

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017362.D
 Acq On : 13 Jul 2020 18:44
 Operator : JC/SP
 Sample : VX0713WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:14 AM

Quant Time: Jul 14 03:15:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	304823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	473231	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	244763	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	188798	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
35) Dibromofluoromethane	5.46	113	153721	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	8.70	98	574161	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.12	95	220045	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	58680	22.750	ug/l	99
3) Chloromethane	1.31	50	60662	20.890	ug/l	99
4) Vinyl Chloride	1.39	62	61754	21.497	ug/l	97
5) Bromomethane	1.63	94	42473	22.712	ug/l	98
6) Chloroethane	1.71	64	37430	20.642	ug/l	96
7) Trichlorofluoromethane	1.92	101	98669	20.350	ug/l	96
8) Diethyl Ether	2.17	74	33511	19.553	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55552	20.113	ug/l	97
10) Methyl Iodide	2.50	142	62652	18.677	ug/l	98
11) Tert butyl alcohol	3.01	59	68889	106.875	ug/l	99
12) 1,1-Dichloroethene	2.35	96	56075	20.215	ug/l	90
13) Acrolein	2.28	56	29733	84.148	ug/l	99
14) Allyl chloride	2.71	41	97712	20.329	ug/l	97
15) Acrylonitrile	3.12	53	166185	106.355	ug/l	99
16) Acetone	2.42	43	137446	100.702	ug/l	97
17) Carbon Disulfide	2.55	76	166353	20.557	ug/l	100
18) Methyl Acetate	2.75	43	72470	21.497	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	195759	20.783	ug/l	99
20) Methylene Chloride	2.84	84	65910	19.792	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	64575	20.346	ug/l	97
22) Diisopropyl ether	3.83	45	195365	21.337	ug/l	90
23) Vinyl Acetate	3.79	43	867746	107.763	ug/l	100
24) 1,1-Dichloroethane	3.67	63	113574	21.107	ug/l	99
25) 2-Butanone	4.63	43	233495	107.709	ug/l	99
26) 2,2-Dichloropropane	4.56	77	93557	18.682	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	71645	20.585	ug/l	98
28) Bromochloromethane	4.98	49	50999	20.517	ug/l	98
29) Tetrahydrofuran	5.09	42	152859	108.930	ug/l	99
30) Chloroform	5.18	83	118546	20.477	ug/l	99
31) Cyclohexane	5.55	56	96867	21.990	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	110250	20.600	ug/l	100
36) 1,1-Dichloropropene	5.77	75	86154	19.793	ug/l	100
37) Ethyl Acetate	4.79	43	91172	20.253	ug/l	98
38) Carbon Tetrachloride	5.76	117	101169	19.851	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX071362.D
 Acq On : 13 Jul 2020 18:44
 Operator : JC/SP
 Sample : VX0713WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0713WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:14 AM

Quant Time: Jul 14 03:15:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	95579	20.220	ug/l	99
40) Benzene	6.11	78	255650	20.436	ug/l	98
41) Methacrylonitrile	5.01	41	51919	21.484	ug/l	96
42) 1,2-Dichloroethane	6.16	62	97287	20.017	ug/l	99
43) Isopropyl Acetate	6.42	43	147205	20.465	ug/l	99
44) Trichloroethene	7.19	130	76077	19.910	ug/l	99
45) 1,2-Dichloropropane	7.49	63	67276	21.018	ug/l	99
46) Dibromomethane	7.64	93	47288	20.484	ug/l	96
47) Bromodichloromethane	7.88	83	96280	19.949	ug/l	100
48) Methyl methacrylate	7.75	41	71880	20.824	ug/l	98
49) 1,4-Dioxane	7.71	88	29391	416.077	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	468321	106.776	ug/l	100
52) Toluene	8.76	92	165569	20.625	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	103832	19.970	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	113218	20.416	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	67819	20.260	ug/l	98
56) Ethyl methacrylate	9.16	69	95956	20.190	ug/l	99
57) 1,3-Dichloropropane	9.35	76	112604	20.222	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	250023	103.610	ug/l	98
59) 2-Hexanone	9.47	43	351283	106.116	ug/l	99
60) Dibromochloromethane	9.56	129	80438	19.669	ug/l	97
61) 1,2-Dibromoethane	9.65	107	71968	19.763	ug/l	98
64) Tetrachloroethene	9.32	164	75981	19.497	ug/l	95
65) Chlorobenzene	10.12	112	182314	19.924	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	71556	19.642	ug/l	99
67) Ethyl Benzene	10.24	91	313589	20.586	ug/l	98
68) m/p-Xylenes	10.34	106	239703	41.358	ug/l	100
69) o-Xylene	10.68	106	112562	20.325	ug/l	98
70) Styrene	10.69	104	199246	20.959	ug/l	98
71) Bromoform	10.84	173	60025	19.526	ug/l #	100
73) Isopropylbenzene	11.00	105	309428	20.167	ug/l	99
74) N-amyl acetate	10.88	43	126253	20.563	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	97973	21.030	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	95266m	21.064	ug/l	
77) Bromobenzene	11.24	156	84105	19.246	ug/l	97
78) n-propylbenzene	11.34	91	351859	20.419	ug/l	99
79) 2-Chlorotoluene	11.40	91	210969	19.867	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	264387	20.299	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	33480	18.778	ug/l	97
82) 4-Chlorotoluene	11.49	91	254215	20.200	ug/l	99
83) tert-Butylbenzene	11.76	119	251958	20.012	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	269603	20.489	ug/l	100
85) sec-Butylbenzene	11.93	105	294773	19.998	ug/l	99
86) p-Isopropyltoluene	12.05	119	285364	20.460	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	155737	19.921	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	154592	19.573	ug/l	97
89) n-Butylbenzene	12.37	91	233883	19.663	ug/l	100
90) Hexachloroethane	12.58	117	52964	20.003	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	147071	20.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22985	18.698	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071320\
Data File : VX017362.D
Acq On : 13 Jul 2020 18:44
Operator : JC/SP
Sample : VX0713WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

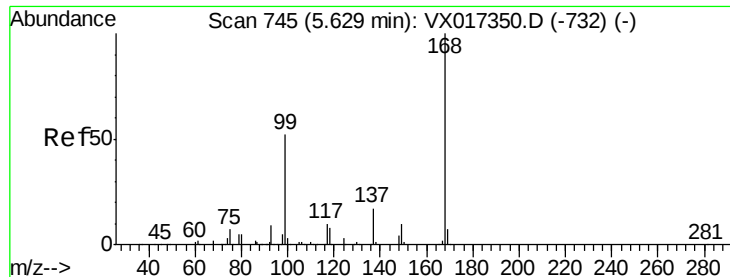
Manual Integrations
APPROVED

MMDadoda
7/14/2020 11:36:14 AM

Quant Time: Jul 14 03:15:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	97547	19.128	ug/l	100
94) Hexachlorobutadiene	13.76	225	42601	20.484	ug/l	98
95) Naphthalene	13.82	128	305657	20.385	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	97503	19.793	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. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

Tot Ion:168 Resp: 304823

Ion Ratio Lower Upper

168 100

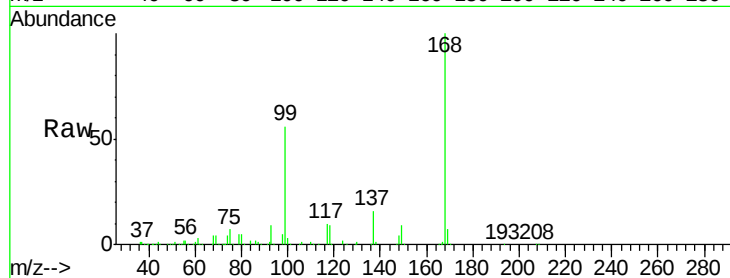
99 55.9 41.6 62.4

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

5.63

120000

100000

80000

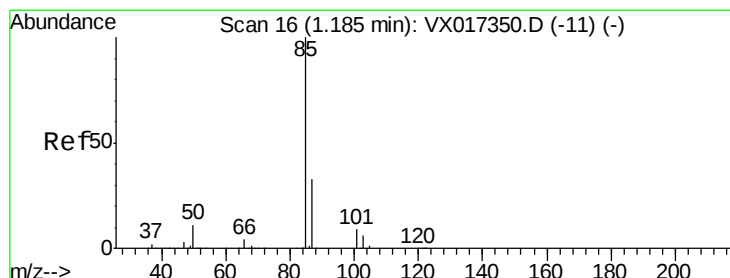
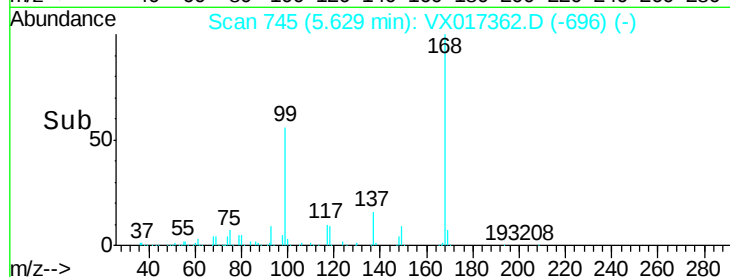
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.750 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017362.D

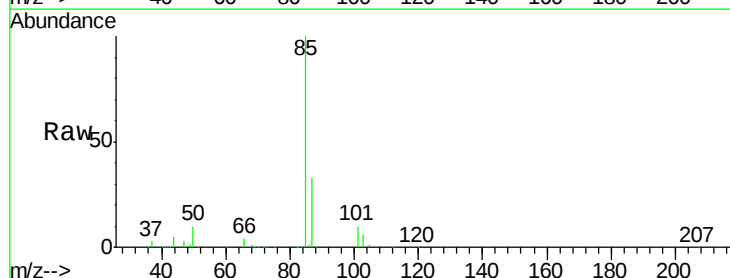
Acq: 13 Jul 2020 18:44

Tgt Ion: 85 Resp: 58680

Ion Ratio Lower Upper

85 100

87 33.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

80000

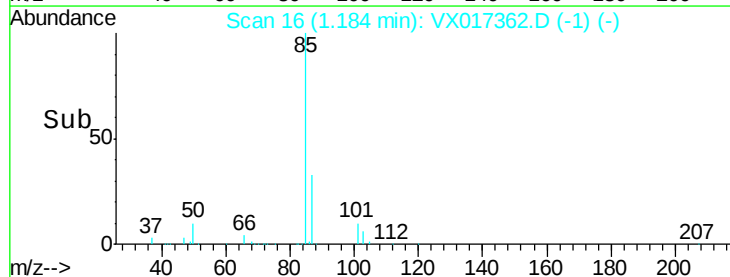
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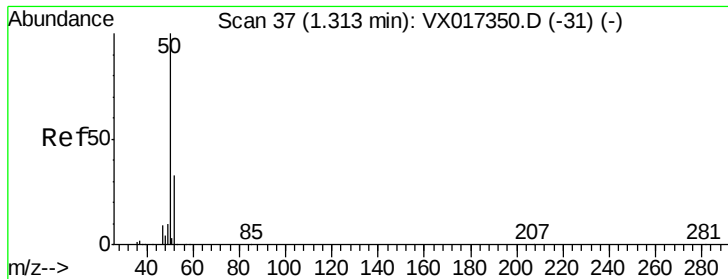
40000

20000

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Time-->





#3

Chloromethane

Concen: 20.890 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

Tot Ion: 50 Resp: 60662

Ion Ratio Lower Upper

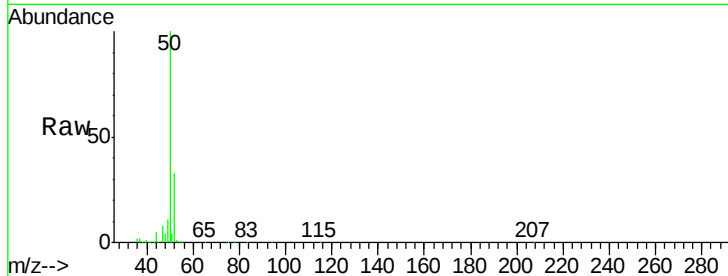
50 100

52 32.6 26.7 40.1

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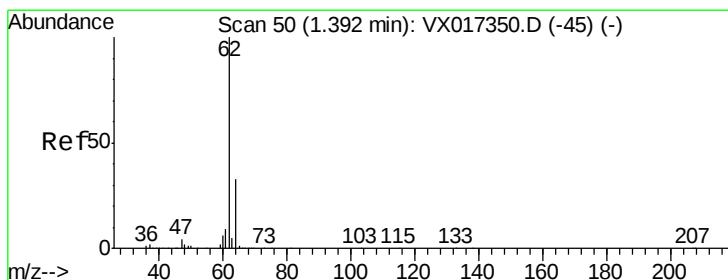
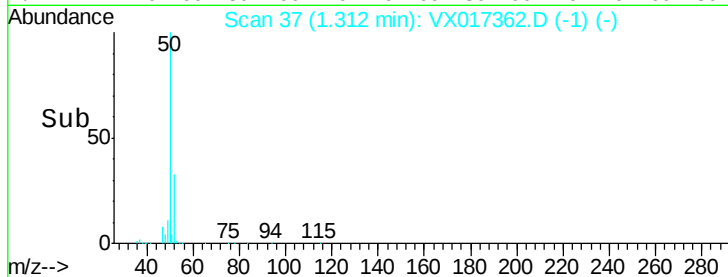
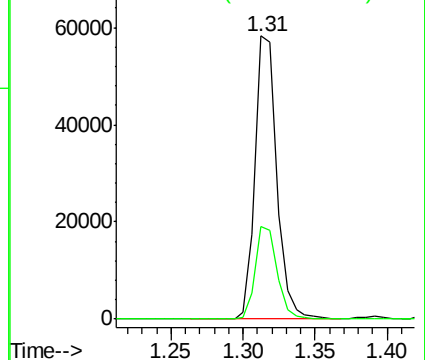
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.497 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017362.D

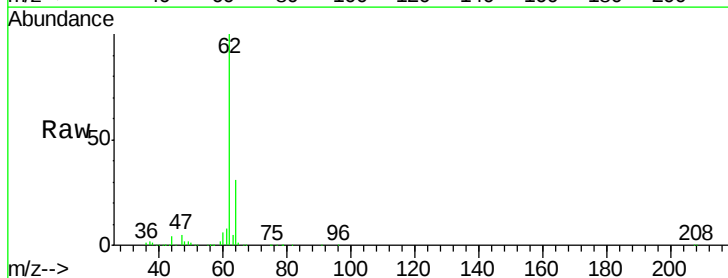
Acq: 13 Jul 2020 18:44

Tgt Ion: 62 Resp: 61754

Ion Ratio Lower Upper

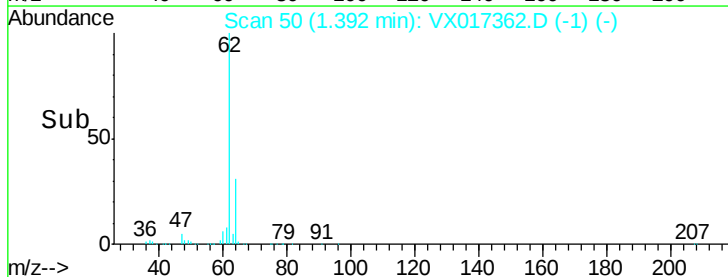
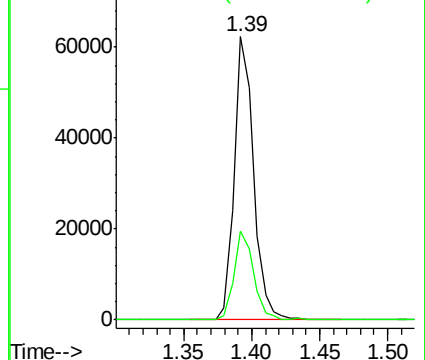
62 100

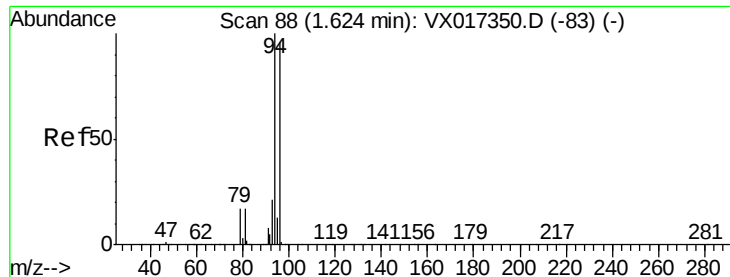
64 31.2 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.712 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

Tot Ion: 94 Resp: 42473

Ion Ratio Lower Upper

94 100

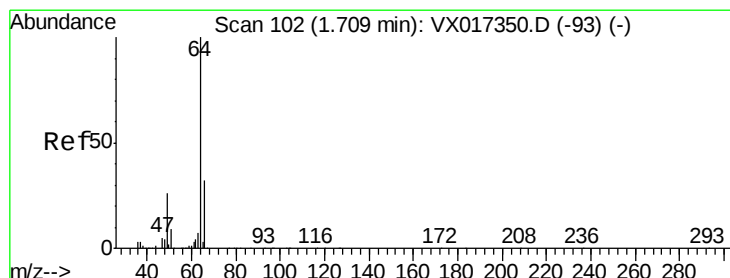
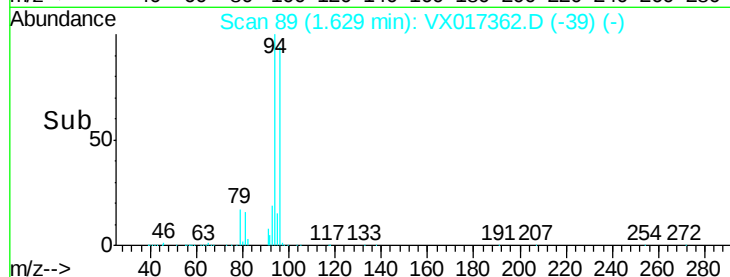
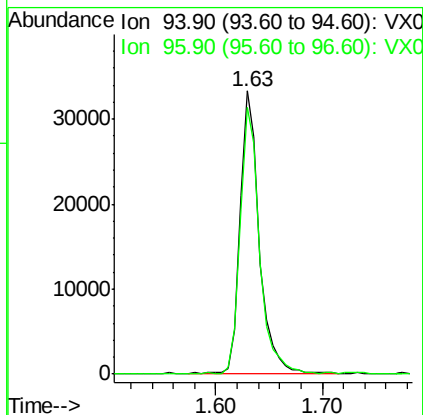
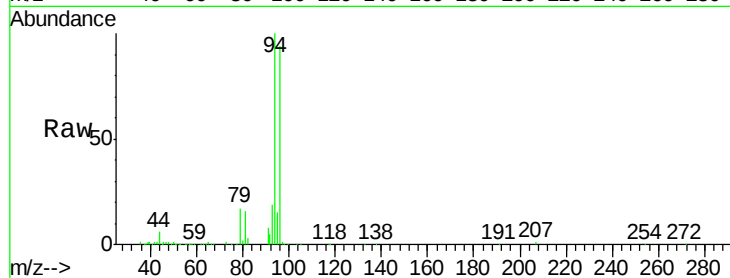
96 94.2 76.6 115.0

Manual Integrations

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#6

Chloroethane

Concen: 20.642 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017362.D

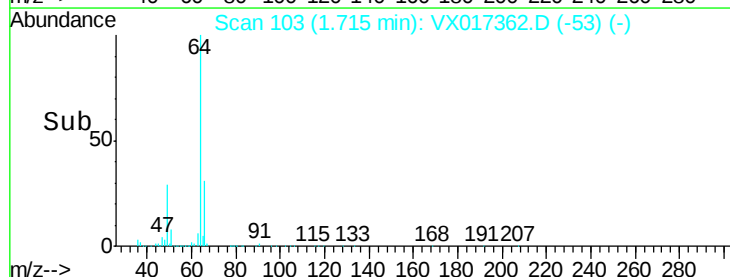
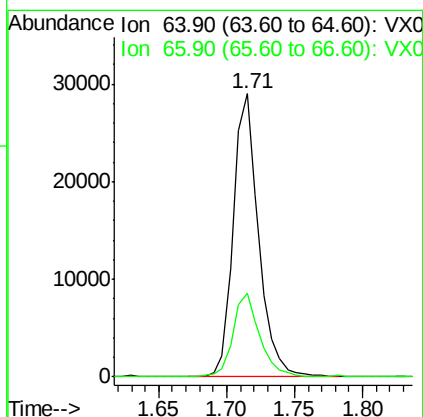
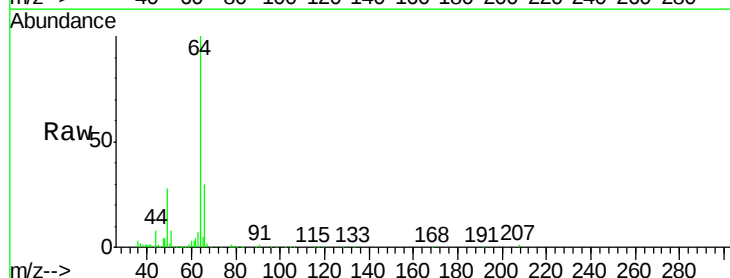
Acq: 13 Jul 2020 18:44

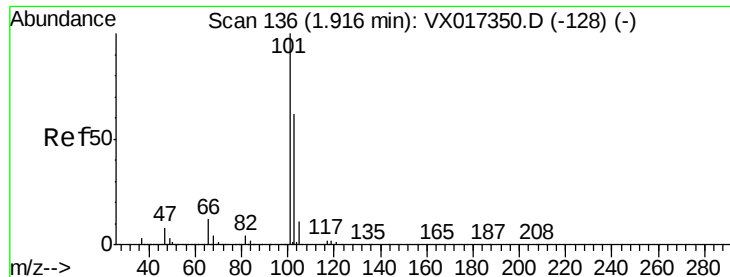
Tgt Ion: 64 Resp: 37430

Ion Ratio Lower Upper

64 100

66 29.7 25.7 38.5





#7

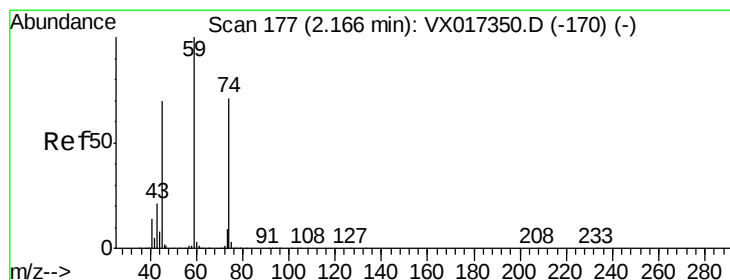
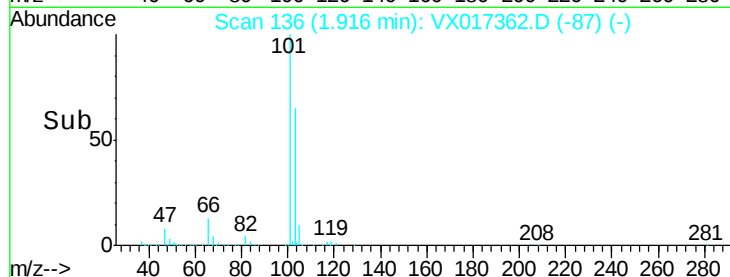
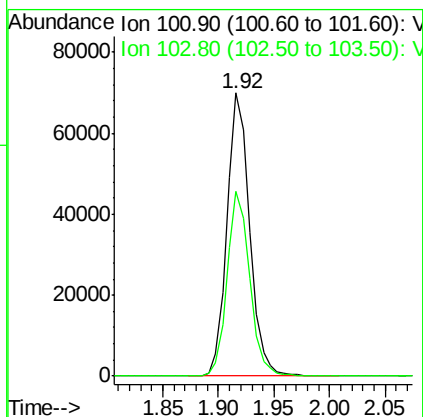
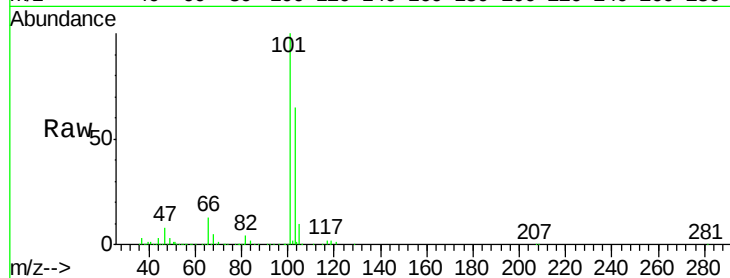
Trichlorofluoromethane
Concen: 20.350 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	49.6	74.4

Manual Integrations
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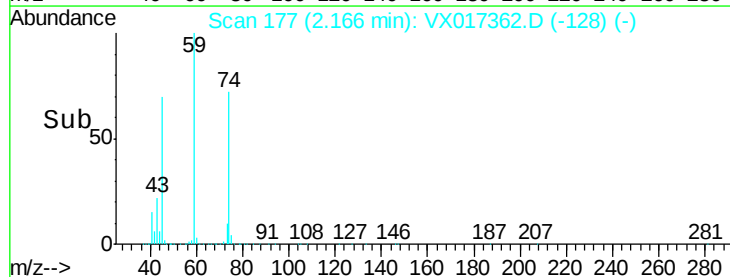
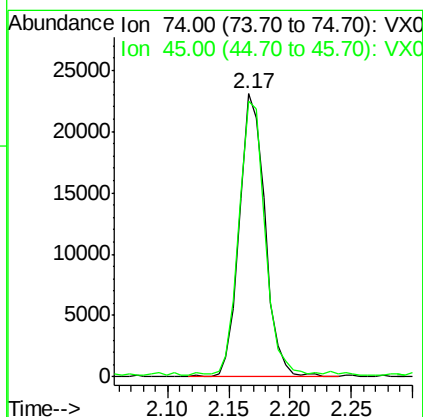
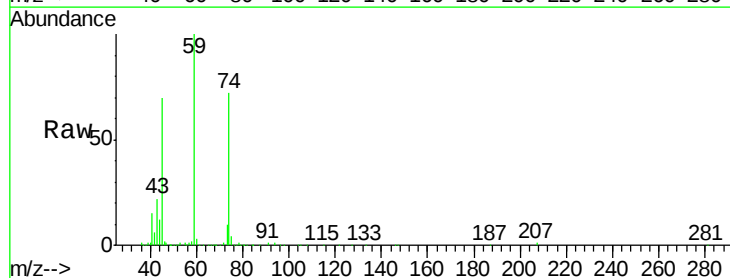
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7/14/2020 11:36:14 AM

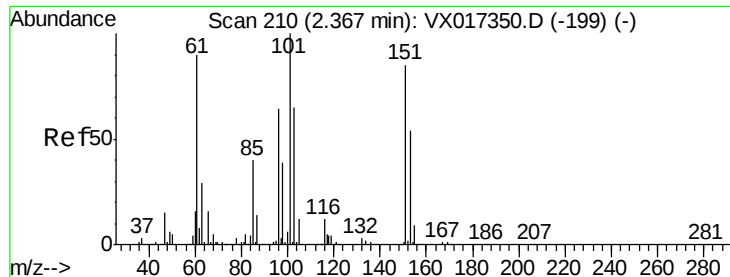


#8

Diethyl Ether
Concen: 19.553 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.0	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.113 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

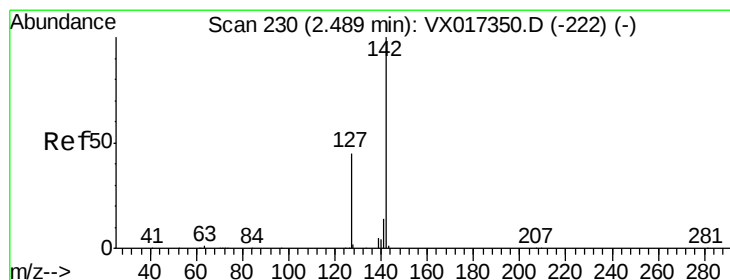
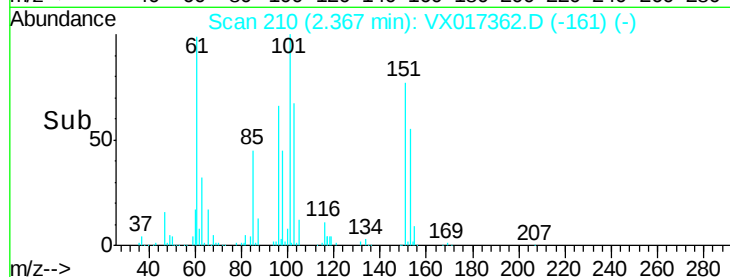
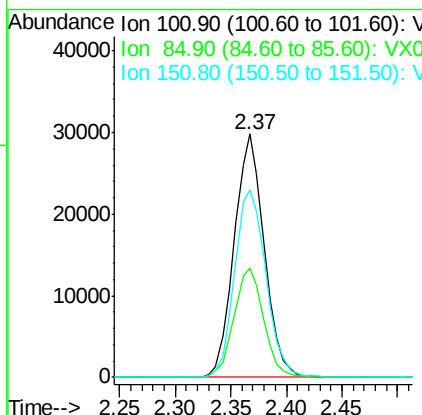
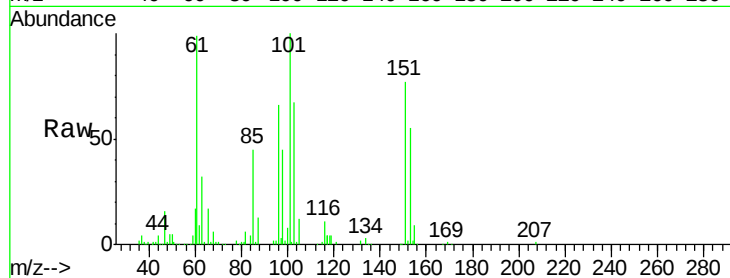
ClientSampleId :

VX0713WBSD01

Tot Ion:	101	Resp:	55552
Ion Ratio	Lower	Upper	
101	100		
85	44.3	33.7	50.5
151	80.8	66.4	99.6

Manual Integrations
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7/14/2020 11:36:14 AM



#10

Methyl Iodide

Concen: 18.677 ug/l

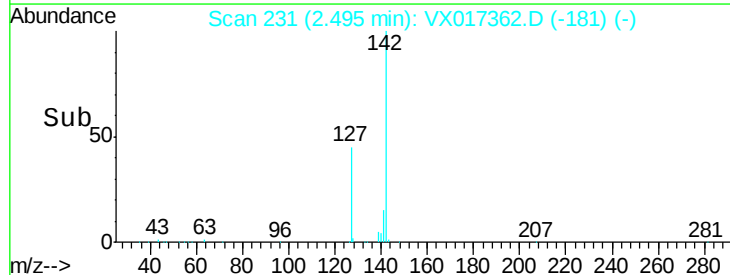
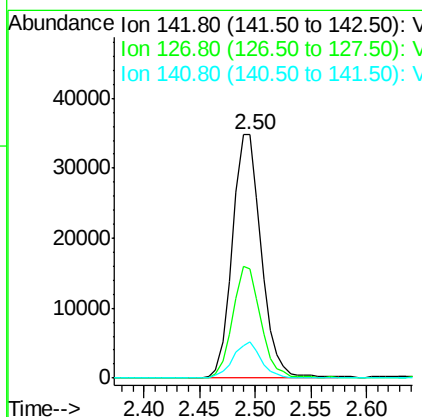
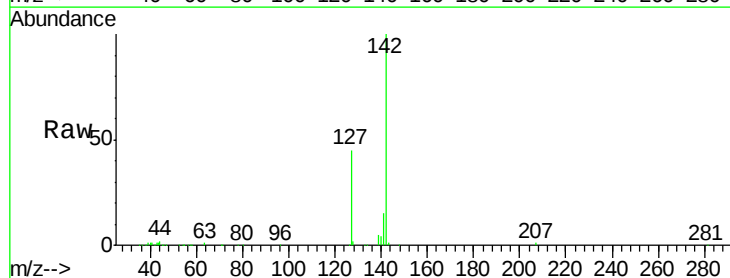
RT: 2.50 min Scan# 231

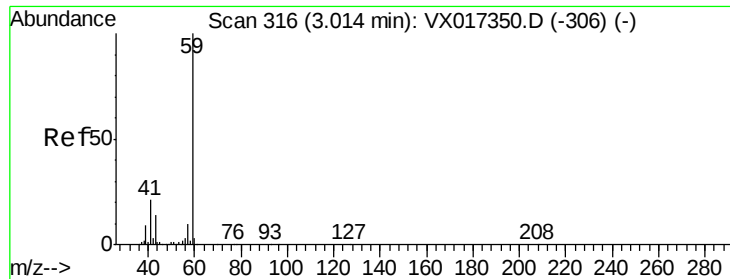
Delta R.T. 0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Tgt Ion:	142	Resp:	62652
Ion Ratio	Lower	Upper	
142	100		
127	44.5	36.8	55.2
141	14.6	11.4	17.0





#11

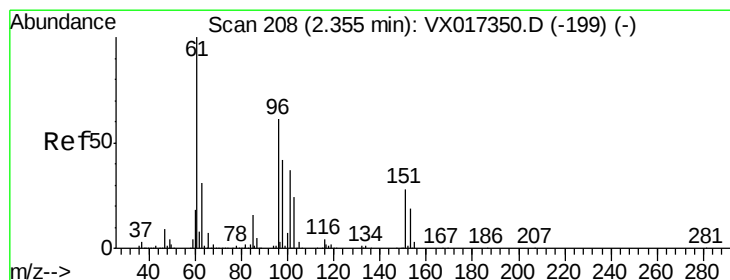
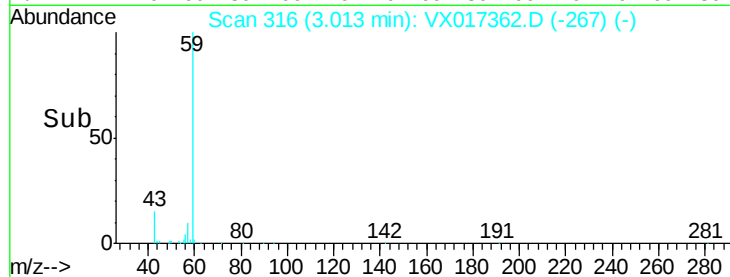
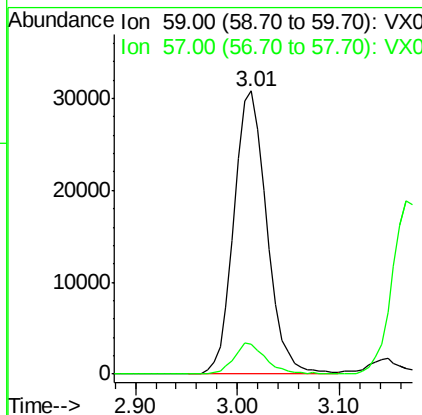
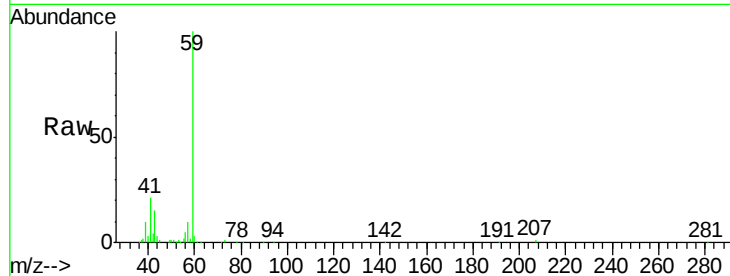
Tert butyl alcohol
Concen: 106.875 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5

Manual Integrations
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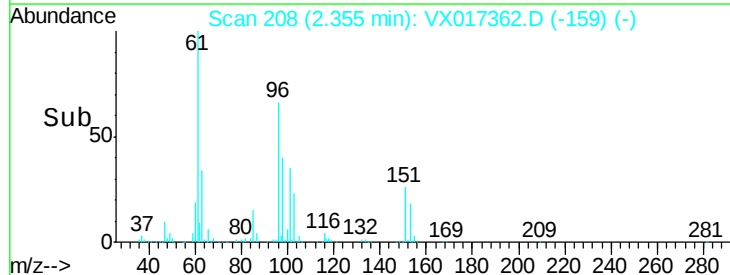
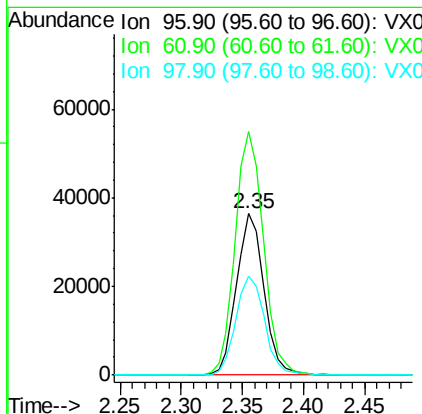
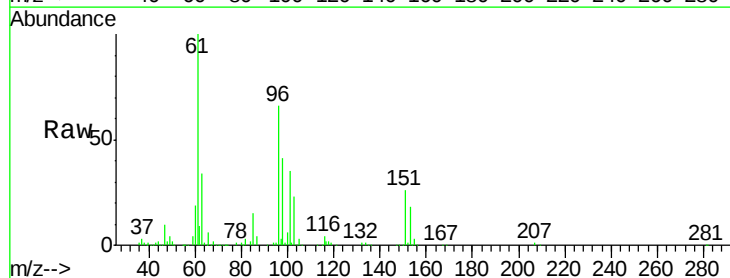
MMDadoda
7/14/2020 11:36:14 AM

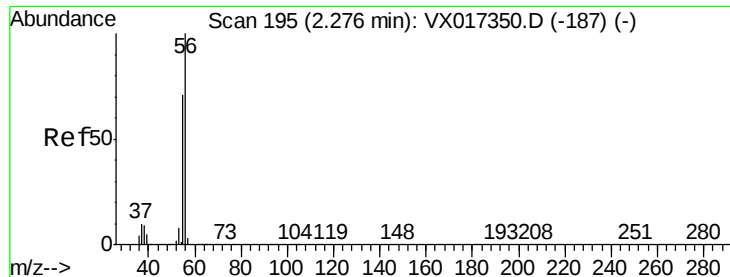


#12

1,1-Dichloroethene
Concen: 20.215 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.2	131.5	197.3
98	61.4	55.1	82.7





#13

Acrolein

Concen: 84.148 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

Tot Ion: 56 Resp: 29733

Ion Ratio Lower Upper

56 100

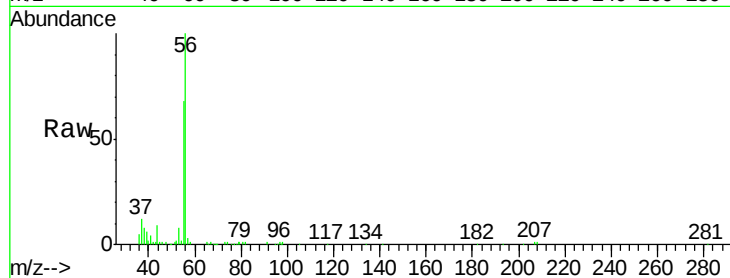
55 72.2 57.1 85.7

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

15000

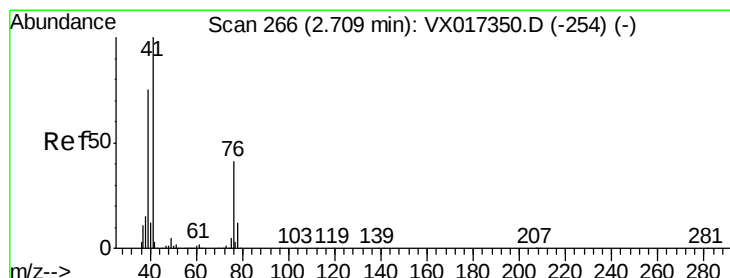
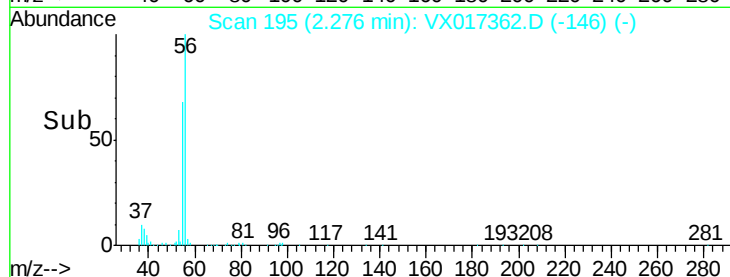
10000

5000

0

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 20.329 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

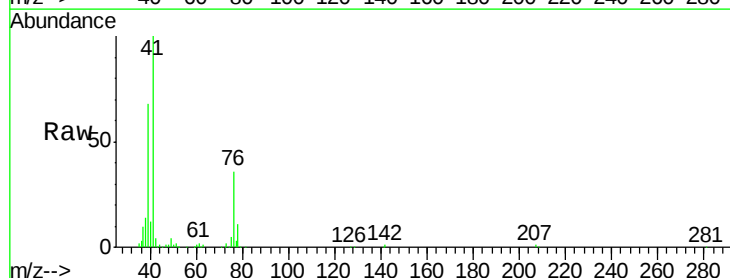
Tgt Ion: 41 Resp: 97712

Ion Ratio Lower Upper

41 100

39 63.8 53.0 79.4

76 34.1 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

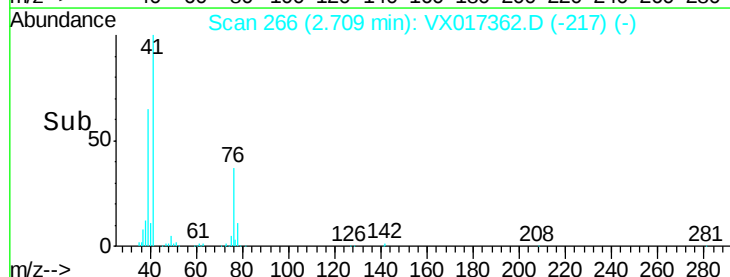
40000

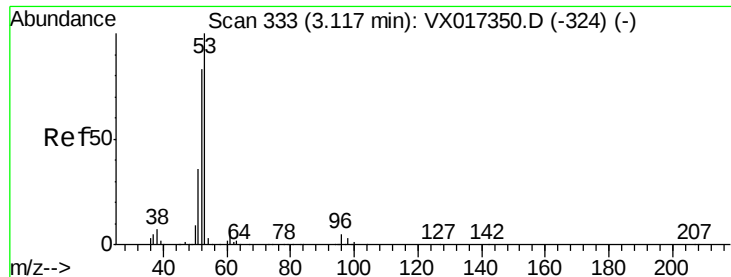
20000

0

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 106.355 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

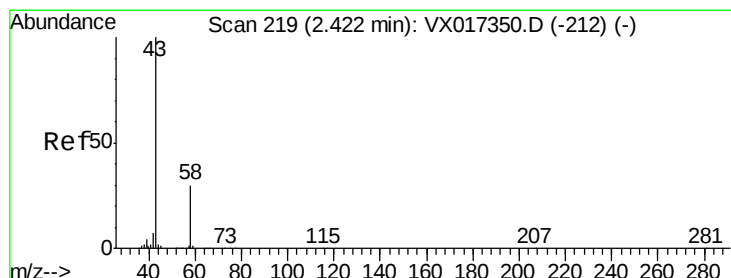
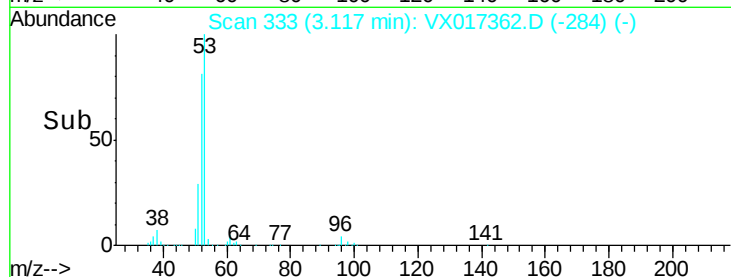
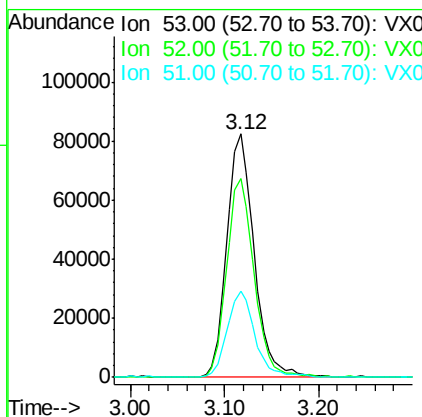
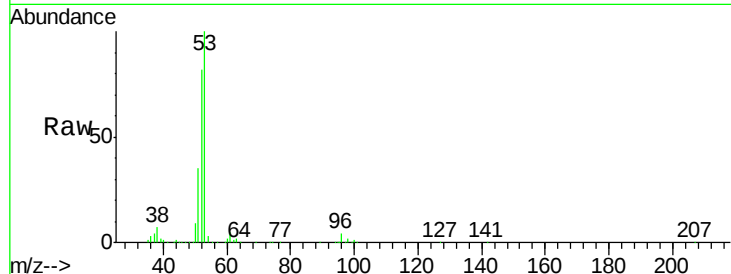
ClientSampleId :

VX0713WBSD01

Tot Ion	53	Resp	166185
Ion Ratio	Lower	Upper	
53	100		
52	82.6	65.8	98.6
51	35.8	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 100.702 ug/l

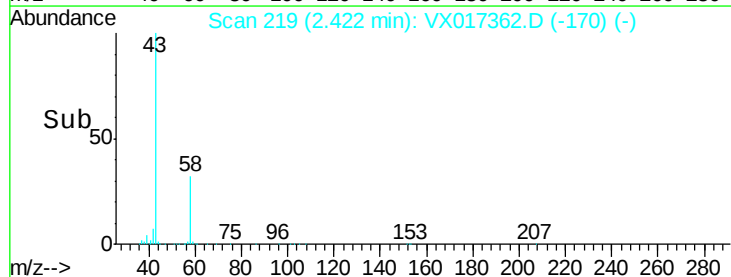
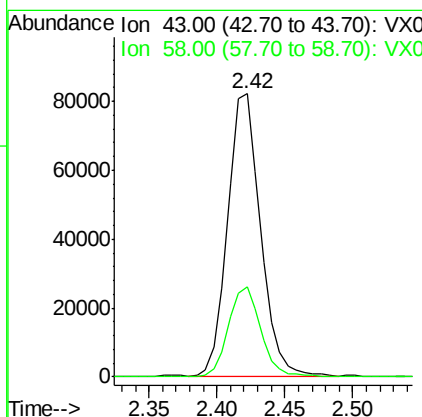
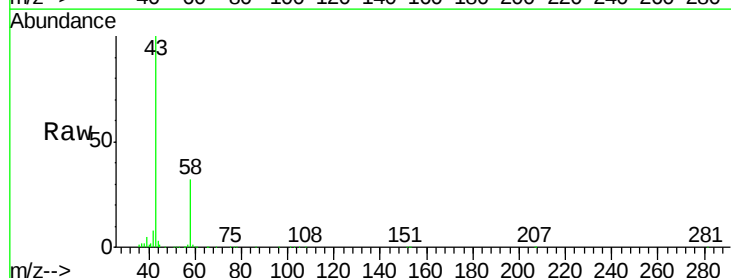
RT: 2.42 min Scan# 219

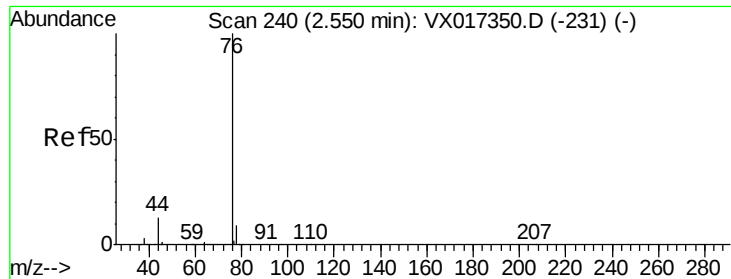
Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Tgt Ion	43	Resp	137446
Ion Ratio	Lower	Upper	
43	100		
58	32.0	24.2	36.2





#17

Carbon Disulfide

Concen: 20.557 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

Tot Ion: 76 Resp: 166353

Ion Ratio Lower Upper

76 100

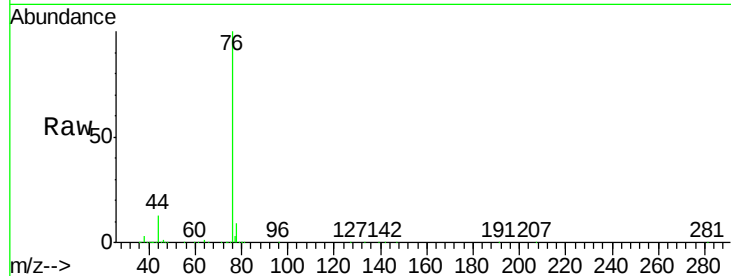
78 9.1 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

120000

100000

80000

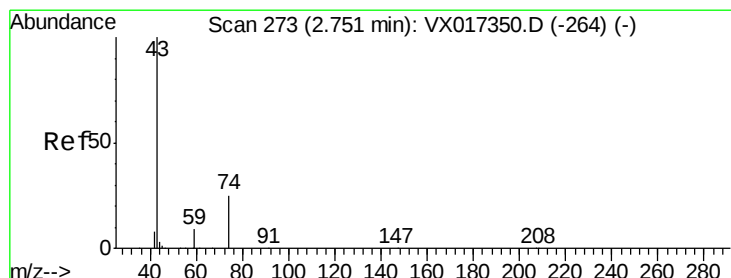
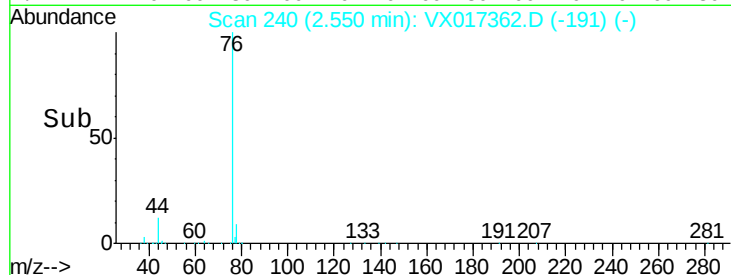
60000

40000

20000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 21.497 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017362.D

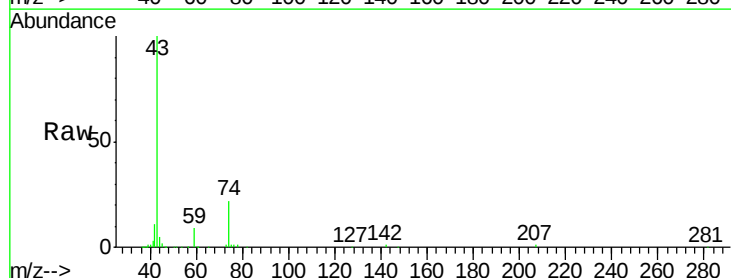
Acq: 13 Jul 2020 18:44

Tgt Ion: 43 Resp: 72470

Ion Ratio Lower Upper

43 100

74 23.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

40000

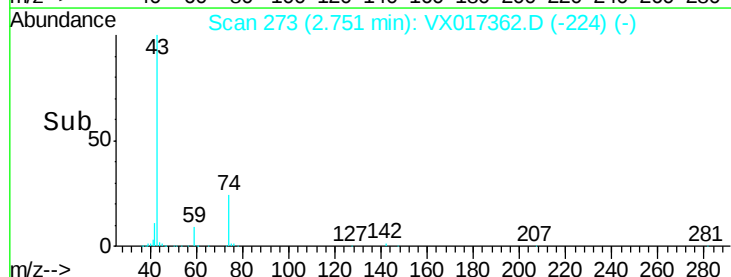
30000

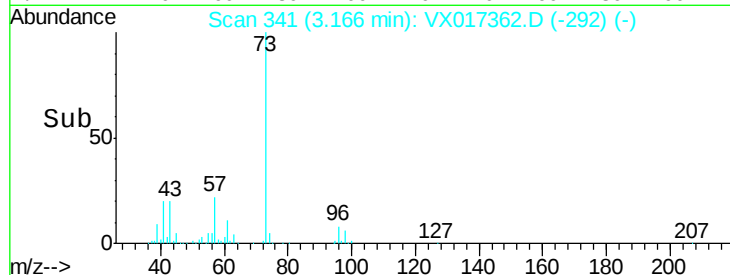
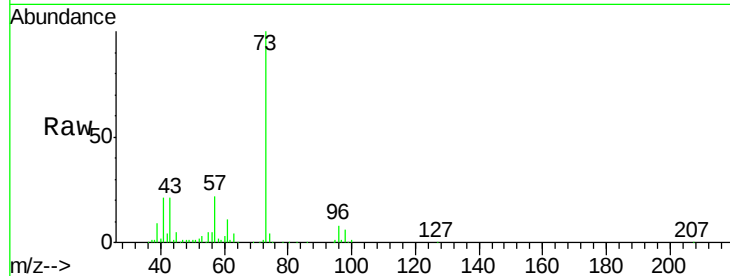
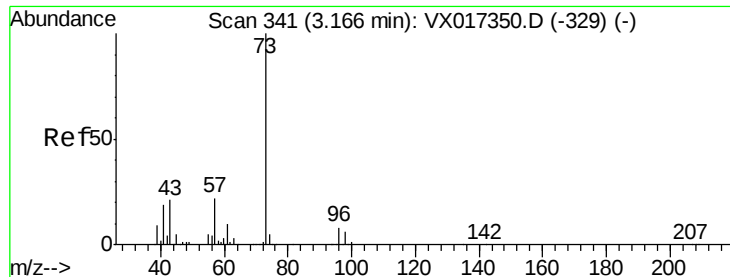
20000

10000

0

Time--> 2.65 2.70 2.75 2.80 2.85





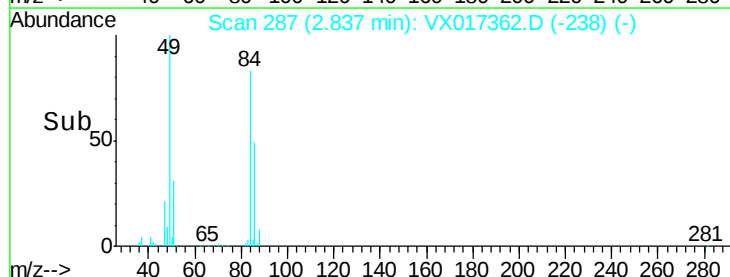
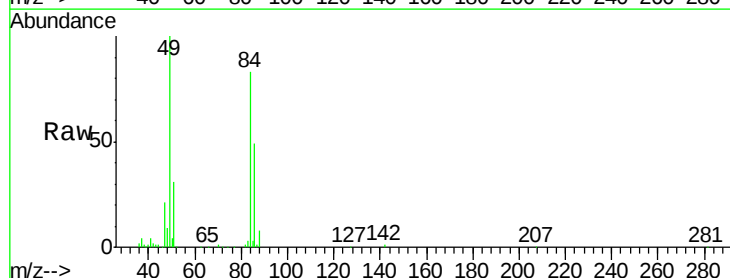
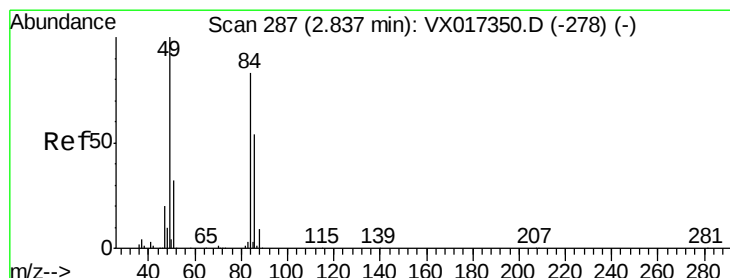
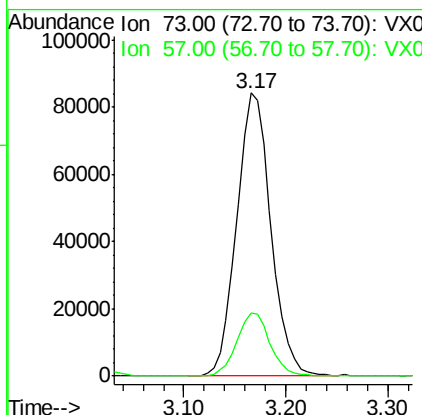
#19
Methyl tert-butyl Ether
Concen: 20.783 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.5	26.3

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

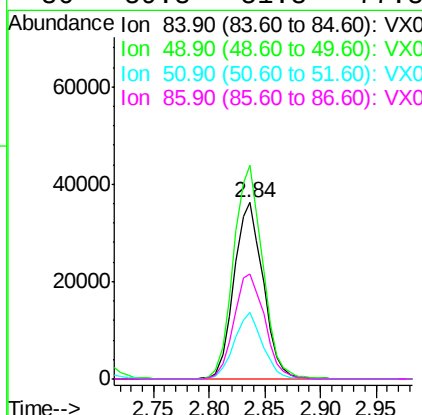
Manual Integrations
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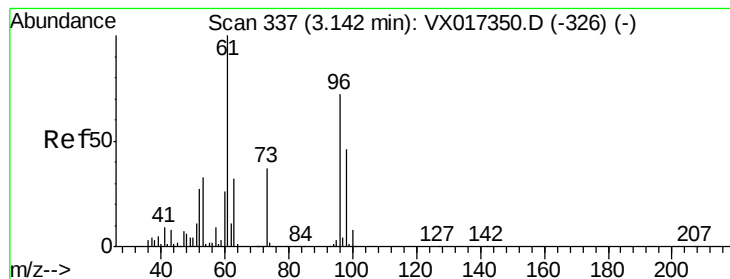
MMDadoda
7/14/2020 11:36:14 AM



#20
Methylene Chloride
Concen: 19.792 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.0	95.8	143.8
51	37.5	31.0	46.4
86	59.8	51.8	77.8





#21

trans-1,2-Dichloroethene

Concen: 20.346 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

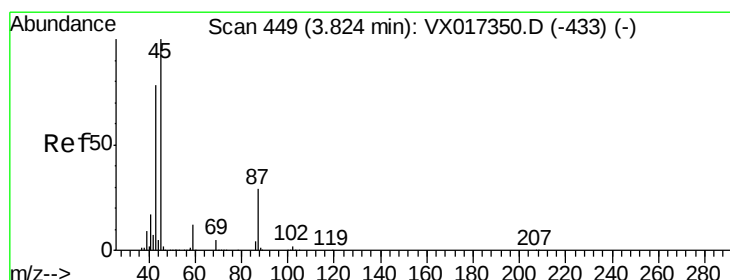
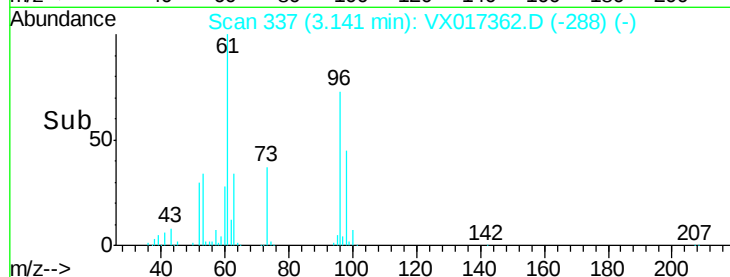
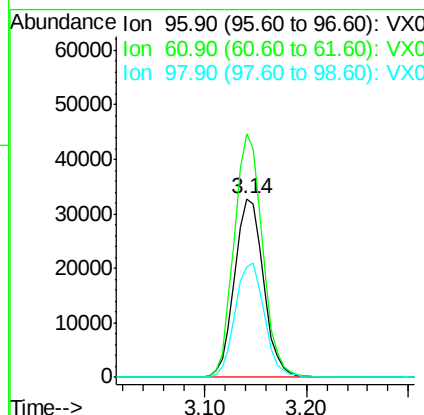
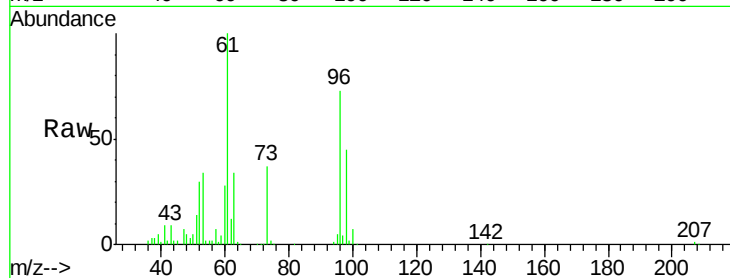
ClientSampleId :

VX0713WBSD01

Tot Ion:	96	Resp:	64575
Ion	Ratio	Lower	Upper
96	100		
61	136.0	111.1	166.7
98	61.9	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.337 ug/l

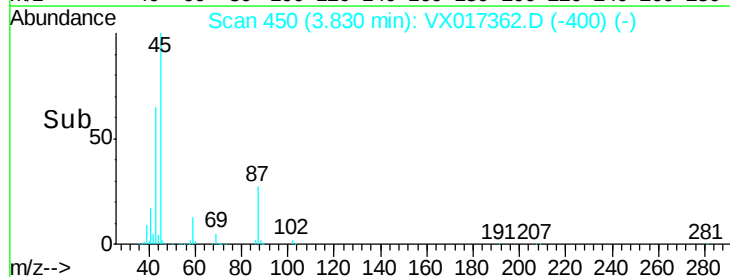
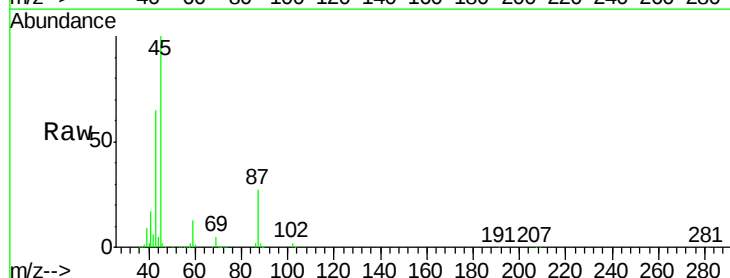
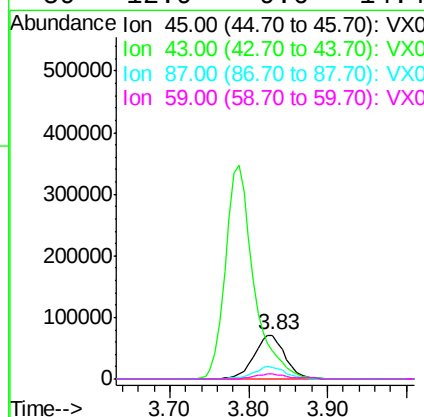
RT: 3.83 min Scan# 450

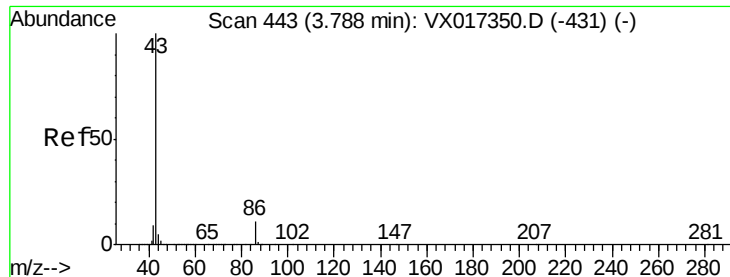
Delta R.T. 0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Tgt Ion:	45	Resp:	195365
Ion	Ratio	Lower	Upper
45	100		
43	65.3	62.2	93.2
87	27.3	23.0	34.6
59	12.9	9.6	14.4





#23

Vinyl Acetate

Concen: 107.763 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

Tot Ion: 43 Resp: 867746

Ion Ratio Lower Upper

43 100

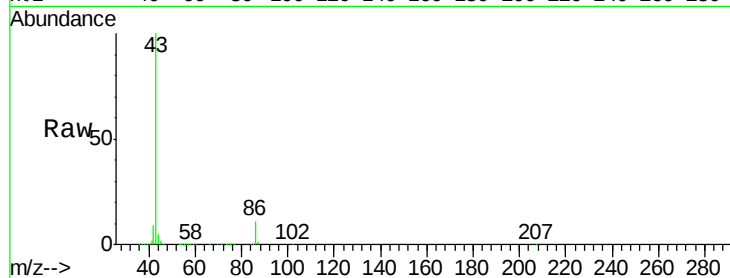
86 11.2 9.0 13.4

Manual Integrations

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MMDadoda

7/14/2020 11:36:14 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

400000

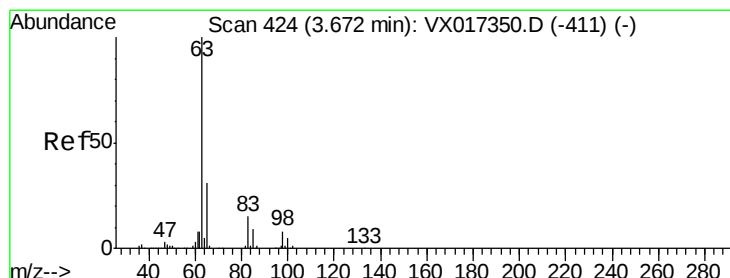
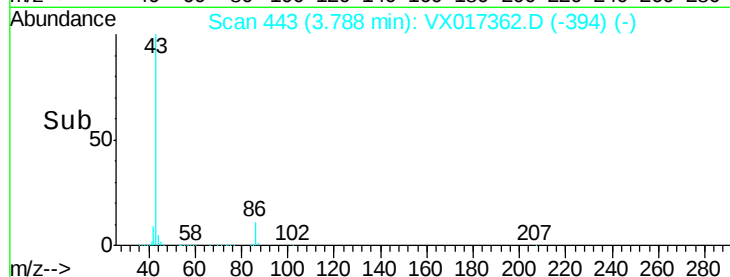
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.107 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

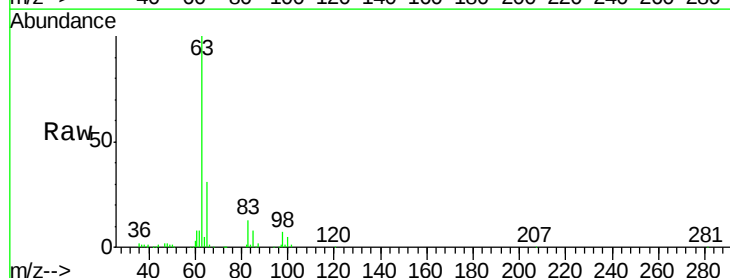
Tgt Ion: 63 Resp: 113574

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 5.2 2.5 7.5



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

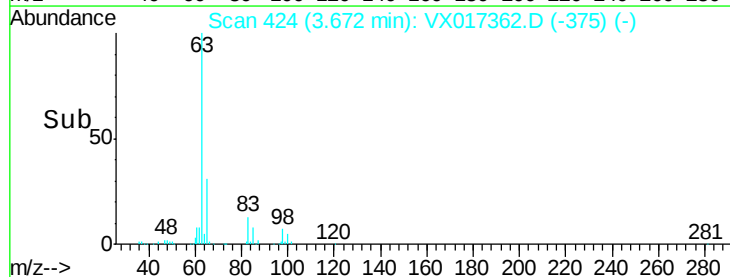
60000

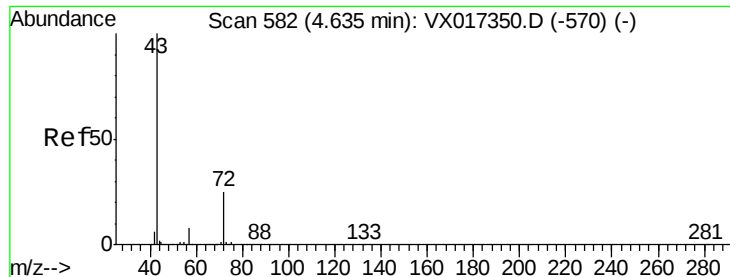
40000

20000

0

Time-->





#25

2-Butanone

Concen: 107.709 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

Tot Ion: 43 Resp: 233495

Ion Ratio Lower Upper

43 100

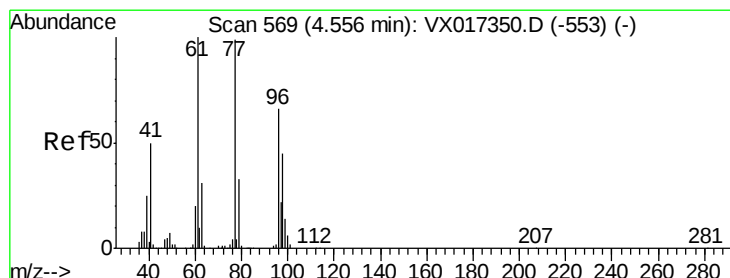
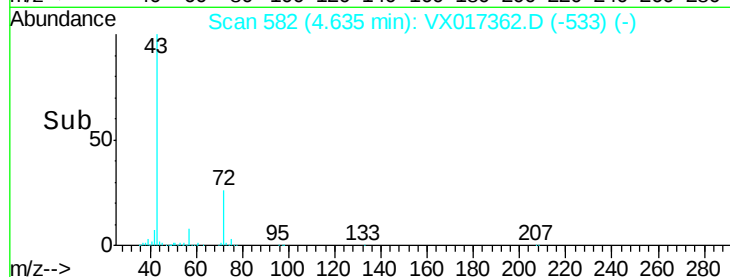
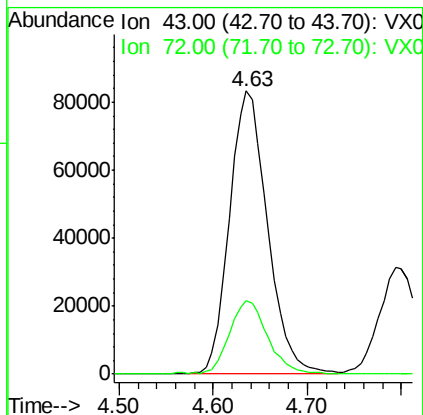
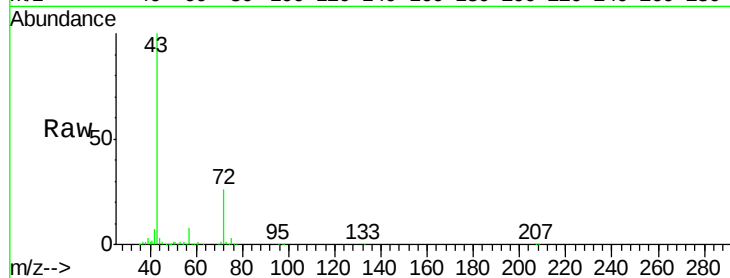
72 25.8 20.4 30.6

Manual Integrations

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MMDadoda

7/14/2020 11:36:14 AM



#26

2,2-Dichloropropane

Concen: 18.682 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX017362.D

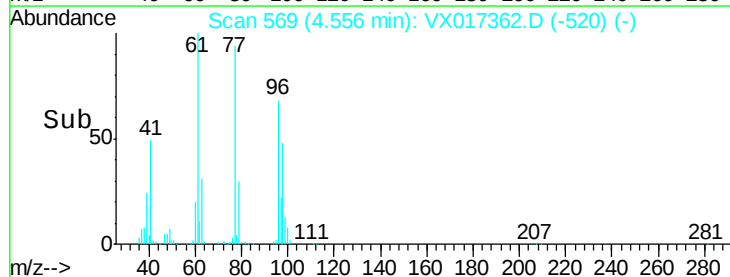
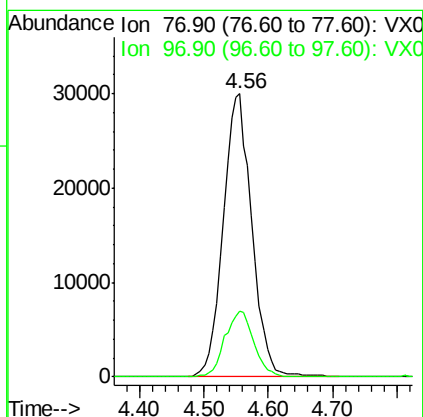
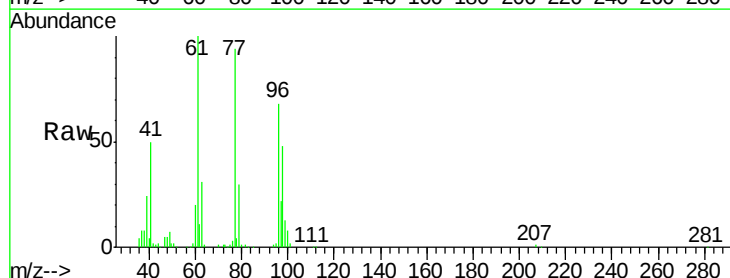
Acq: 13 Jul 2020 18:44

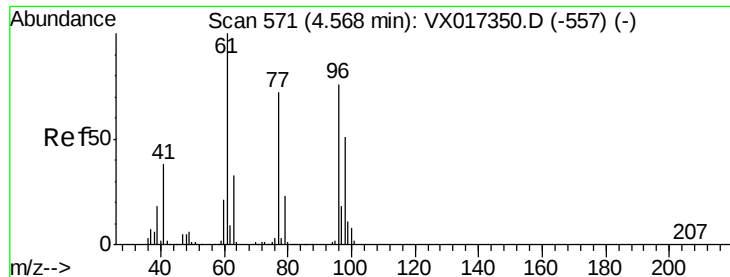
Tgt Ion: 77 Resp: 93557

Ion Ratio Lower Upper

77 100

97 23.5 11.1 33.3





#27

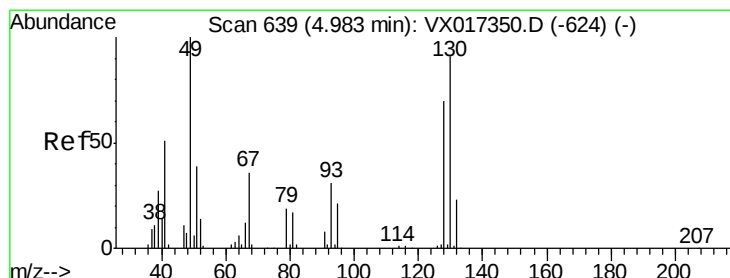
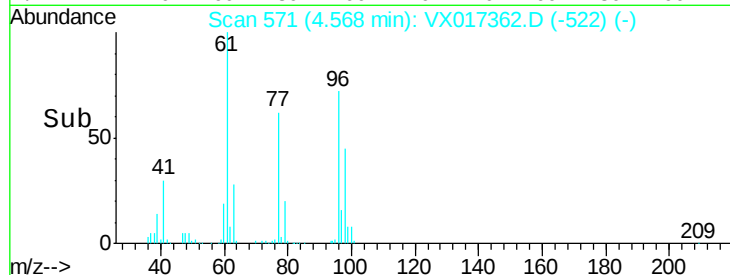
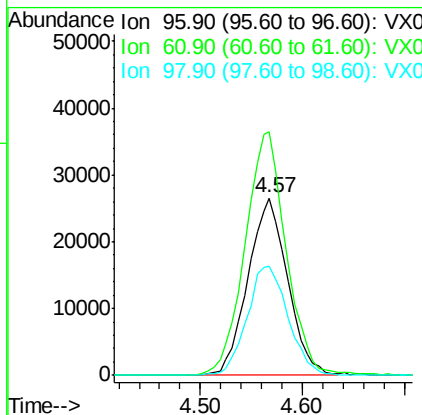
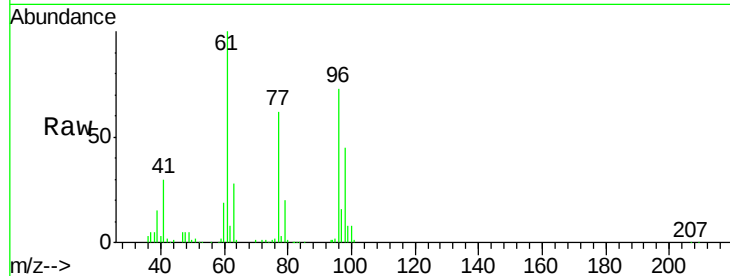
cis-1,2-Dichloroethene
Concen: 20.585 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	281.2
98	63.9	0.0	131.4

Manual Integrations
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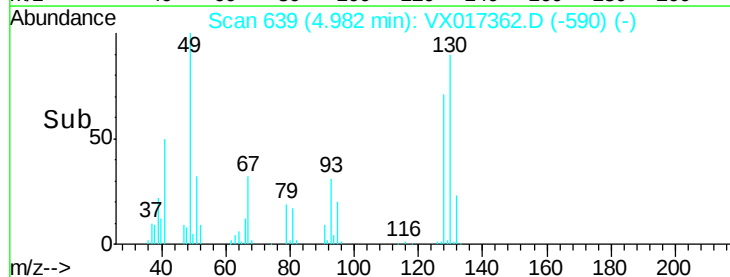
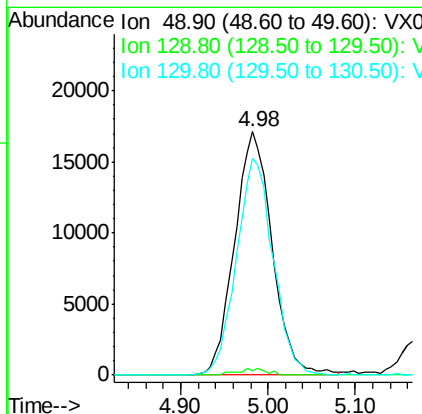
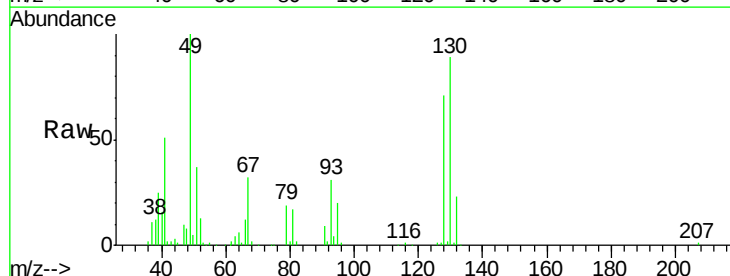
MMDadoda
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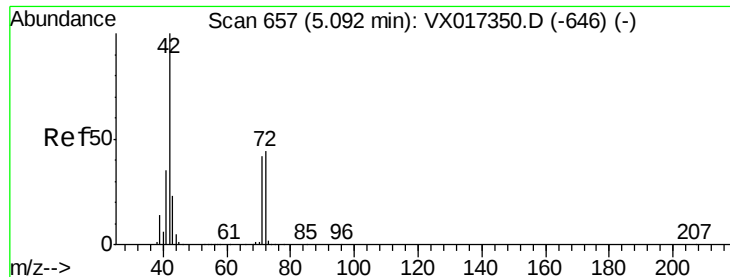


#28

Bromochloromethane
Concen: 20.517 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.8
130	87.1	71.1	106.7





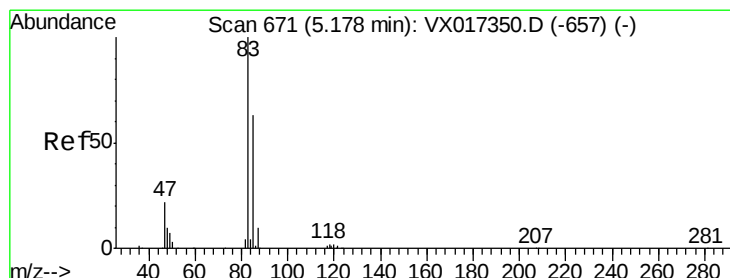
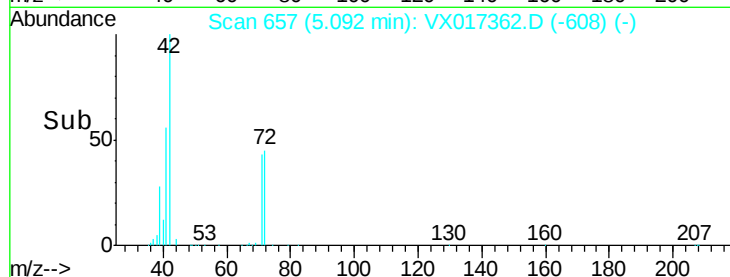
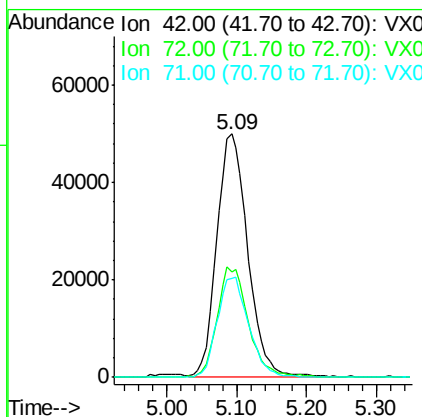
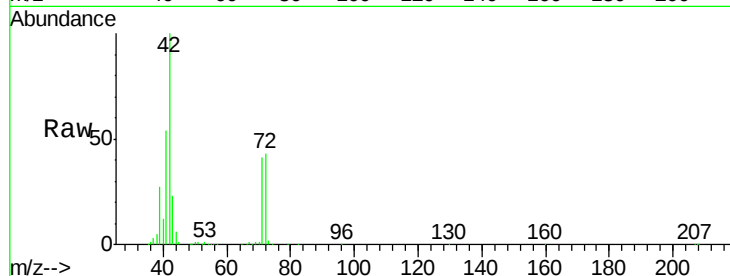
#29
Tetrahydrofuran
Concen: 108.930 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	37.2	55.8
71	42.1	34.4	51.6

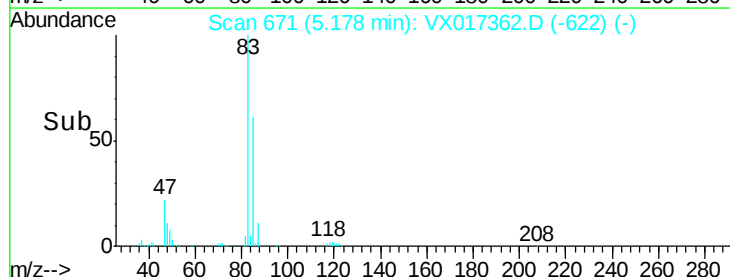
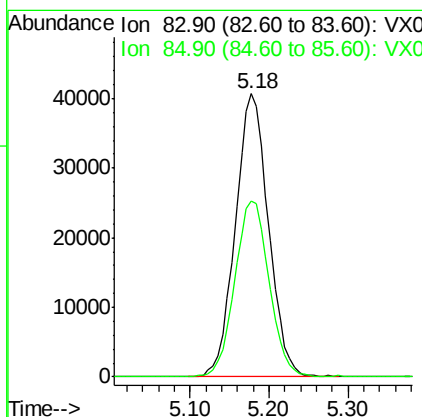
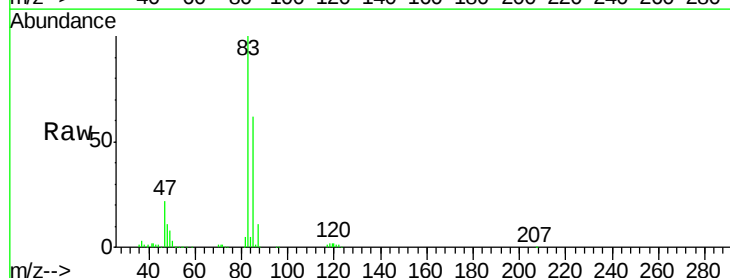
Manual Integrations
APPROVED

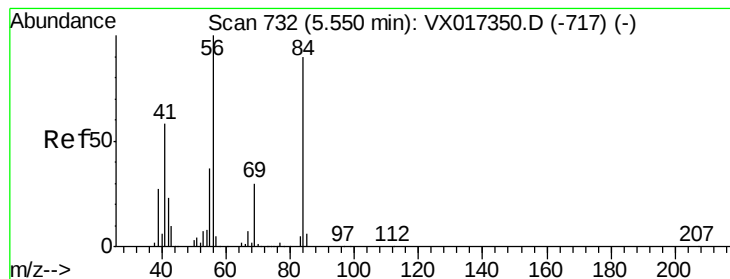
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#30
Chloroform
Concen: 20.477 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.2	75.4





#31

Cvclohexane

Concen: 21.990 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

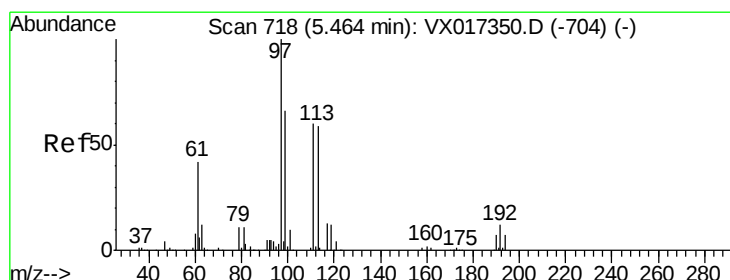
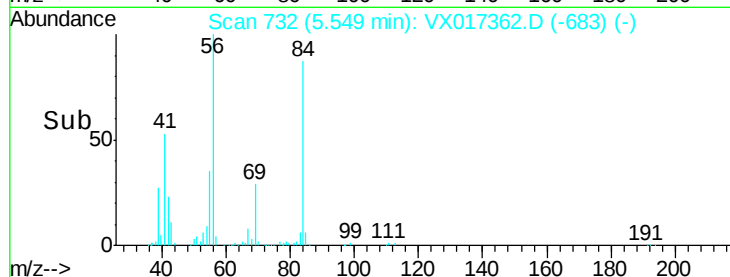
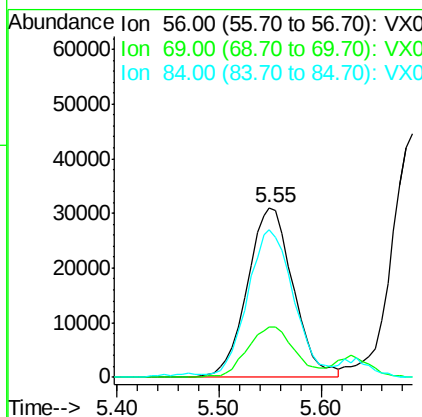
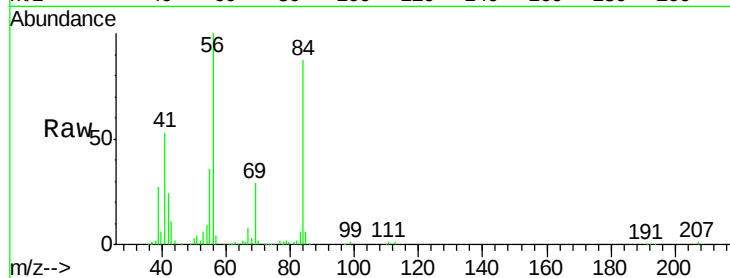
ClientSampleId :

VX0713WBSD01

Tot Ion:	56	Resp:	96867
Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.7	35.5
84	84.3	71.8	107.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.600 ug/l

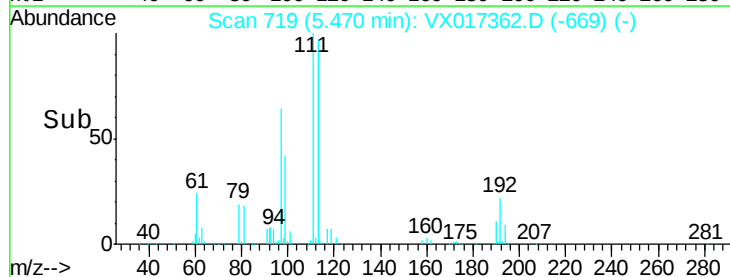
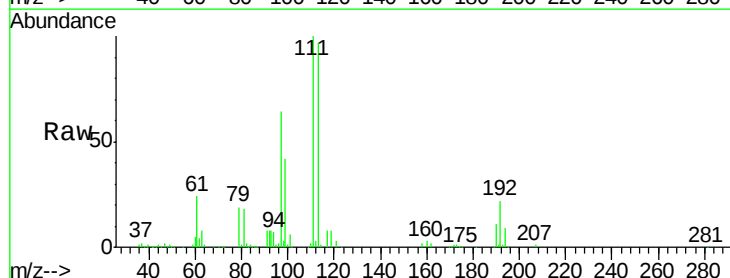
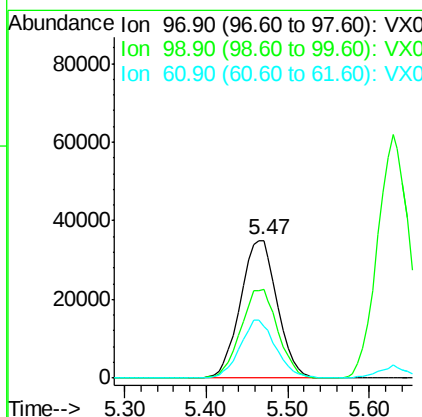
RT: 5.47 min Scan# 719

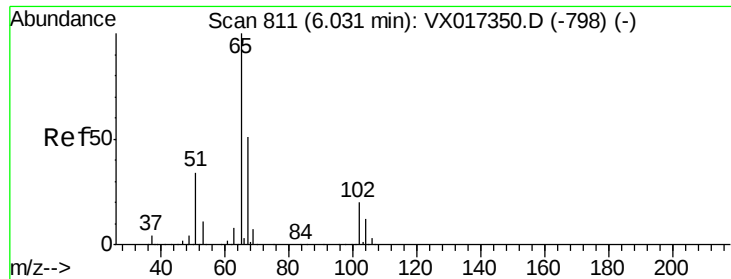
Delta R.T. 0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Tgt Ion:	97	Resp:	110250
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.2	76.8
61	40.7	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 49.349 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

Tot Ion: 65 Resp: 188798

Ion Ratio Lower Upper

65 100

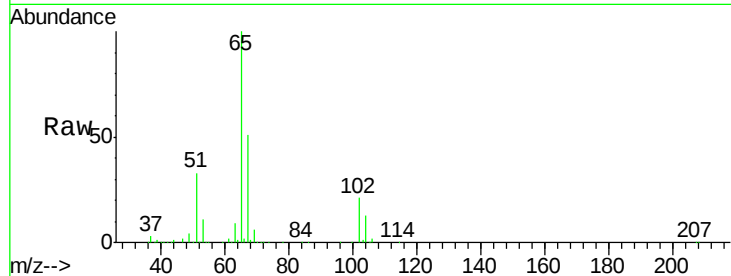
67 52.2 0.0 101.6

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

80000

60000

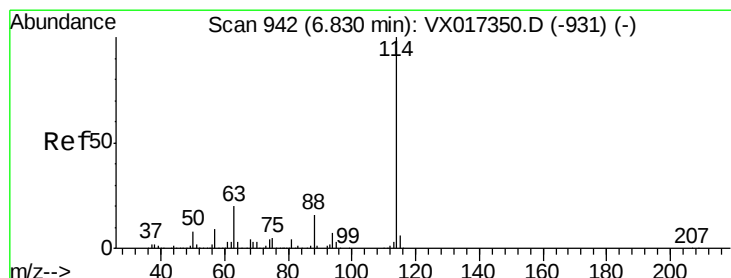
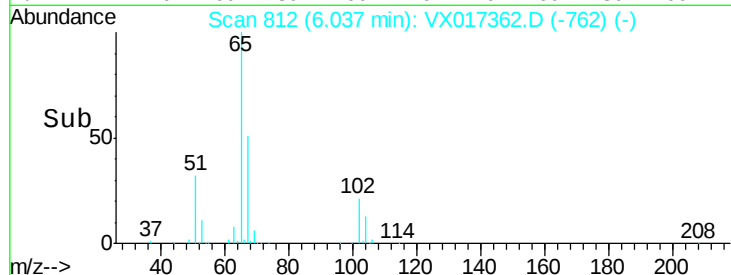
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

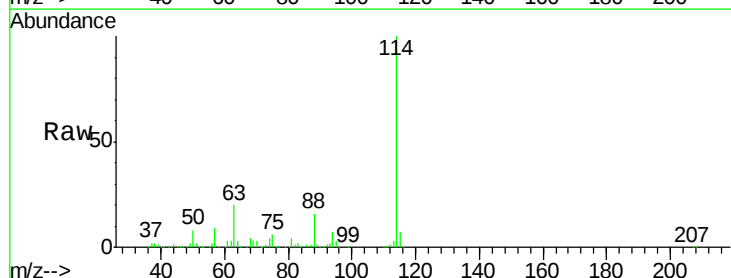
Tgt Ion: 114 Resp: 473231

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

88 15.6 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

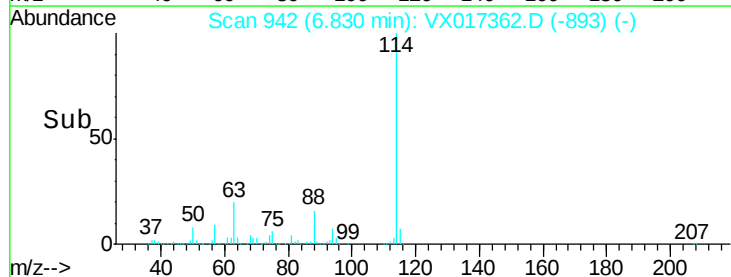
100000

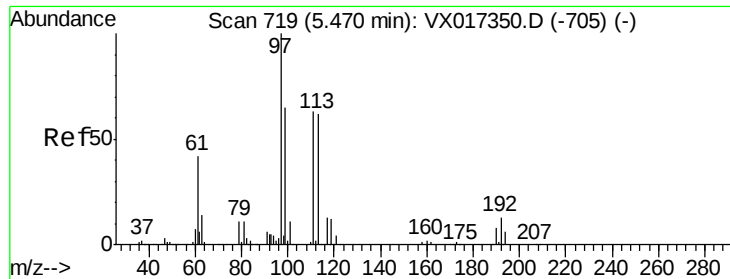
50000

0

Time-->

6.70 6.80 6.90 7.00





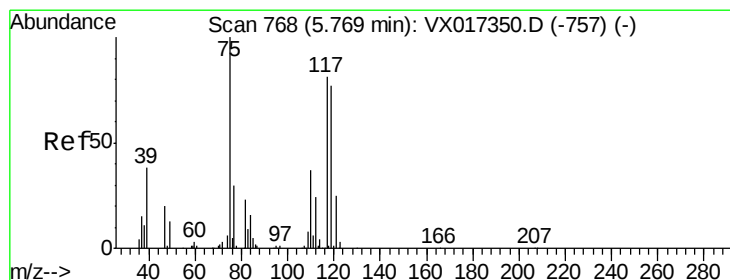
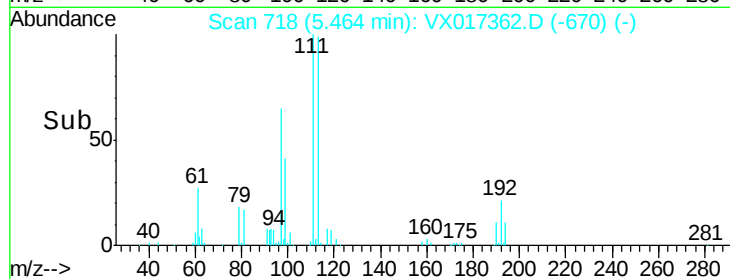
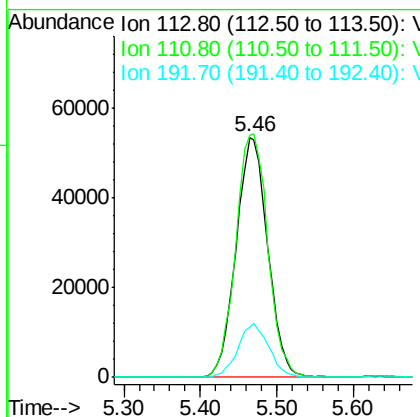
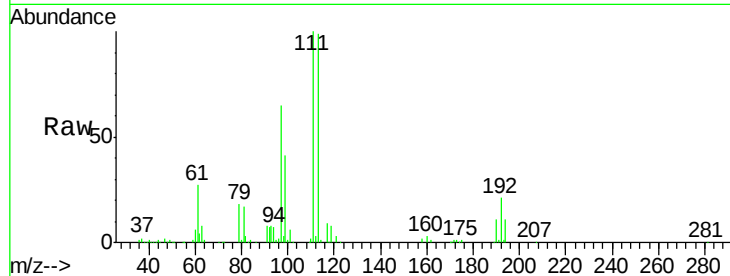
#35
 Dibromofluoromethane
 Concen: 48.222 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	21.9	17.2	25.8

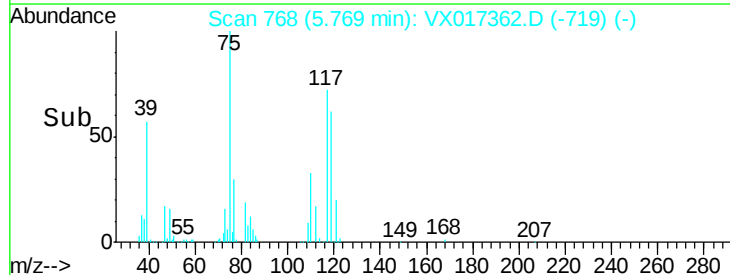
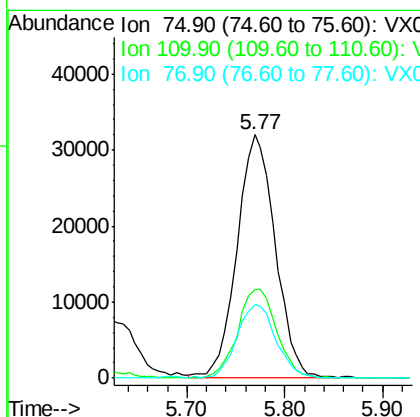
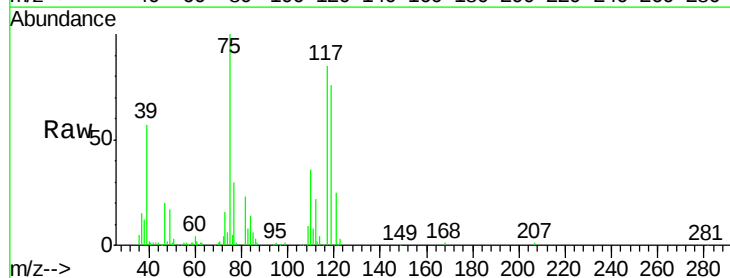
Manual Integrations
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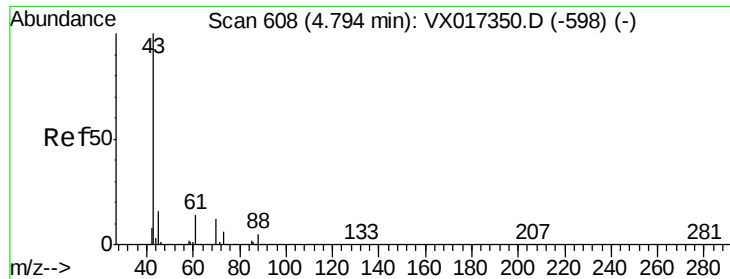
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#36
 1,1-Dichloropropene
 Concen: 19.793 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.6	55.8
77	31.3	24.9	37.3





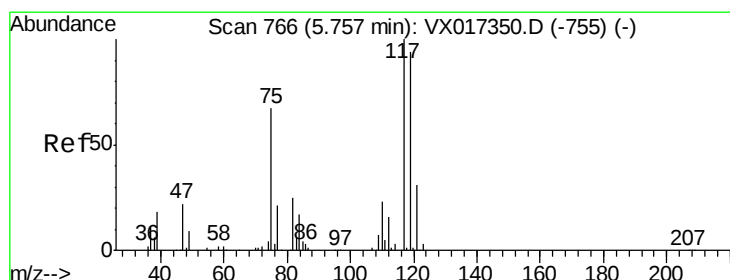
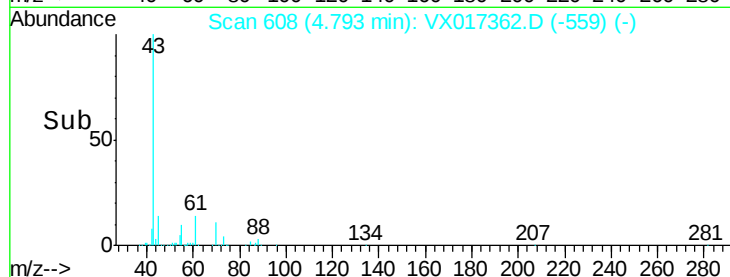
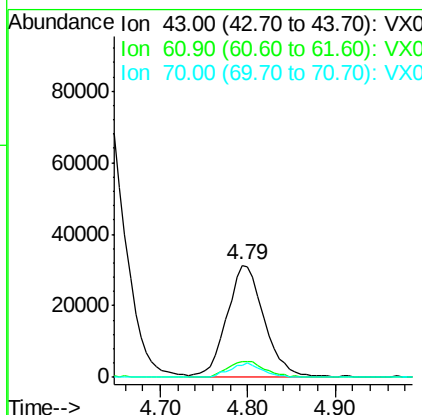
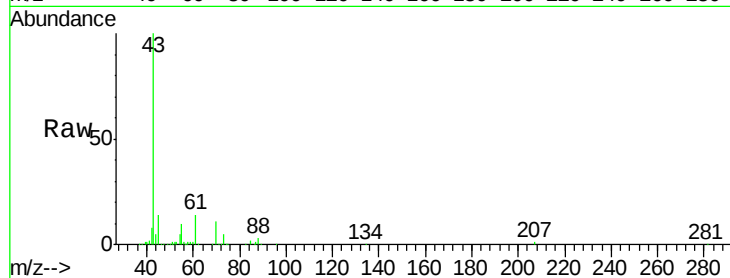
#37
Ethyl Acetate
Concen: 20.253 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion	43	Resp	91172
Ion Ratio	100	Lower	Upper
43	100		
61	14.6	10.7	16.1
70	11.7	9.0	13.6

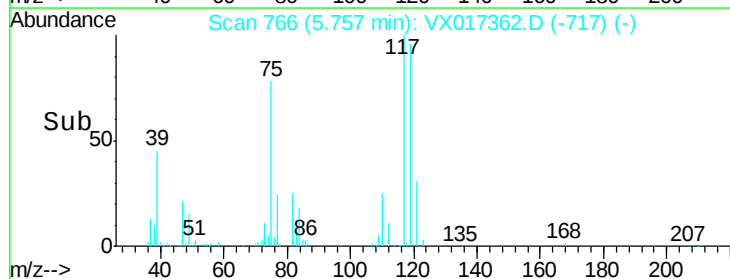
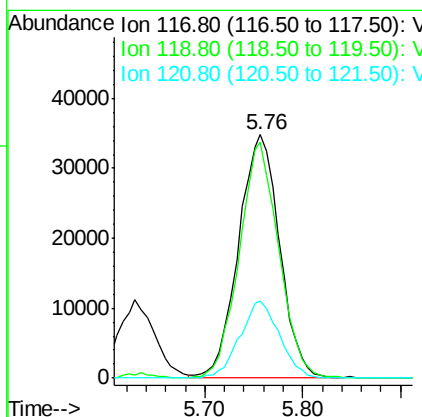
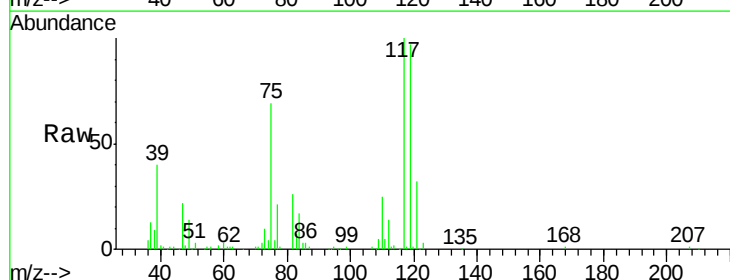
Manual Integrations
APPROVED

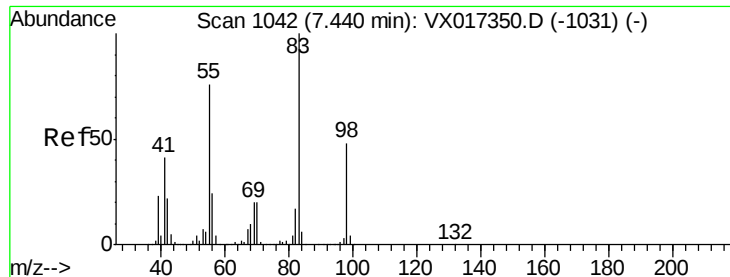
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#38
Carbon Tetrachloride
Concen: 19.851 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion	117	Resp	101169
Ion Ratio	100	Lower	Upper
117	100		
119	97.1	74.7	112.1
121	31.7	24.5	36.7





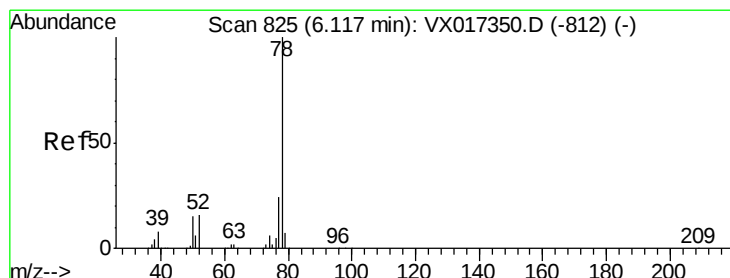
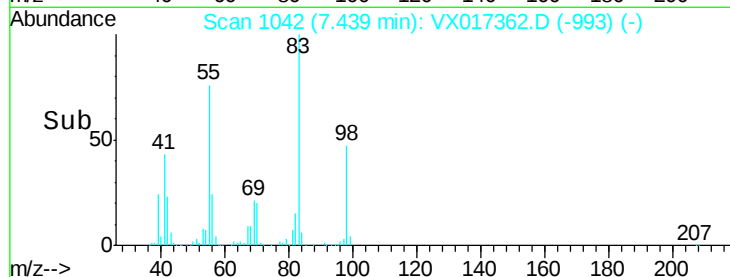
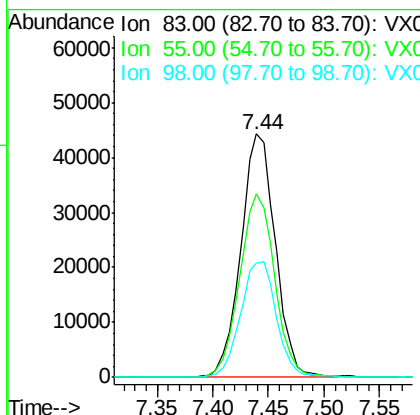
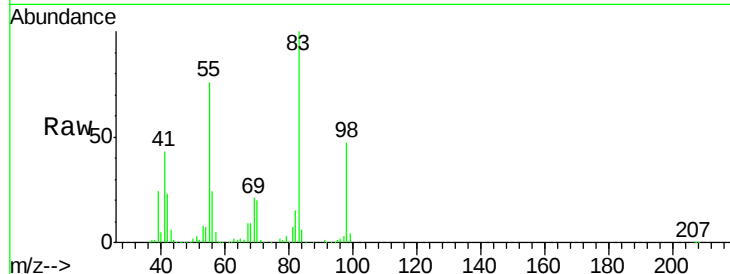
#39
Methvlcvclohexane
Concen: 20.220 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	61.2	91.8
98	47.0	38.1	57.1

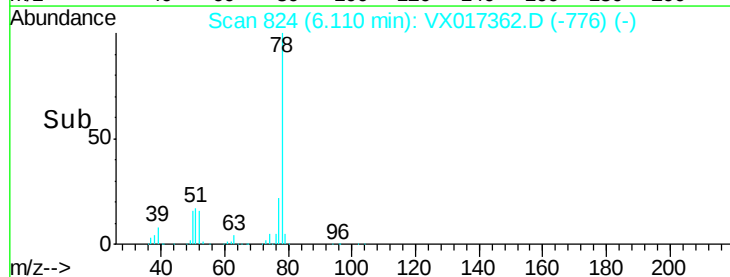
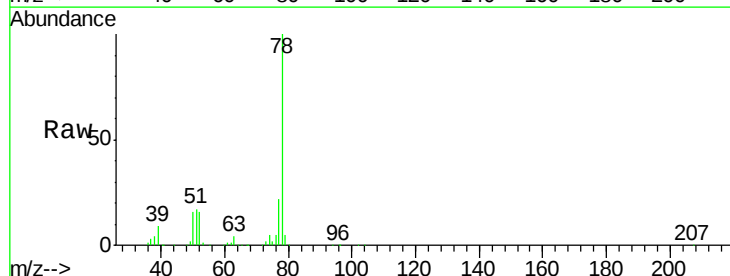
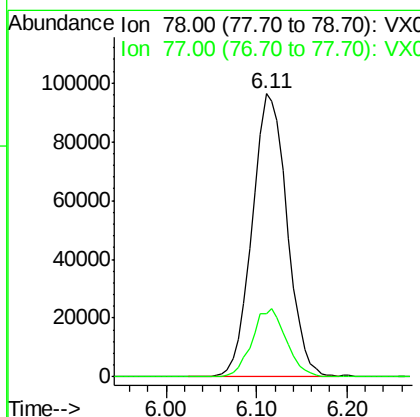
Manual Integrations
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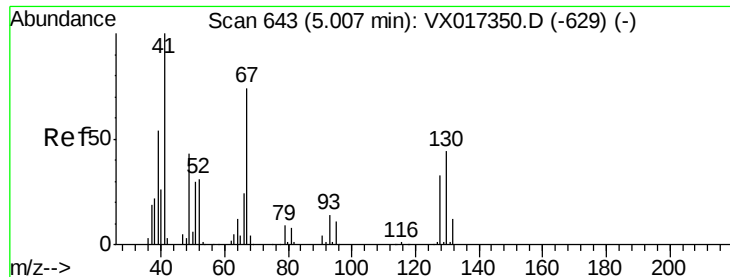
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#40
Benzene
Concen: 20.436 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.9	28.3





#41

Methacrylonitrile

Concen: 21.484 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

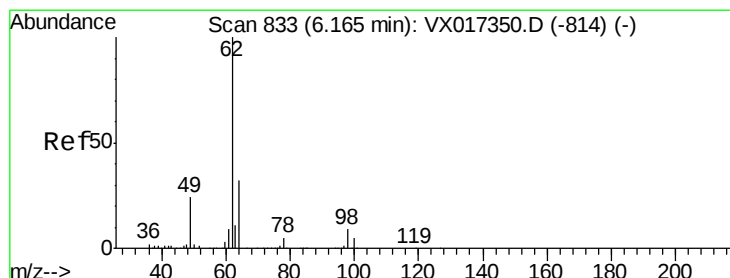
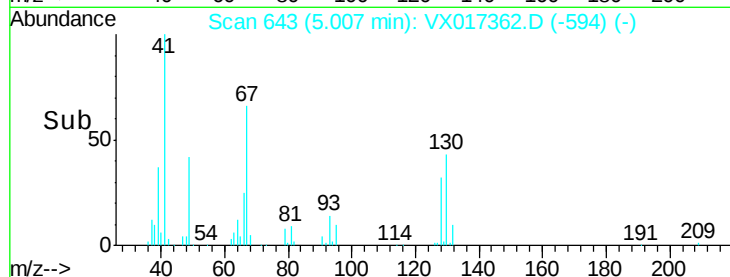
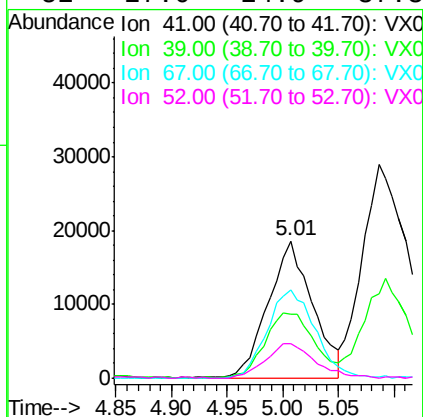
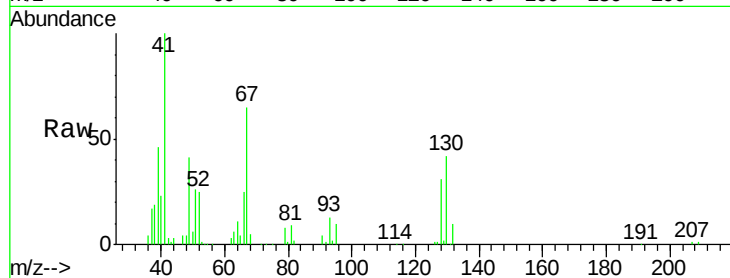
ClientSampleId :

VX0713WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	43.8	65.8	
67	69.5	58.7	88.1	
52	27.0	24.9	37.3	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.017 ug/l

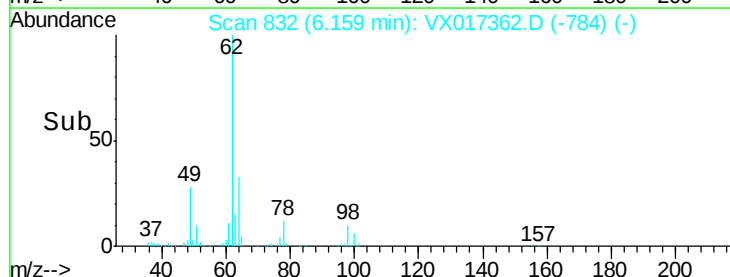
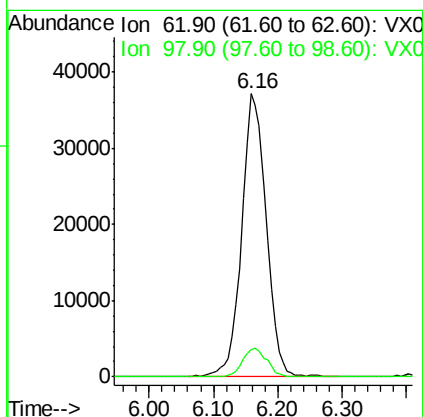
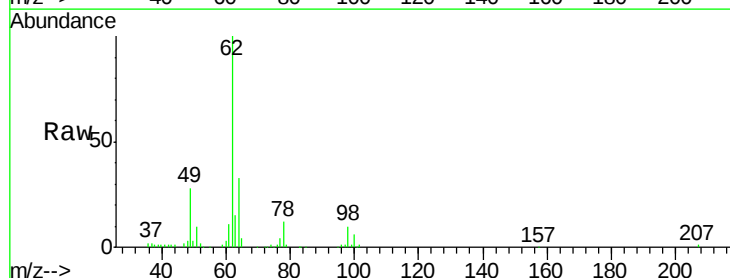
RT: 6.16 min Scan# 832

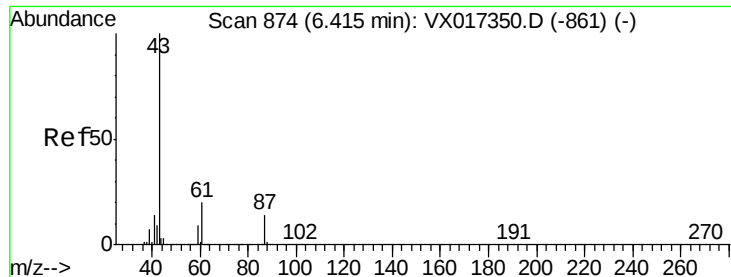
Delta R.T. -0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	19.4	





#43

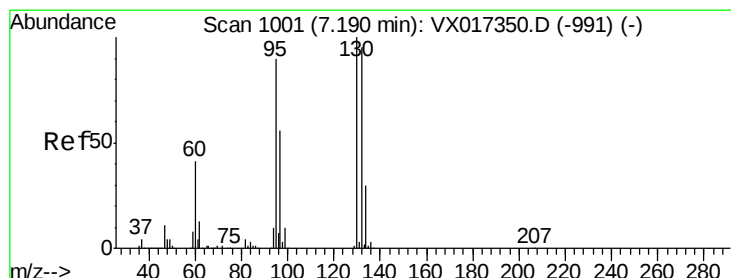
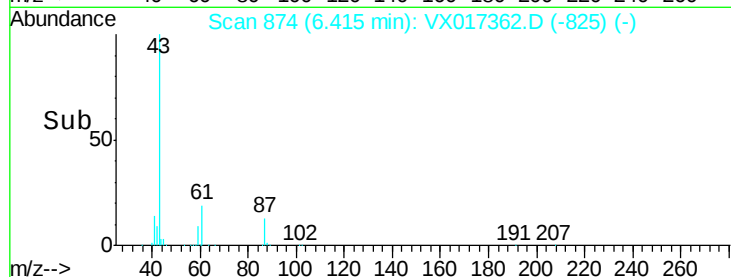
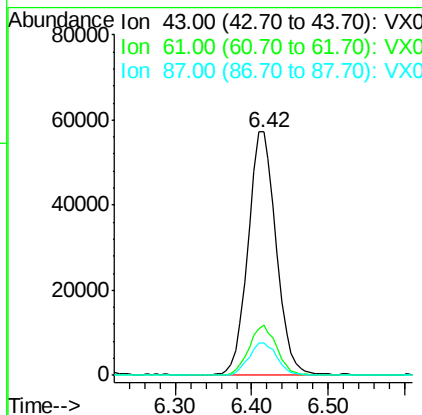
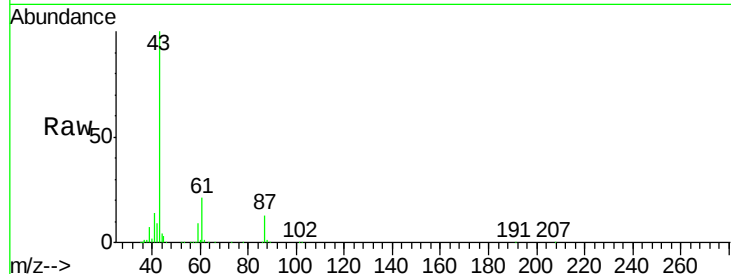
Isopropyl Acetate
 Concen: 20.465 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.4	24.6
87	13.5	11.2	16.8

Manual Integrations
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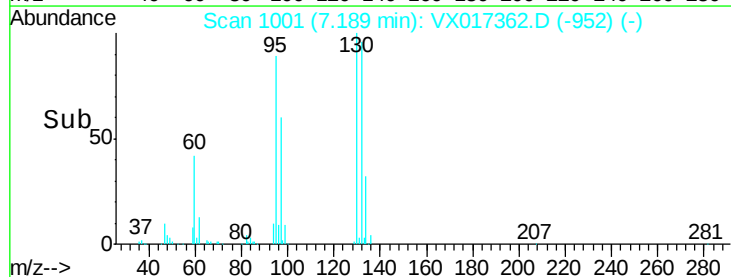
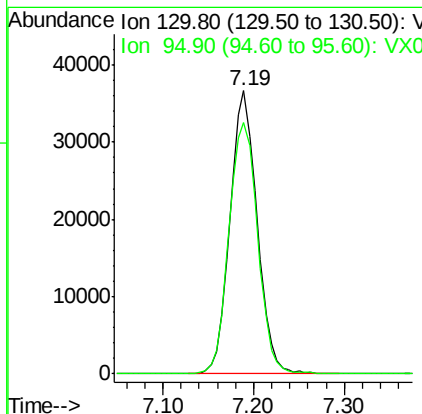
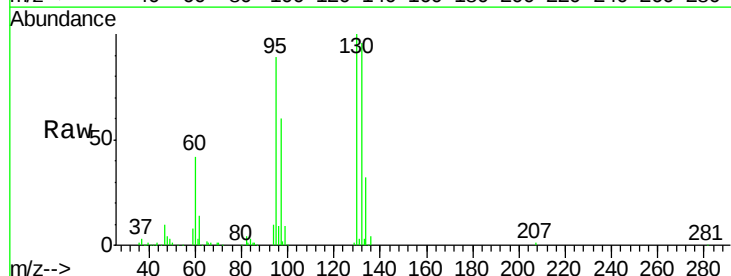
MMDadoda
 7/14/2020 11:36:14 AM

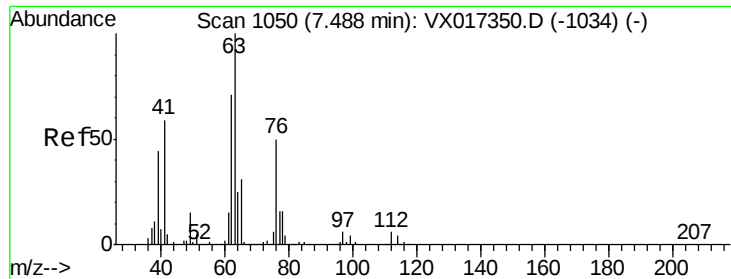


#44

Trichloroethene
 Concen: 19.910 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	180.2





#45

1,2-Dichloropropane

Concen: 21.018 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

Tot Ion: 63 Resp: 67276

Ion Ratio Lower Upper

63 100

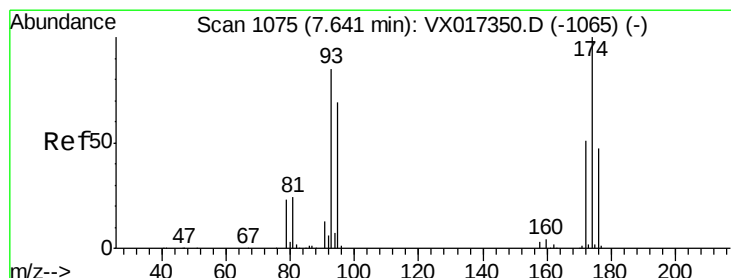
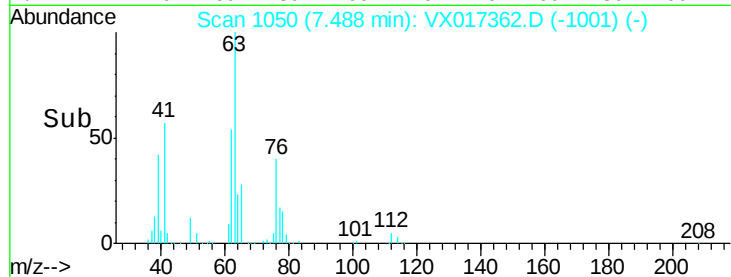
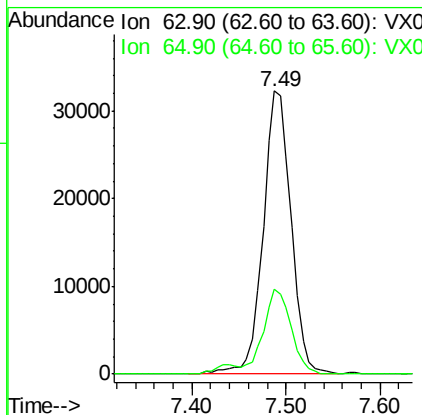
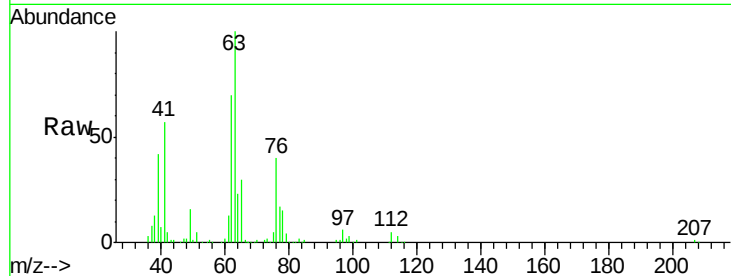
65 30.1 24.5 36.7

Manual Integrations

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#46

Dibromomethane

Concen: 20.484 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

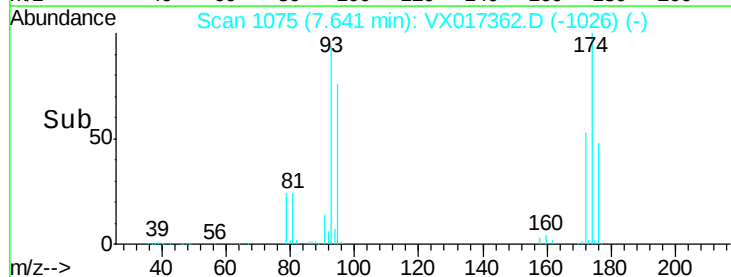
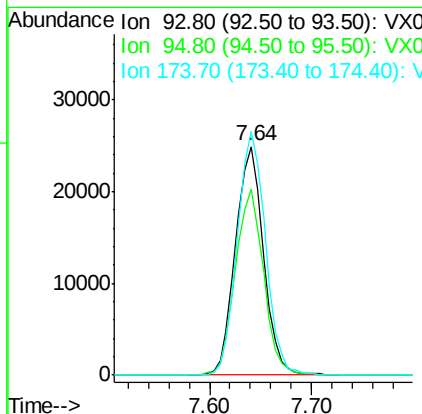
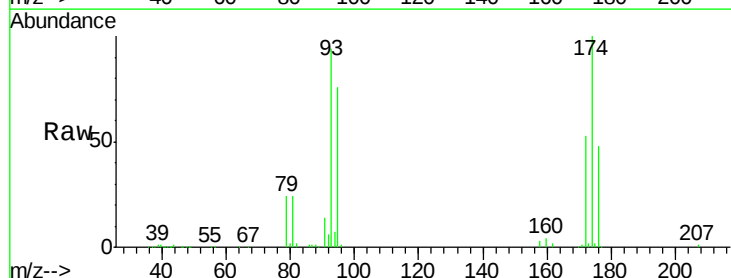
Tgt Ion: 93 Resp: 47288

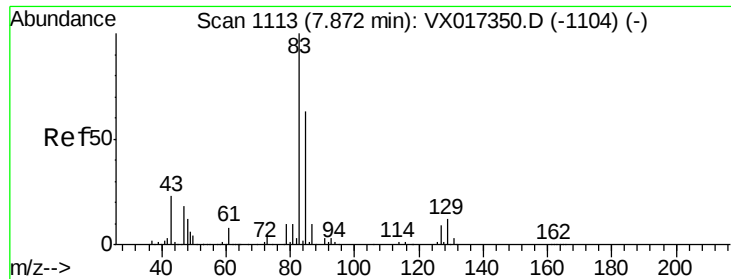
Ion Ratio Lower Upper

93 100

95 82.2 65.4 98.2

174 107.8 91.2 136.8





#47

Bromodichloromethane

Concen: 19.949 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

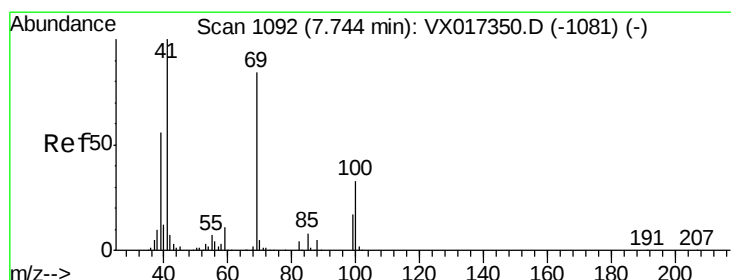
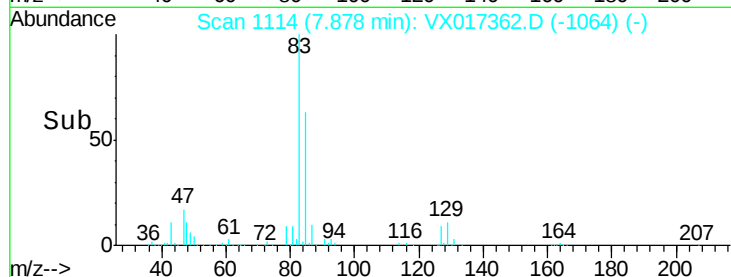
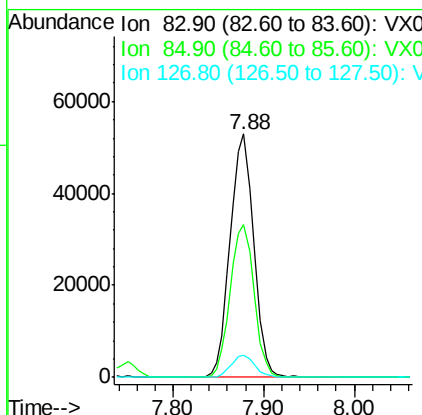
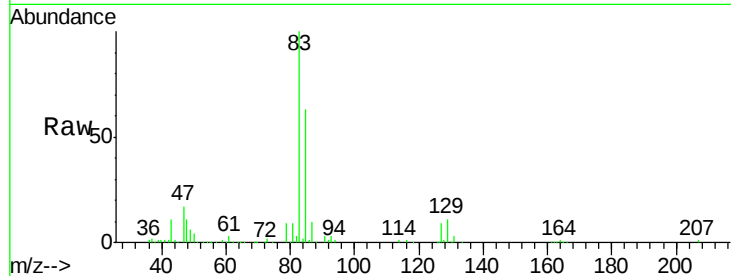
ClientSampleId :

VX0713WBSD01

Tot Ion:	83	Resp:	96280
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.2	75.4
127	9.3	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.824 ug/l

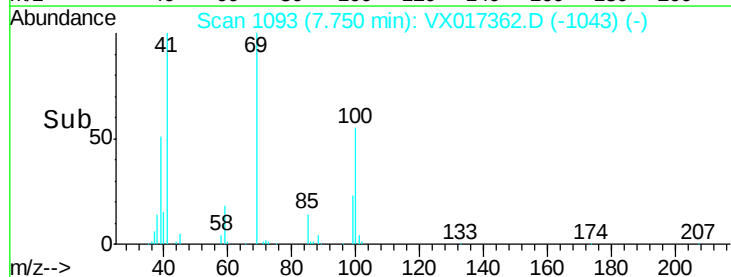
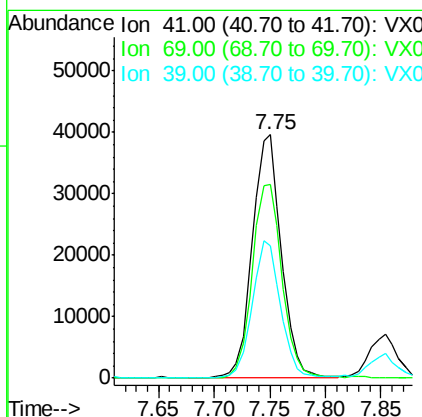
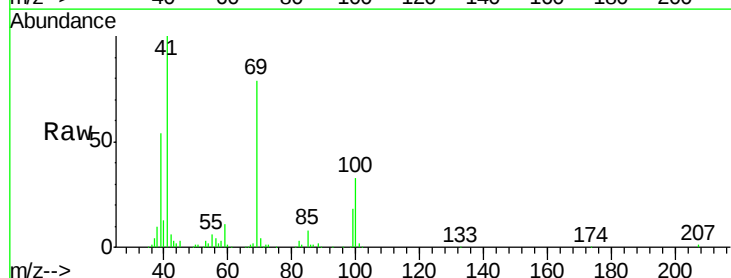
RT: 7.75 min Scan# 1093

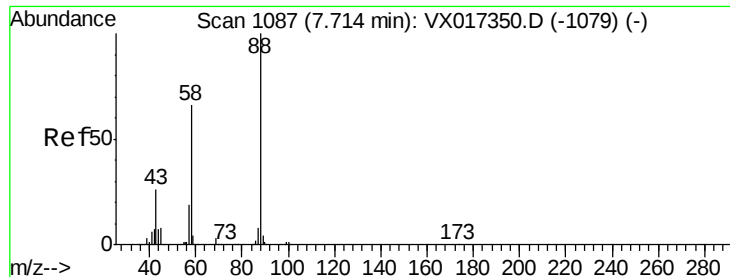
Delta R.T. 0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Tgt Ion:	41	Resp:	71880
Ion	Ratio	Lower	Upper
41	100		
69	82.1	67.8	101.6
39	55.6	45.1	67.7





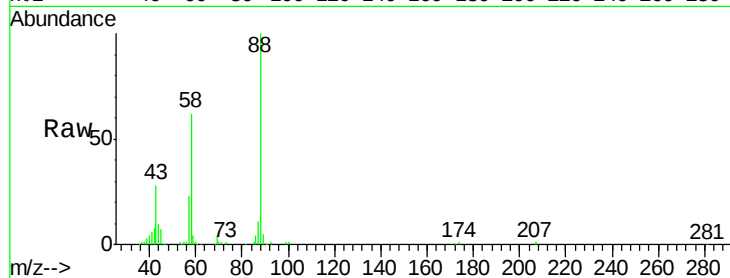
#49
1,4-Dioxane
Concen: 416.077 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	25.6	38.4
58	67.9	53.9	80.9

Manual Integrations
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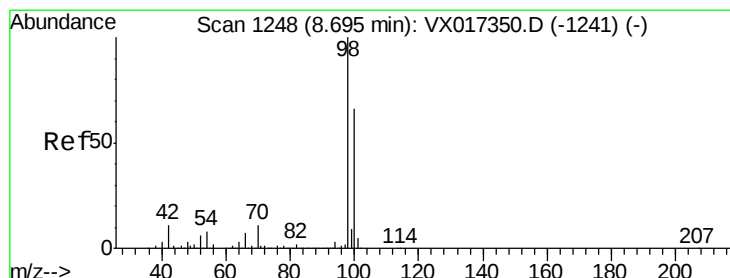
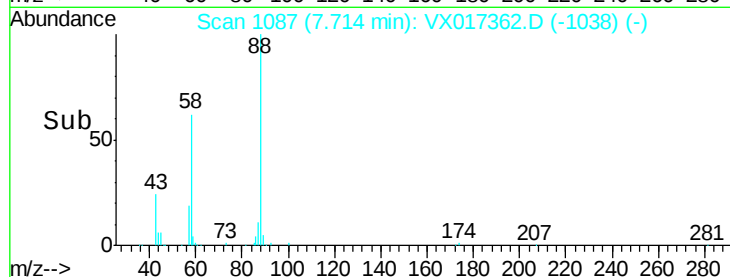
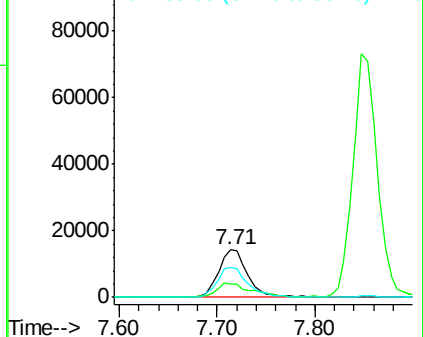


Abundance

Ion 88.00 (87.70 to 88.70): VX0

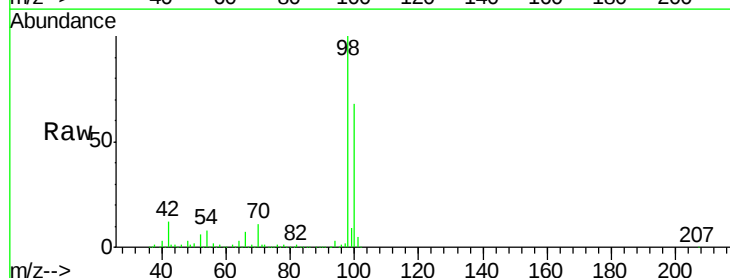
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.933 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

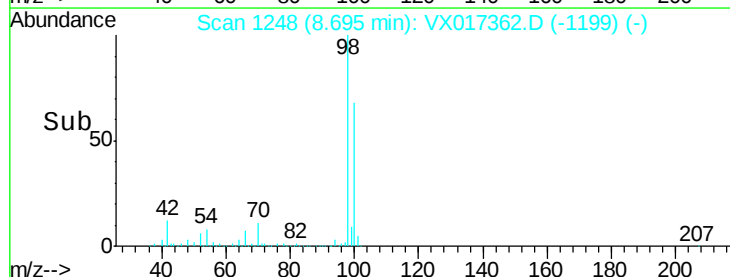
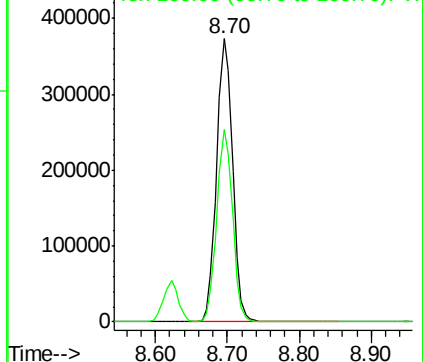
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.4	80.2

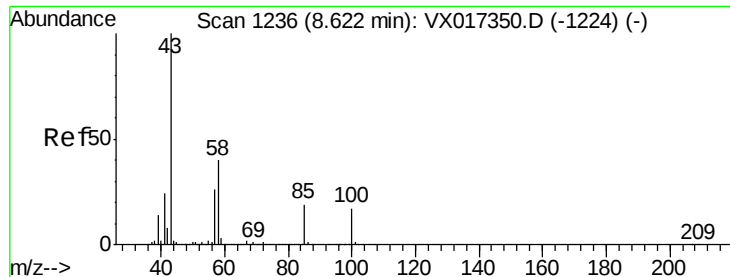


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 106.776 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

Tot Ion: 43 Resp: 468321

Ion Ratio Lower Upper

43 100

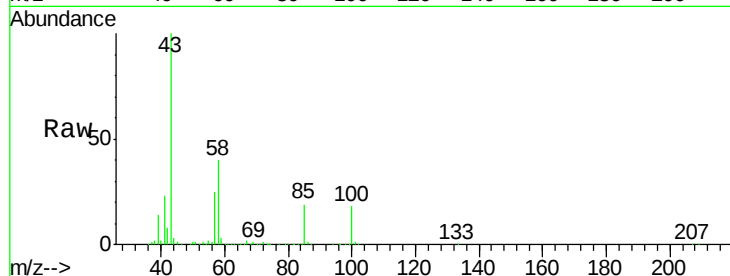
58 40.0 32.2 48.2

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

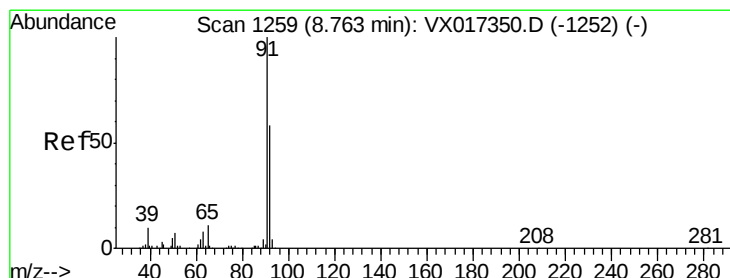
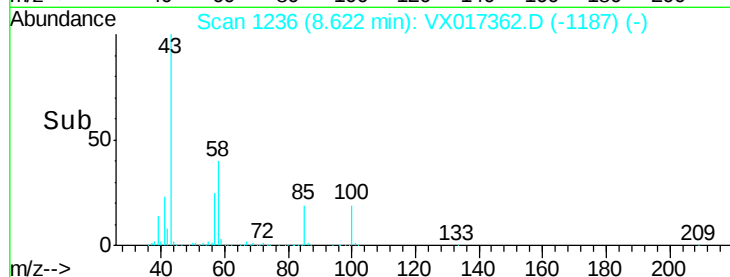
300000

200000

100000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 20.625 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017362.D

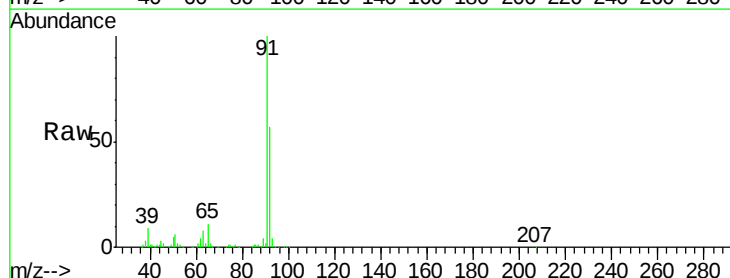
Acq: 13 Jul 2020 18:44

Tgt Ion: 92 Resp: 165569

Ion Ratio Lower Upper

92 100

91 170.2 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

200000

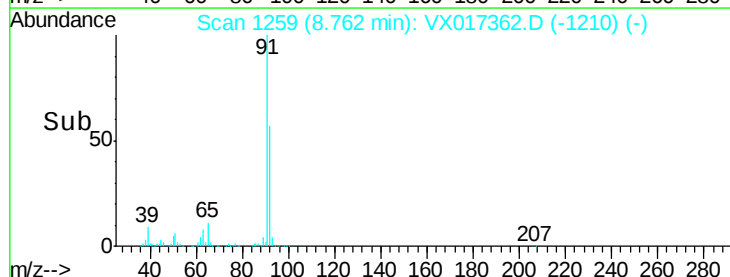
150000

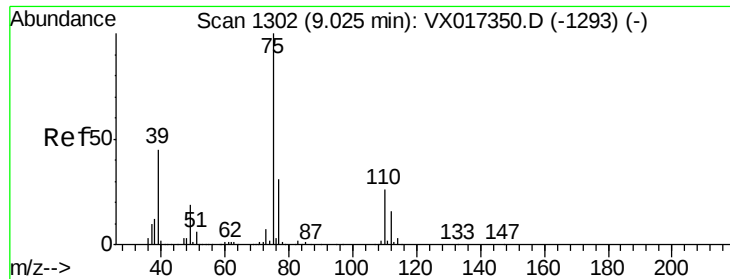
100000

50000

0

Time--> 8.70 8.75 8.80 8.85





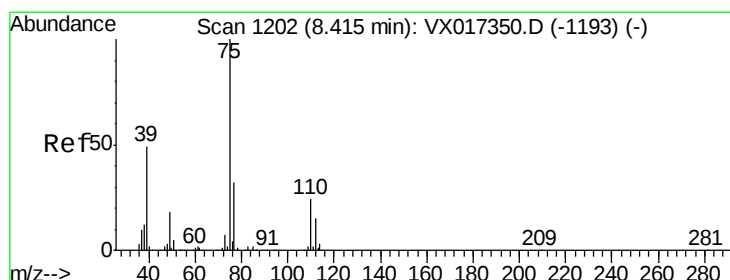
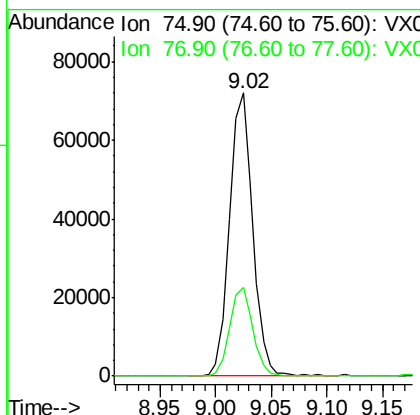
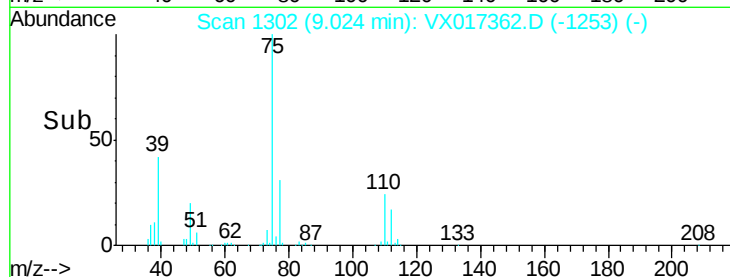
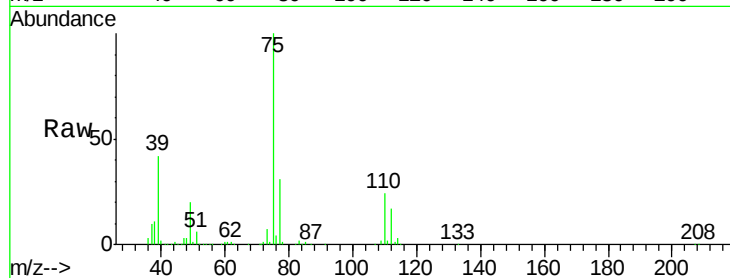
#53
t-1,3-Dichloropropene
Concen: 19.970 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion: 75 Resp: 103832
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6

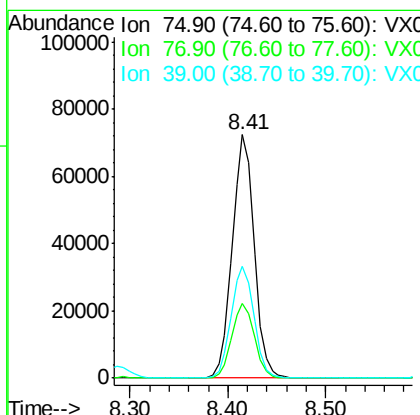
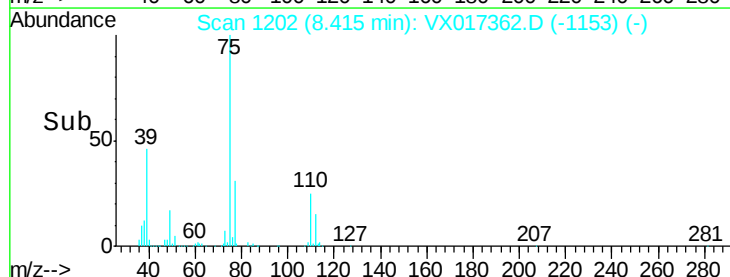
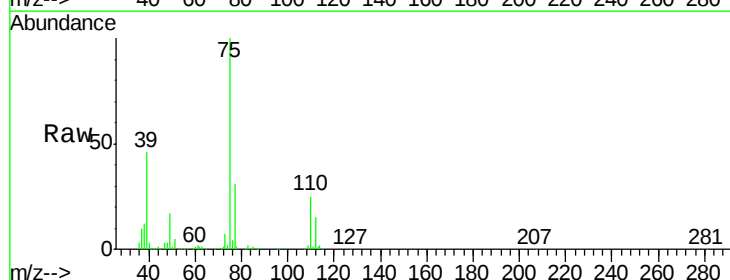
Manual Integrations
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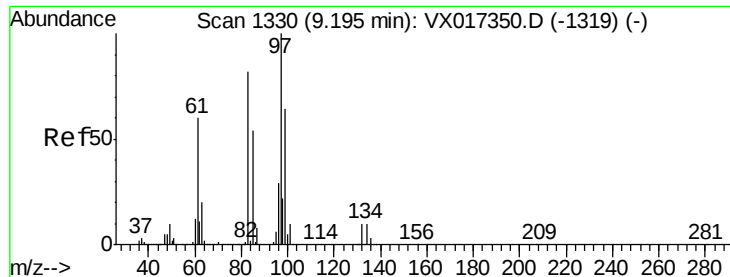
MMDadoda
7/14/2020 11:36:14 AM



#54
cis-1,3-Dichloropropene
Concen: 20.416 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion: 75 Resp: 113218
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 45.8 38.9 58.3





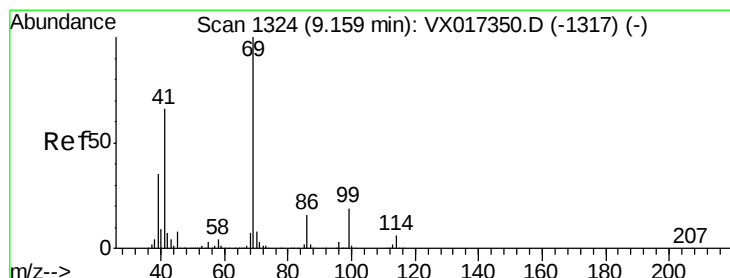
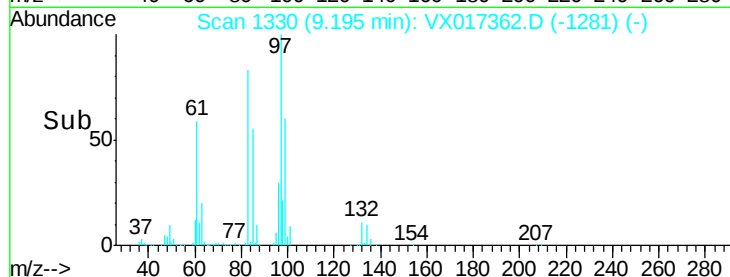
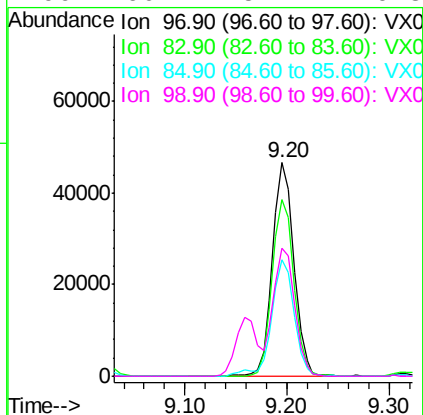
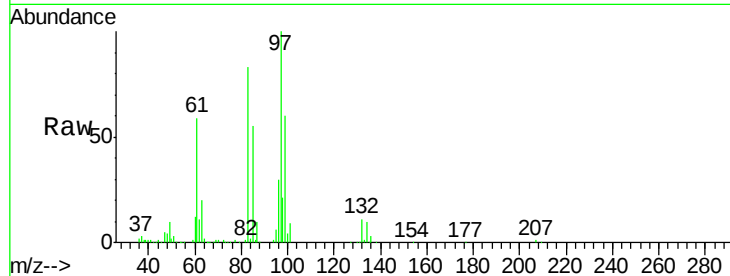
#55
 1,1,2-Trichloroethane
 Concen: 20.260 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

Tot Ion	97	Resp	67819
Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.8	98.6
85	54.6	42.8	64.2
99	60.1	51.2	76.8

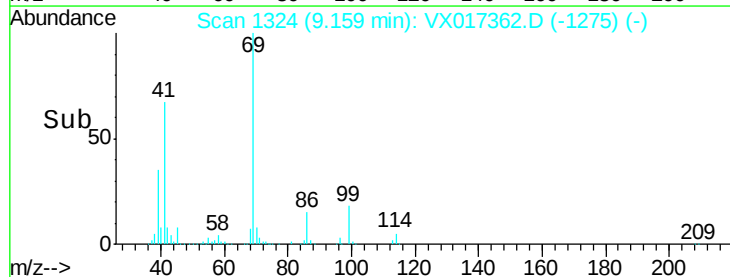
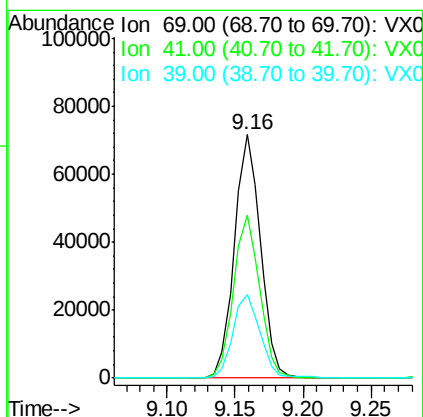
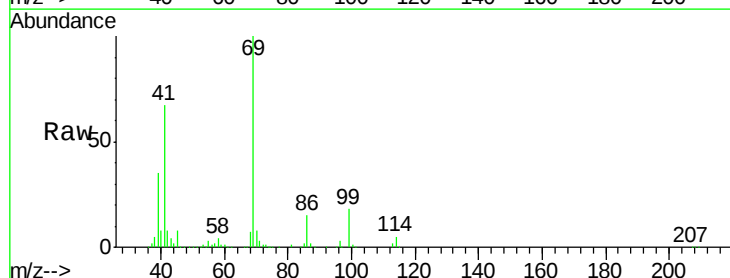
Manual Integrations
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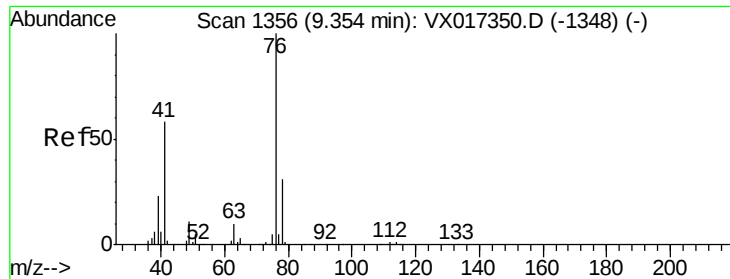
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#56
 Ethyl methacrylate
 Concen: 20.190 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion	69	Resp	95956
Ion	Ratio	Lower	Upper
69	100		
41	66.6	52.6	78.8
39	35.5	28.8	43.2





#57

1,3-Dichloropropane

Concen: 20.222 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

Tot Ion: 76 Resp: 112604

Ion Ratio Lower Upper

76 100

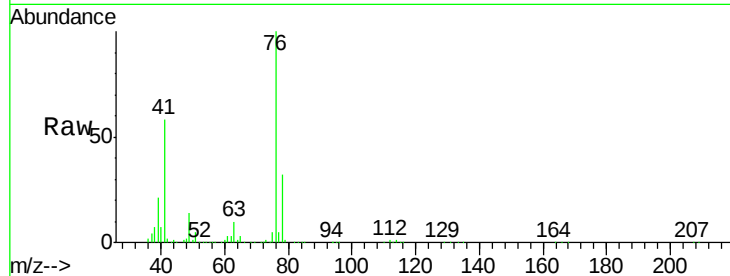
78 32.5 25.8 38.6

Manual Integrations

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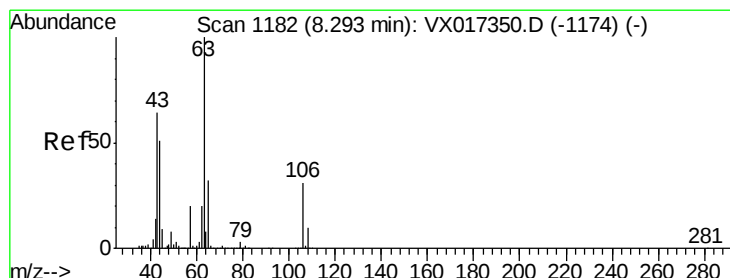
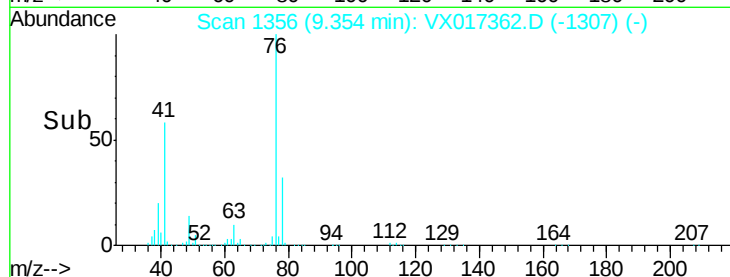
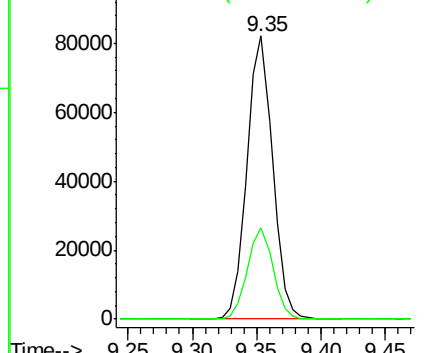
MMDadoda

7/14/2020 11:36:14 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 103.610 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017362.D

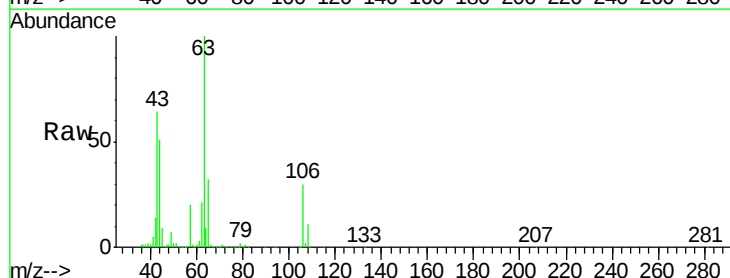
Acq: 13 Jul 2020 18:44

Tgt Ion: 63 Resp: 250023

Ion Ratio Lower Upper

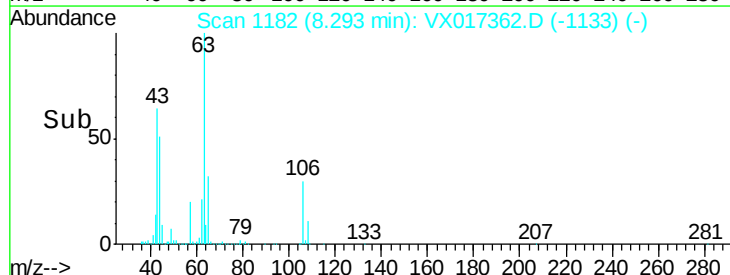
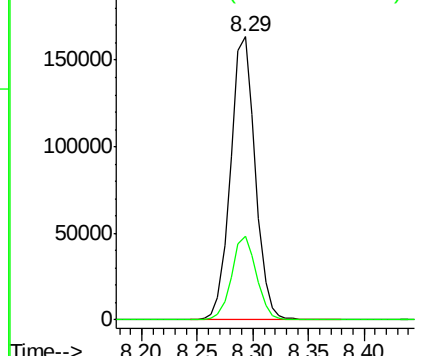
63 100

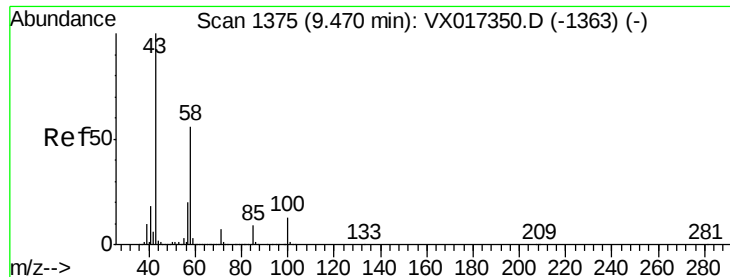
106 29.9 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





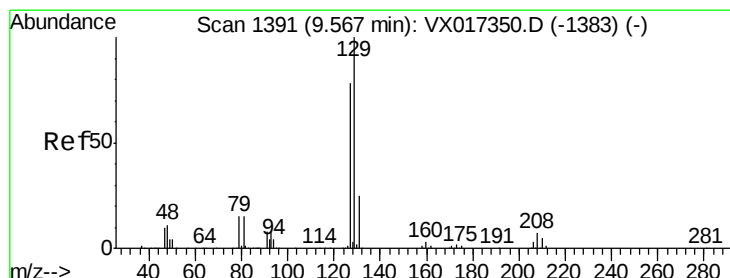
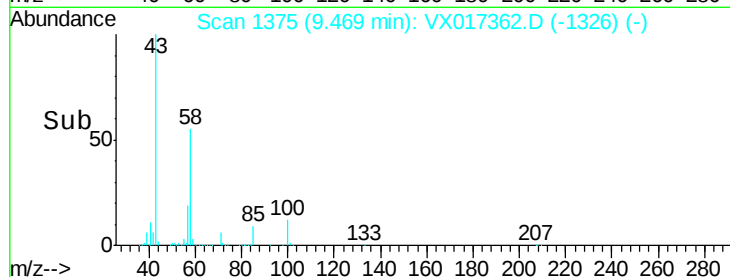
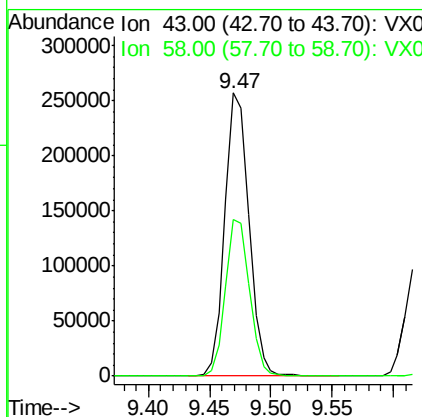
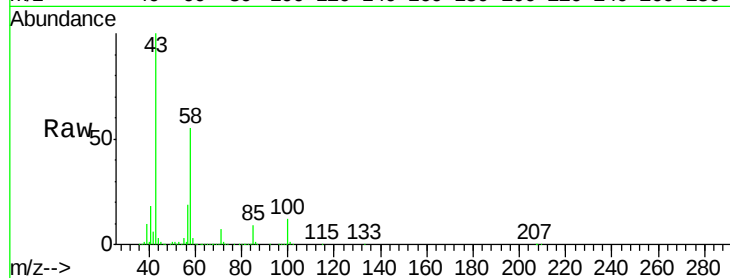
#59
2-Hexanone
Concen: 106.116 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.3	28.1	84.3

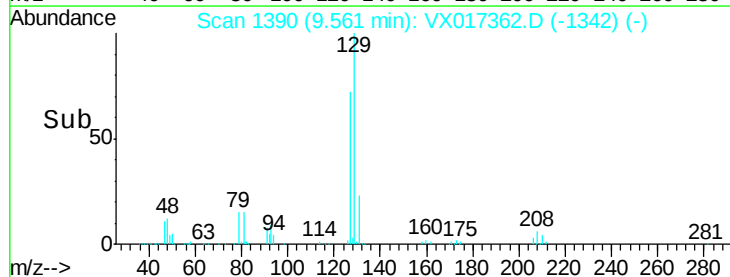
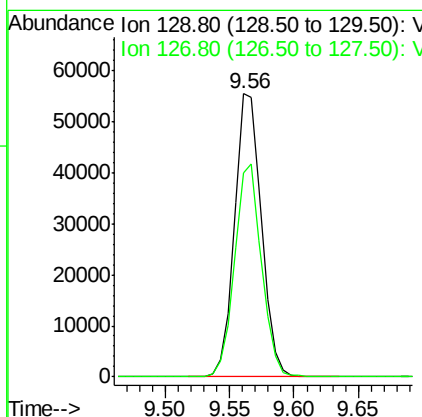
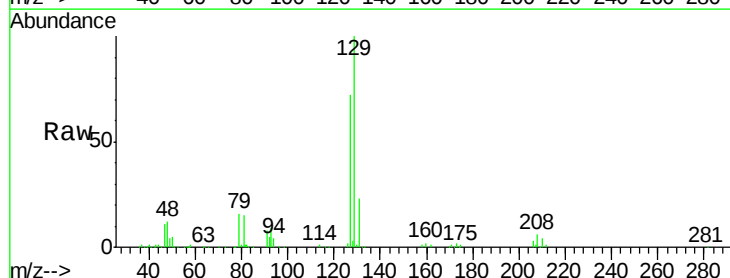
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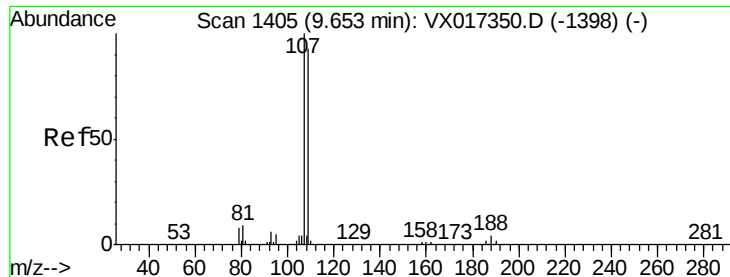
MMDadoda
7/14/2020 11:36:14 AM



#60
Dibromochloromethane
Concen: 19.669 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.1	38.9	116.6





#61

1,2-Dibromoethane

Concen: 19.763 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

Tot Ion: 107 Resp: 71968

Ion Ratio Lower Upper

107 100

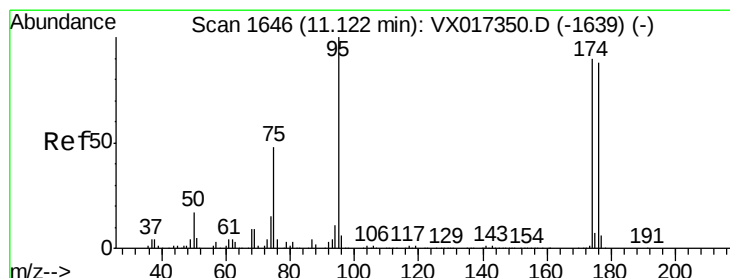
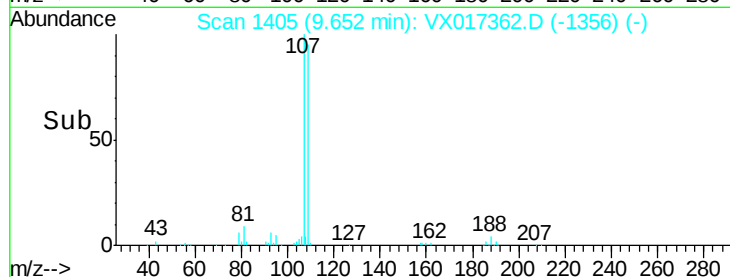
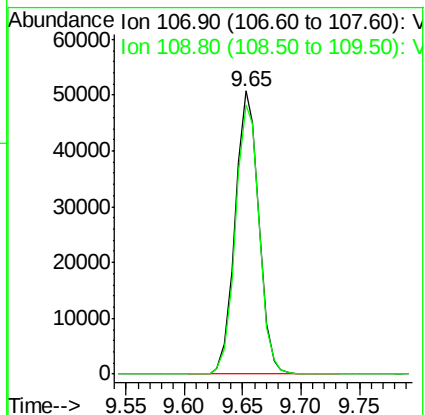
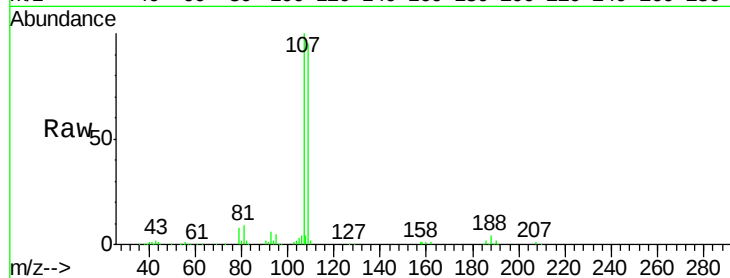
109 95.7 75.0 112.4

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#62

4-Bromofluorobenzene

Concen: 48.176 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

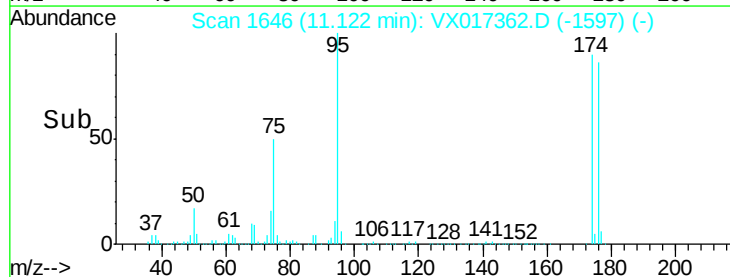
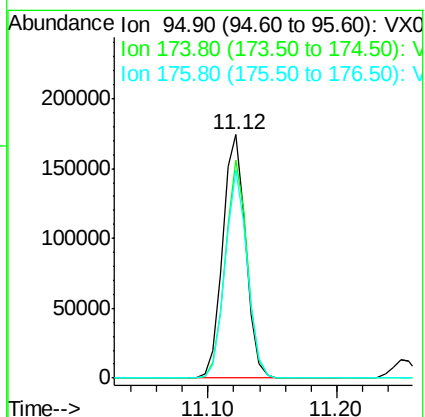
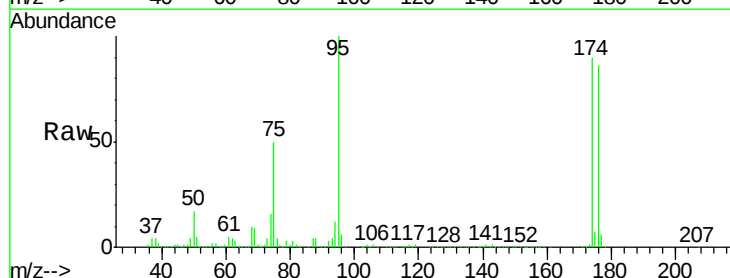
Tgt Ion: 95 Resp: 220045

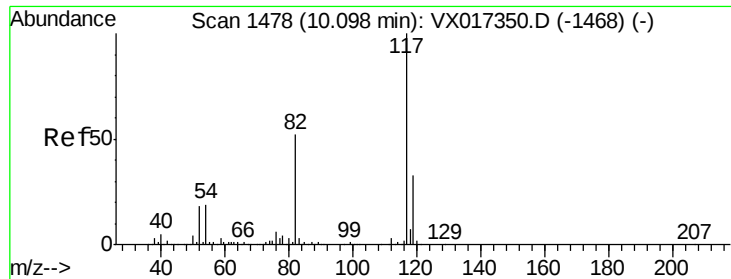
Ion Ratio Lower Upper

95 100

174 86.1 0.0 175.8

176 82.2 0.0 164.6





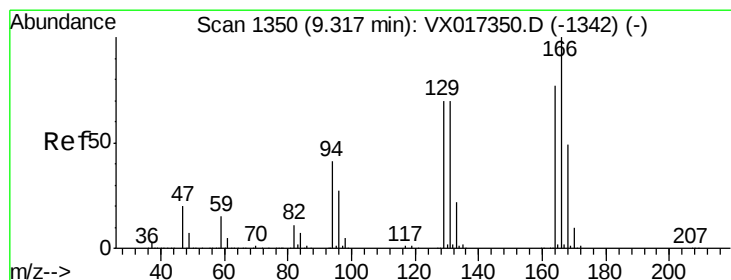
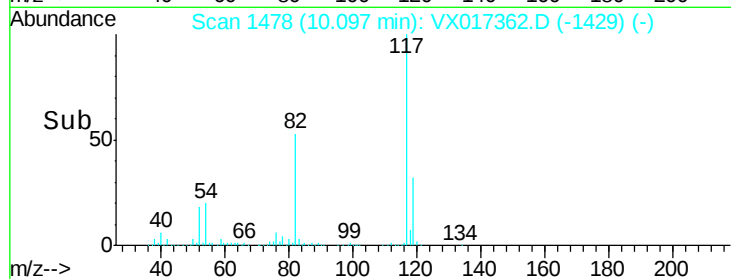
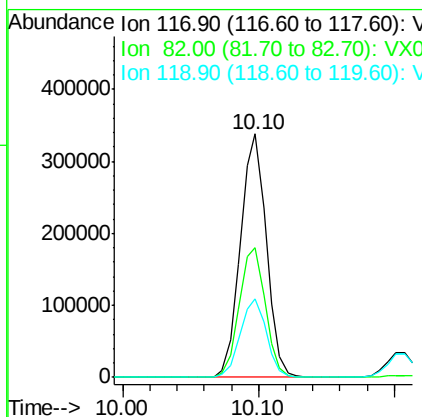
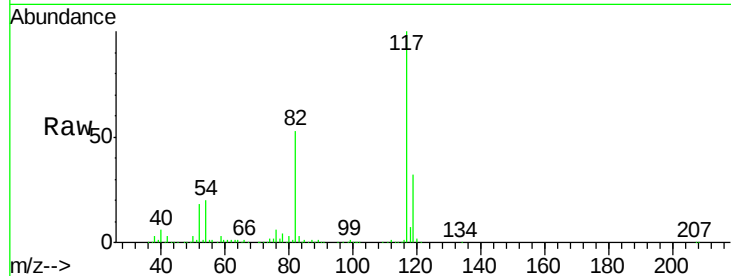
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.0	63.0
119	32.1	26.3	39.5

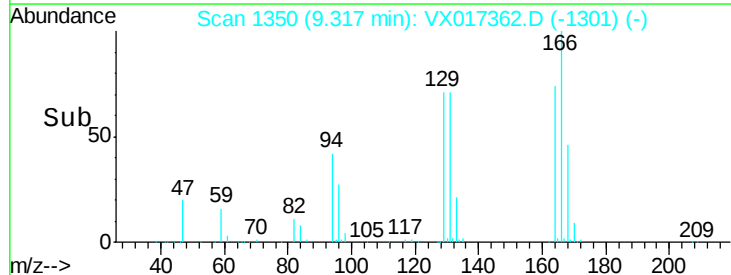
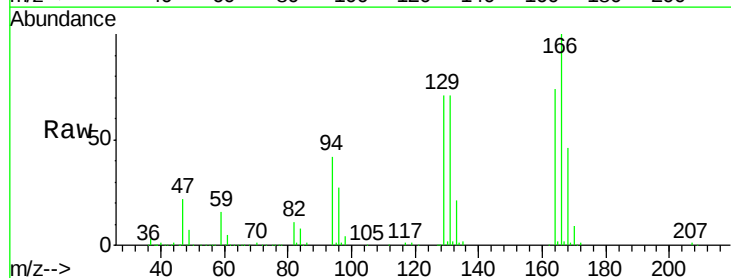
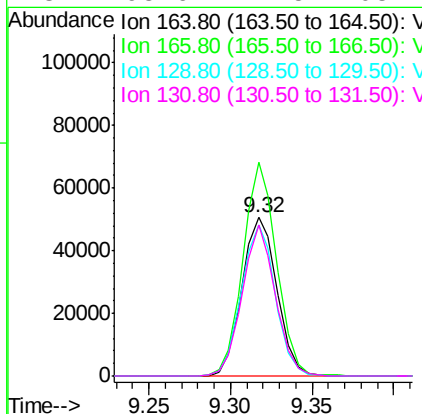
Manual Integrations
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#64
Tetrachloroethene
Concen: 19.497 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.7	103.9	155.9
129	95.3	72.9	109.3
131	95.6	72.5	108.7





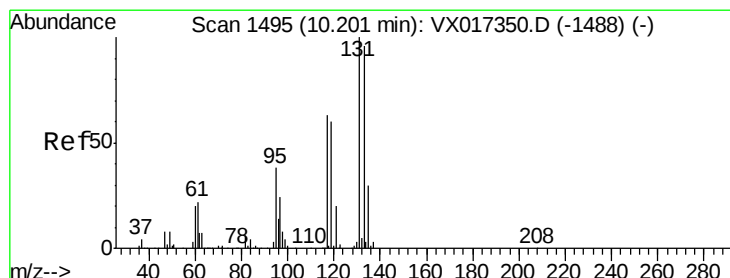
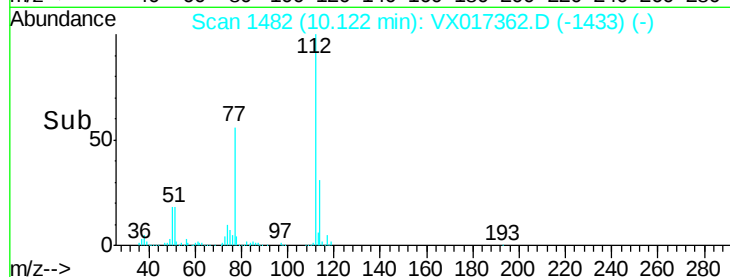
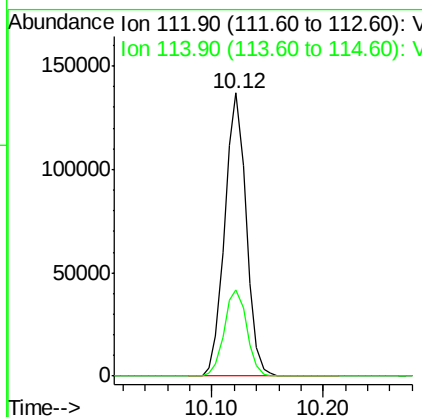
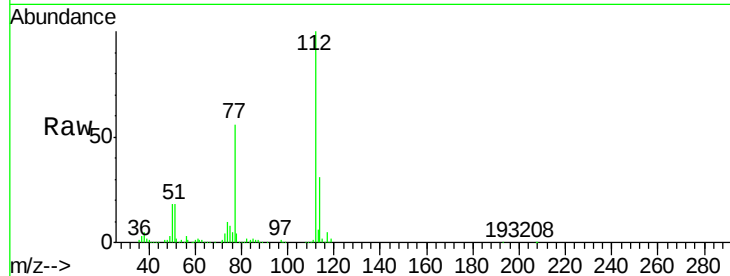
#65
Chlorobenzene
Concen: 19.924 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.7	26.0	39.0

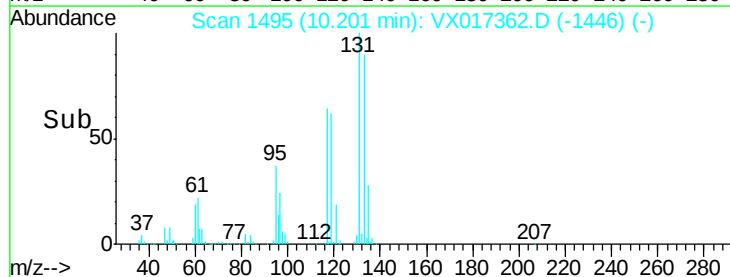
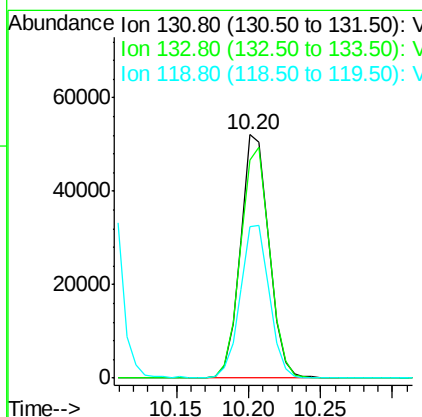
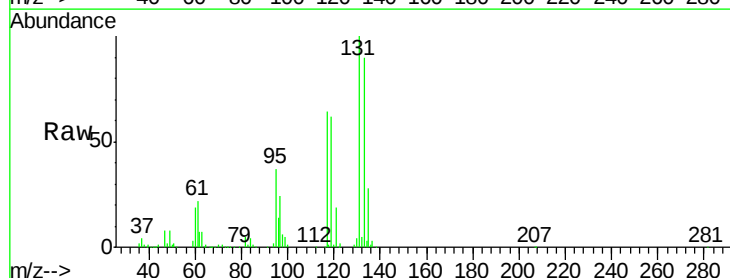
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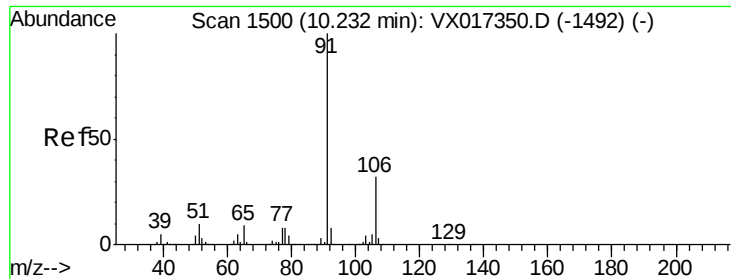
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.642 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	48.4	145.2
119	63.8	31.2	93.6





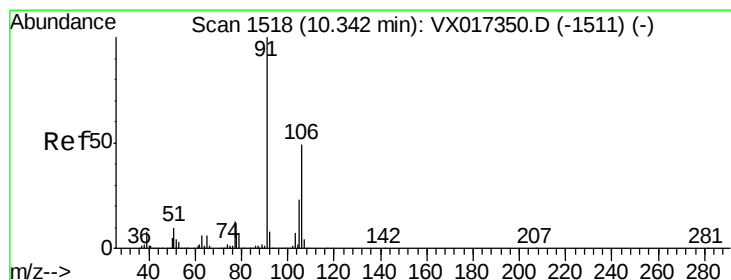
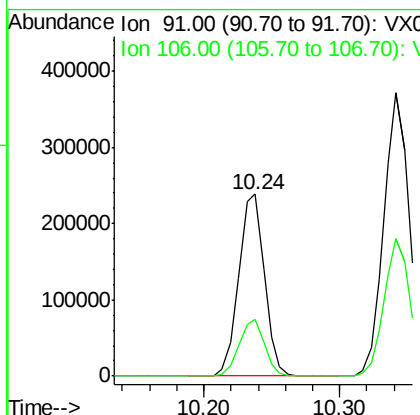
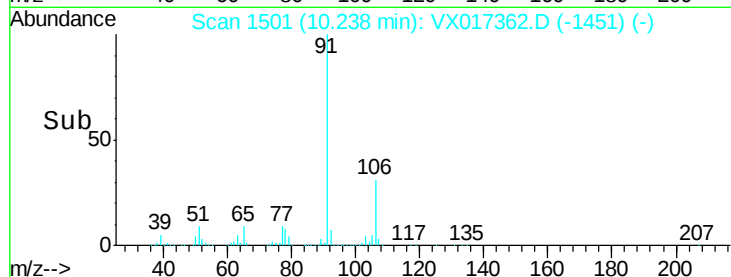
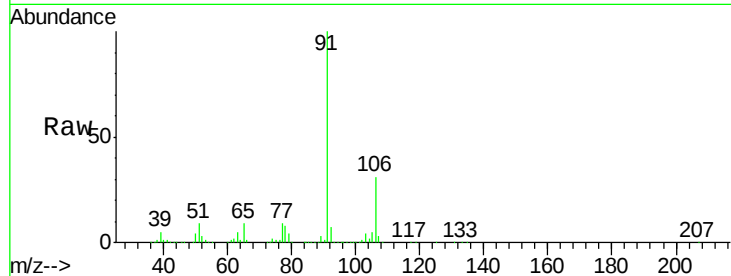
#67
Ethyl Benzene
Concen: 20.586 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion: 91 Resp: 313589
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5

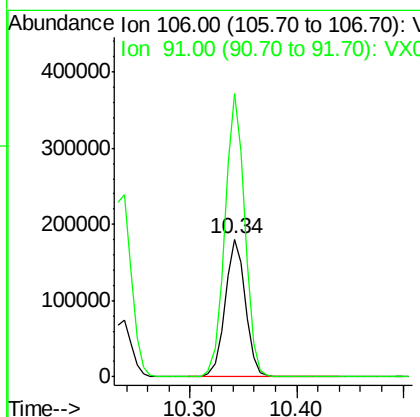
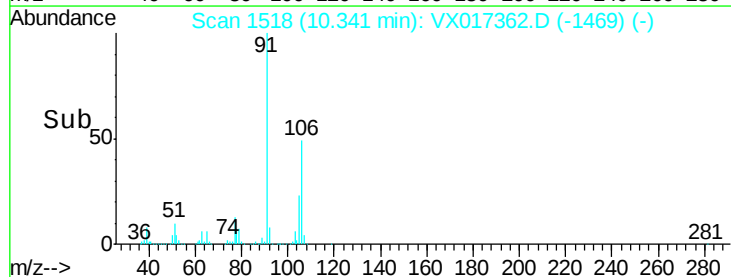
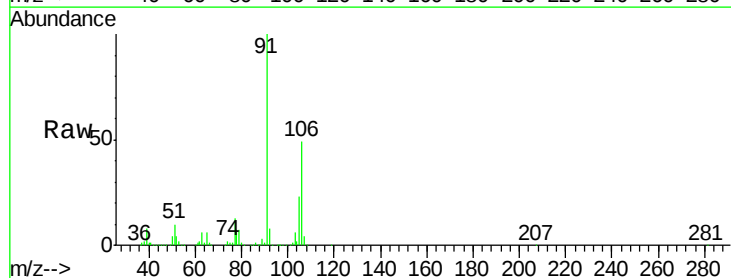
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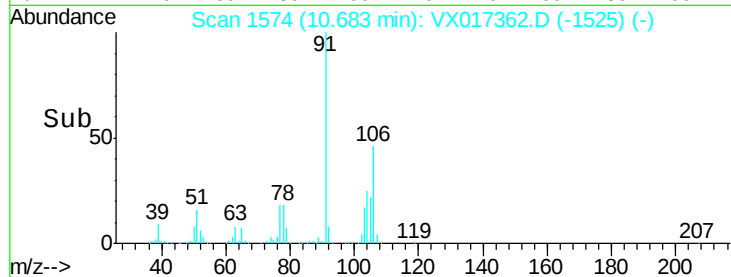
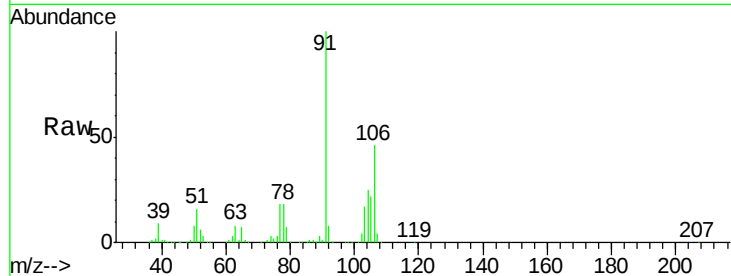
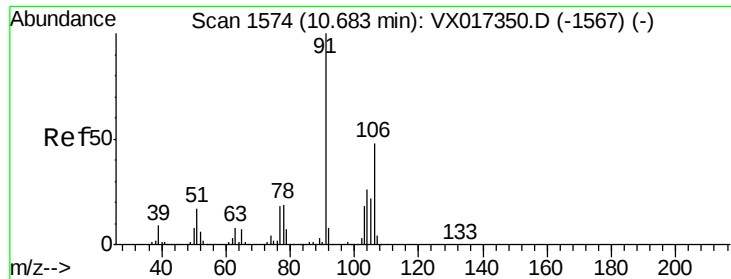
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#68
m/p-Xylenes
Concen: 41.358 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion: 106 Resp: 239703
Ion Ratio Lower Upper
106 100
91 202.8 162.5 243.7





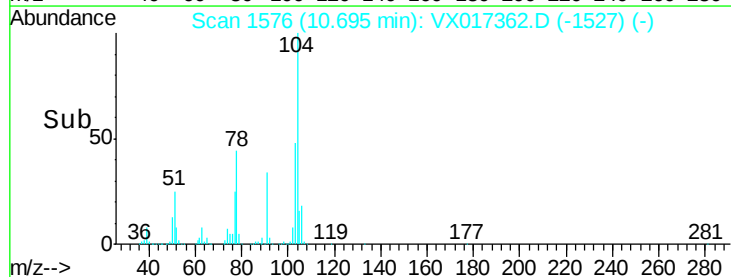
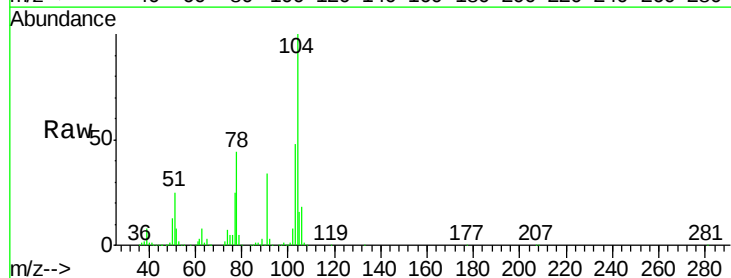
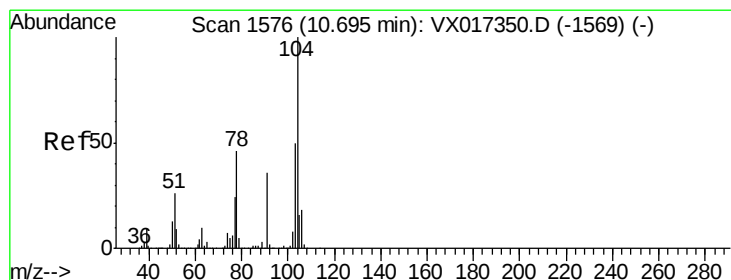
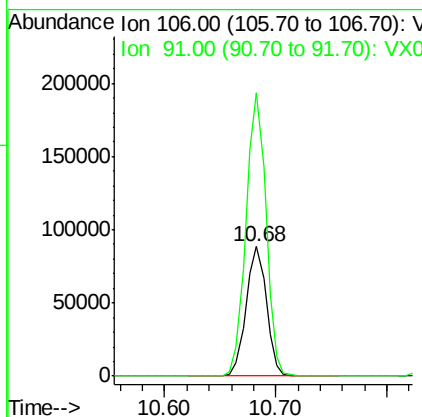
#69
o-Xylene
Concen: 20.325 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tot Ion:106 Resp: 112562
Ion Ratio Lower Upper
106 100
91 215.0 106.1 318.1

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

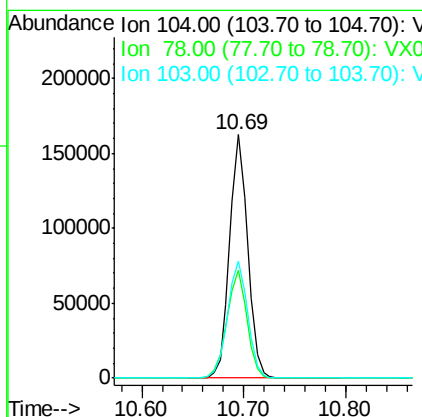
Manual Integrations
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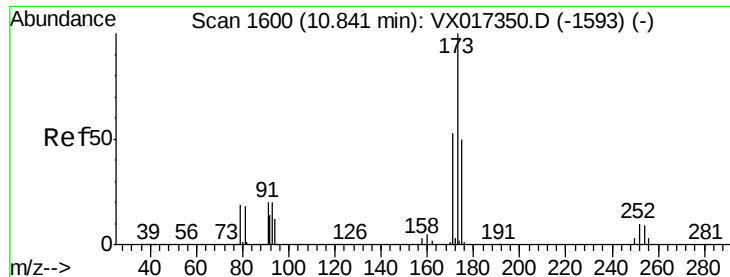
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#70
Styrene
Concen: 20.959 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion:104 Resp: 199246
Ion Ratio Lower Upper
104 100
78 49.2 40.8 61.2
103 53.5 43.3 64.9





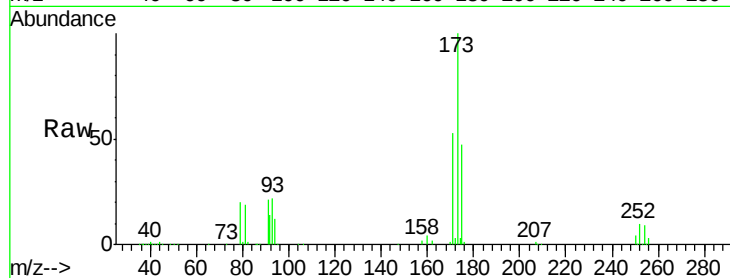
#71
Bromoform
Concen: 19.526 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.7	74.1
254	0.2	0.1	0.1#

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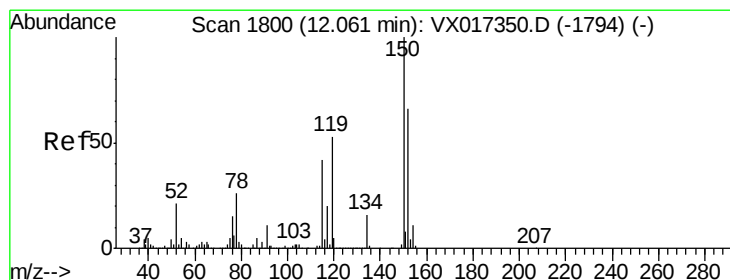
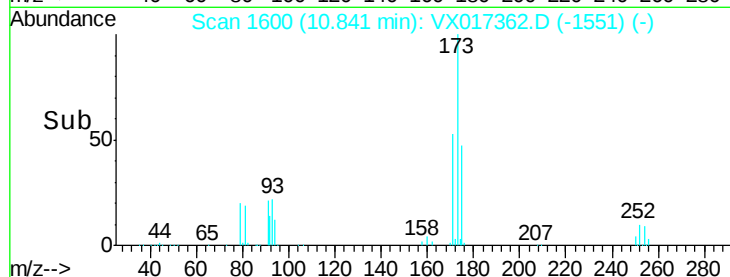
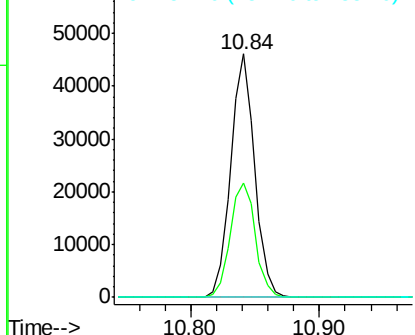


Abundance

Ion 172.70 (172.40 to 173.40): V

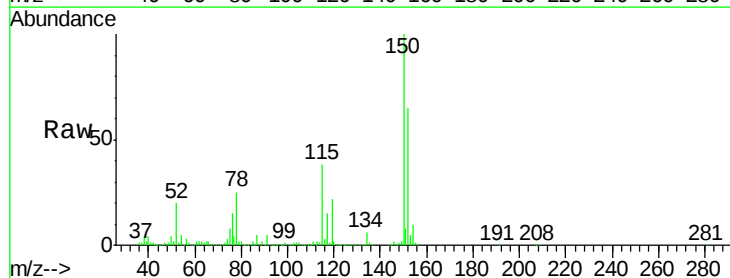
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.6	39.9	119.7
150	164.4	0.0	343.4

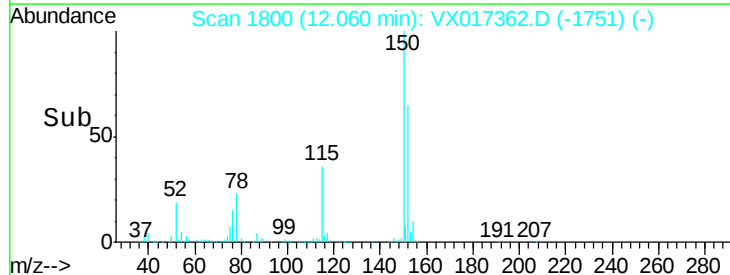
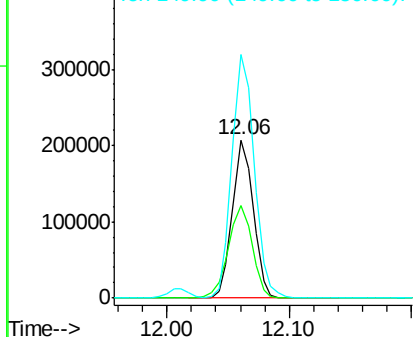


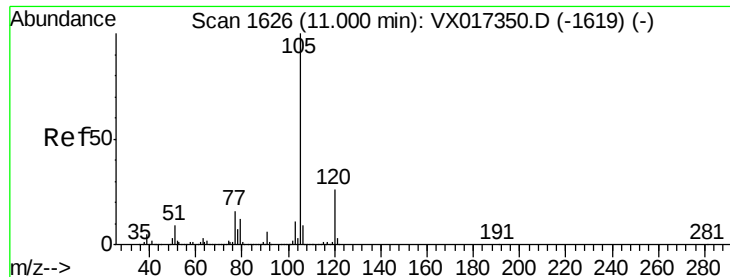
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.167 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

Tot Ion: 105 Resp: 309428

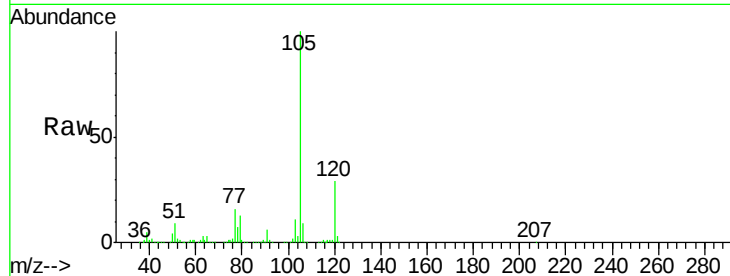
Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.8

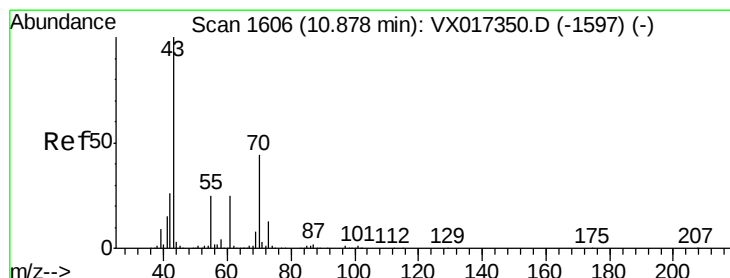
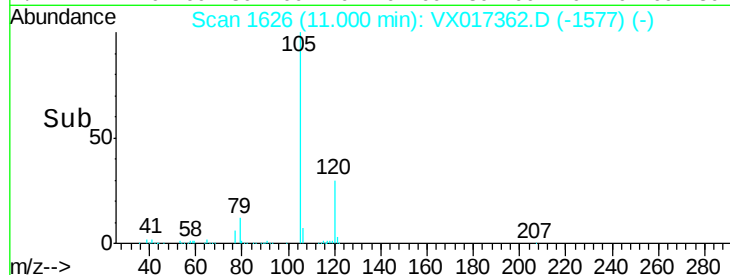
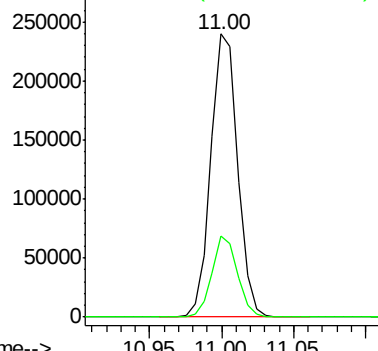
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.563 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Tgt Ion: 43 Resp: 126253

Ion Ratio Lower Upper

43 100

70 43.5 35.7 53.5

55 24.9 20.3 30.5

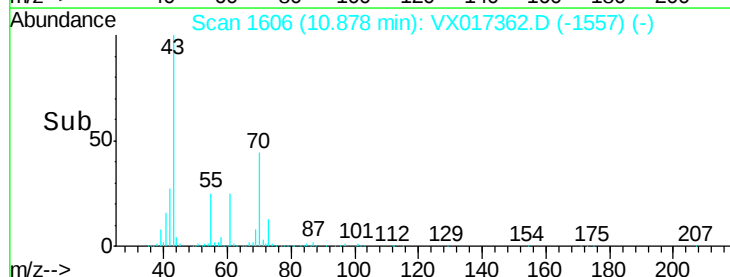
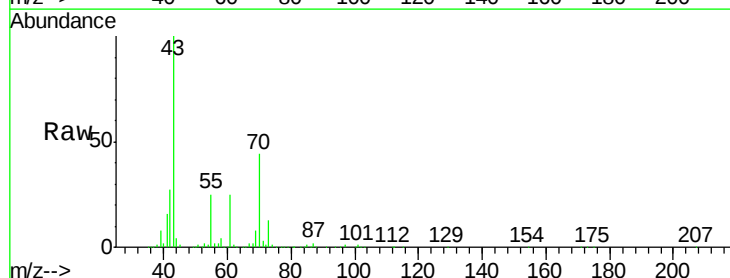
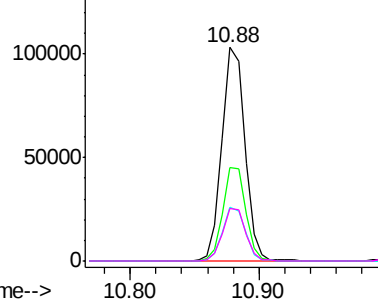
61 24.7 20.0 30.0

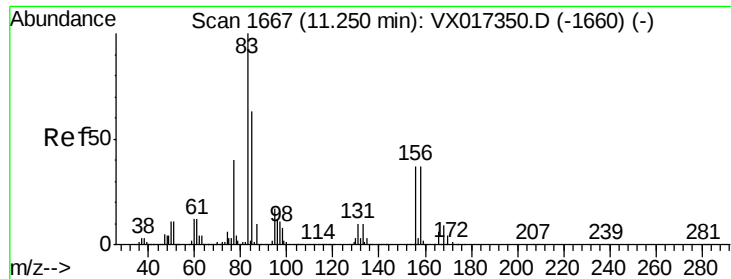
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.030 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

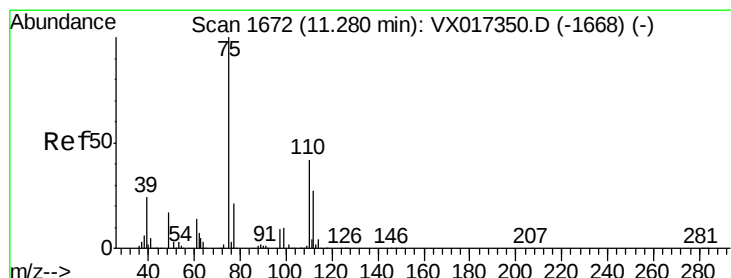
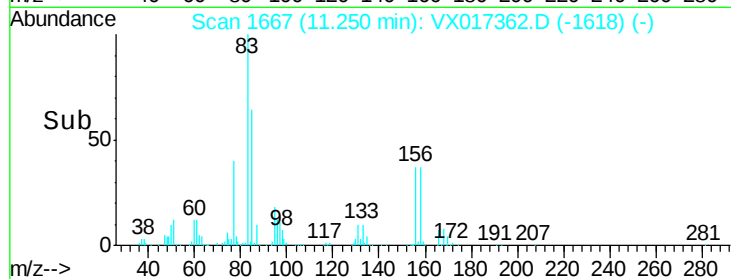
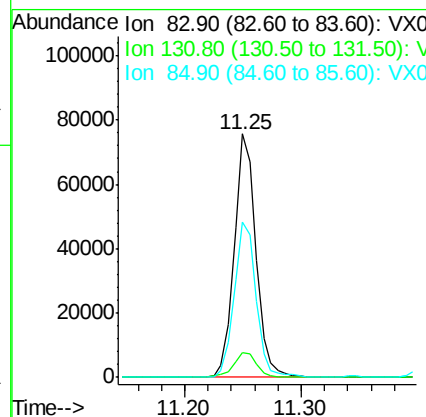
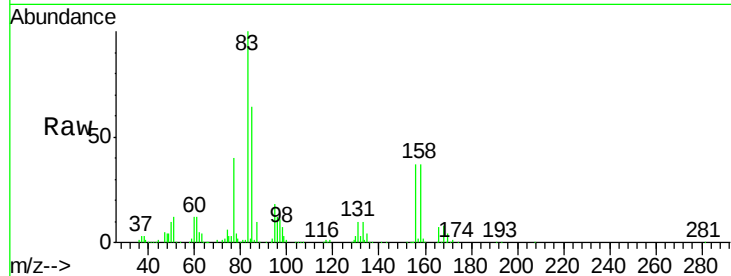
ClientSampleId :

VX0713WBSD01

Tot Ion:	83	Resp:	97973
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.7
85	64.6	32.6	98.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.064 ug/l m

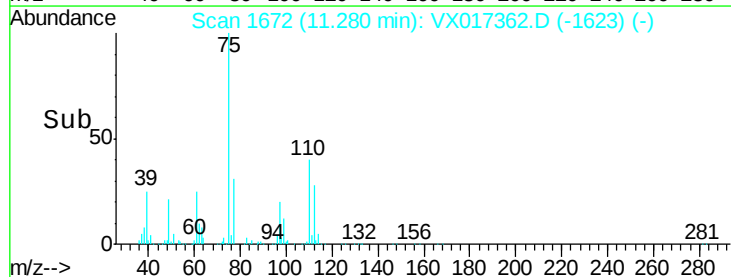
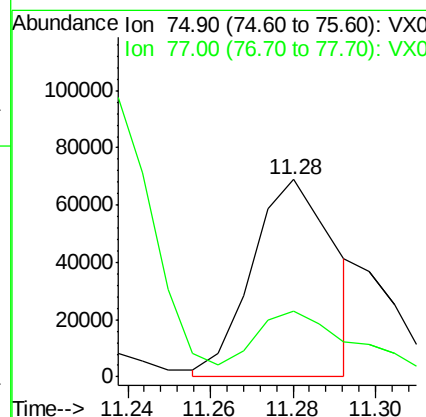
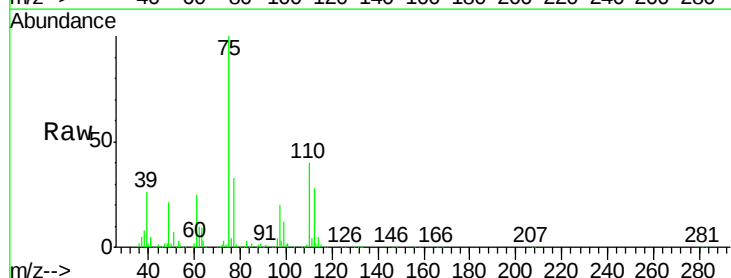
RT: 11.28 min Scan# 1672

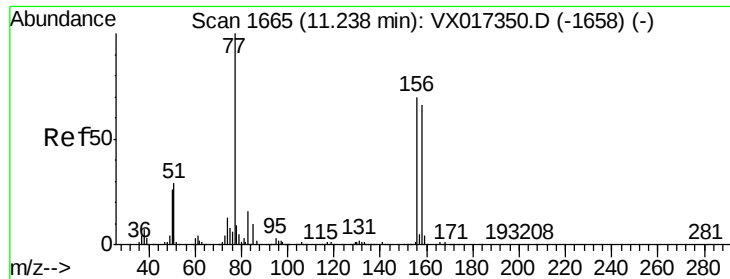
Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Tgt Ion:	75	Resp:	95266
Ion Ratio	Lower	Upper	
75	100		
77	41.4	20.3	60.9





#77

Bromobenzene

Concen: 19.246 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

Tot Ion:156 Resp: 84105

Ion Ratio Lower Upper

156 100

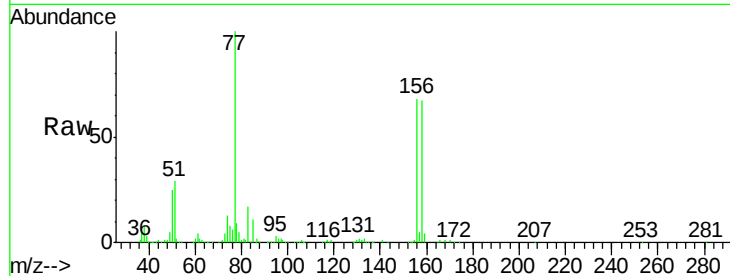
77 149.1 72.1 216.3

158 96.7 47.4 142.3

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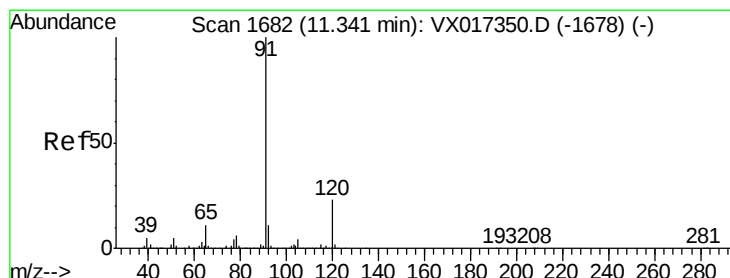
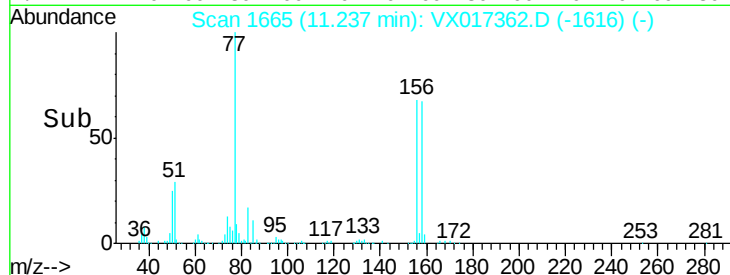
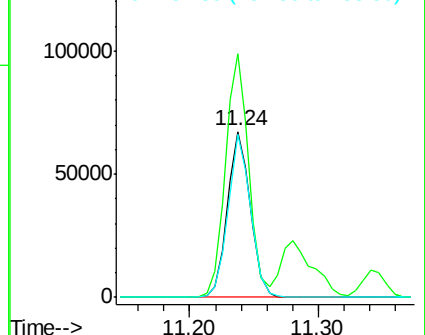
7/14/2020 11:36:14 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.419 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017362.D

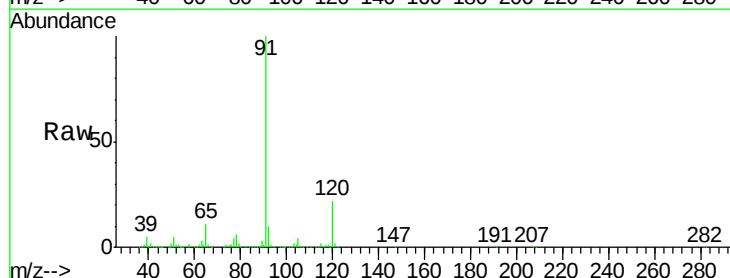
Acq: 13 Jul 2020 18:44

Tgt Ion: 91 Resp: 351859

Ion Ratio Lower Upper

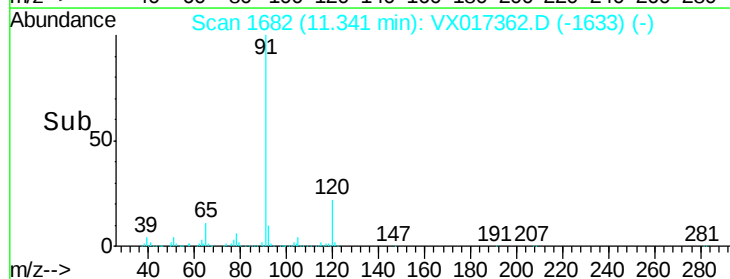
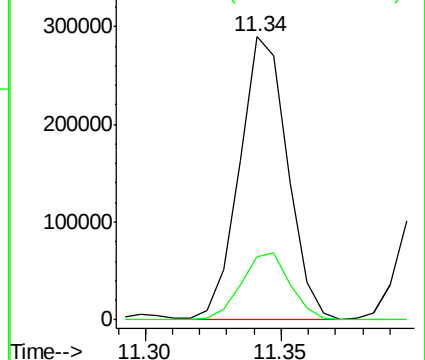
91 100

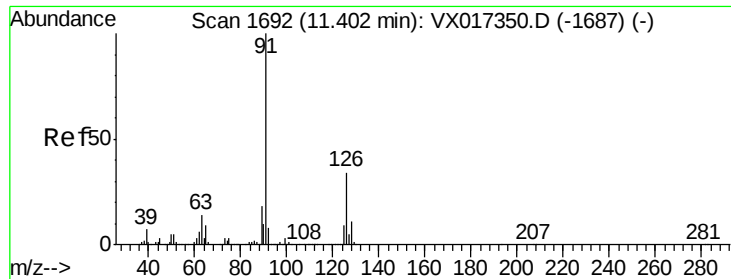
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.867 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBSD01

Tot Ion: 91 Resp: 210969

Ion Ratio Lower Upper

91 100

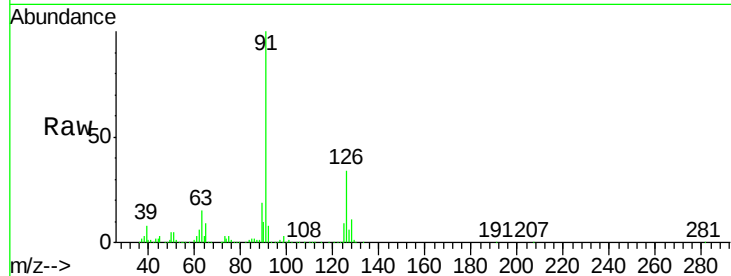
126 35.5 17.4 52.3

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Abundance Ion 91.00 (90.70 to 91.70): VX017350.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017350.D (-1687) (-)

300000

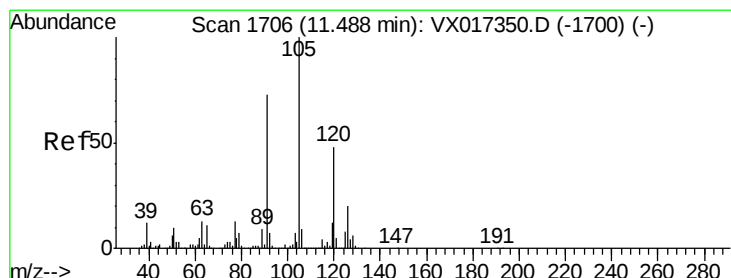
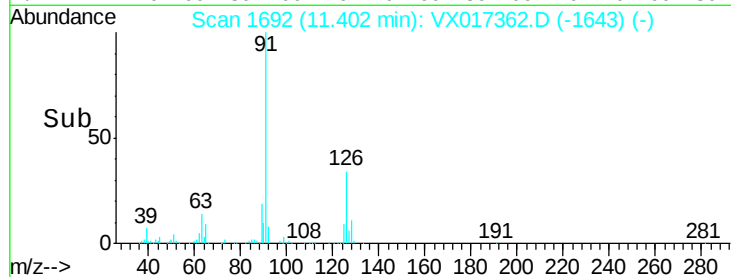
200000

100000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.299 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX017362.D

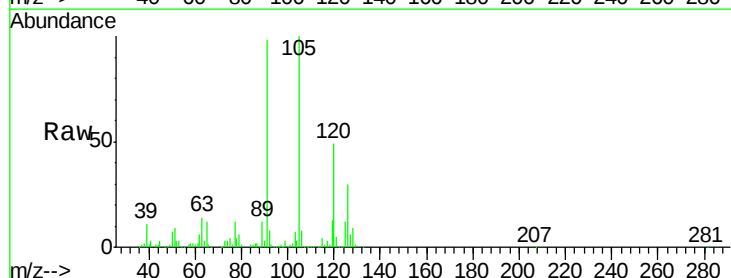
Acq: 13 Jul 2020 18:44

Tgt Ion: 105 Resp: 264387

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX017350.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX017350.D (-1700) (-)

250000

200000

150000

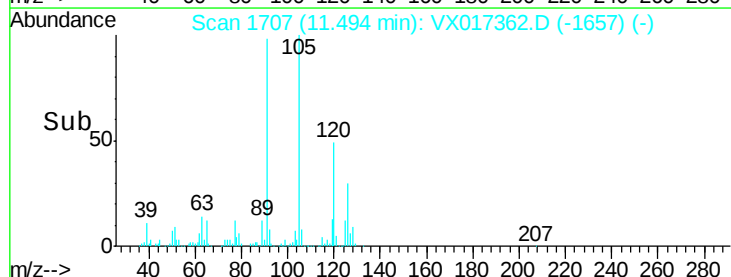
100000

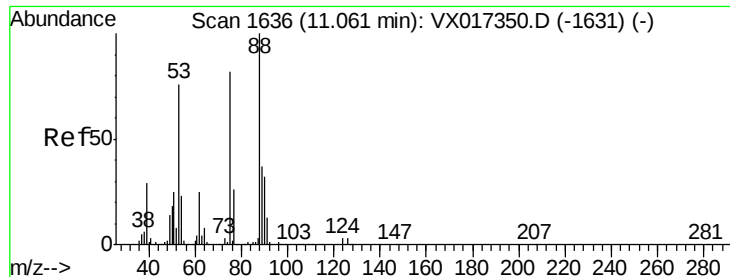
50000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.778 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

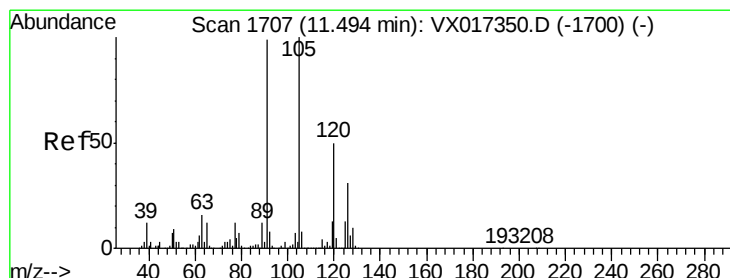
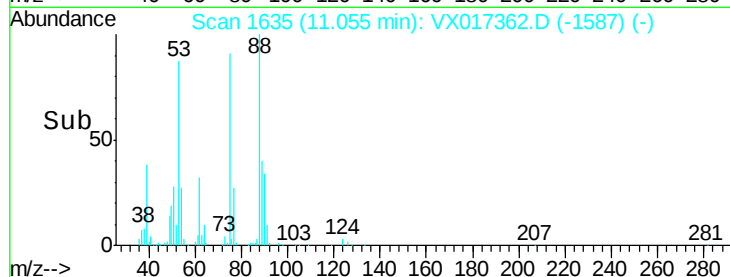
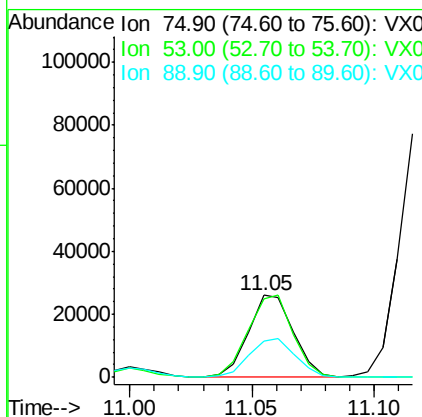
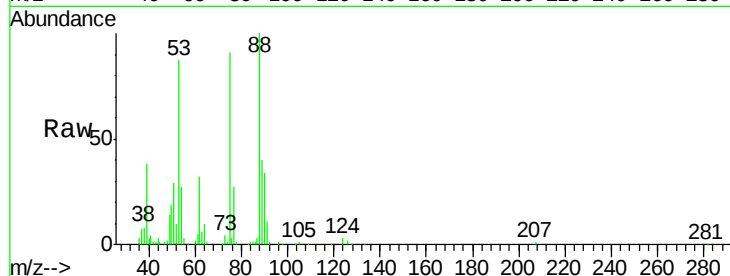
ClientSampleId :

VX0713WBSD01

Tot Ion:	75	Resp:	33480
Ion	Ratio	Lower	Upper
75	100		
53	99.3	76.5	114.7
89	48.3	38.1	57.1

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#82

4-Chlorotoluene

Concen: 20.200 ug/l

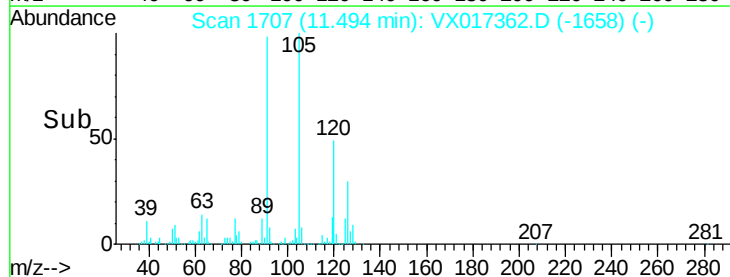
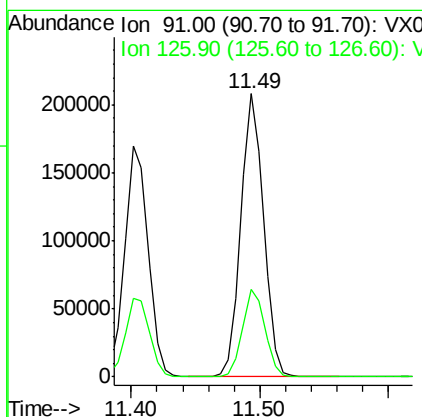
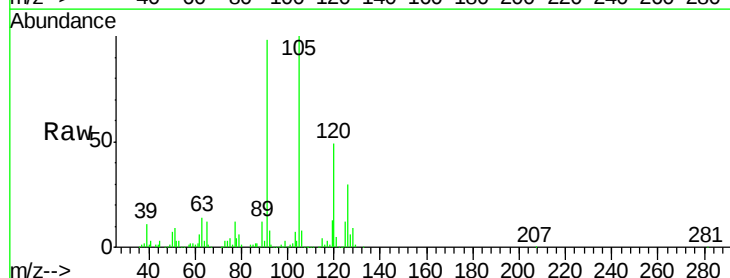
RT: 11.49 min Scan# 1707

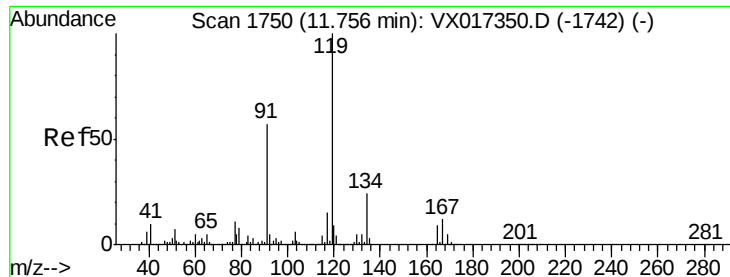
Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Tgt Ion:	91	Resp:	254215
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.4	46.2





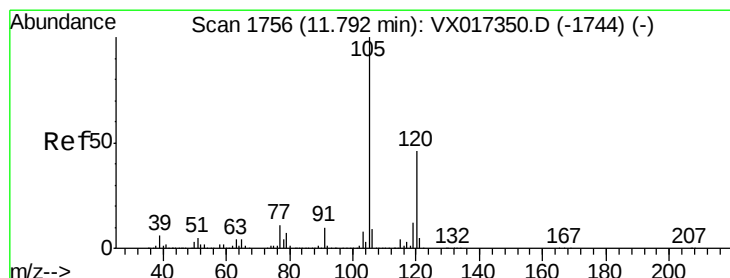
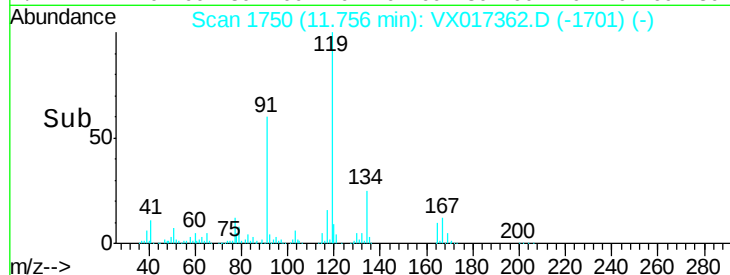
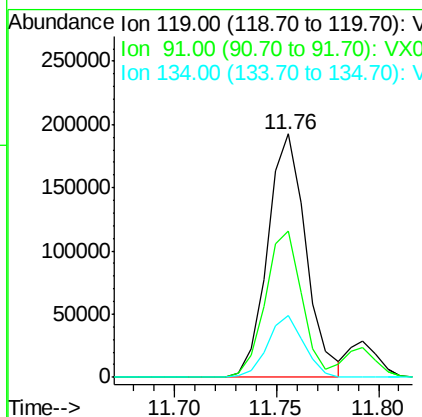
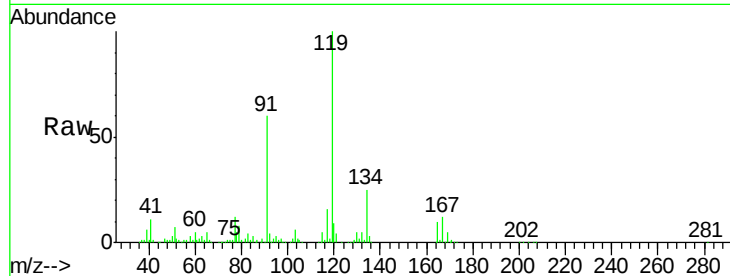
#83
tert-Butylbenzene
Concen: 20.012 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	251958		
91	57.3		28.5	85.6
134	23.9		11.9	35.9

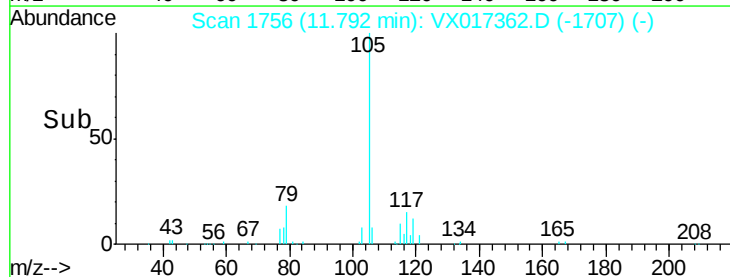
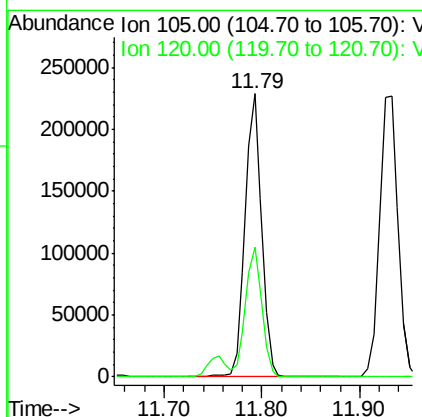
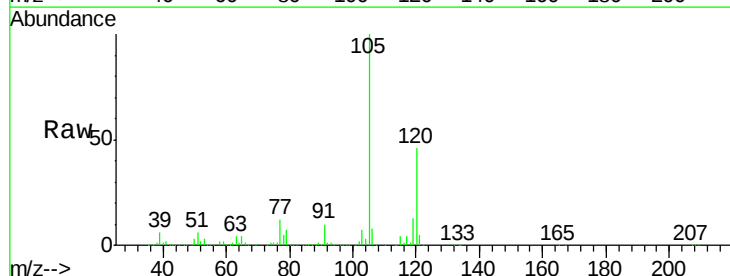
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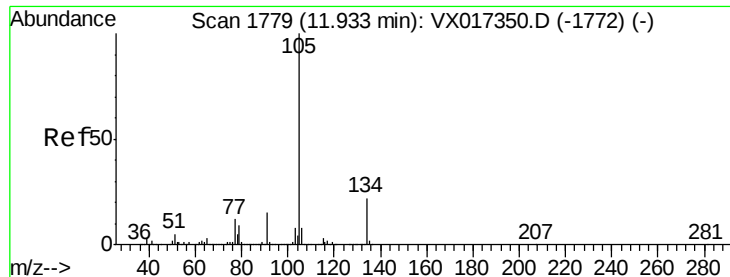
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#84
1,2,4-Trimethylbenzene
Concen: 20.489 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	269603		
120	45.6		22.8	68.4





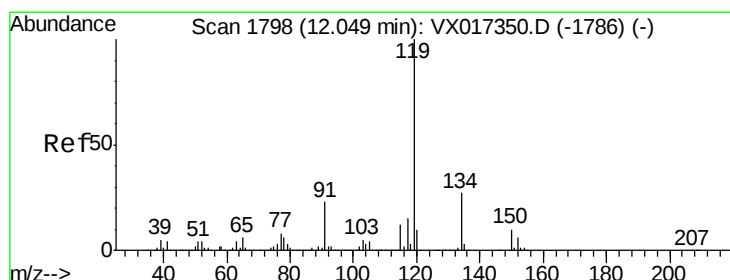
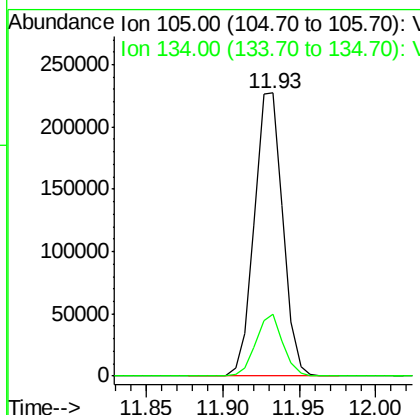
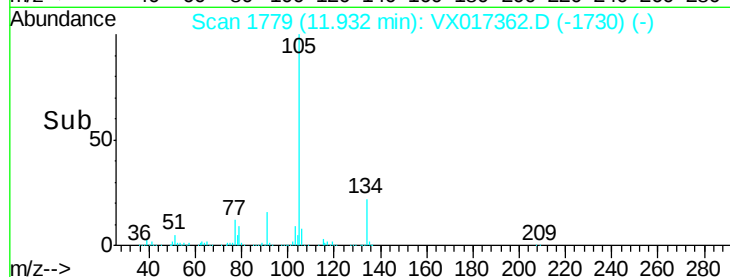
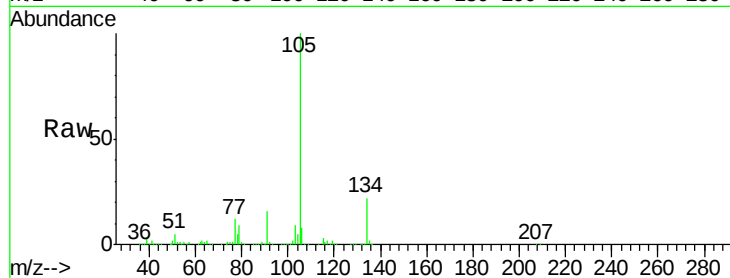
#85
 sec-Butylbenzene
 Concen: 19.998 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.5	31.5

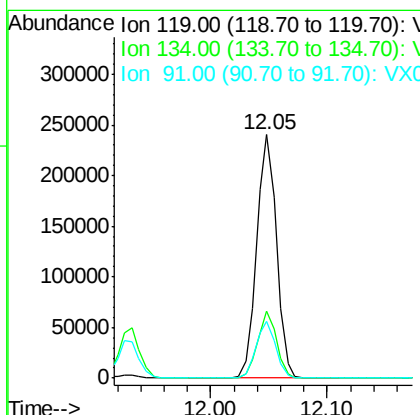
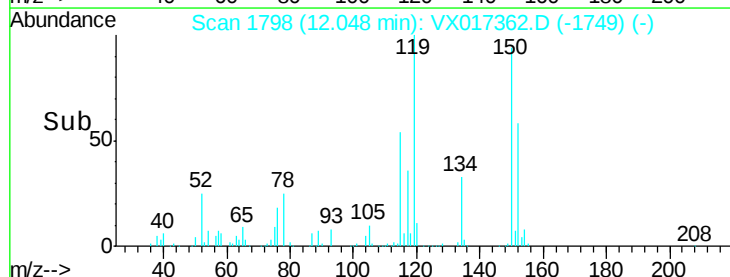
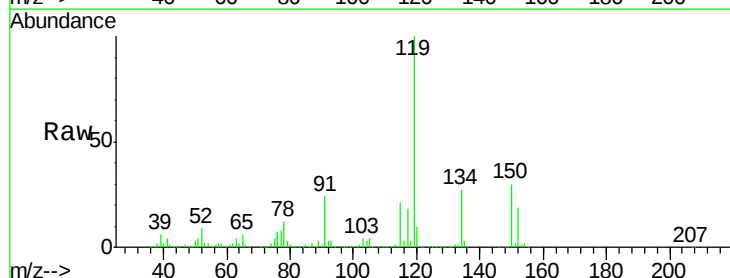
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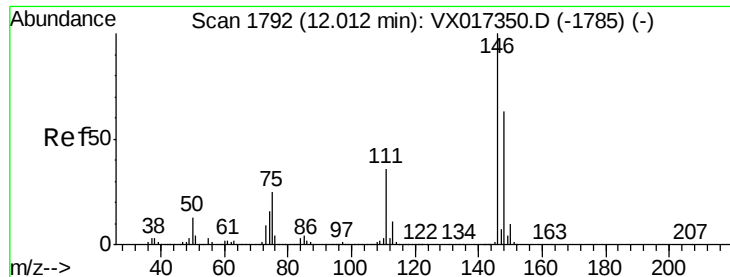
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 20.460 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.5	40.5
91	23.2	11.8	35.3





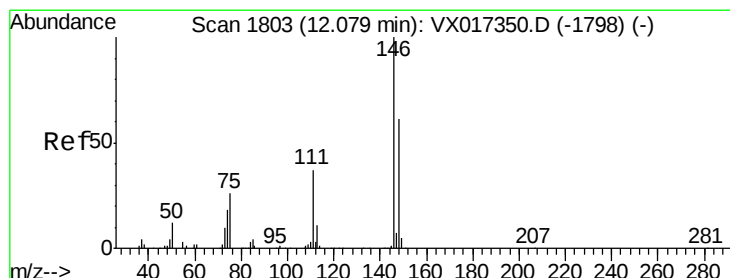
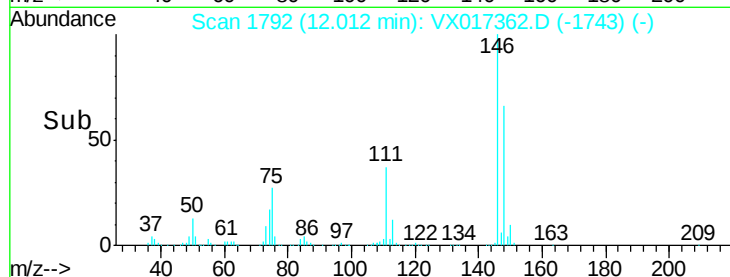
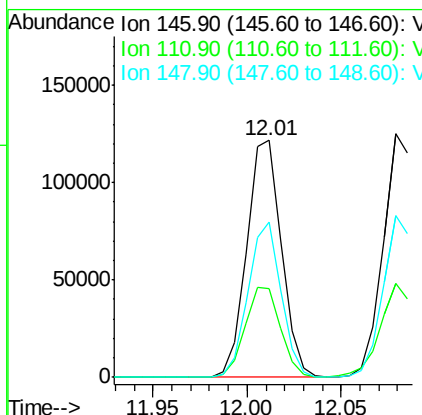
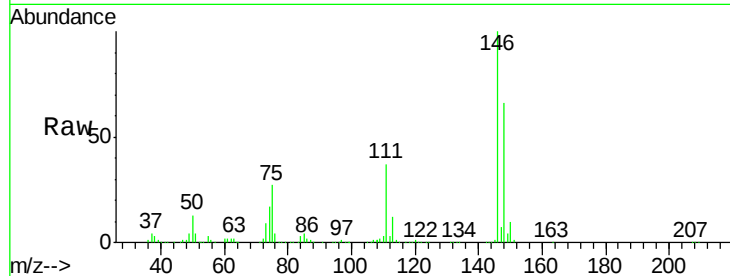
#87
 1,3-Dichlorobenzene
 Concen: 19.921 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.2	57.6
148	62.6	31.6	95.0

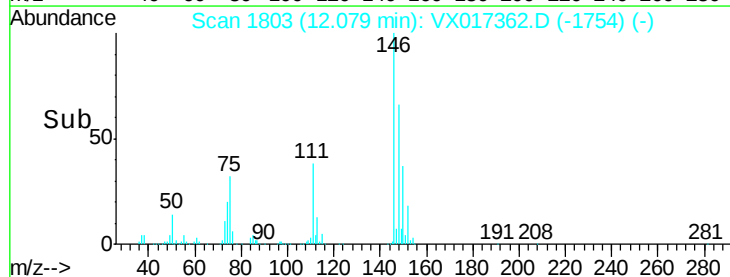
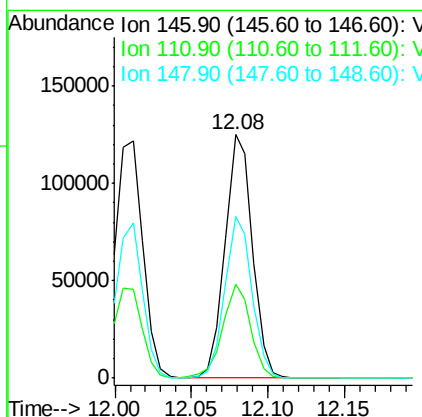
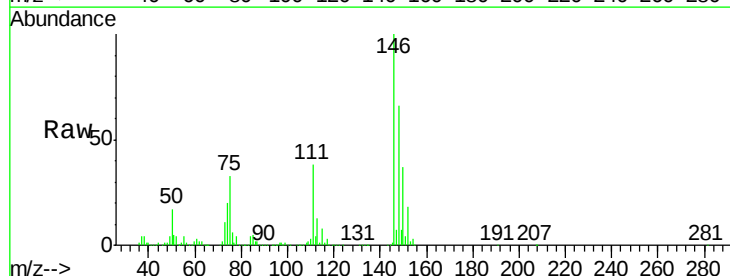
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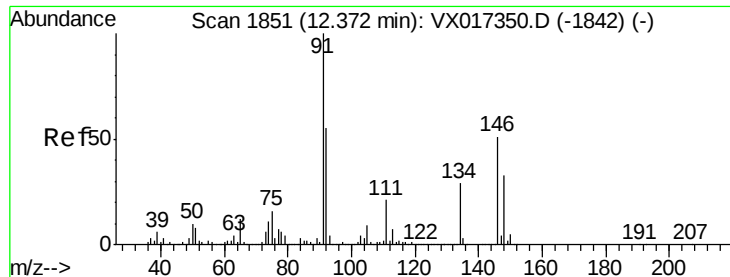
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#88
 1,4-Dichlorobenzene
 Concen: 19.573 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	18.9	56.9
148	65.9	31.9	95.9





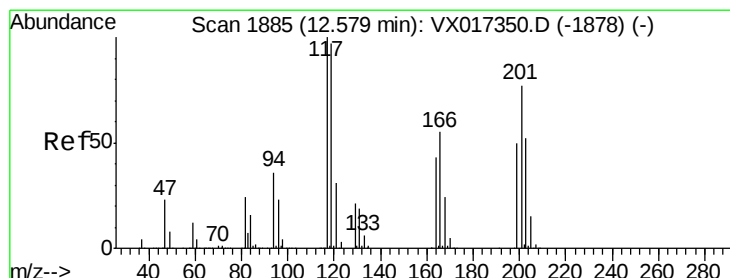
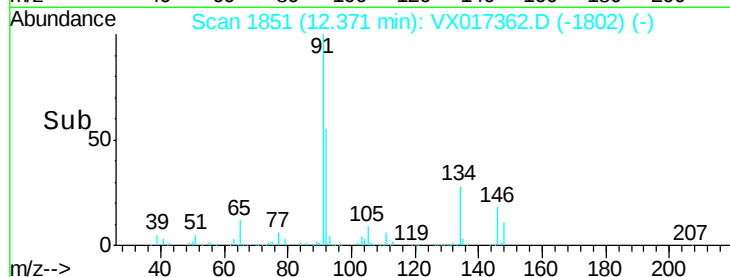
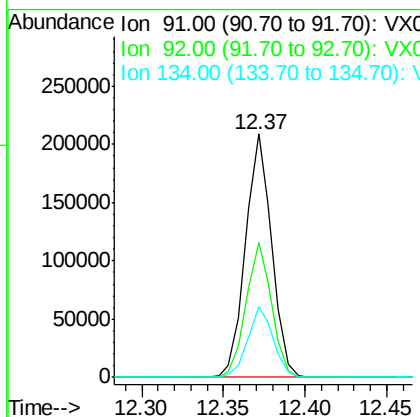
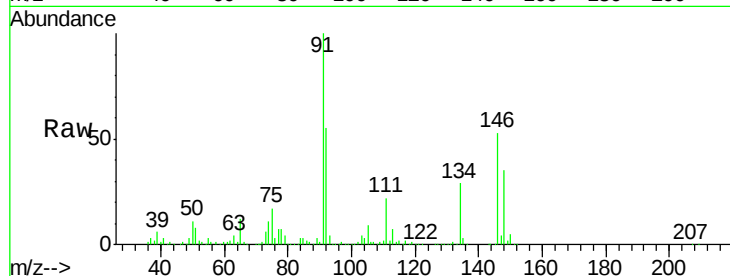
#89
n-Butylbenzene
Concen: 19.663 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.0	81.0
134	28.1	14.1	42.2

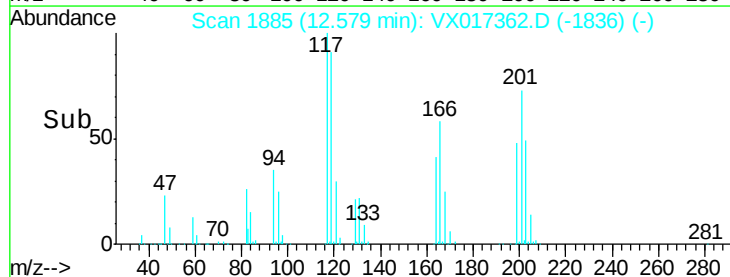
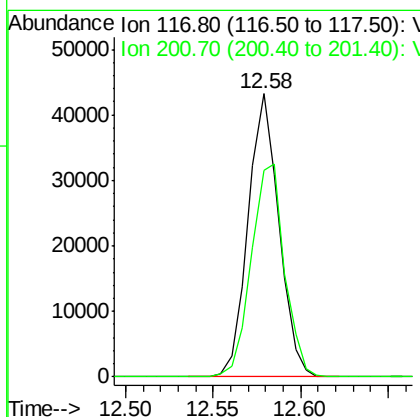
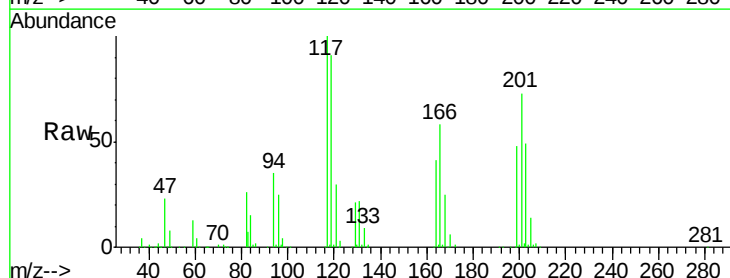
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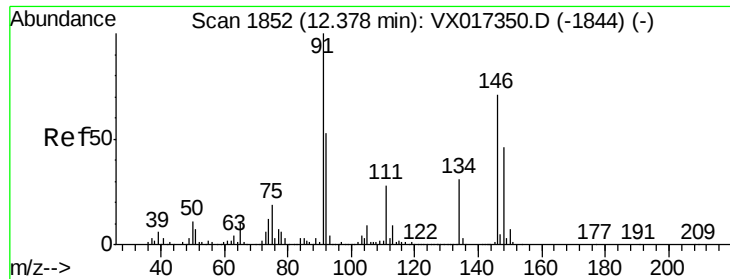
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#90
Hexachloroethane
Concen: 20.003 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017362.D
Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.0	41.0	123.0





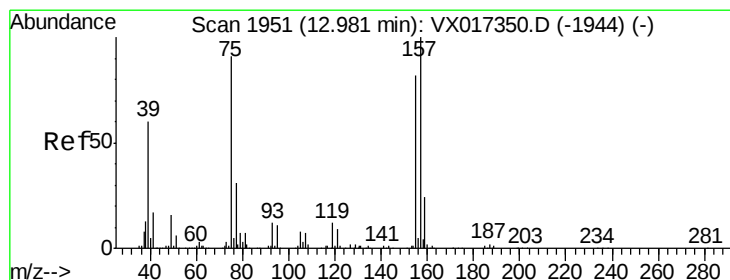
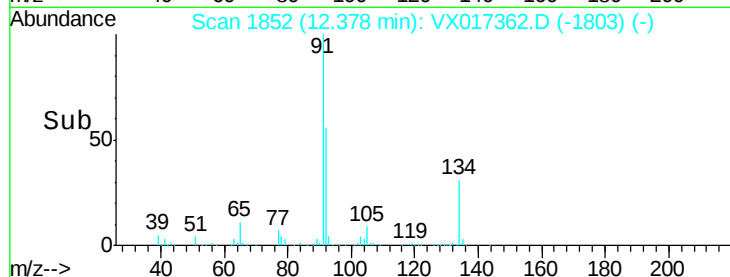
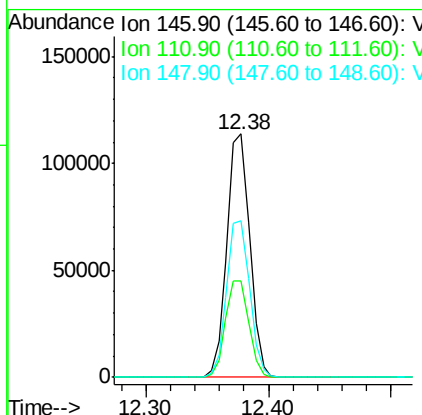
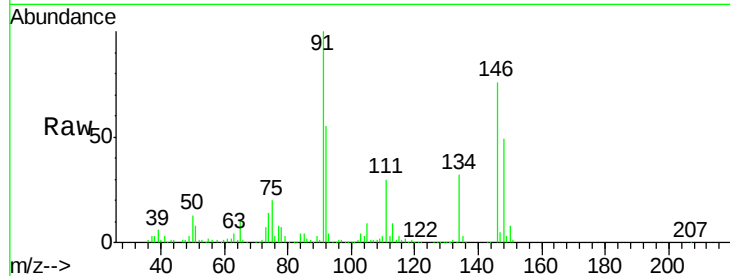
#91
 1,2-Dichlorobenzene
 Concen: 20.019 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	65.3	32.0	96.0

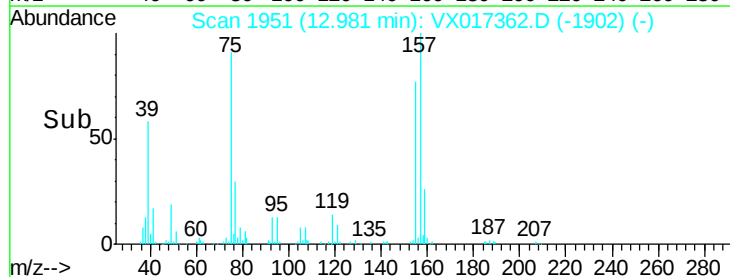
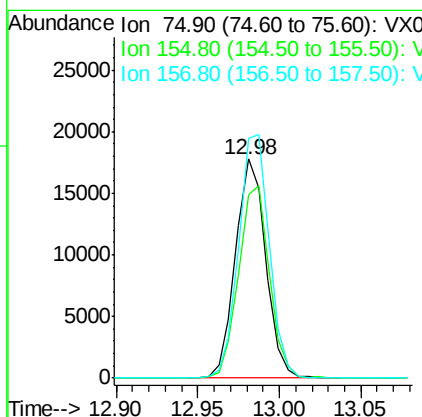
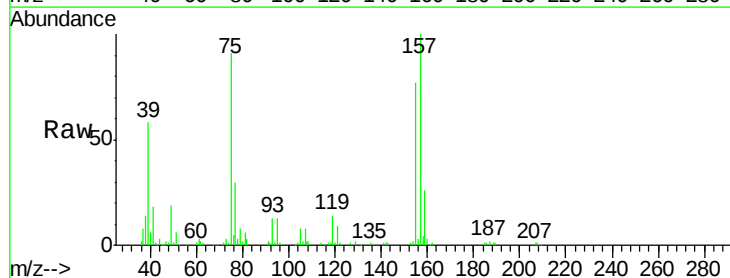
Manual Integrations
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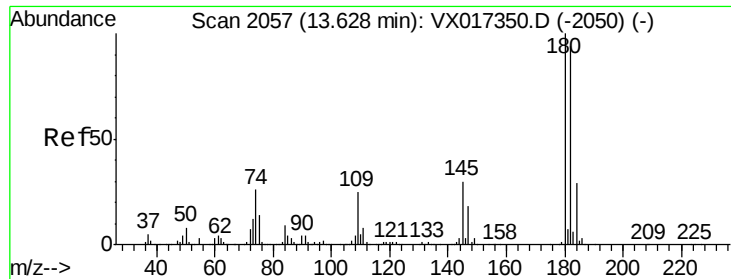
MMDadoda
 7/14/2020 11:36:14 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.698 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.4	46.5	139.3
157	112.8	58.0	173.9





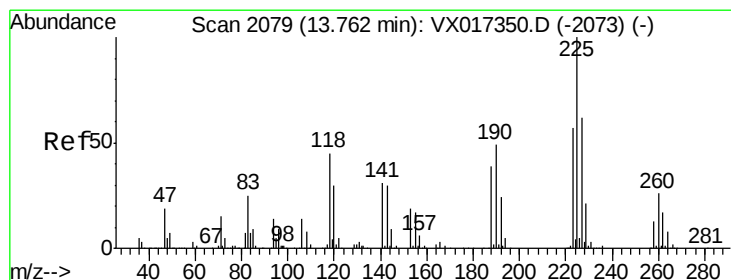
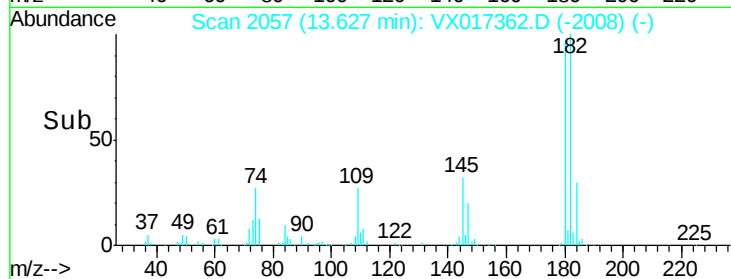
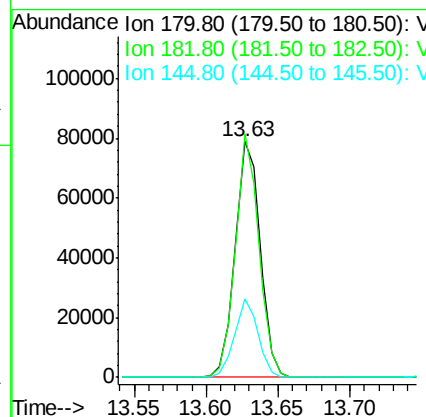
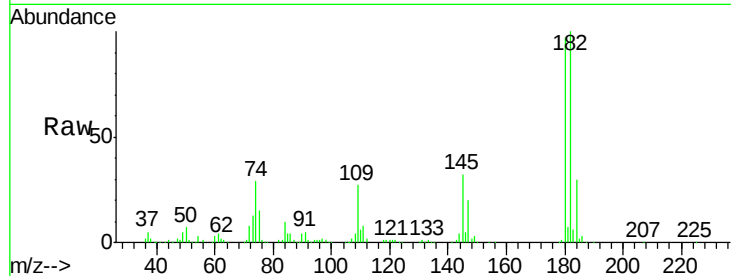
#93
 1,2,4-Trichlorobenzene
 Concen: 19.128 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.4	145.0
145	31.0	15.3	45.8

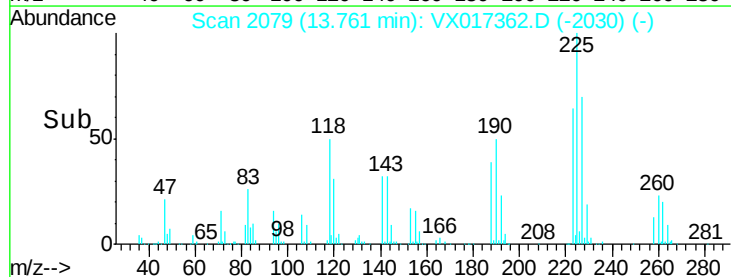
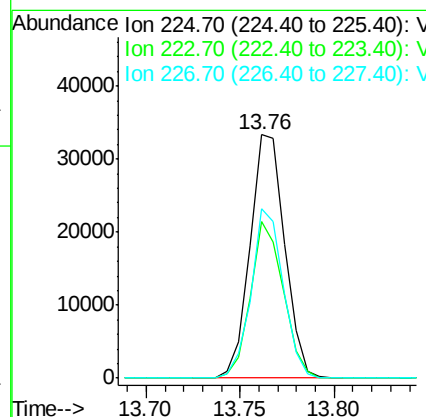
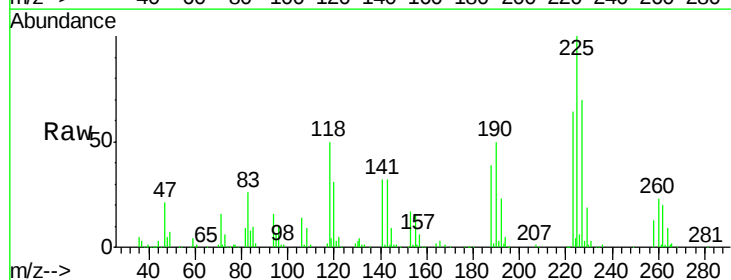
Manual Integrations
 APPROVED

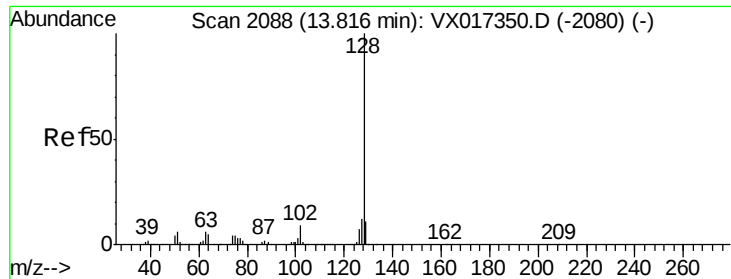
MMDadoda
 7/14/2020 11:36:14 AM



#94
 Hexachlorobutadiene
 Concen: 20.484 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX017362.D
 Acq: 13 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	31.3	93.8
227	64.3	31.6	95.0





#95

Naphthalene

Concen: 20.385 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Instrument :

MSVOA_X

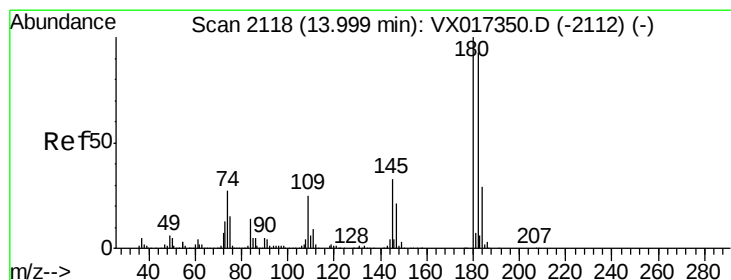
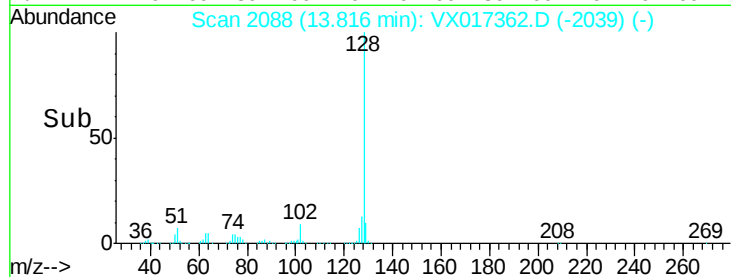
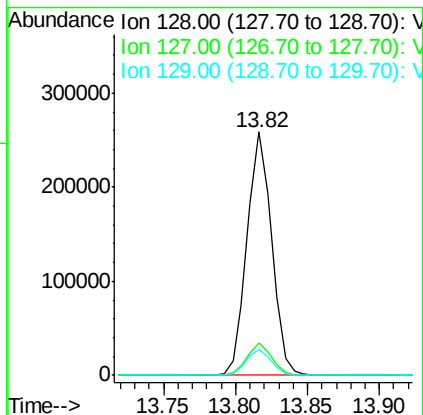
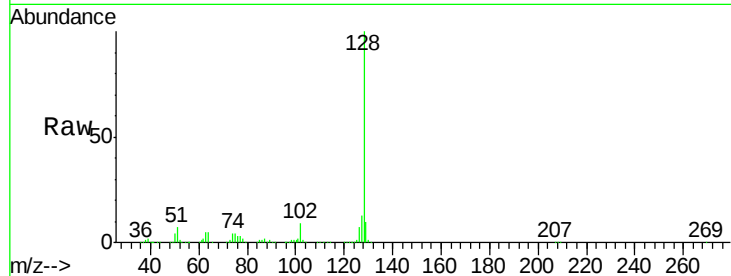
ClientSampleId :

VX0713WBSD01

Tot Ion:	128	Resp:	305657
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.2	15.4
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/14/2020 11:36:14 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.793 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017362.D

Acq: 13 Jul 2020 18:44

Tgt Ion:	180	Resp:	97503
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.8	146.3
145	33.4	16.6	49.7

