

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017506.D
 Acq On : 23 Jul 2020 21:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 9:56:10 AM

Quant Time: Jul 24 06:49:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	507205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	787555	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	807763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	385163	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	335410	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	5.47	113	259120	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	8.70	98	1038651	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
62) 4-Bromofluorobenzene	11.12	95	355884	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	242047	51.467	ug/l	99
3) Chloromethane	1.32	50	337756	53.844	ug/l	100
4) Vinyl Chloride	1.39	62	318743	49.940	ug/l	100
5) Bromomethane	1.62	94	189811	55.675	ug/l	97
6) Chloroethane	1.71	64	188082	53.493	ug/l	98
7) Trichlorofluoromethane	1.92	101	483728	48.185	ug/l	99
8) Diethyl Ether	2.17	74	175212	53.941	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	261886	47.537	ug/l	98
10) Methyl Iodide	2.49	142	340578	48.322	ug/l	99
11) Tert butyl alcohol	3.02	59	371167	270.303	ug/l	100
12) 1,1-Dichloroethene	2.35	96	269441	51.431	ug/l	95
13) Acrolein	2.28	56	253773	242.193	ug/l	100
14) Allyl chloride	2.71	41	481566	50.341	ug/l	100
15) Acrylonitrile	3.12	53	756349	255.020	ug/l	99
16) Acetone	2.42	43	773974	269.903	ug/l	100
17) Carbon Disulfide	2.55	76	772117	48.489	ug/l	100
18) Methyl Acetate	2.75	43	333945	49.447	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	906404	49.987	ug/l	99
20) Methylene Chloride	2.84	84	283284	52.517	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	272704	48.590	ug/l	98
22) Diisopropyl ether	3.82	45	902220	51.581	ug/l #	83
23) Vinyl Acetate	3.79	43	4154538	266.392	ug/l	98
24) 1,1-Dichloroethane	3.67	63	515735	51.185	ug/l	98
25) 2-Butanone	4.64	43	1235015	303.166	ug/l	98
26) 2,2-Dichloropropane	4.55	77	418188	46.366	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	337521	55.369	ug/l	98
28) Bromochloromethane	4.99	49	236002	51.687	ug/l	97
29) Tetrahydrofuran	5.09	42	706808	280.105	ug/l	99
30) Chloroform	5.18	83	520252	50.533	ug/l	100
31) Cyclohexane	5.55	56	376239	46.825	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	485356	49.994	ug/l	99
36) 1,1-Dichloropropene	5.77	75	363869	48.173	ug/l	98
37) Ethyl Acetate	4.79	43	461100	55.793	ug/l	100
38) Carbon Tetrachloride	5.76	117	436302	47.566	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	376454	42.693	ug/l	98
40) Benzene	6.12	78	1065041	49.182	ug/l	99
41) Methacrylonitrile	5.01	41	249233	52.612	ug/l	98
42) 1,2-Dichloroethane	6.16	62	453869	51.231	ug/l	100
43) Isopropyl Acetate	6.42	43	705882	51.766	ug/l	100
44) Trichloroethene	7.19	130	307736	48.627	ug/l	96
45) 1,2-Dichloropropane	7.49	63	271938	45.299	ug/l	99
46) Dibromomethane	7.64	93	196175	46.240	ug/l	97
47) Bromodichloromethane	7.88	83	409765	48.002	ug/l	99
48) Methyl methacrylate	7.75	41	333703	49.370	ug/l	100
49) 1,4-Dioxane	7.71	88	140113	1081.196	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2499939	307.266	ug/l	99
52) Toluene	8.77	92	768592	55.343	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	529689	55.431	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	547086	56.129	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	337020	58.254	ug/l	99
56) Ethyl methacrylate	9.16	69	520473	59.714	ug/l	99
57) 1,3-Dichloropropane	9.35	76	553340	58.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1311397	285.582	ug/l	100
59) 2-Hexanone	9.48	43	1948790	318.141	ug/l	99
60) Dibromochloromethane	9.57	129	416641	56.661	ug/l	99
61) 1,2-Dibromoethane	9.65	107	365456	59.333	ug/l	100
64) Tetrachloroethene	9.32	164	328927	45.370	ug/l	97
65) Chlorobenzene	10.12	112	804391	46.007	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	336667	47.711	ug/l	99
67) Ethyl Benzene	10.23	91	1399231	47.942	ug/l	98
68) m/p-Xylenes	10.34	106	1057993	93.574	ug/l	98
69) o-Xylene	10.68	106	505354	46.472	ug/l	99
70) Styrene	10.69	104	875490	47.319	ug/l	99
71) Bromoform	10.84	173	286225	46.818	ug/l #	100
73) Isopropylbenzene	11.00	105	1281261	48.491	ug/l	100
74) N-amyl acetate	10.88	43	596408	50.802	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	393485	47.710	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	385884m	48.704	ug/l	
77) Bromobenzene	11.24	156	356544	48.200	ug/l	99
78) n-propylbenzene	11.34	91	1427167	47.890	ug/l	100
79) 2-Chlorotoluene	11.40	91	869264	47.088	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1116410	49.486	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	147282	46.841	ug/l	96
82) 4-Chlorotoluene	11.49	91	1052540	48.335	ug/l	100
83) tert-Butylbenzene	11.76	119	1068973	49.520	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1114632	49.674	ug/l	99
85) sec-Butylbenzene	11.93	105	1217037	48.397	ug/l	100
86) p-Isopropyltoluene	12.05	119	1167466	48.751	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	604855	47.616	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	609553	46.327	ug/l	99
89) n-Butylbenzene	12.37	91	984619	46.142	ug/l	98
90) Hexachloroethane	12.58	117	217650	46.100	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	582174	46.631	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106142	45.739	ug/l	98

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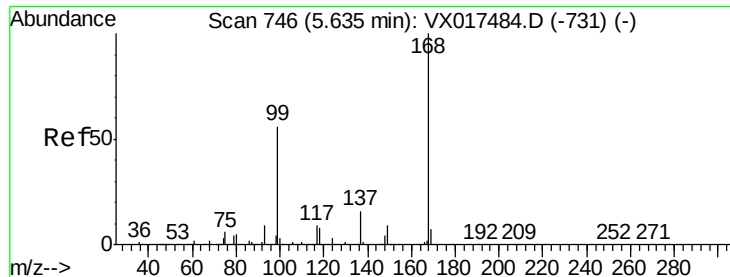
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	424613	49.834	ug/l	98
94) Hexachlorobutadiene	13.77	225	175596	44.770	ug/l	96
95) Naphthalene	13.82	128	1335827	52.518	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	423103	50.291	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 507205

Ion Ratio Lower Upper

168 100

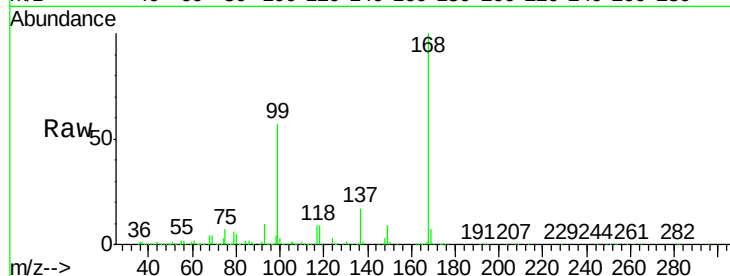
99 56.6 43.4 65.2

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

200000

150000

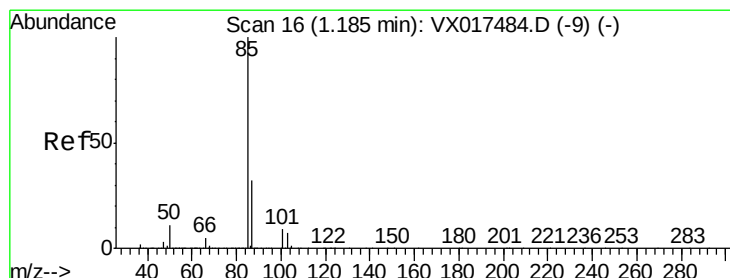
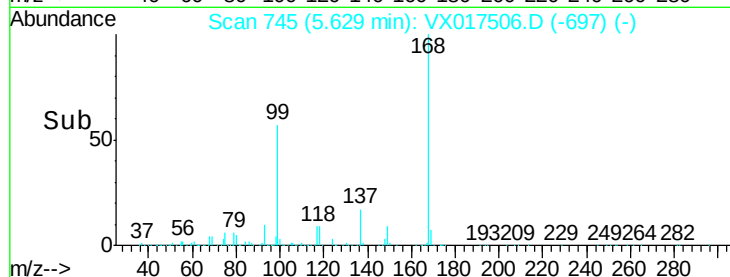
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 51.467 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017506.D

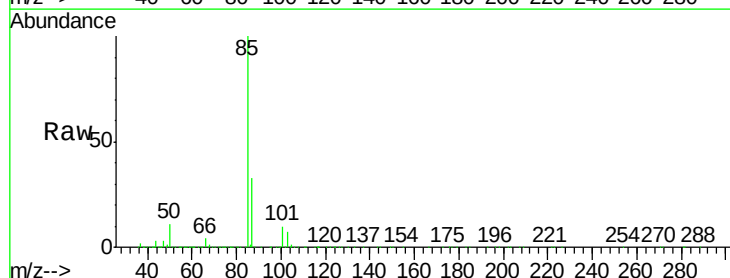
Acq: 23 Jul 2020 21:18

Tgt Ion: 85 Resp: 242047

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

150000

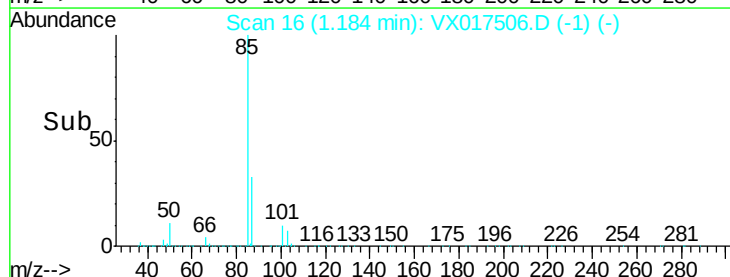
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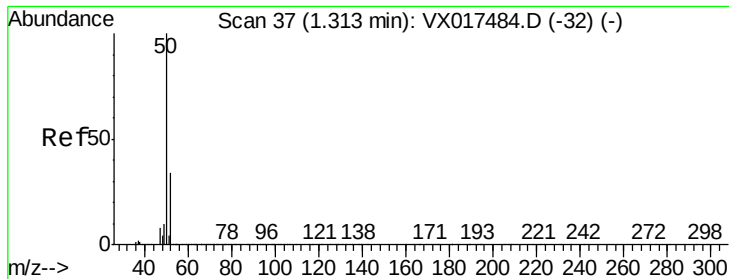
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 53.844 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 337756

Ion Ratio Lower Upper

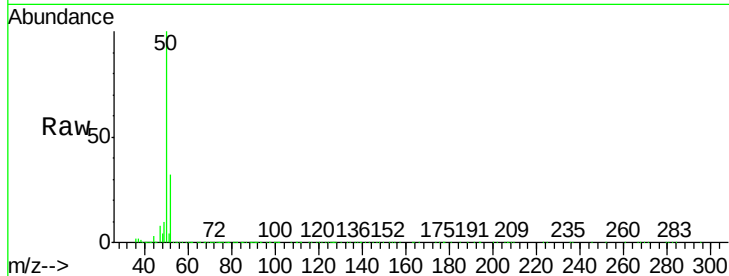
50 100

52 32.2 25.9 38.9

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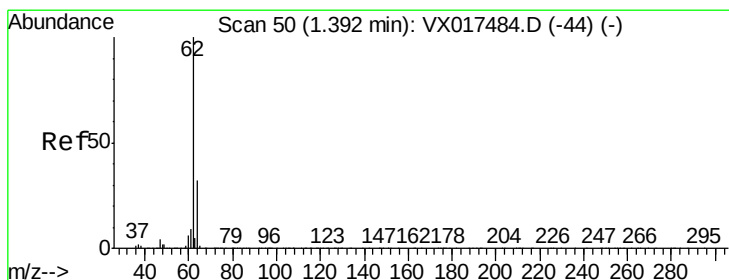
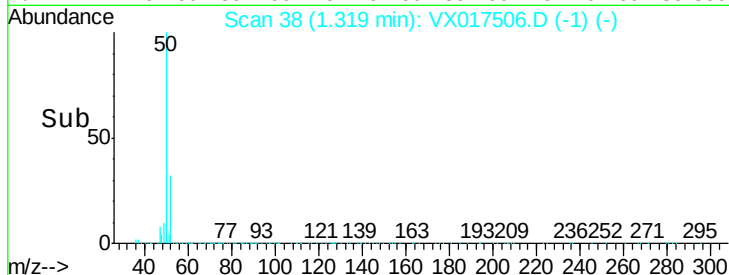
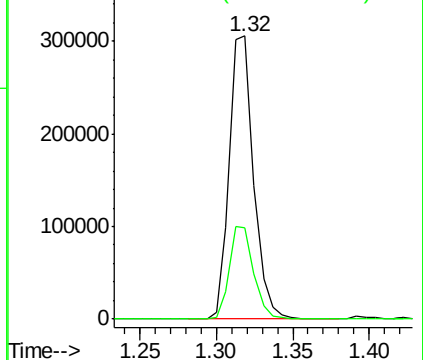
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.940 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017506.D

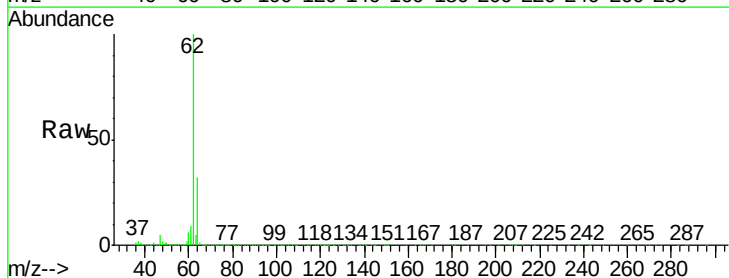
Acq: 23 Jul 2020 21:18

Tgt Ion: 62 Resp: 318743

Ion Ratio Lower Upper

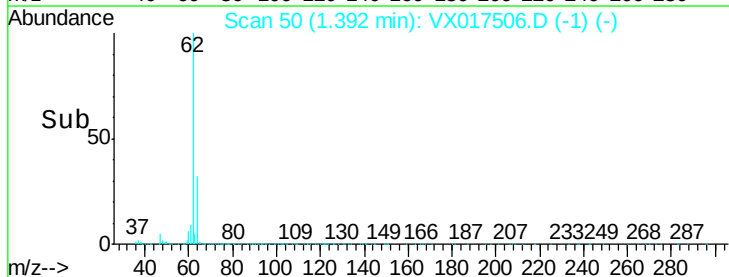
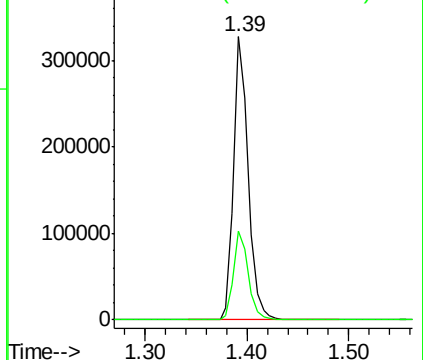
62 100

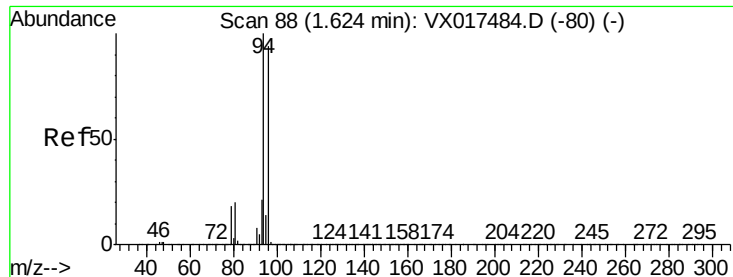
64 31.6 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.675 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 189811

Ion Ratio Lower Upper

94 100

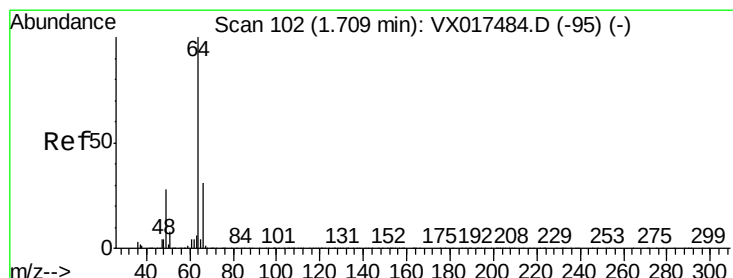
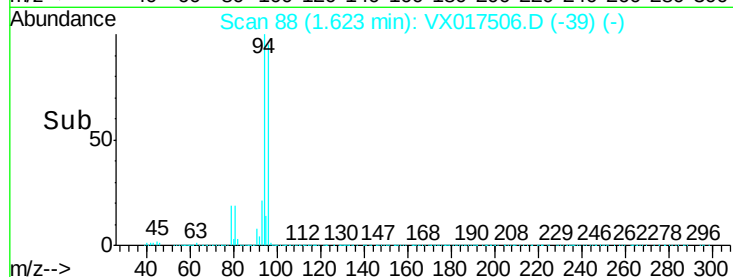
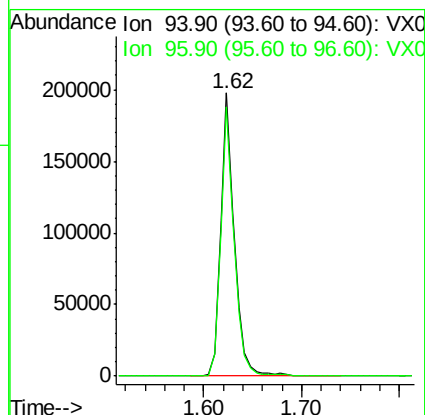
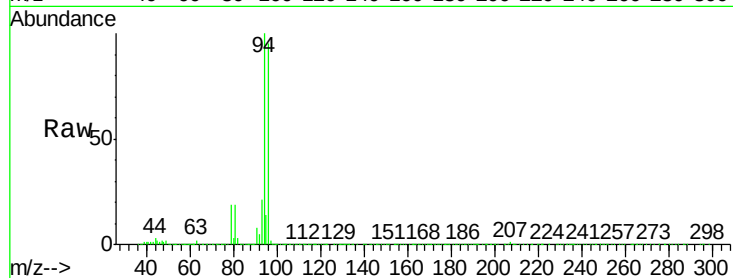
96 95.3 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 53.493 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017506.D

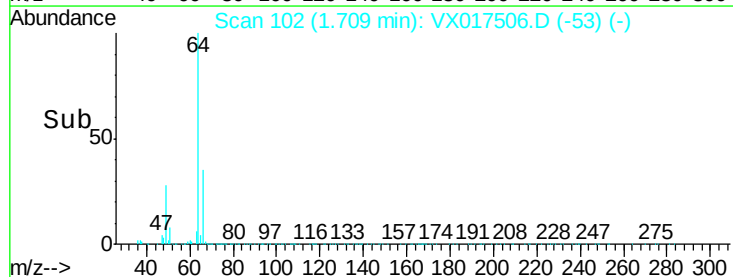
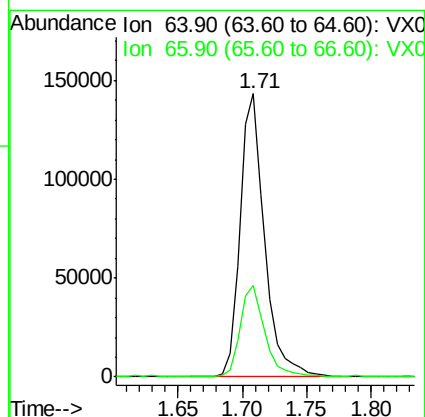
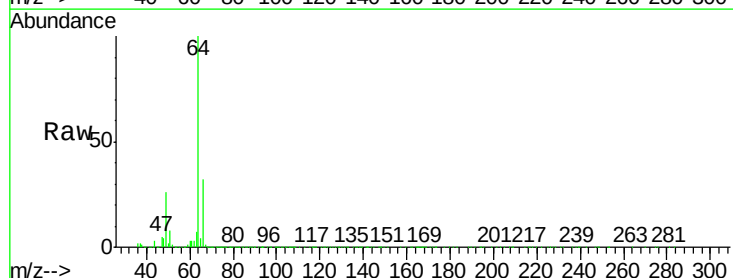
Acq: 23 Jul 2020 21:18

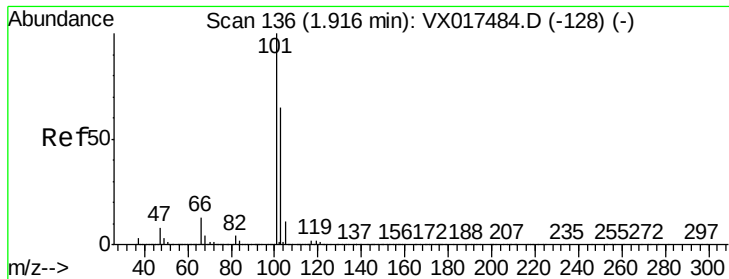
Tgt Ion: 64 Resp: 188082

Ion Ratio Lower Upper

64 100

66 32.3 24.9 37.3





#7

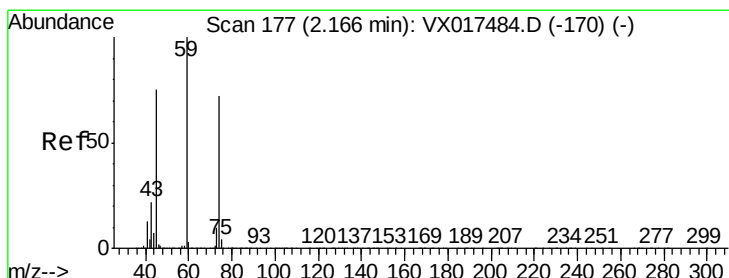
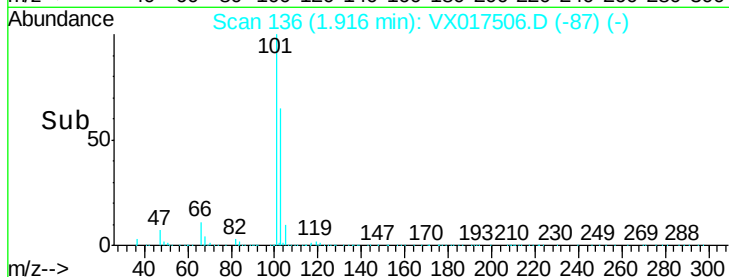
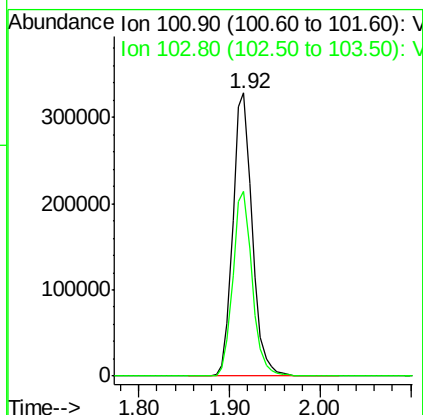
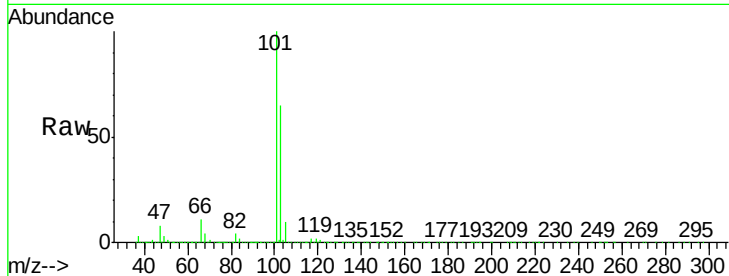
Trichlorofluoromethane
Concen: 48.185 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.8	77.8

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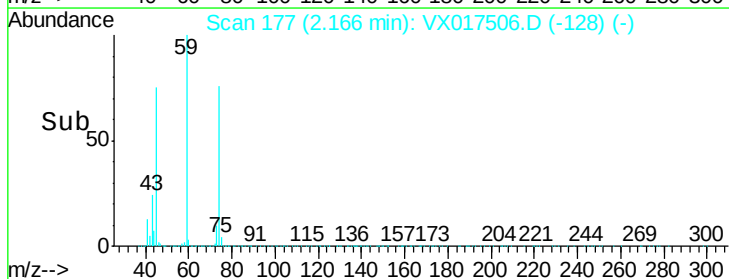
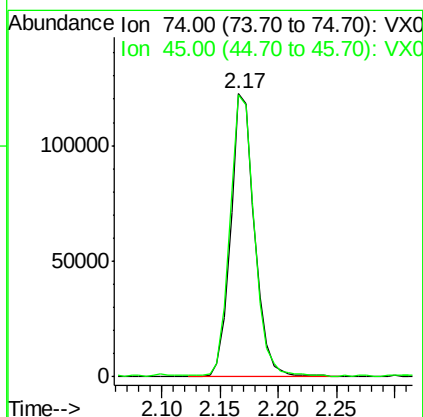
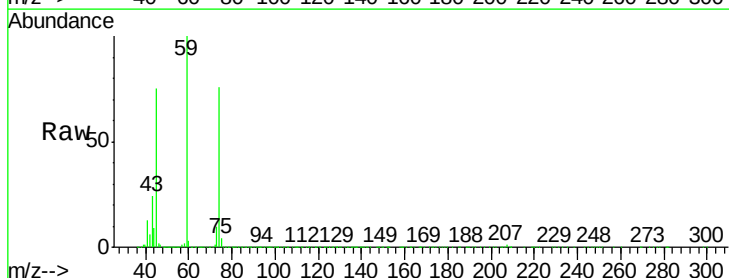
MMDadoda
7/24/2020 9:56:10 AM

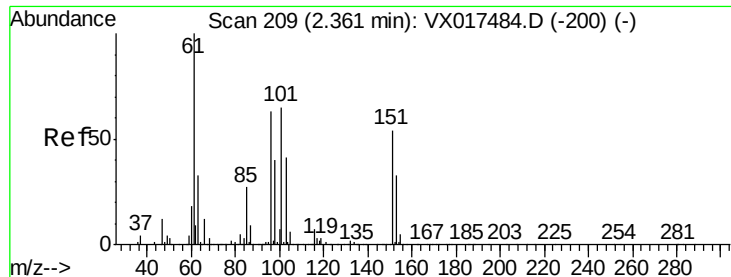


#8

Diethyl Ether
Concen: 53.941 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.3	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.537 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017506.D

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Instrument :

MSVOA_X

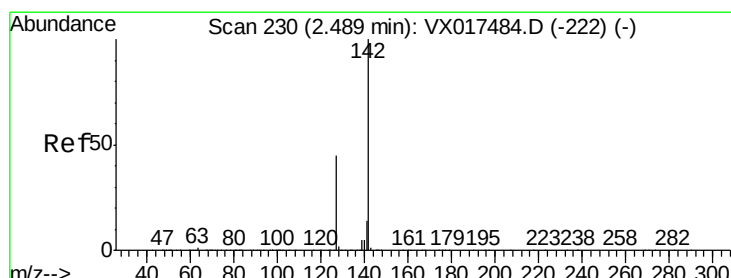
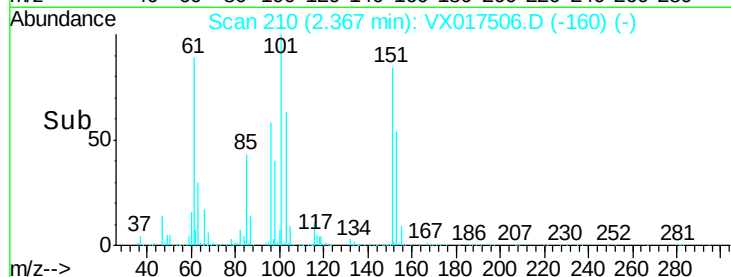
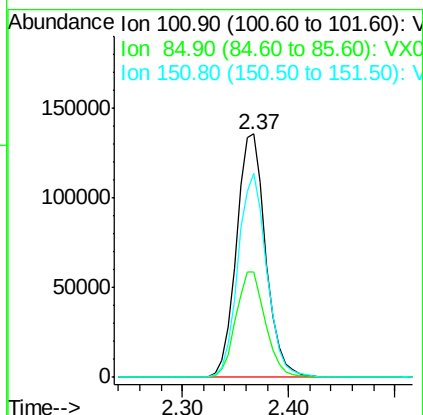
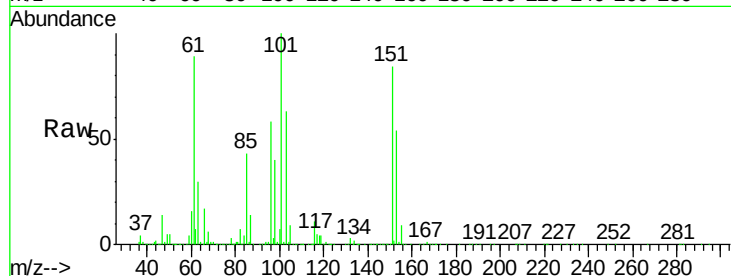
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	261886
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.8	52.2
151	82.5	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 48.322 ug/l

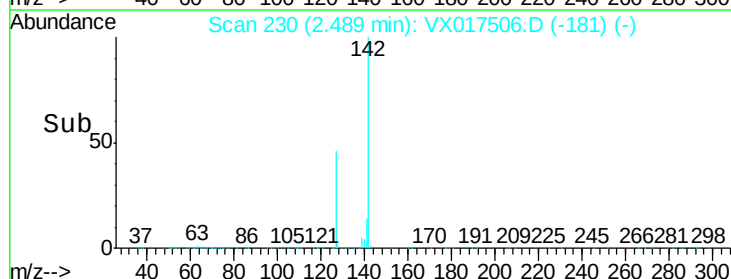
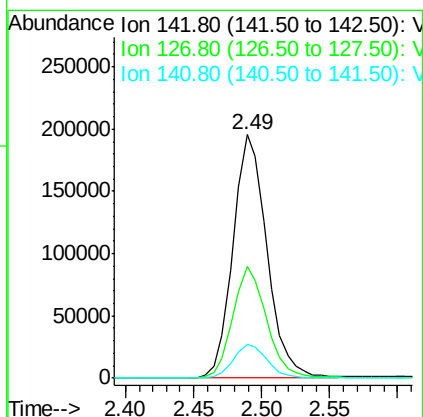
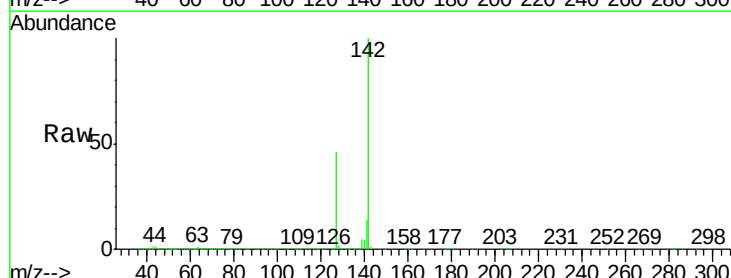
RT: 2.49 min Scan# 230

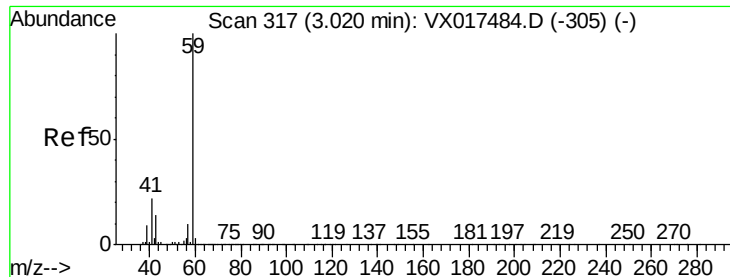
Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Tgt Ion:	142	Resp:	340578
Ion Ratio	Lower	Upper	
142	100		
127	45.7	35.9	53.9
141	14.1	11.4	17.0





#11

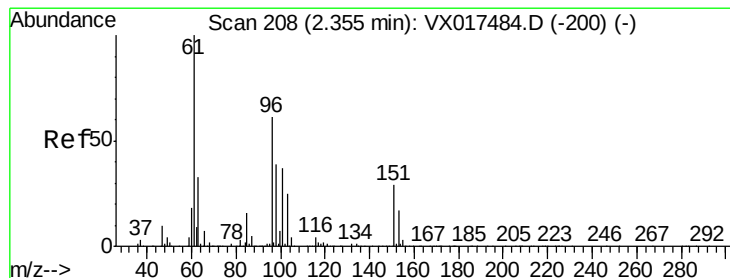
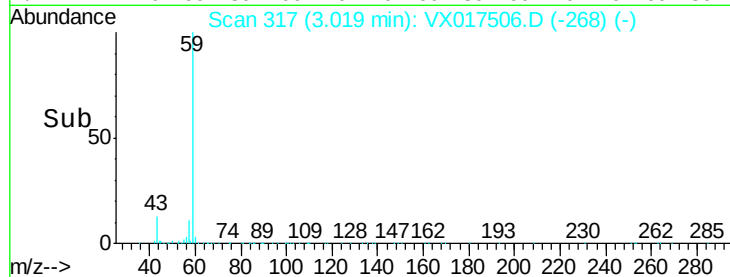
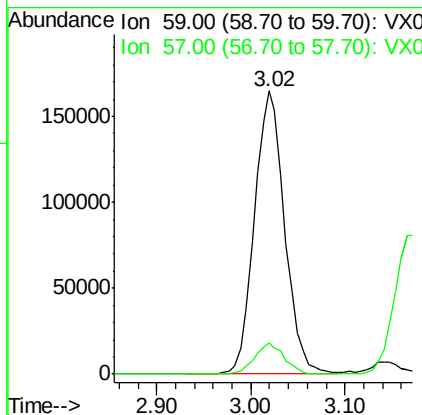
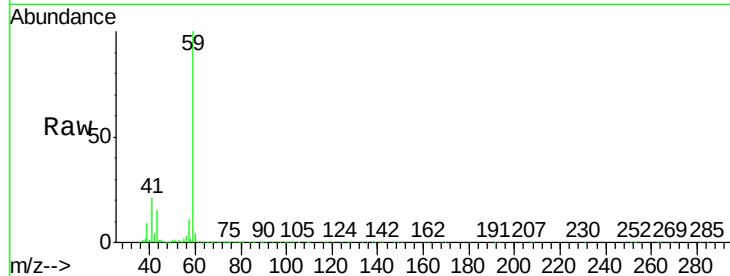
Tert butyl alcohol
Concen: 270.303 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	12.8

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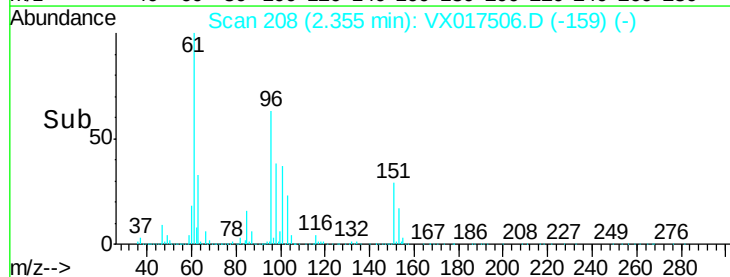
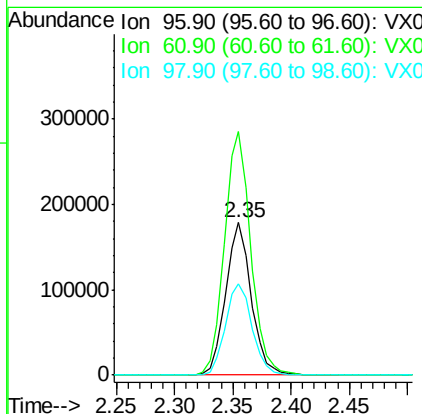
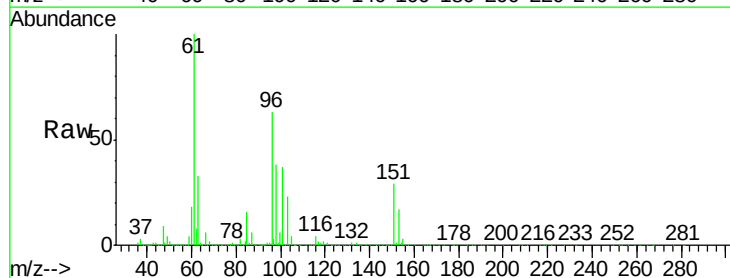
MMDadoda
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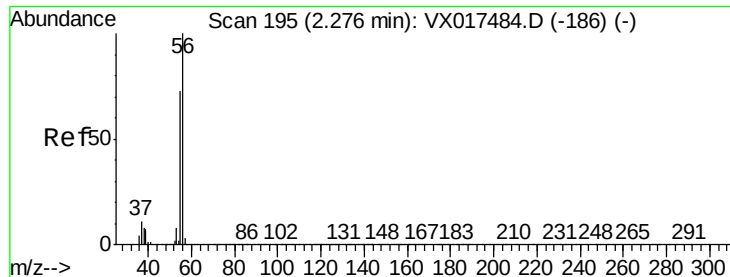


#12

1,1-Dichloroethene
Concen: 51.431 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.7	134.0	201.0
98	60.3	51.0	76.4





#13

Acrolein

Concen: 242.193 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 253773

Ion Ratio Lower Upper

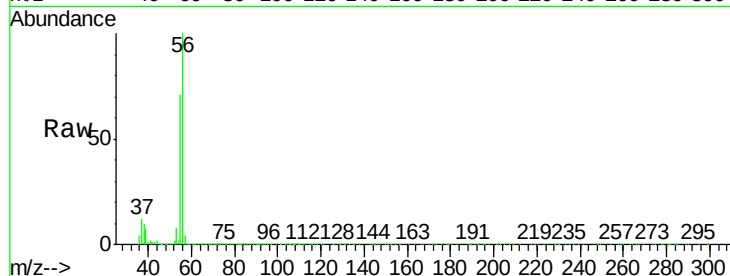
56 100

55 71.4 57.4 86.2

Manual Integrations
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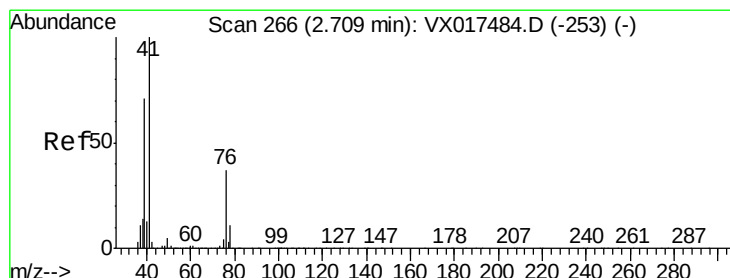
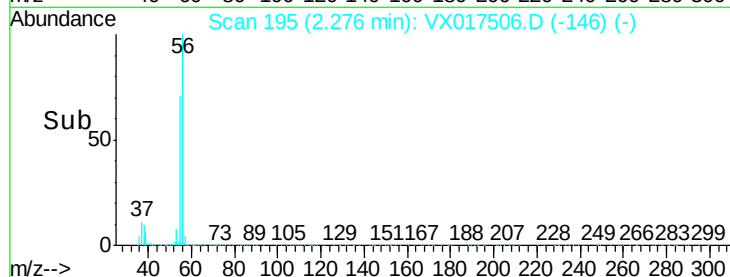
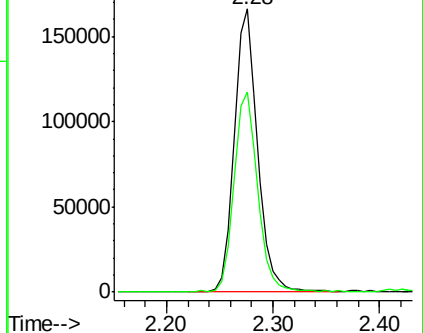
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.341 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

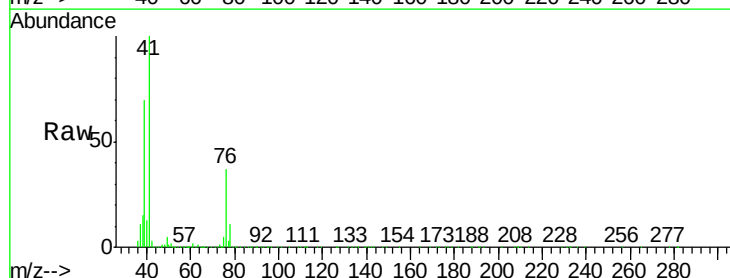
Tgt Ion: 41 Resp: 481566

Ion Ratio Lower Upper

41 100

39 65.2 51.9 77.9

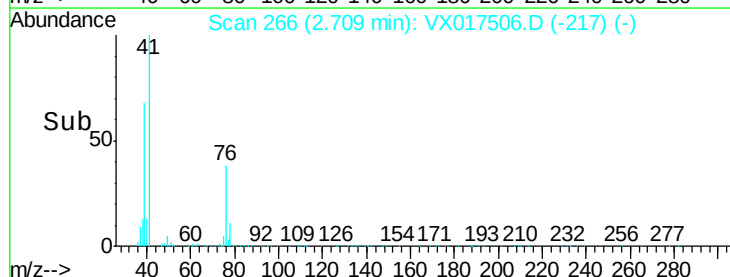
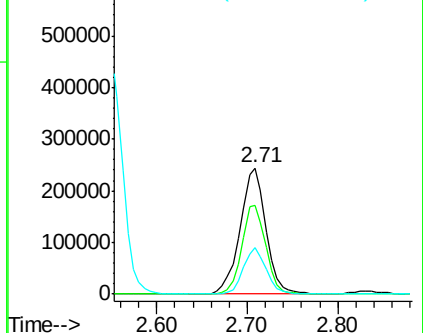
76 31.8 25.5 38.3

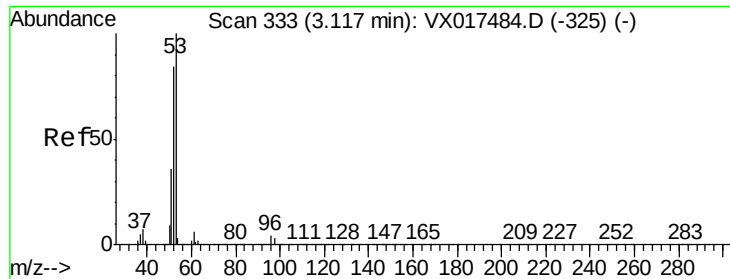


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 255.020 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

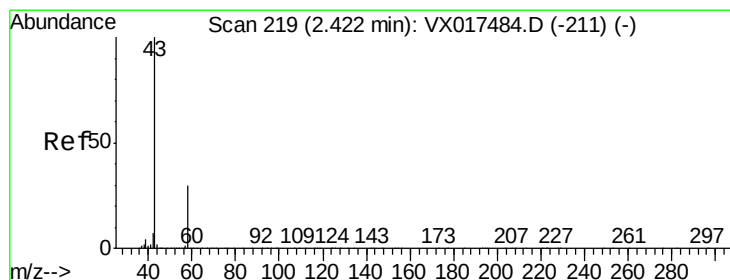
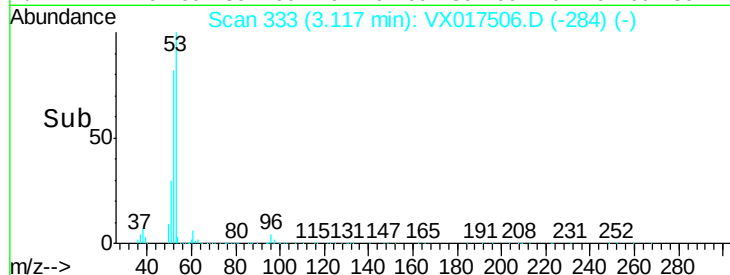
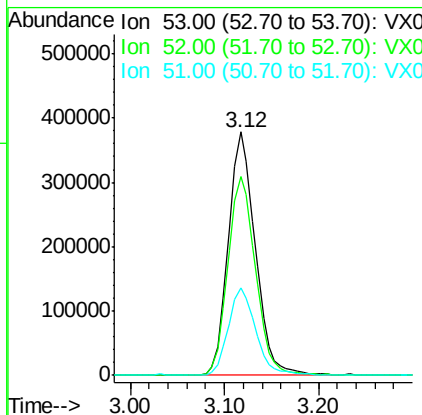
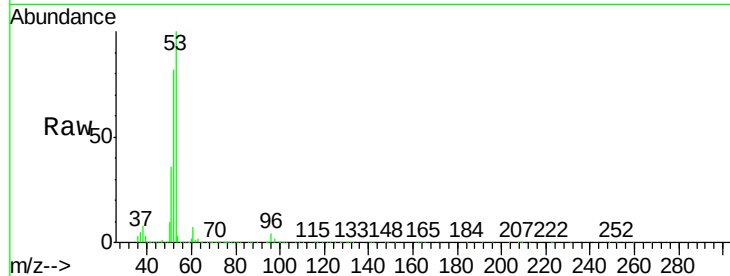
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	756349
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.6	99.8
51	36.5	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 269.903 ug/l

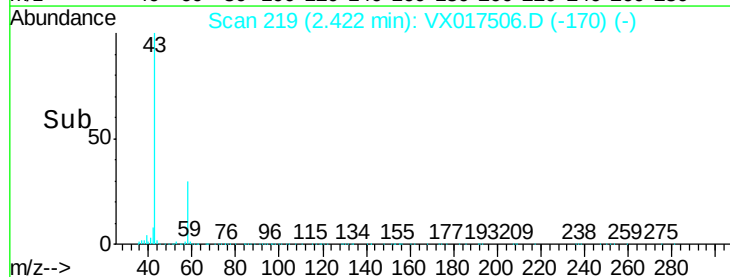
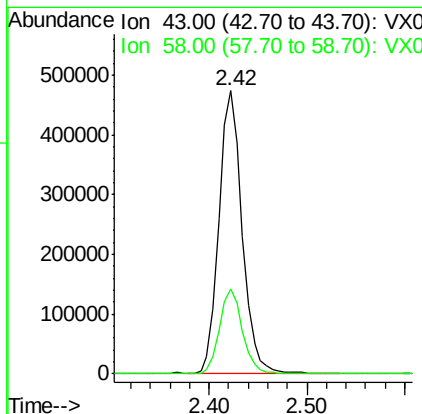
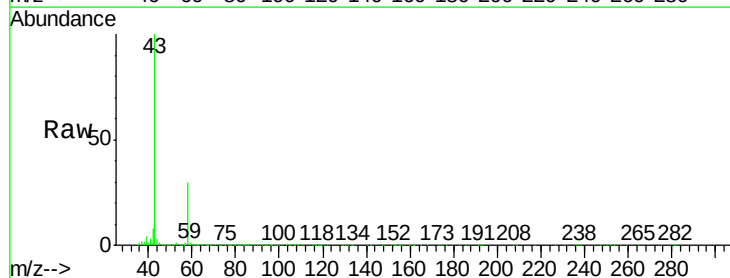
RT: 2.42 min Scan# 219

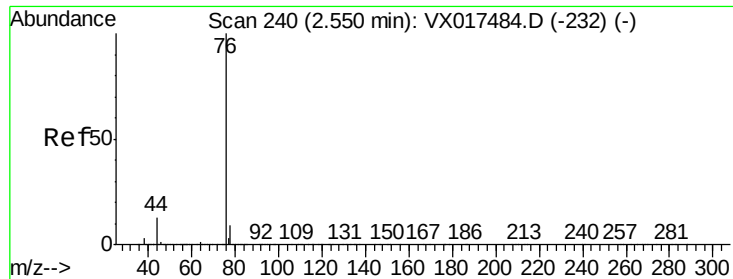
Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Tgt Ion:	43	Resp:	773974
Ion Ratio	Lower	Upper	
43	100		
58	30.1	24.2	36.4





#17

Carbon Disulfide

Concen: 48.489 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 772117

Ion Ratio Lower Upper

76 100

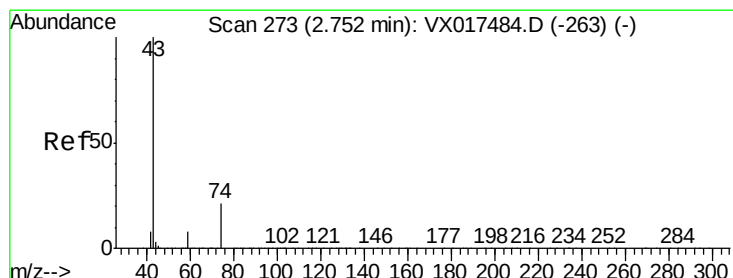
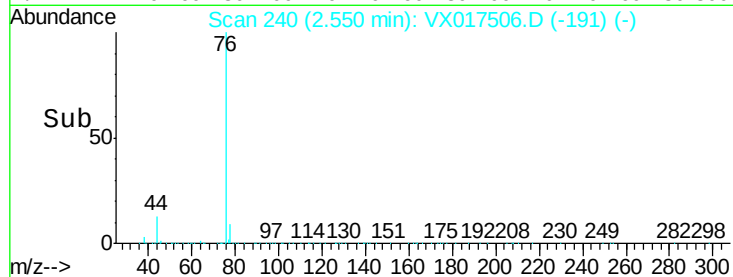
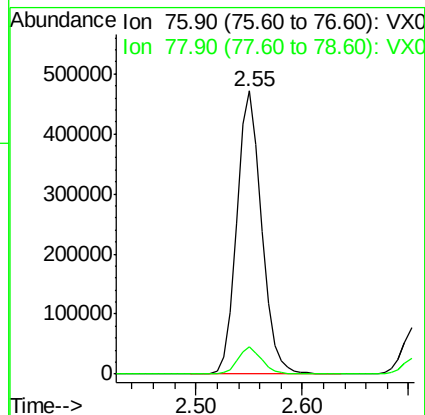
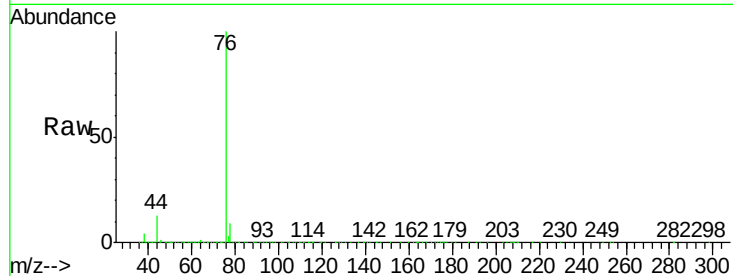
78 9.4 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 49.447 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017506.D

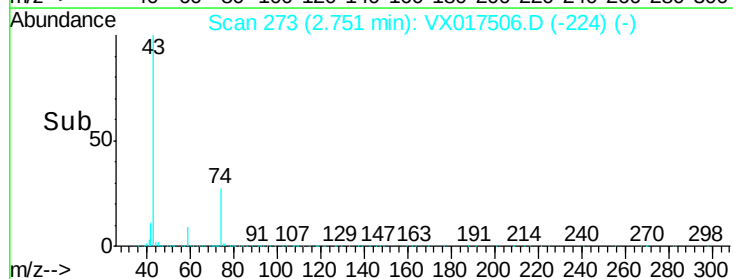
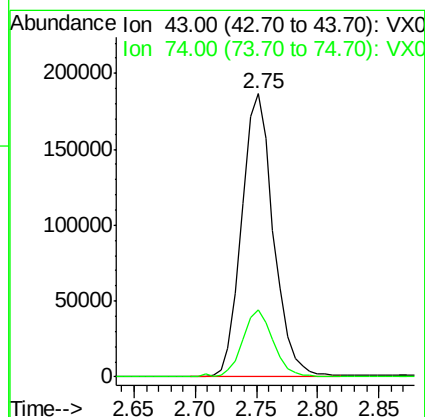
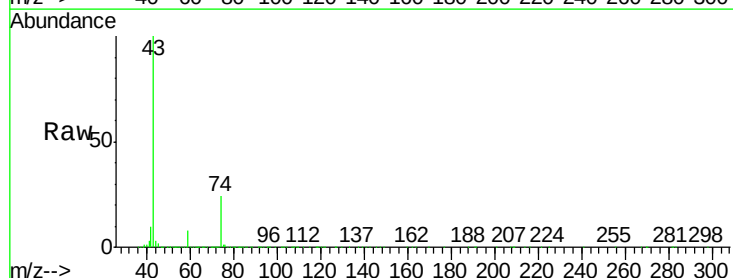
Acq: 23 Jul 2020 21:18

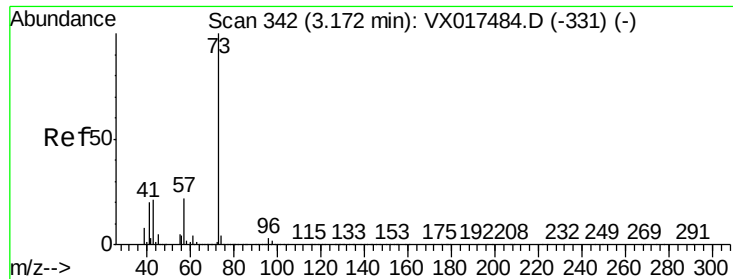
Tgt Ion: 43 Resp: 333945

Ion Ratio Lower Upper

43 100

74 23.6 17.5 26.3





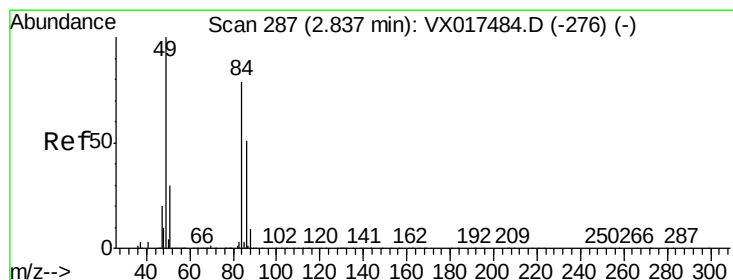
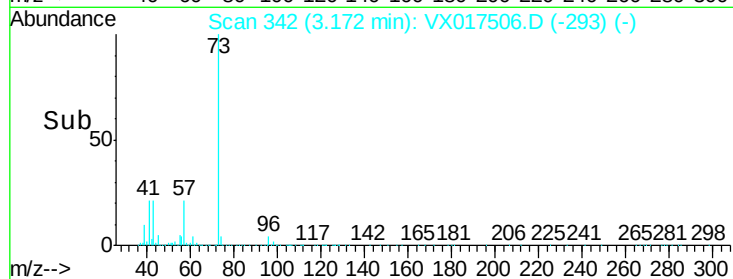
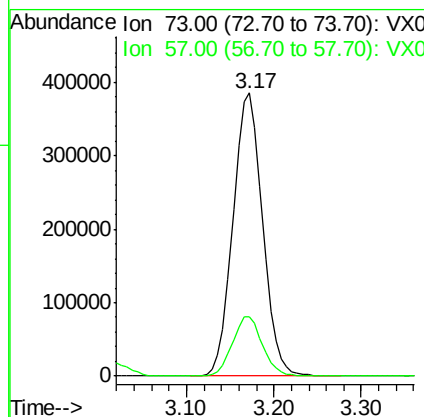
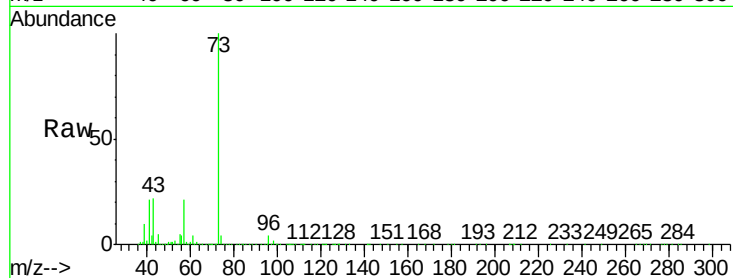
#19
Methyl tert-butyl Ether
Concen: 49.987 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.0	25.4

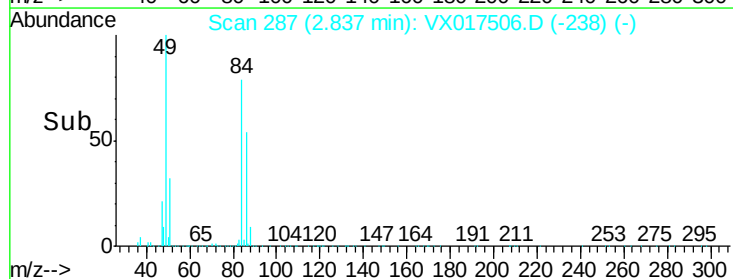
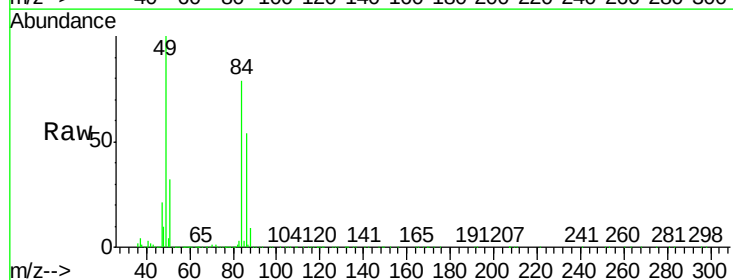
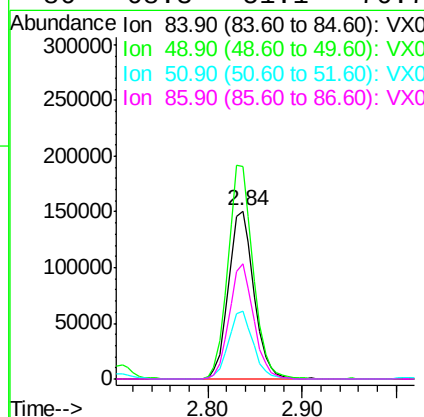
Manual Integrations
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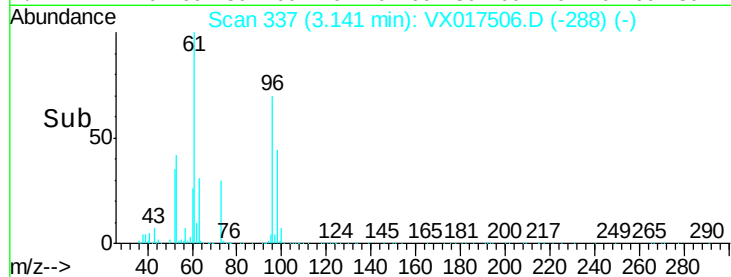
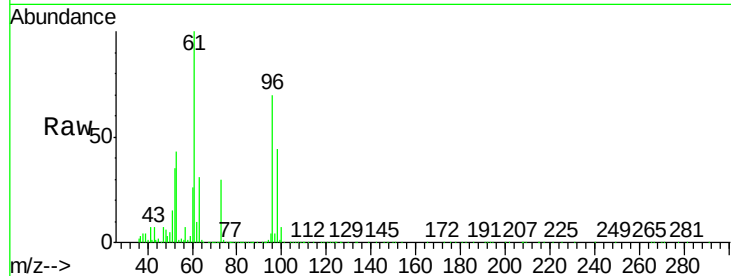
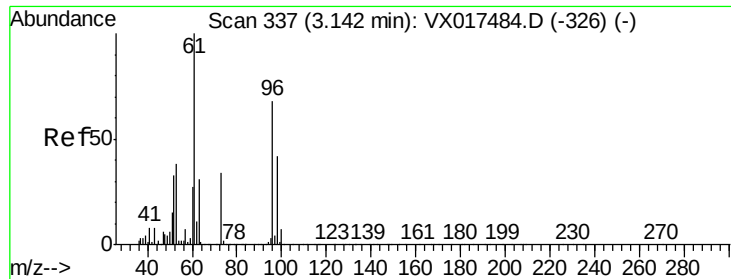
MMDadoda
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#20
Methylene Chloride
Concen: 52.517 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.0	100.3	150.5
51	40.0	30.5	45.7
86	68.3	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 48.590 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Tot Ion:	96	Resp:	272704
Ion	Ratio	Lower	Upper
96	100		
61	142.8	113.0	169.4
98	63.2	51.8	77.8

Instrument :

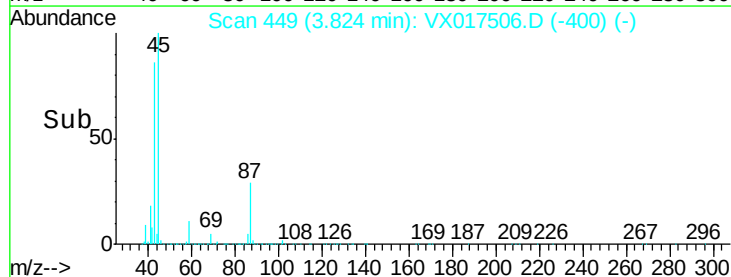
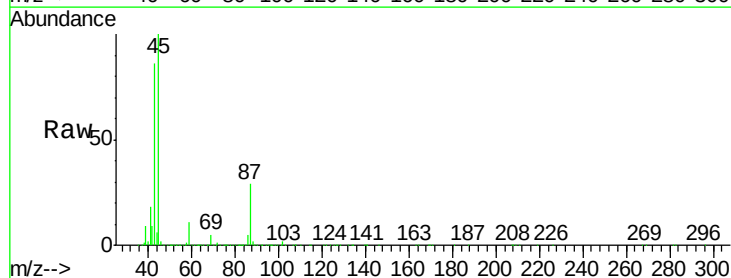
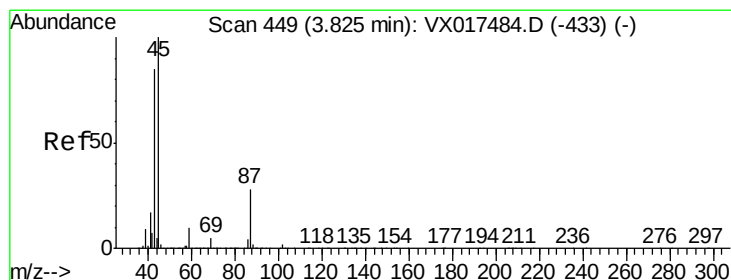
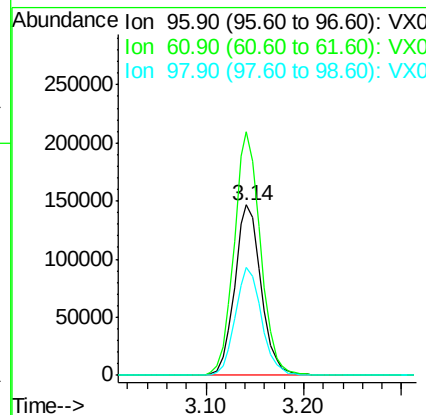
MSVOA_X

ClientSampleId :

VSTDCCC050

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#22

Diisopropyl ether

Concen: 51.581 ug/l

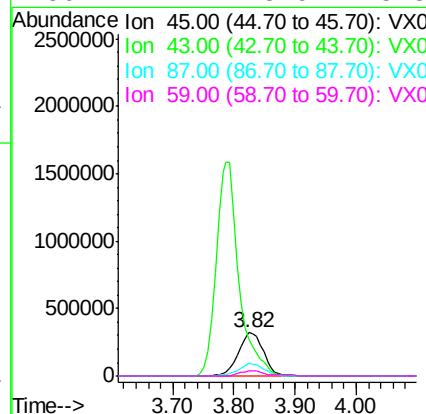
RT: 3.82 min Scan# 449

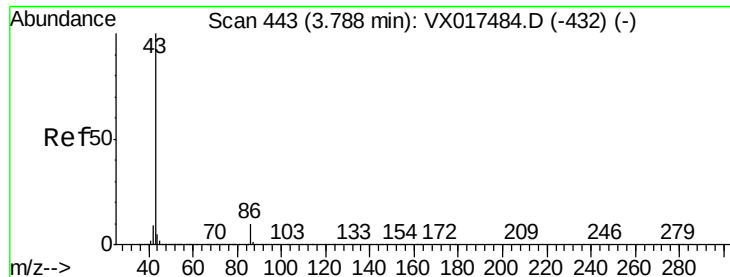
Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Tgt Ion:	45	Resp:	902220
Ion	Ratio	Lower	Upper
45	100		
43	85.4	52.0	78.0#
87	29.2	22.2	33.4
59	11.4	8.9	13.3





#23

Vinyl Acetate

Concen: 266.392 ug/l

RT: 3.79 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4154538

Ion Ratio Lower Upper

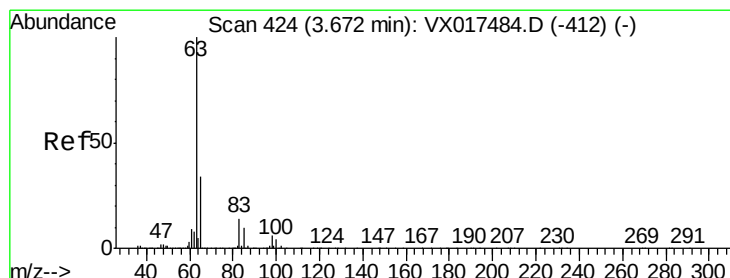
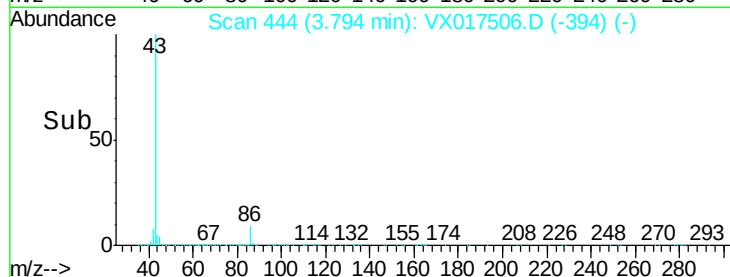
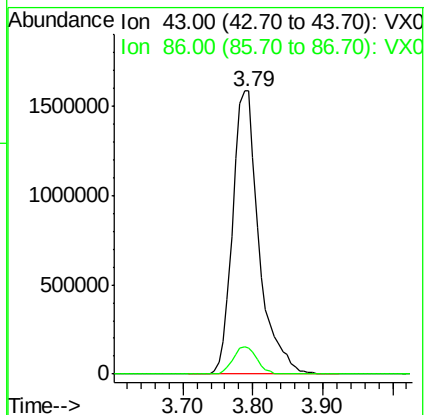
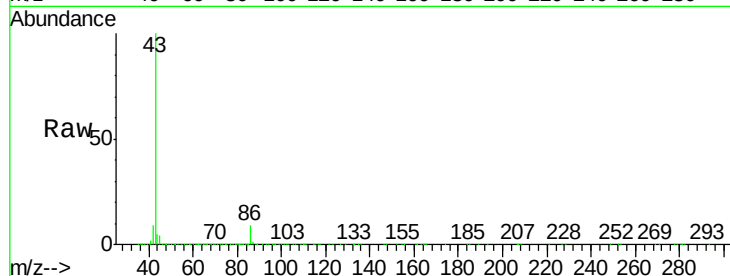
43 100

86 9.4 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 51.185 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

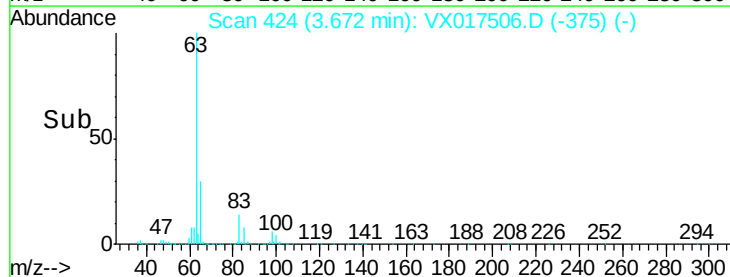
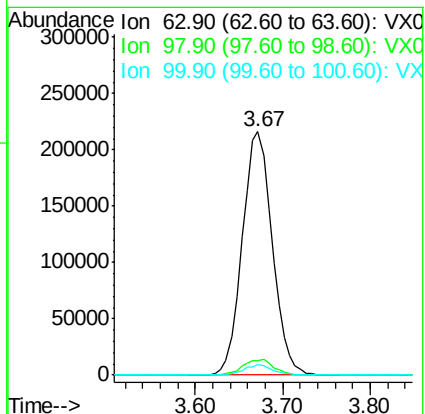
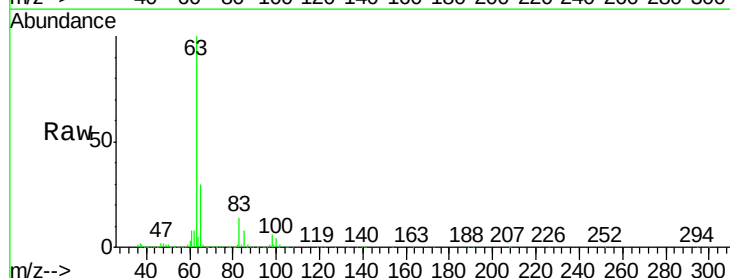
Tgt Ion: 63 Resp: 515735

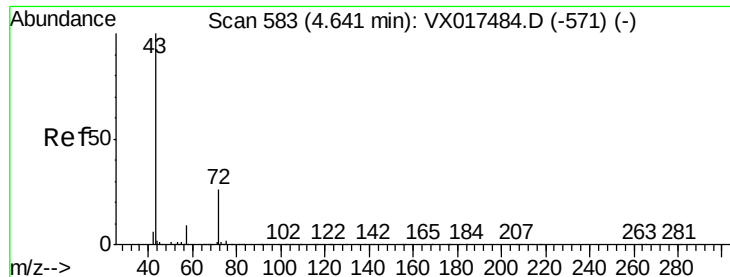
Ion Ratio Lower Upper

63 100

98 6.0 3.4 10.1

100 4.2 1.9 5.7





#25

2-Butanone

Concen: 303.166 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1235015

Ion Ratio Lower Upper

43 100

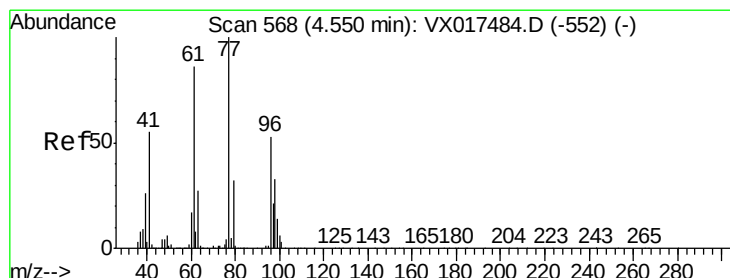
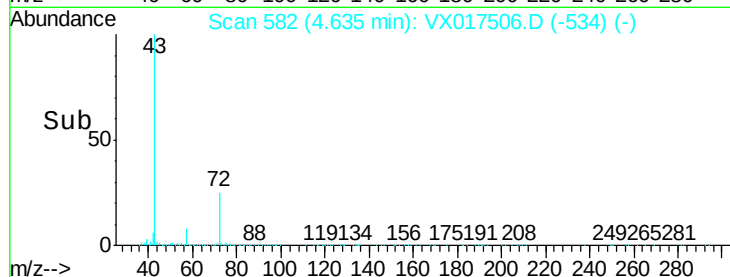
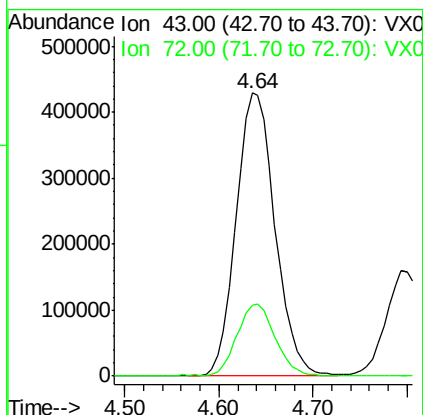
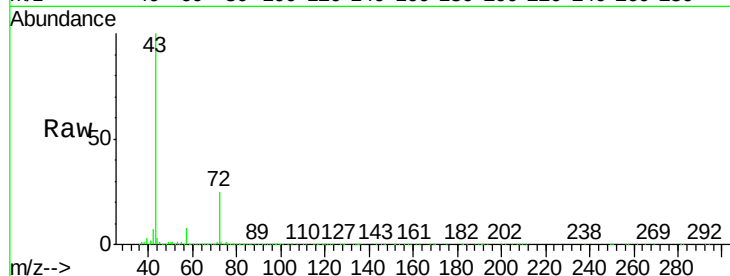
72 24.7 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.366 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017506.D

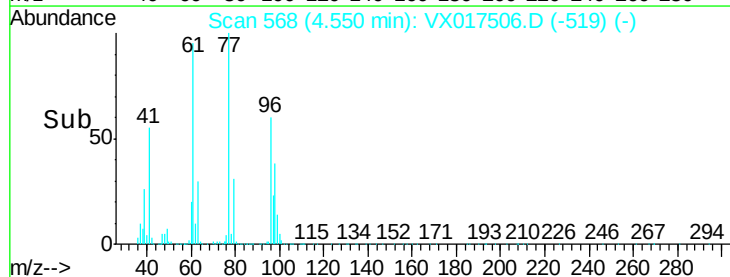
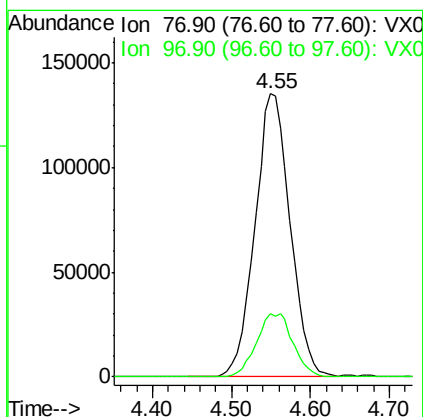
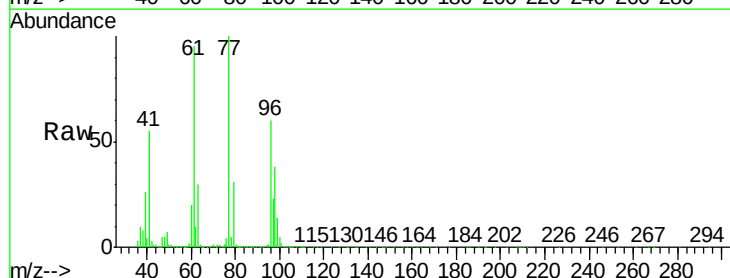
Acq: 23 Jul 2020 21:18

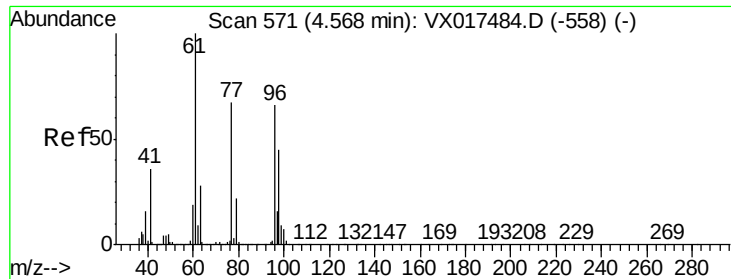
Tgt Ion: 77 Resp: 418188

Ion Ratio Lower Upper

77 100

97 23.2 10.9 32.9





#27

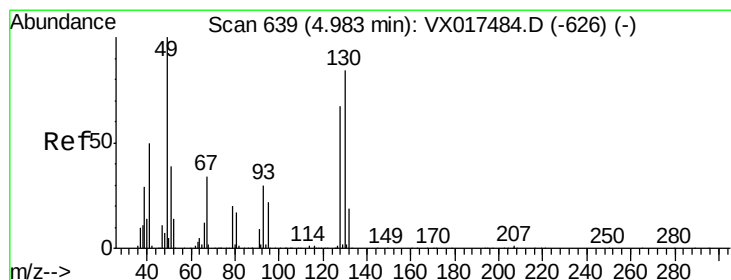
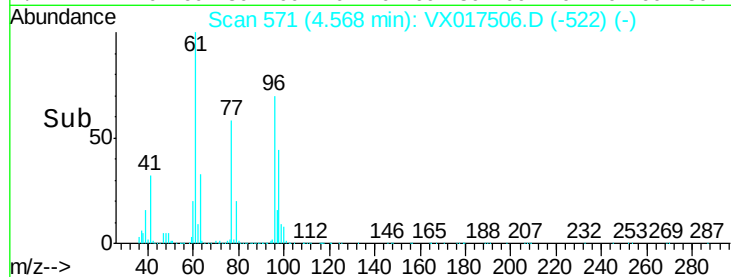
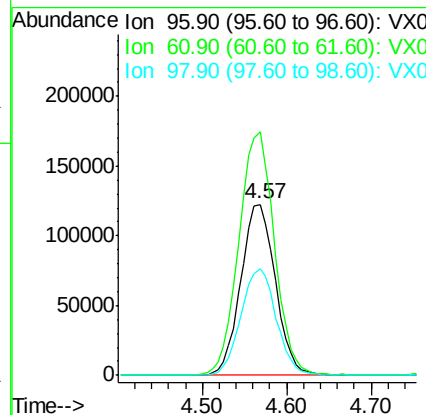
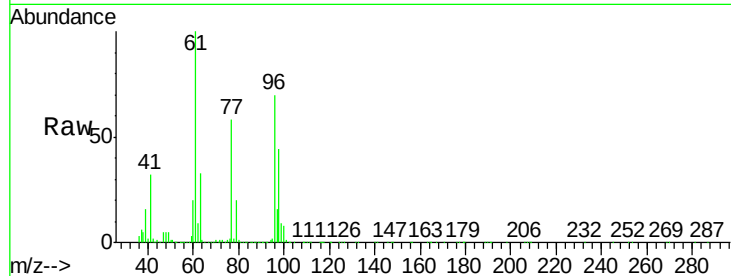
cis-1,2-Dichloroethene
Concen: 55.369 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	337521		
61	147.7	0.0	301.2	
98	64.5	0.0	130.0	

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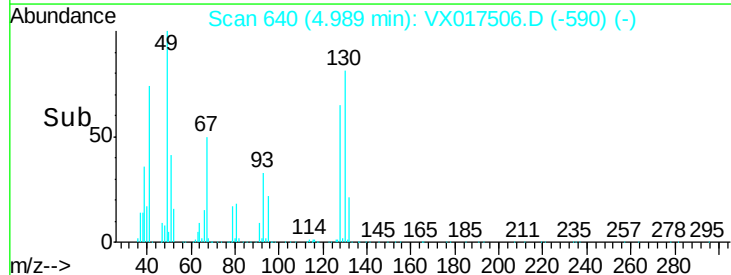
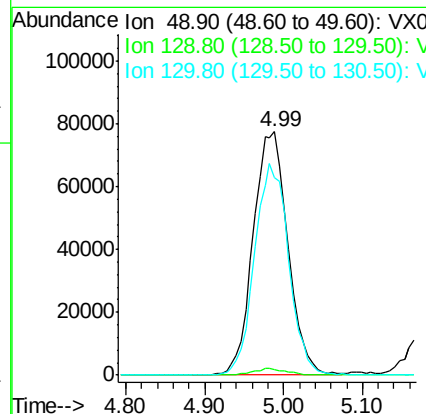
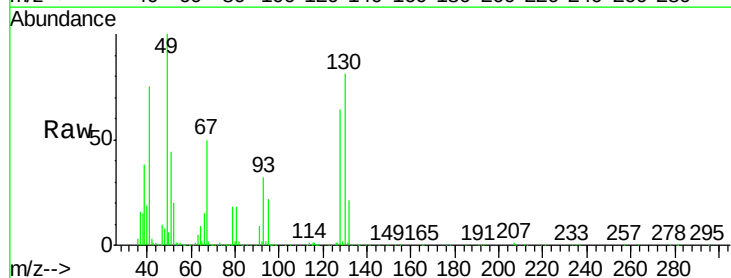
MMDadoda
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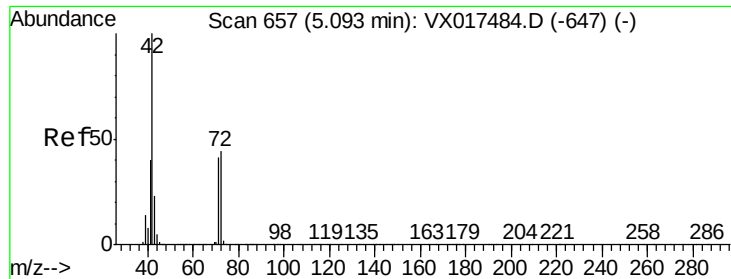


#28

Bromochloromethane
Concen: 51.687 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	236002		
129	2.5	0.0	4.6	
130	85.7	66.7	100.1	





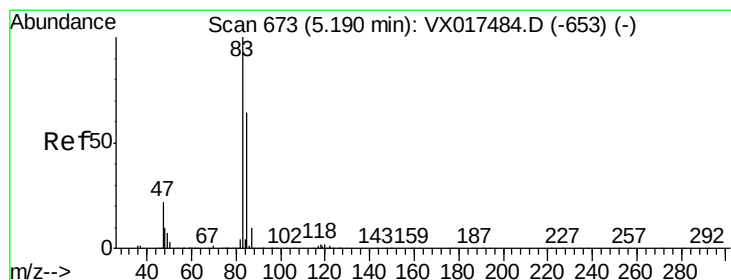
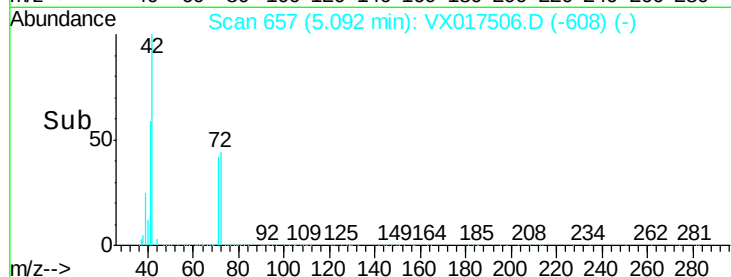
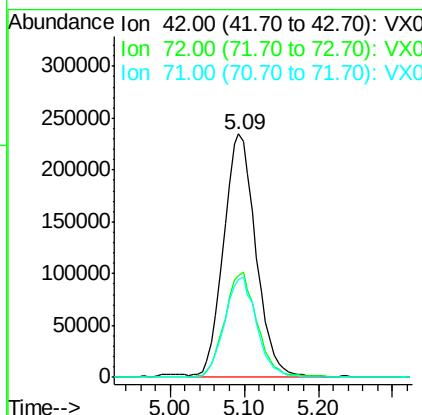
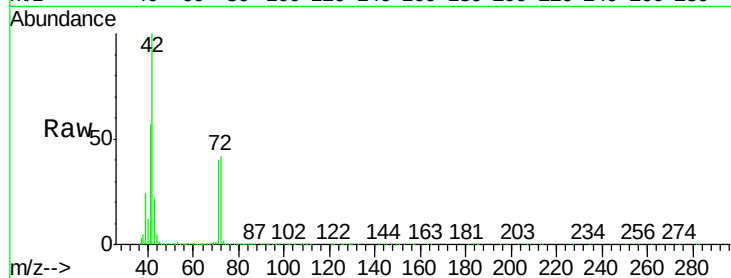
#29
Tetrahydrofuran
Concen: 280.105 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.5	53.3
71	41.0	33.0	49.4

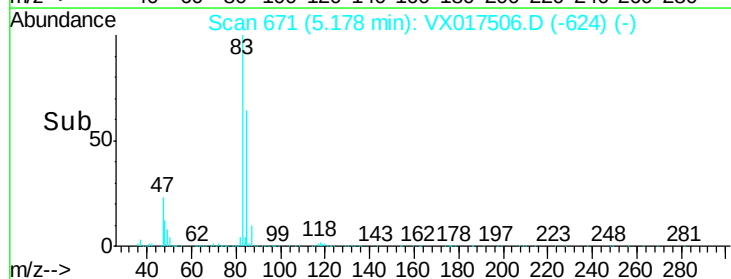
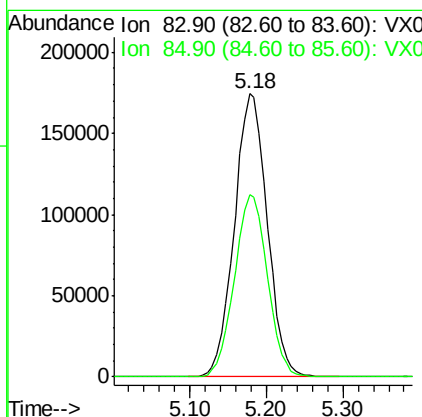
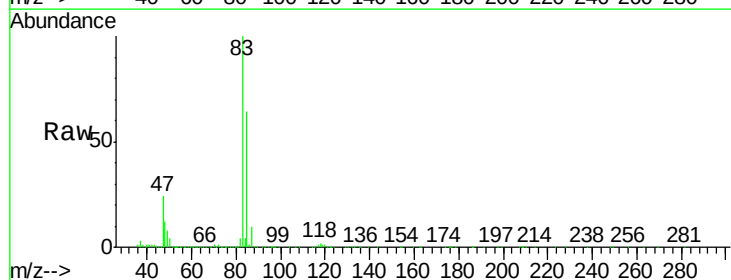
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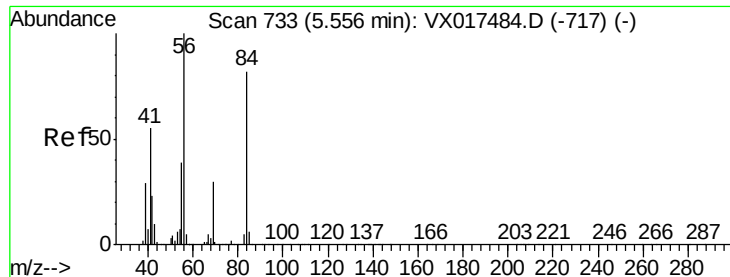
MMDadoda
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#30
Chloroform
Concen: 50.533 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2





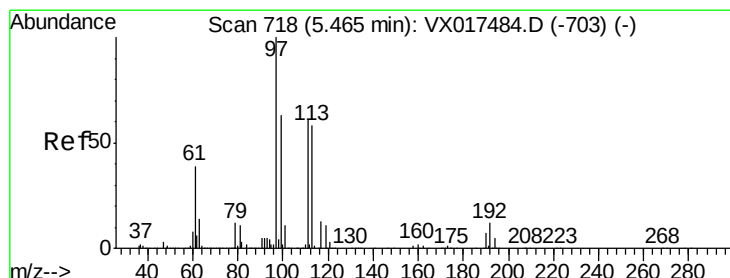
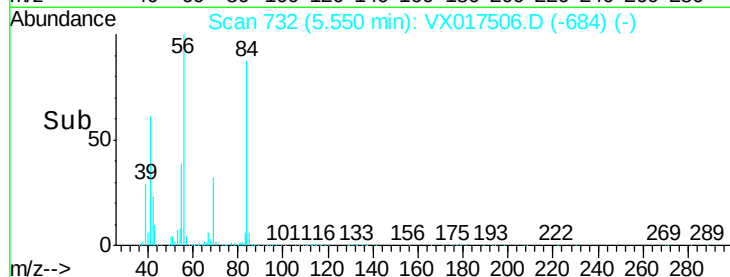
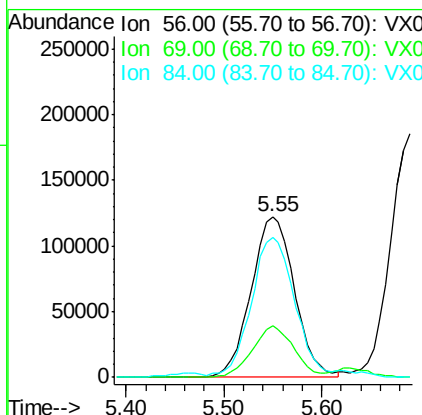
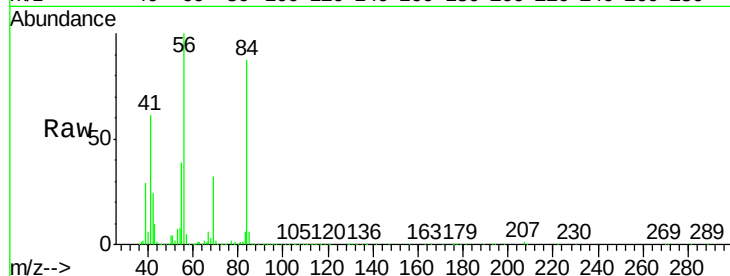
#31
Cyclohexane
Concen: 46.825 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.2	36.4
84	84.8	69.0	103.6

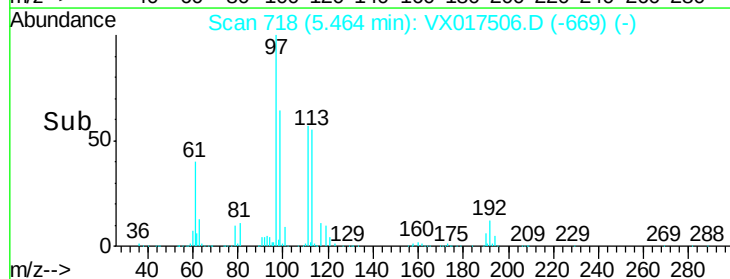
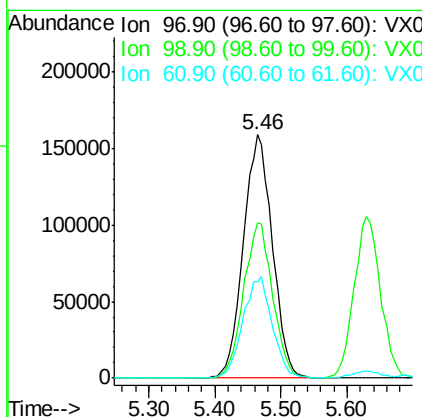
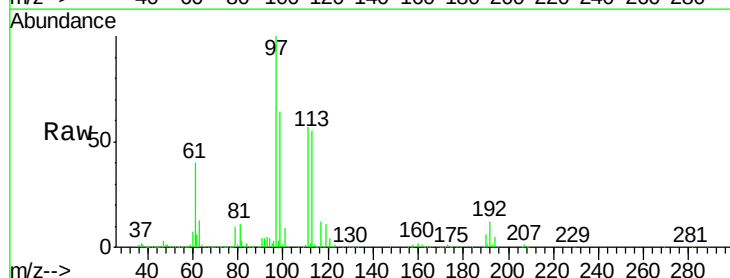
Manual Integrations
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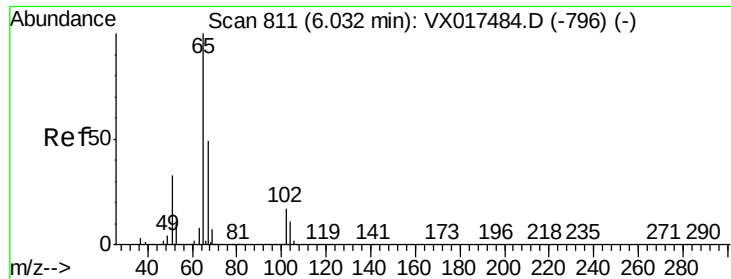
MMDadoda
7/24/2020 9:56:10 AM



#32
1,1,1-Trichloroethane
Concen: 49.994 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.9	77.9
61	42.0	34.1	51.1





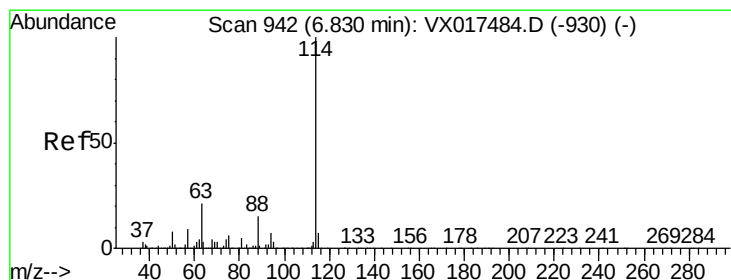
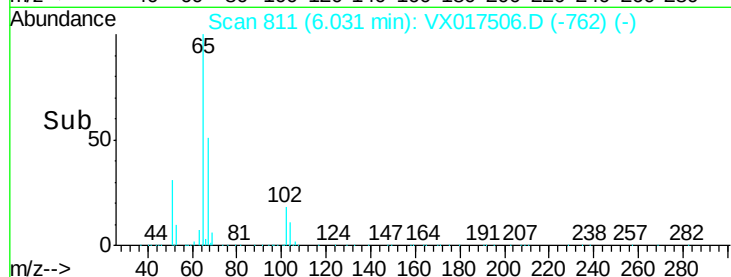
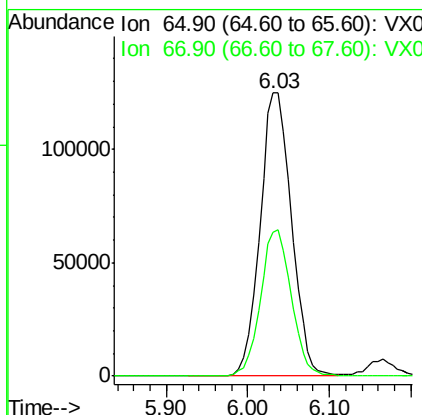
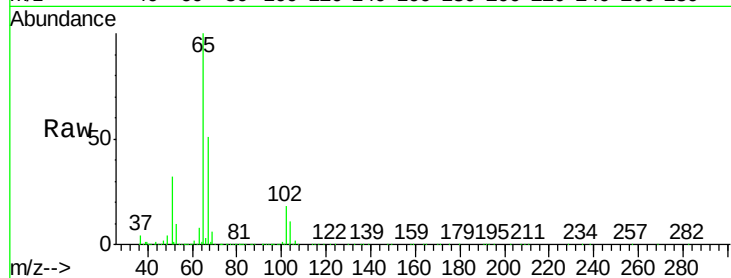
#33
 1,2-Dichloroethane-d4
 Concen: 51.481 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	335410		
67	50.5	0.0	102.8	

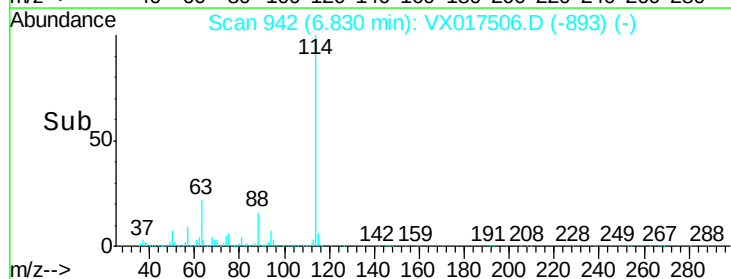
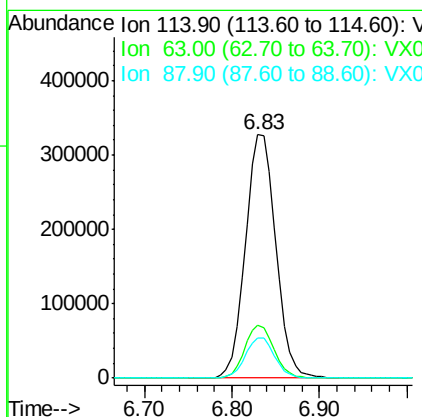
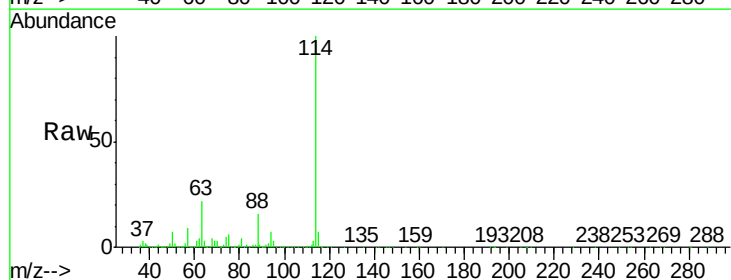
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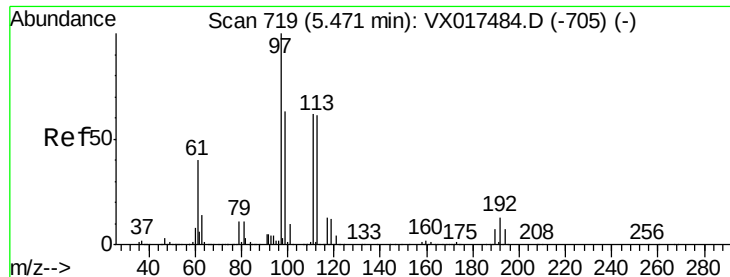
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	787555		
63	21.6	0.0	40.6	
88	16.2	0.0	33.4	





#35

Dibromofluoromethane

Concen: 49.195 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

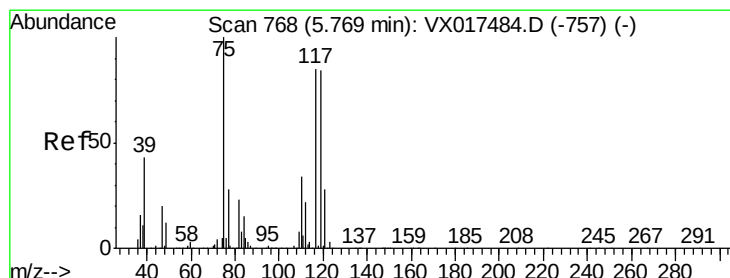
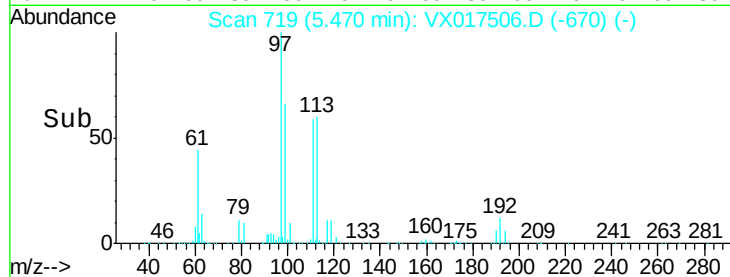
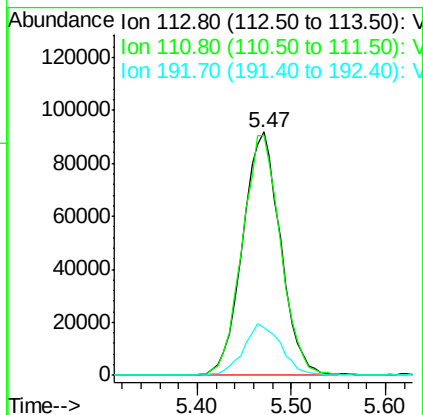
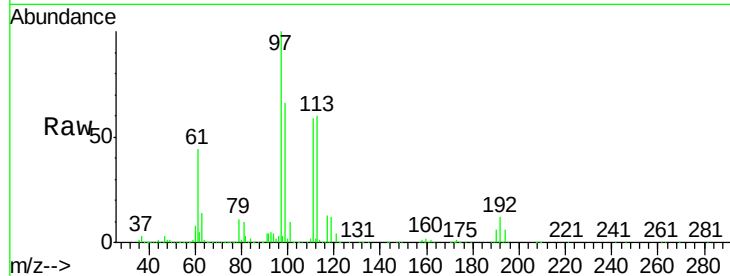
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	259120
Ion Ratio	Lower	Upper	
113	100		
111	100.2	80.7	121.1
192	21.0	16.9	25.3

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7/24/2020 9:56:10 AM



#36

1,1-Dichloropropene

Concen: 48.173 ug/l

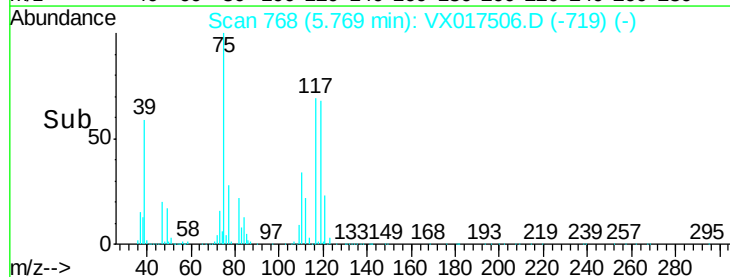
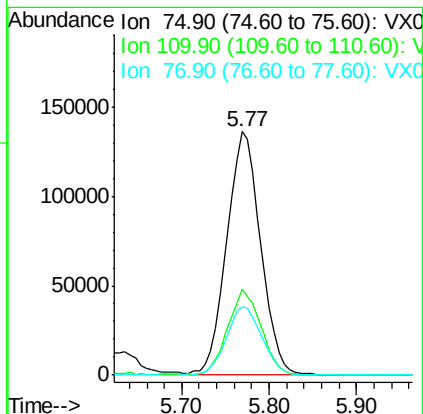
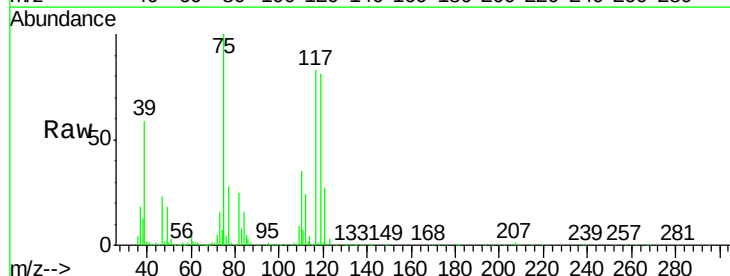
RT: 5.77 min Scan# 768

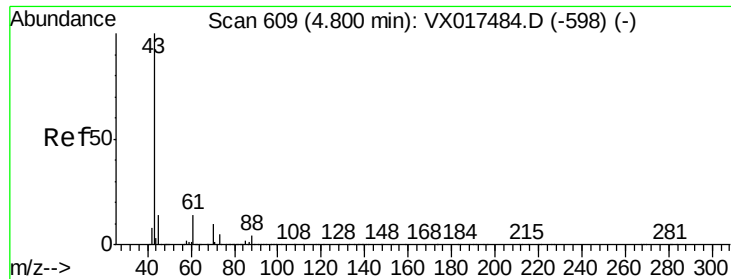
Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Tgt Ion:	75	Resp:	363869
Ion Ratio	Lower	Upper	
75	100		
110	35.0	18.1	54.3
77	29.5	24.6	37.0





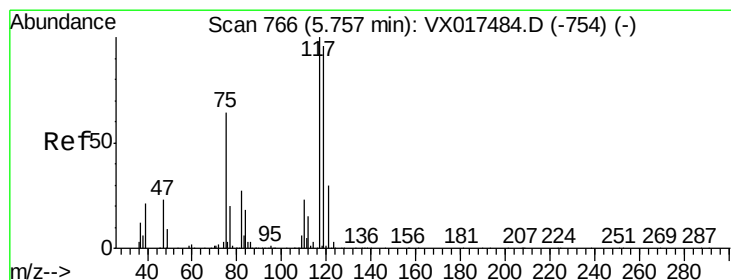
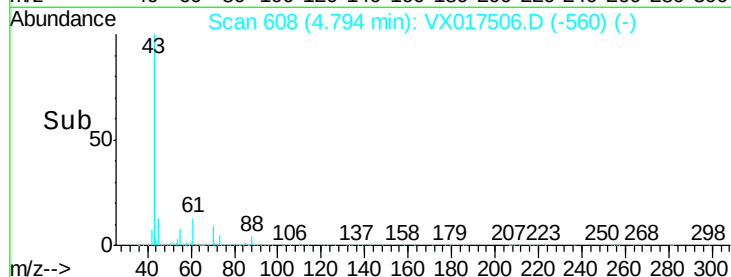
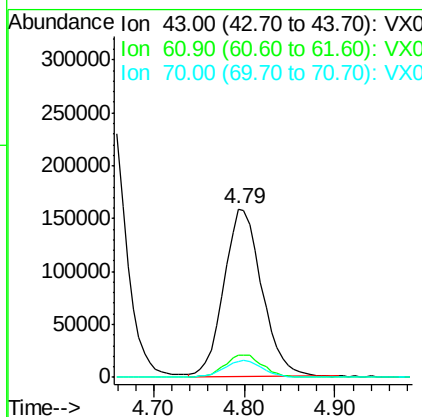
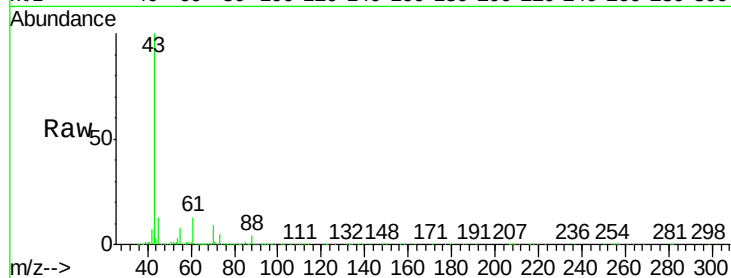
#37
Ethyl Acetate
Concen: 55.793 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	461100
Ion Ratio	Lower	Upper	
43	100		
61	13.3	10.7	16.1
70	10.3	8.5	12.7

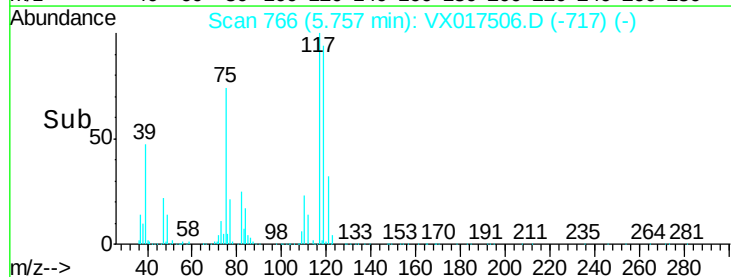
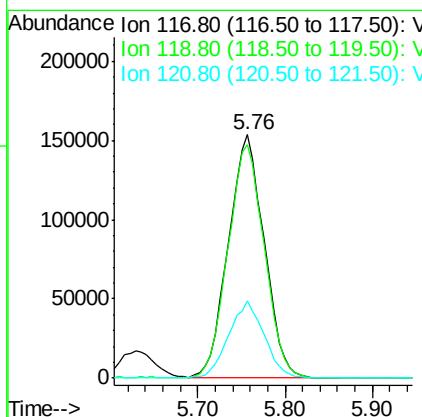
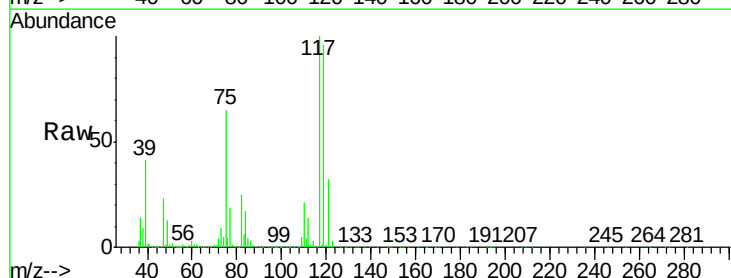
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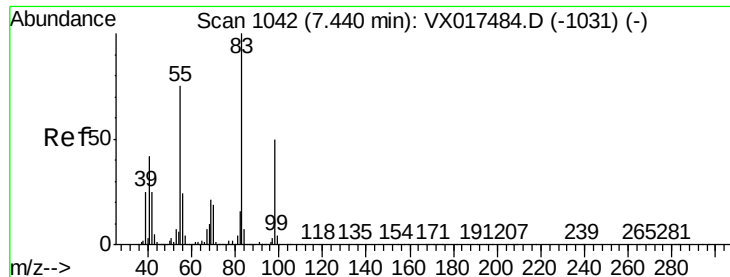
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#38
Carbon Tetrachloride
Concen: 47.566 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion	117	Resp	436302
Ion Ratio	Lower	Upper	
117	100		
119	95.7	75.4	113.0
121	31.7	24.3	36.5





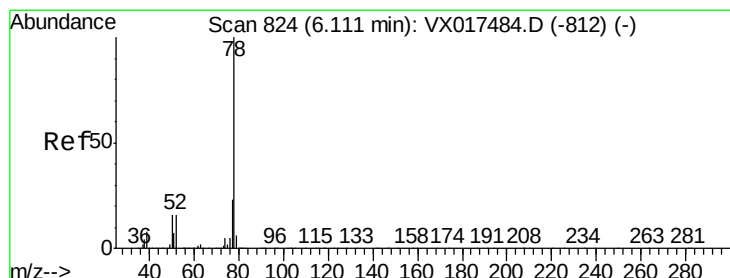
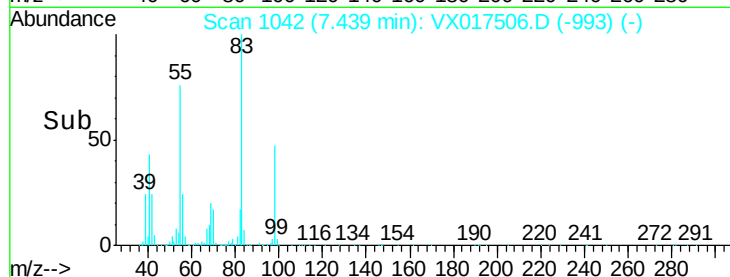
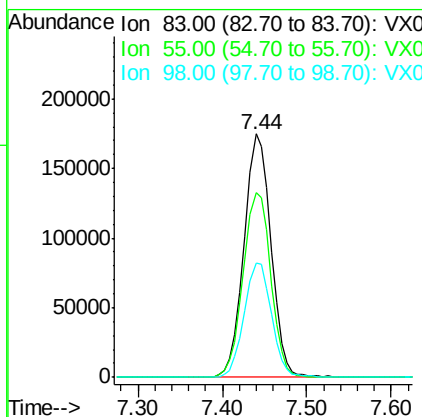
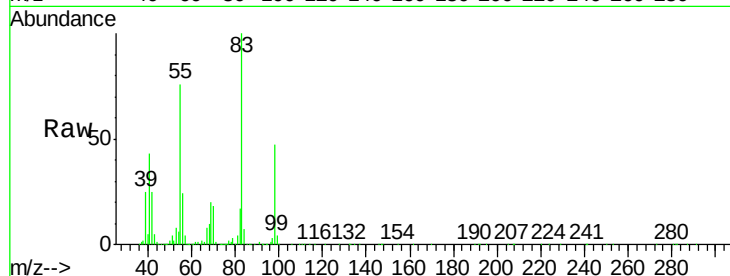
#39
Methylvlcyclohexane
Concen: 42.693 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	61.8	92.8
98	46.7	36.9	55.3

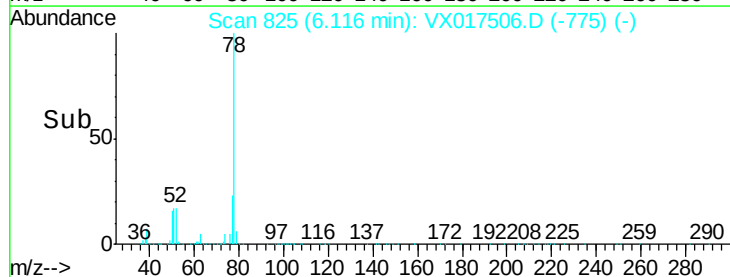
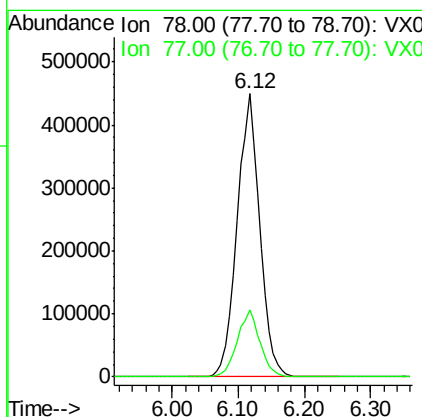
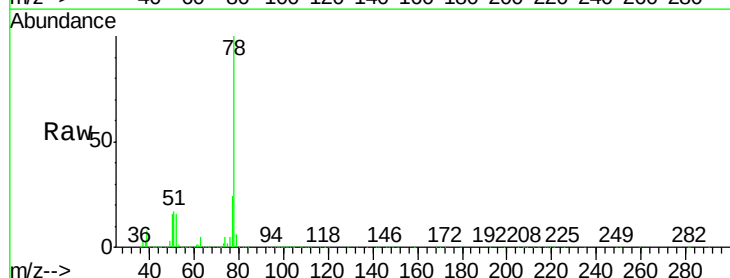
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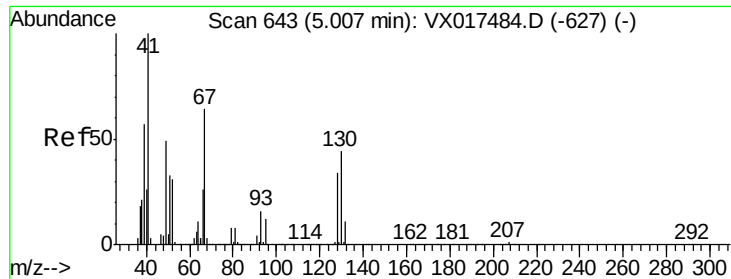
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#40
Benzene
Concen: 49.182 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.2





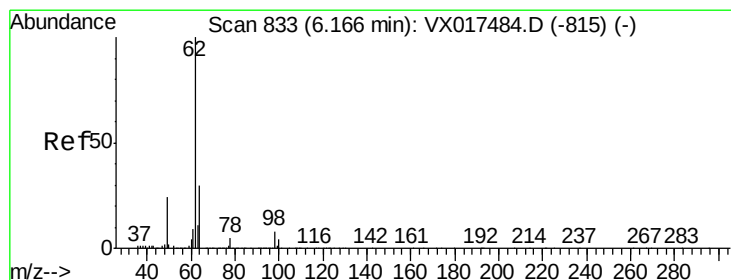
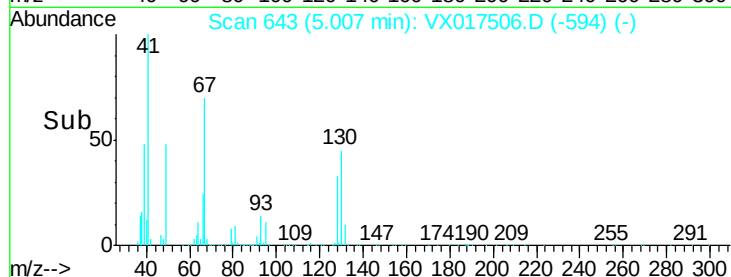
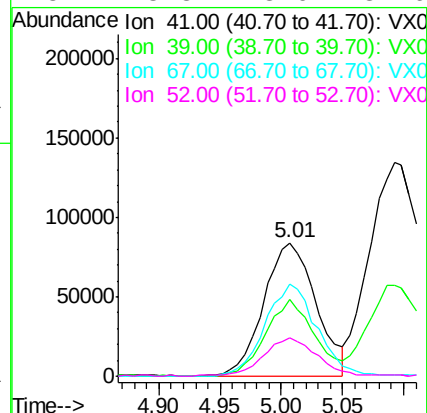
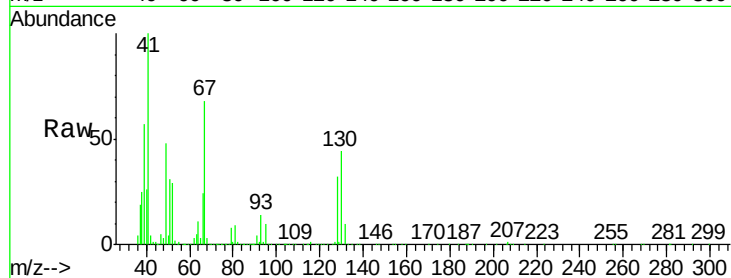
#41
Methacrylonitrile
Concen: 52.612 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.8	43.9	65.9	
67	69.2	54.0	81.0	
52	28.3	23.0	34.6	

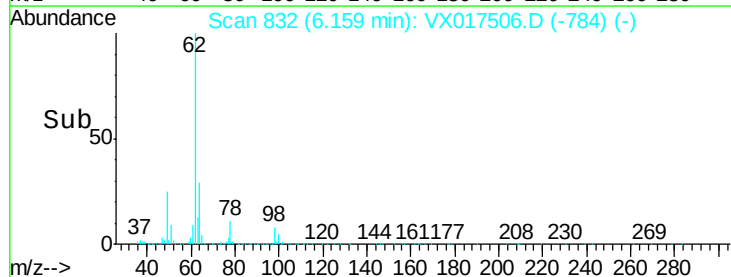
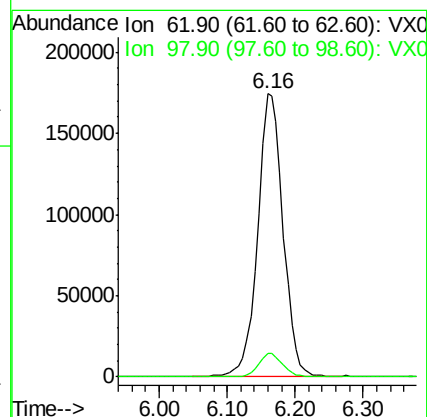
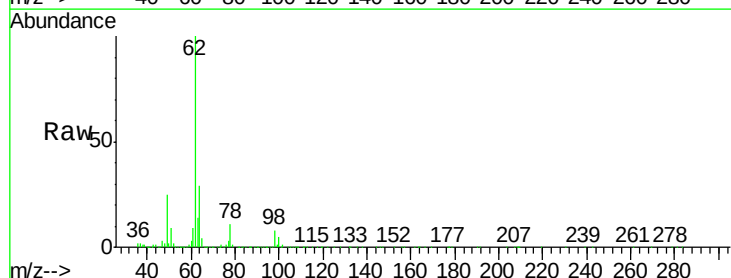
Manual Integrations
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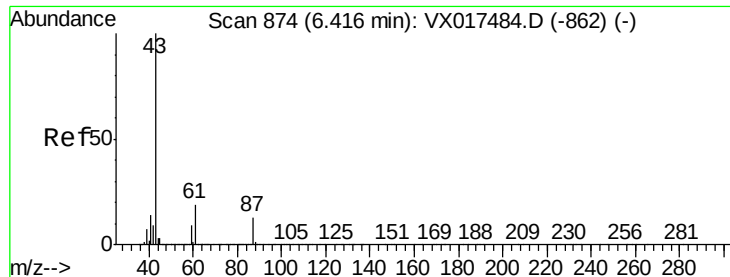
MMDadoda
7/24/2020 9:56:10 AM



#42
1,2-Dichloroethane
Concen: 51.231 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.9	0.0	16.0	





#43

Isopropyl Acetate

Concen: 51.766 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

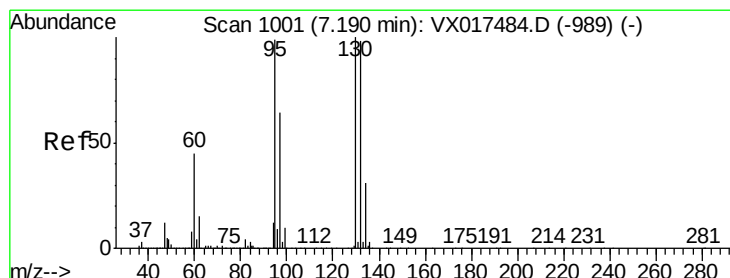
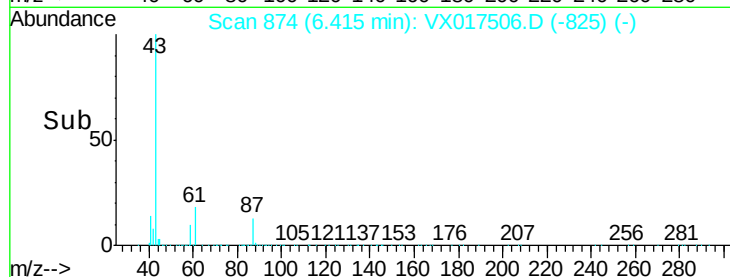
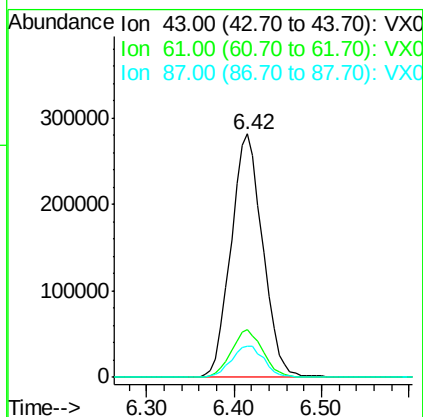
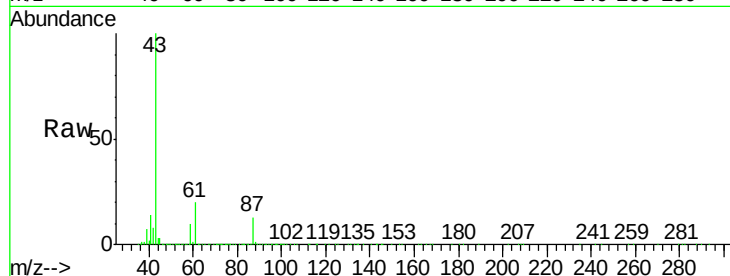
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	705882
Ion Ratio	Lower	Upper	
43	100		
61	19.6	15.5	23.3
87	13.2	10.5	15.7

Manual Integrations
APPROVED

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7/24/2020 9:56:10 AM



#44

Trichloroethene

Concen: 48.627 ug/l

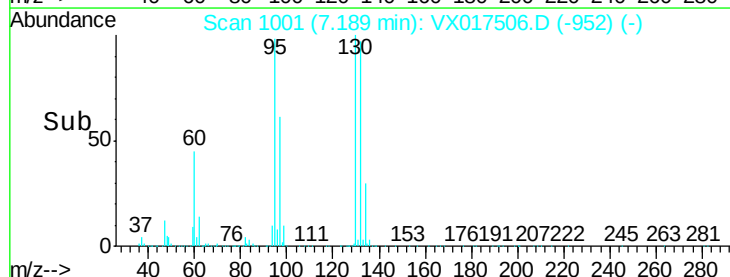
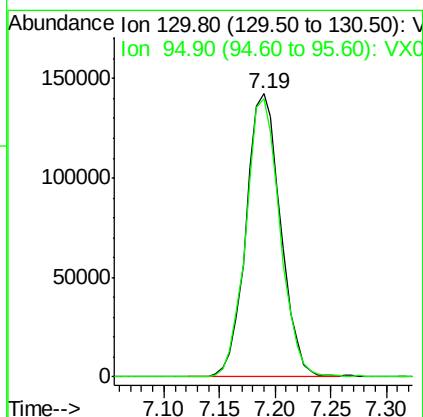
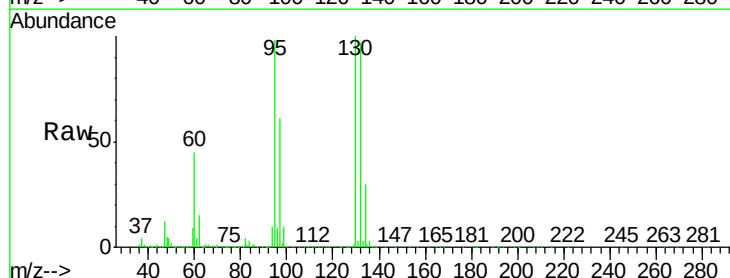
RT: 7.19 min Scan# 1001

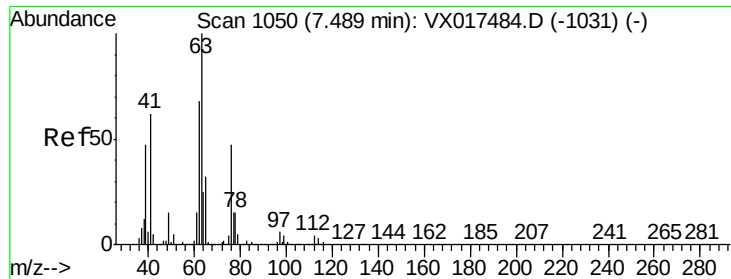
Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Tgt Ion:	130	Resp:	307736
Ion Ratio	Lower	Upper	
130	100		
95	98.4	0.0	189.0





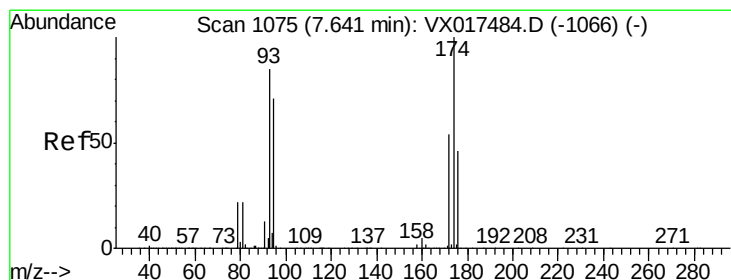
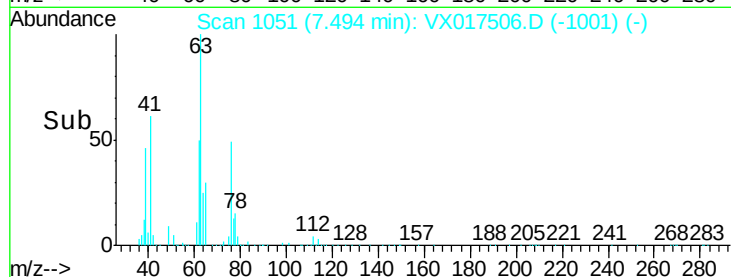
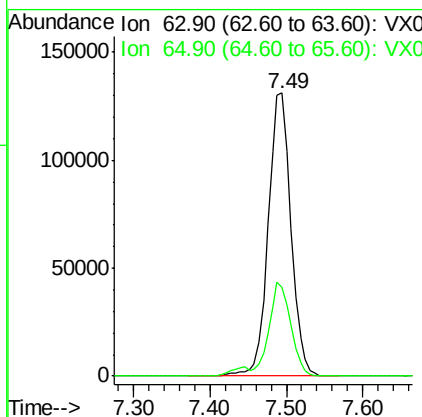
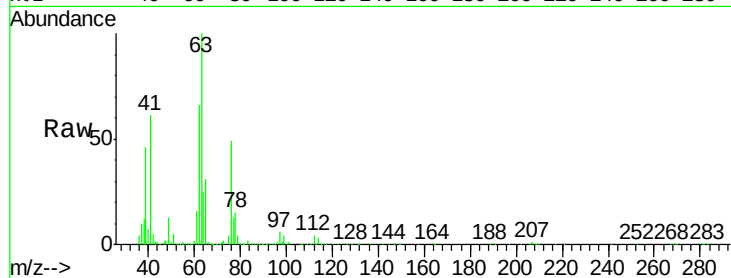
#45
 1,2-Dichloropropane
 Concen: 45.299 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.5	36.7

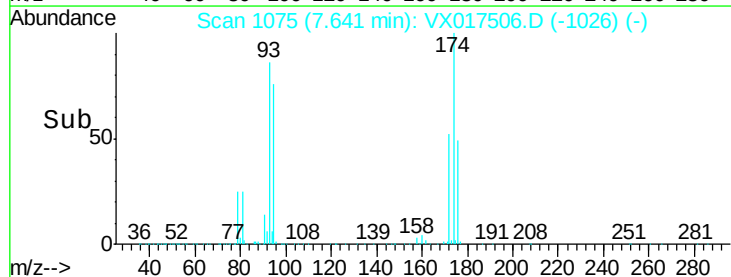
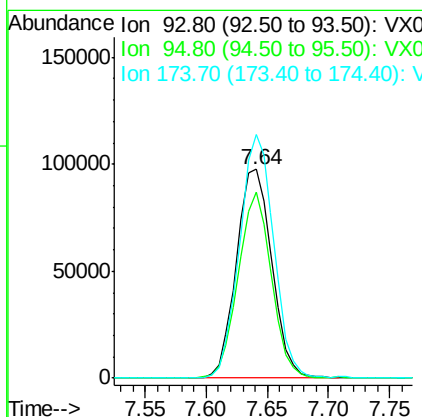
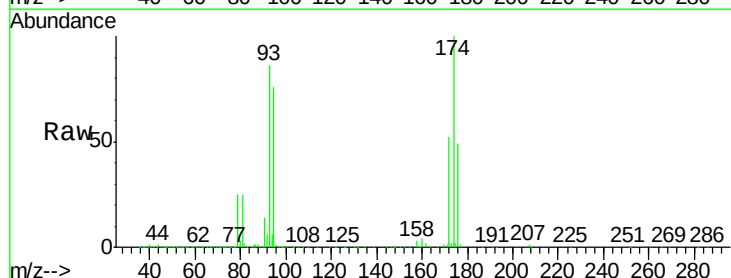
Manual Integrations
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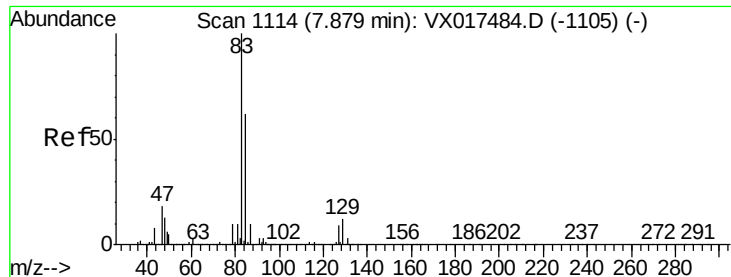
MMDadoda
 7/24/2020 9:56:10 AM



#46
 Dibromomethane
 Concen: 46.240 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.6	99.8
174	113.2	87.0	130.6





#47

Bromodichloromethane

Concen: 48.002 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

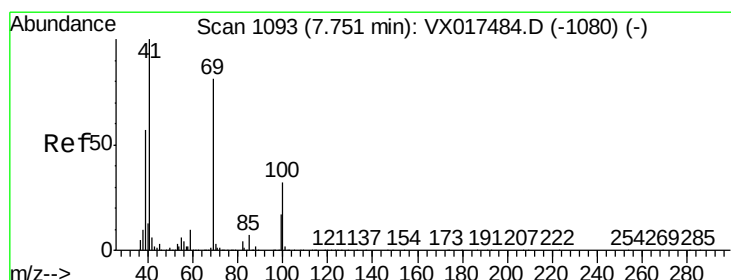
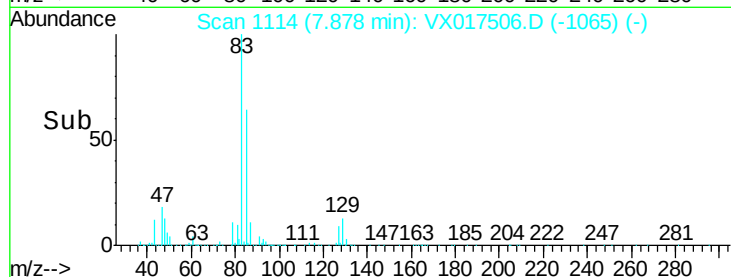
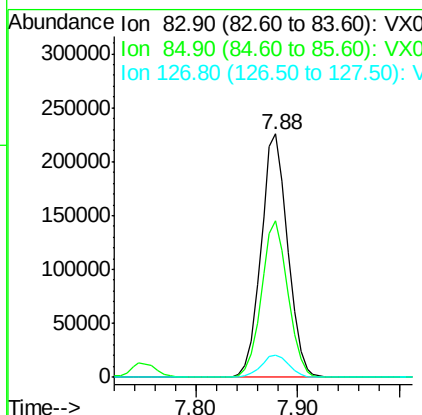
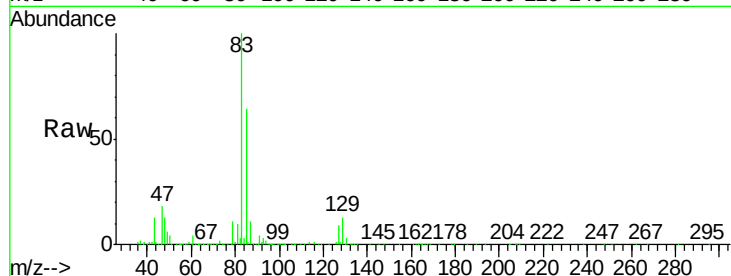
ClientSampleId :

VSTDCCC050

Tot Ion	83	Resp	409765
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.8	77.8
127	9.1	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.370 ug/l

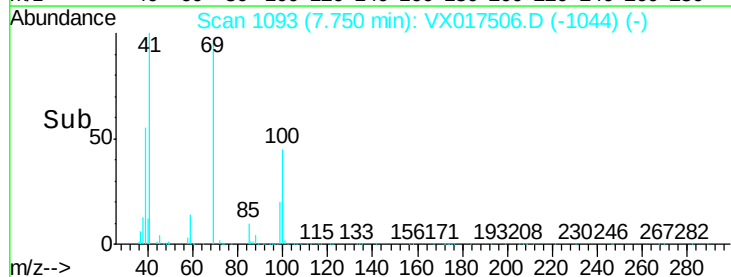
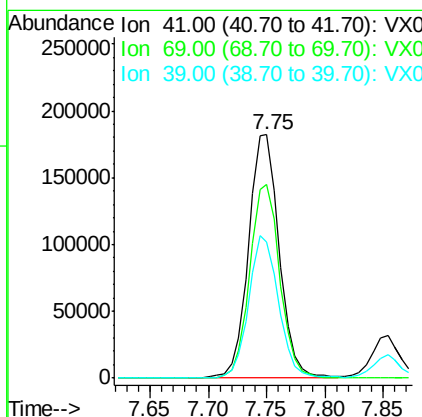
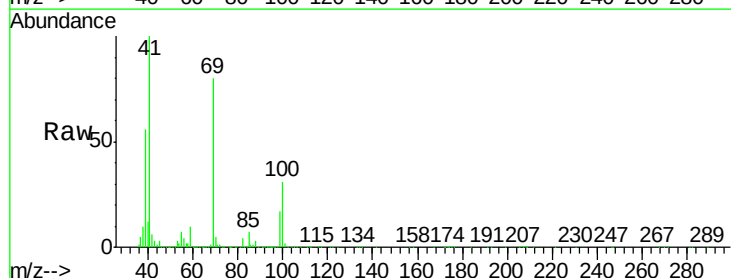
RT: 7.75 min Scan# 1093

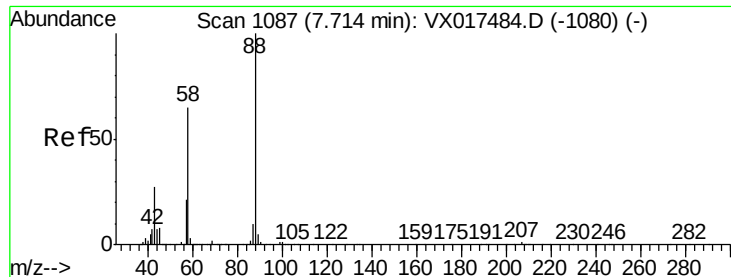
Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Tgt Ion	41	Resp	333703
Ion Ratio	Lower	Upper	
41	100		
69	78.5	63.1	94.7
39	56.5	45.1	67.7





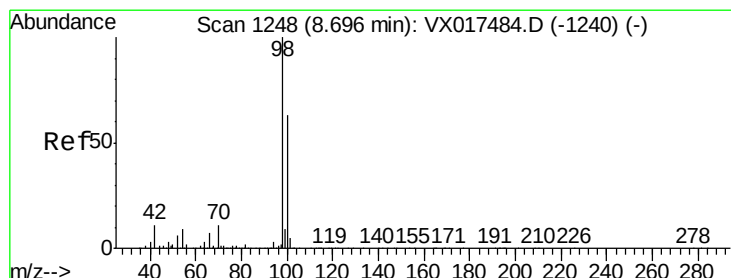
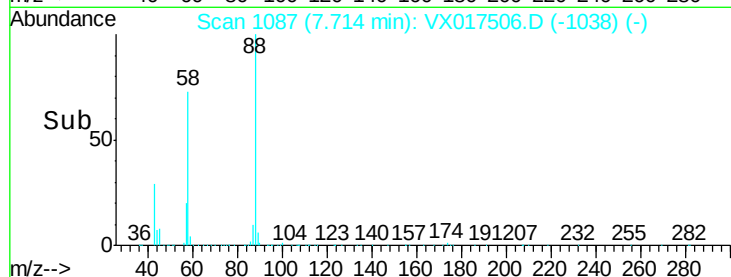
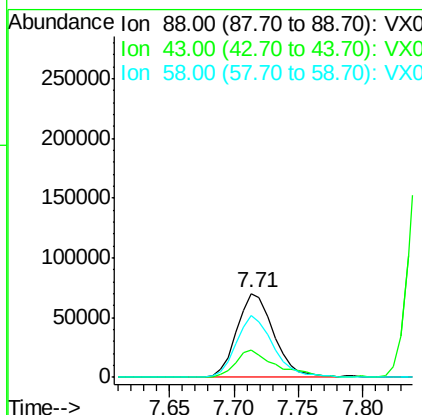
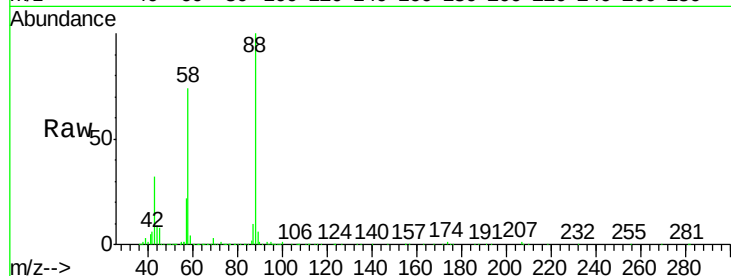
#49
1,4-Dioxane
Concen: 1081.196 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	27.8	41.6
58	74.1	58.3	87.5

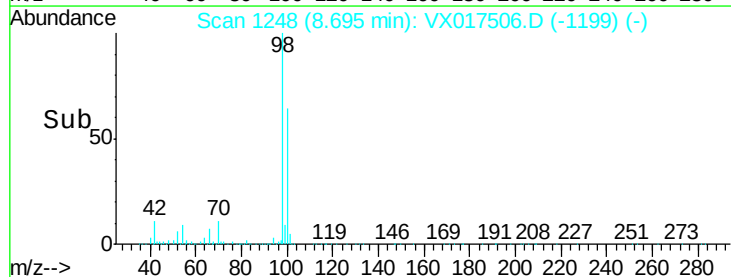
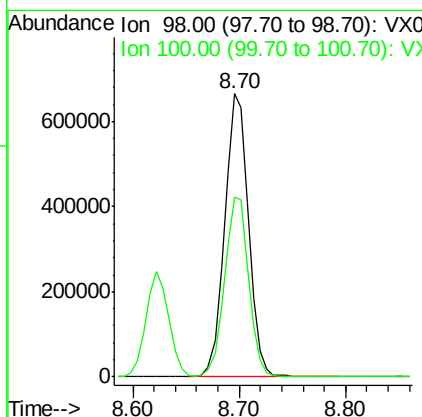
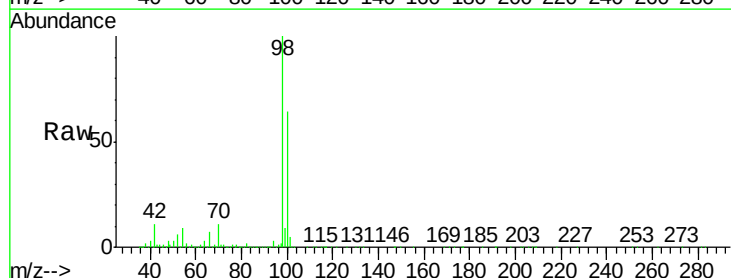
Manual Integrations
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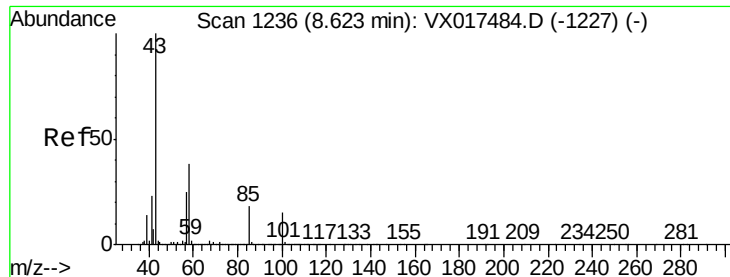
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#50
Toluene-d8
Concen: 54.662 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.3	78.5





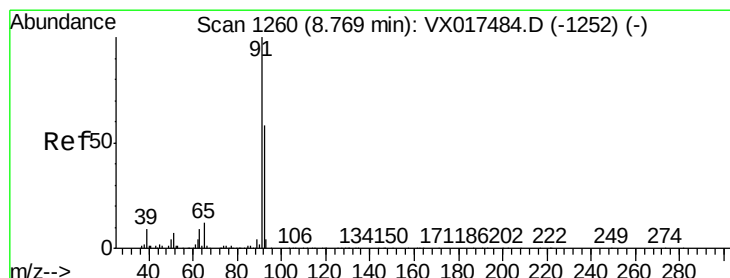
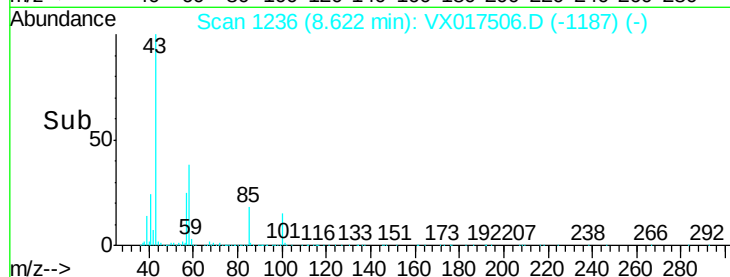
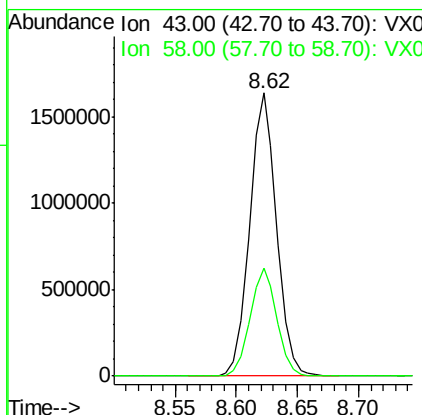
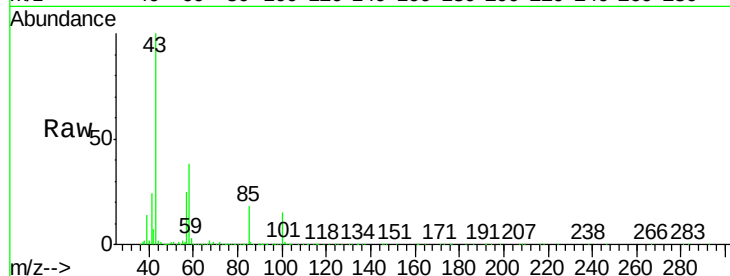
#51
4-Methyl-2-Pentanone
Concen: 307.266 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2499939
Ion Ratio Lower Upper
43 100
58 37.9 31.0 46.4

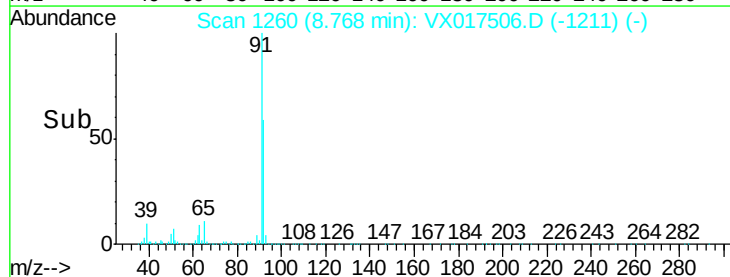
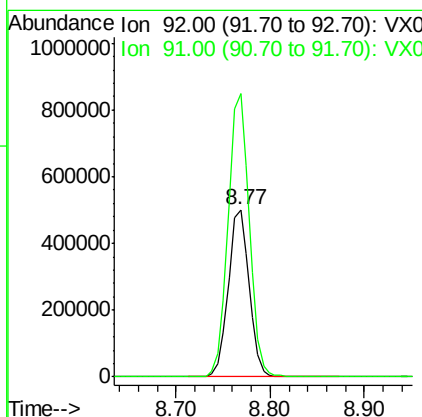
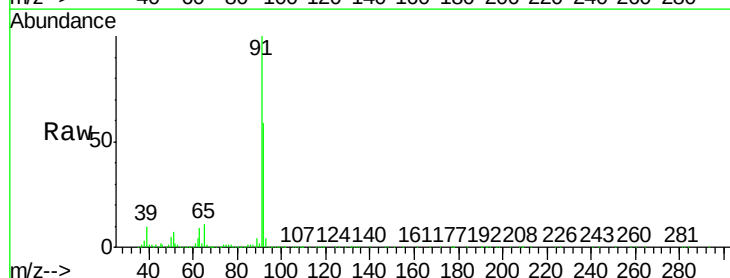
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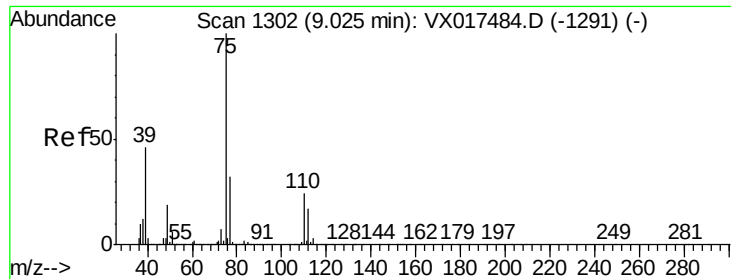
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#52
Toluene
Concen: 55.343 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion: 92 Resp: 768592
Ion Ratio Lower Upper
92 100
91 172.5 137.6 206.4





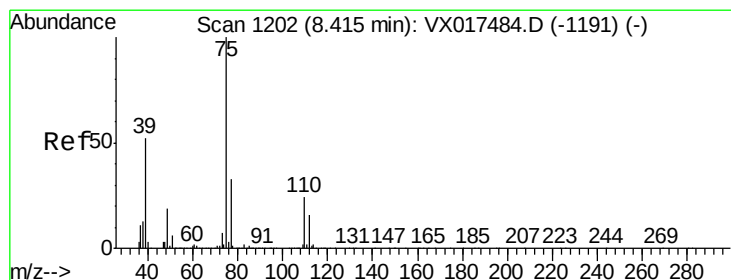
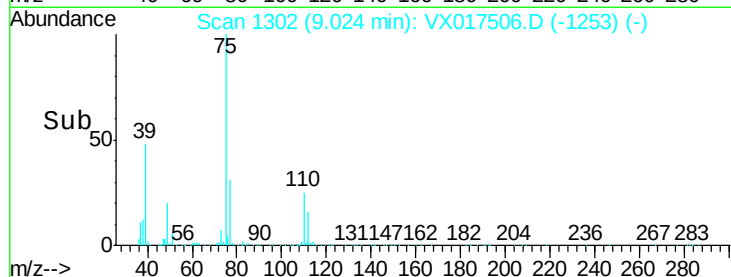
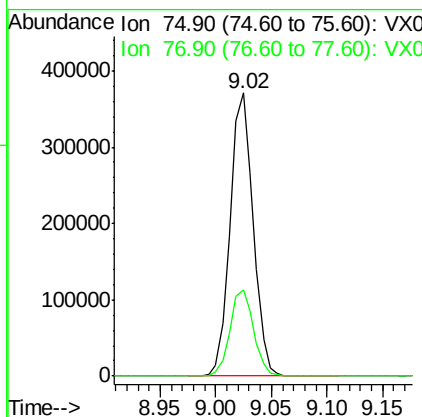
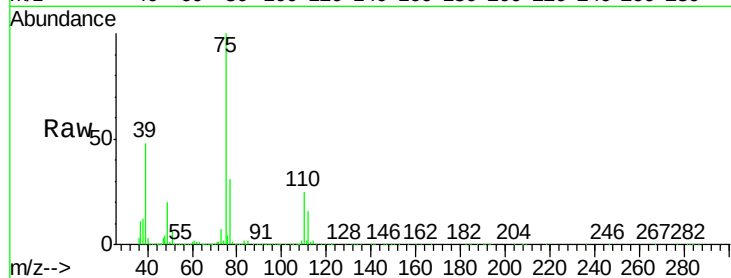
#53
t-1,3-Dichloropropene
Concen: 55.431 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.5	38.3

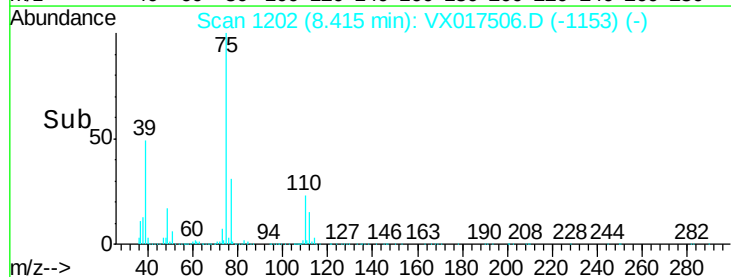
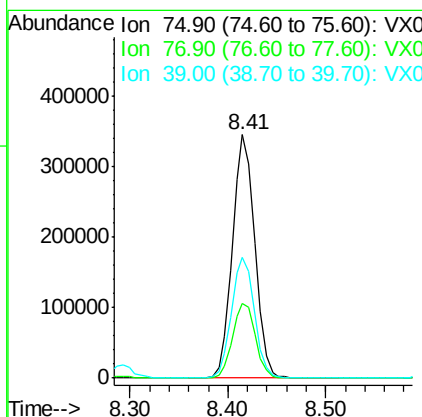
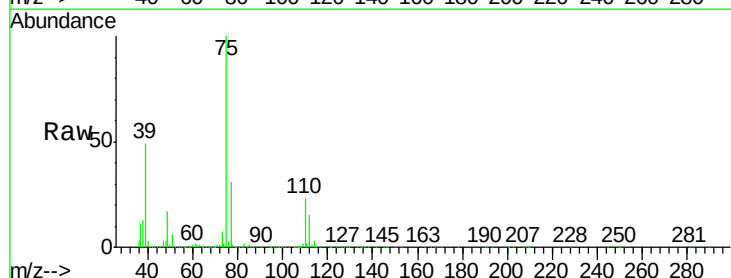
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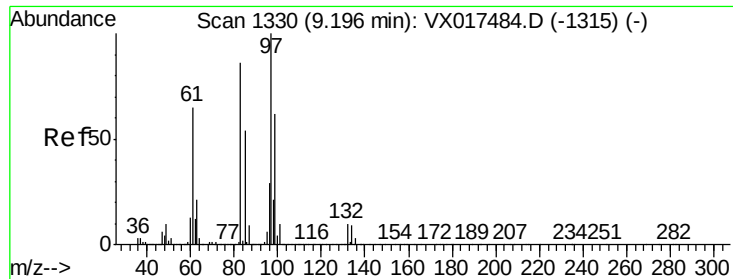
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#54
cis-1,3-Dichloropropene
Concen: 56.129 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.5	38.3
39	49.3	41.8	62.8





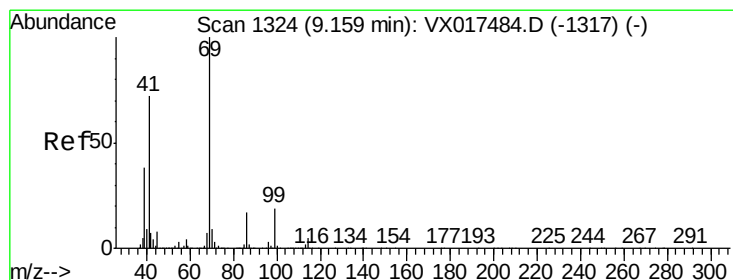
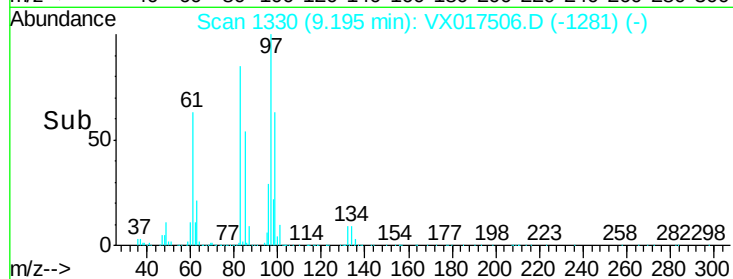
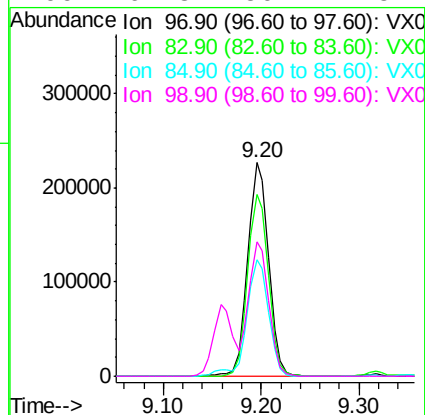
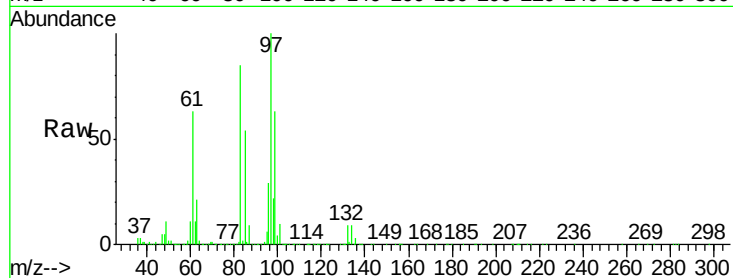
#55
 1,1,2-Trichloroethane
 Concen: 58.254 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		337020		
83	84.9	67.6	101.4		
85	54.2	44.6	67.0		
99	62.8	50.2	75.4		

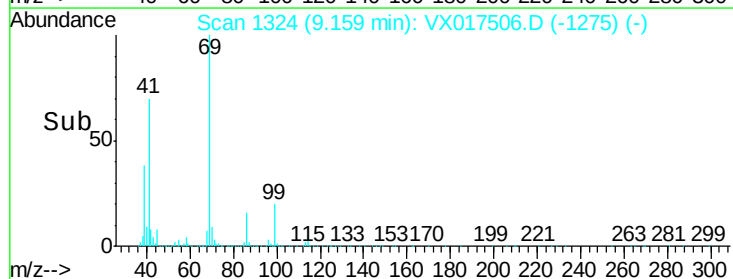
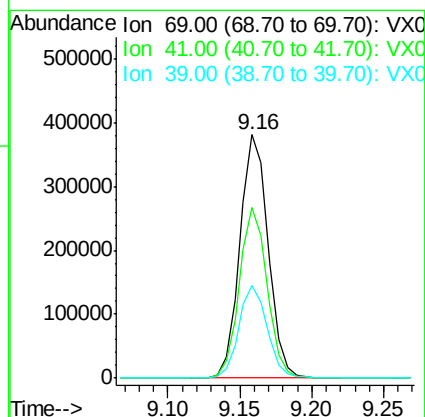
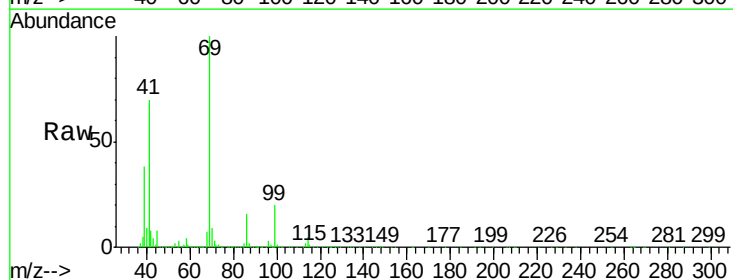
Manual Integrations
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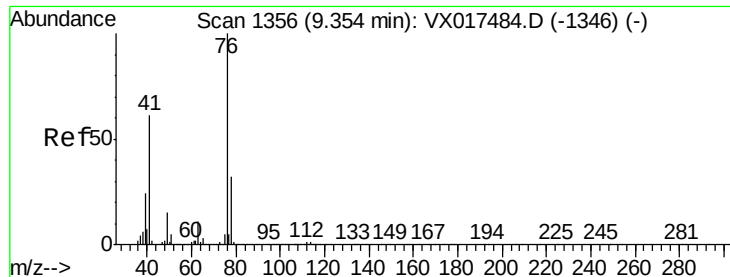
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#56
 Ethyl methacrylate
 Concen: 59.714 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		520473		
41	69.0	55.0	82.6		
39	38.4	30.0	45.0		





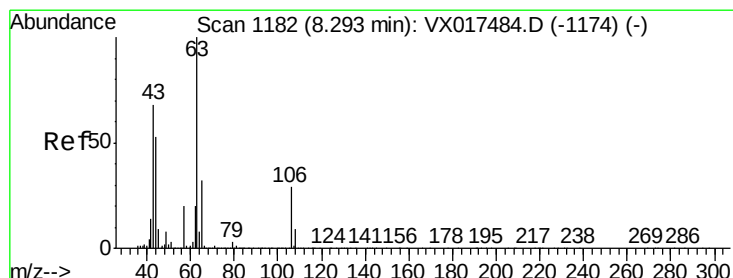
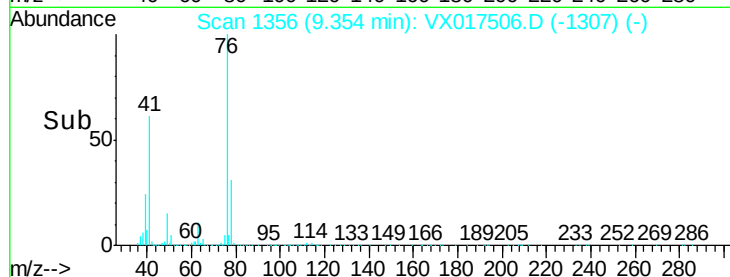
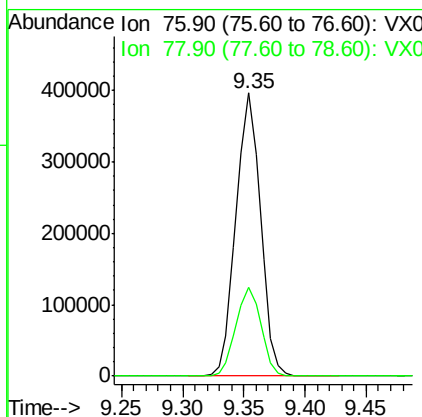
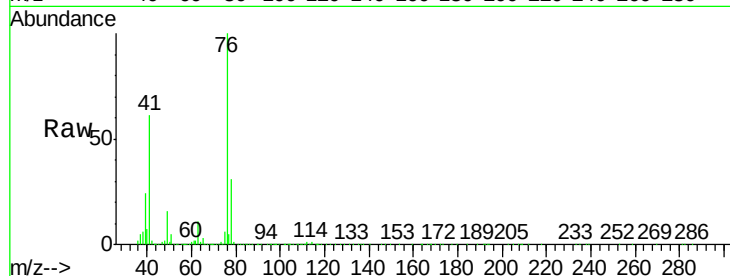
#57
 1,3-Dichloropropane
 Concen: 58.086 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8

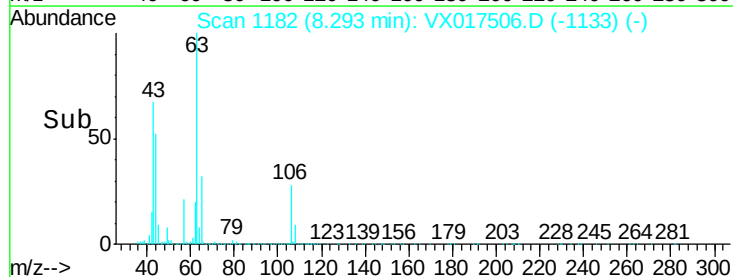
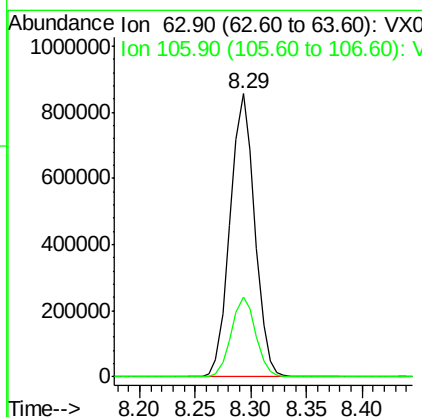
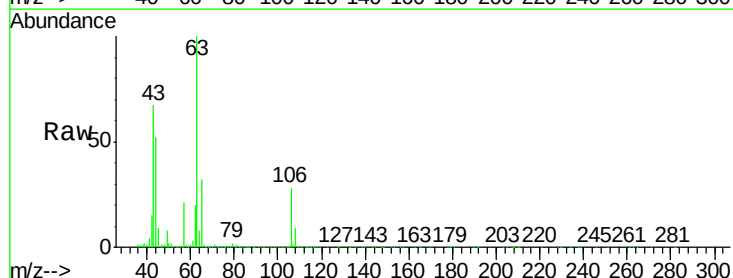
Manual Integrations
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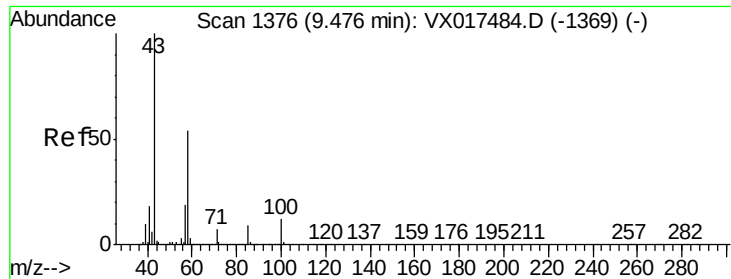
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 7/24/2020 9:56:10 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 285.582 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.2	22.6	34.0





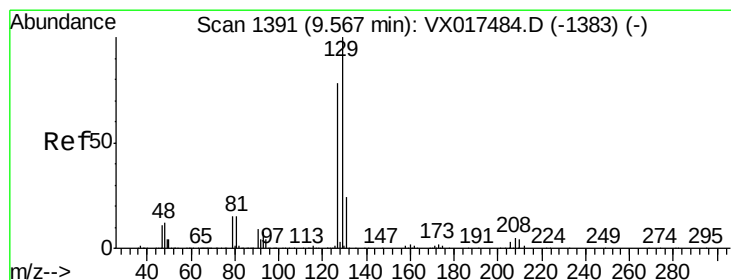
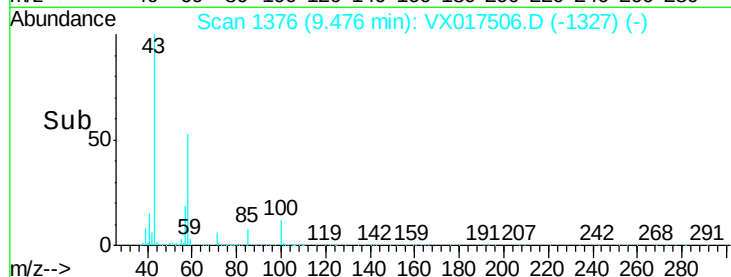
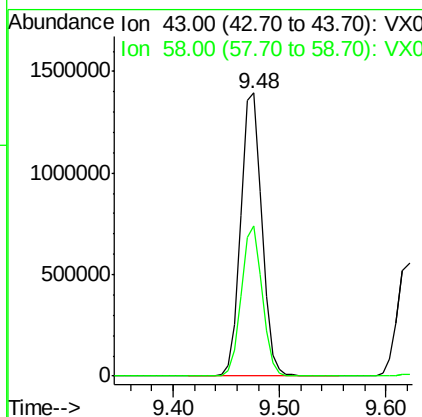
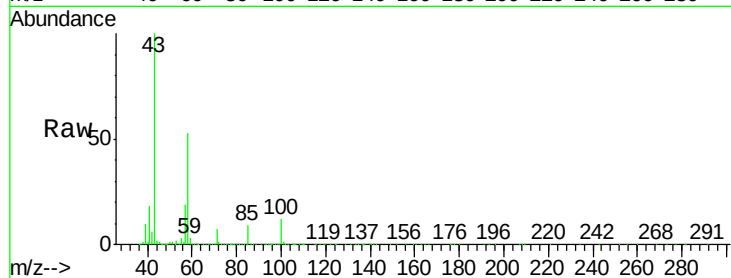
#59
2-Hexanone
Concen: 318.141 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1948790
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.8

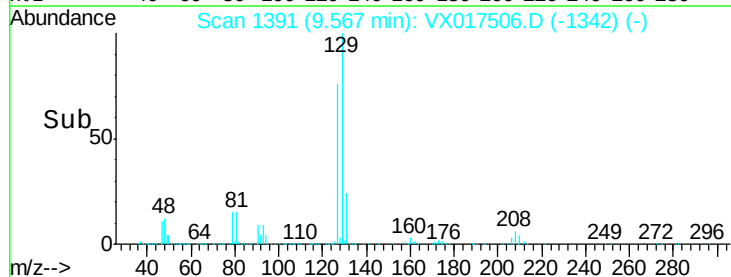
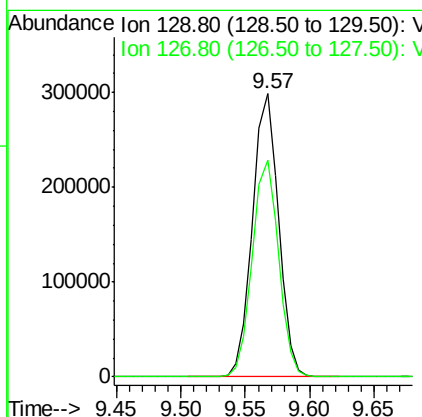
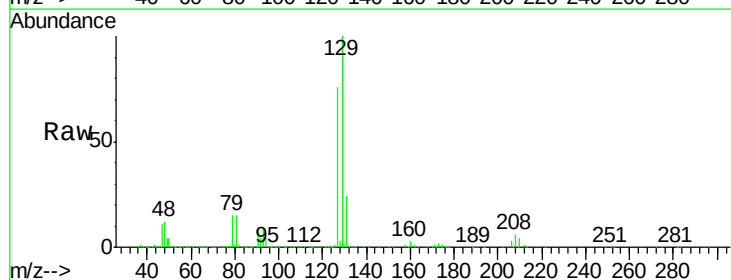
Manual Integrations
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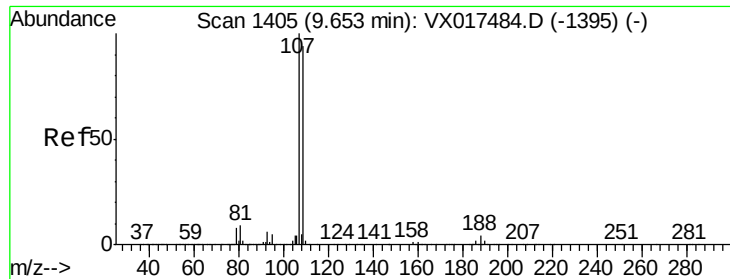
MMDadoda
7/24/2020 9:56:10 AM



#60
Dibromochloromethane
Concen: 56.661 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion: 129 Resp: 416641
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1





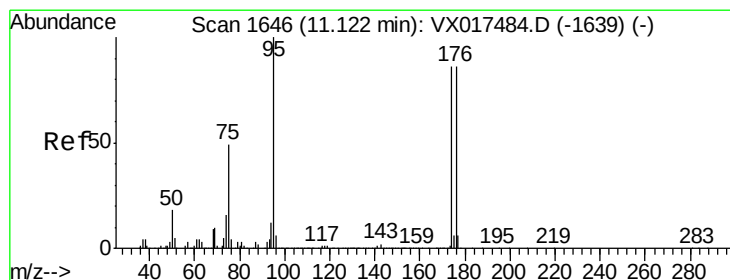
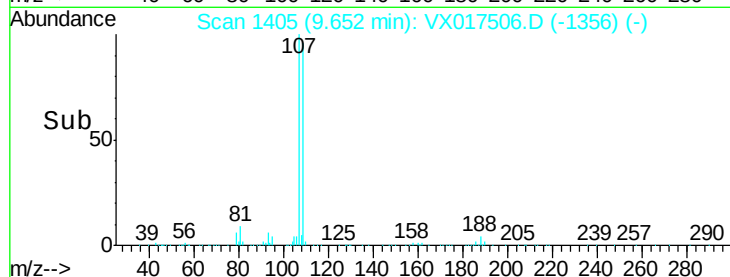
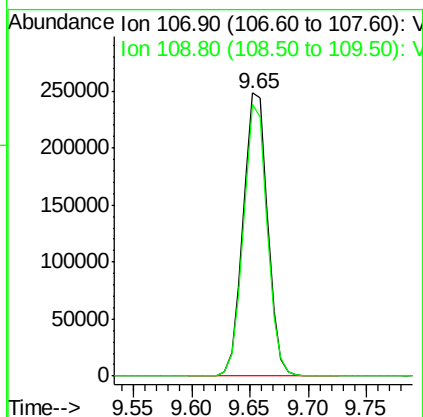
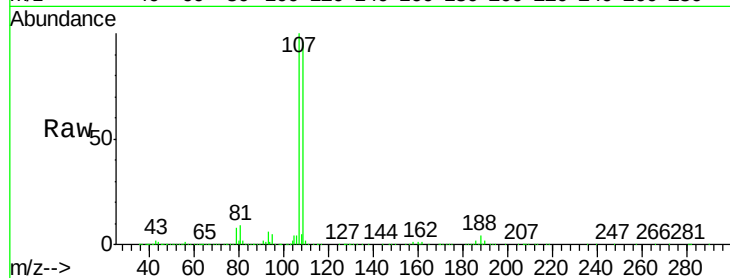
#61
 1,2-Dibromoethane
 Concen: 59.333 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	74.9	112.3

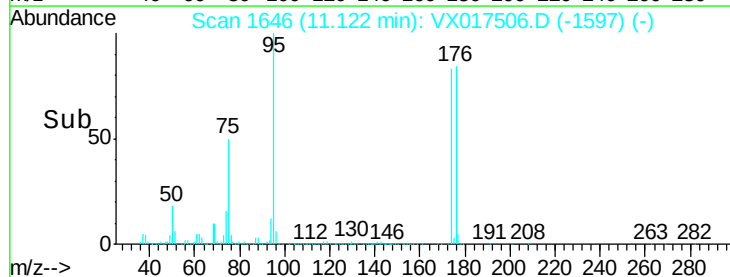
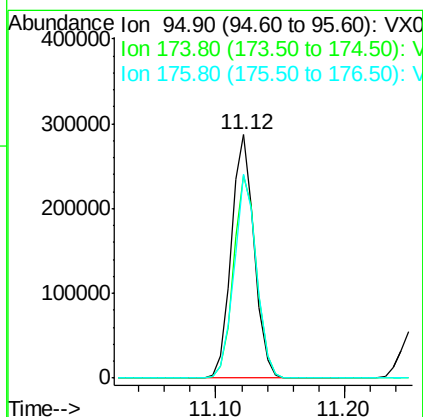
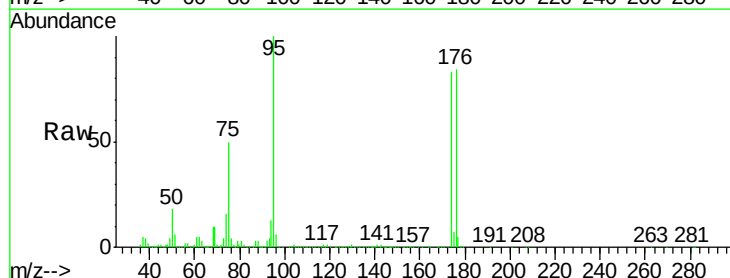
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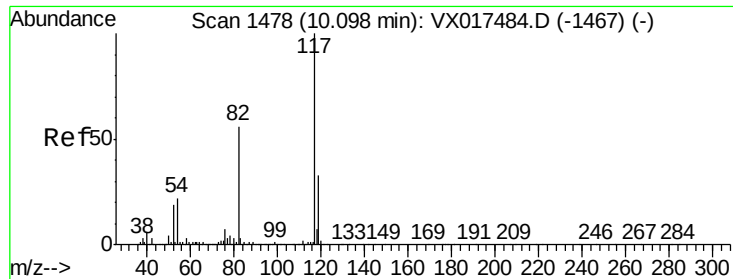
MMDadoda
 7/24/2020 9:56:10 AM



#62
 4-Bromofluorobenzene
 Concen: 46.800 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	169.0
176	82.3	0.0	161.0





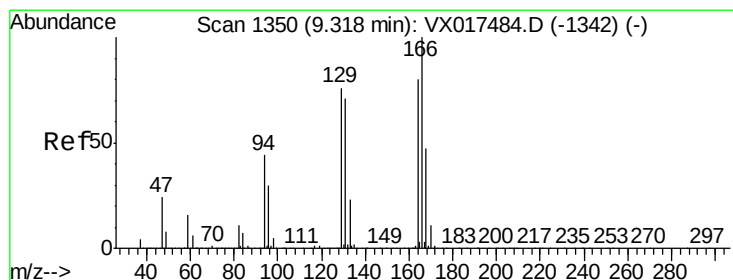
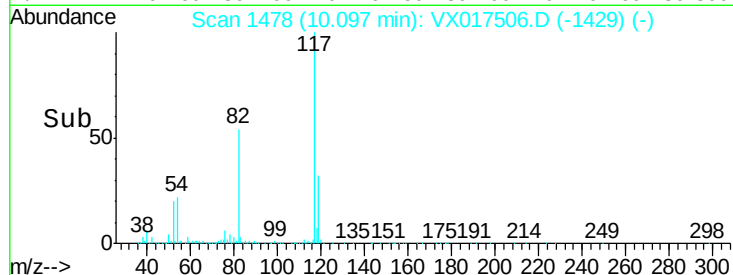
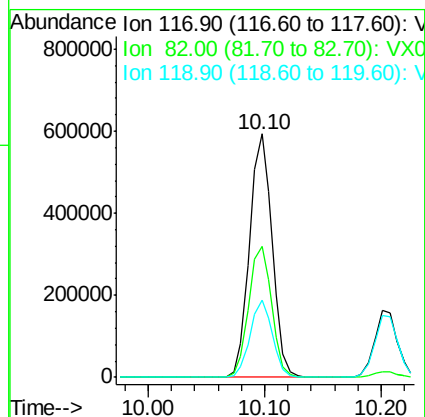
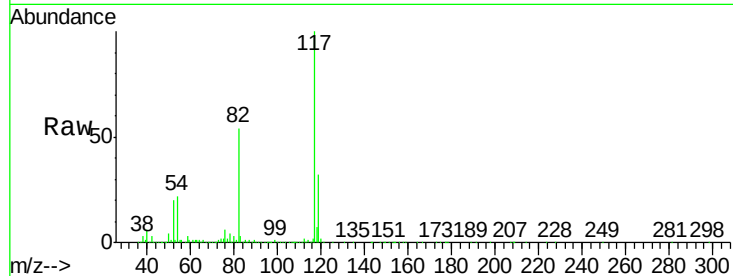
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.0	66.0
119	31.5	25.4	38.0

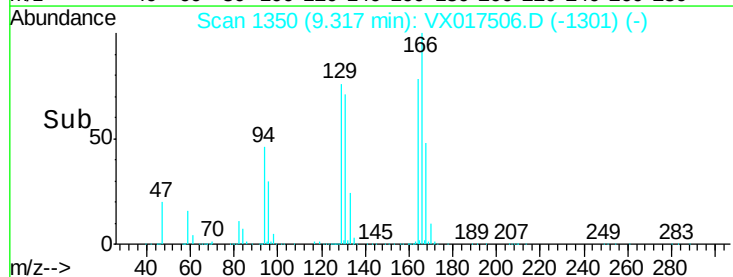
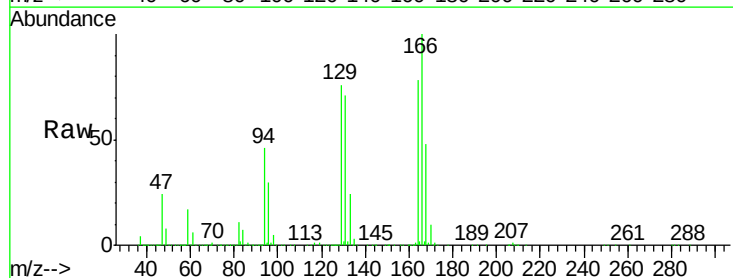
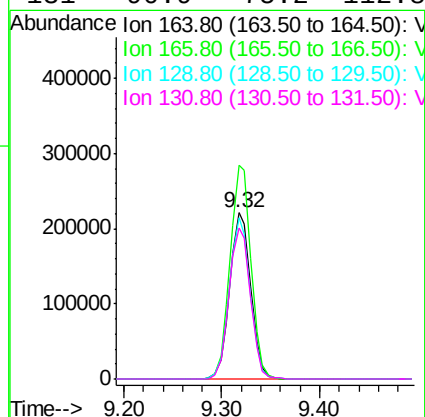
Manual Integrations
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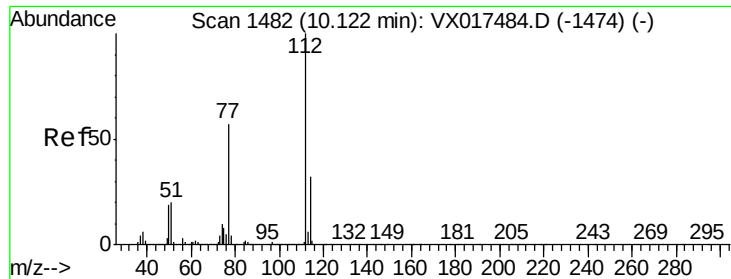
MMDadoda
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#64
Tetrachloroethene
Concen: 45.370 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	100.6	150.8
129	97.5	75.0	112.6
131	90.9	75.2	112.8





#65

Chlorobenzene

Concen: 46.007 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 804391

Ion Ratio Lower Upper

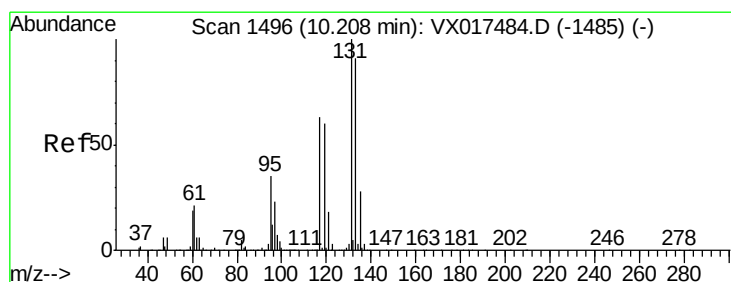
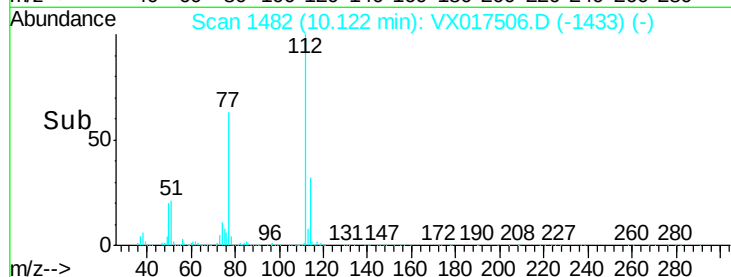
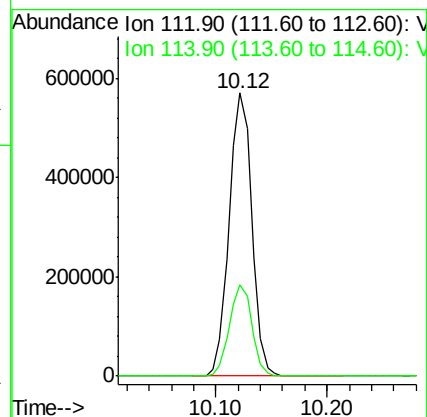
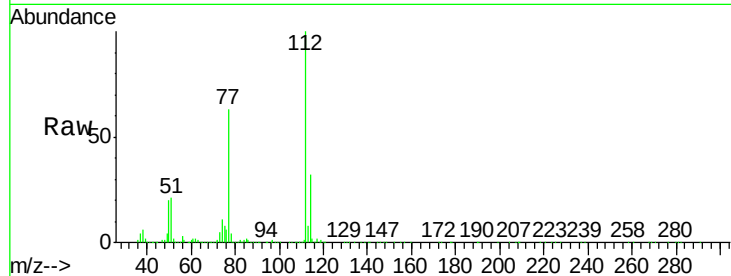
112 100

114 32.4 25.7 38.5

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#66

1,1,1,2-Tetrachloroethane

Concen: 47.711 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

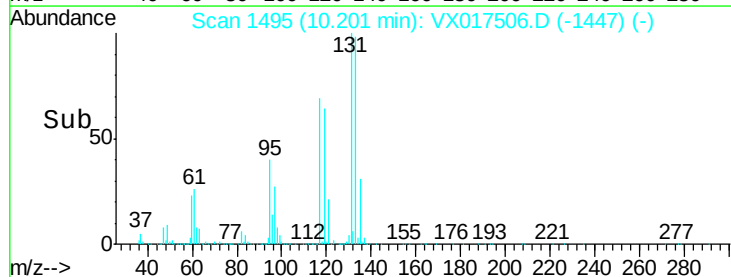
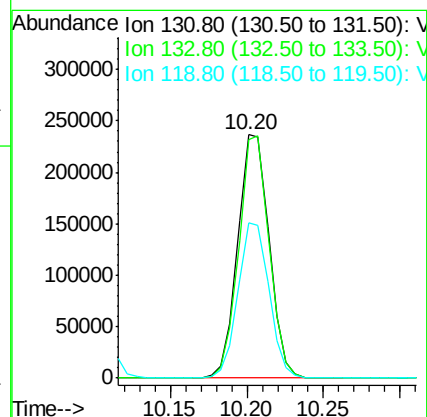
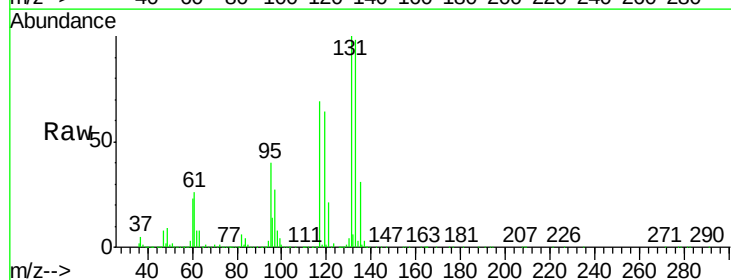
Tgt Ion:131 Resp: 336667

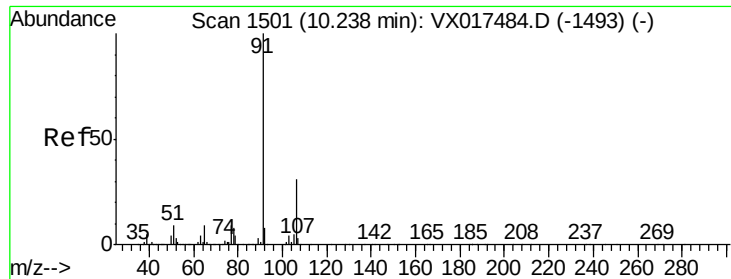
Ion Ratio Lower Upper

131 100

133 96.4 47.9 143.6

119 62.9 31.1 93.3





#67

Ethyl Benzene

Concen: 47.942 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1399231

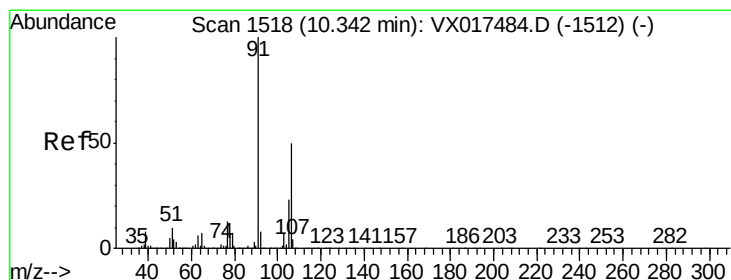
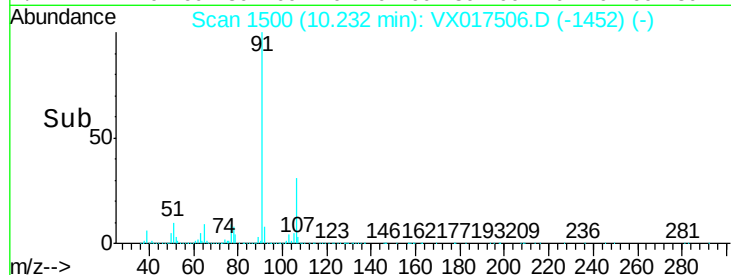
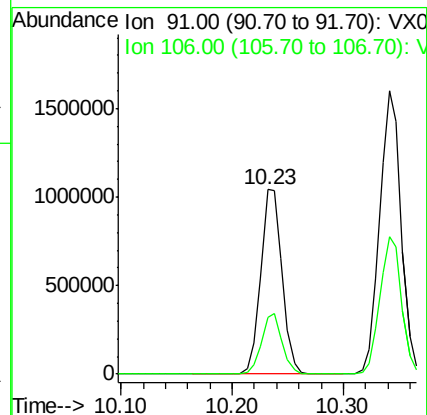
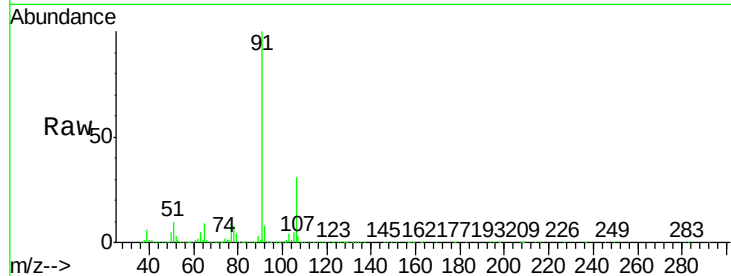
Ion Ratio Lower Upper

91 100

106 30.9 25.8 38.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 93.574 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017506.D

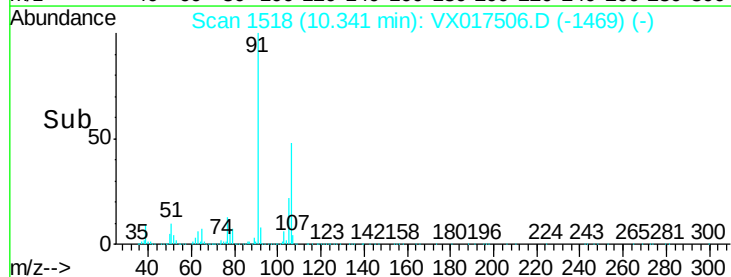
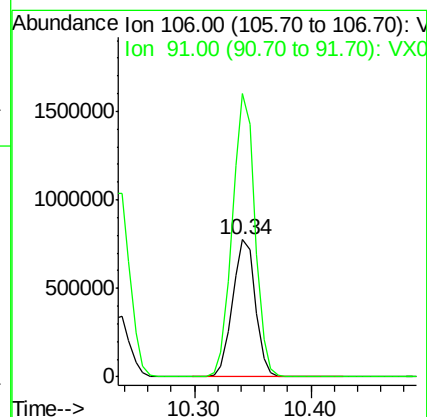
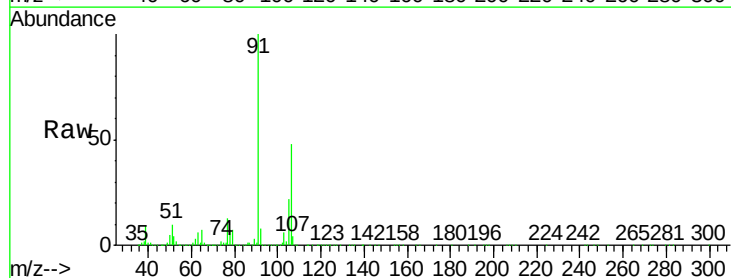
Acq: 23 Jul 2020 21:18

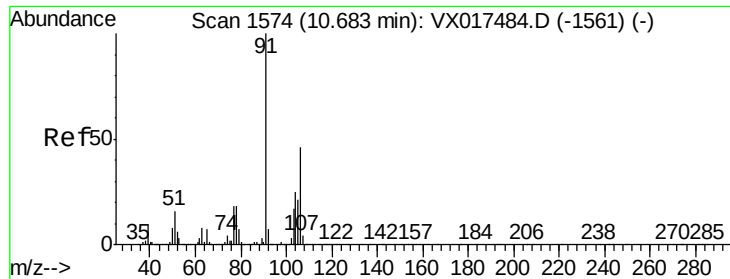
Tgt Ion: 106 Resp: 1057993

Ion Ratio Lower Upper

106 100

91 203.8 160.9 241.3





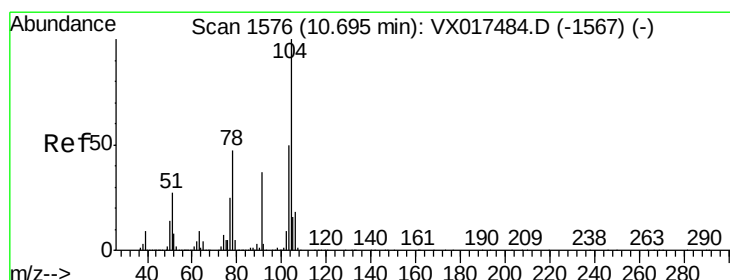
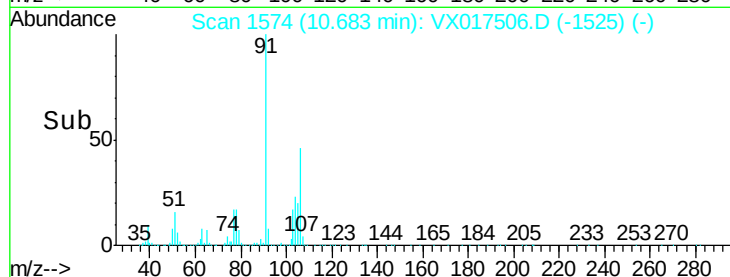
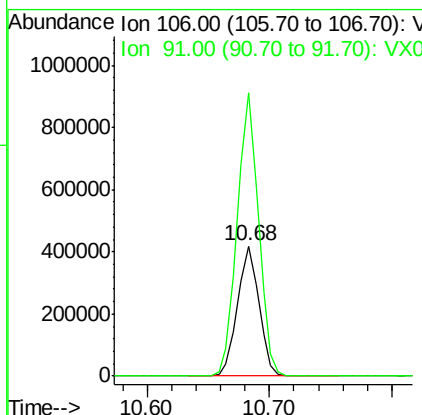
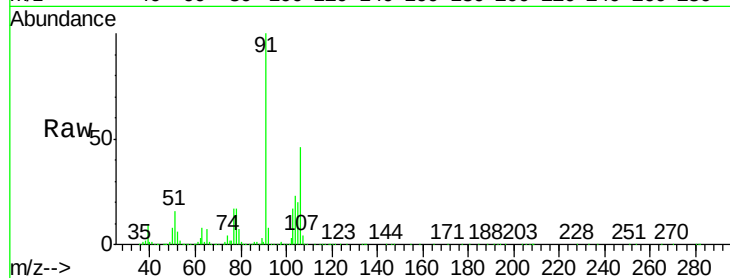
#69
o-Xylene
Concen: 46.472 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.5	108.2	324.6

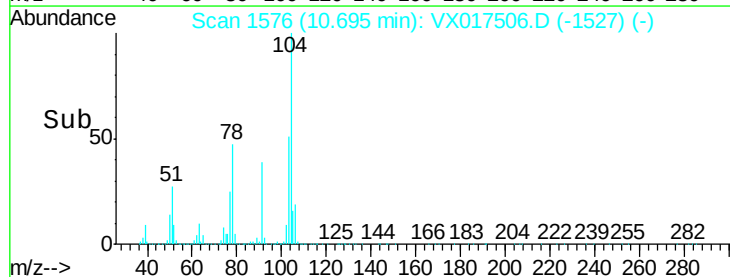
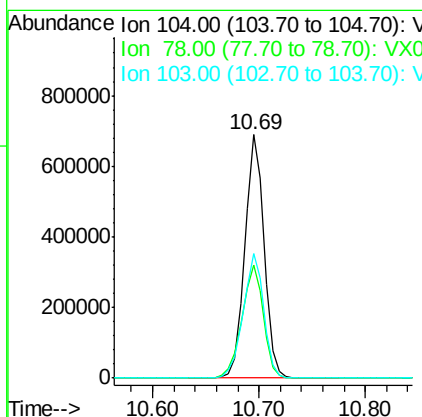
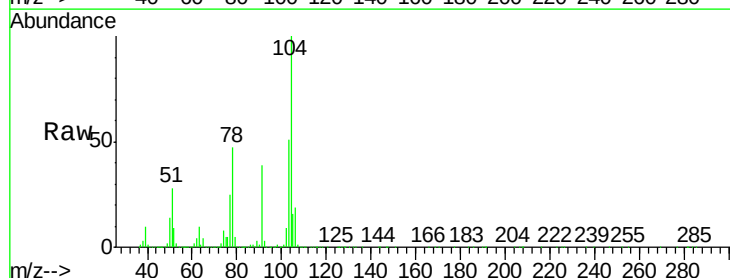
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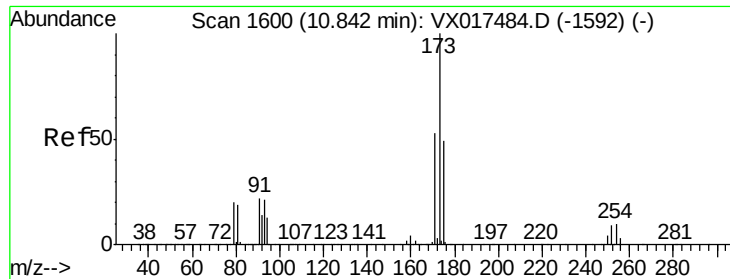
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#70
Styrene
Concen: 47.319 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.7	42.5	63.7
103	54.9	44.3	66.5





#71

Bromoform

Concen: 46.818 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

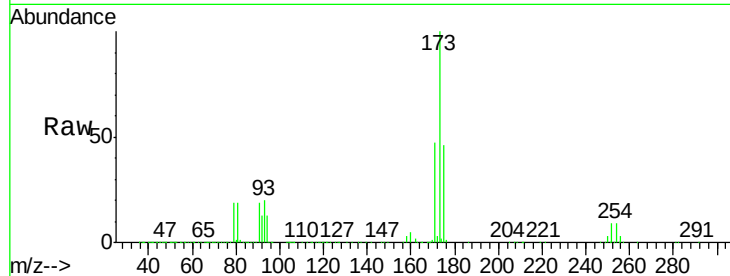
ClientSampleId :

VSTDCCC050

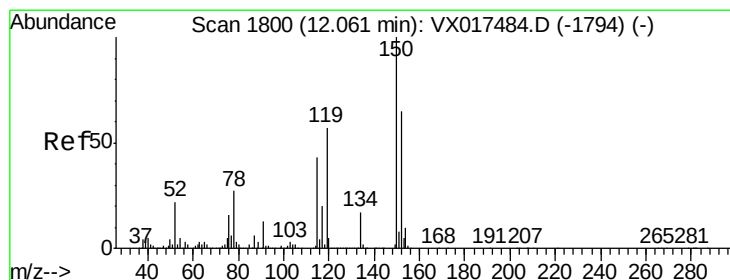
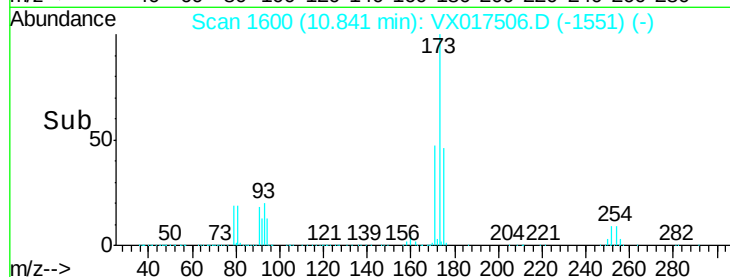
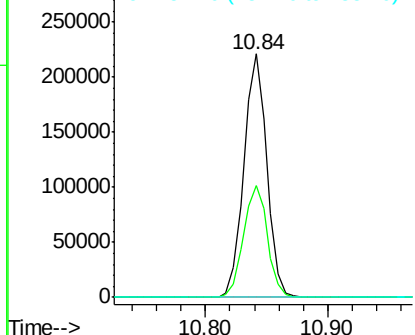
Tot Ion:	173	Resp:	286225
Ion Ratio	Lower	Upper	
173	100		
175	48.0	23.8	71.5
254	0.2	0.1	0.1#

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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

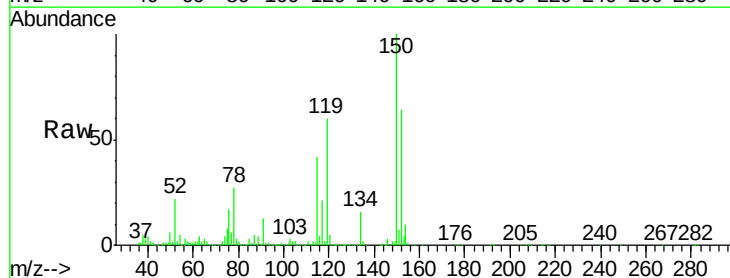
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

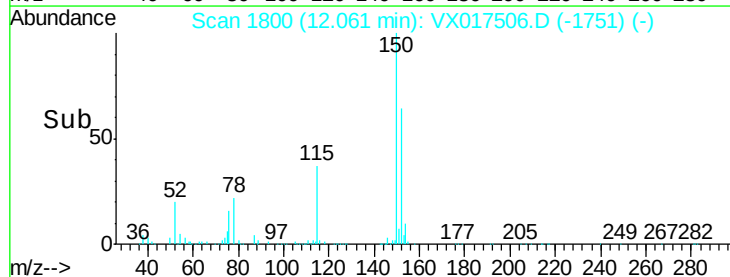
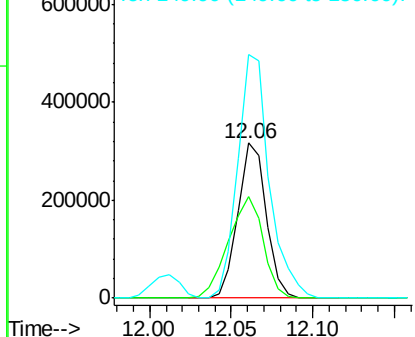
Lab File: VX017506.D

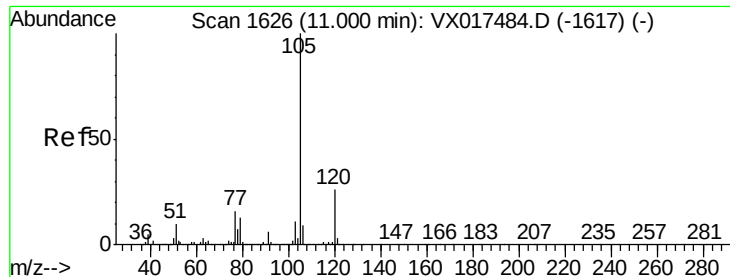
Acq: 23 Jul 2020 21:18

Tgt Ion:	152	Resp:	385163
Ion Ratio	Lower	Upper	
152	100		
115	80.2	65.5	196.6
150	174.7	0.0	412.6



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





#73

Isopropylbenzene

Concen: 48.491 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1281261

Ion Ratio Lower Upper

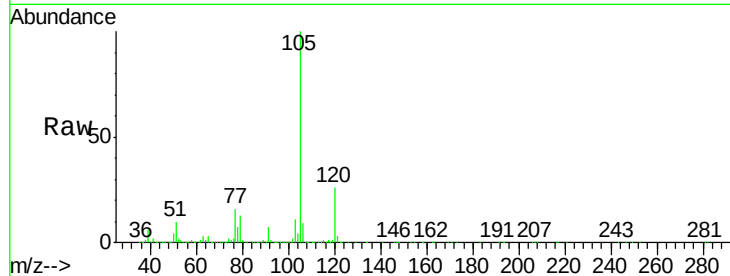
105 100

120 26.6 13.3 39.8

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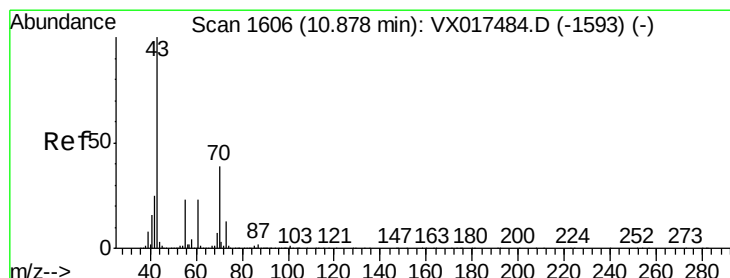
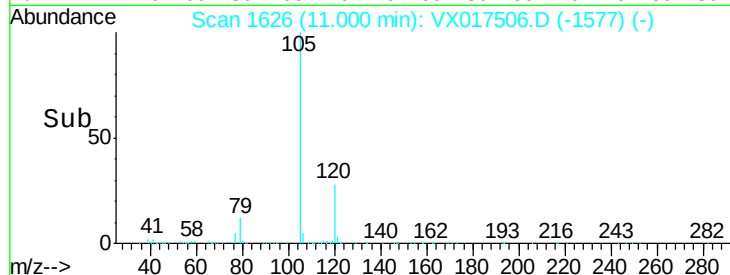
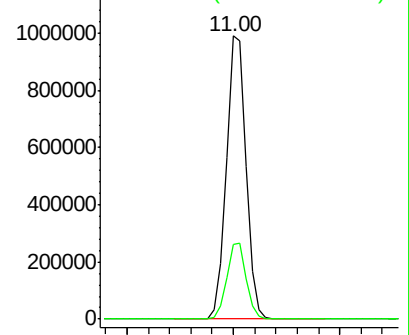
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.802 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Tgt Ion: 43 Resp: 596408

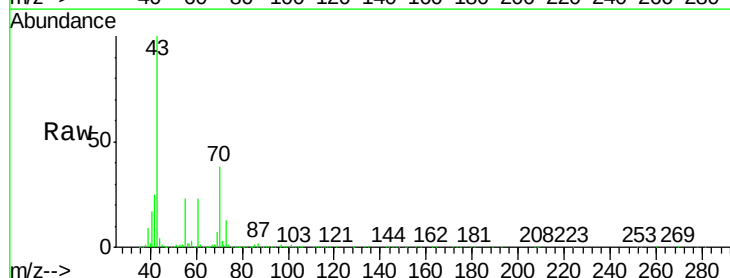
Ion Ratio Lower Upper

43 100

70 40.7 32.3 48.5

55 23.5 18.4 27.6

61 23.9 18.6 28.0

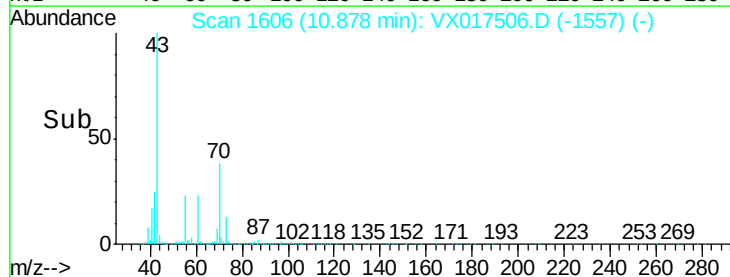
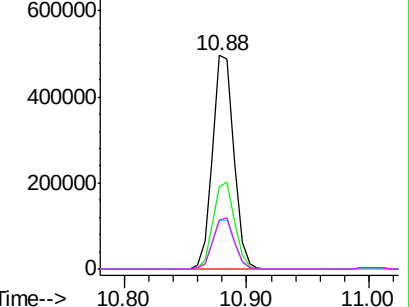


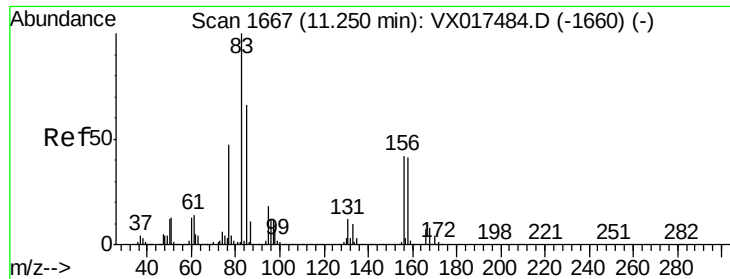
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.710 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

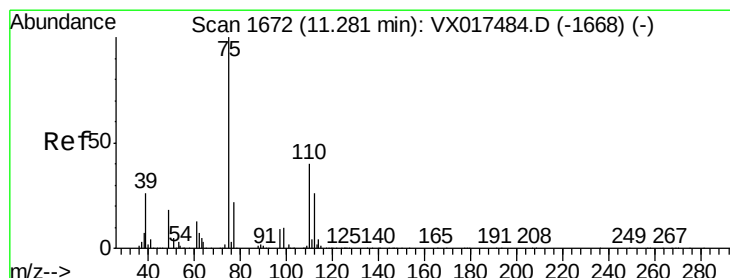
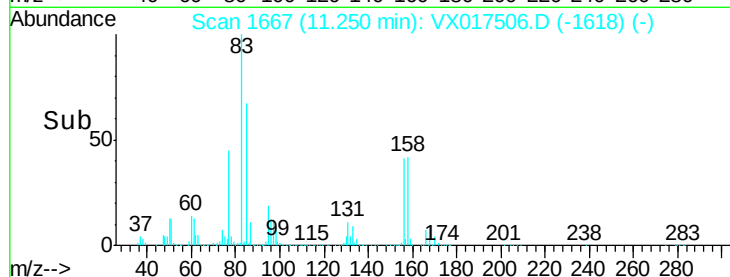
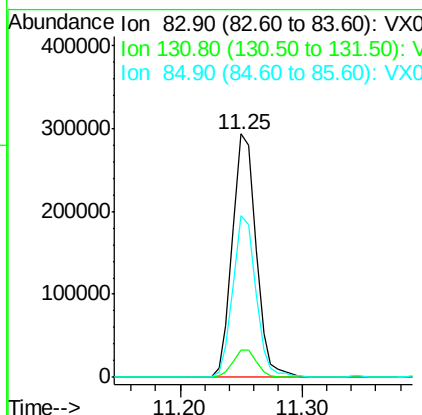
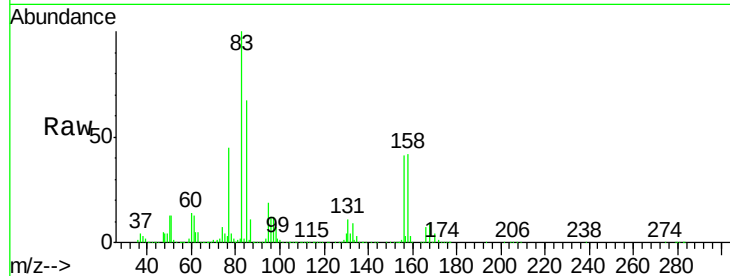
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	393485
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.5	16.5
85	64.7	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.704 ug/l m

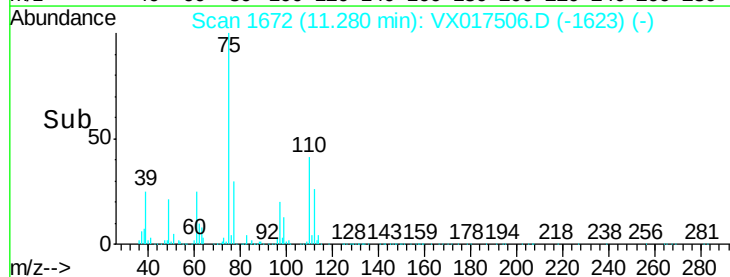
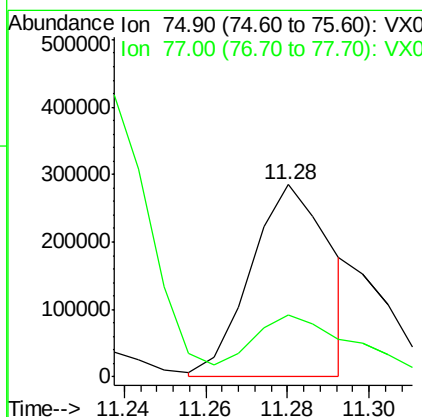
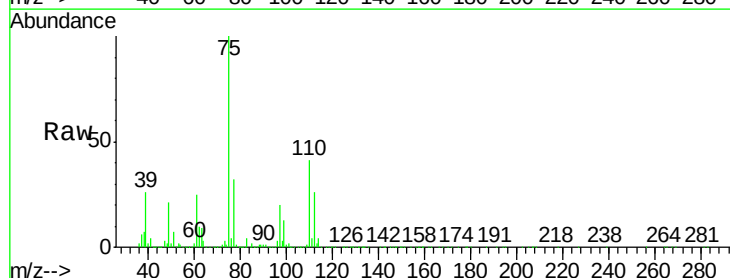
RT: 11.28 min Scan# 1672

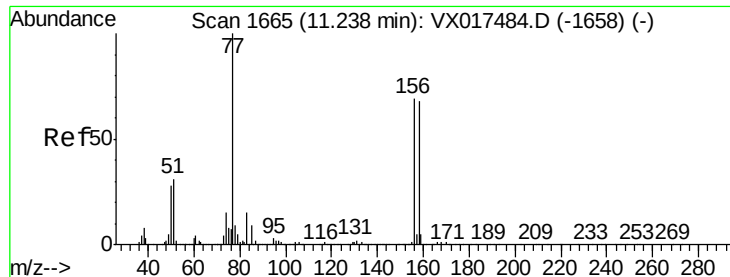
Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Tgt Ion:	75	Resp:	385884
Ion Ratio	Lower	Upper	
75	100		
77	41.3	21.8	65.3





#77

Bromobenzene

Concen: 48.200 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

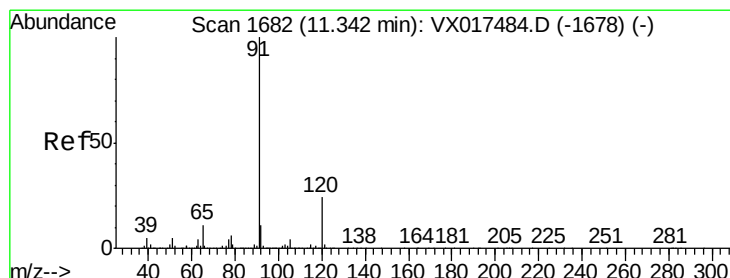
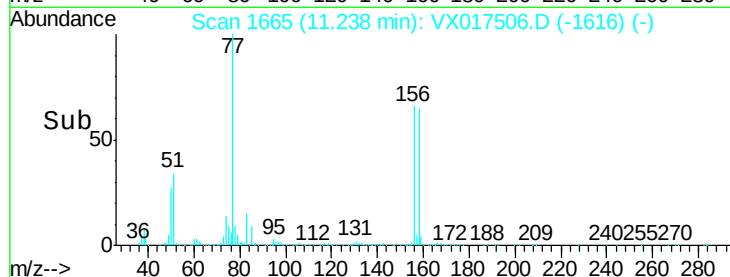
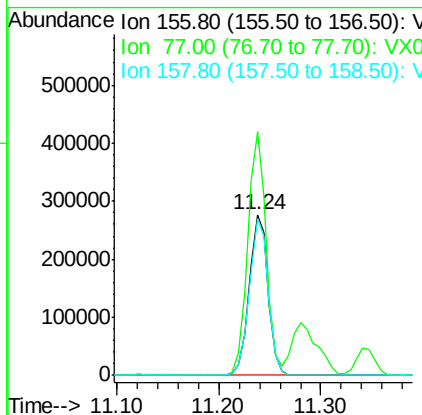
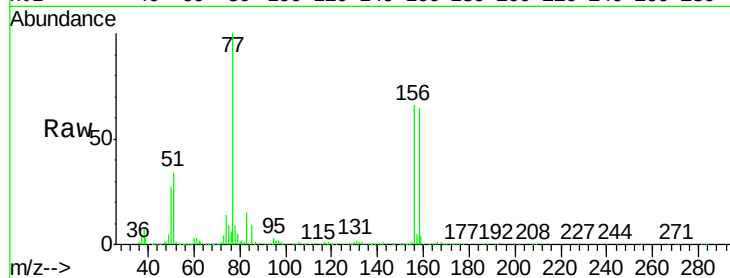
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	356544
Ion Ratio	Lower	Upper	
156	100		
77	147.4	75.0	225.0
158	97.9	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 47.890 ug/l

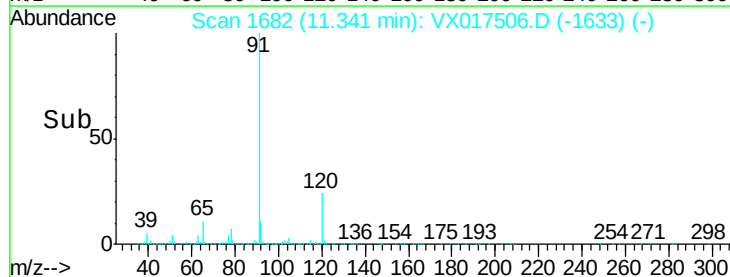
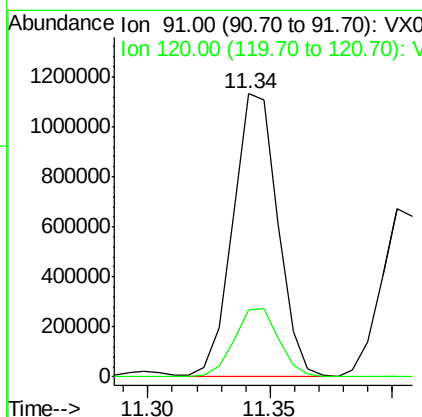
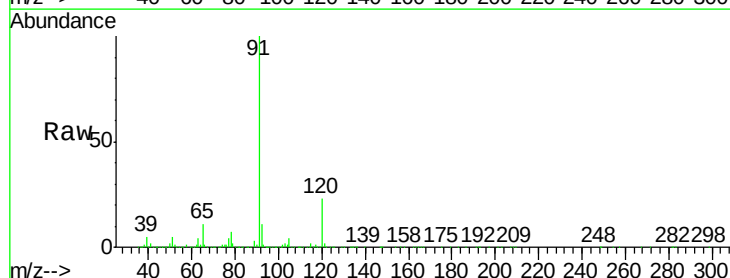
RT: 11.34 min Scan# 1682

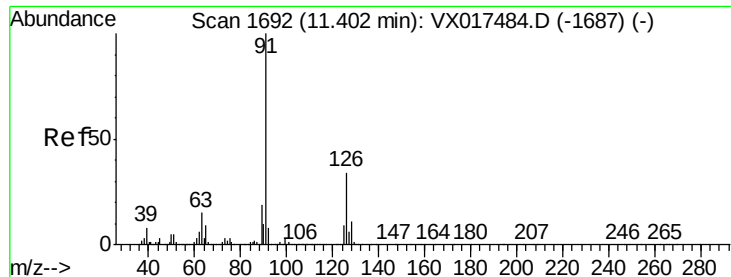
Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Tgt Ion:	91	Resp:	1427167
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.2	36.4





#79

2-Chlorotoluene

Concen: 47.088 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 869264

Ion Ratio Lower Upper

91 100

126 35.2

17.5

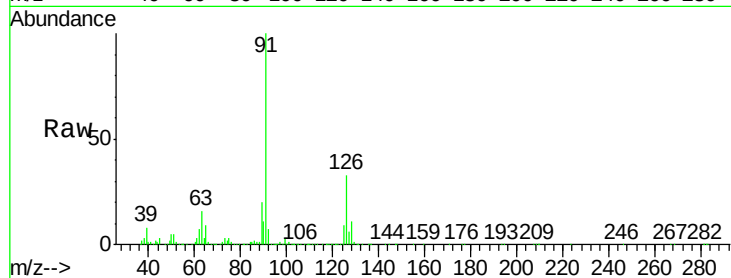
52.5

Manual Integrations

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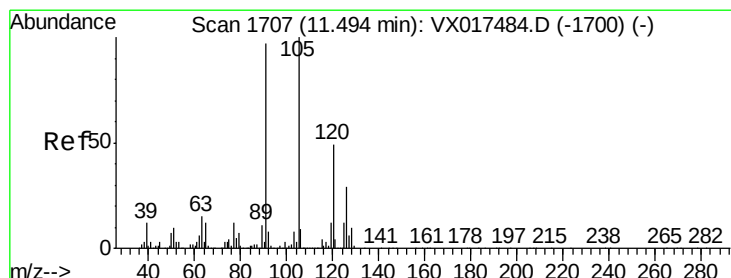
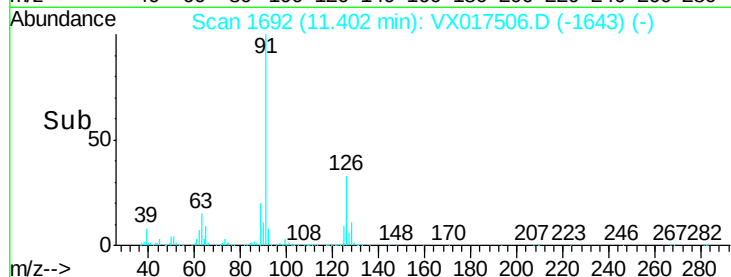
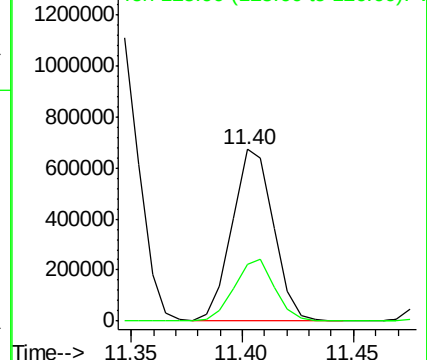
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.486 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Tgt Ion:105 Resp: 1116410

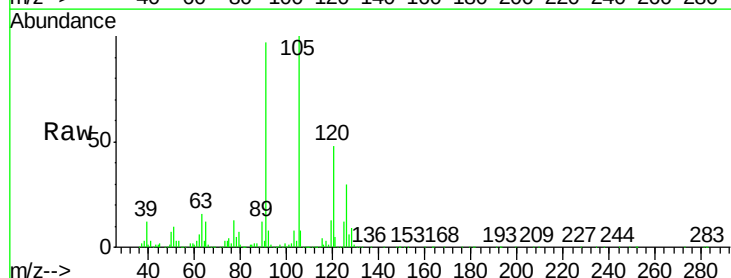
Ion Ratio Lower Upper

105 100

120 47.7

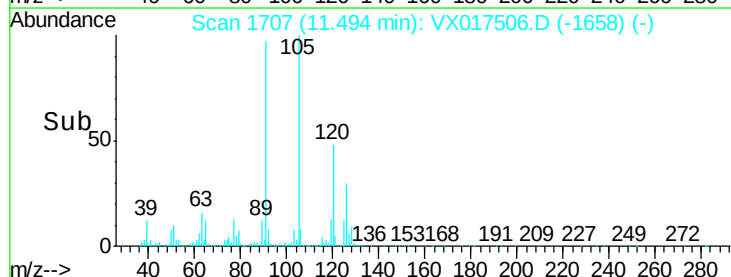
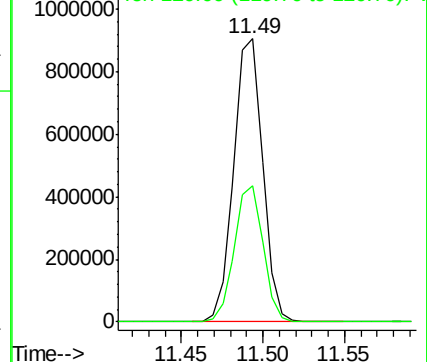
24.1

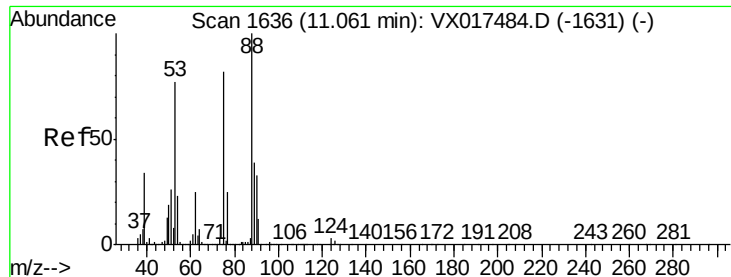
72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





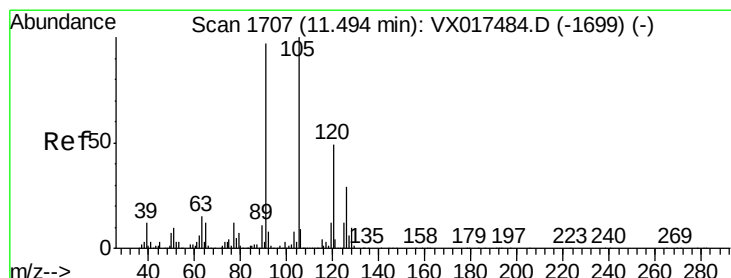
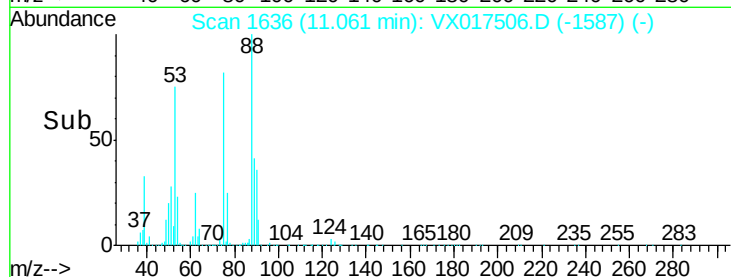
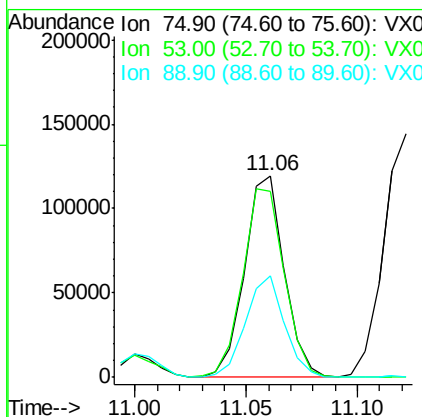
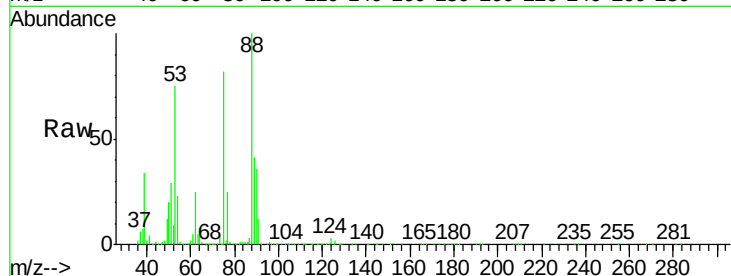
#81
trans-1,4-Dichloro-2-butene
Concen: 46.841 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.6	75.9	113.9
89	50.1	37.8	56.6

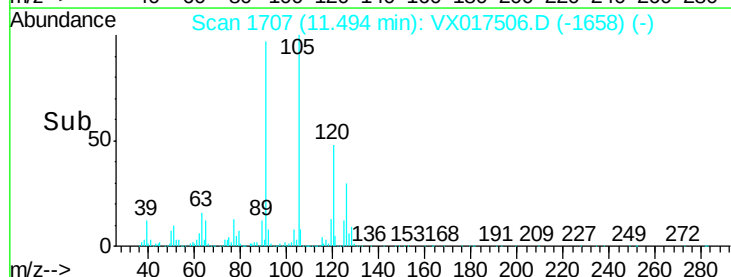
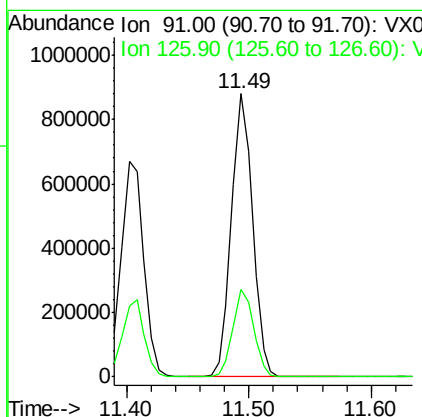
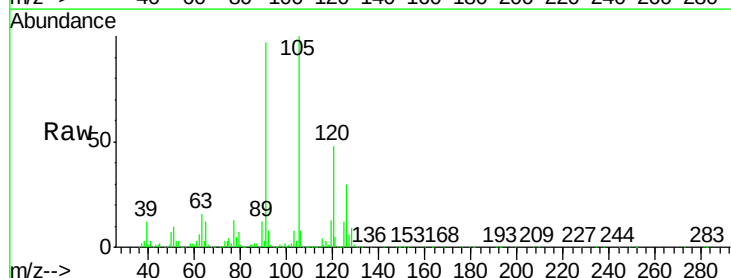
Manual Integrations
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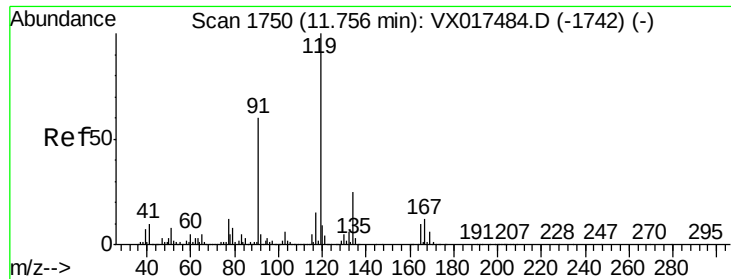
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.335 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.2	45.6





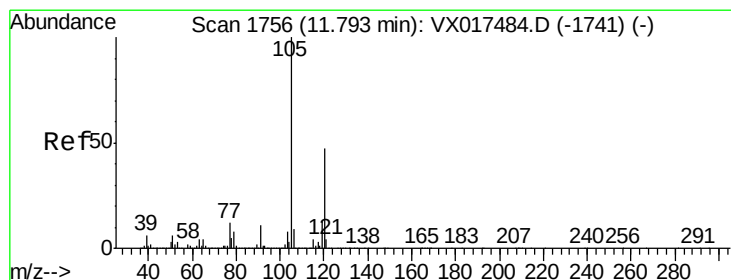
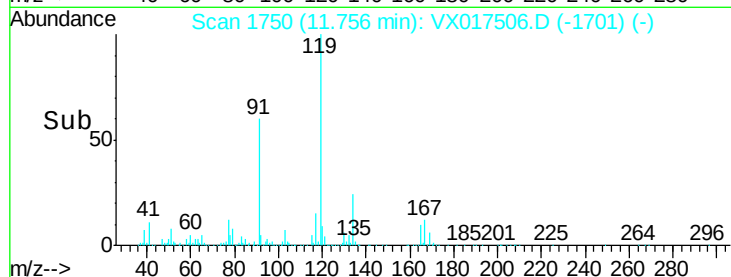
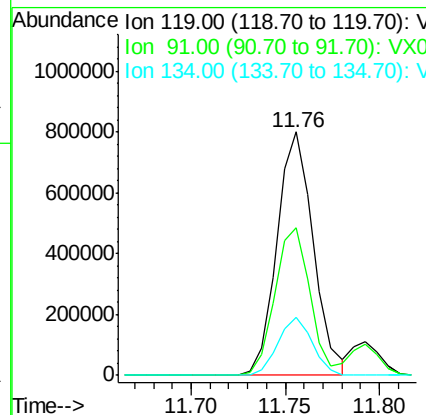
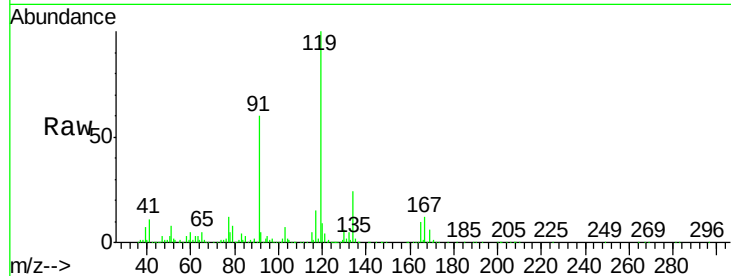
#83
 tert-Butylbenzene
 Concen: 49.520 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.0	29.3	88.0
134	22.6	11.2	33.6

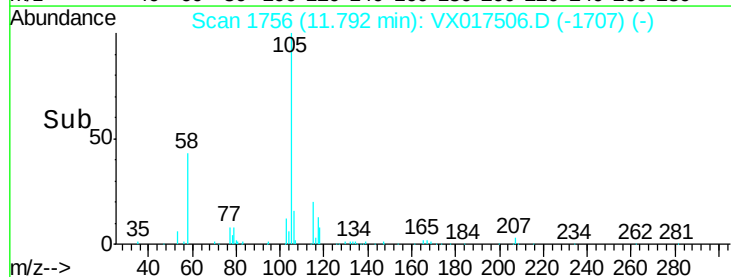
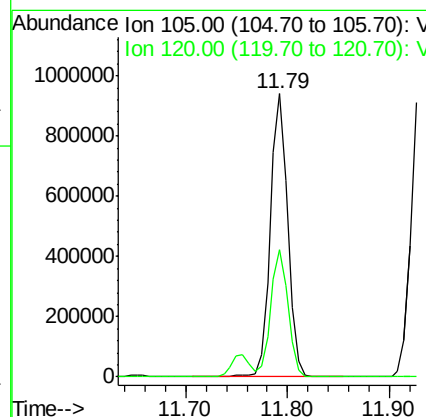
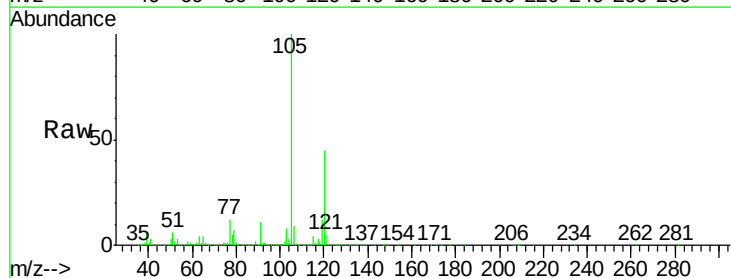
Manual Integrations
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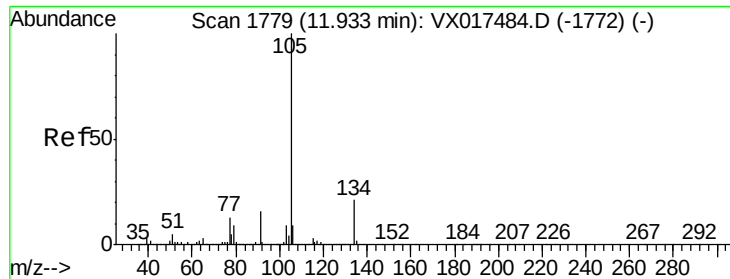
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.674 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.7	68.0





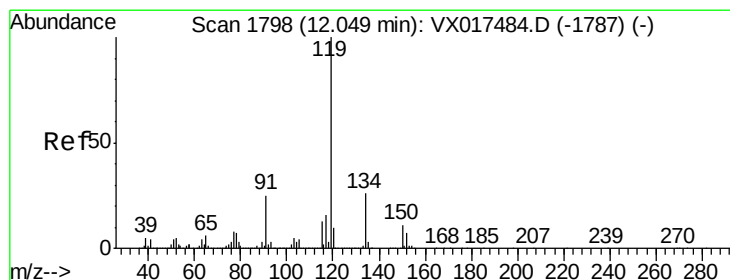
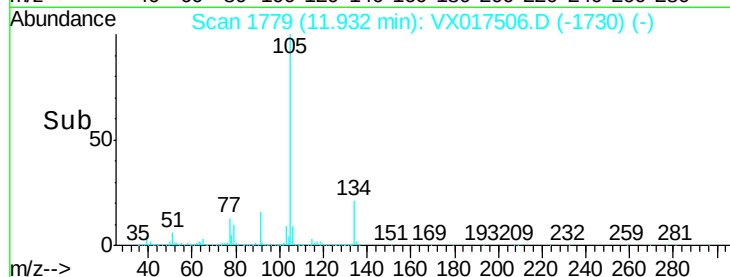
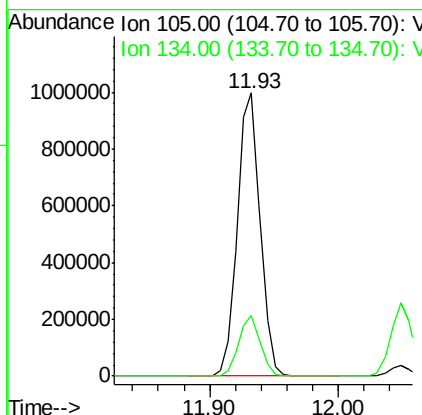
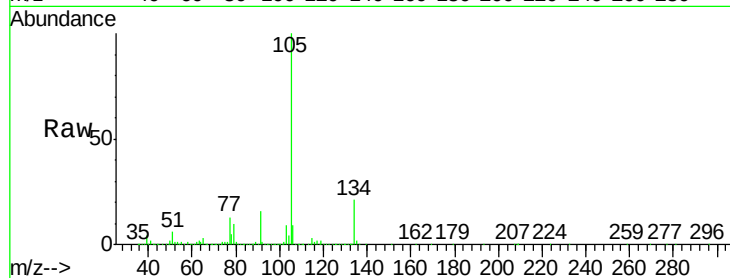
#85
 sec-Butylbenzene
 Concen: 48.397 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1217037
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2

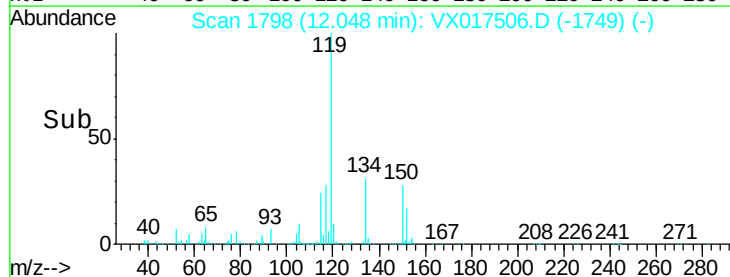
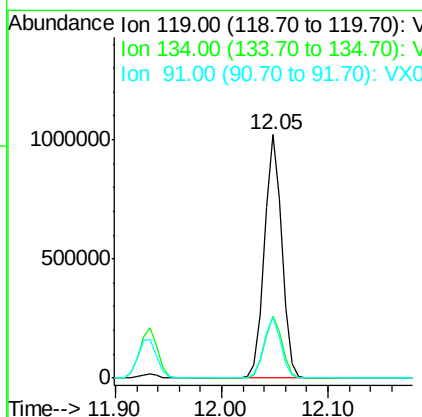
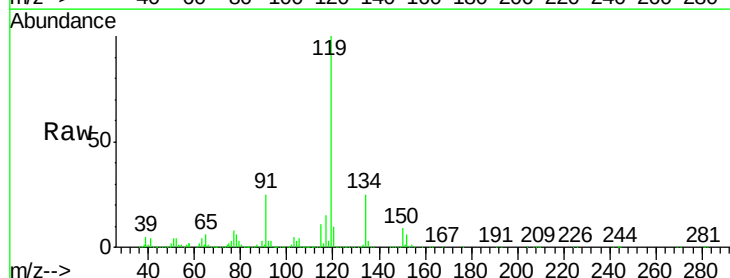
Manual Integrations
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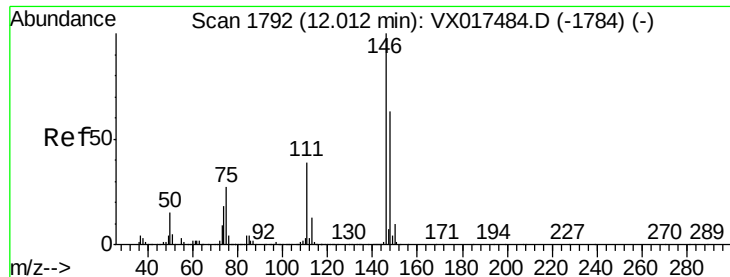
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#86
 p-Isopropyltoluene
 Concen: 48.751 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Tgt Ion:119 Resp: 1167466
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.3
 91 24.7 12.1 36.3





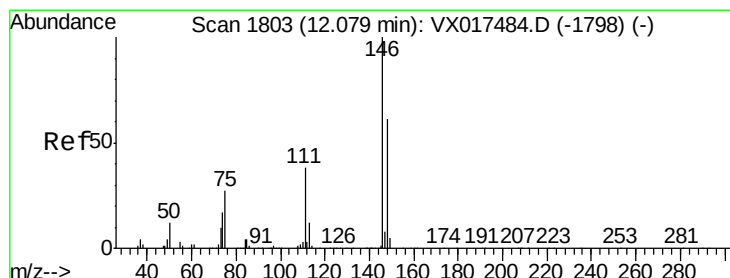
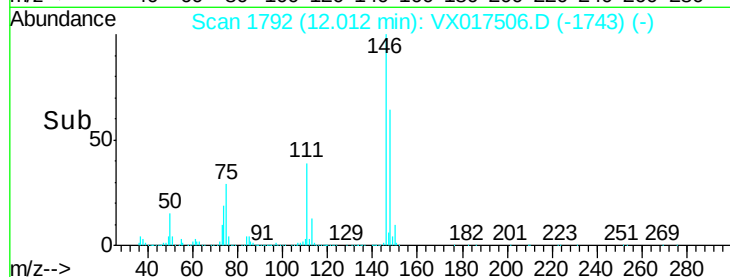
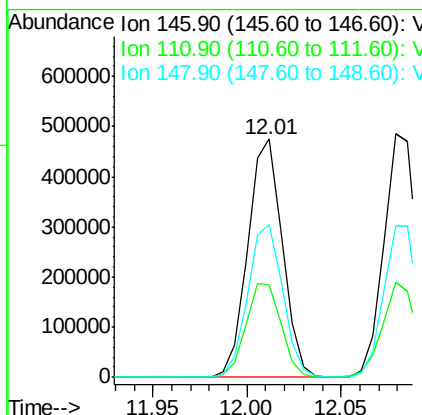
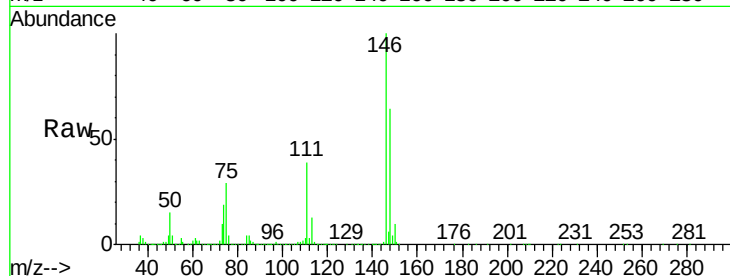
#87
 1,3-Dichlorobenzene
 Concen: 47.616 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.7
148	64.6	31.6	95.0

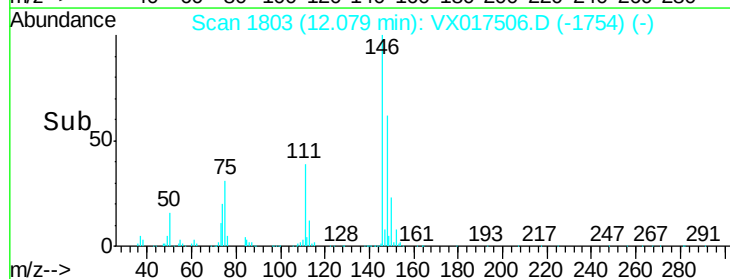
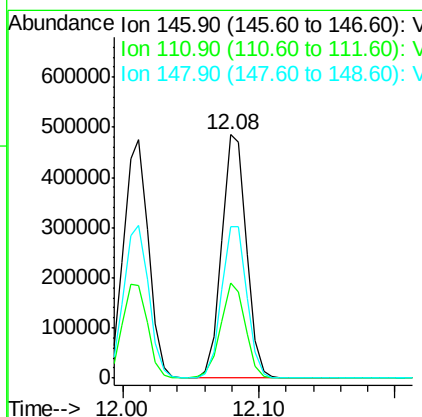
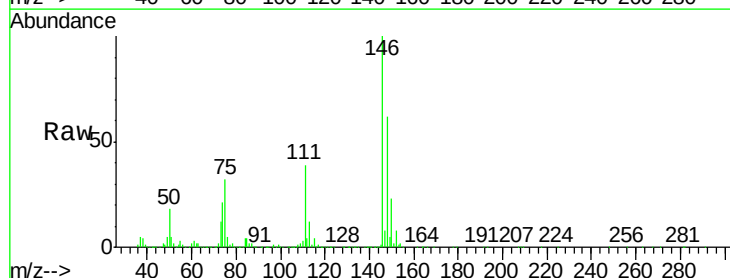
Manual Integrations
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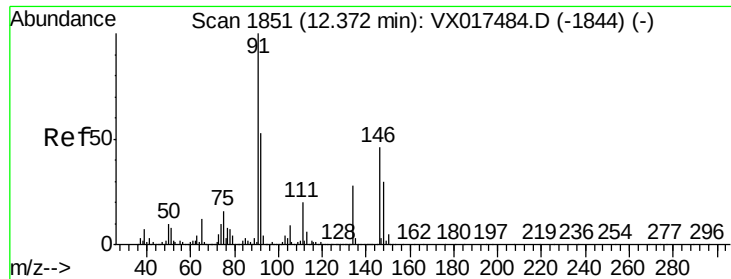
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#88
 1,4-Dichlorobenzene
 Concen: 46.327 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.3	57.8
148	63.9	32.2	96.6





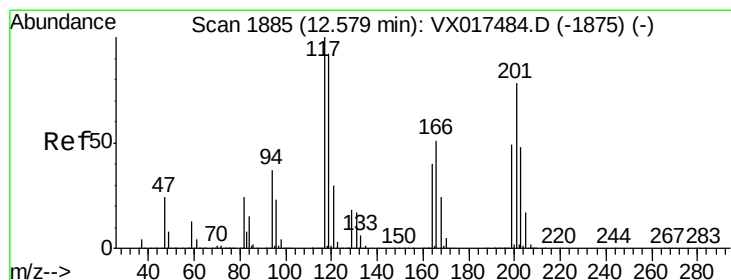
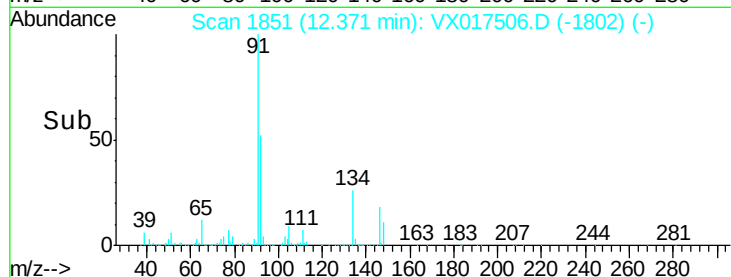
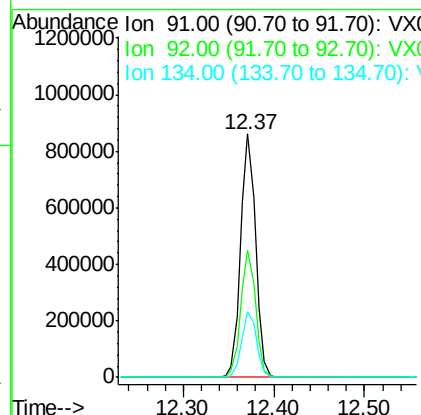
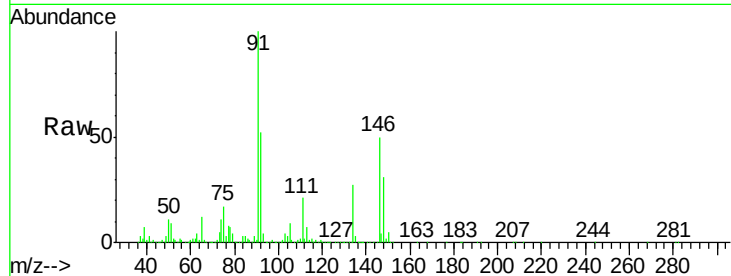
#89
n-Butylbenzene
Concen: 46.142 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.7	80.1
134	26.9	13.6	40.7

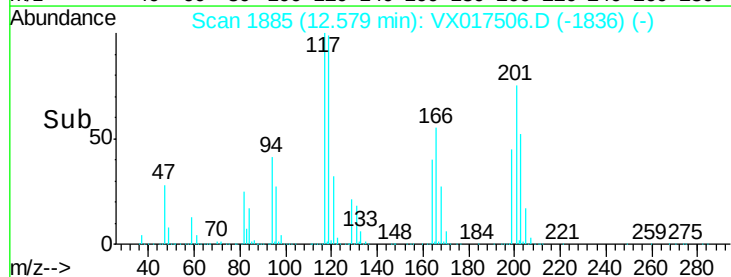
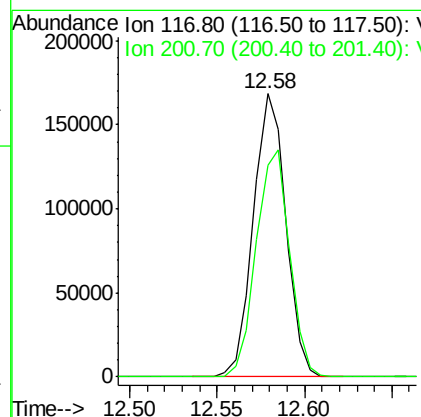
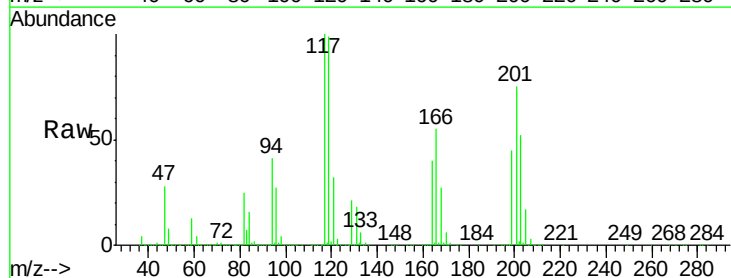
Manual Integrations
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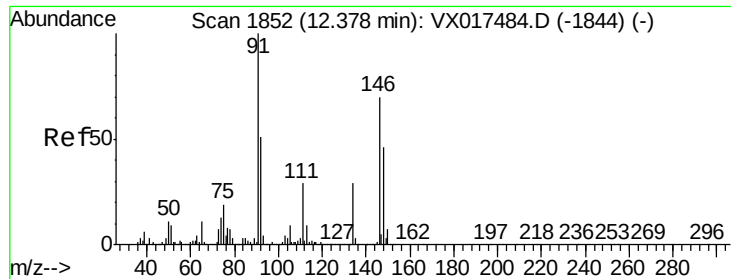
MMDadoda
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#90
Hexachloroethane
Concen: 46.100 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.7	42.2	126.6





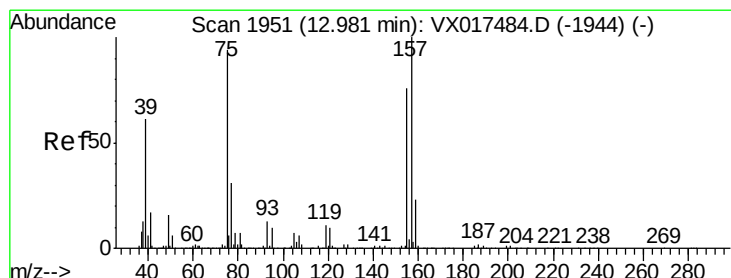
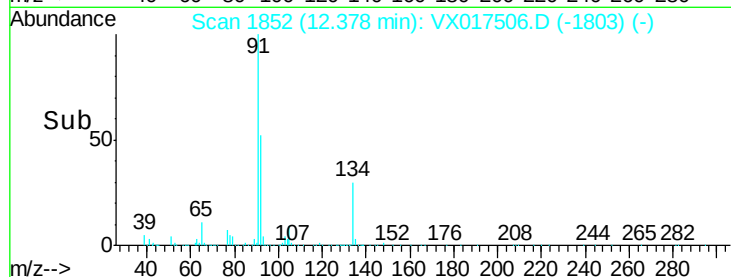
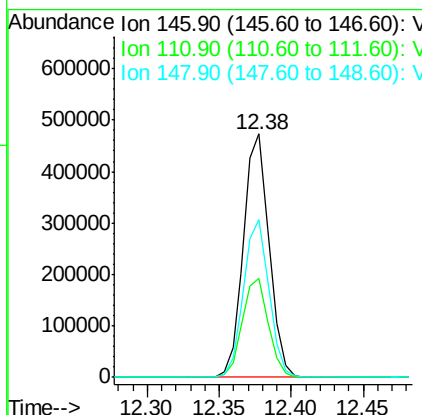
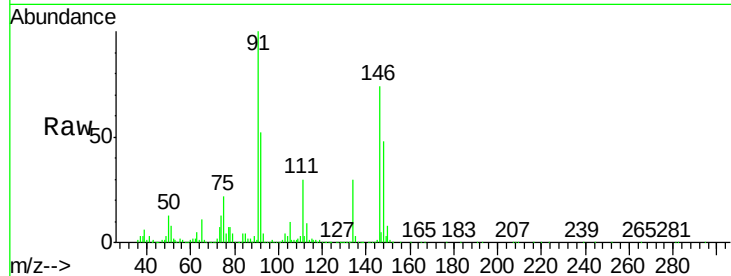
#91
 1,2-Dichlorobenzene
 Concen: 46.631 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.9	62.8
148	64.6	32.8	98.4

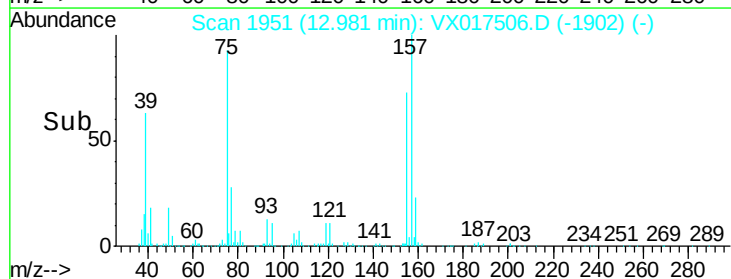
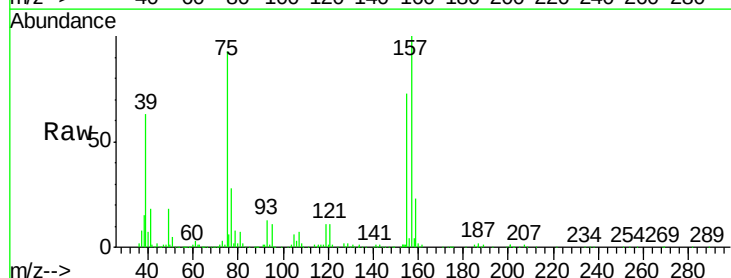
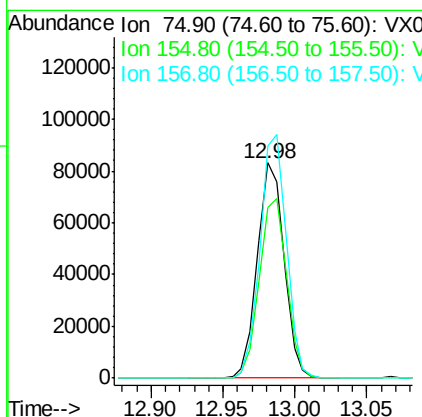
Manual Integrations
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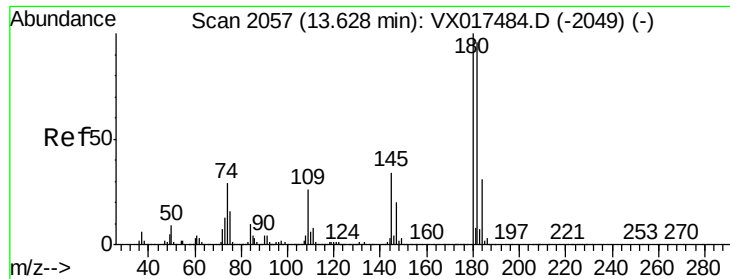
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.739 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.1	42.3	126.8
157	111.6	54.3	162.9





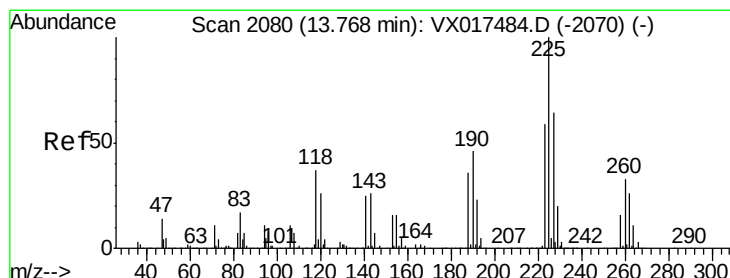
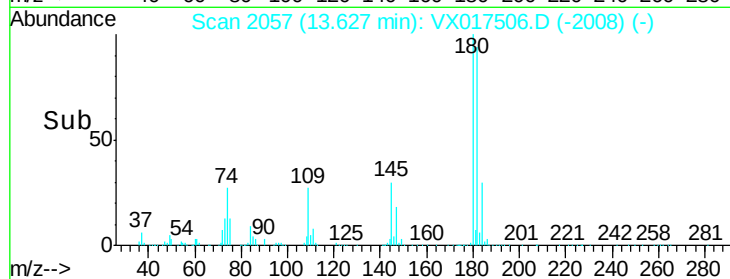
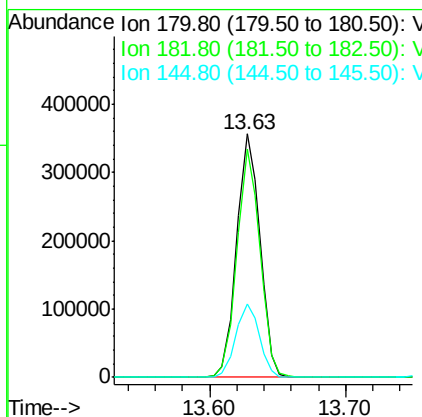
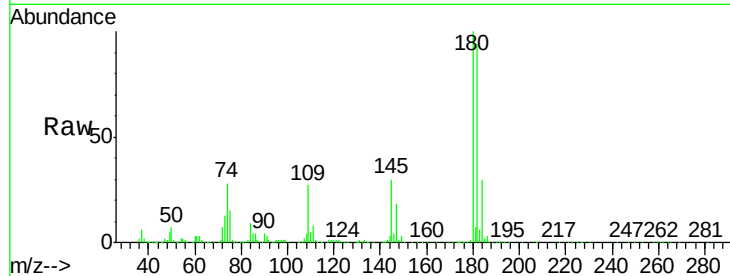
#93
 1,2,4-Trichlorobenzene
 Concen: 49.834 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	424613		
182	92.9	47.5	142.6	
145	30.6	15.4	46.4	

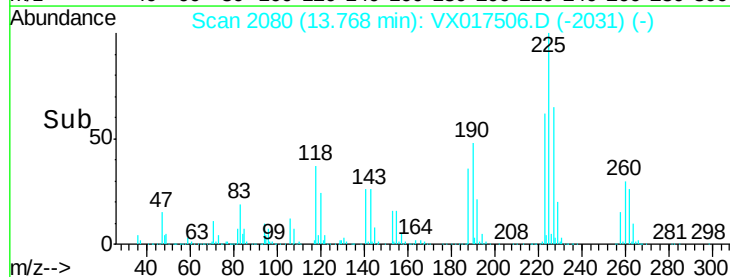
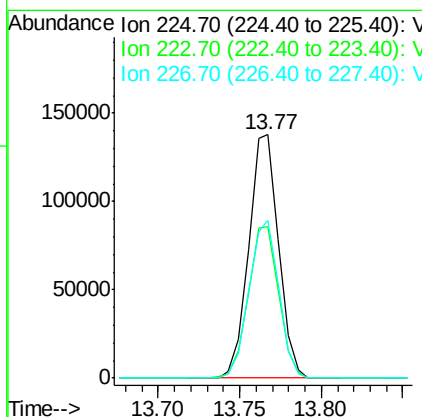
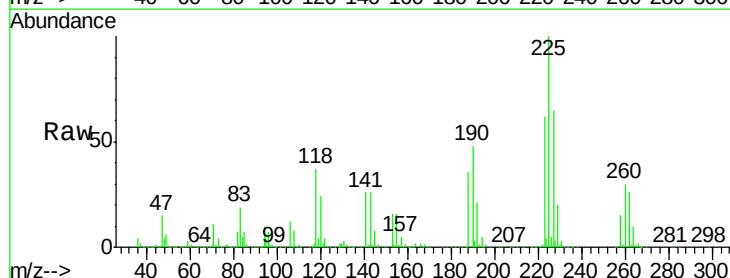
Manual Integrations
 APPROVED

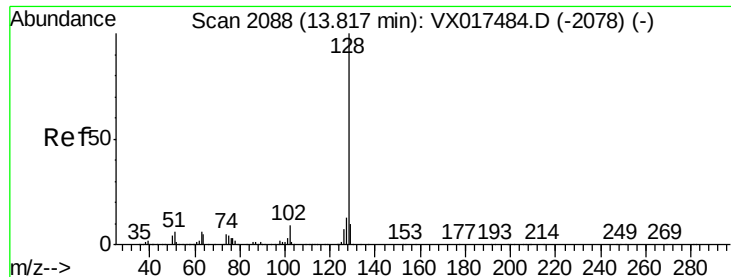
MMDadoda
 7/24/2020 9:56:10 AM



#94
 Hexachlorobutadiene
 Concen: 44.770 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	175596		
223	64.0	30.3	90.9	
227	64.8	31.1	93.2	





#95

Naphthalene

Concen: 52.518 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

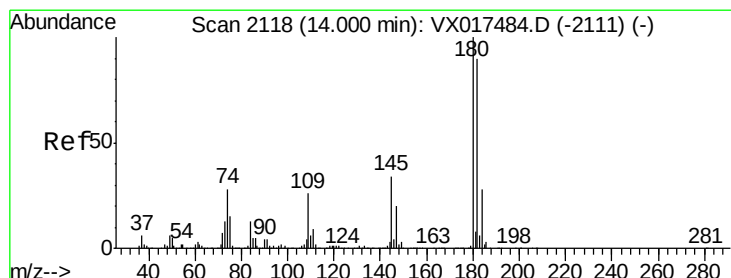
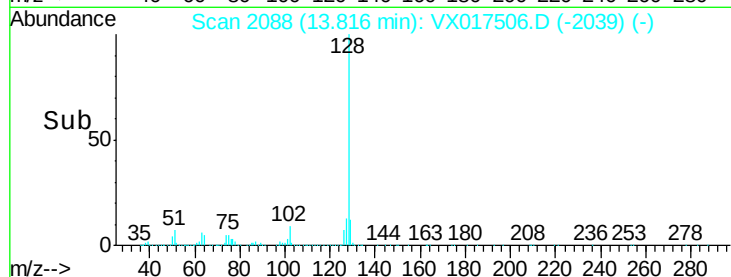
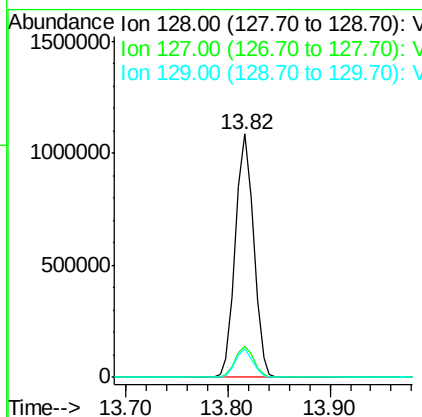
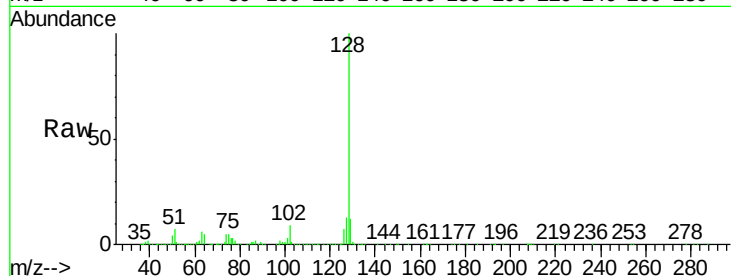
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1335827
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.2	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/24/2020 9:56:10 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.291 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Tgt Ion:	180	Resp:	423103
Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.4	142.3
145	33.5	16.3	48.9

