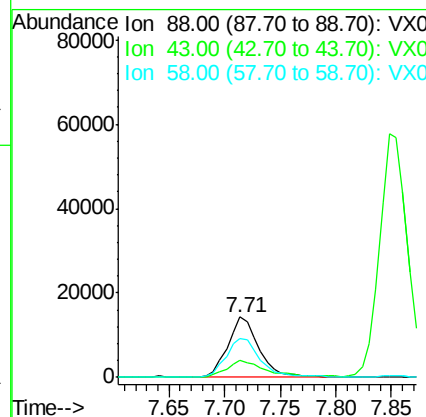
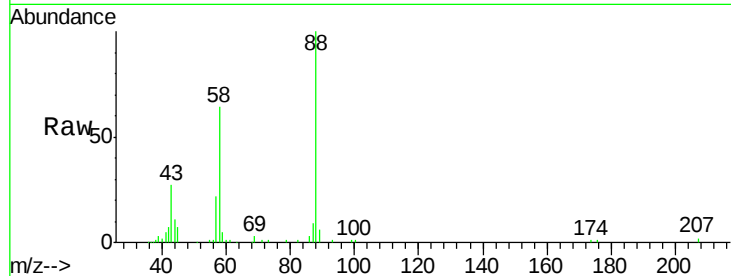
#49
1,4-Dioxane
Concen: 381.793 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	25.8	38.8
58	71.0	54.8	82.2

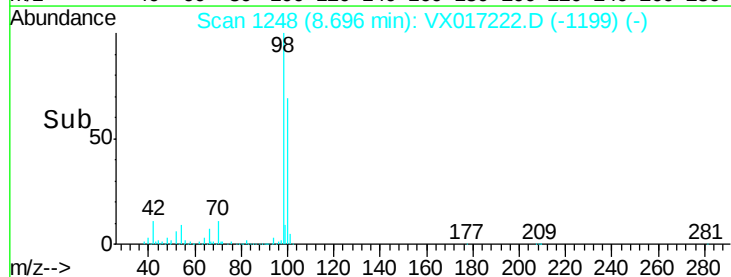
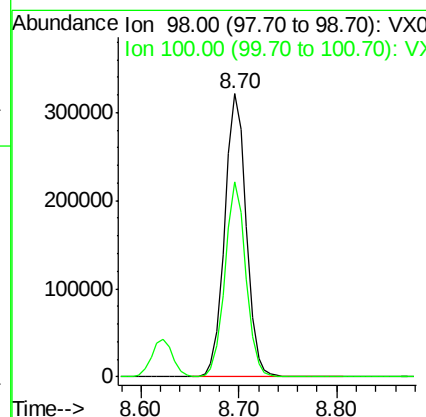
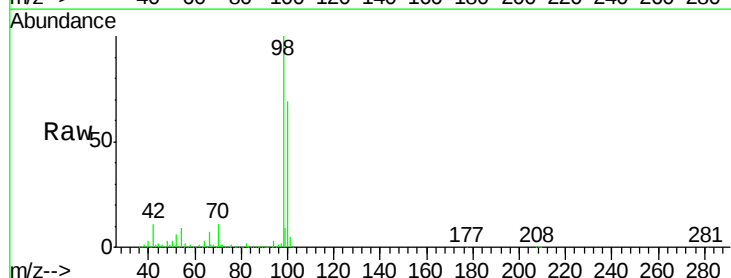
Manual Integrations
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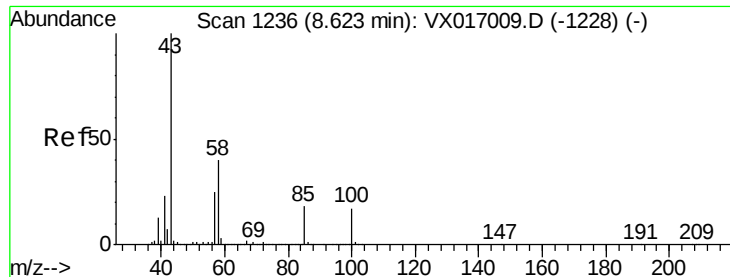
MMDadoda
7/8/2020 9:31:58 AM



#50
Toluene-d8
Concen: 49.341 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 95.472 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

Tot Ion: 43 Resp: 385358

Ion Ratio Lower Upper

43 100

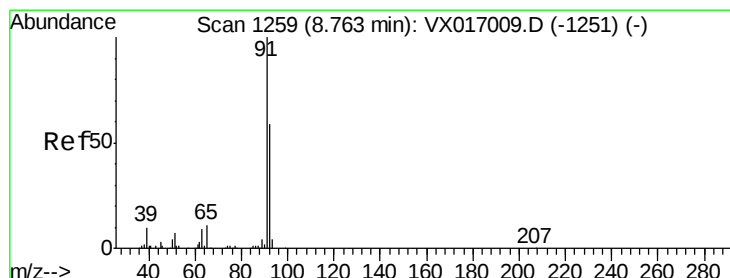
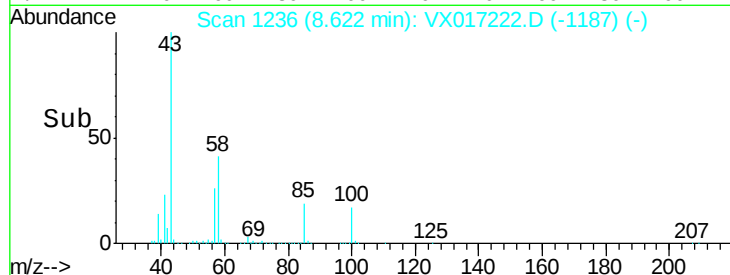
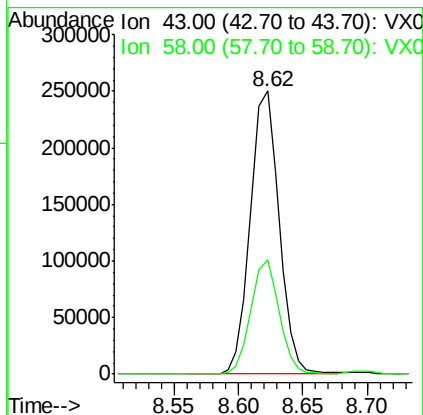
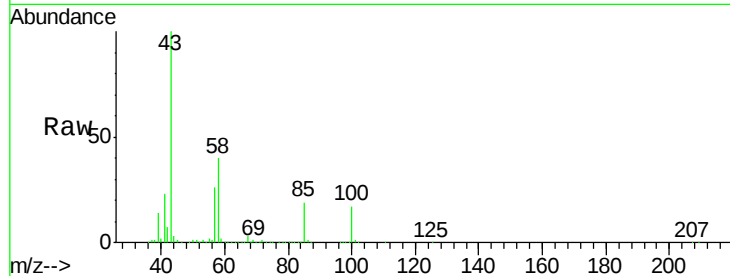
58 39.7 31.9 47.9

Manual Integrations

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#52

Toluene

Concen: 19.112 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017222.D

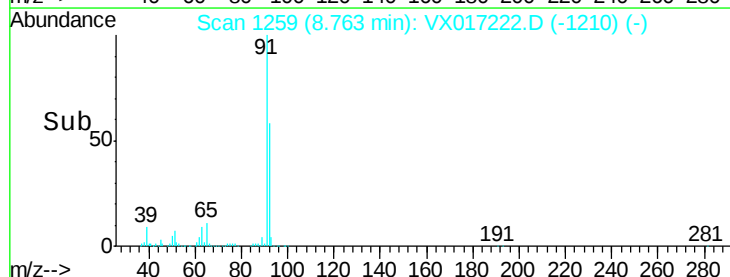
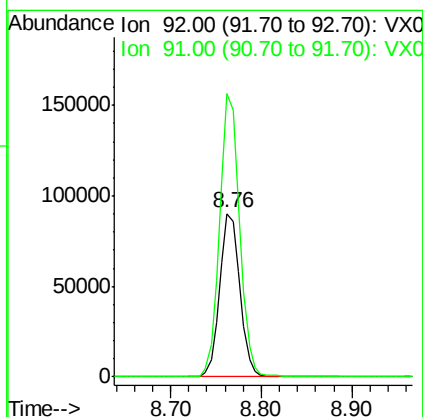
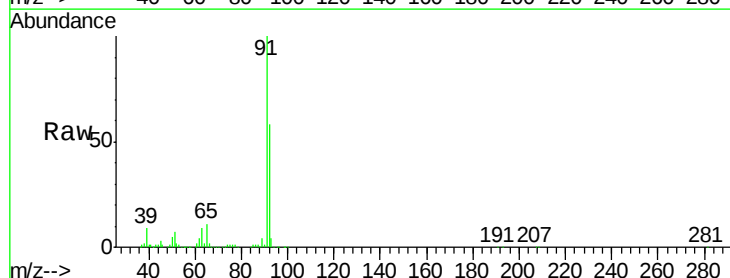
Acq: 07 Jul 2020 23:27

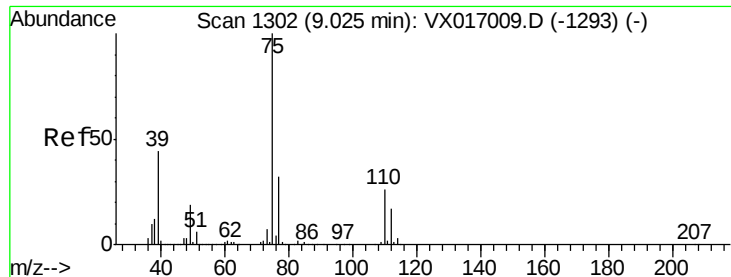
Tgt Ion: 92 Resp: 140804

Ion Ratio Lower Upper

92 100

91 171.3 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 18.442 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Tot Ion: 75 Resp: 86768

Ion Ratio Lower Upper

75 100

77 30.3 25.6 38.4

Instrument :

MSVOA_X

ClientSampleId :

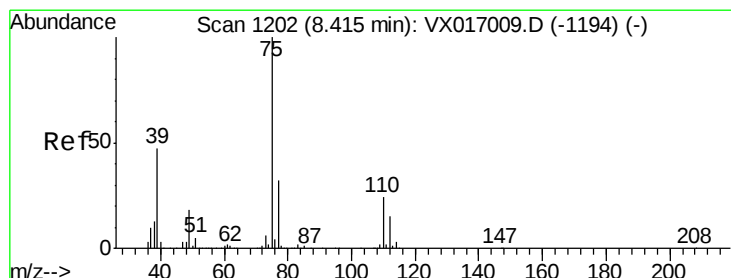
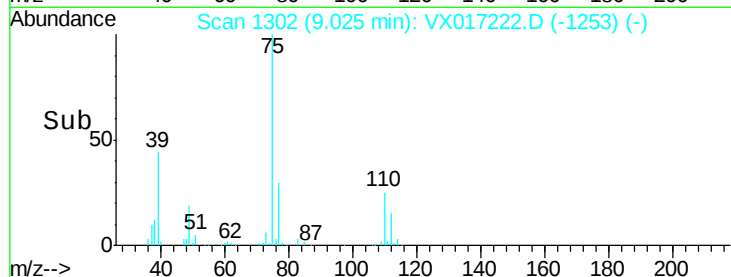
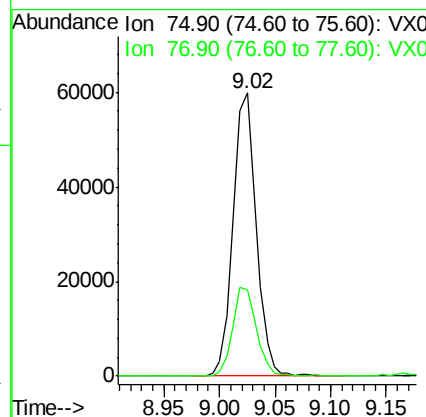
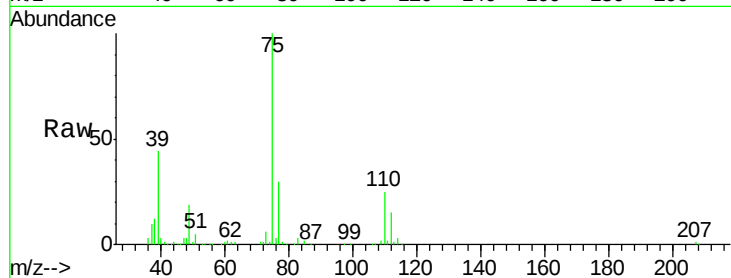
VX0707WBSD02

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#54

cis-1,3-Dichloropropene

Concen: 18.469 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

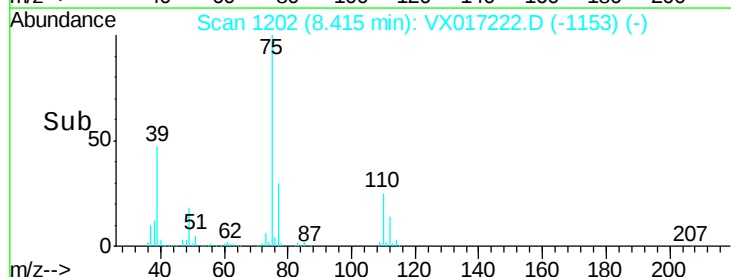
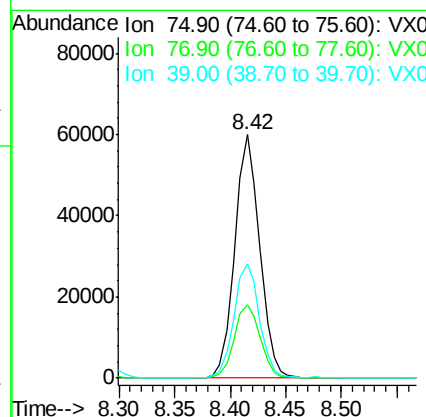
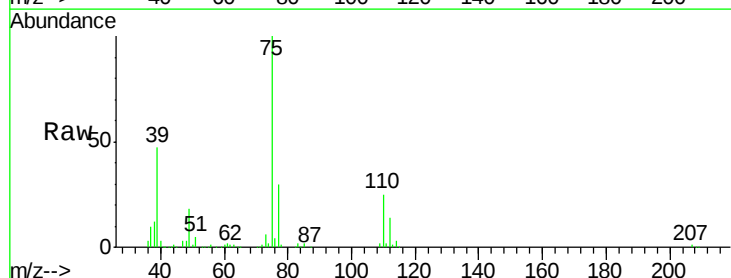
Tgt Ion: 75 Resp: 93152

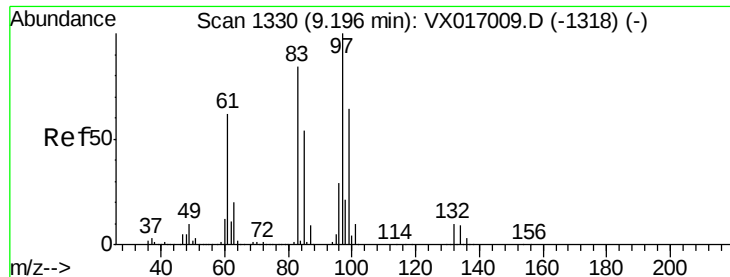
Ion Ratio Lower Upper

75 100

77 29.9 25.2 37.8

39 47.0 37.4 56.2





#55

1,1,2-Trichloroethane

Concen: 19.655 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

Tot Ion: 97 Resp: 59163

Ion Ratio Lower Upper

97 100

83 78.2 67.0 100.6

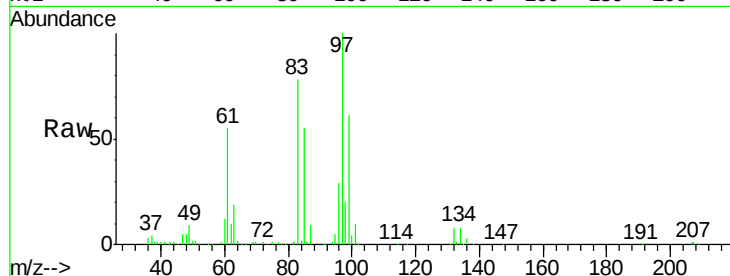
85 54.8 43.5 65.3

99 61.0 51.0 76.6

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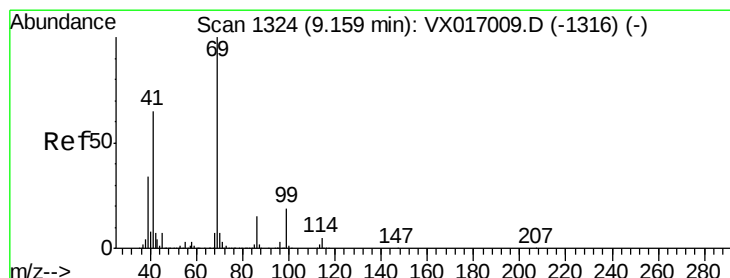
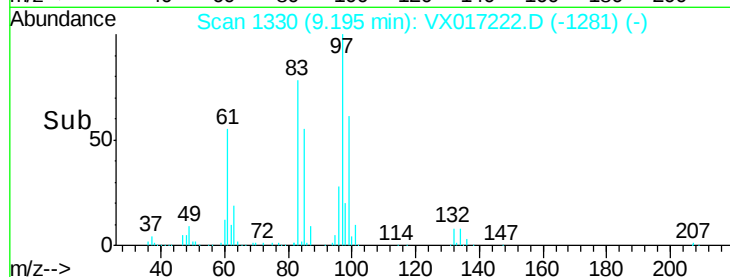
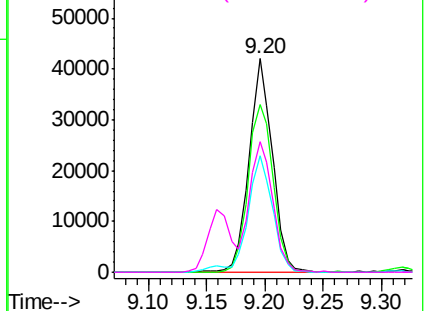


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.625 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

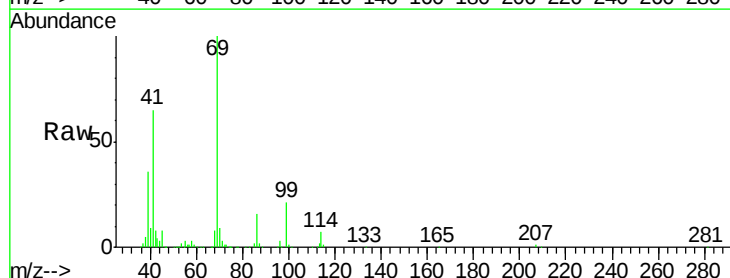
Tgt Ion: 69 Resp: 79796

Ion Ratio Lower Upper

69 100

41 65.6 53.6 80.4

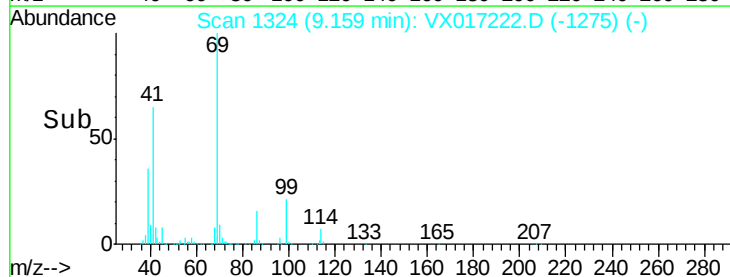
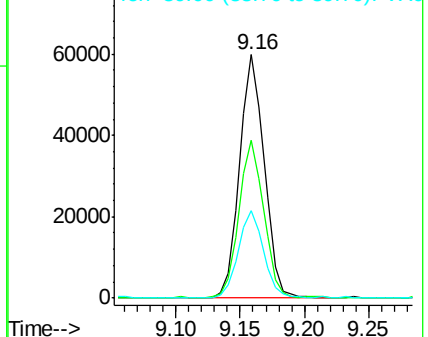
39 36.1 28.2 42.2

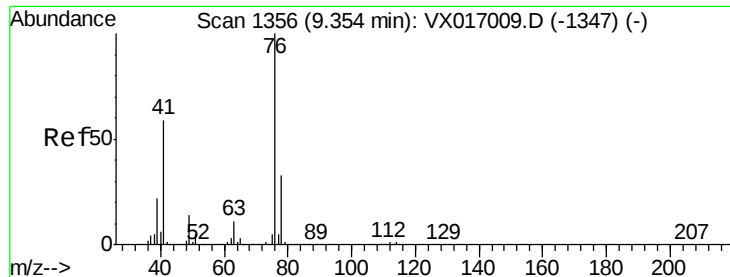


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.878 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

Tot Ion: 76 Resp: 96153

Ion Ratio Lower Upper

76 100

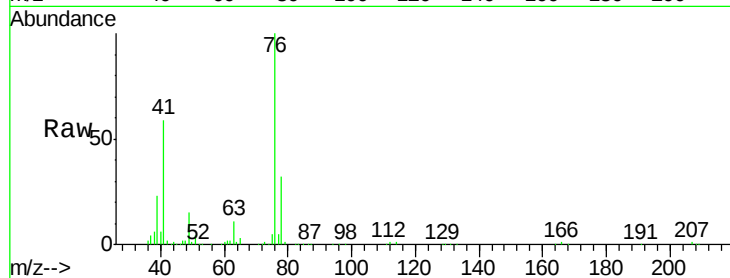
78 32.6 25.9 38.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

80000

60000

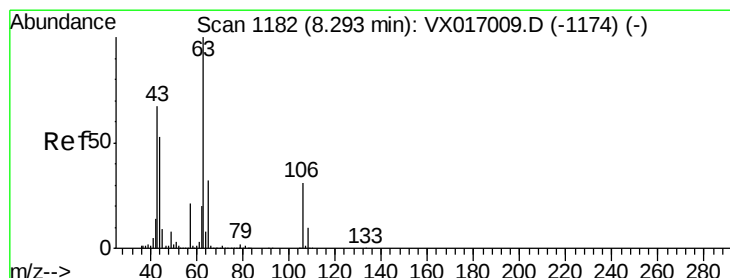
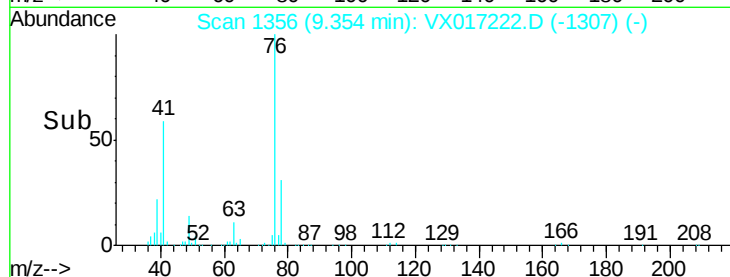
40000

20000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 91.609 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017222.D

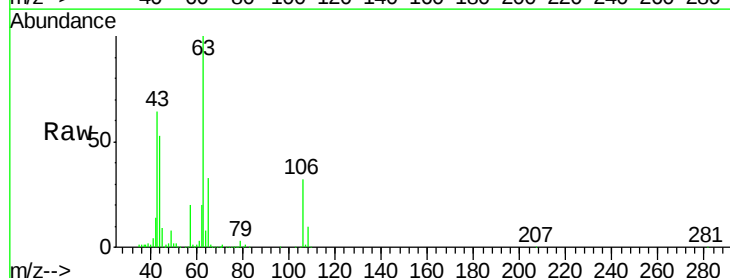
Acq: 07 Jul 2020 23:27

Tgt Ion: 63 Resp: 195336

Ion Ratio Lower Upper

63 100

106 30.9 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

150000

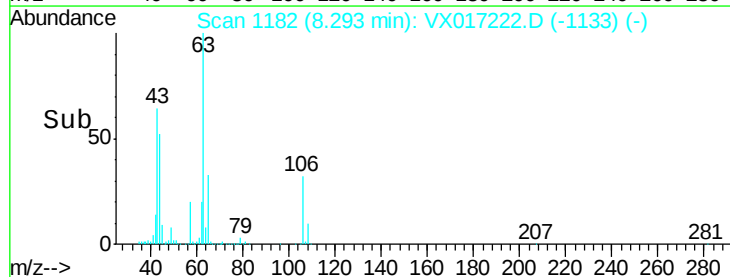
100000

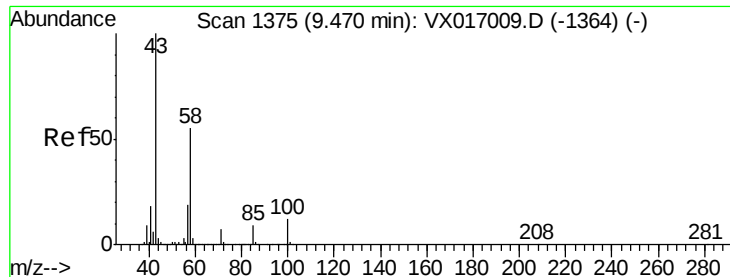
50000

0

8.20 8.25 8.30 8.35 8.40

Time-->





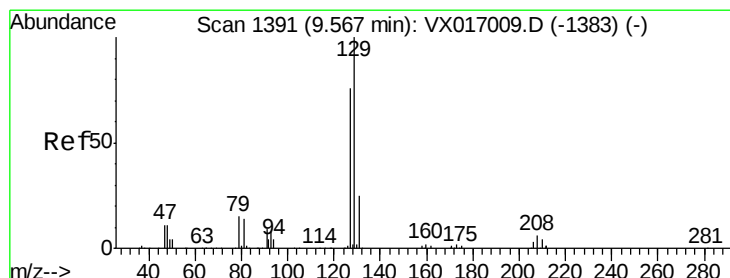
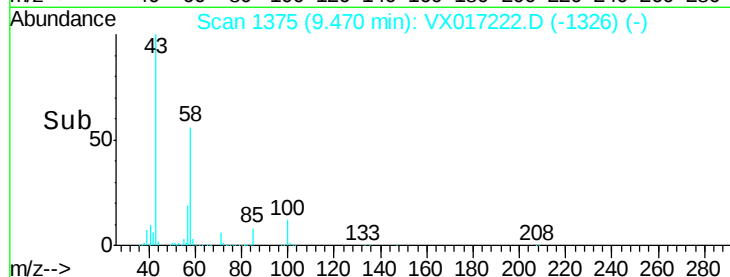
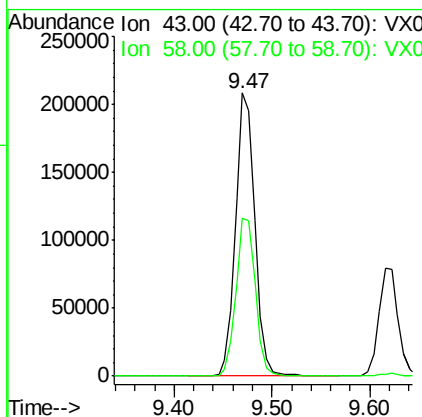
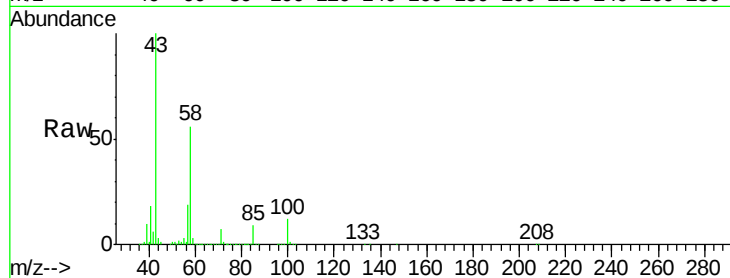
#59
2-Hexanone
Concen: 96.558 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.5	27.9	83.6

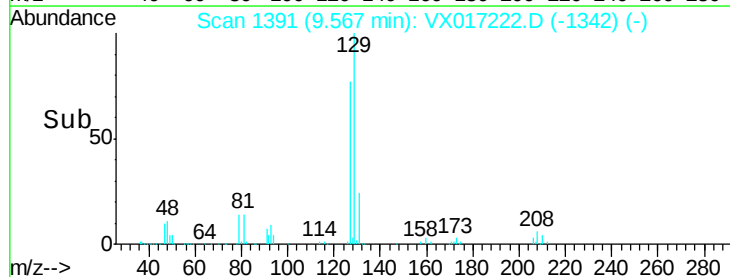
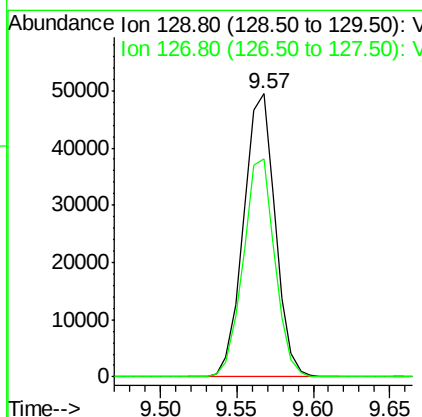
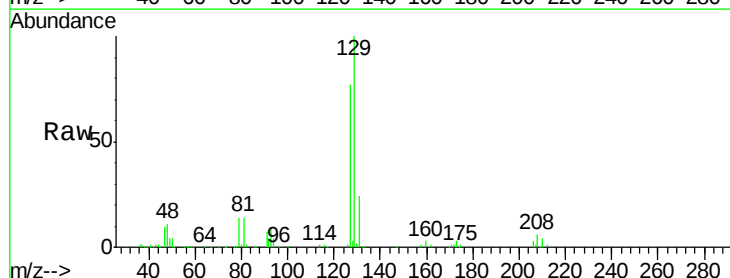
Manual Integrations
APPROVED

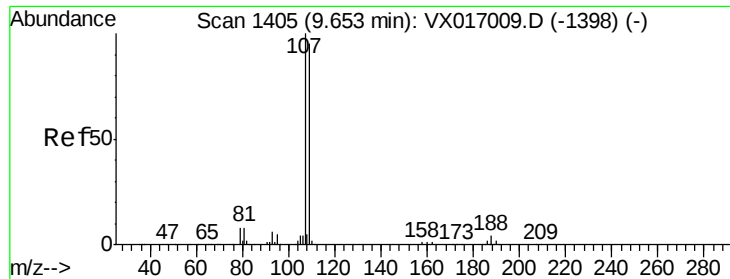
MMDadoda
7/8/2020 9:31:58 AM



#60
Dibromochloromethane
Concen: 20.322 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.9	116.7





#61

1,2-Dibromoethane

Concen: 19.287 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

Tot Ion: 107 Resp: 62405

Ion Ratio Lower Upper

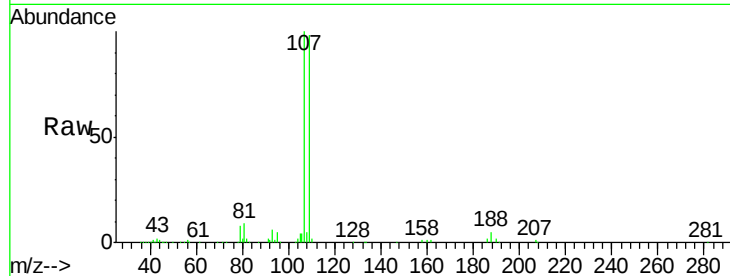
107 100

109 94.3 75.8 113.8

Manual Integrations
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7/8/2020 9:31:58 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

50000

40000

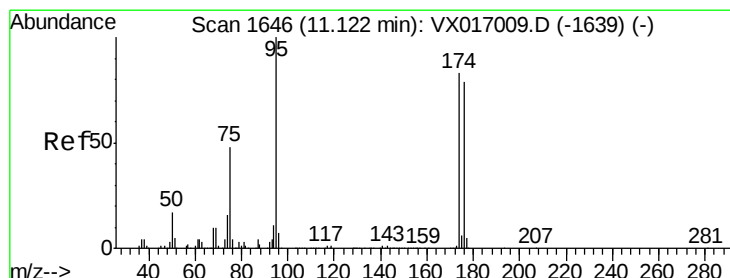
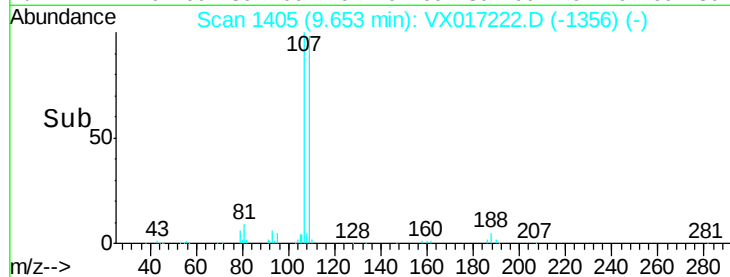
30000

20000

10000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.622 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

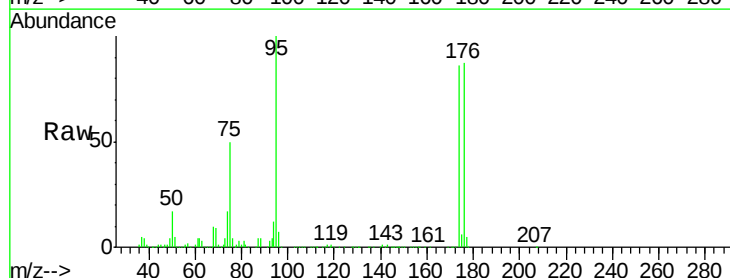
Tgt Ion: 95 Resp: 192809

Ion Ratio Lower Upper

95 100

174 85.3 0.0 164.0

176 82.4 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

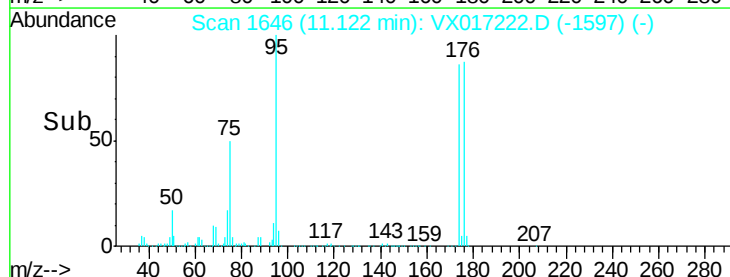
150000

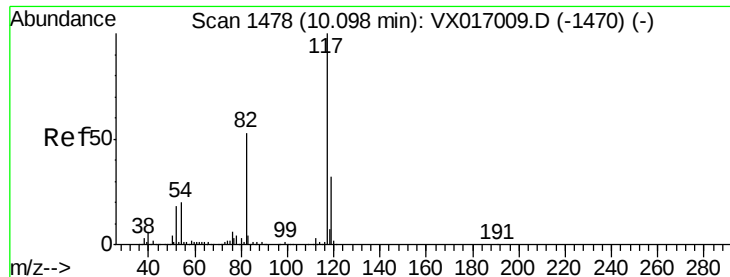
100000

50000

0

Time--> 11.10 11.20





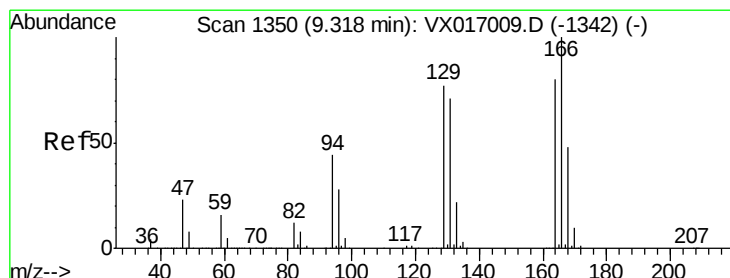
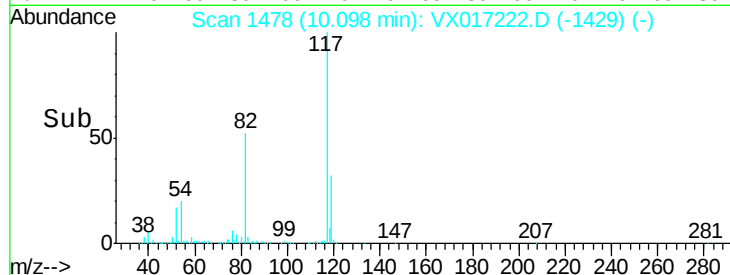
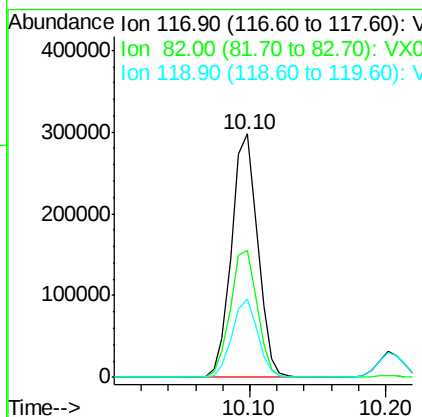
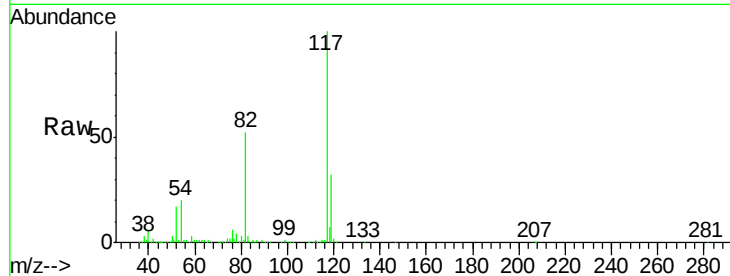
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	399850		
82	52.4		42.6	63.8
119	32.4		25.4	38.2

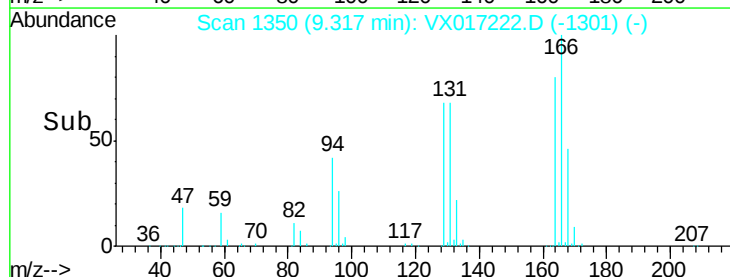
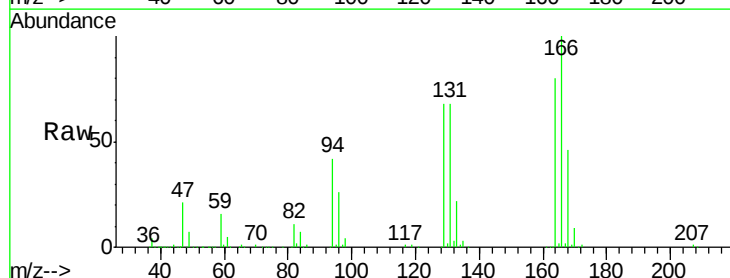
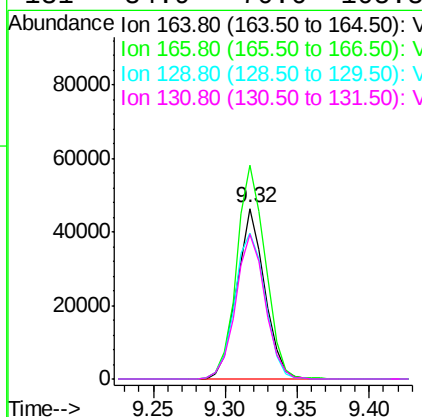
Manual Integrations
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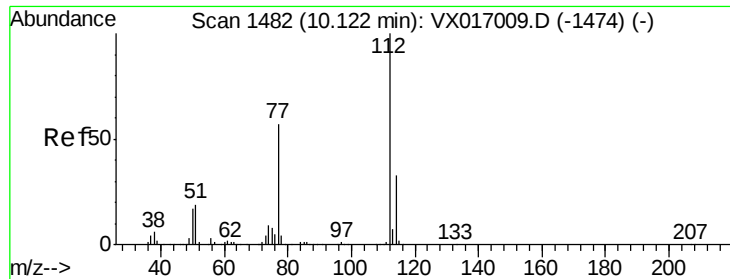
MMDadoda
7/8/2020 9:31:58 AM



#64
Tetrachloroethene
Concen: 19.414 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	62649		
166	125.1		99.4	149.0
129	85.3		76.3	114.5
131	84.9		70.6	105.8





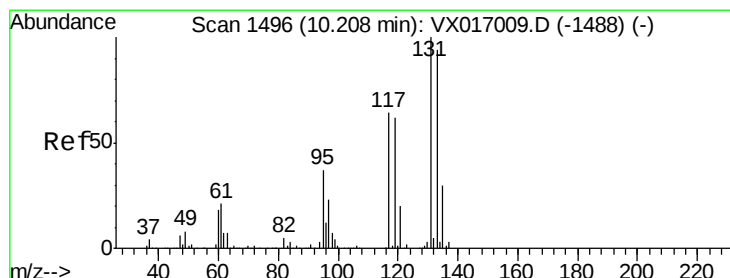
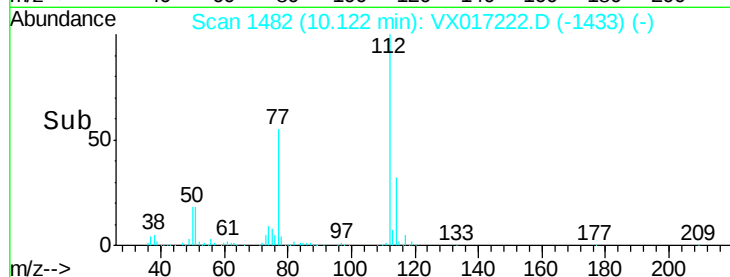
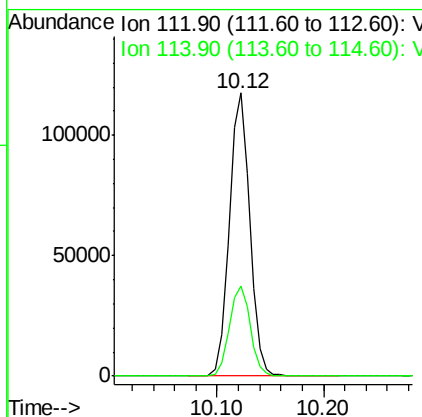
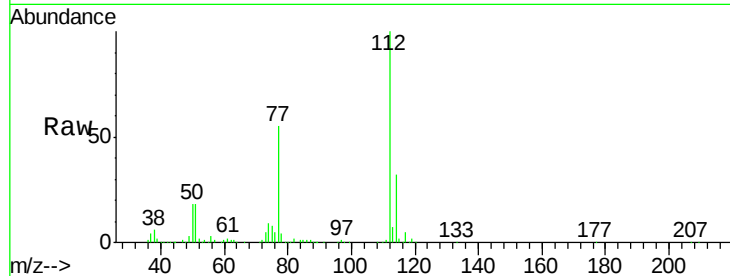
#65
Chlorobenzene
Concen: 19.220 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
112	100	158615		
114	31.7	26.2	39.4	

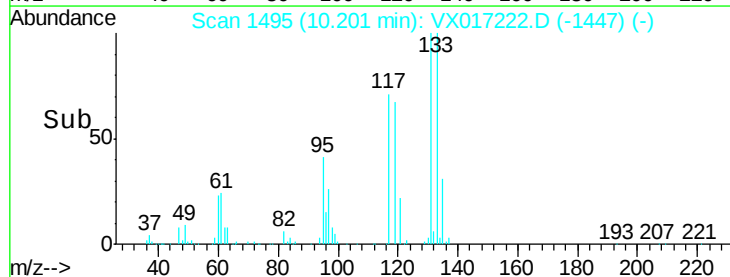
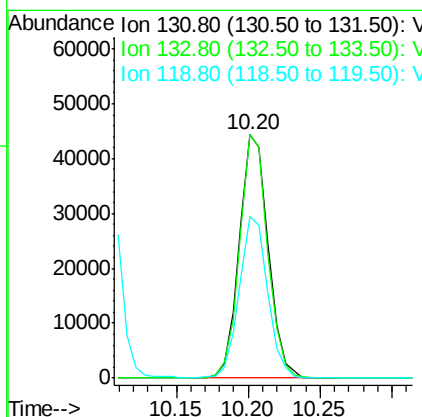
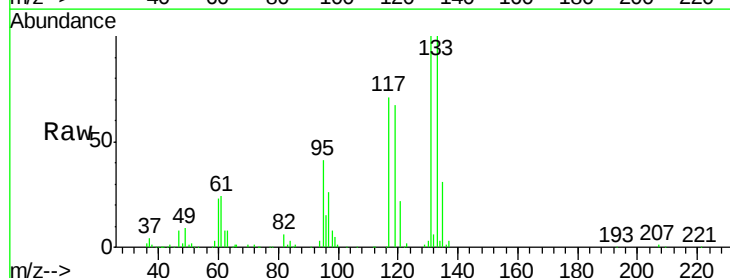
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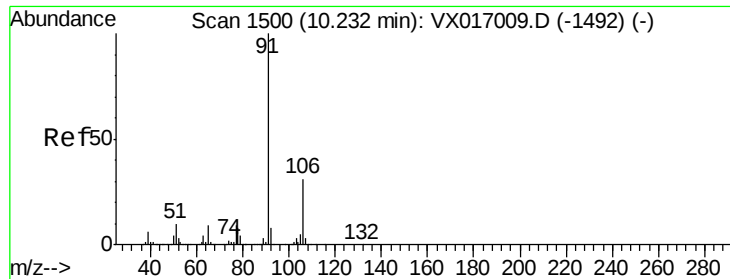
MMDadoda
7/8/2020 9:31:58 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.414 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	61744		
133	96.8	47.3	141.9	
119	64.7	31.9	95.5	





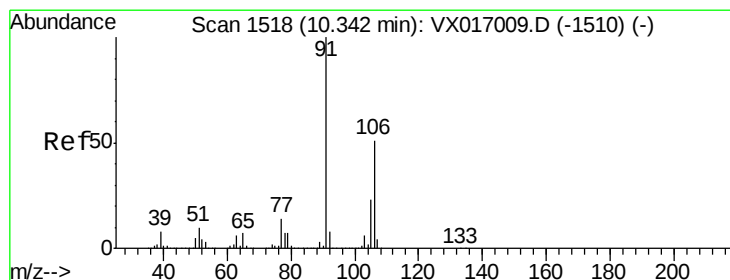
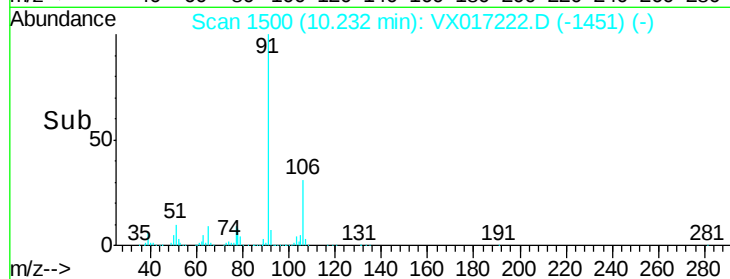
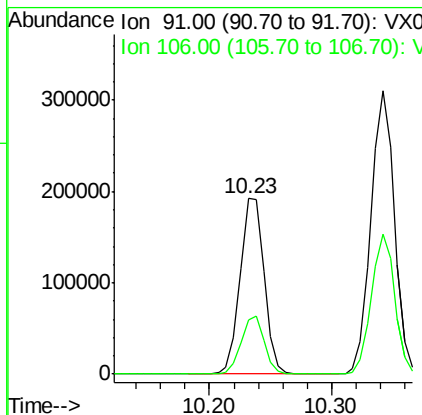
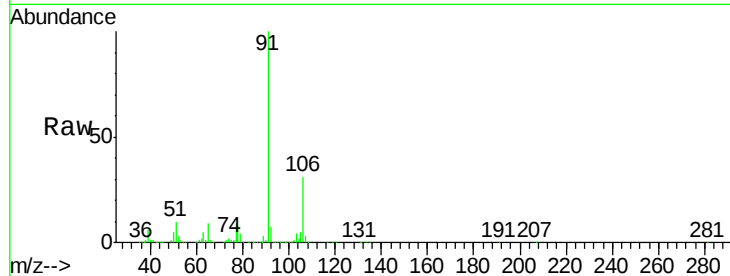
#67
Ethyl Benzene
Concen: 19.031 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion: 91 Resp: 262282
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1

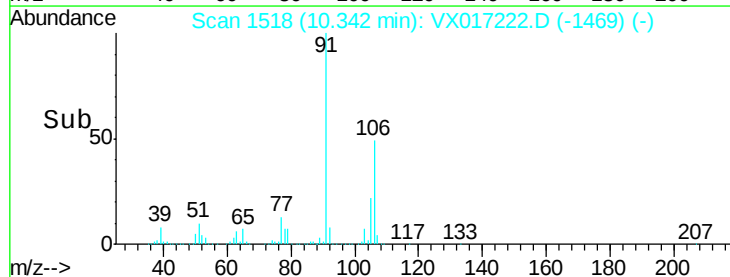
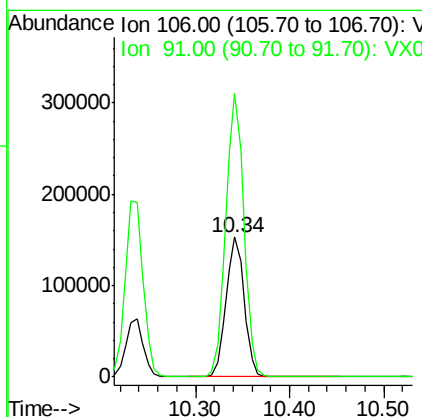
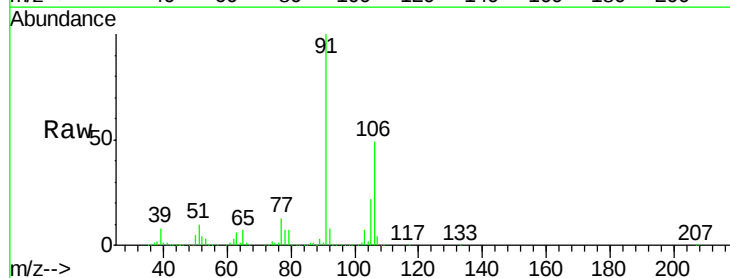
Manual Integrations
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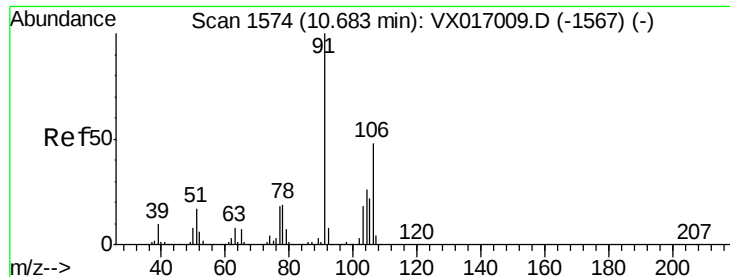
MMDadoda
7/8/2020 9:31:58 AM



#68
m/p-Xylenes
Concen: 38.668 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion: 106 Resp: 204624
Ion Ratio Lower Upper
106 100
91 202.3 158.6 238.0





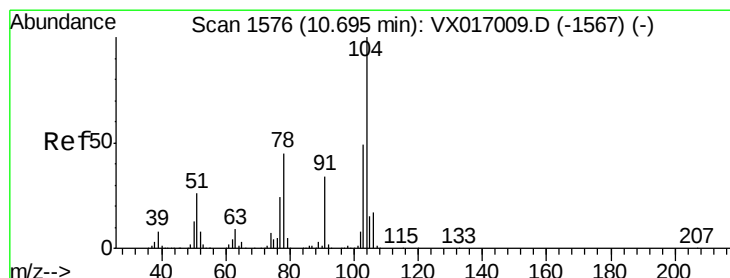
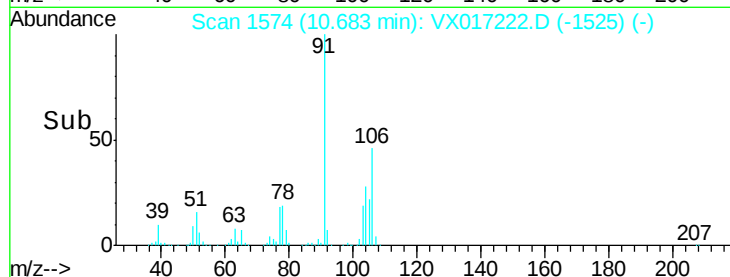
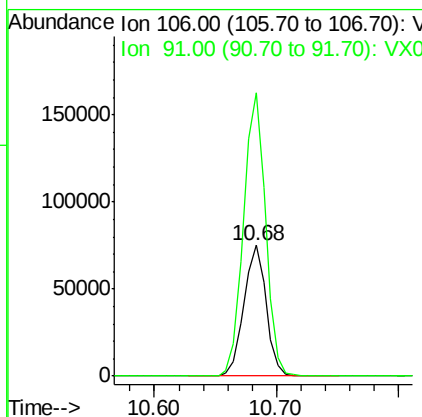
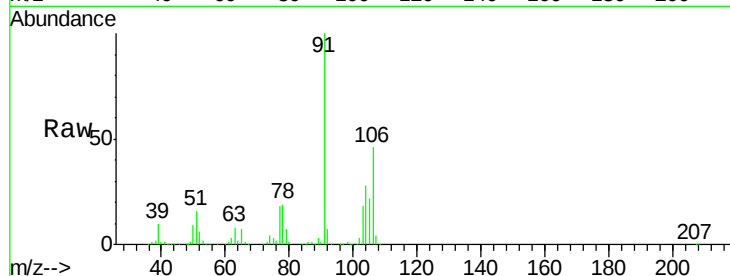
#69
o-Xylene
Concen: 18.813 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion:106 Resp: 94706
Ion Ratio Lower Upper
106 100
91 214.1 105.6 316.7

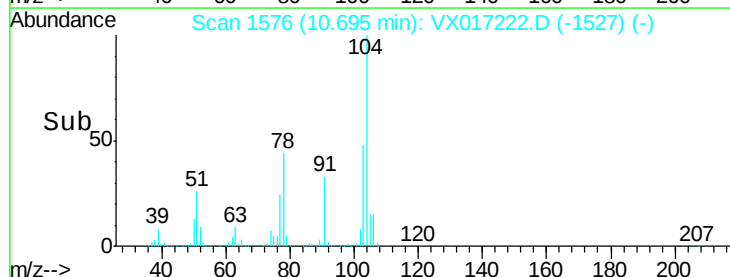
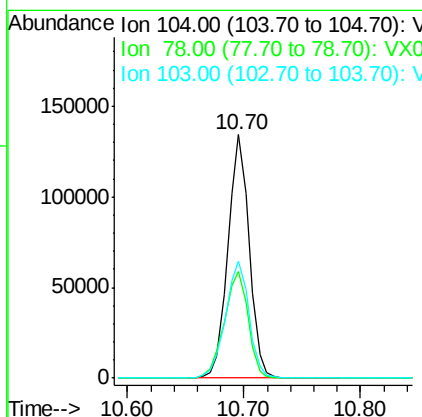
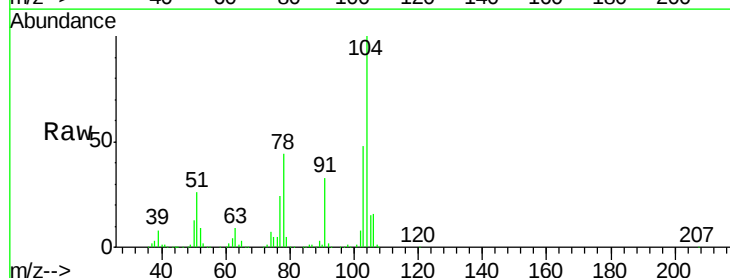
Manual Integrations
APPROVED

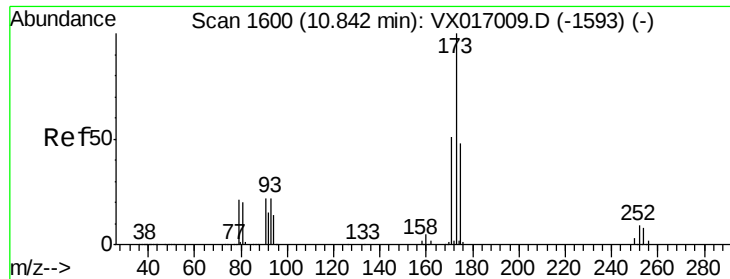
MMDadoda
7/8/2020 9:31:58 AM



#70
Styrene
Concen: 19.908 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion:104 Resp: 170666
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 53.2 43.0 64.6





#71

Bromoform

Concen: 21.448 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

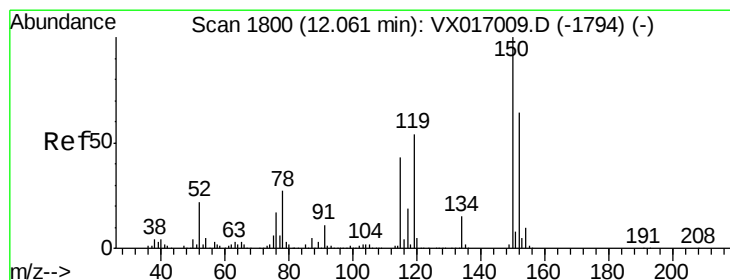
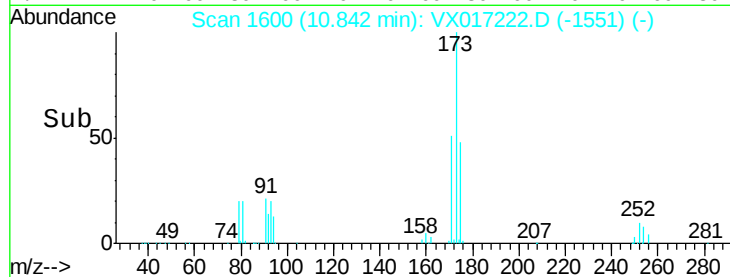
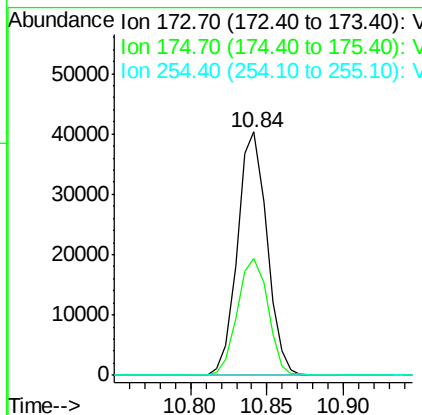
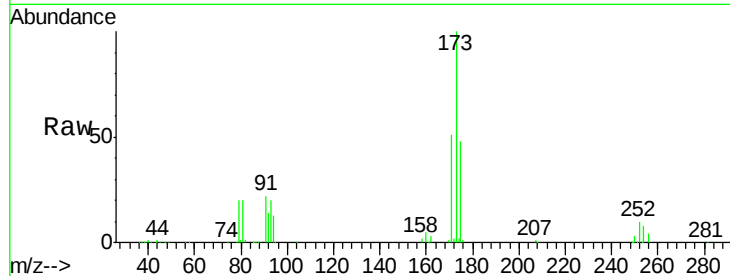
ClientSampleId :

VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.5	73.5
254	0.0	0.1	0.1#

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7/8/2020 9:31:58 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

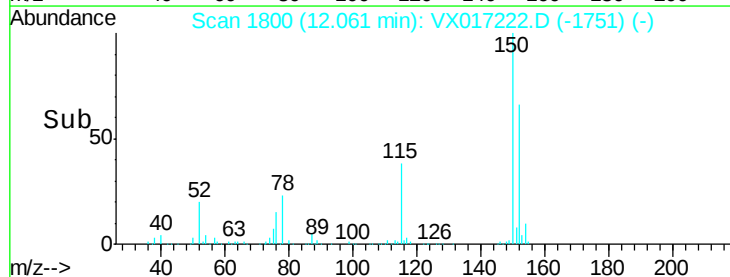
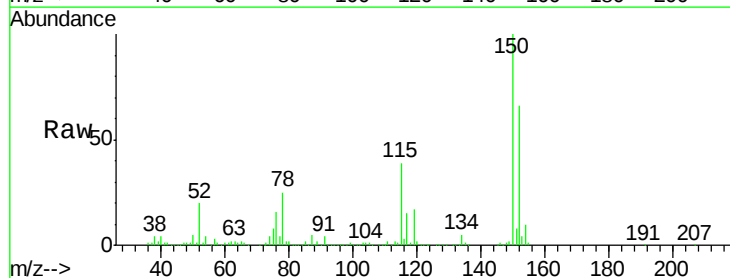
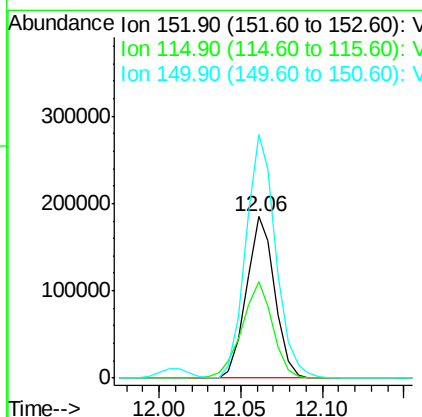
RT: 12.06 min Scan# 1800

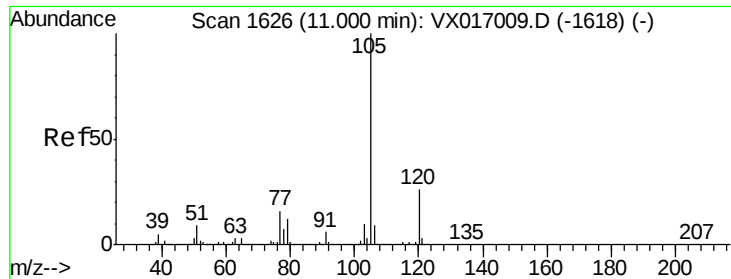
Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.0	40.9	122.7
150	160.0	0.0	351.6





#73

Isopropylbenzene

Concen: 18.245 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

Tot Ion: 105 Resp: 266319

Ion Ratio Lower Upper

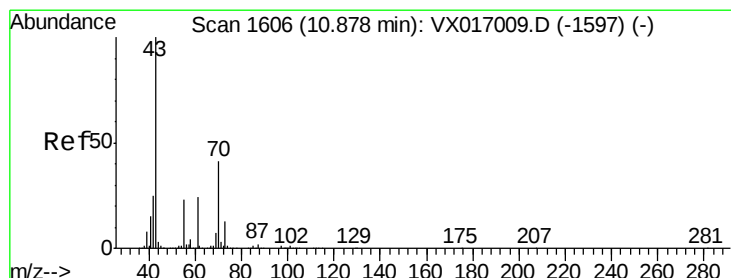
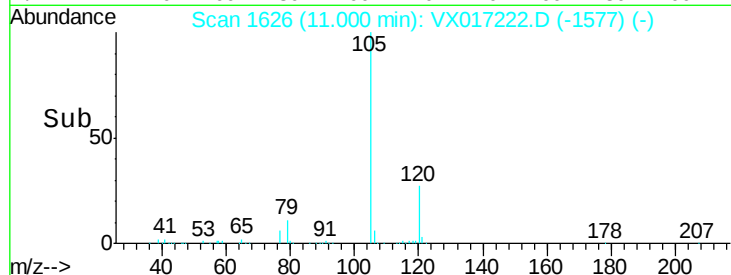
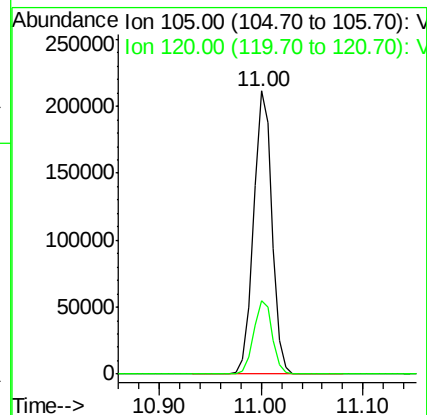
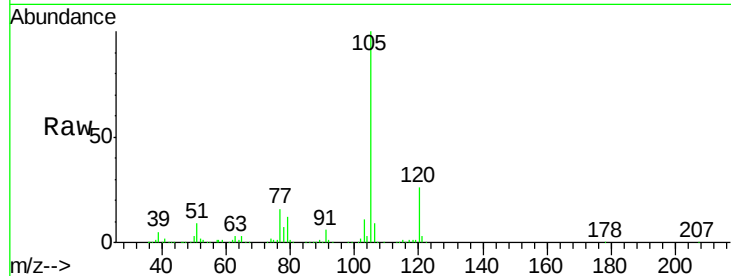
105 100

120 26.5 13.4 40.2

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#74

N-ethyl acetate

Concen: 16.798 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Tgt Ion: 43 Resp: 104621

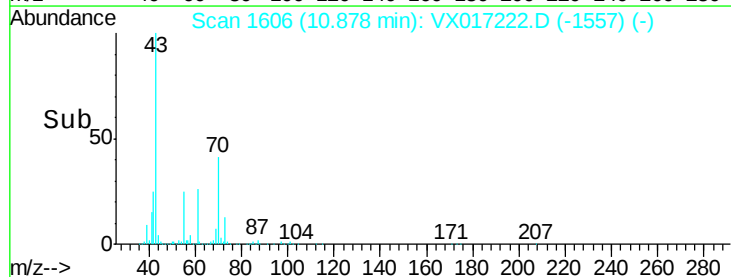
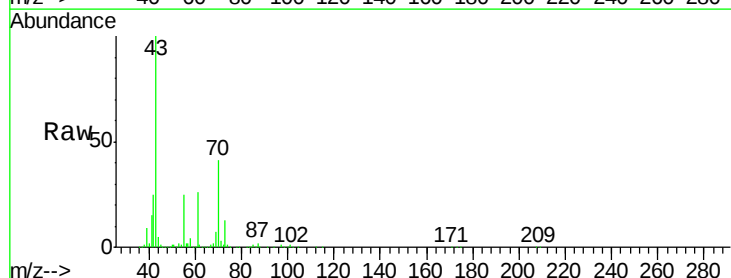
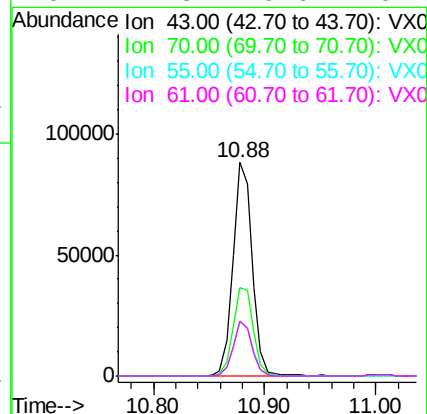
Ion Ratio Lower Upper

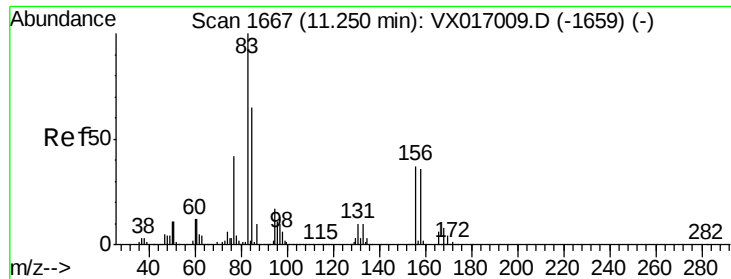
43 100

70 43.5 34.2 51.2

55 25.5 19.2 28.8

61 24.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.261 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

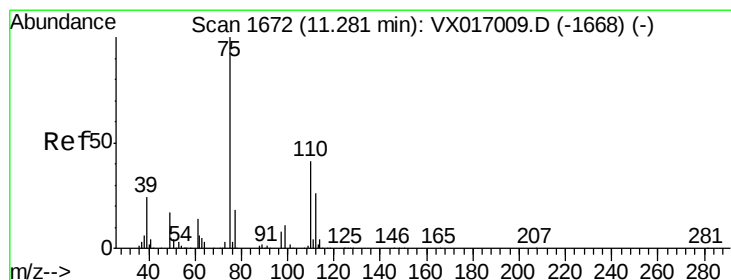
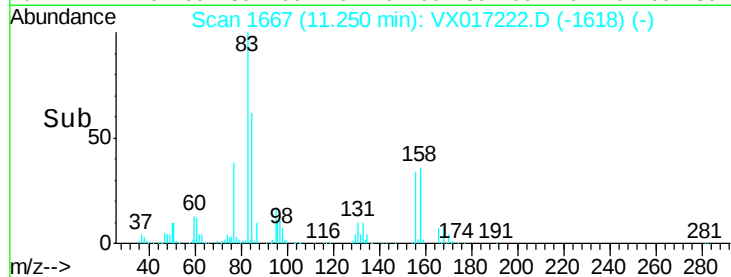
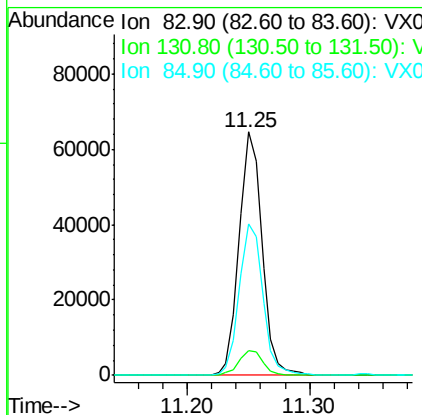
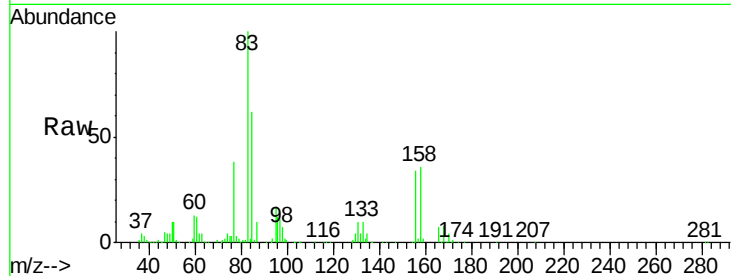
ClientSampleId :

VX0707WBSD02

Tot Ion:	83	Resp:	83845
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.4	16.2
85	64.5	31.9	95.9

Manual Integrations
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7/8/2020 9:31:58 AM



#76

1,2,3-Trichloropropane

Concen: 18.706 ug/l m

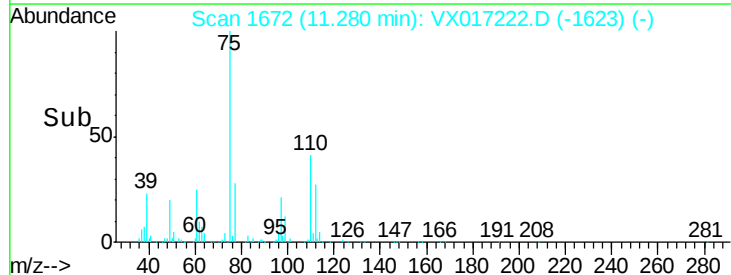
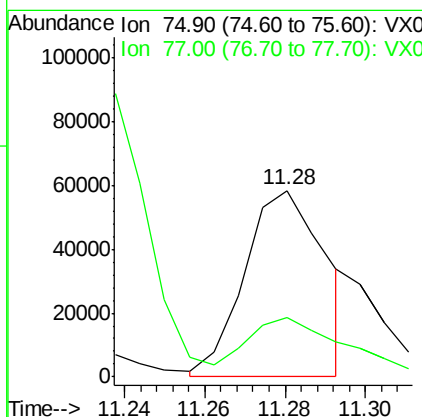
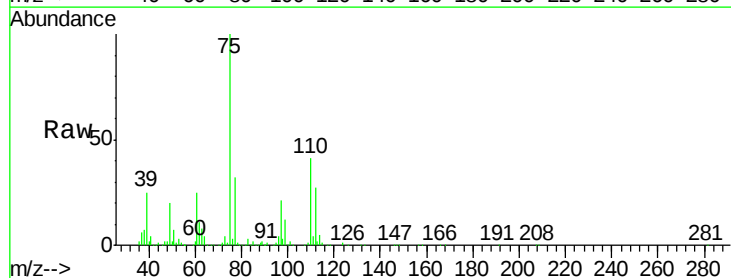
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Tgt Ion:	75	Resp:	81972
Ion Ratio	Lower	Upper	
75	100		
77	39.4	20.2	60.6





#77

Bromobenzene

Concen: 18.230 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

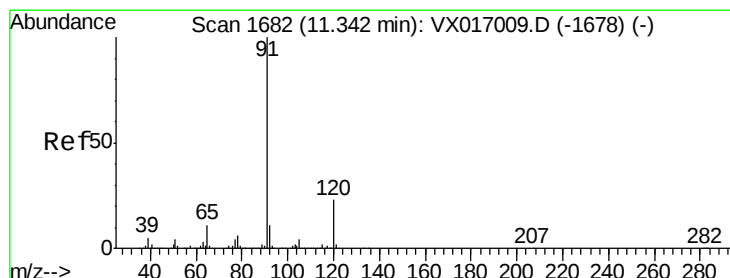
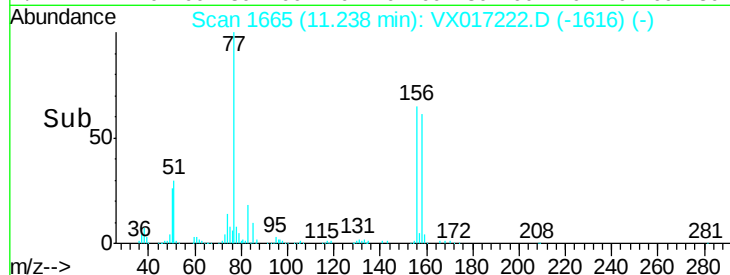
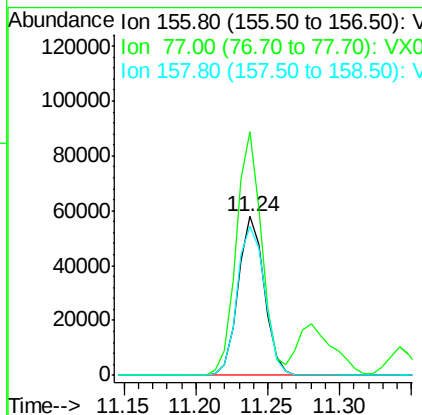
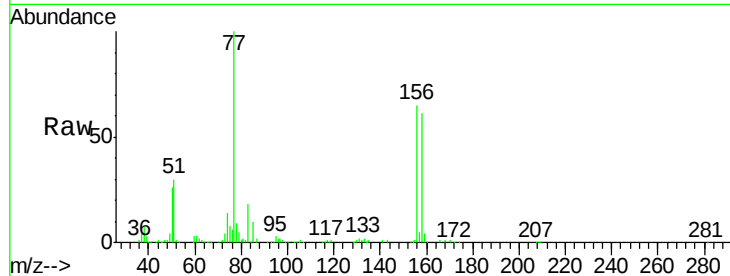
ClientSampleId :

VX0707WBSD02

Tot Ion:	156	Resp:	73131
Ion Ratio	Lower	Upper	
156	100		
77	150.9	76.9	230.7
158	98.8	47.9	143.6

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#78

n-propylbenzene

Concen: 18.096 ug/l

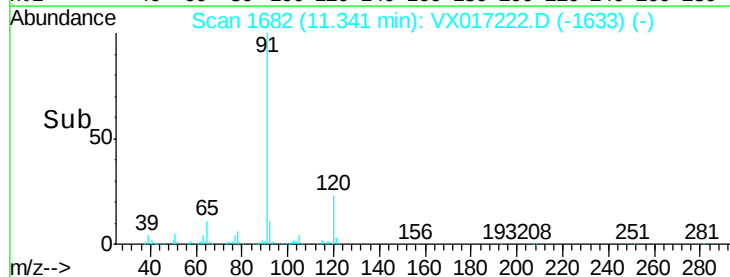
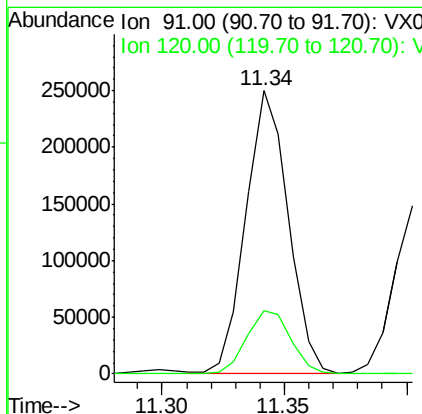
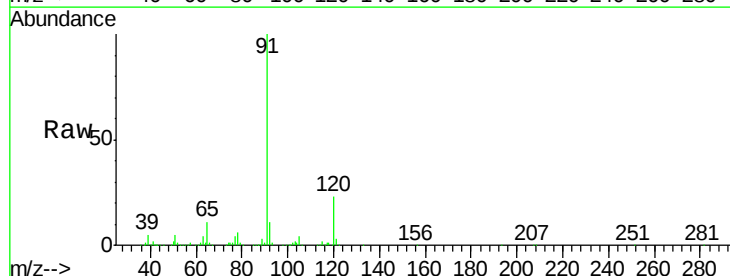
RT: 11.34 min Scan# 1682

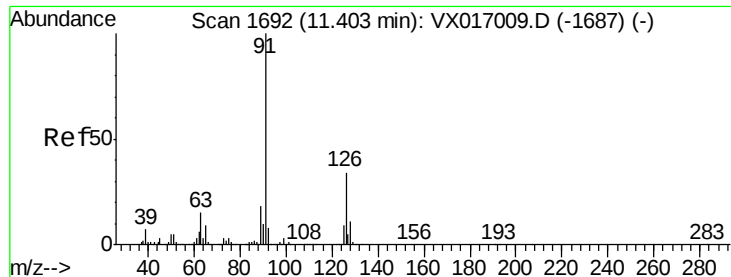
Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Tgt Ion:	91	Resp:	298693
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.9





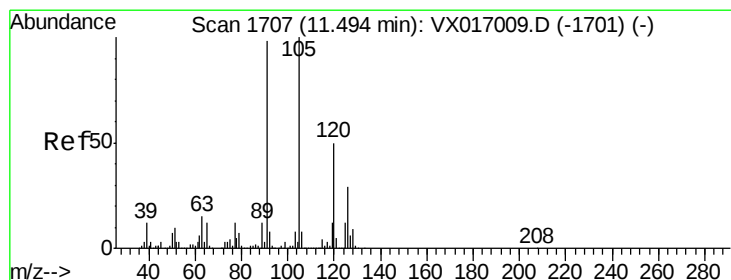
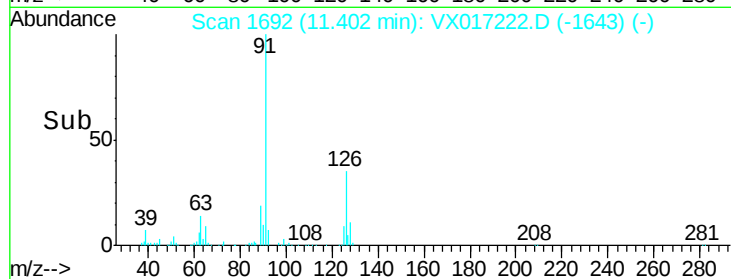
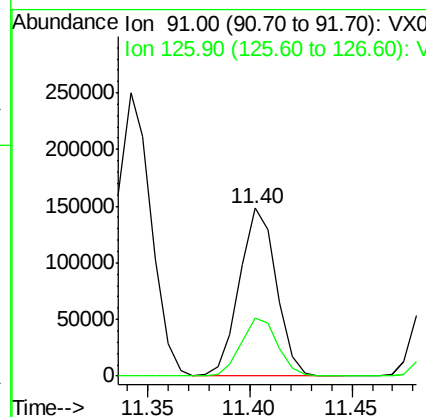
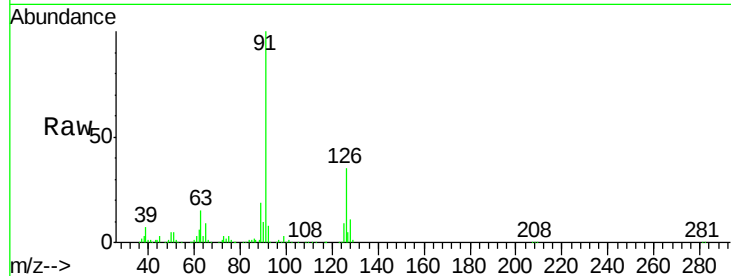
#79
 2-Chlorotoluene
 Concen: 18.411 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.4	52.3

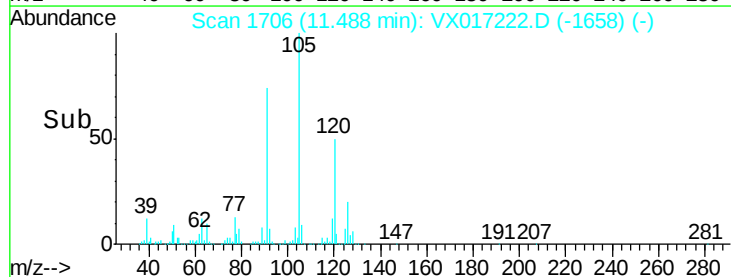
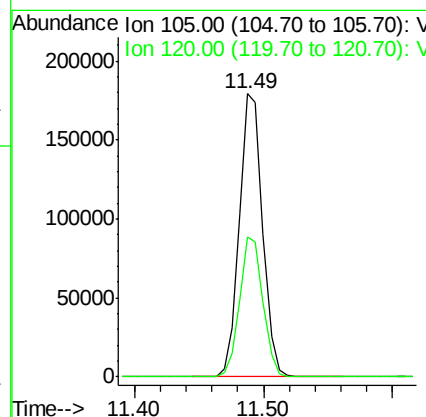
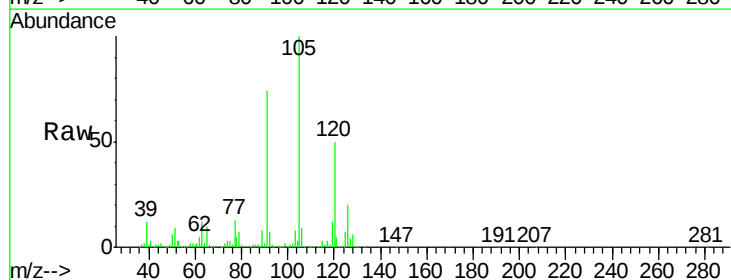
Manual Integrations
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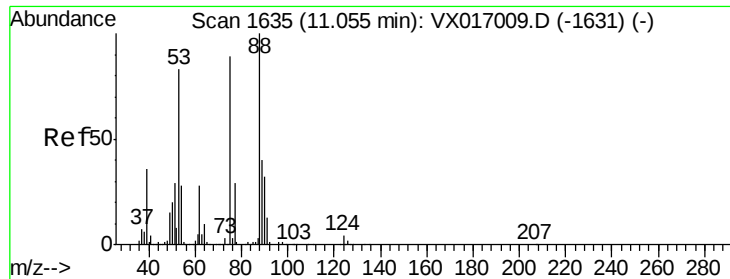
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.589 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 15.560 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

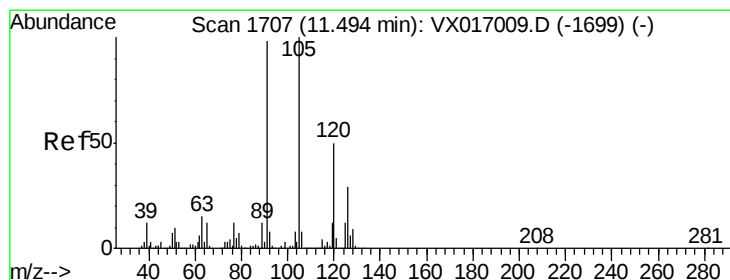
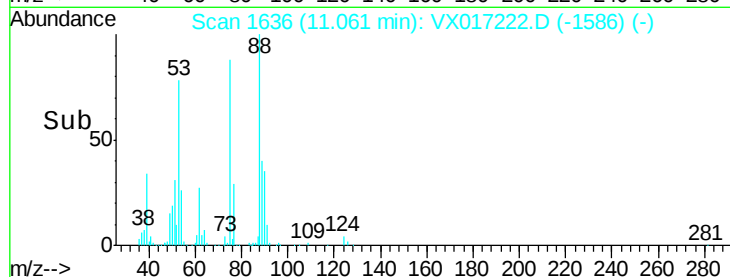
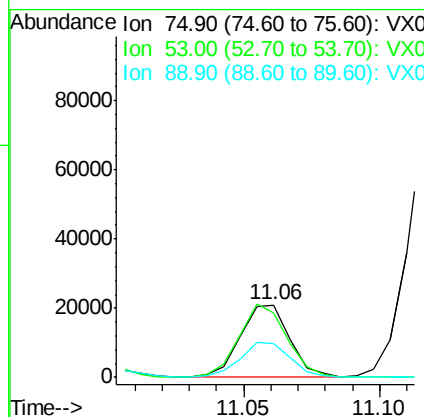
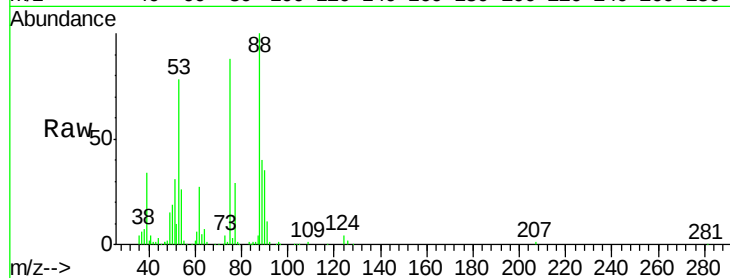
ClientSampleId :

VX0707WBSD02

Tot Ion:	75	Resp:	26330
Ion	Ratio	Lower	Upper
75	100		
53	98.4	72.4	108.6
89	49.3	37.0	55.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.578 ug/l

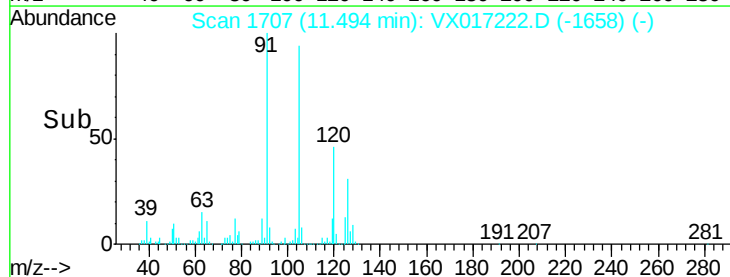
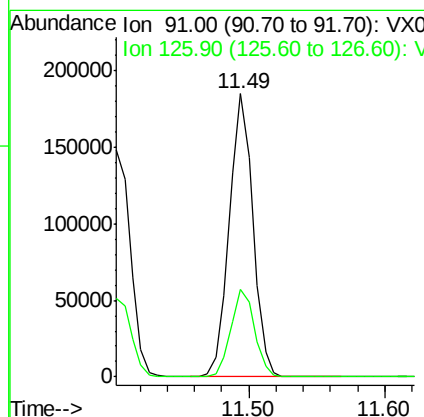
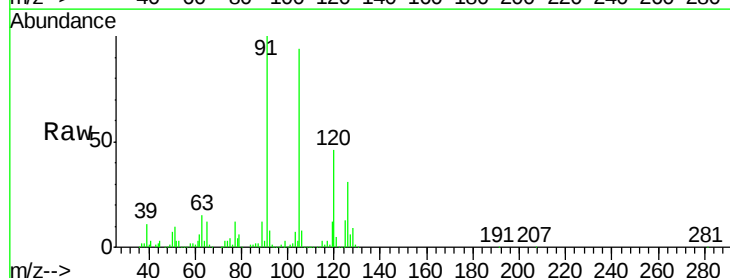
RT: 11.49 min Scan# 1707

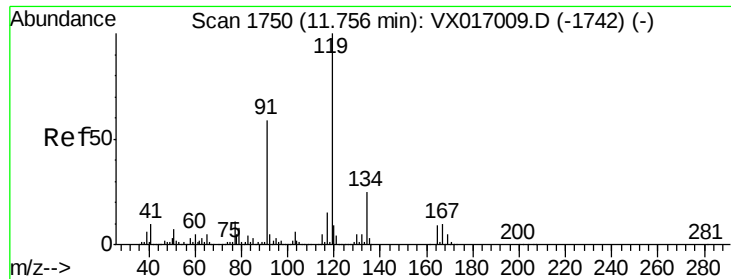
Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Tgt Ion:	91	Resp:	221863
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.2	45.5





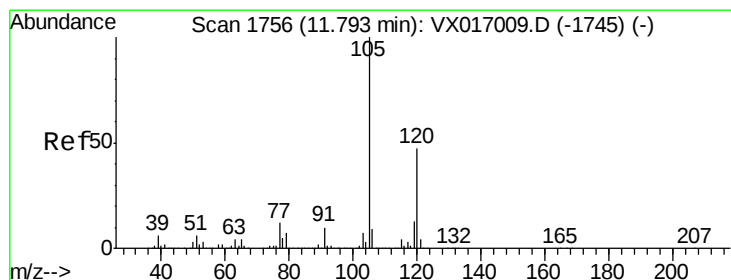
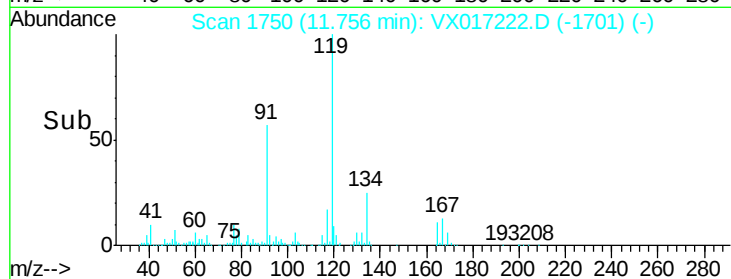
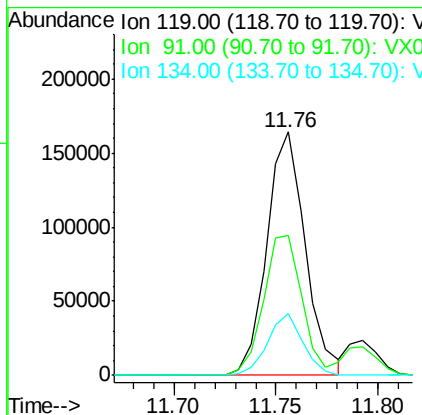
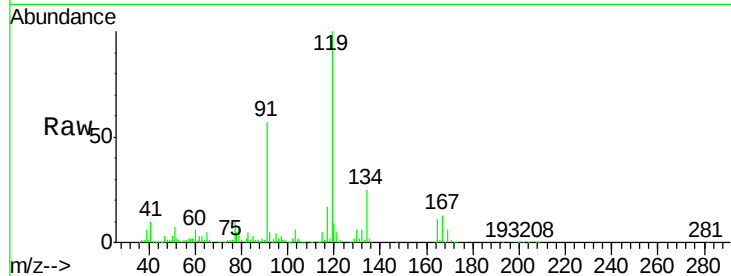
#83
tert-Butylbenzene
Concen: 18.201 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.1	28.3	84.9
134	23.4	11.7	35.1

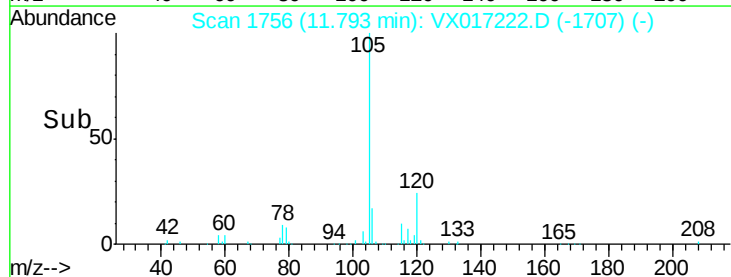
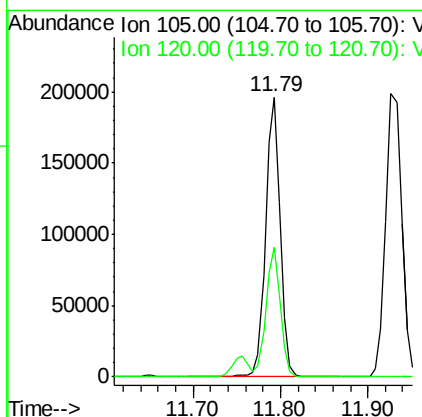
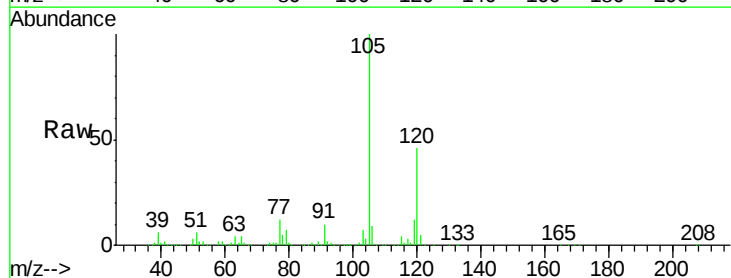
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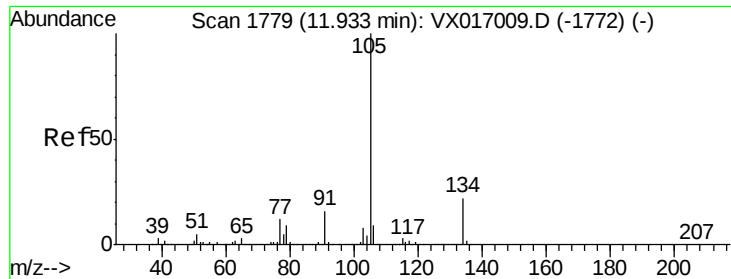
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#84
1,2,4-Trimethylbenzene
Concen: 18.802 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.5





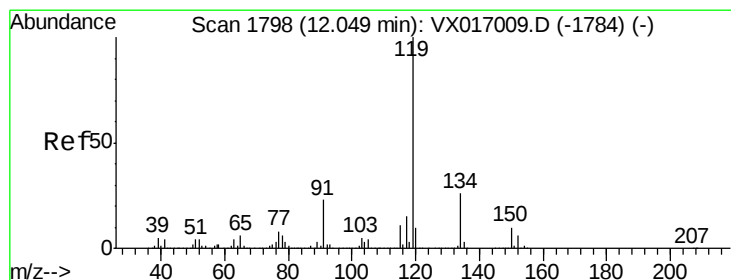
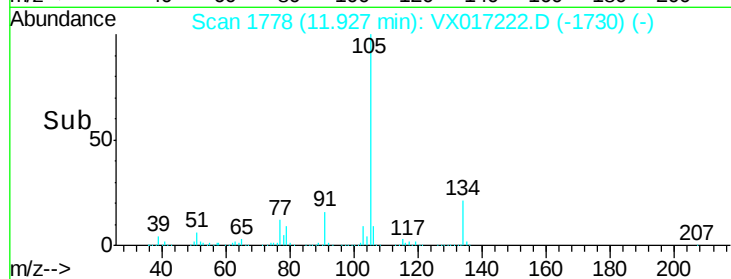
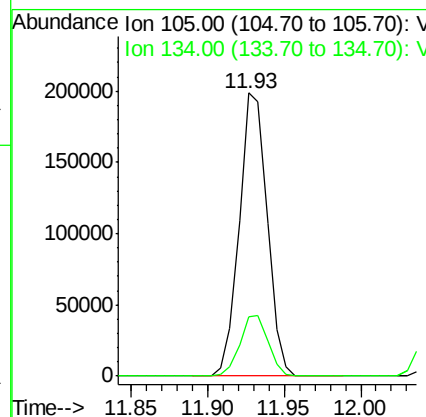
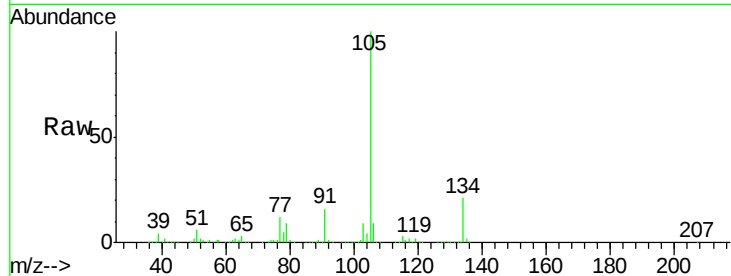
#85
 sec-Butylbenzene
 Concen: 17.994 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.7	10.5	31.6

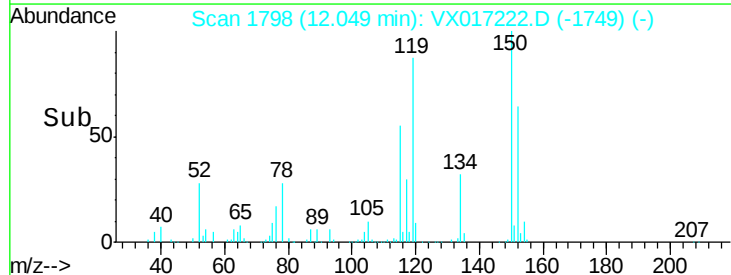
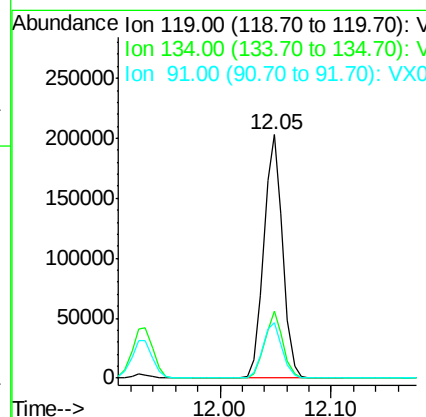
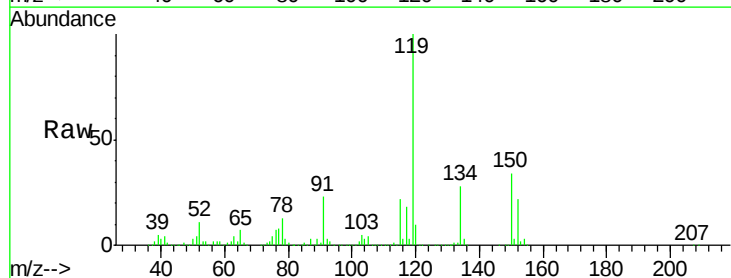
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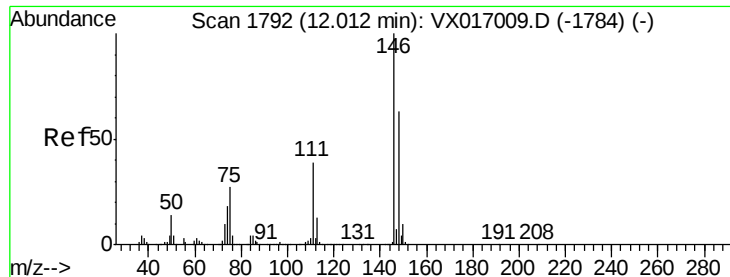
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#86
 p-Isopropyltoluene
 Concen: 18.381 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.2	39.5
91	23.9	11.8	35.4





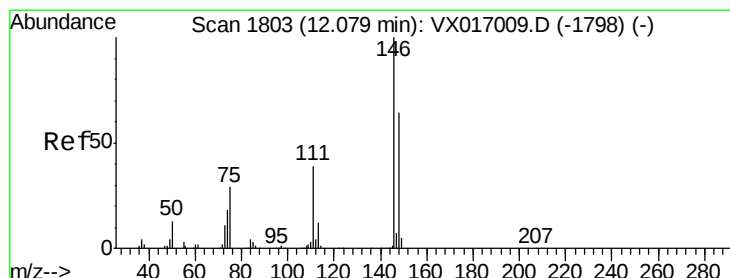
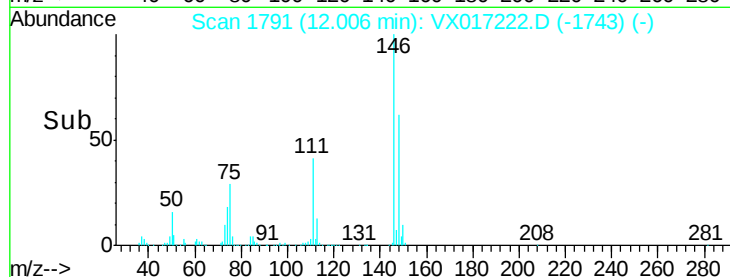
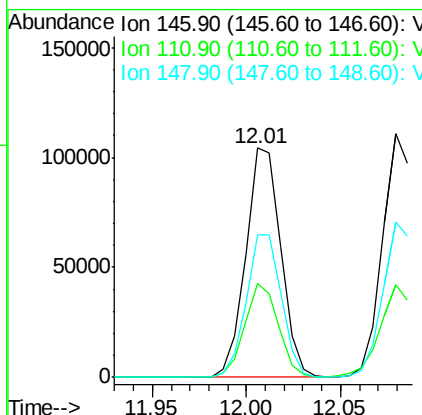
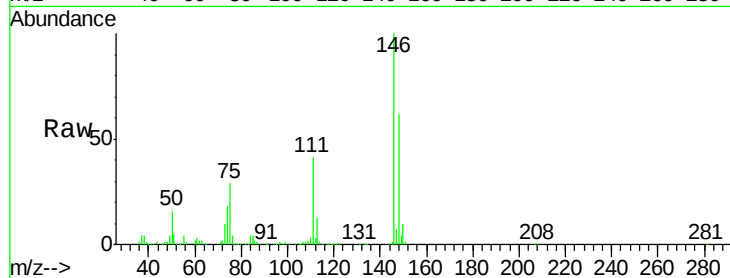
#87
 1,3-Dichlorobenzene
 Concen: 18.532 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.4	61.2
148	62.5	32.5	97.5

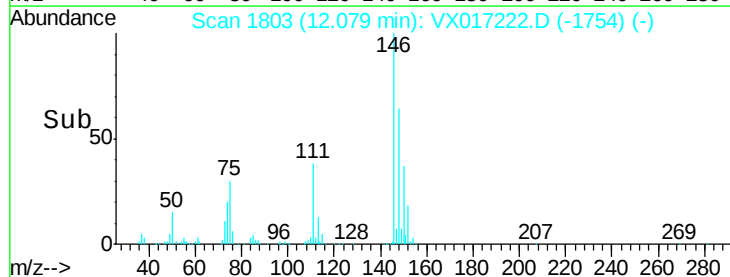
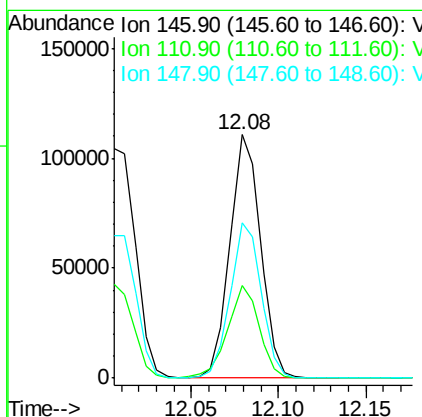
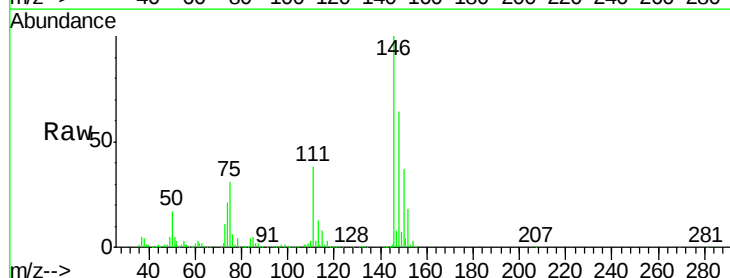
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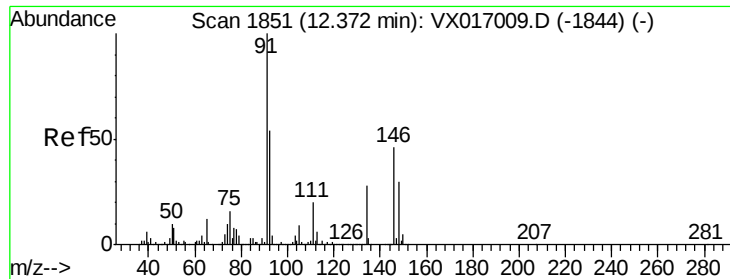
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#88
 1,4-Dichlorobenzene
 Concen: 19.579 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.5	58.5
148	64.5	31.9	95.7





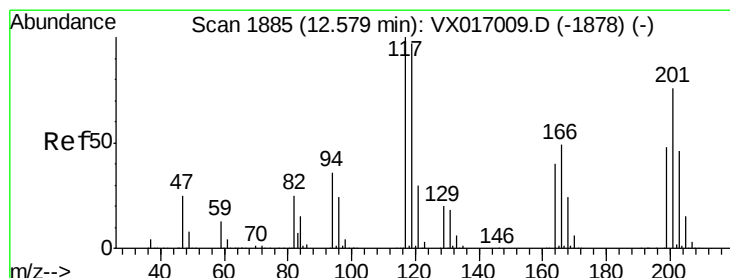
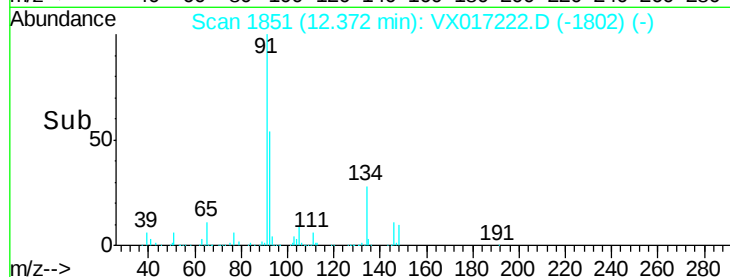
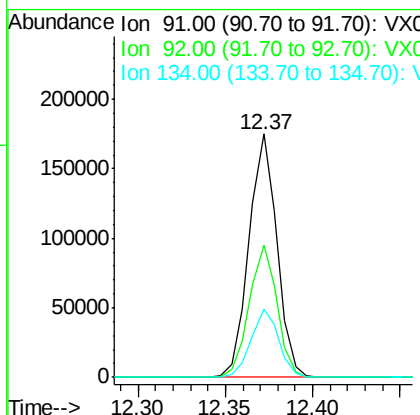
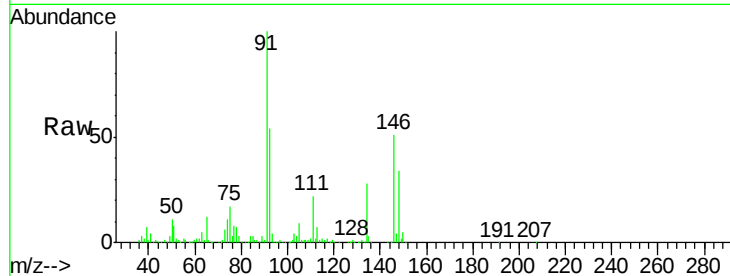
#89
n-Butylbenzene
Concen: 16.784 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	194911		
92	54.0	27.2	81.6	
134	27.6	13.6	40.7	

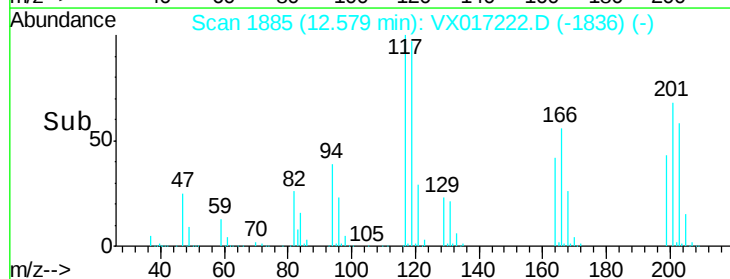
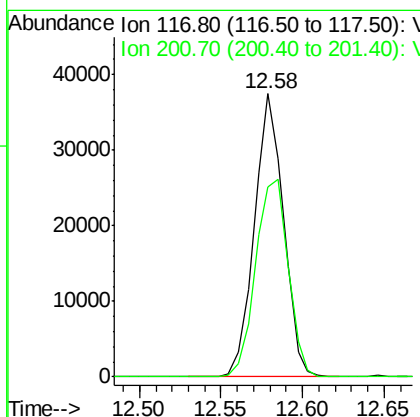
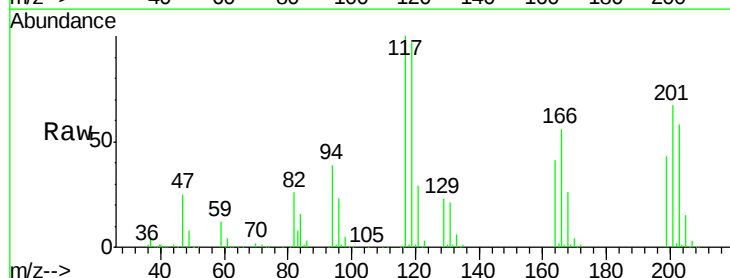
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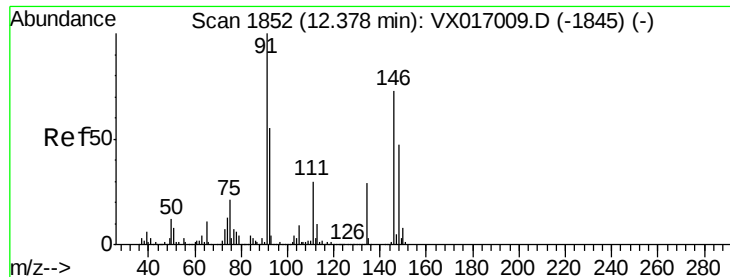
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#90
Hexachloroethane
Concen: 18.215 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	46717		
201	78.0	39.4	118.2	





#91

1,2-Dichlorobenzene

Concen: 18.502 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

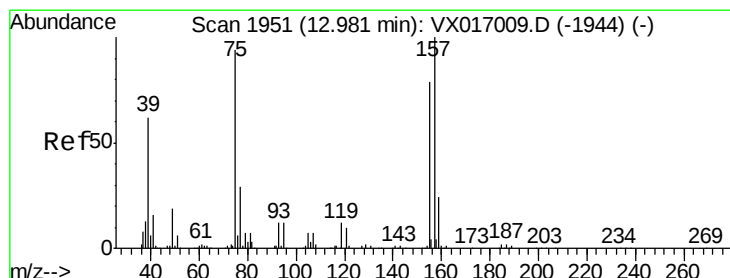
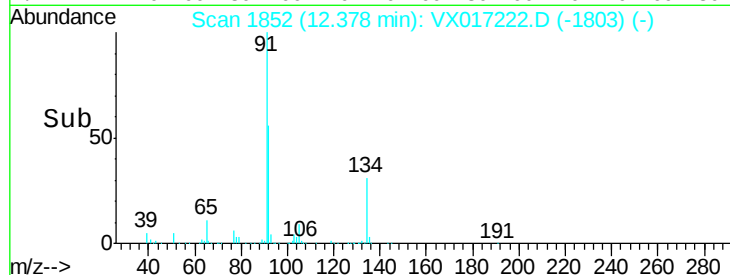
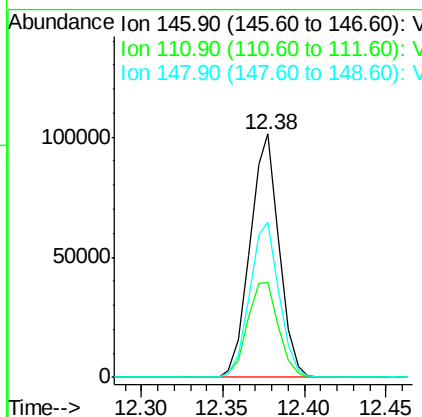
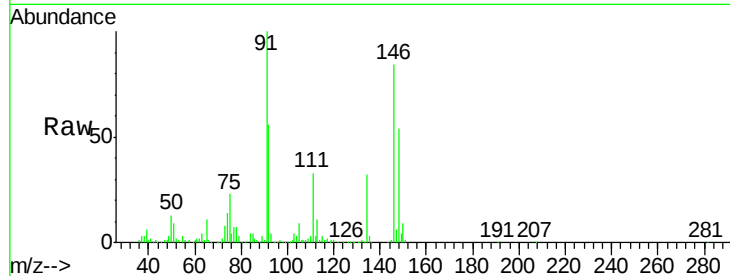
ClientSampleId :

VX0707WBSD02

Tot Ion:	146	Resp:	126005
Ion Ratio	Lower	Upper	
146	100		
111	41.7	20.6	61.9
148	64.6	32.4	97.2

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.751 ug/l

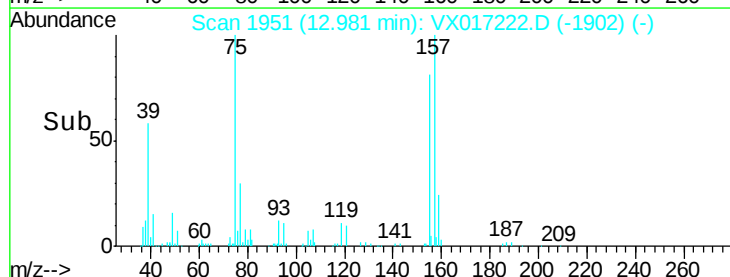
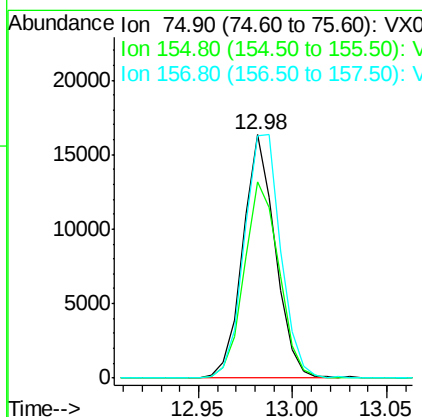
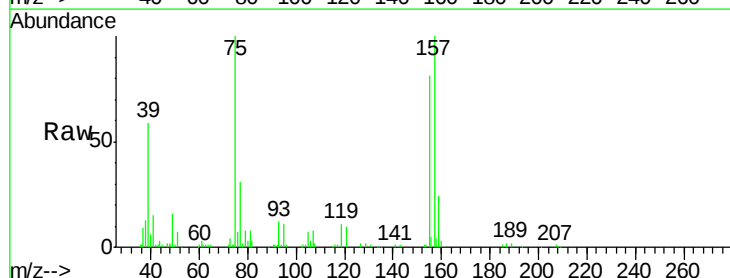
RT: 12.98 min Scan# 1951

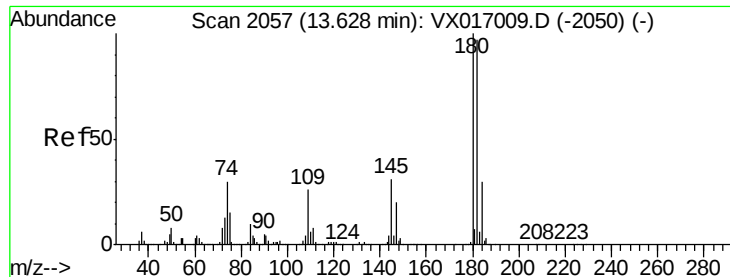
Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Tgt Ion:	75	Resp:	19443
Ion Ratio	Lower	Upper	
75	100		
155	86.6	45.1	135.2
157	112.7	56.5	169.3





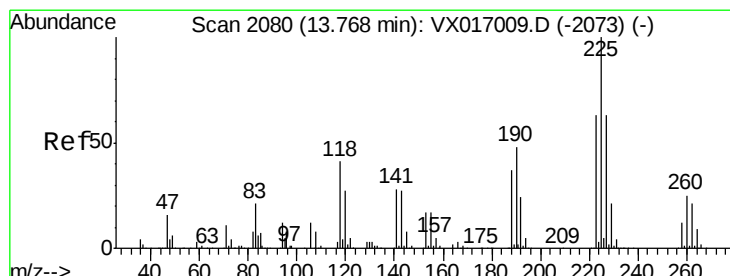
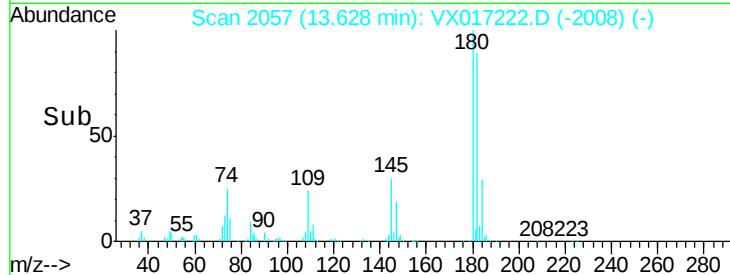
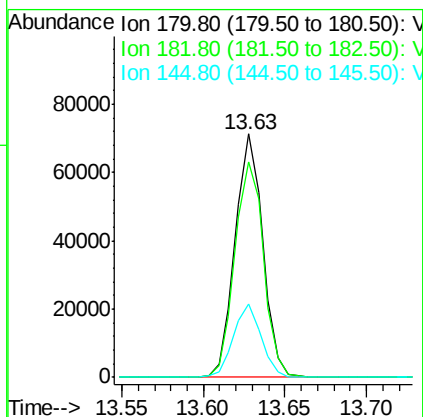
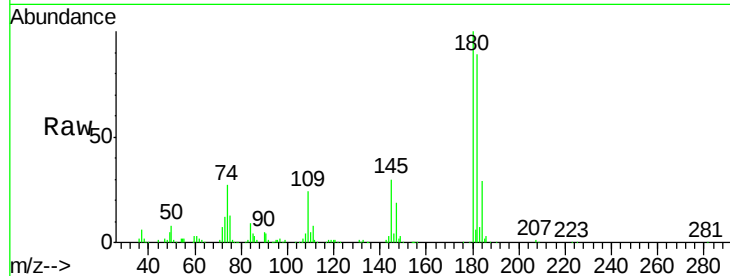
#93
 1,2,4-Trichlorobenzene
 Concen: 18.175 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.3	141.9
145	30.0	15.4	46.2

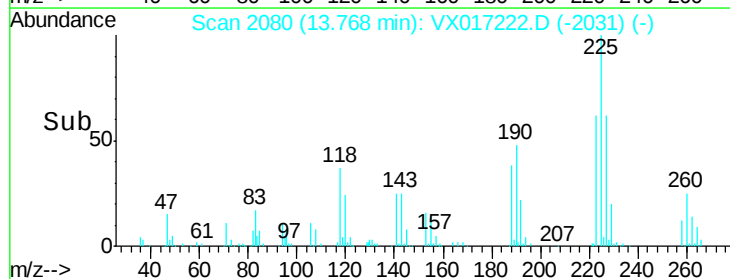
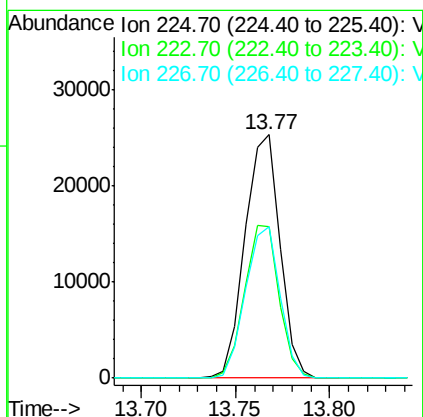
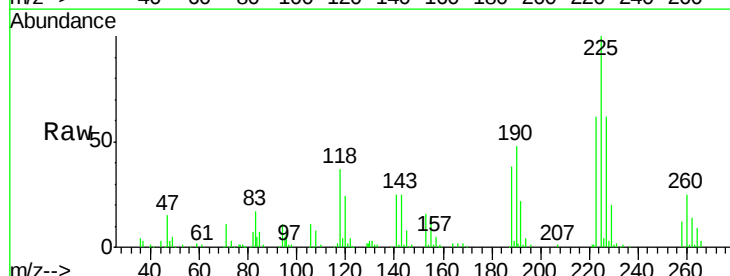
Manual Integrations
 APPROVED

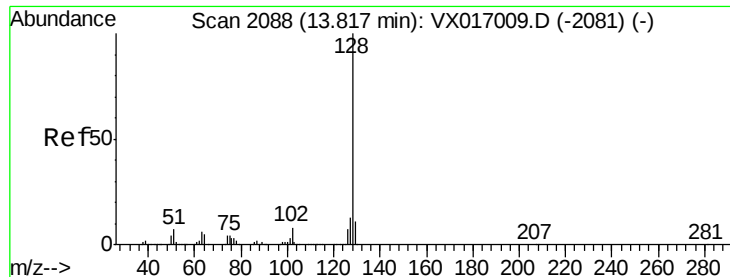
MMDadoda
 7/8/2020 9:31:58 AM



#94
 Hexachlorobutadiene
 Concen: 19.042 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.5	97.5
227	61.6	33.1	99.2





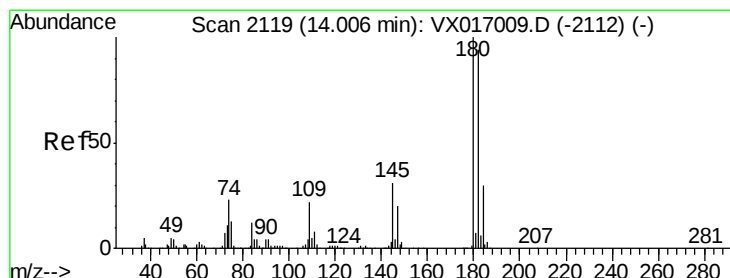
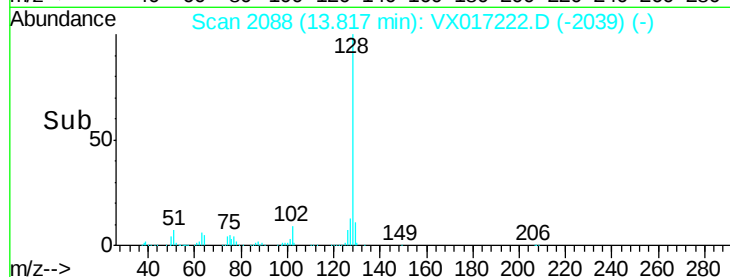
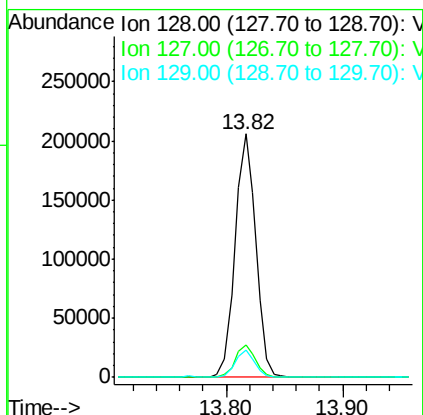
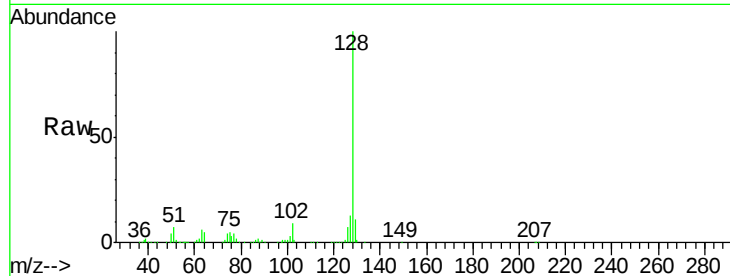
#95
Naphthalene
Concen: 18.041 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:31:58 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.456 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.1	141.4
145	32.1	16.6	49.7

