

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX090820\
 Data File : VX018289.D
 Acq On : 08 Sep 2020 20:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/9/2020 8:48:11 PM

Quant Time: Sep 09 02:35:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	443866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	696465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	665529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	381439	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	264487	42.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.84%	
35) Dibromofluoromethane	5.47	113	204317	43.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.16%	
50) Toluene-d8	8.70	98	709094	40.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.28%	
62) 4-Bromofluorobenzene	11.12	95	301553	43.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	227713	42.137	ug/l	98
3) Chloromethane	1.31	50	207920	36.493	ug/l	98
4) Vinyl Chloride	1.39	62	227270	40.072	ug/l	98
5) Bromomethane	1.62	94	135487	49.527	ug/l	98
6) Chloroethane	1.70	64	136915	44.946	ug/l	95
7) Trichlorofluoromethane	1.91	101	387374	50.090	ug/l	100
8) Diethyl Ether	2.17	74	119564	45.588	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	191819	45.879	ug/l	98
10) Methyl Iodide	2.49	142	177666	40.804	ug/l	94
11) Tert butyl alcohol	3.02	59	269360	224.820	ug/l	98
12) 1,1-Dichloroethene	2.35	96	187970	43.334	ug/l	97
13) Acrolein	2.28	56	95806	192.850	ug/l	98
14) Allyl chloride	2.71	41	335909	43.103	ug/l	96
15) Acrylonitrile	3.12	53	580688	213.662	ug/l	98
16) Acetone	2.42	43	520701	216.860	ug/l	95
17) Carbon Disulfide	2.55	76	510857	38.958	ug/l	99
18) Methyl Acetate	2.75	43	291737	50.351	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	699907	47.049	ug/l	100
20) Methylene Chloride	2.83	84	218949	44.468	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	204240	42.499	ug/l	98
22) Diisopropyl ether	3.83	45	689931	44.855	ug/l	98
23) Vinyl Acetate	3.78	43	3080516	225.077	ug/l	99
24) 1,1-Dichloroethane	3.67	63	392609	44.840	ug/l	99
25) 2-Butanone	4.64	43	829836	210.293	ug/l	99
26) 2,2-Dichloropropane	4.55	77	306342	43.001	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	234965	42.435	ug/l	99
28) Bromochloromethane	4.98	49	175924	41.625	ug/l	97
29) Tetrahydrofuran	5.09	42	533586	212.414	ug/l	99
30) Chloroform	5.18	83	416492	45.939	ug/l	98
31) Cyclohexane	5.55	56	299444	40.600	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	393078	47.245	ug/l	99
36) 1,1-Dichloropropene	5.77	75	287830	44.807	ug/l	99
37) Ethyl Acetate	4.79	43	325787	43.666	ug/l	100
38) Carbon Tetrachloride	5.76	117	357741	49.416	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	296499	42.211	ug/l	96
40) Benzene	6.11	78	846452	44.844	ug/l	100
41) Methacrylonitrile	5.01	41	177436	43.313	ug/l	98
42) 1,2-Dichloroethane	6.17	62	357301	49.406	ug/l	97
43) Isopropyl Acetate	6.41	43	526977	43.730	ug/l	99
44) Trichloroethene	7.19	130	237983	44.621	ug/l	98
45) 1,2-Dichloropropane	7.49	63	227726	44.763	ug/l	99
46) Dibromomethane	7.64	93	164862	46.083	ug/l	98
47) Bromodichloromethane	7.88	83	343854	48.138	ug/l	100
48) Methyl methacrylate	7.74	41	262889	43.822	ug/l	97
49) 1,4-Dioxane	7.71	88	89530	823.904	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1695364	227.754	ug/l	100
52) Toluene	8.77	92	534570	44.663	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	366254	46.263	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	376575	44.903	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	231495	45.349	ug/l	98
56) Ethyl methacrylate	9.16	69	349066	45.998	ug/l	99
57) 1,3-Dichloropropane	9.35	76	379631	45.090	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	636509	186.455	ug/l	99
59) 2-Hexanone	9.48	43	1296272	229.016	ug/l	99
60) Dibromochloromethane	9.57	129	285625	47.697	ug/l	100
61) 1,2-Dibromoethane	9.65	107	252019	45.474	ug/l	99
64) Tetrachloroethene	9.32	164	203487	41.607	ug/l	94
65) Chlorobenzene	10.12	112	603220	45.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	253380	48.365	ug/l	98
67) Ethyl Benzene	10.24	91	1038136	45.926	ug/l	99
68) m/p-Xylenes	10.34	106	803775	95.268	ug/l	97
69) o-Xylene	10.68	106	385867	47.179	ug/l	97
70) Styrene	10.70	104	681838	48.953	ug/l	99
71) Bromoform	10.84	173	231646	51.839	ug/l #	99
73) Isopropylbenzene	11.00	105	1055653	41.957	ug/l	99
74) N-amyl acetate	10.88	43	486408	40.746	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	366024	41.239	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	335258m	39.511	ug/l	
77) Bromobenzene	11.24	156	289293	41.596	ug/l	97
78) n-propylbenzene	11.34	91	1211742	42.416	ug/l	99
79) 2-Chlorotoluene	11.40	91	752422	42.630	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	931581	45.057	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	127026	40.432	ug/l	98
82) 4-Chlorotoluene	11.49	91	889897	42.412	ug/l	99
83) tert-Butylbenzene	11.76	119	908848	44.543	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	954603	45.160	ug/l	100
85) sec-Butylbenzene	11.93	105	1035826	44.641	ug/l	100
86) p-Isopropyltoluene	12.05	119	967811	45.408	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	515970	42.256	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	529275	43.291	ug/l	97
89) n-Butylbenzene	12.37	91	824908	42.404	ug/l	99
90) Hexachloroethane	12.58	117	196502	46.860	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	501098	43.596	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	92521	41.690	ug/l	97

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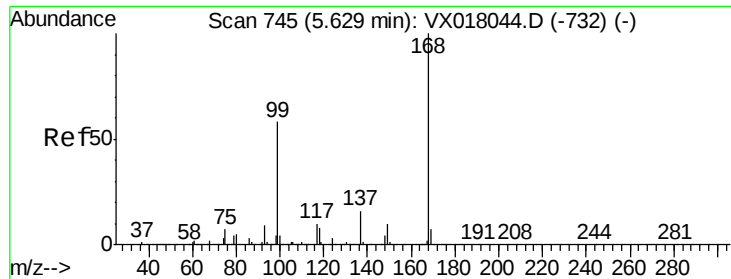
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
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QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	334955	43.702	ug/l	97
94) Hexachlorobutadiene	13.77	225	140728	46.550	ug/l	96
95) Naphthalene	13.82	128	1065847	42.254	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	331209	43.733	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 443866

Ion Ratio Lower Upper

168 100

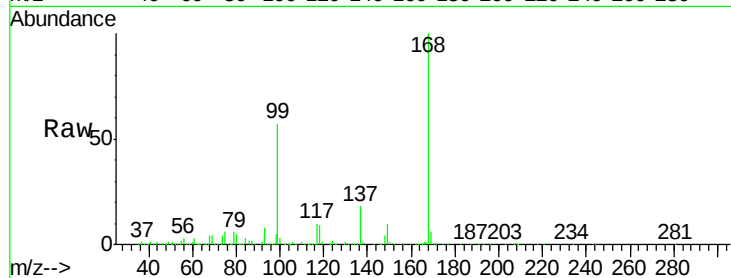
99 57.0 46.3 69.5

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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

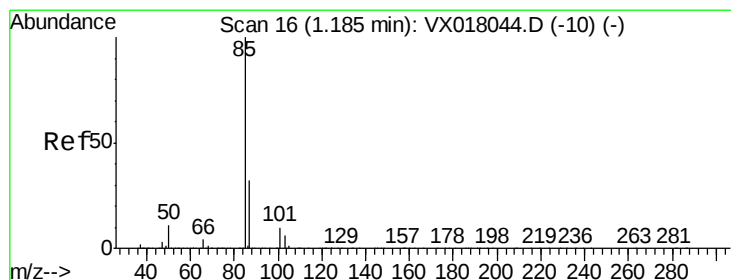
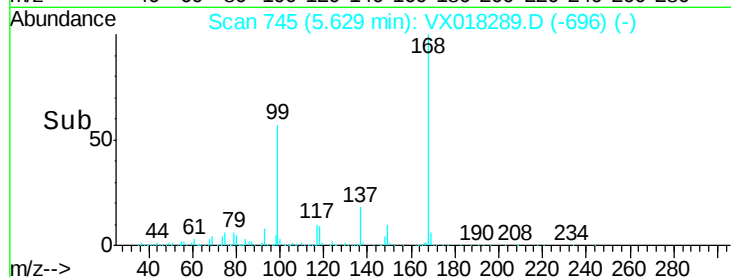
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.137 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018289.D

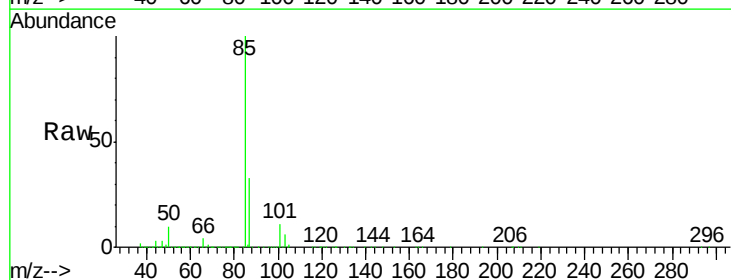
Acq: 08 Sep 2020 20:35

Tgt Ion: 85 Resp: 227713

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

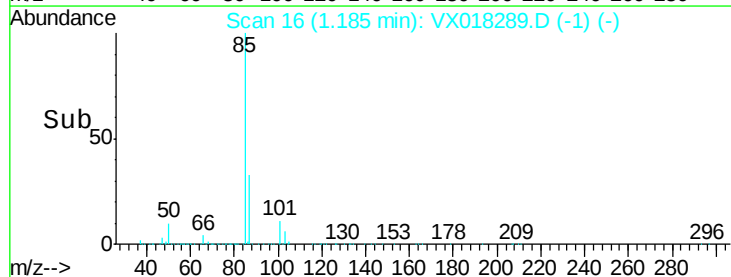
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 36.493 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 207920

Ion Ratio Lower Upper

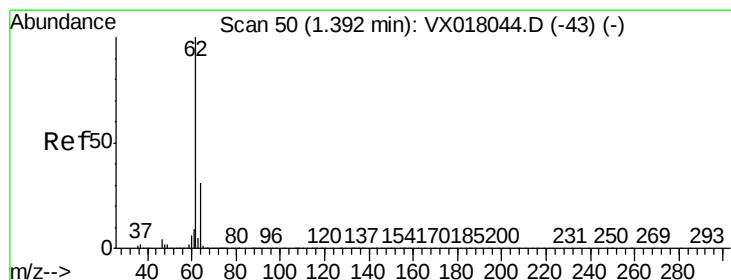
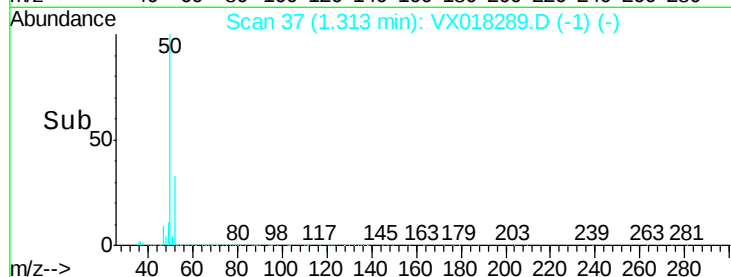
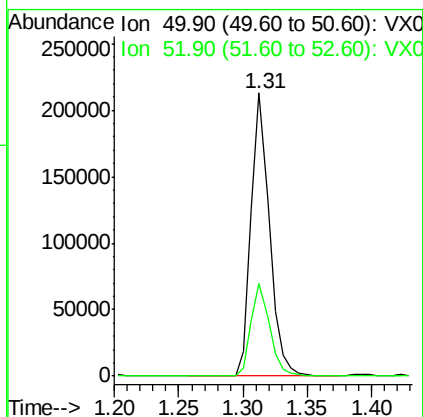
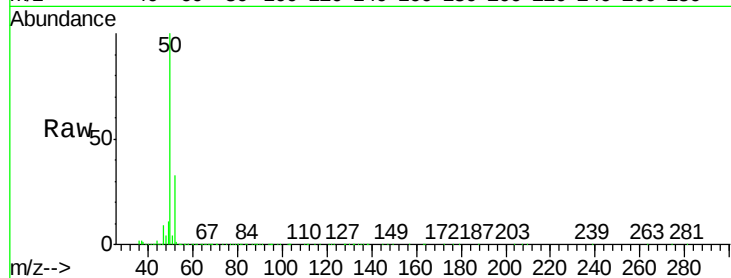
50 100

52 32.8 25.4 38.2

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#4

Vinyl Chloride

Concen: 40.072 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018289.D

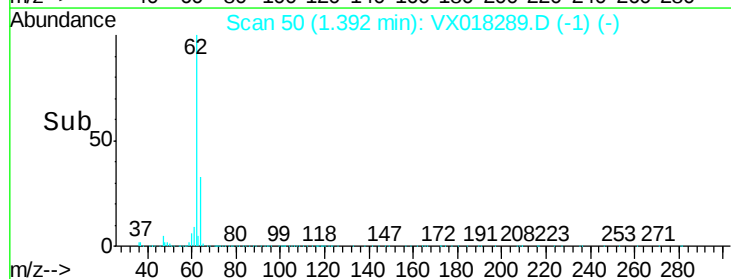
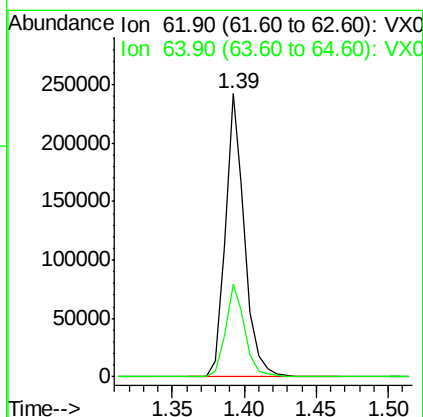
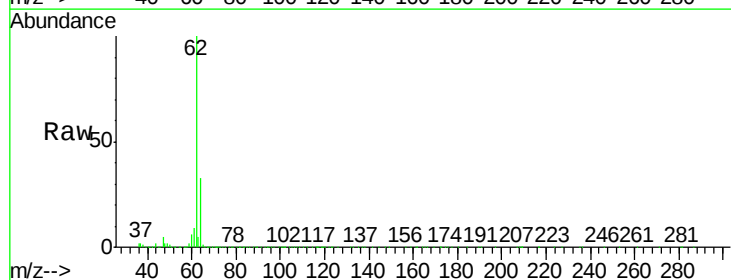
Acq: 08 Sep 2020 20:35

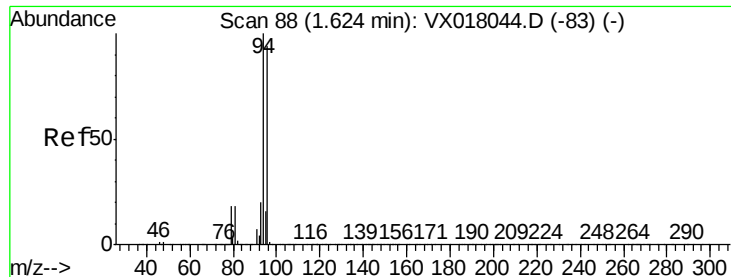
Tgt Ion: 62 Resp: 227270

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 49.527 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 135487

Ion Ratio Lower Upper

94 100

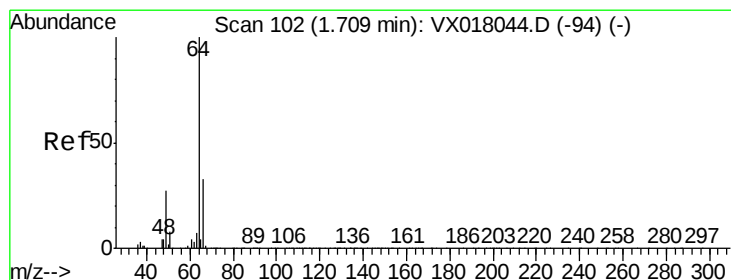
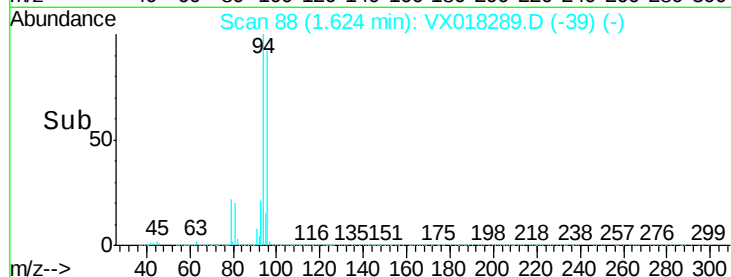
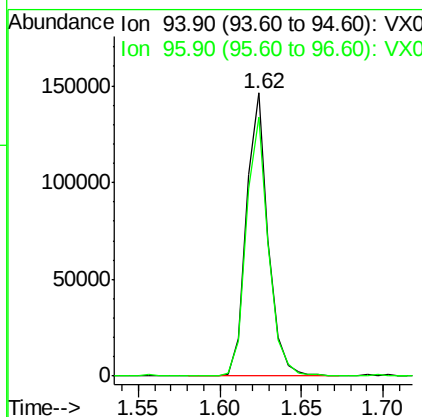
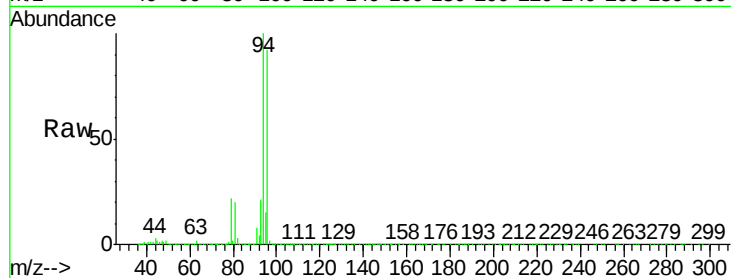
96 91.4 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 44.946 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018289.D

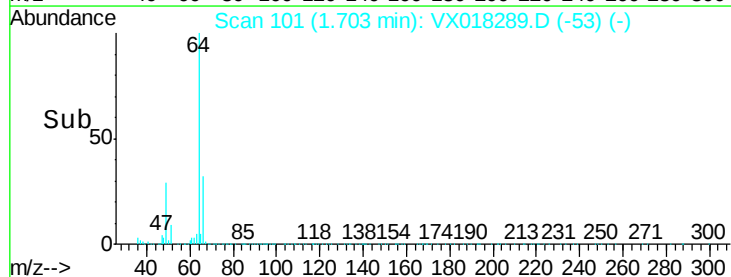
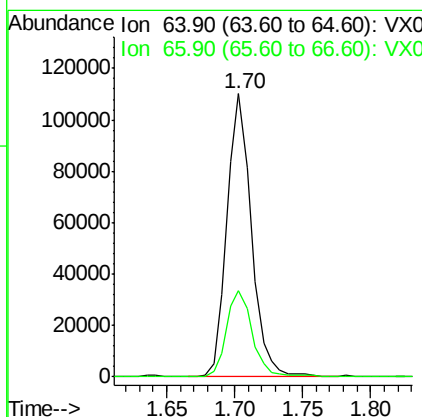
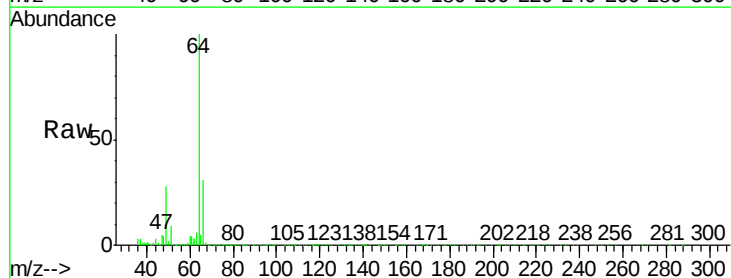
Acq: 08 Sep 2020 20:35

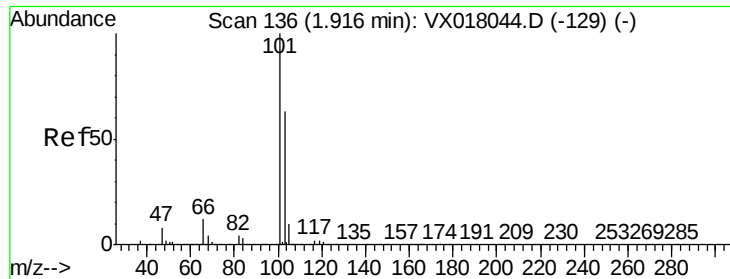
Tgt Ion: 64 Resp: 136915

Ion Ratio Lower Upper

64 100

66 30.4 26.6 39.8





#7

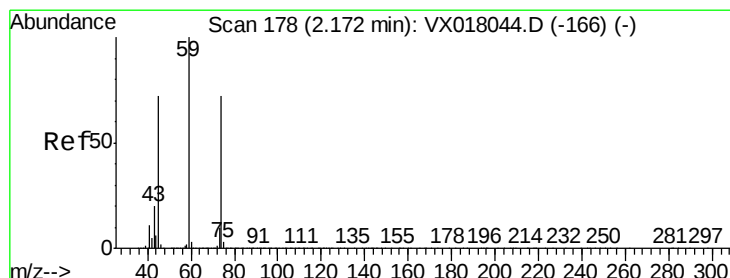
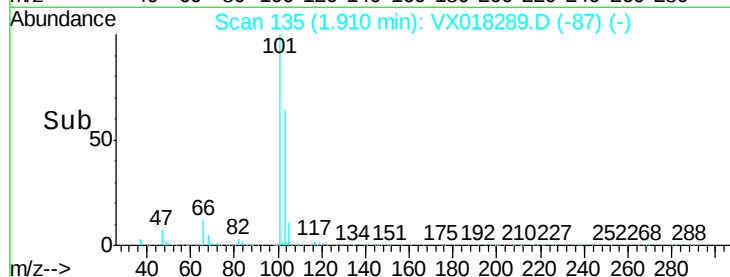
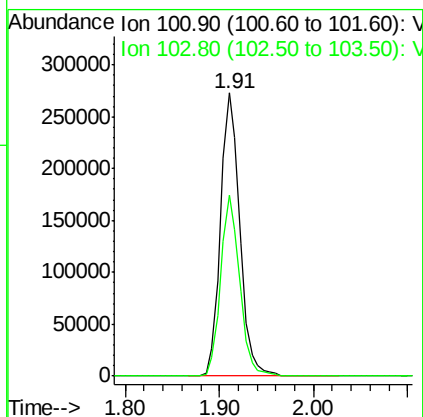
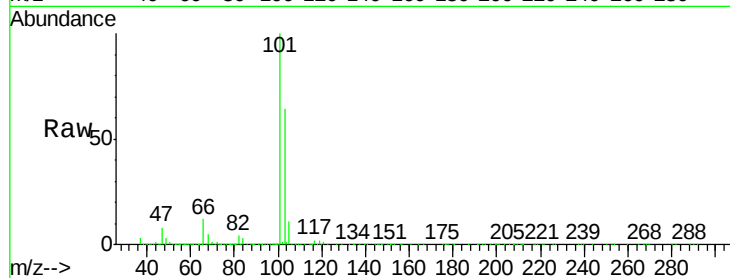
Trichlorofluoromethane
Concen: 50.090 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018289.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.7	76.1

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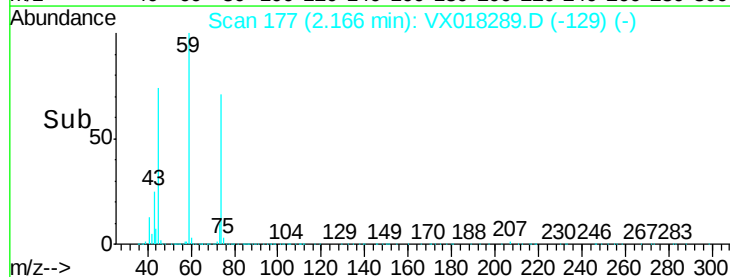
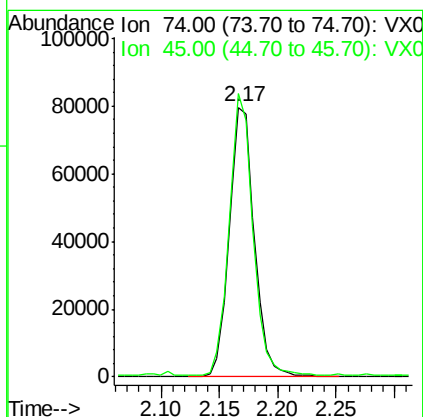
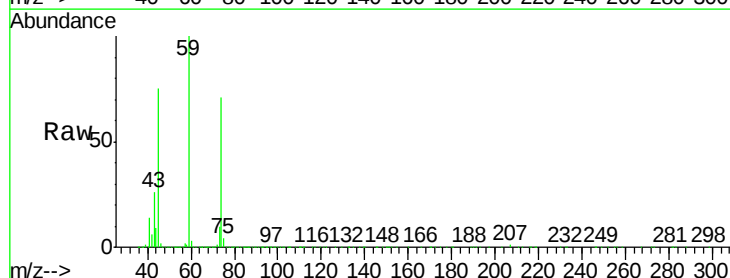
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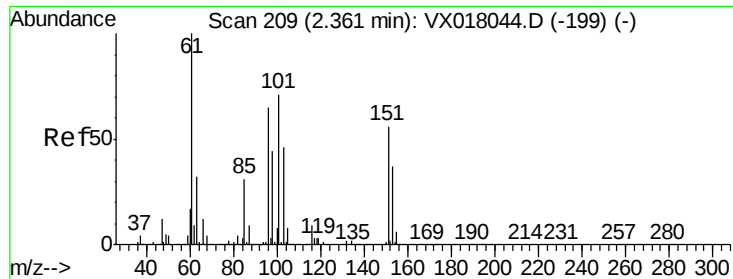


#8

Diethyl Ether
Concen: 45.588 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.879 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

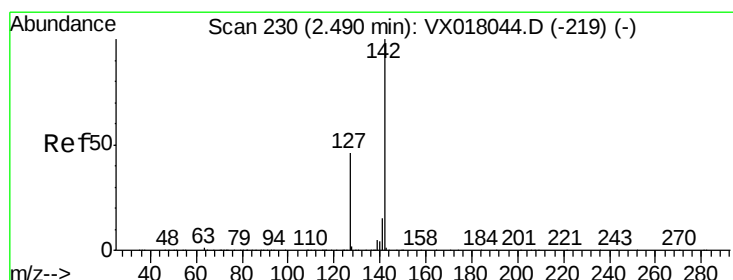
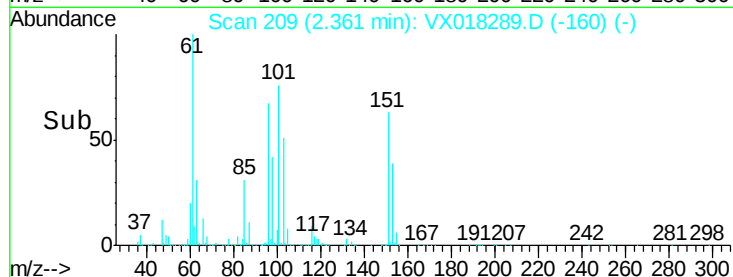
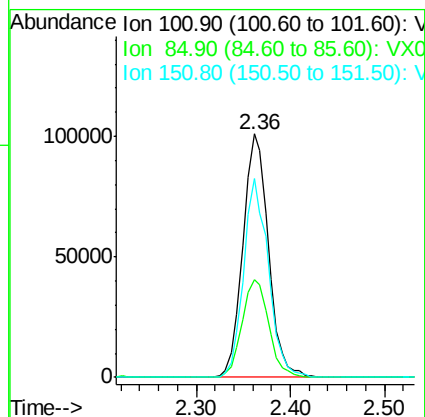
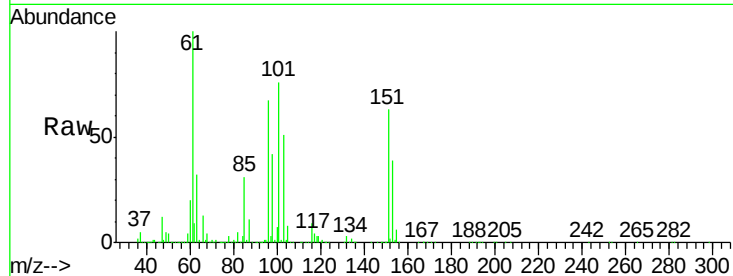
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	191819
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.0	51.0
151	79.6	65.2	97.8

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#10

Methyl Iodide

Concen: 40.804 ug/l

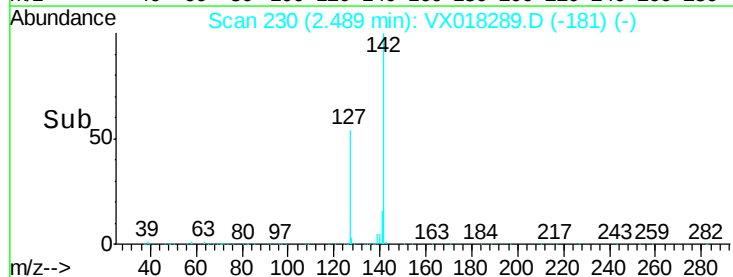
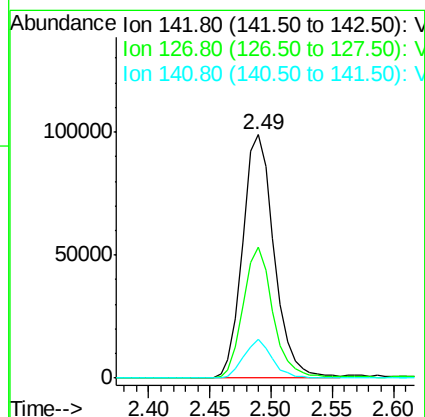
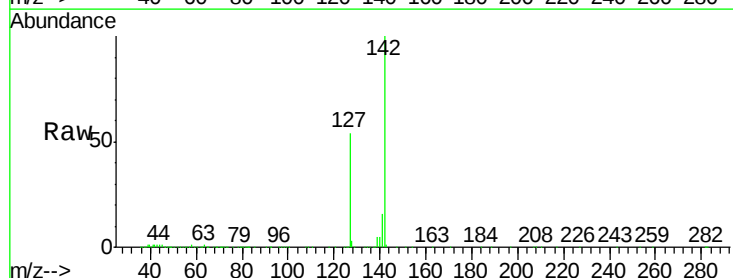
RT: 2.49 min Scan# 230

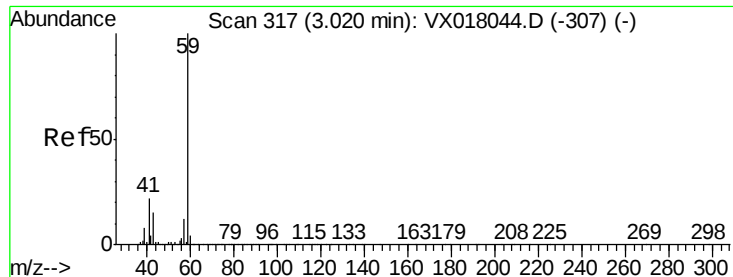
Delta R.T. 0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Tgt Ion:	142	Resp:	177666
Ion Ratio	Lower	Upper	
142	100		
127	51.2	37.0	55.6
141	14.5	11.5	17.3





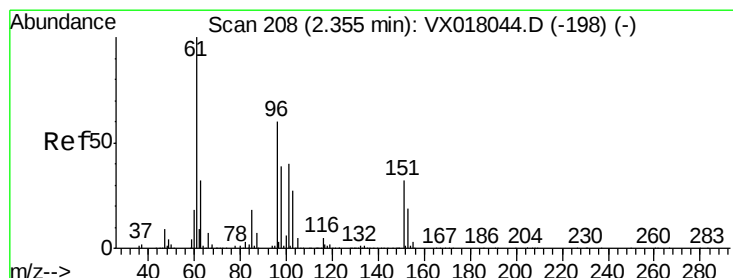
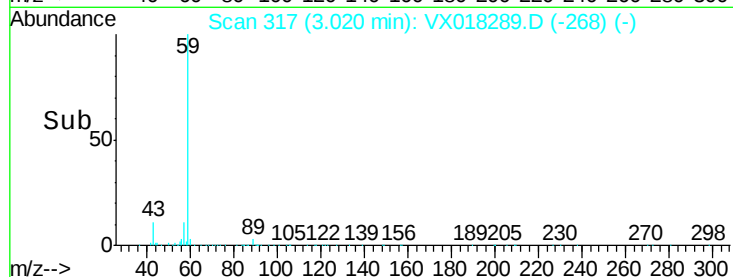
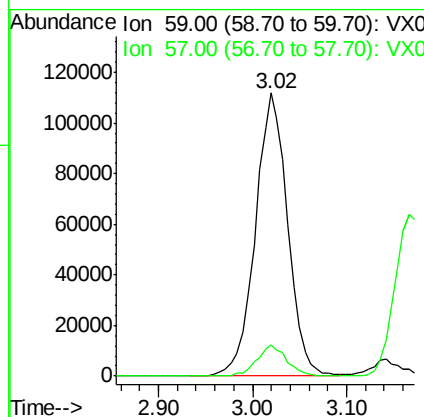
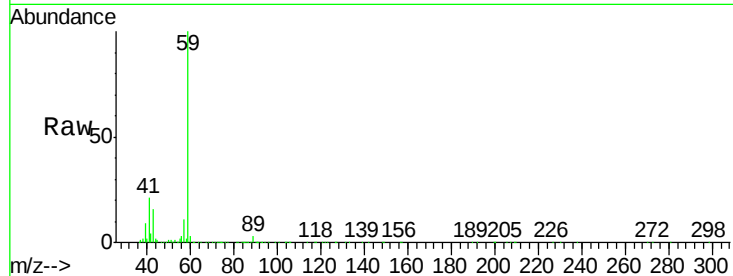
#11
Tert butyl alcohol
Concen: 224.820 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.9	13.3

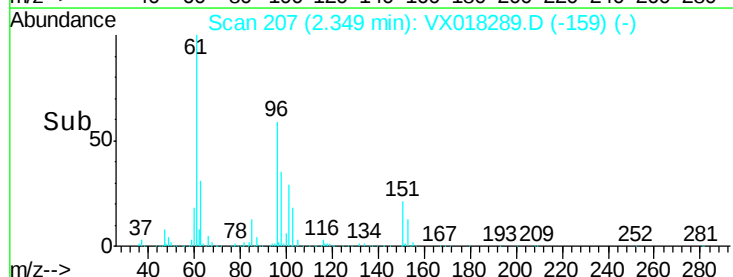
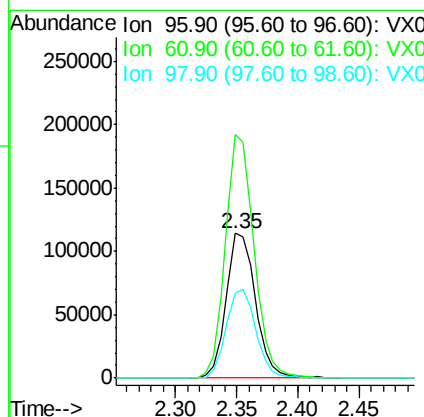
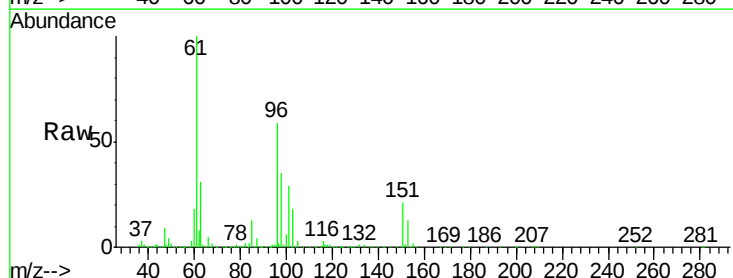
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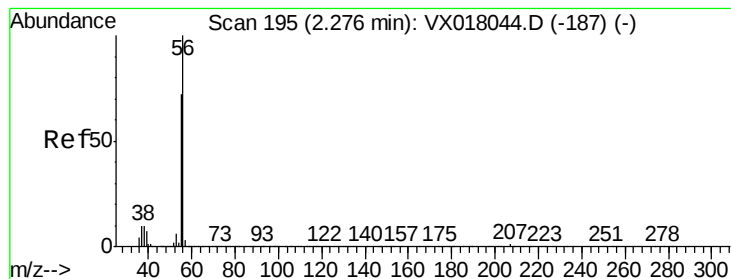
MMDadoda
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#12
1,1-Dichloroethene
Concen: 43.334 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.3	133.0	199.4
98	58.7	51.6	77.4





#13

Acrolein

Concen: 192.850 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 95806

Ion Ratio Lower Upper

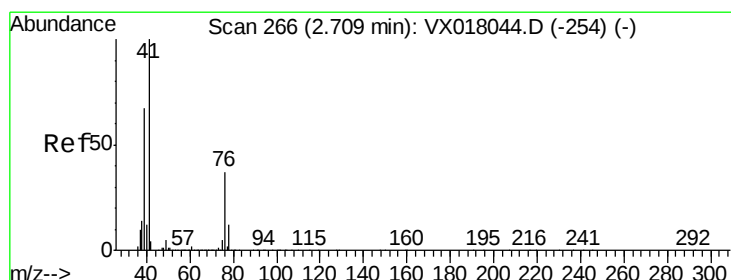
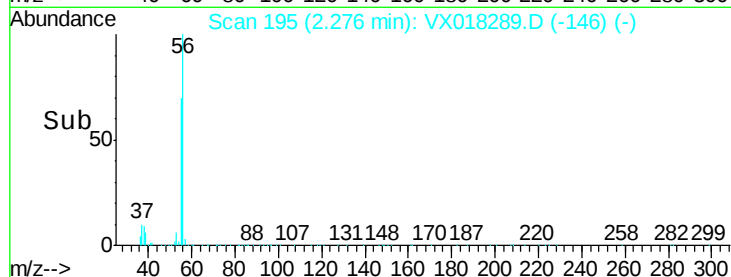
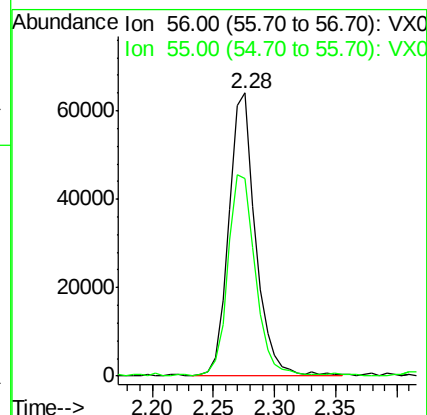
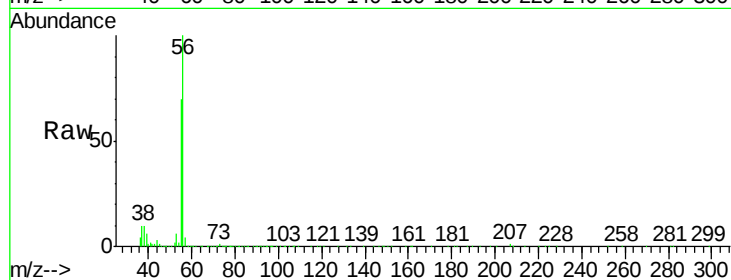
56 100

55 72.6 57.0 85.6

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#14

Allyl chloride

Concen: 43.103 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

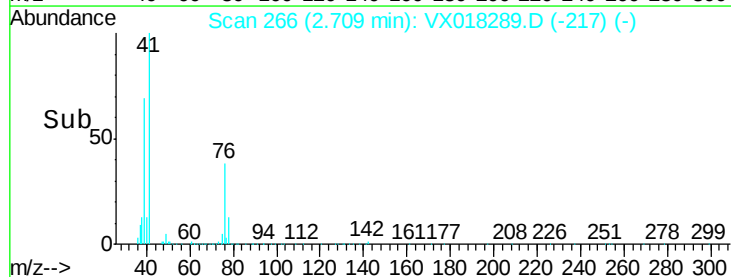
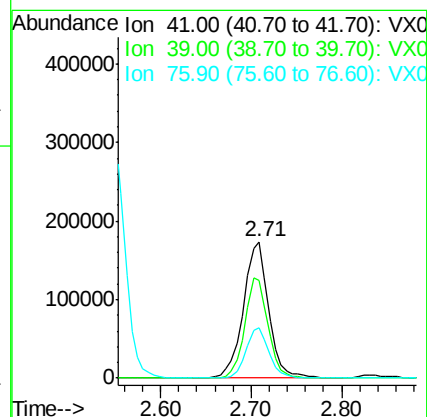
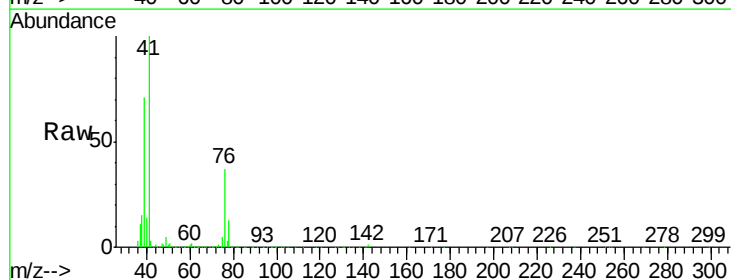
Tgt Ion: 41 Resp: 335909

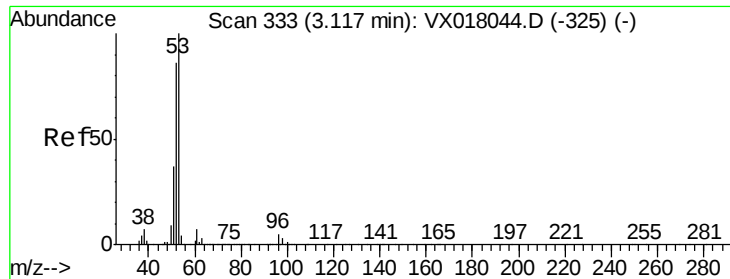
Ion Ratio Lower Upper

41 100

39 67.2 50.6 76.0

76 33.4 26.2 39.2





#15

Acrylonitrile

Concen: 213.662 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

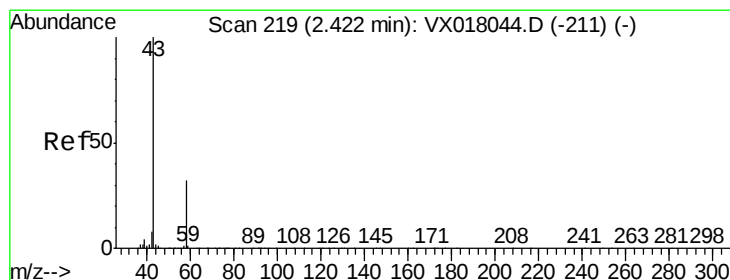
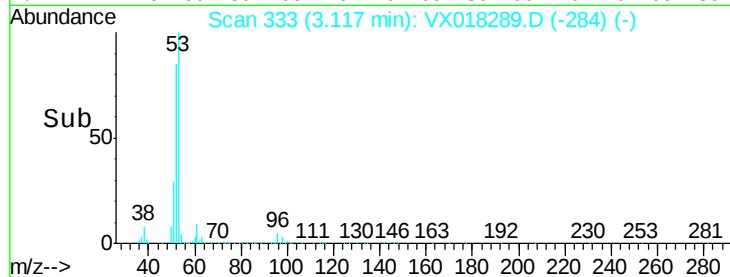
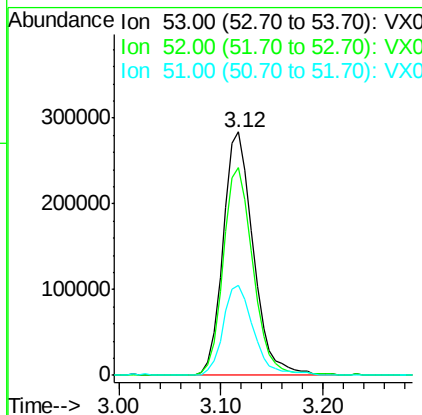
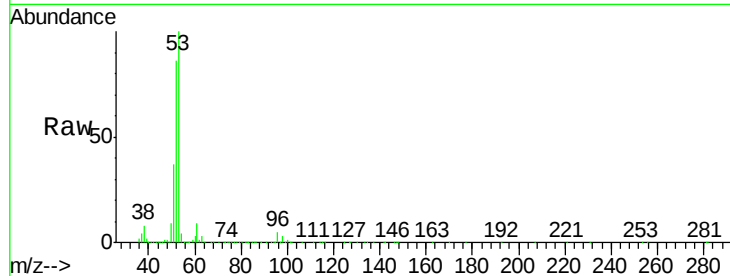
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	580688
Ion Ratio	Lower	Upper	
53	100		
52	84.4	66.9	100.3
51	37.6	28.7	43.1

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#16

Acetone

Concen: 216.860 ug/l

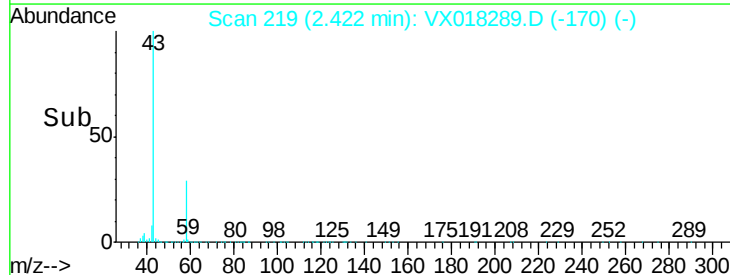
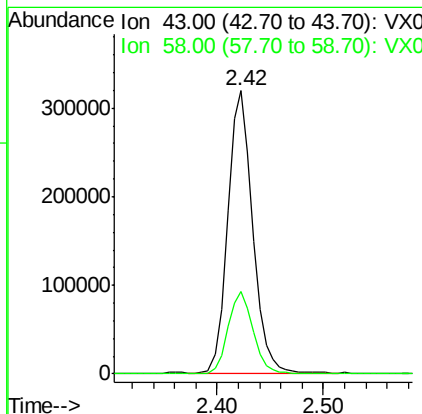
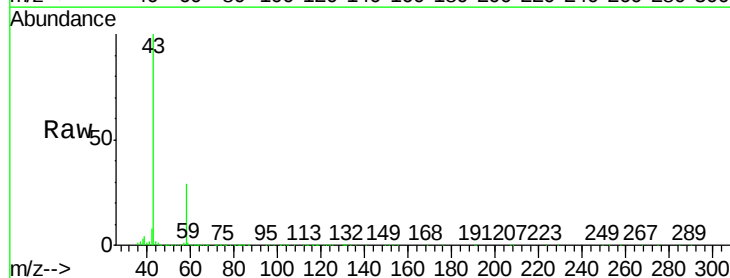
RT: 2.42 min Scan# 219

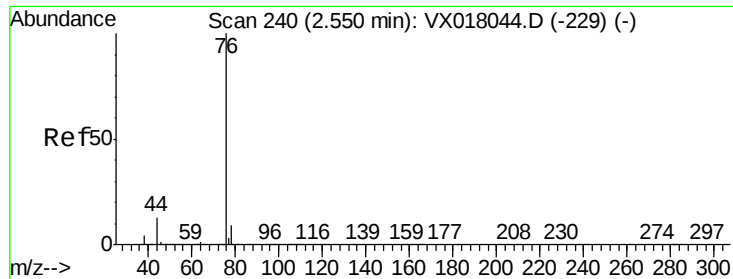
Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Tgt Ion:	43	Resp:	520701
Ion Ratio	Lower	Upper	
43	100		
58	29.1	25.5	38.3





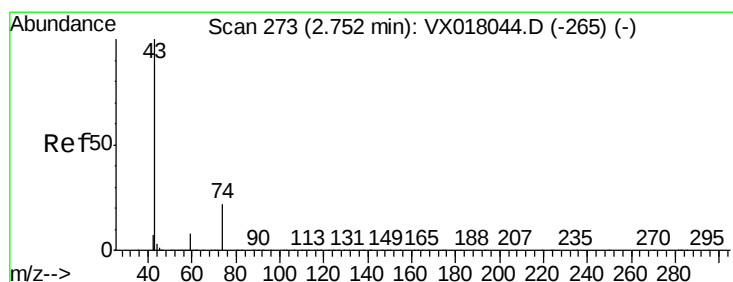
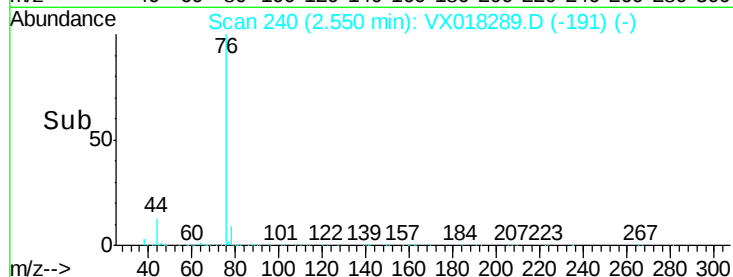
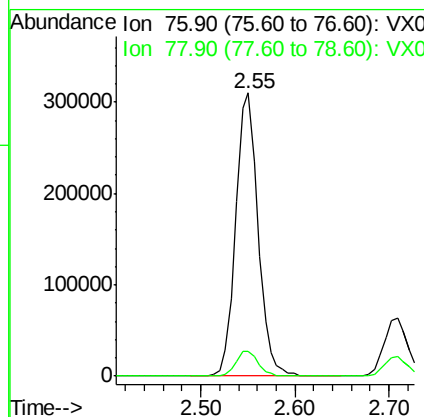
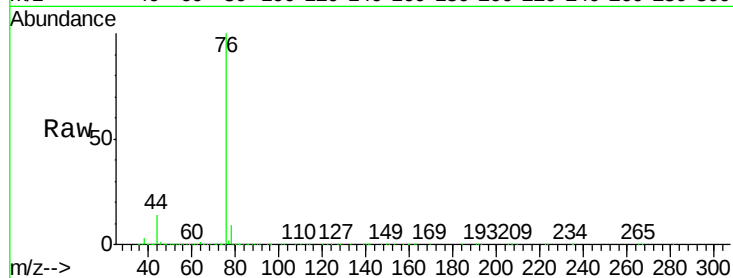
#17
Carbon Disulfide
Concen: 38.958 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

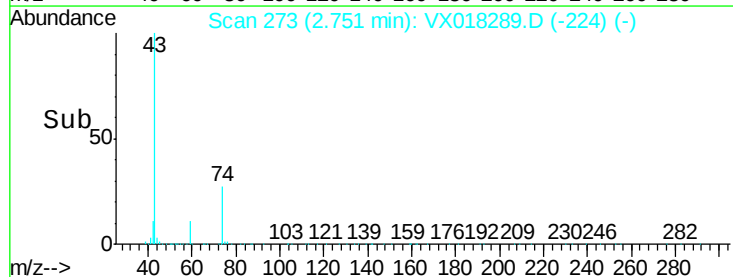
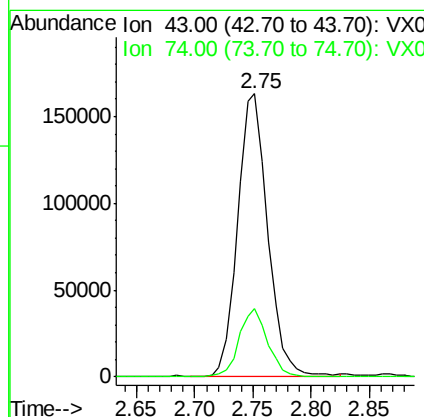
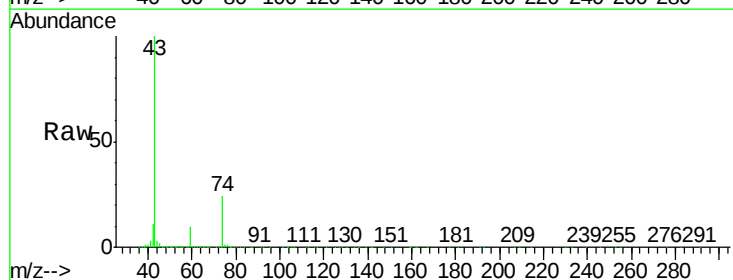
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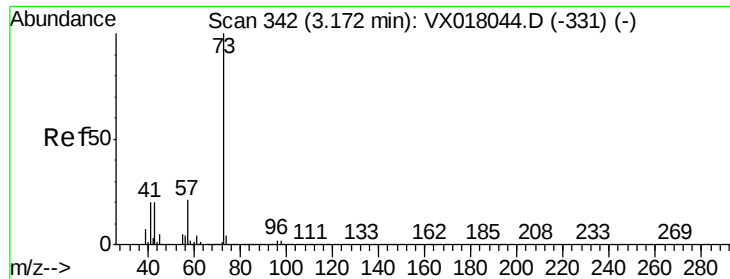
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#18
Methyl Acetate
Concen: 50.351 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.2	27.4





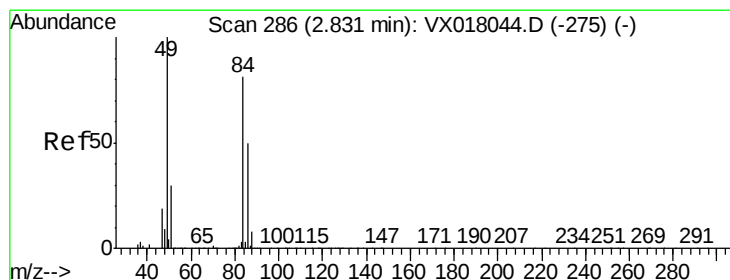
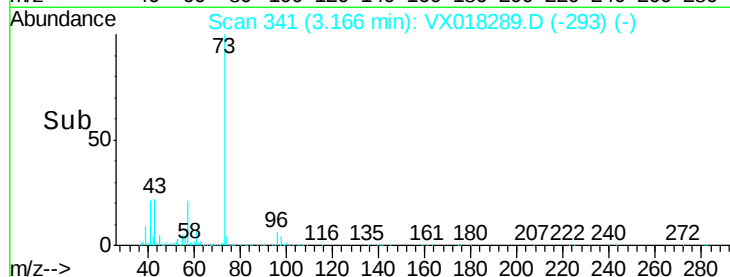
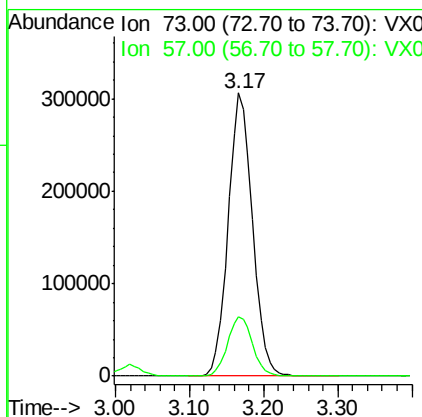
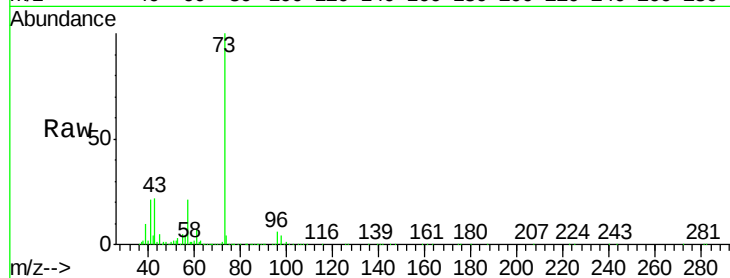
#19
Methyl tert-butyl Ether
Concen: 47.049 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.8	25.2

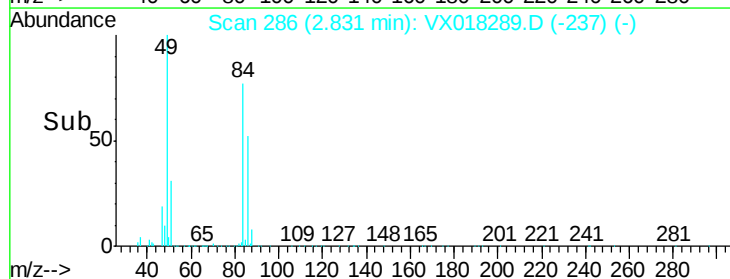
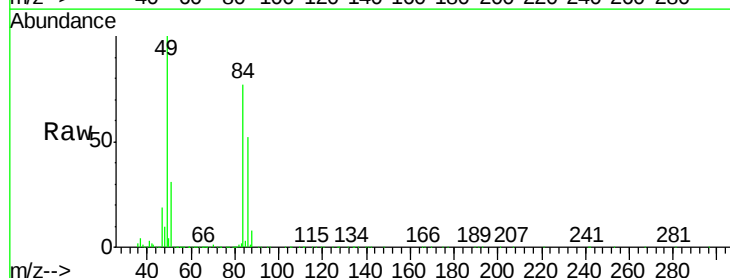
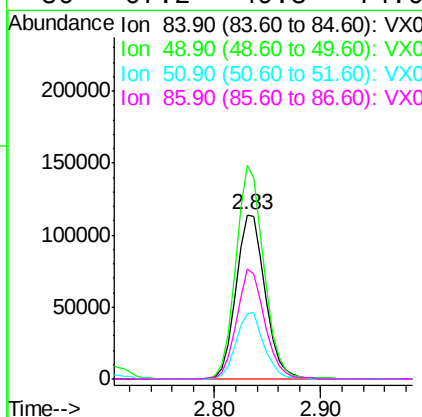
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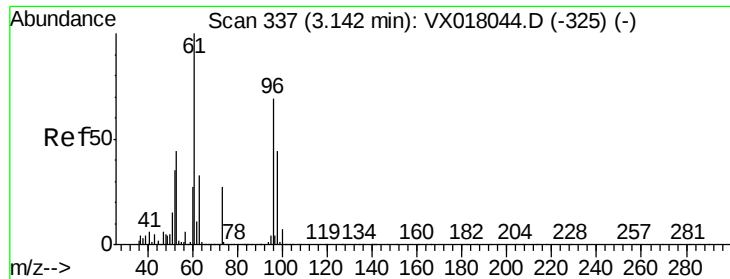
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#20
Methylene Chloride
Concen: 44.468 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.0	98.6	148.0
51	39.9	29.6	44.4
86	67.2	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 42.499 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

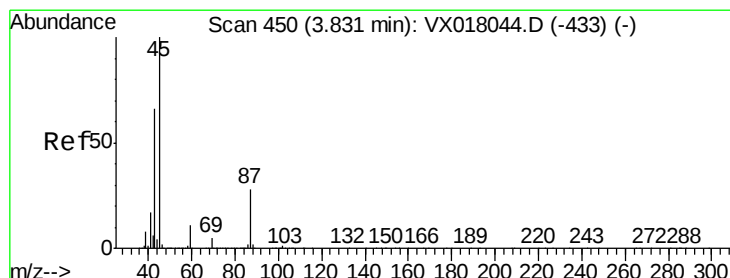
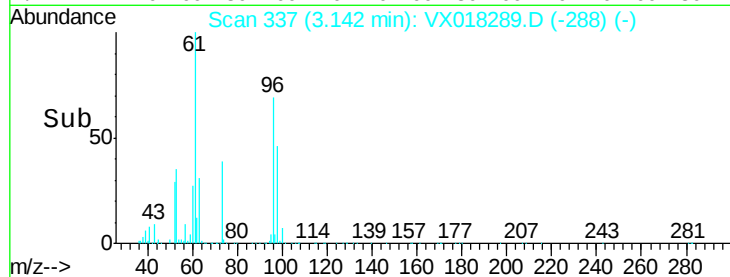
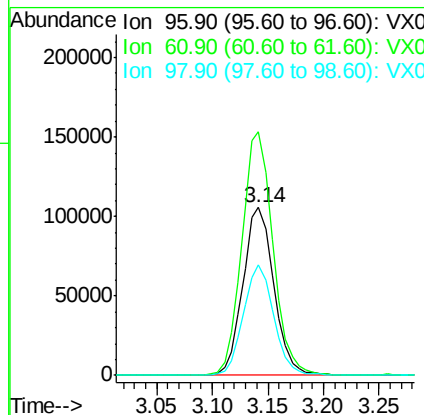
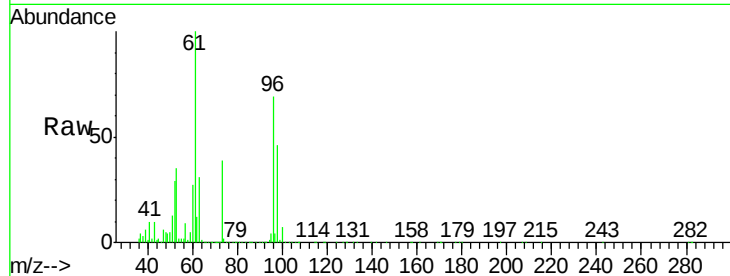
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	204240
Ion	Ratio	Lower	Upper
96	100		
61	145.3	115.4	173.0
98	66.3	51.1	76.7

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#22

Diisopropyl ether

Concen: 44.855 ug/l

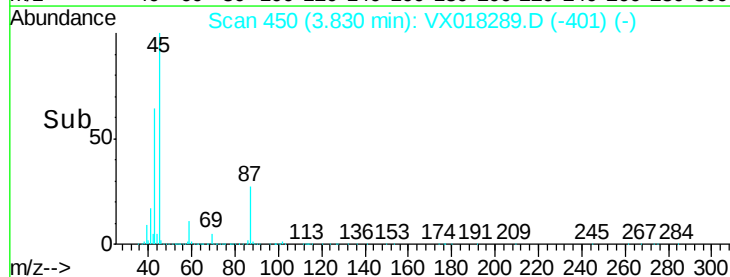
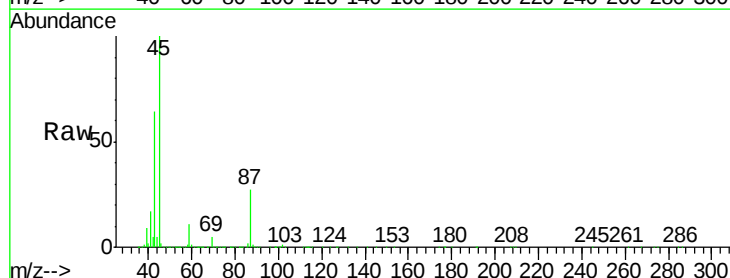
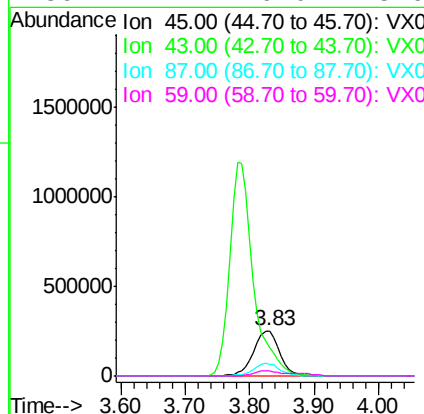
RT: 3.83 min Scan# 450

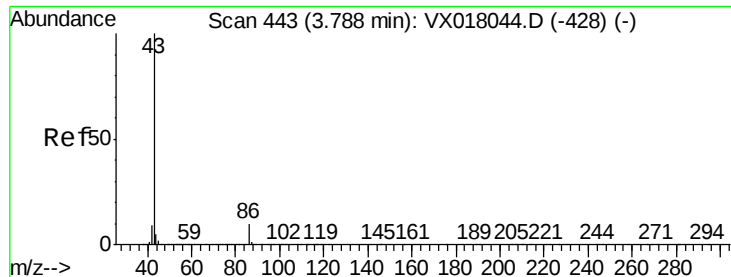
Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Tgt Ion:	45	Resp:	689931
Ion	Ratio	Lower	Upper
45	100		
43	63.6	52.8	79.2
87	26.9	22.5	33.7
59	11.2	9.0	13.6





#23

Vinyl Acetate

Concen: 225.077 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 3080516

Ion Ratio Lower Upper

43 100

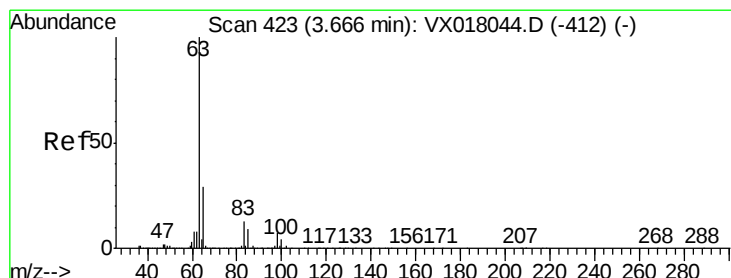
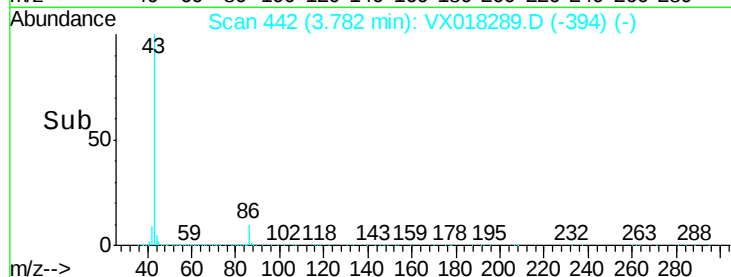
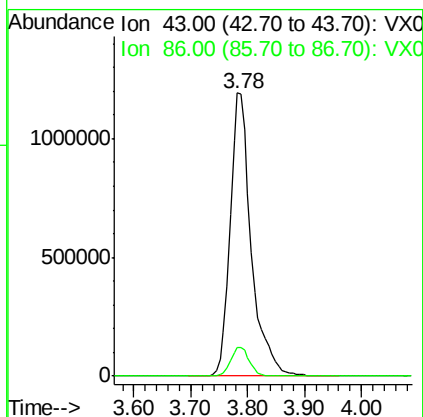
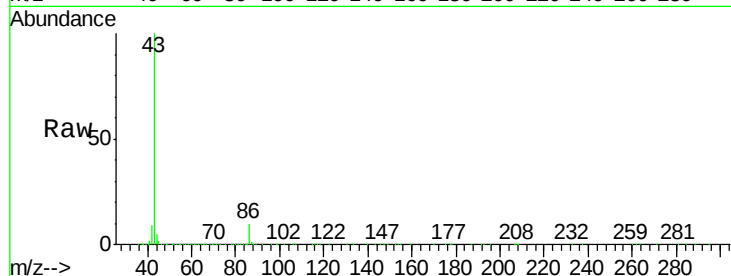
86 10.2 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 44.840 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

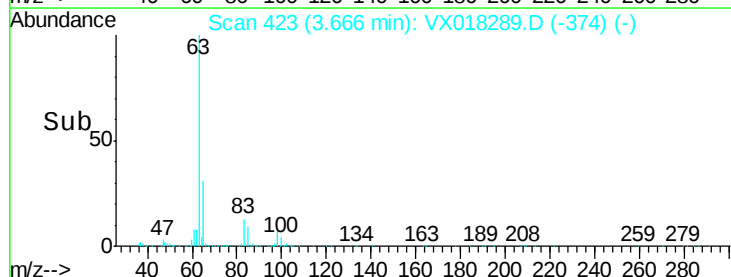
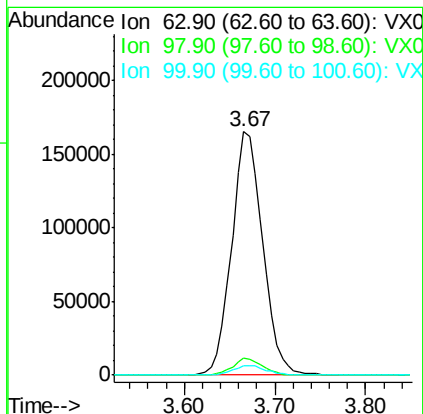
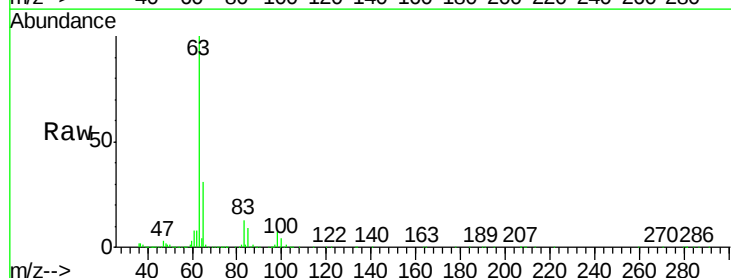
Tgt Ion: 63 Resp: 392609

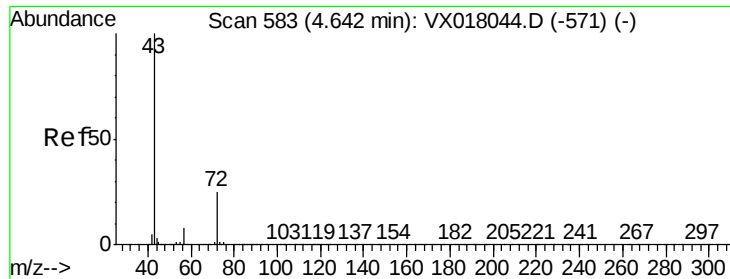
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 210.293 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Tgt Ion: 43 Resp: 829836

Ion Ratio Lower Upper

43 100

72 25.3 19.8 29.6

Instrument :

MSVOA_X

ClientSampleId :

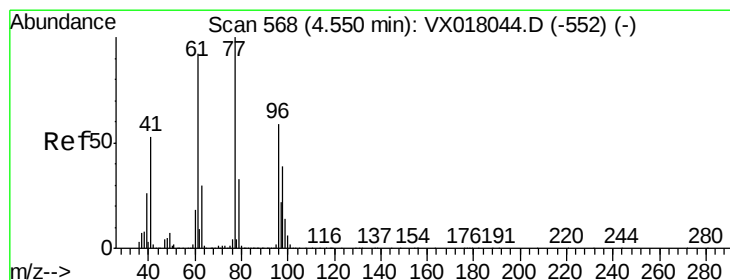
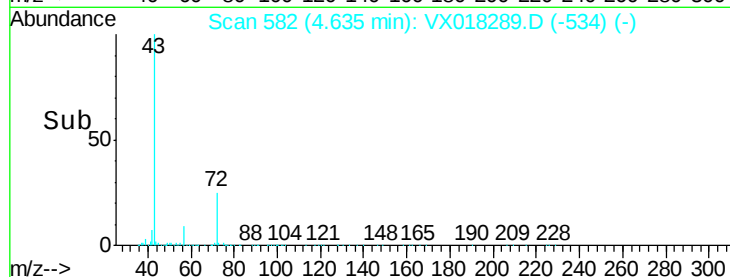
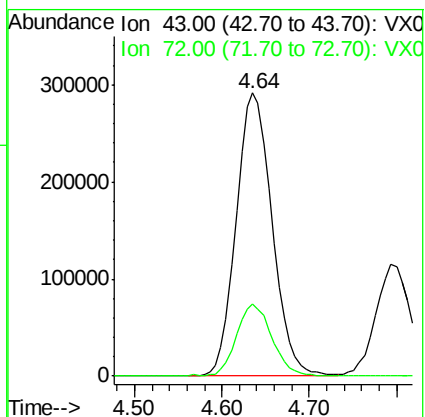
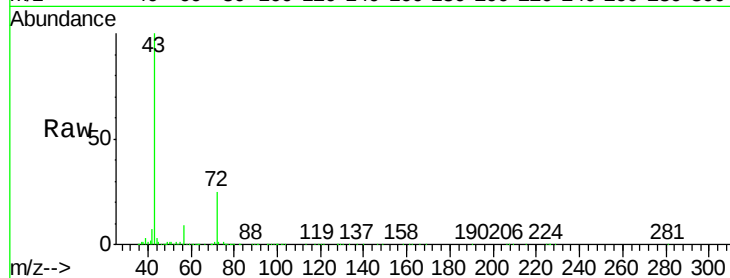
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 43.001 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018289.D

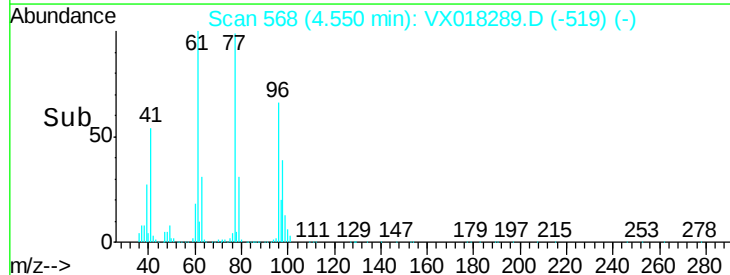
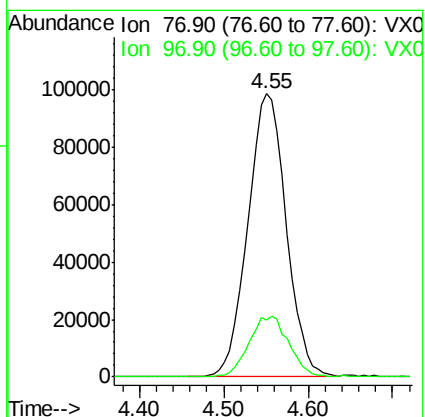
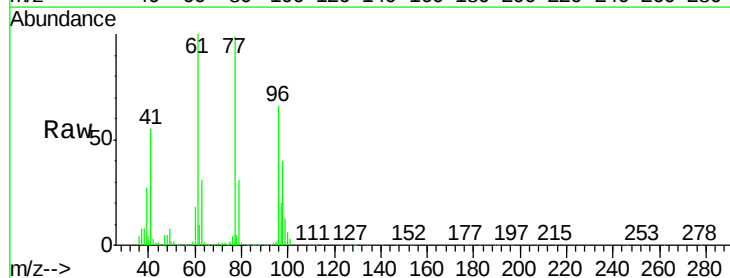
Acq: 08 Sep 2020 20:35

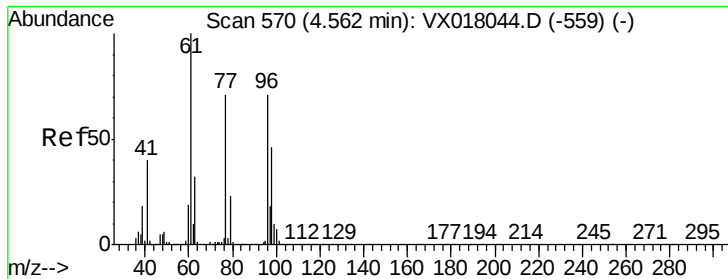
Tgt Ion: 77 Resp: 306342

Ion Ratio Lower Upper

77 100

97 21.9 11.5 34.5





#27

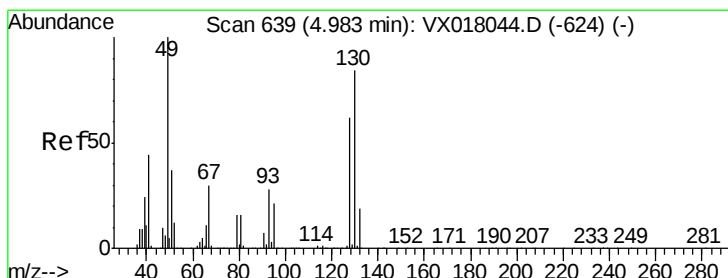
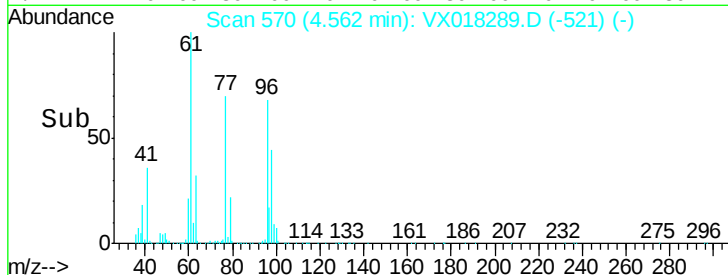
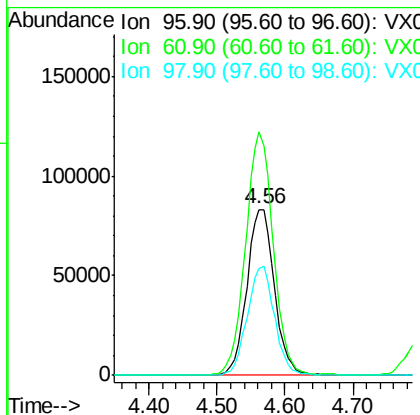
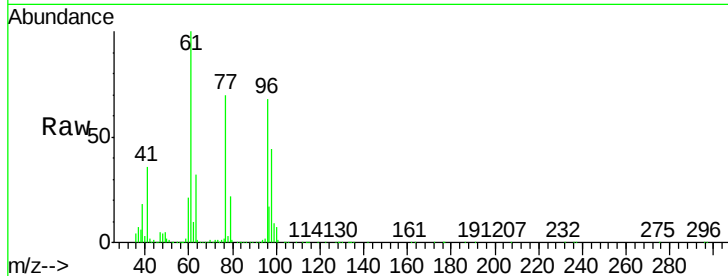
cis-1,2-Dichloroethene
Concen: 42.435 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	234965		
61	146.8	0.0	296.6	
98	65.2	0.0	130.2	

Manual Integrations
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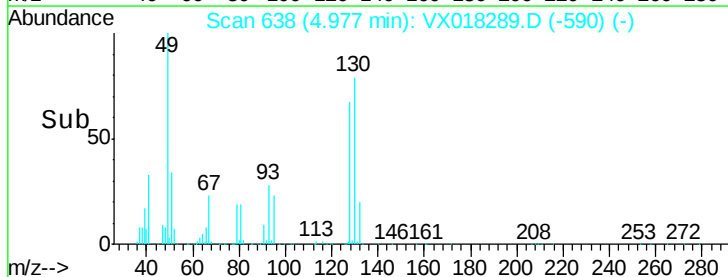
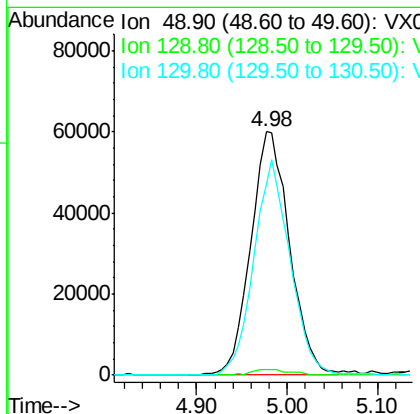
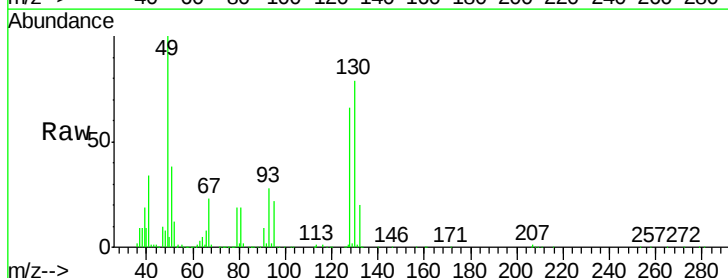
MMDadoda
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#28

Bromochloromethane
Concen: 41.625 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	175924		
129	2.4	0.0	4.6	
130	83.7	64.6	96.8	





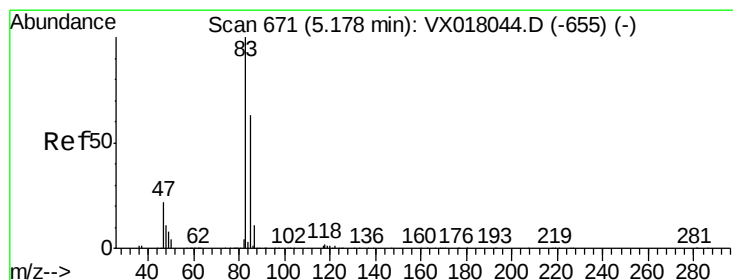
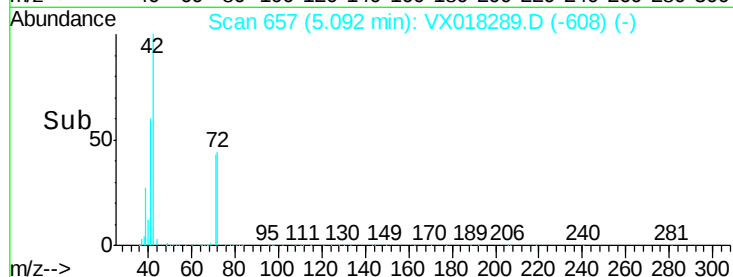
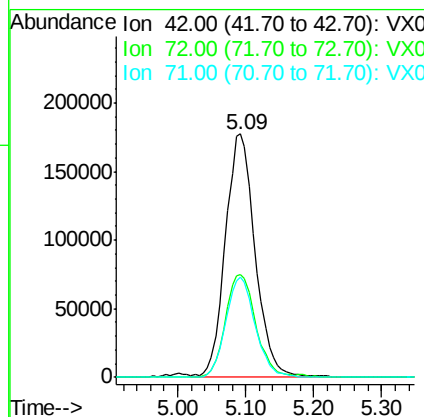
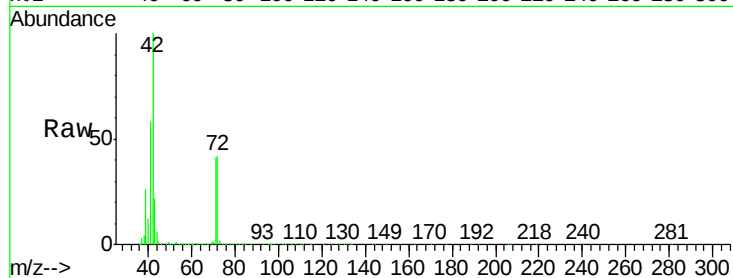
#29
Tetrahydrofuran
Concen: 212.414 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.2	51.4
71	40.7	32.1	48.1

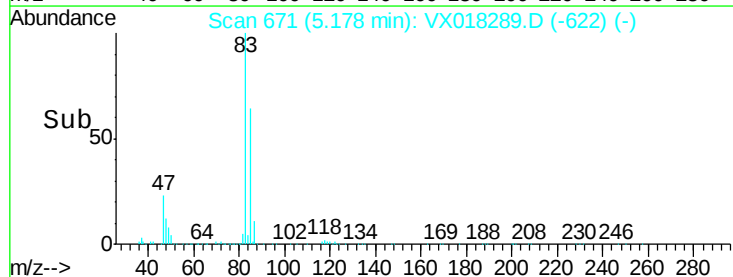
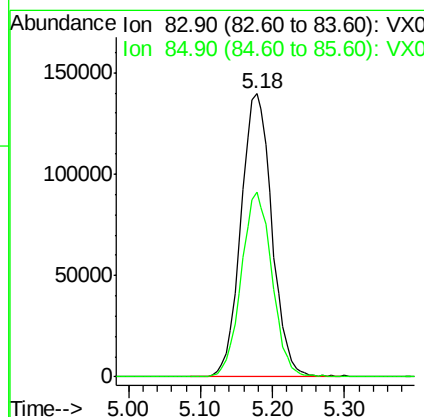
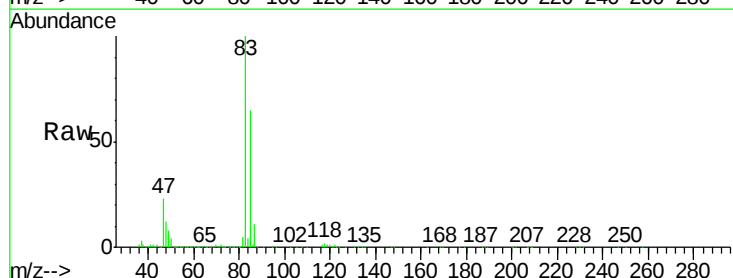
Manual Integrations
APPROVED

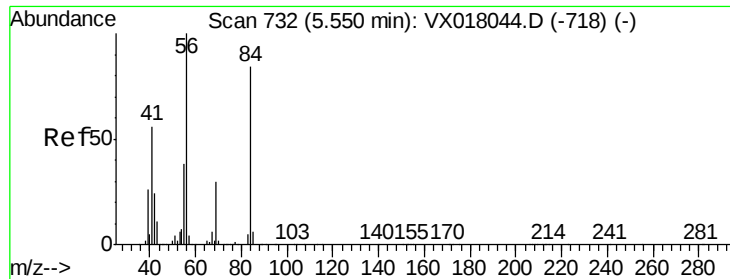
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#30
Chloroform
Concen: 45.939 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.7	76.1





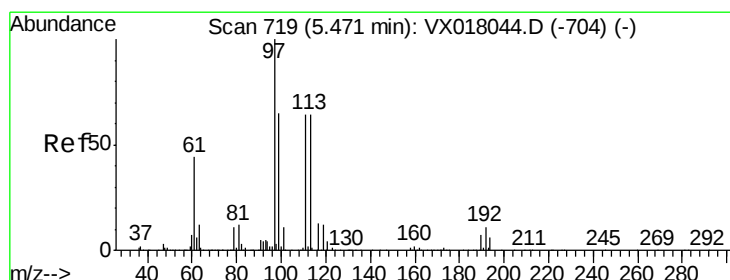
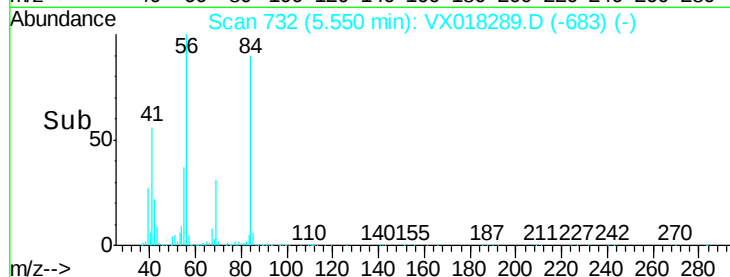
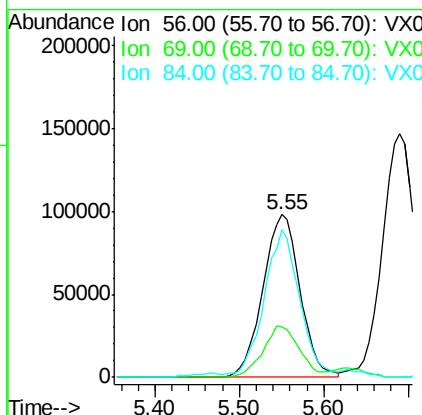
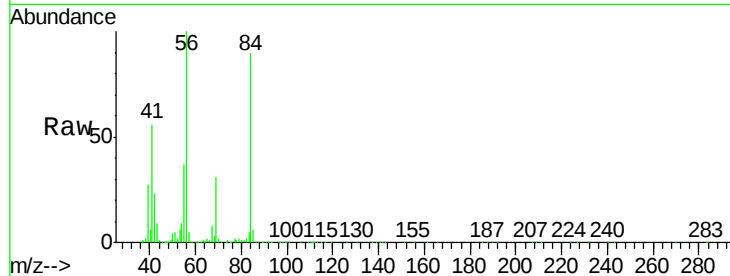
#31
Cyclohexane
Concen: 40.600 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.9	35.9
84	89.6	67.0	100.4

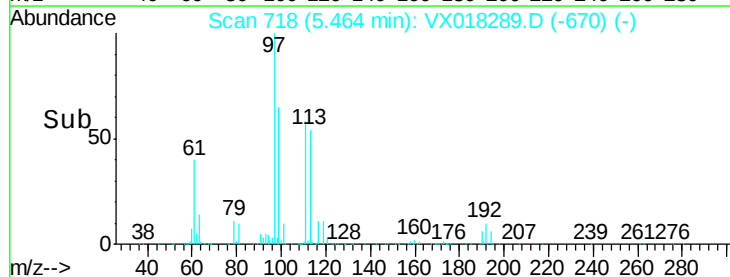
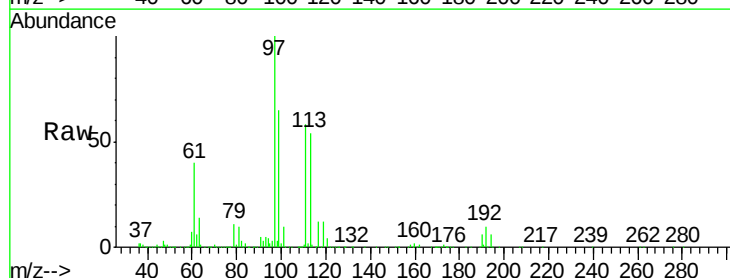
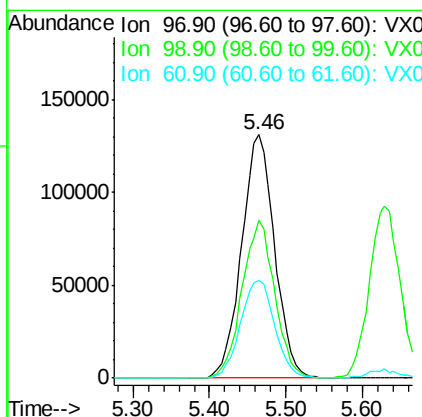
Manual Integrations
APPROVED

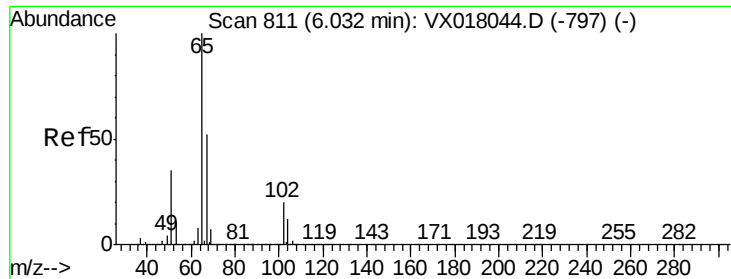
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#32
1,1,1-Trichloroethane
Concen: 47.245 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.0
61	41.3	34.2	51.4





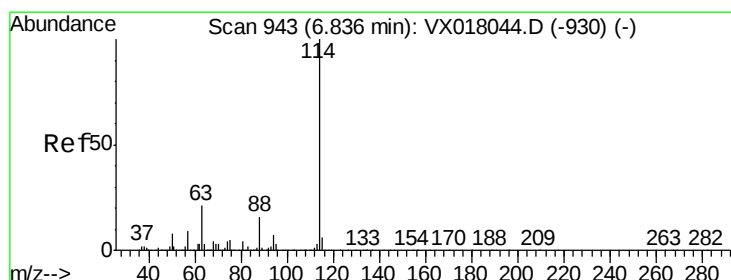
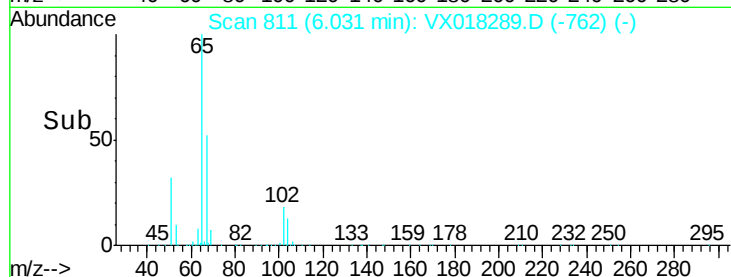
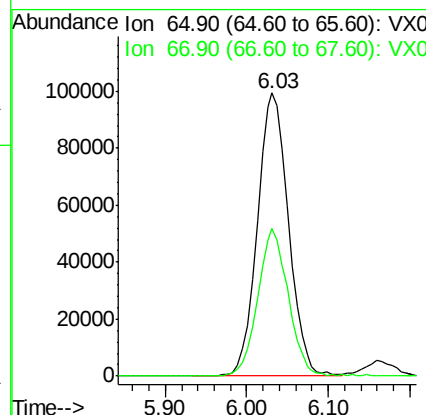
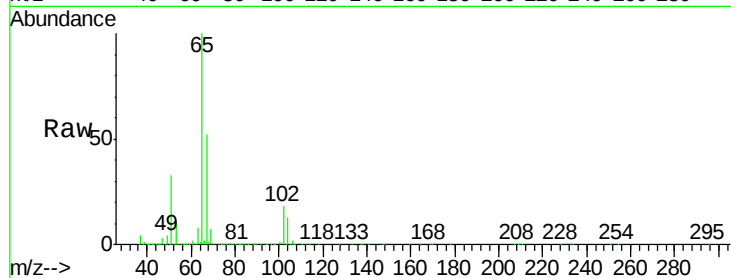
#33
 1,2-Dichloroethane-d4
 Concen: 42.922 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	105.8

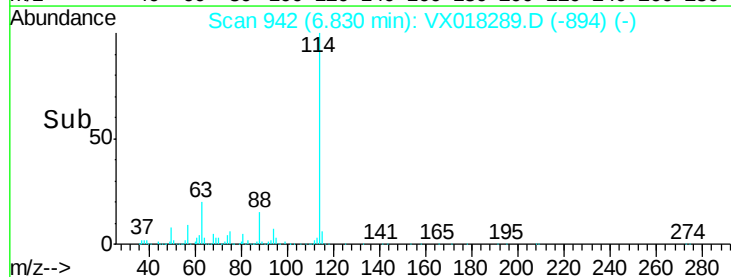
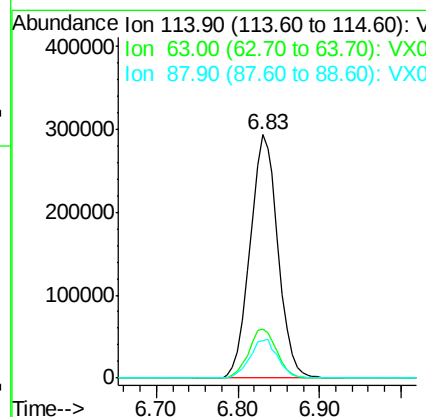
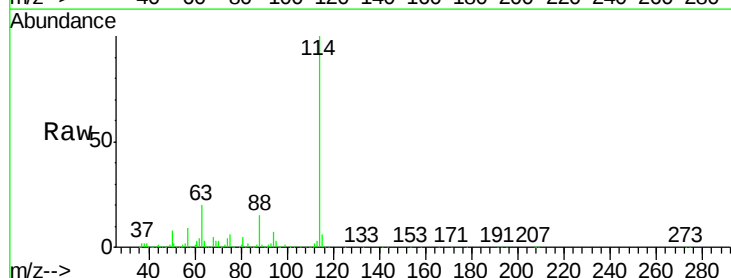
Manual Integrations
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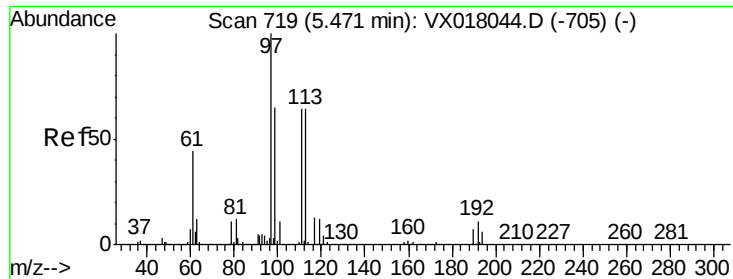
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.6
88	15.4	0.0	31.8





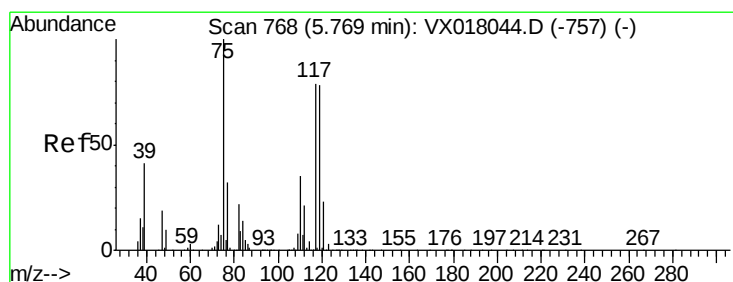
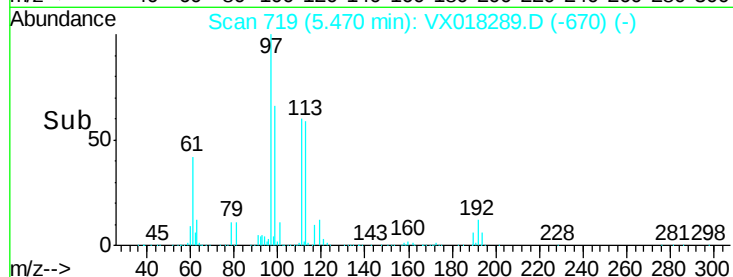
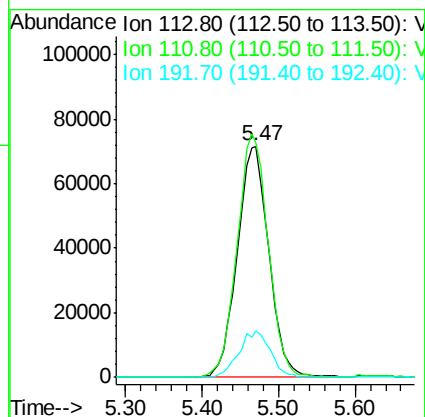
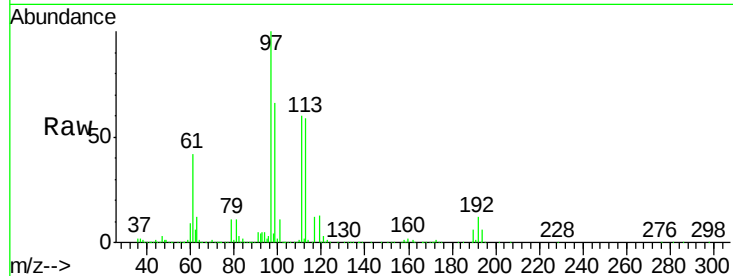
#35
Dibromofluoromethane
Concen: 43.075 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	204317		
111	104.4	81.6	122.4	
192	20.1	15.8	23.8	

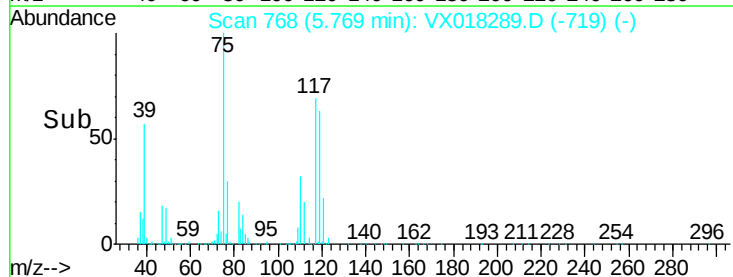
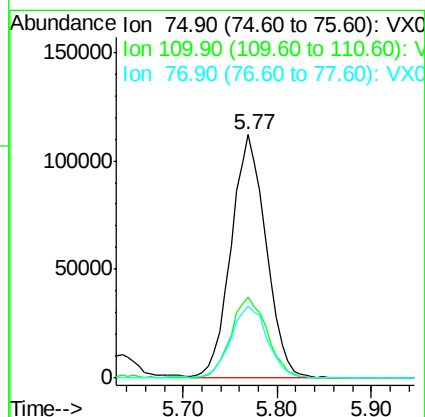
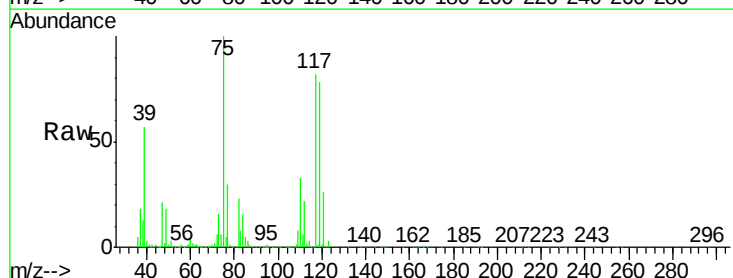
Manual Integrations
APPROVED

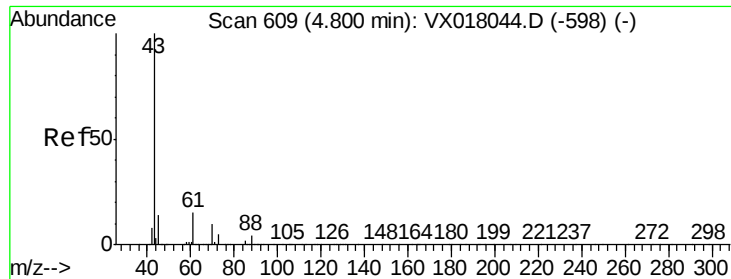
MMDadoda
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#36
1,1-Dichloropropene
Concen: 44.807 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	287830		
110	35.1	18.0	54.0	
77	31.3	24.4	36.6	





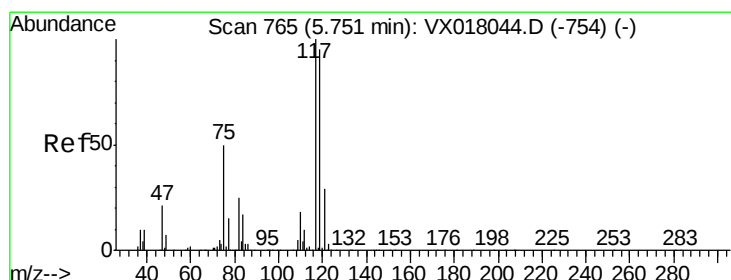
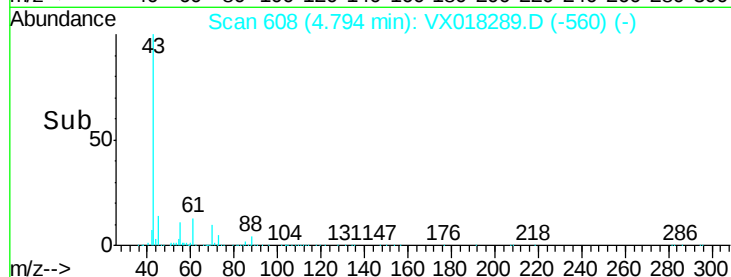
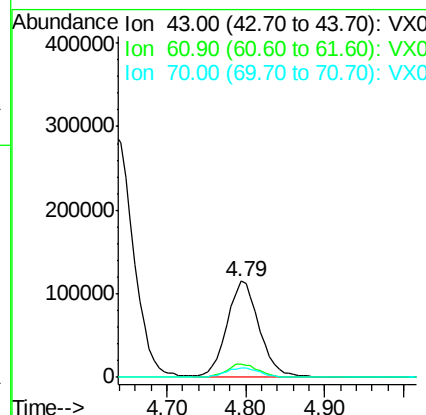
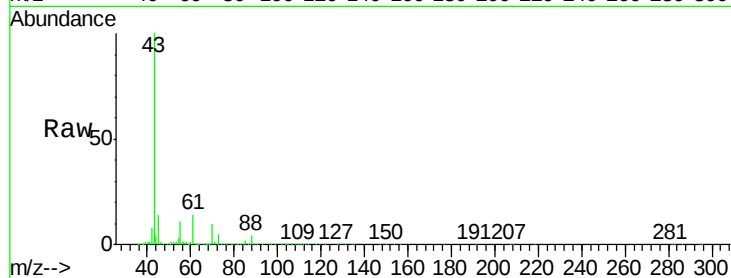
#37
Ethyl Acetate
Concen: 43.666 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	10.4	8.2	12.4

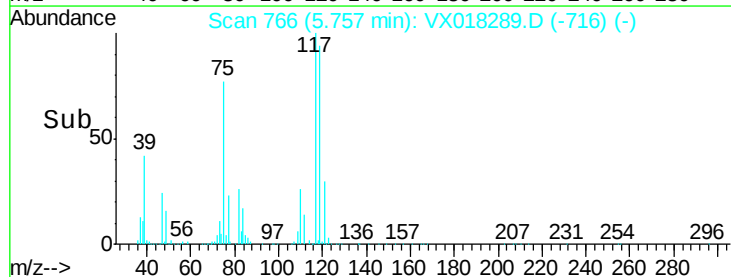
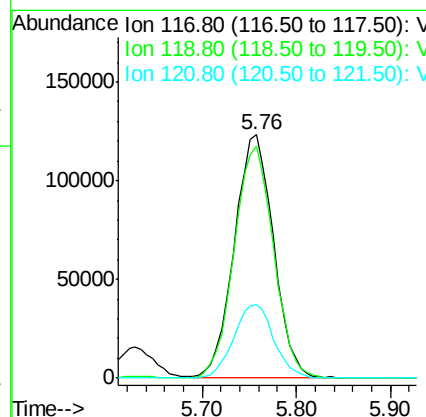
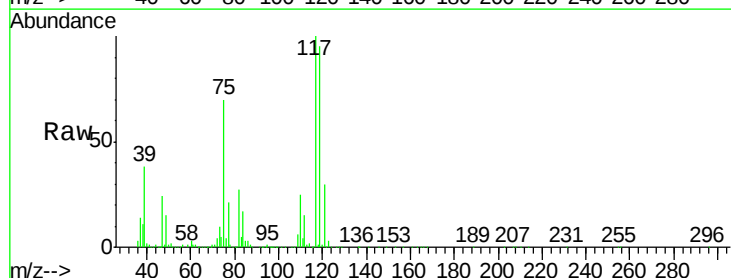
Manual Integrations
APPROVED

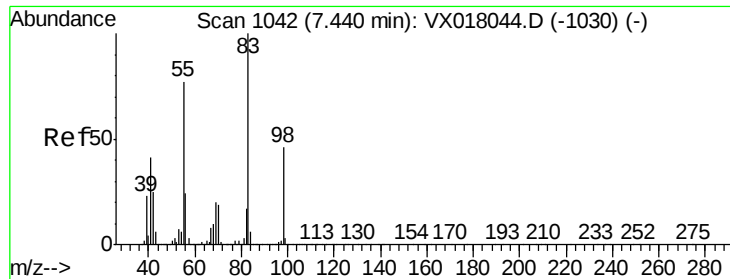
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#38
Carbon Tetrachloride
Concen: 49.416 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.6
121	29.9	23.4	35.0





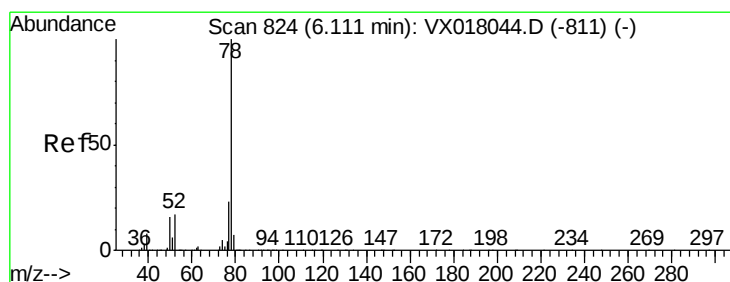
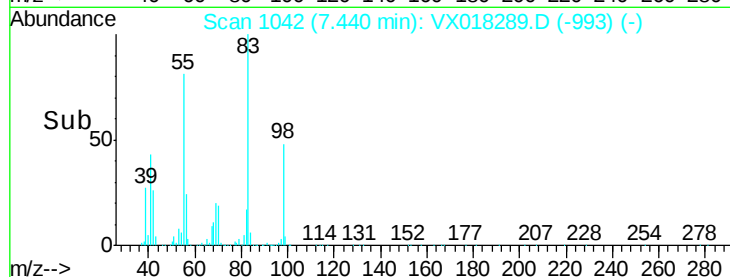
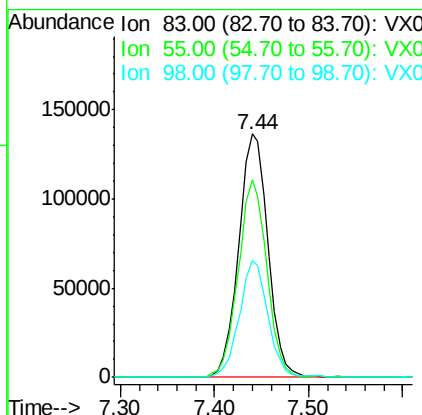
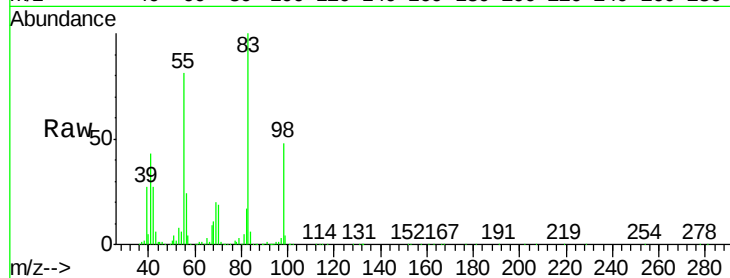
#39
Methylcyclohexane
Concen: 42.211 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	296499		
55	81.0	61.8	92.6	
98	48.1	36.6	55.0	

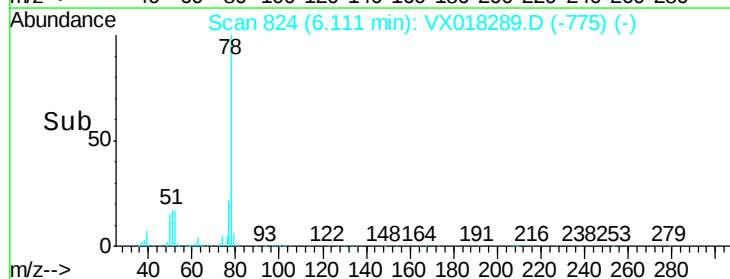
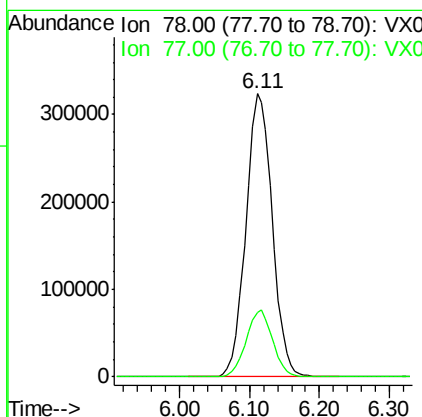
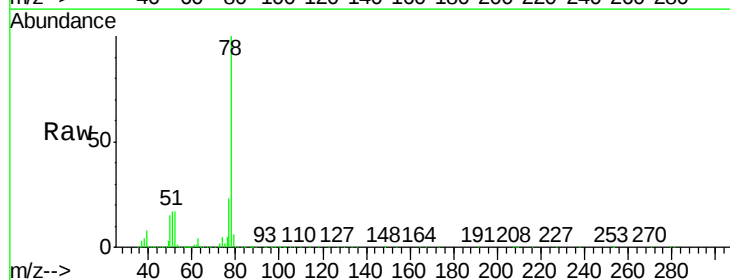
Manual Integrations
APPROVED

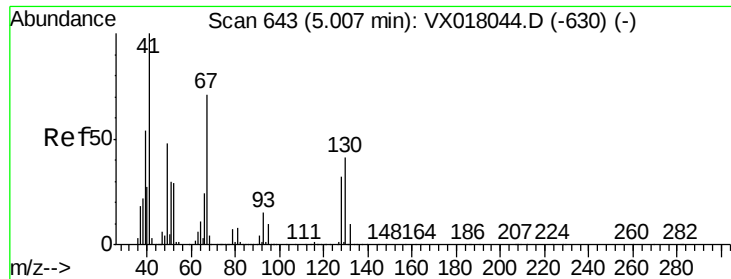
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#40
Benzene
Concen: 44.844 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	846452		
77	22.9	18.2	27.2	





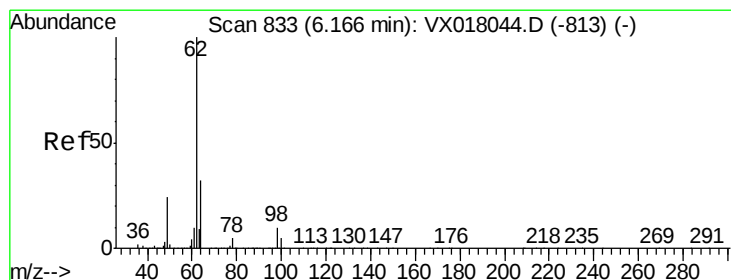
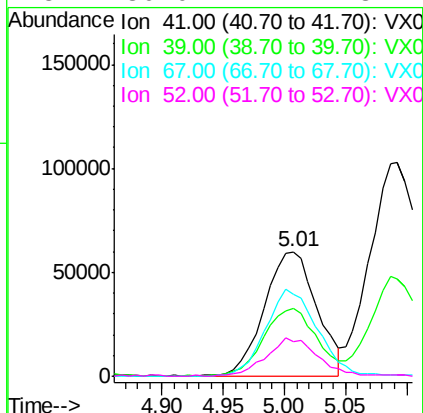
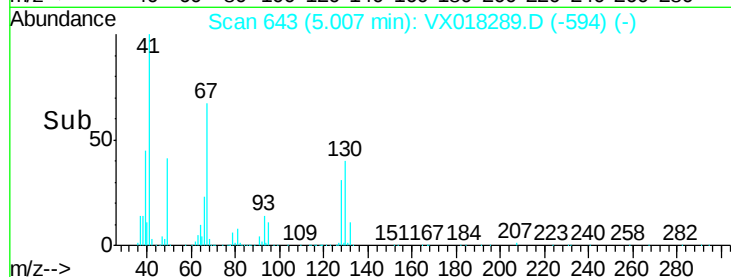
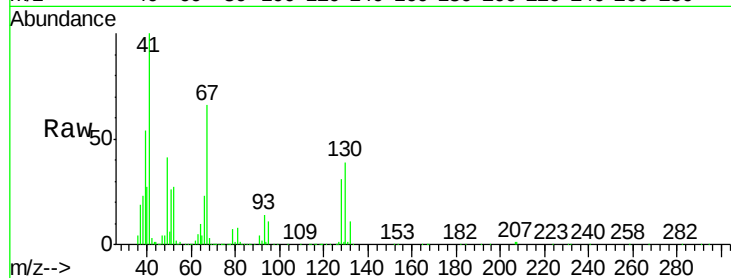
#41
Methacrylonitrile
Concen: 43.313 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.5	43.1	64.7
67	70.2	56.0	84.0
52	30.0	22.7	34.1

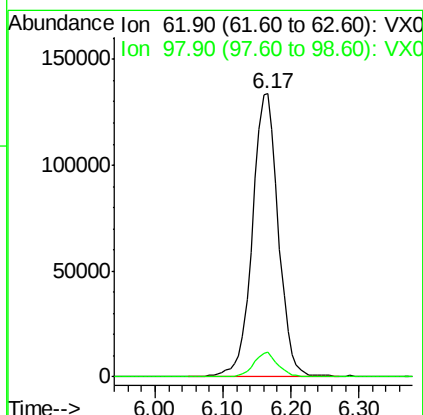
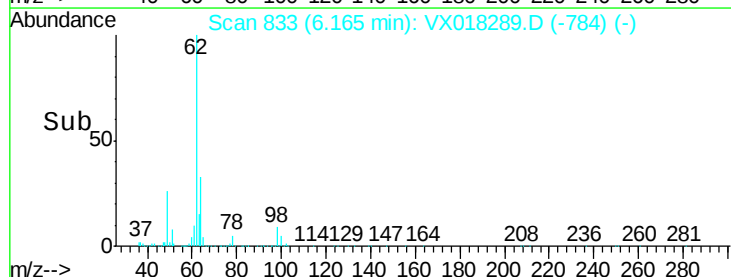
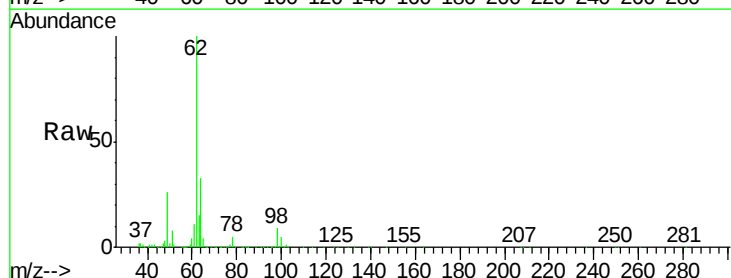
Manual Integrations
APPROVED

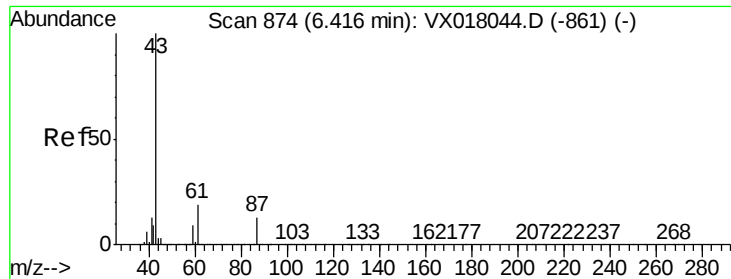
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.406 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	18.2





#43

Isopropyl Acetate

Concen: 43.730 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

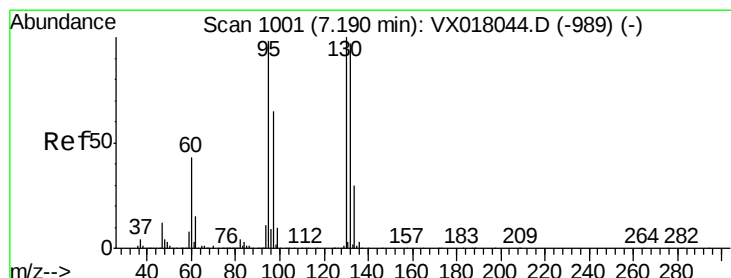
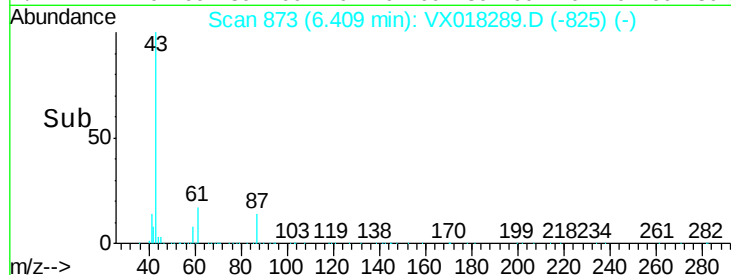
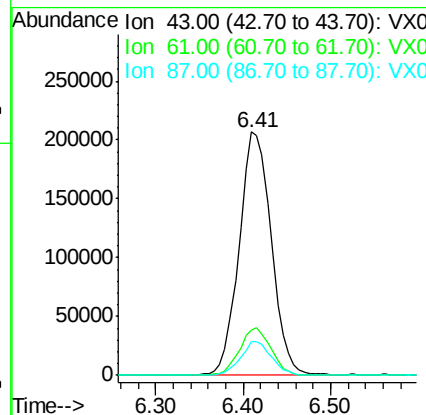
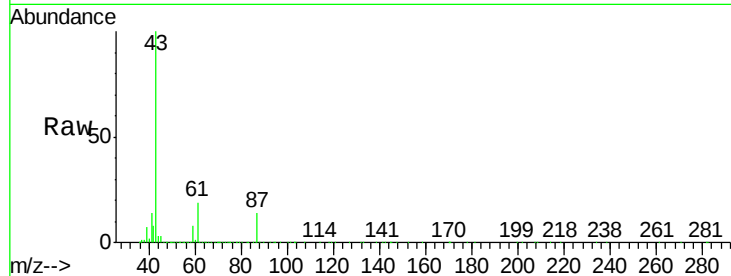
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	526977
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.7	23.5
87	13.3	10.3	15.5

Manual Integrations
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#44

Trichloroethene

Concen: 44.621 ug/l

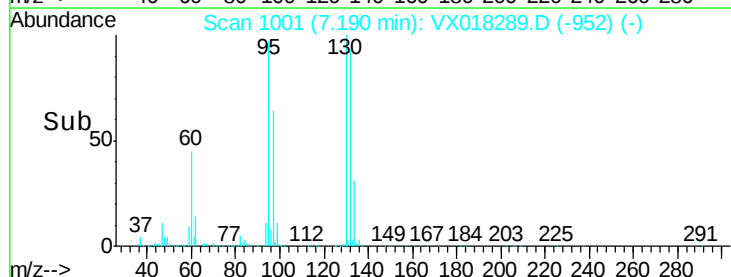
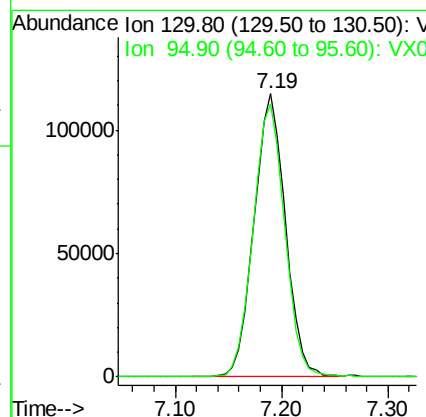
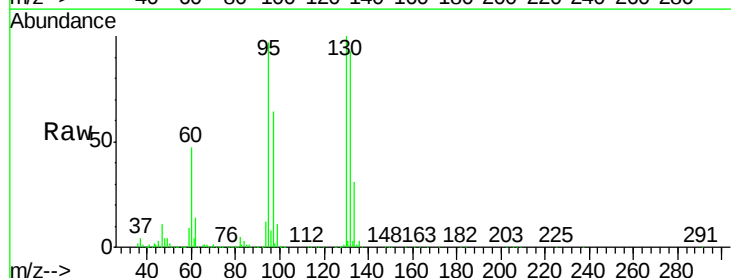
RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Tgt Ion:	130	Resp:	237983
Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	196.4





#45

1,2-Dichloropropane

Concen: 44.763 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 227726

Ion Ratio Lower Upper

63 100

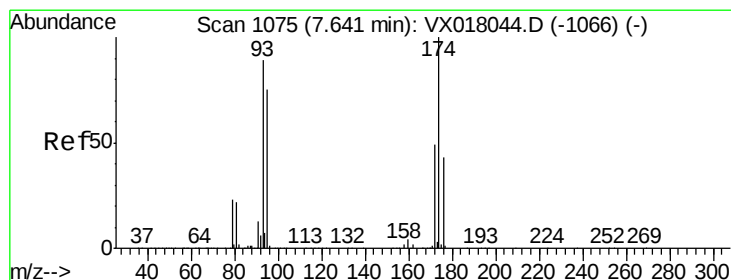
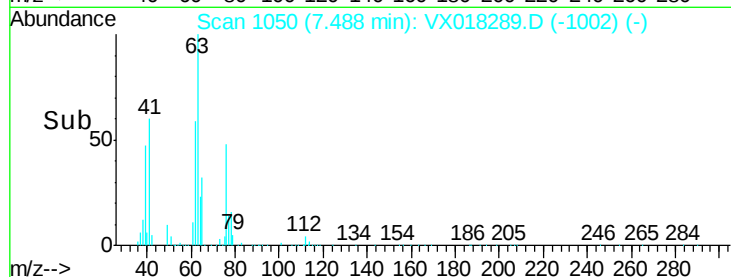
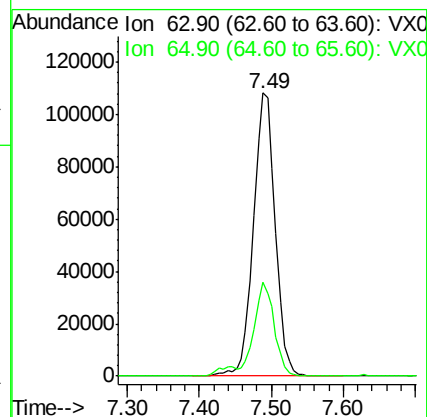
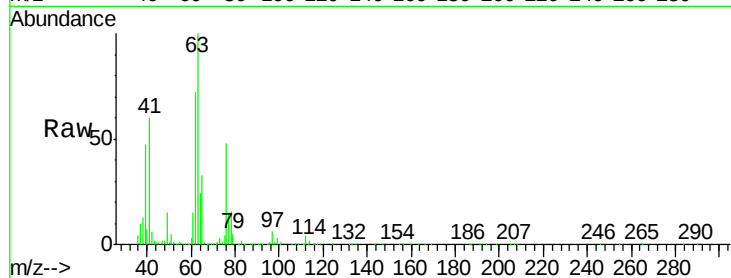
65 32.9 25.7 38.5

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#46

Dibromomethane

Concen: 46.083 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

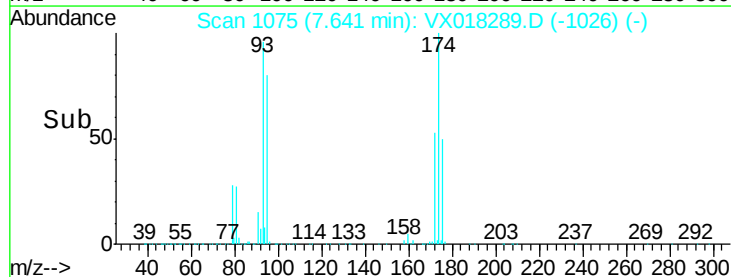
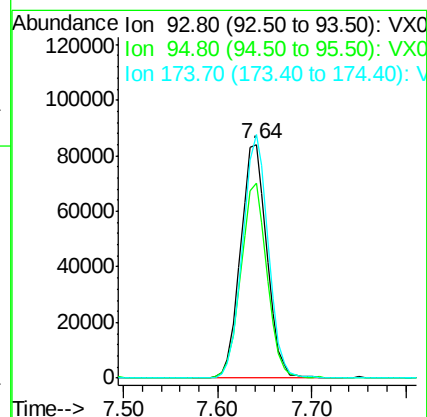
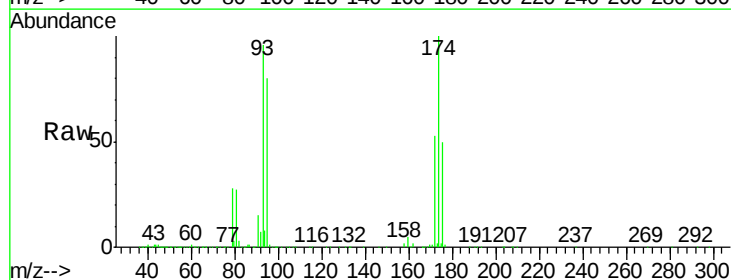
Tgt Ion: 93 Resp: 164862

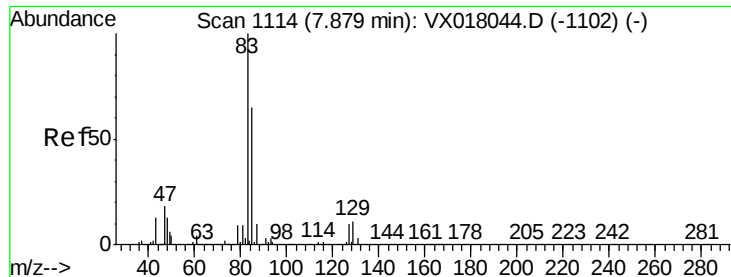
Ion Ratio Lower Upper

93 100

95 81.8 67.3 100.9

174 101.1 82.2 123.2





#47

Bromodichloromethane

Concen: 48.138 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

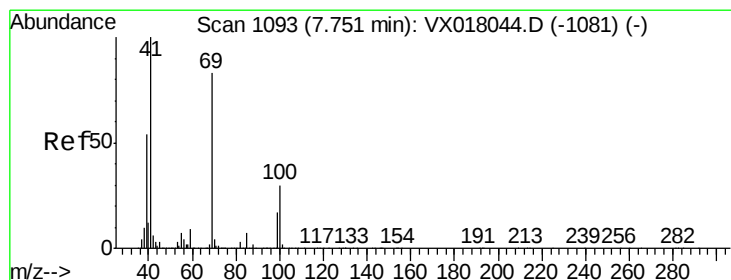
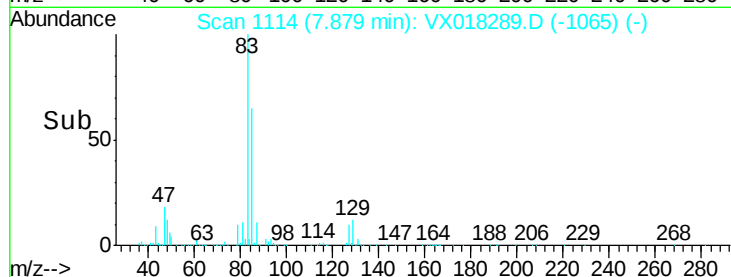
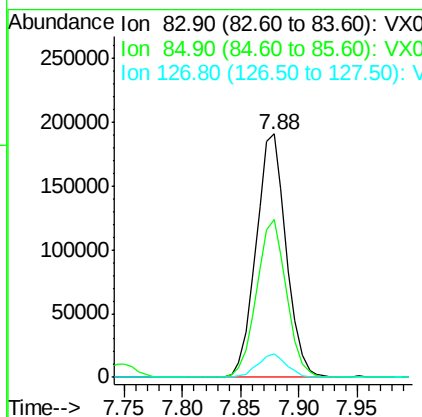
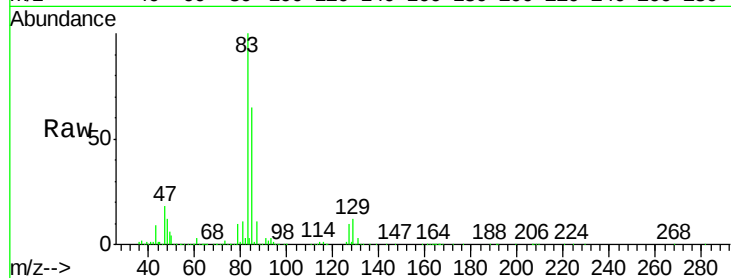
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	343854
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.8	77.6
127	9.8	7.7	11.5

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#48

Methyl methacrylate

Concen: 43.822 ug/l

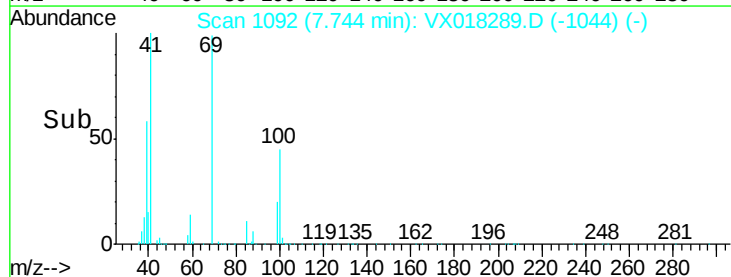
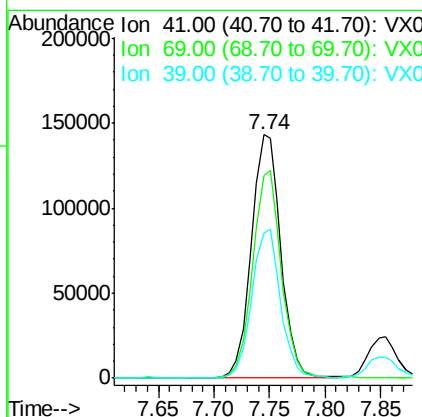
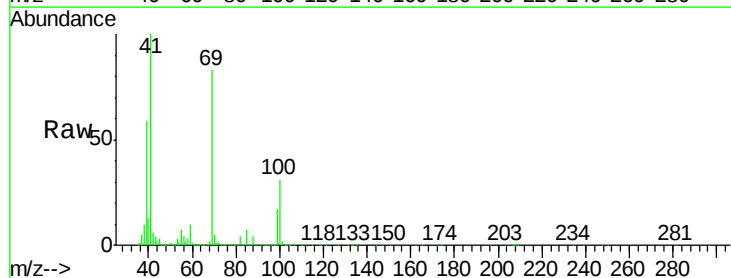
RT: 7.74 min Scan# 1092

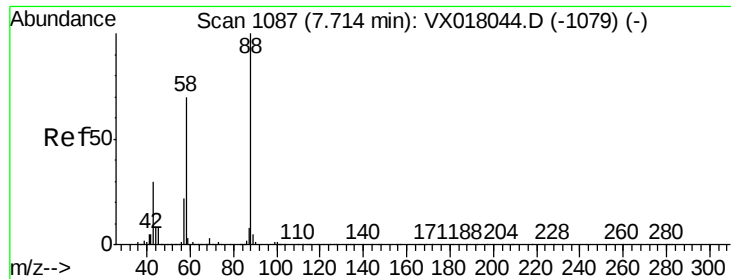
Delta R.T. -0.01 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Tgt Ion:	41	Resp:	262889
Ion Ratio	Lower	Upper	
41	100		
69	83.5	65.5	98.3
39	59.2	44.5	66.7





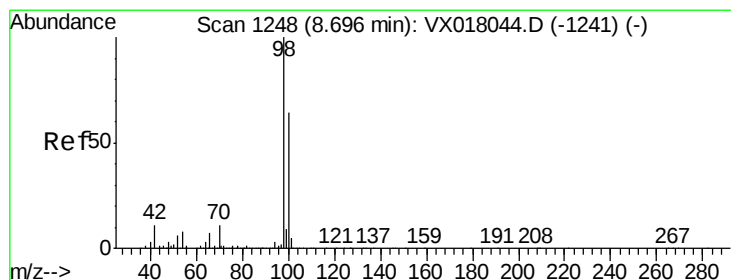
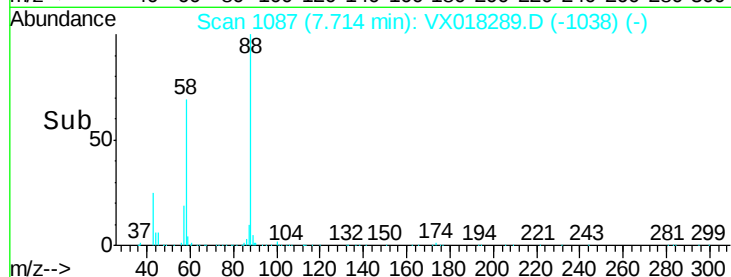
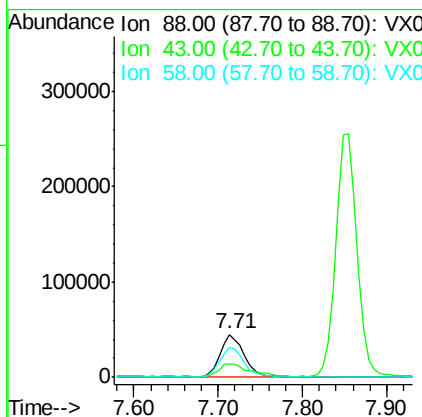
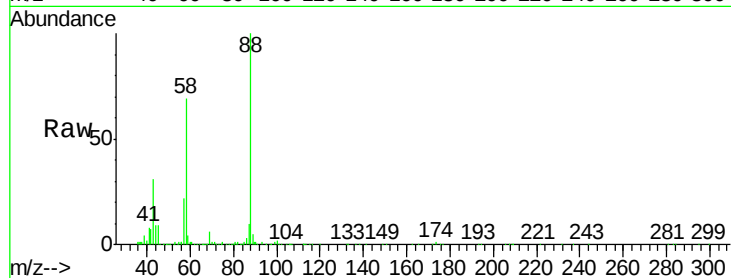
#49
1,4-Dioxane
Concen: 823.904 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.8	27.4	41.0
58	71.3	56.4	84.6

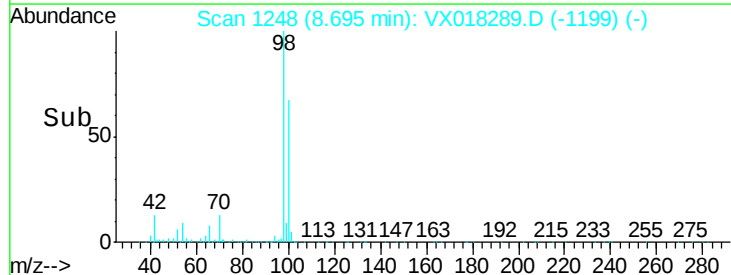
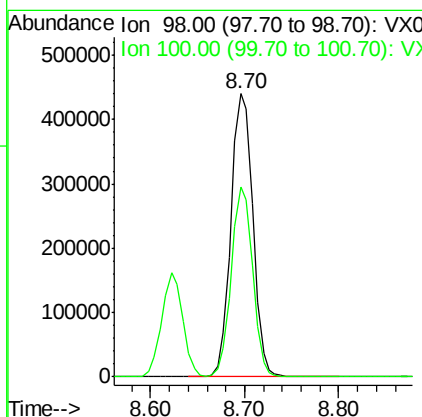
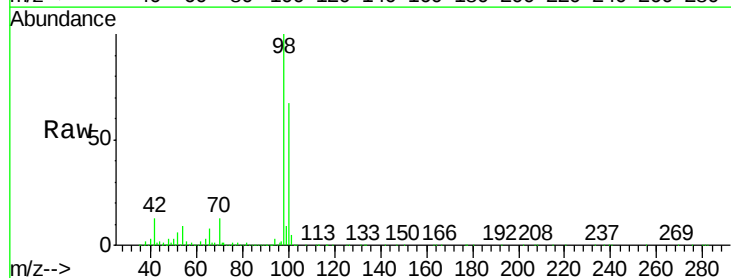
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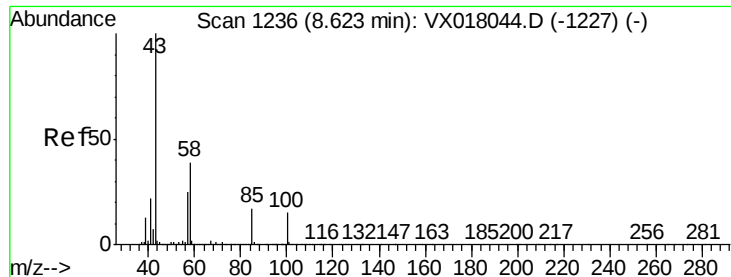
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#50
Toluene-d8
Concen: 40.138 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.4





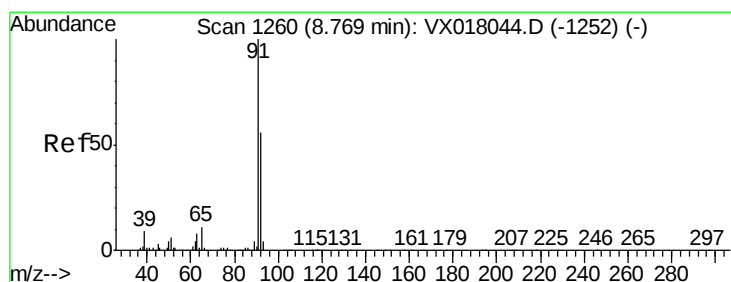
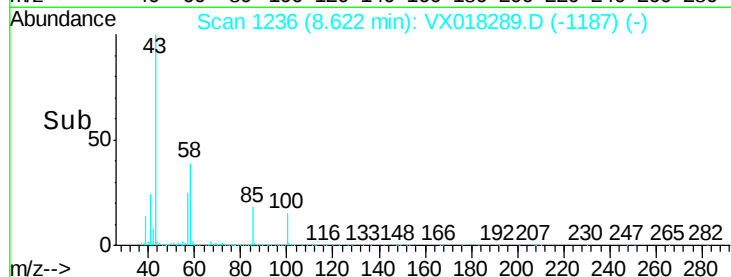
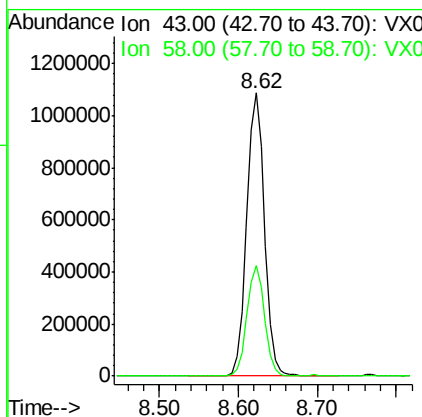
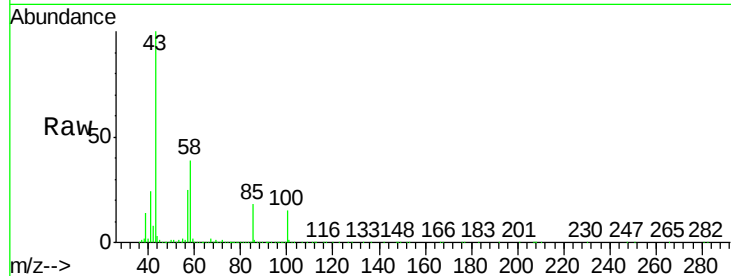
#51
4-Methyl-2-Pentanone
Concen: 227.754 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1695364
Ion Ratio Lower Upper
43 100
58 38.7 30.7 46.1

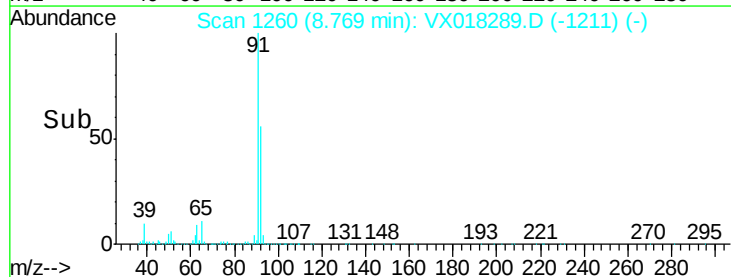
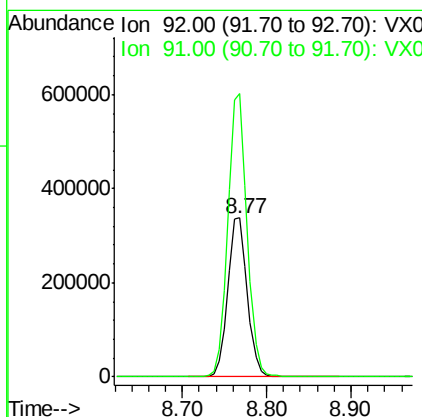
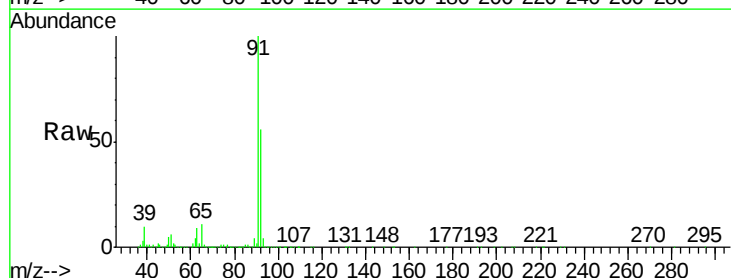
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#52
Toluene
Concen: 44.663 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion: 92 Resp: 534570
Ion Ratio Lower Upper
92 100
91 175.2 140.3 210.5





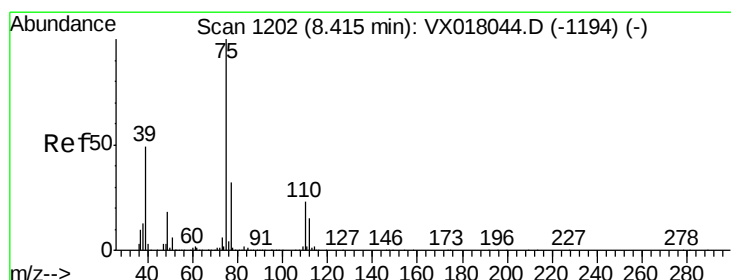
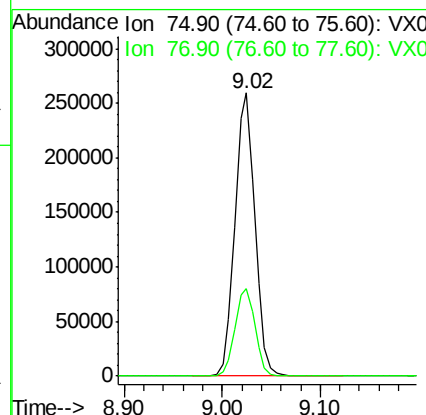
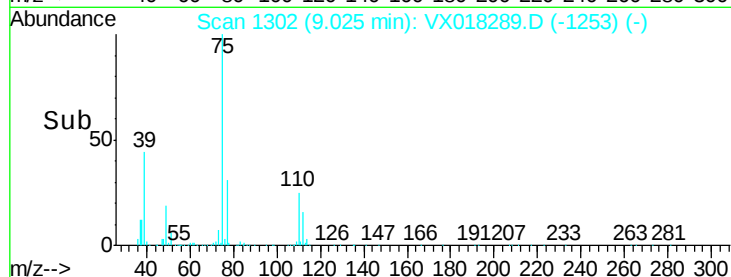
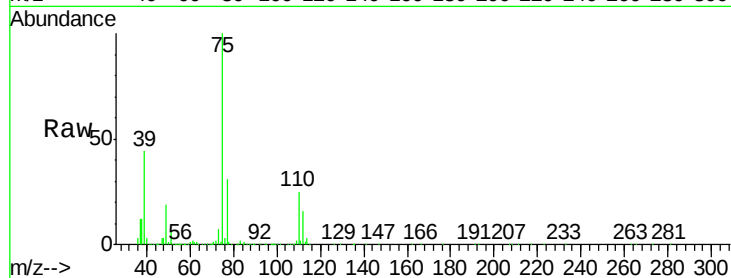
#53
t-1,3-Dichloropropene
Concen: 46.263 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 366254
Ion Ratio Lower Upper
75 100
77 30.7 26.6 39.8

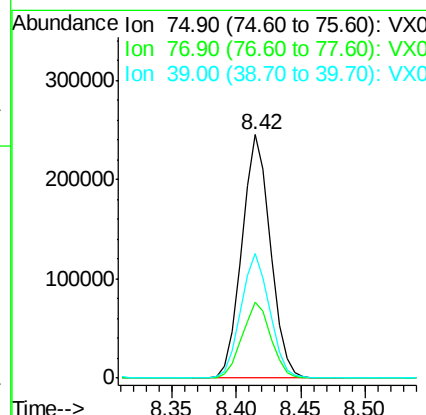
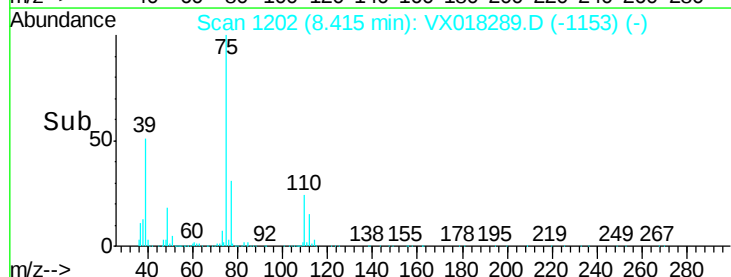
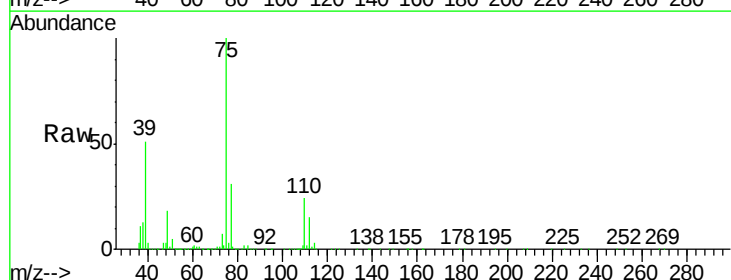
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#54
cis-1,3-Dichloropropene
Concen: 44.903 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion: 75 Resp: 376575
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
39 51.1 38.8 58.2





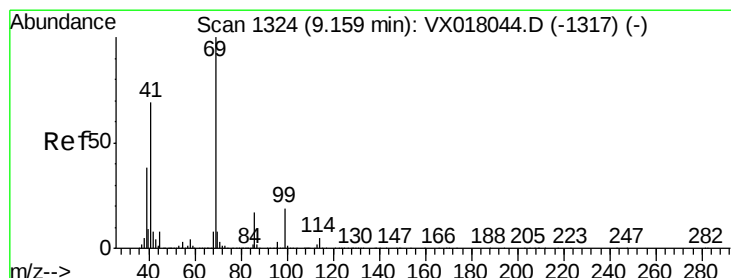
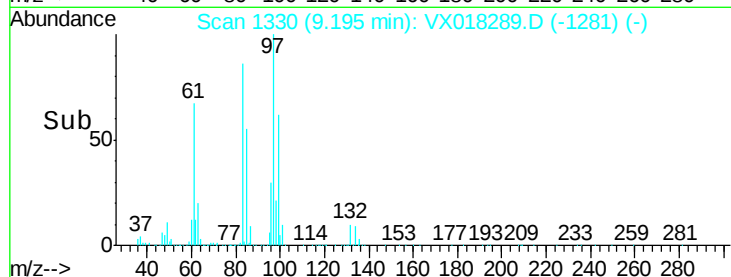
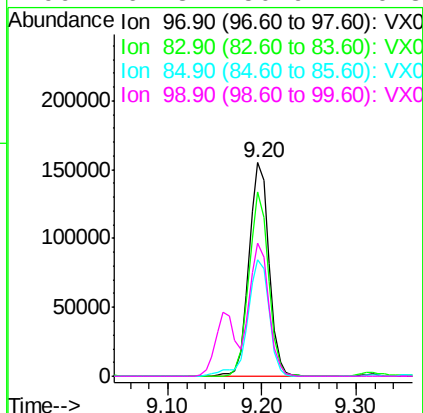
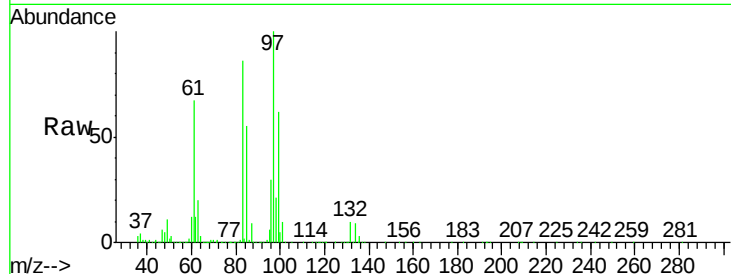
#55
 1,1,2-Trichloroethane
 Concen: 45.349 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.8	101.6
85	54.7	45.3	67.9
99	62.3	50.9	76.3

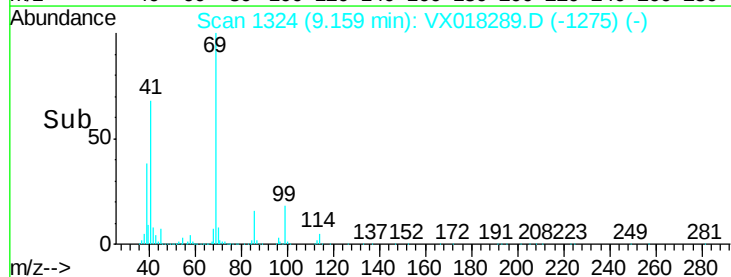
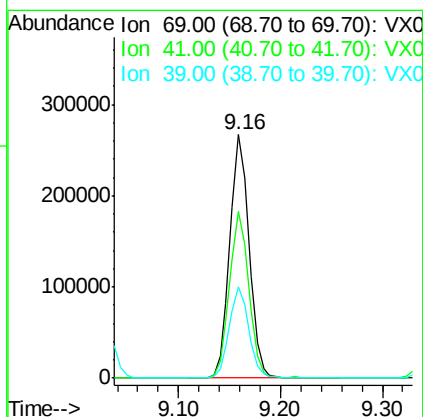
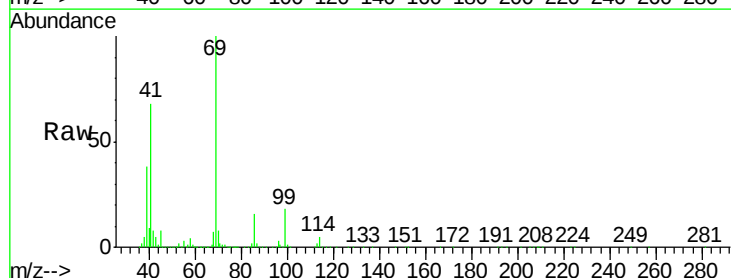
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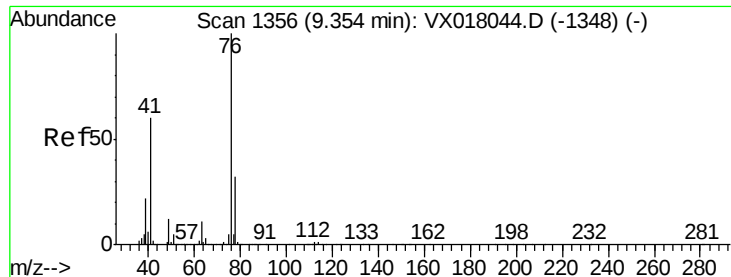
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#56
 Ethyl methacrylate
 Concen: 45.998 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.1	54.6	81.8
39	37.8	29.1	43.7





#57

1,3-Dichloropropane

Concen: 45.090 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 379631

Ion Ratio Lower Upper

76 100

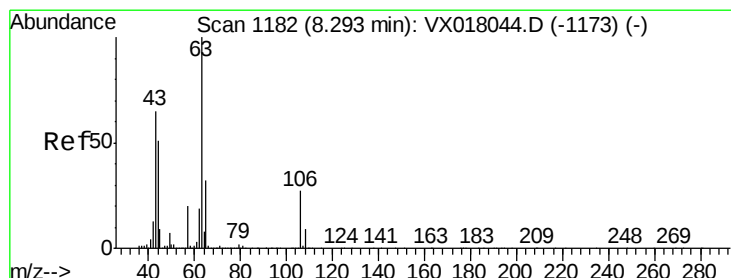
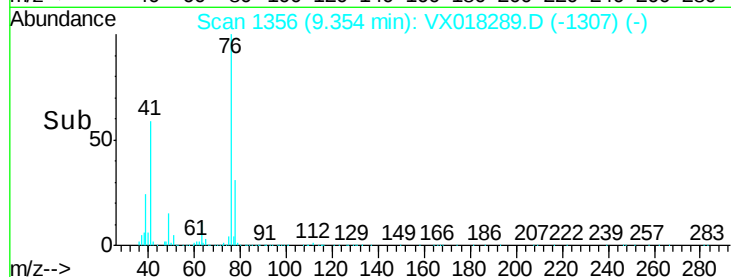
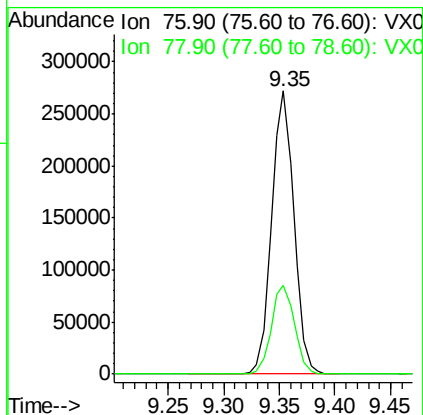
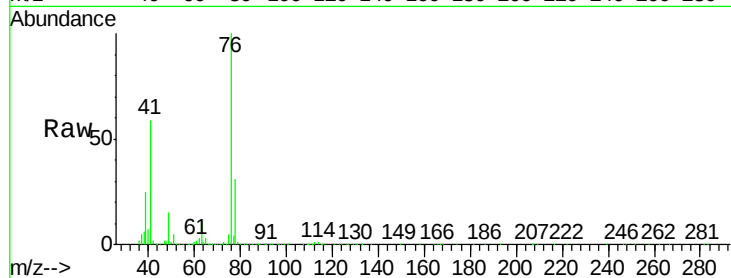
78 32.7 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 186.455 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018289.D

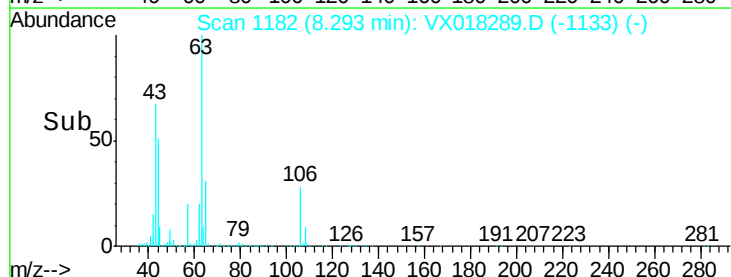
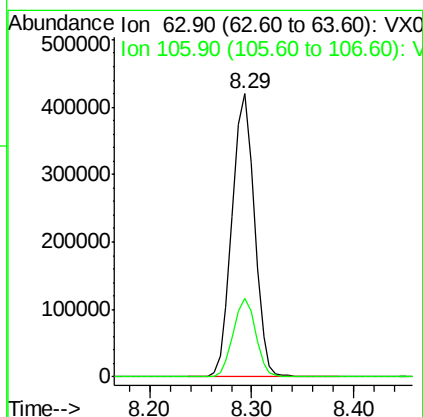
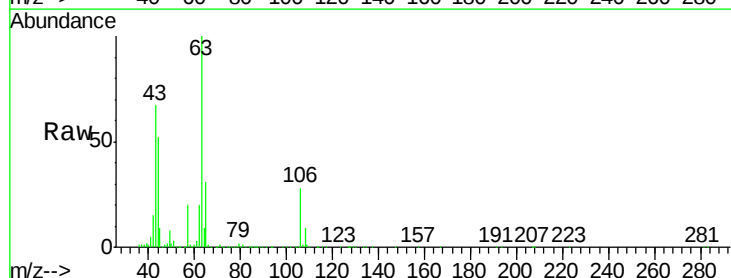
Acq: 08 Sep 2020 20:35

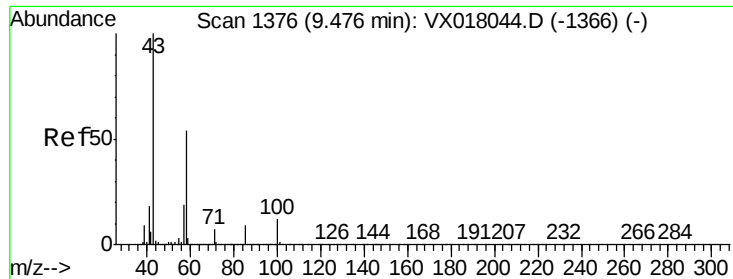
Tgt Ion: 63 Resp: 636509

Ion Ratio Lower Upper

63 100

106 28.0 22.1 33.1





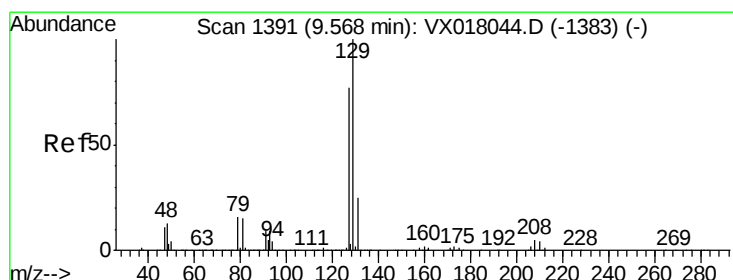
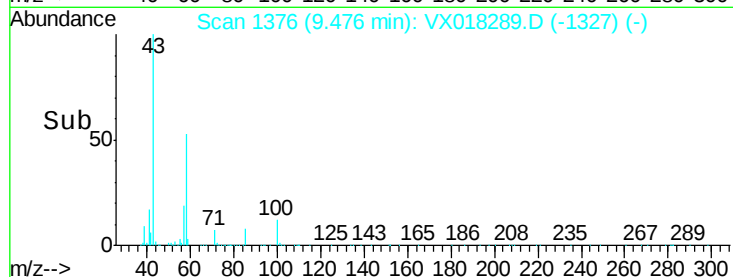
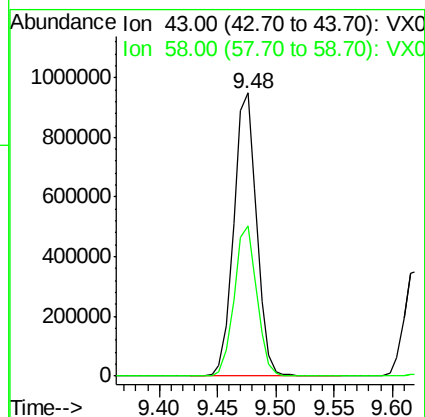
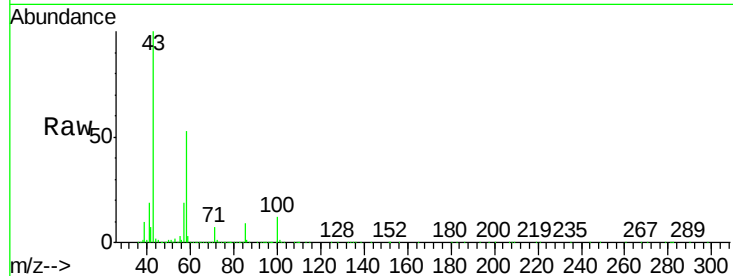
#59
2-Hexanone
Concen: 229.016 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1296272
Ion Ratio Lower Upper
43 100
58 52.6 26.6 79.7

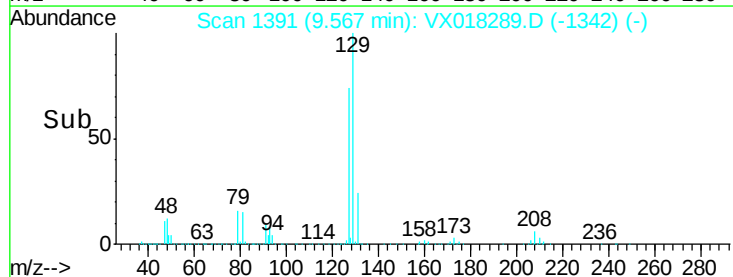
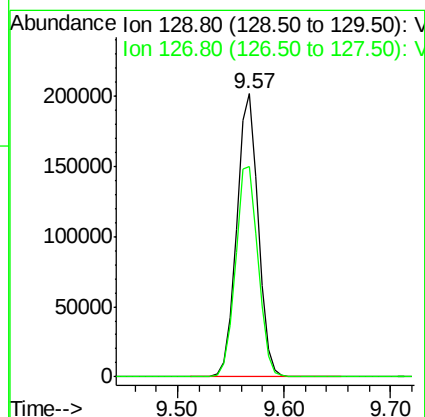
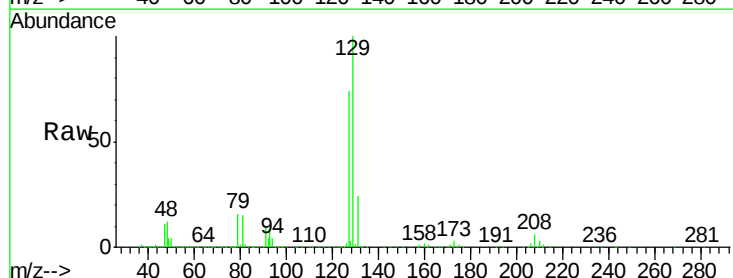
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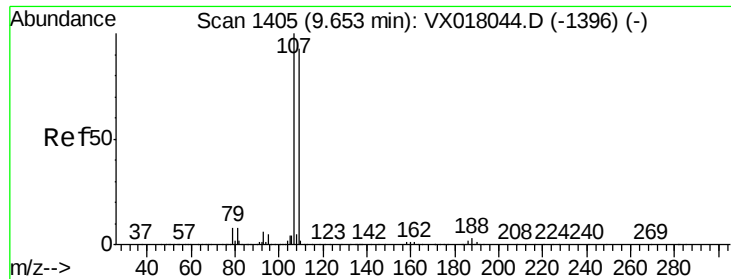
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#60
Dibromochloromethane
Concen: 47.697 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion: 129 Resp: 285625
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6





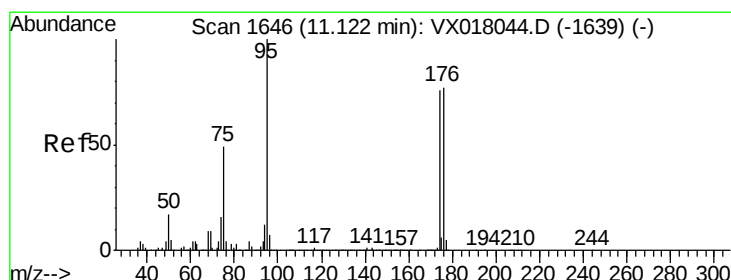
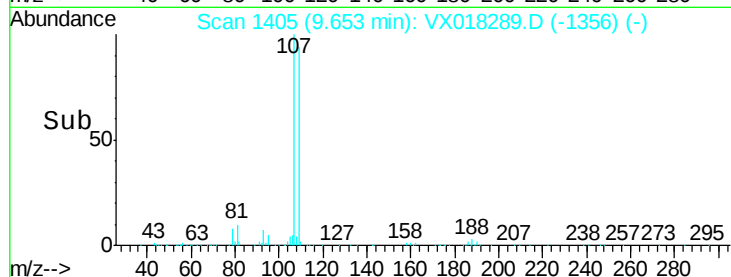
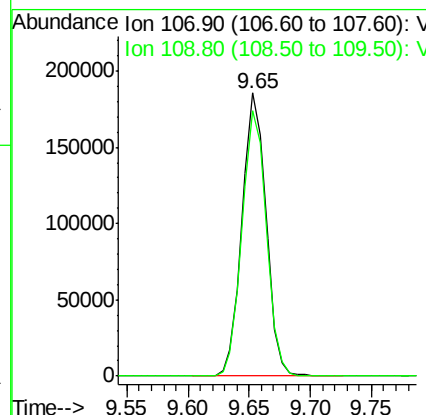
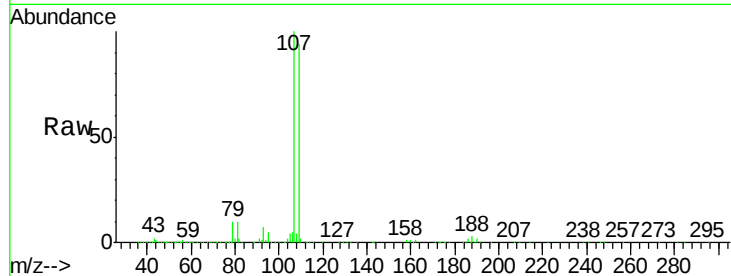
#61
 1,2-Dibromoethane
 Concen: 45.474 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	252019		
109	95.4	75.9	113.9	

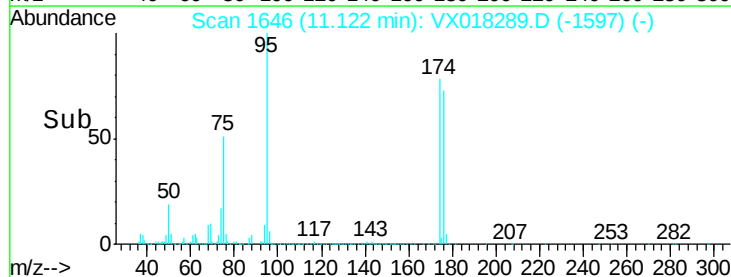
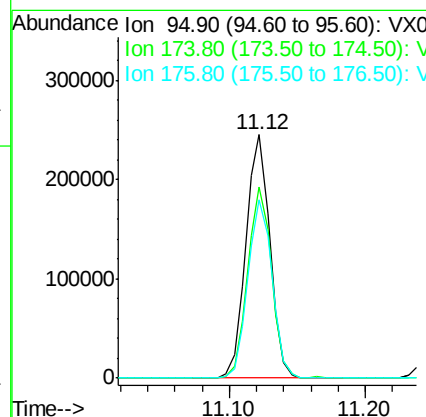
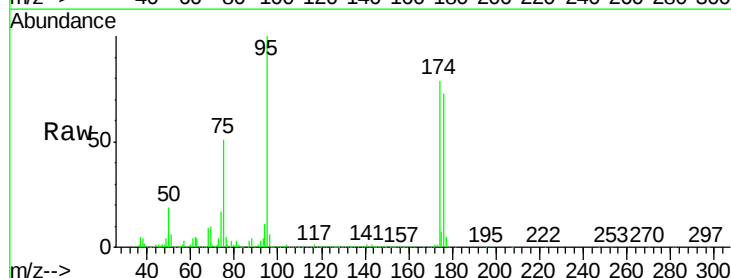
Manual Integrations
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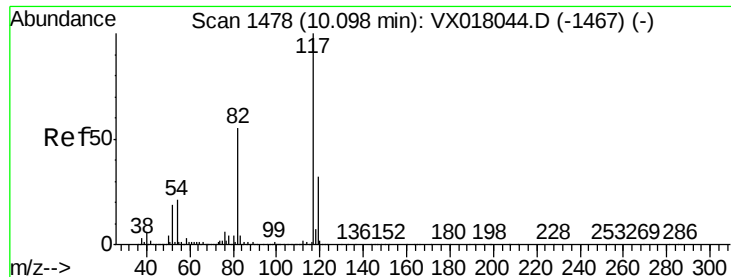
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 43.384 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	301553		
174	78.3	0.0	160.2	
176	74.1	0.0	155.8	





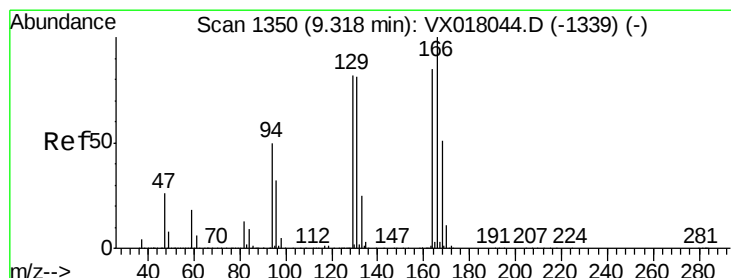
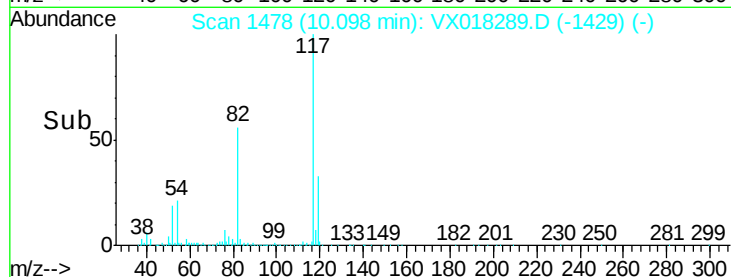
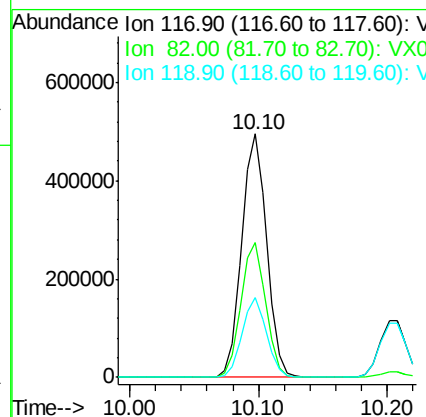
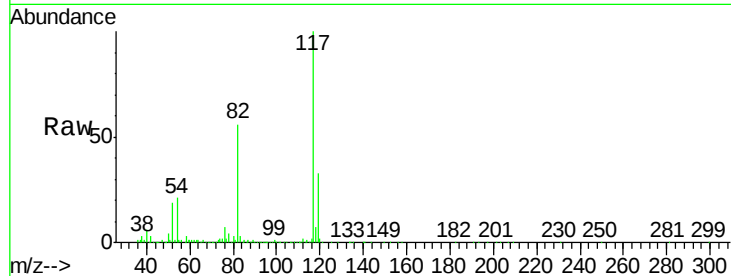
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	665529		
82	55.6	44.2	66.2	
119	32.6	25.7	38.5	

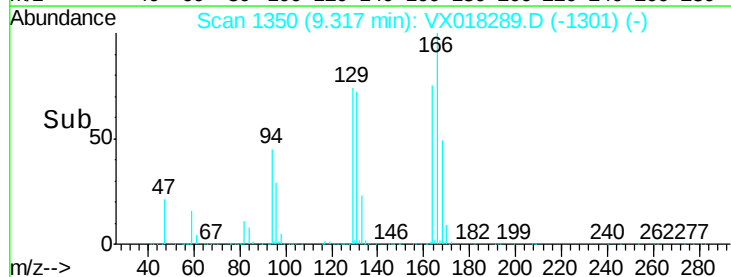
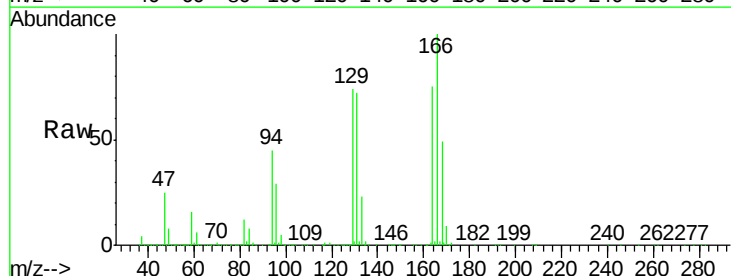
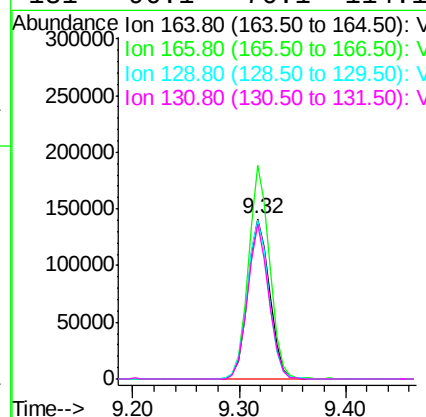
Manual Integrations
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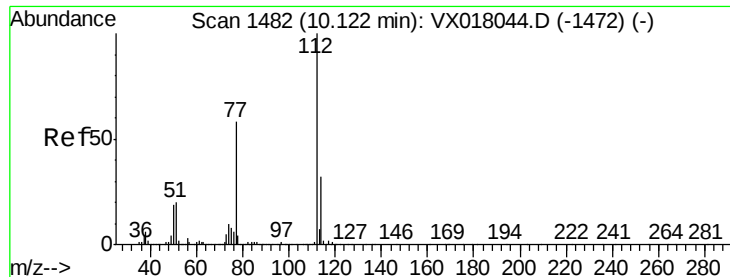
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#64
Tetrachloroethene
Concen: 41.607 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	203487		
166	133.0	94.2	141.2	
129	98.6	76.9	115.3	
131	96.1	76.1	114.1	





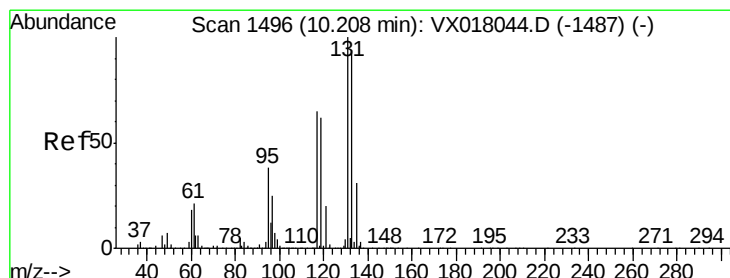
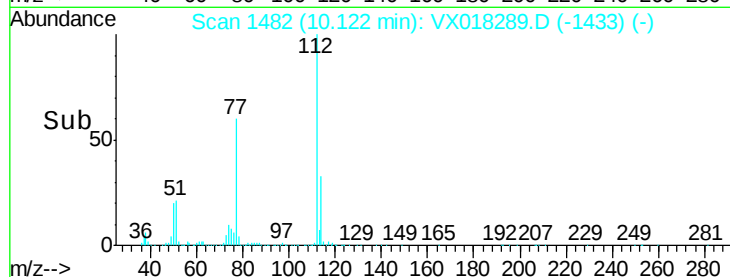
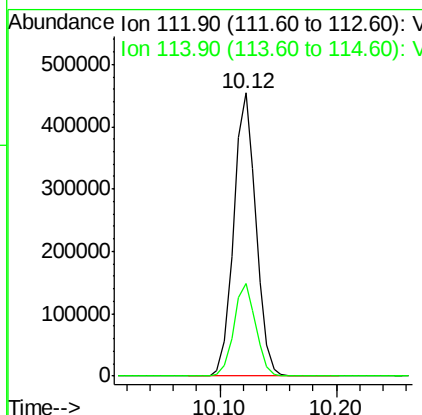
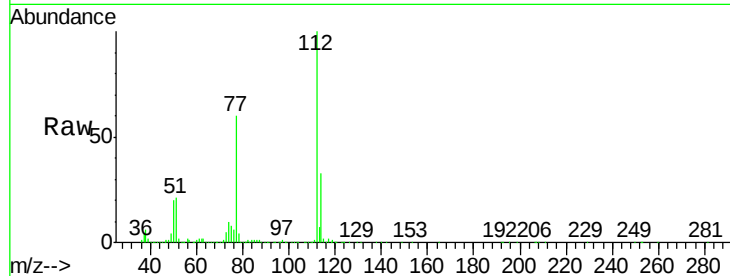
#65
Chlorobenzene
Concen: 45.382 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 603220
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

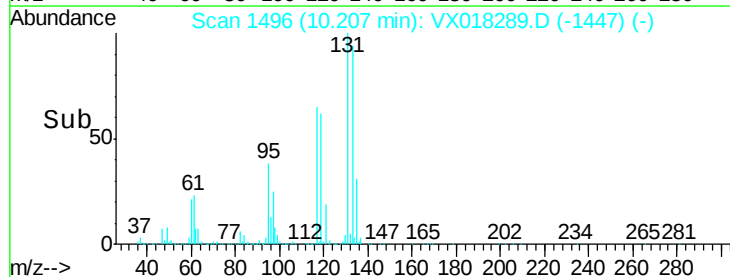
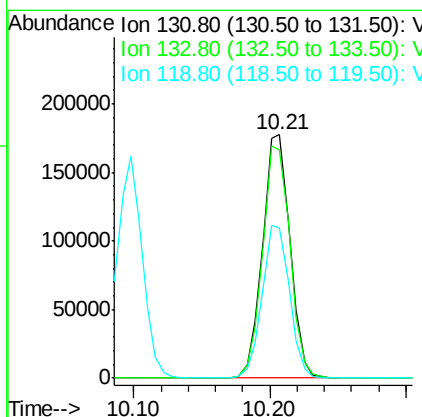
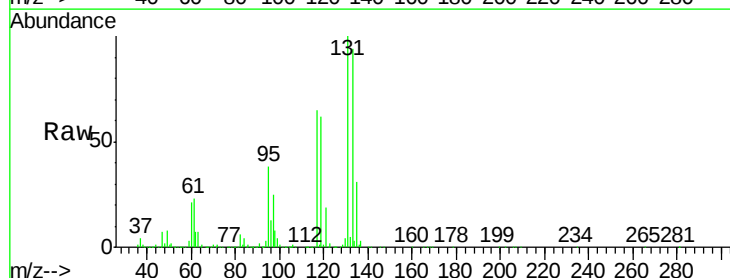
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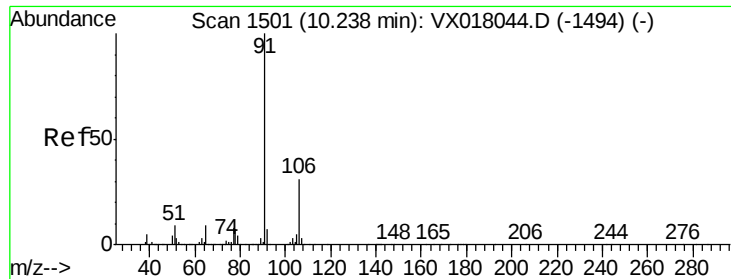
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.365 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion:131 Resp: 253380
Ion Ratio Lower Upper
131 100
133 95.5 46.7 140.1
119 62.7 31.8 95.4





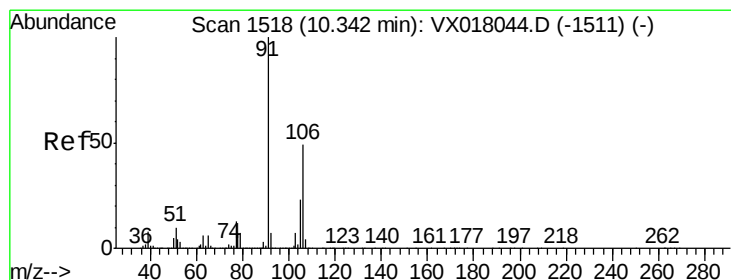
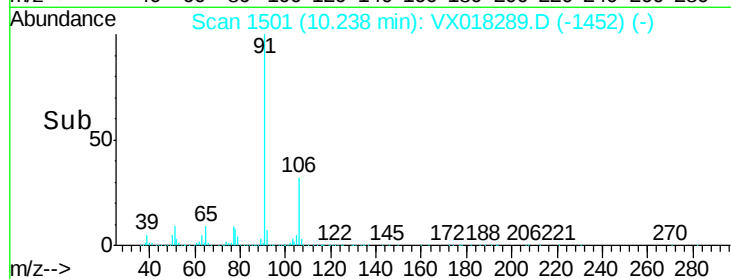
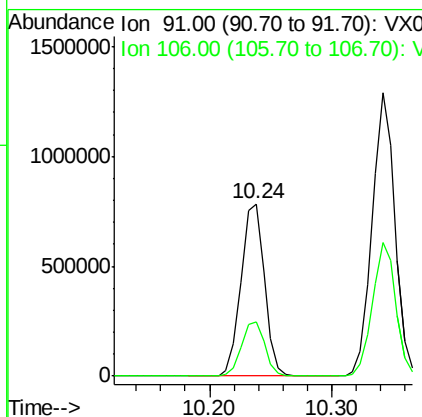
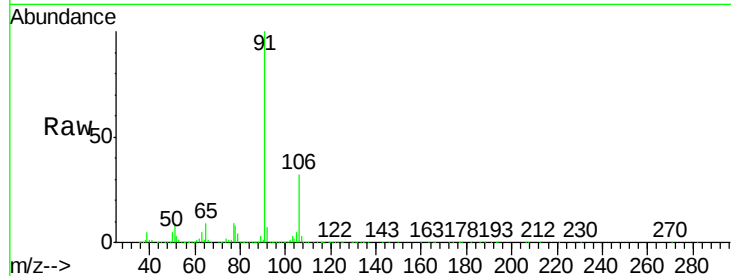
#67
Ethyl Benzene
Concen: 45.926 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1038136
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

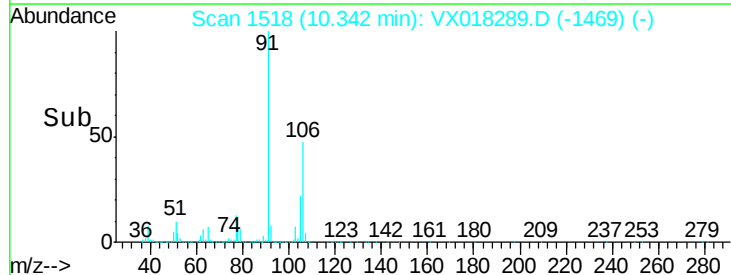
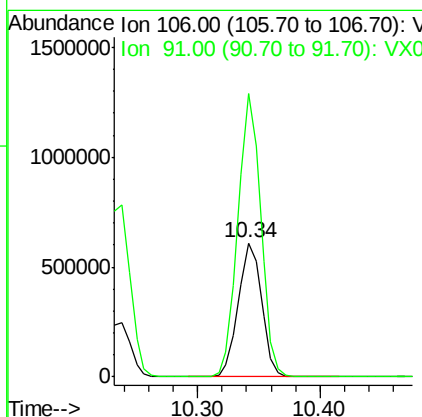
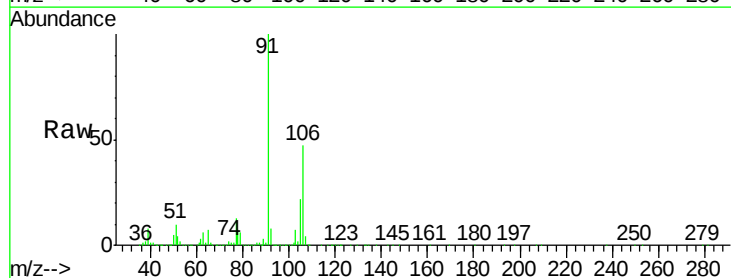
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#68
m/p-Xylenes
Concen: 95.268 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion: 106 Resp: 803775
Ion Ratio Lower Upper
106 100
91 206.8 162.2 243.2





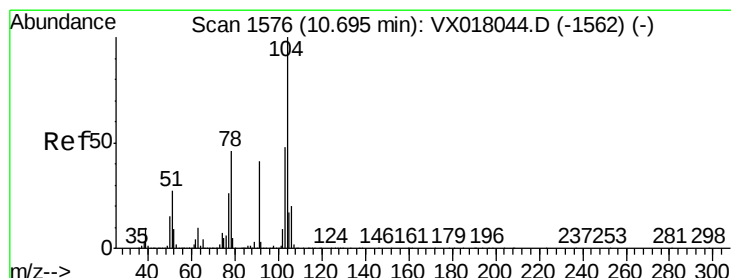
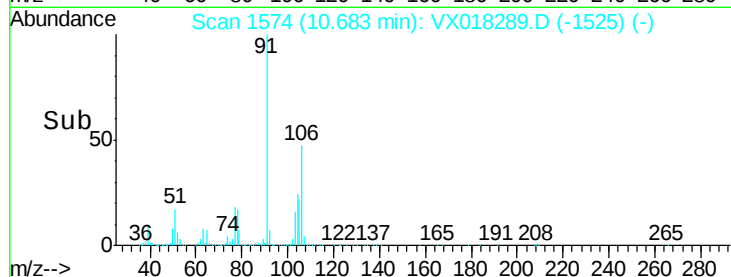
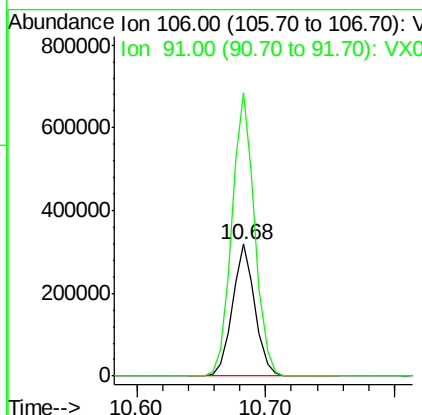
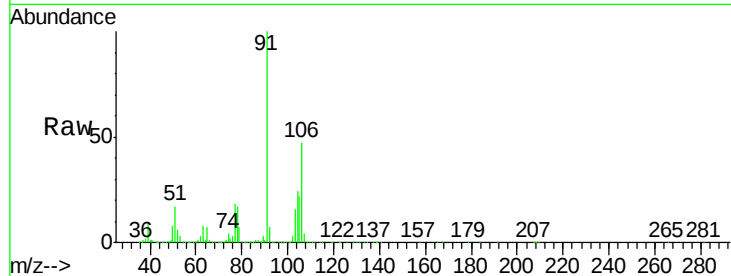
#69
o-Xylene
Concen: 47.179 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	385867		
91	218.6	107.1	321.3	

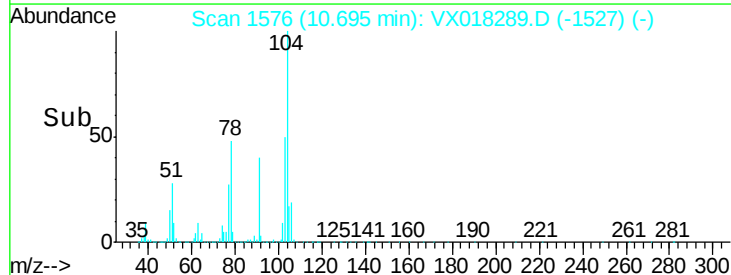
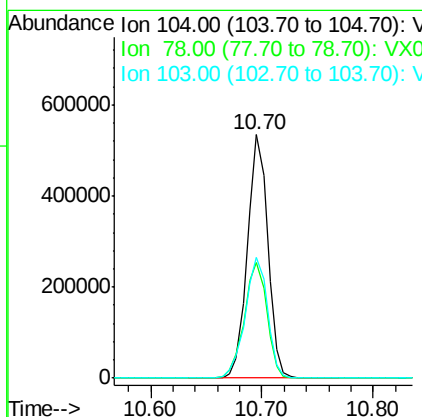
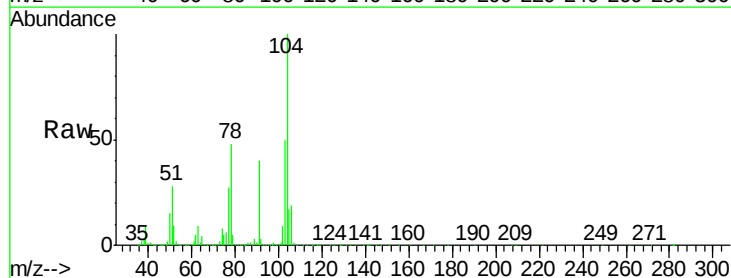
Manual Integrations
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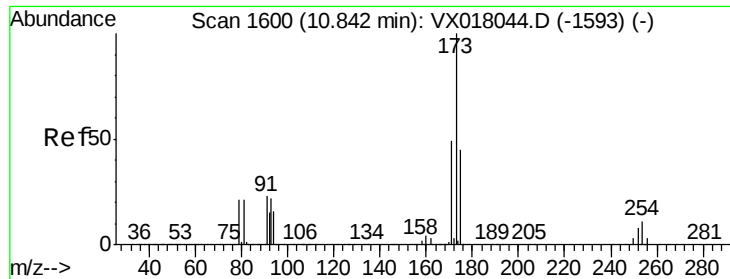
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#70
Styrene
Concen: 48.953 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	681838		
78	52.8	40.9	61.3	
103	54.4	43.6	65.4	





#71

Bromoform

Concen: 51.839 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 231646

Ion Ratio Lower Upper

173 100

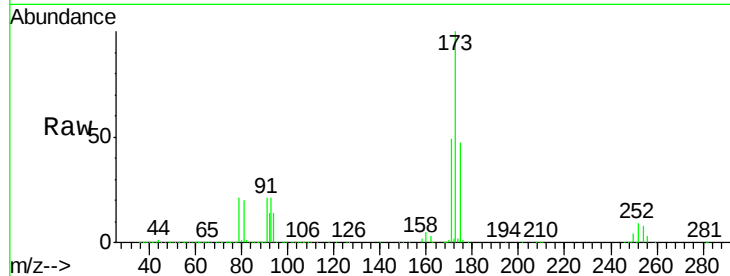
175 47.5 23.9 71.8

254 0.1 0.2 0.2#

Manual Integrations
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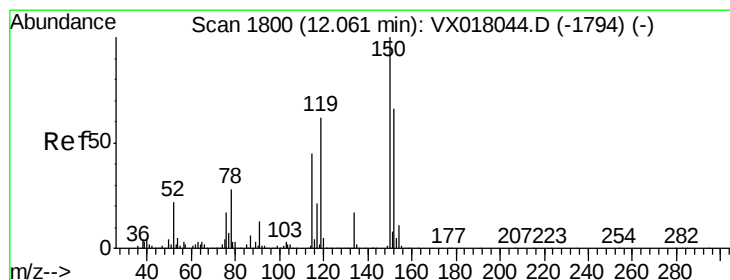
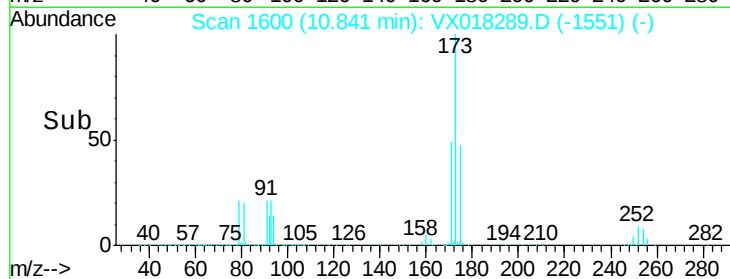
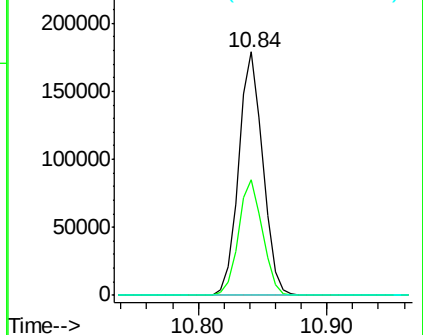
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX018289.D

Acq: 08 Sep 2020 20:35

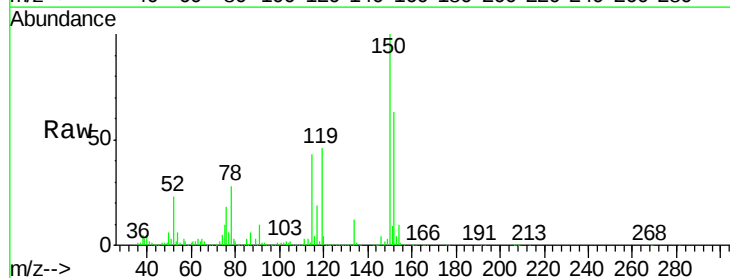
Tgt Ion:152 Resp: 381439

Ion Ratio Lower Upper

152 100

115 79.4 41.5 124.5

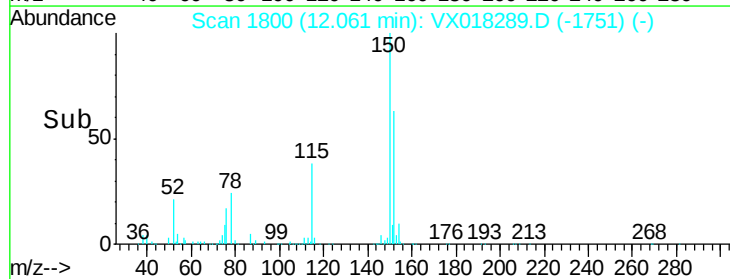
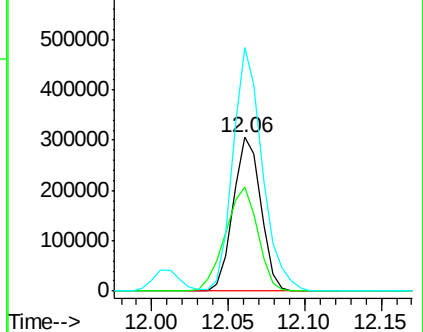
150 167.8 0.0 343.8

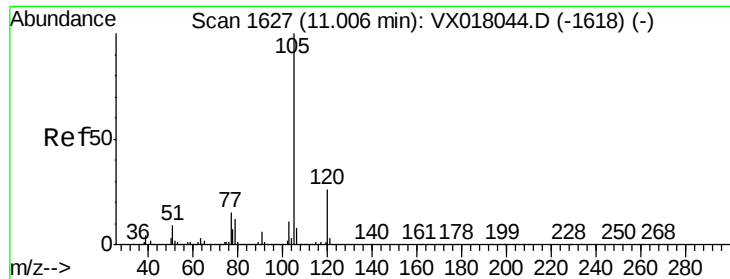


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 41.957 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1055653

Ion Ratio Lower Upper

105 100

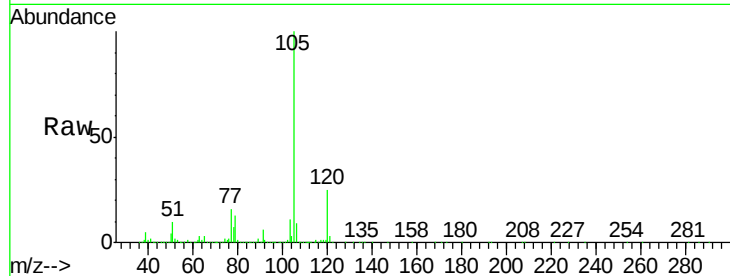
120 25.9 13.2 39.5

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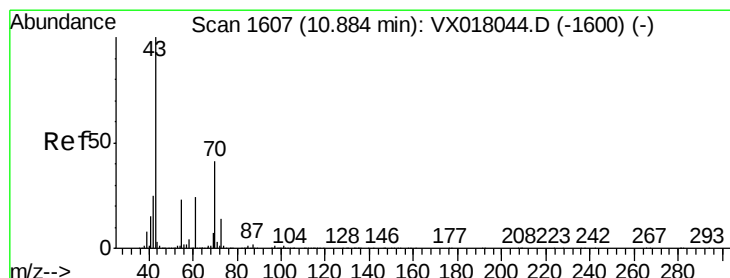
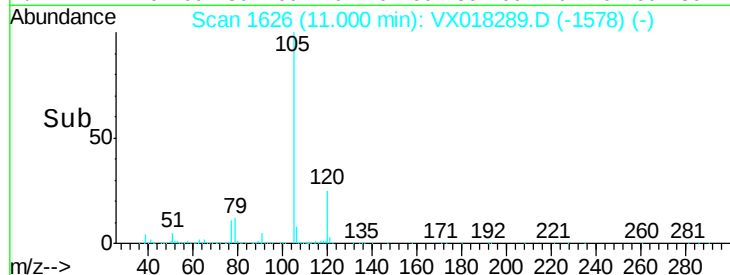
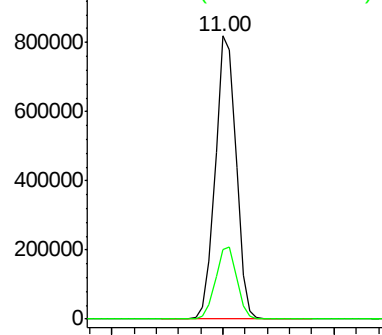
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 40.746 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Tgt Ion: 43 Resp: 486408

Ion Ratio Lower Upper

43 100

70 40.8 32.3 48.5

55 24.6 18.2 27.2

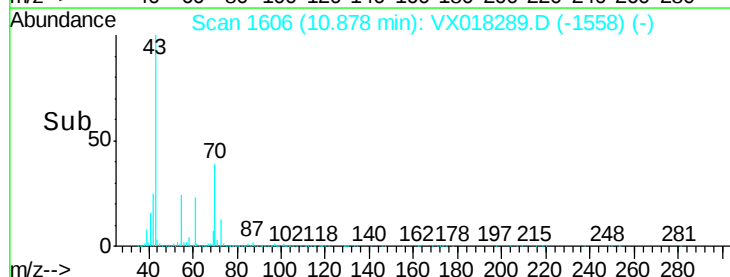
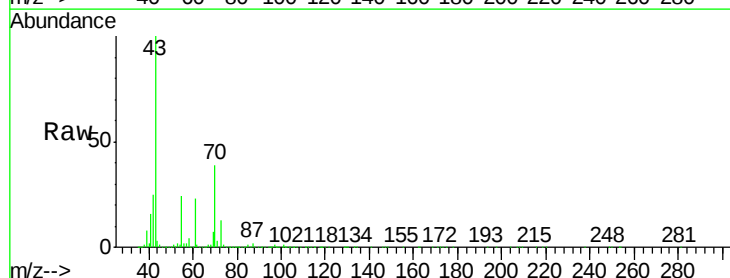
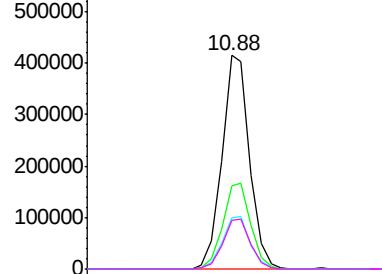
61 23.6 18.9 28.3

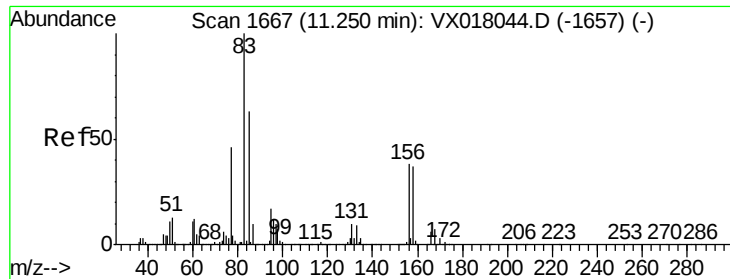
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 41.239 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

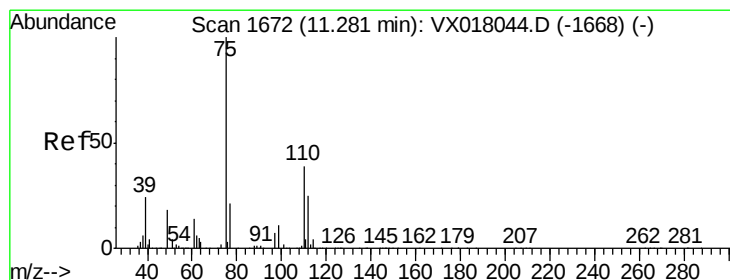
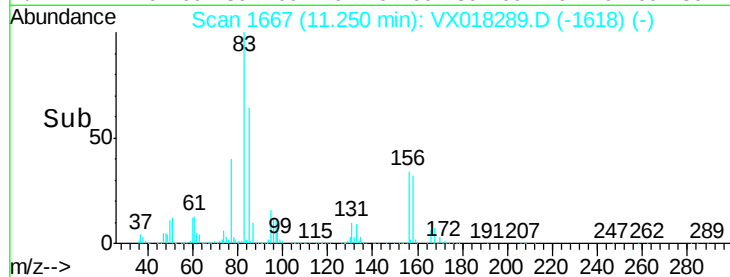
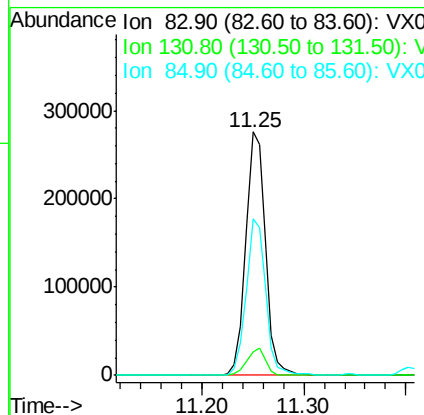
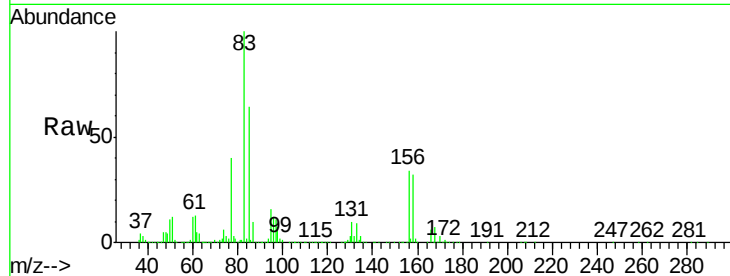
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	366024
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	64.1	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 39.511 ug/l m

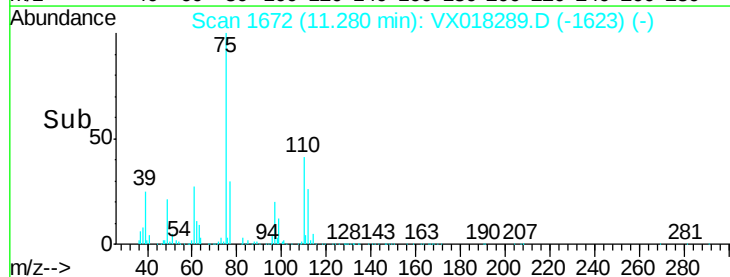
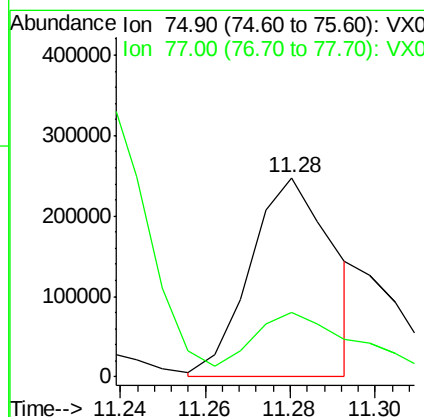
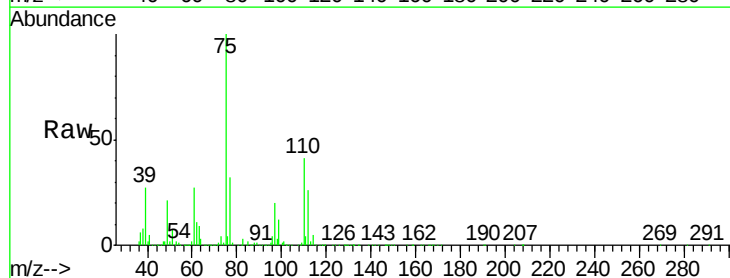
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Tgt Ion:	75	Resp:	335258
Ion Ratio	Lower	Upper	
75	100		
77	41.0	20.8	62.2





#77

Bromobenzene

Concen: 41.596 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

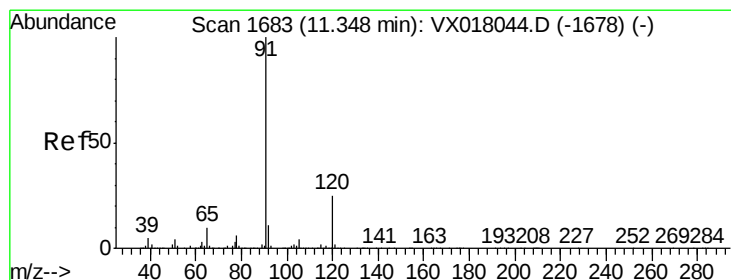
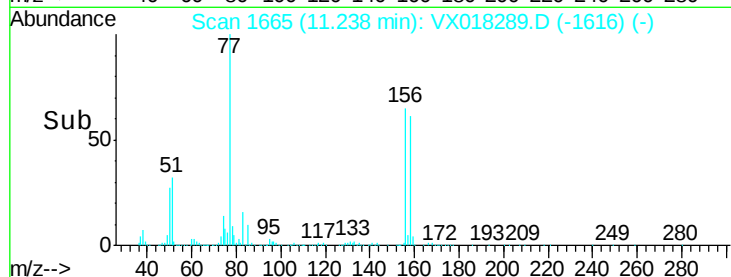
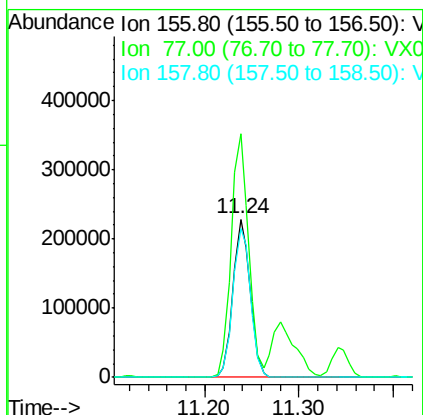
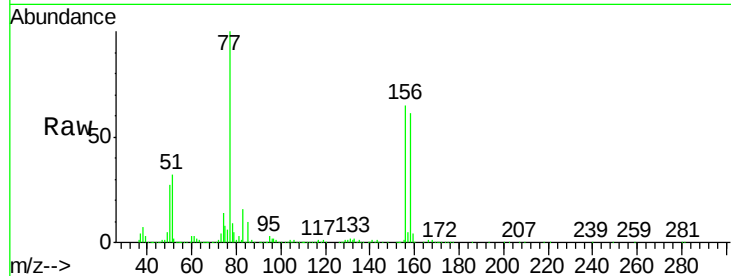
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	289293
Ion Ratio	Lower	Upper	
156	100		
77	156.3	80.0	240.2
158	96.8	49.5	148.7

Manual Integrations
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#78

n-propylbenzene

Concen: 42.416 ug/l

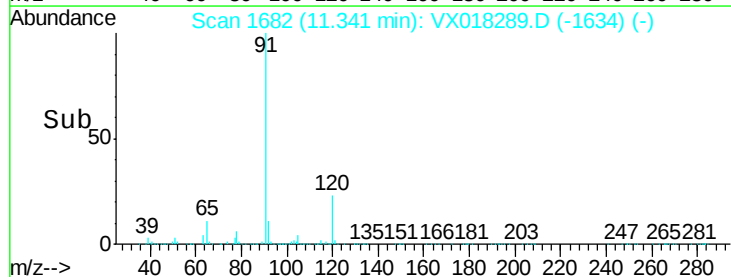
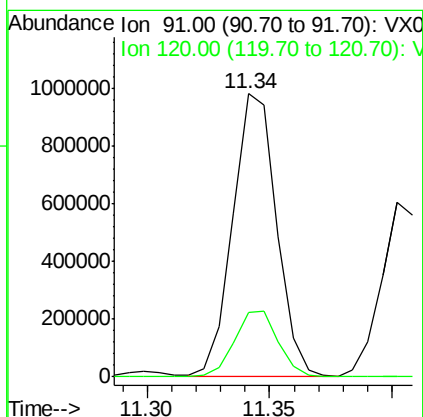
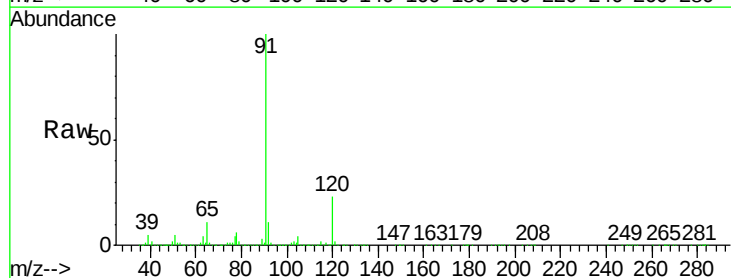
RT: 11.34 min Scan# 1682

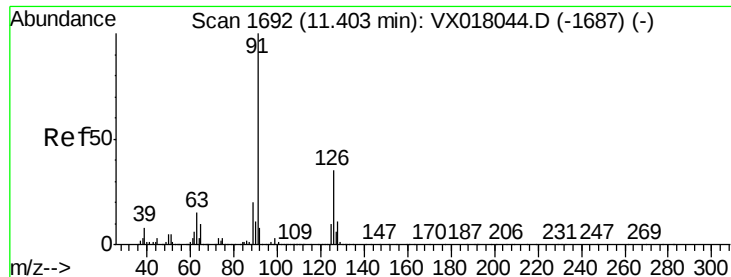
Delta R.T. -0.01 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Tgt Ion:	91	Resp:	1211742
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.9





#79

2-Chlorotoluene

Concen: 42.630 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 752422

Ion Ratio Lower Upper

91 100

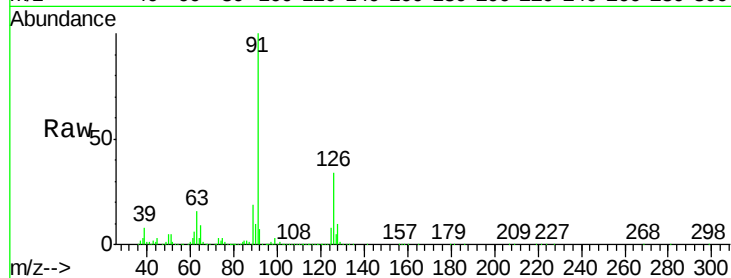
126 33.8 17.4 52.2

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Abundance Ion 91.00 (90.70 to 91.70): VX018044.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX018044.D (-1687) (-)

1000000

800000

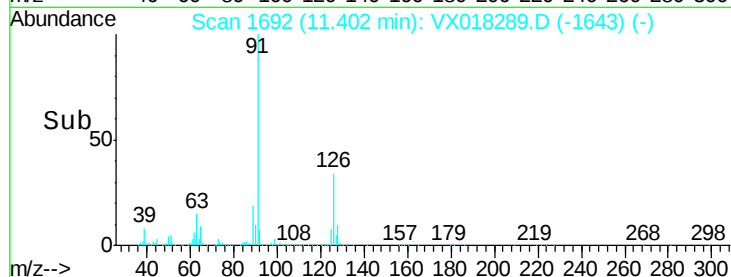
600000

400000

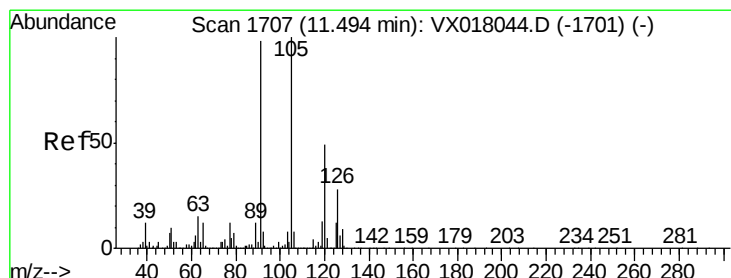
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 45.057 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018289.D

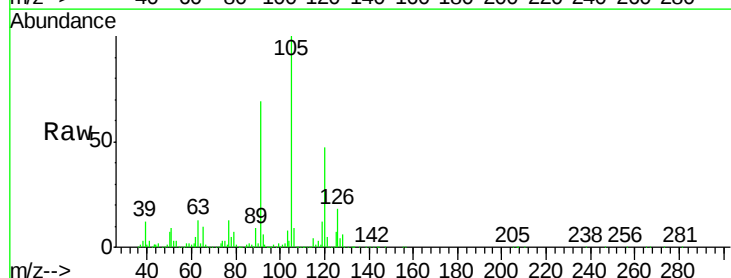
Acq: 08 Sep 2020 20:35

Tgt Ion: 105 Resp: 931581

Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018044.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018044.D (-1701) (-)

800000

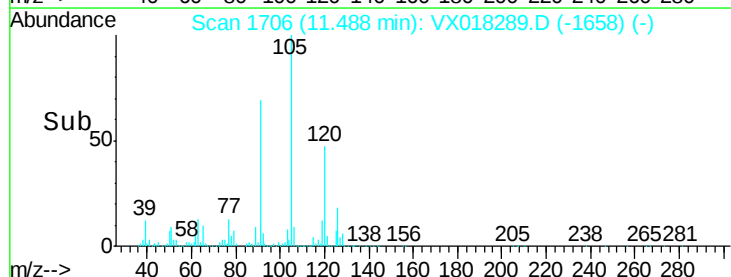
600000

400000

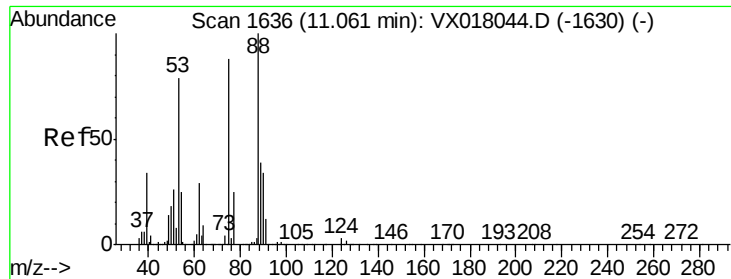
200000

0

11.40 11.50 11.60



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 40.432 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

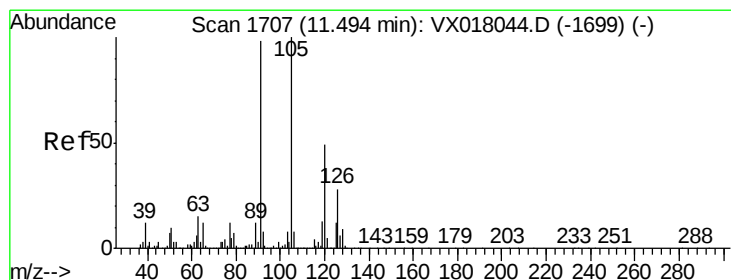
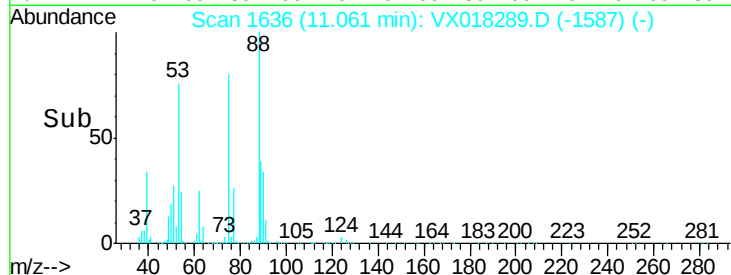
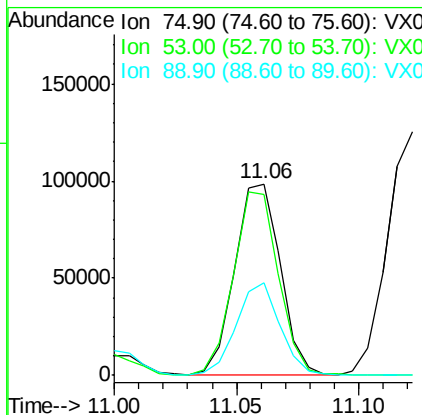
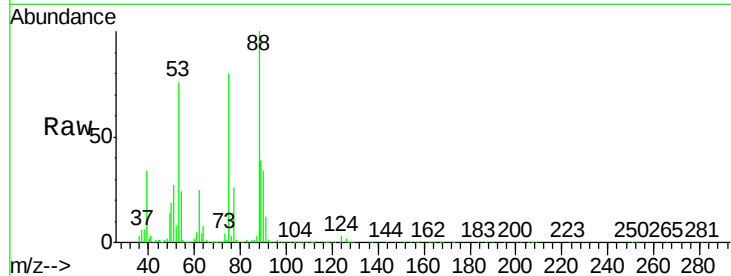
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	127026
Ion	Ratio	Lower	Upper
75	100		
53	95.1	74.7	112.1
89	46.8	36.6	54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 42.412 ug/l

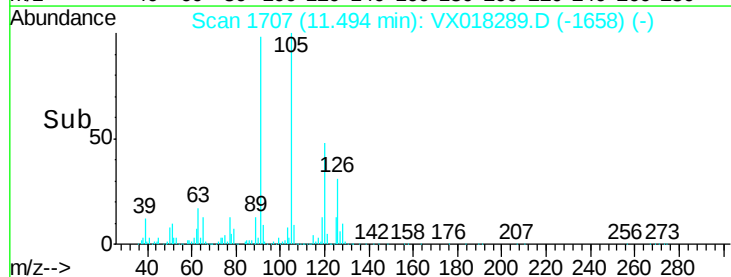
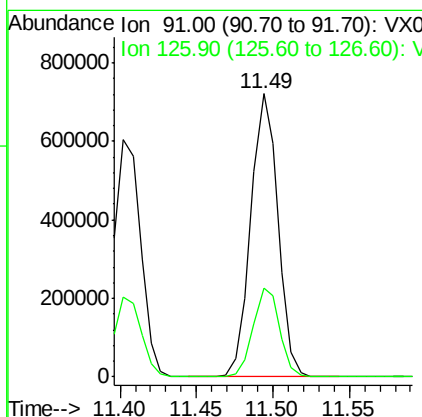
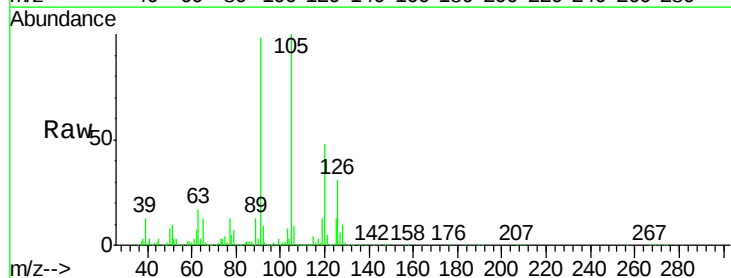
RT: 11.49 min Scan# 1707

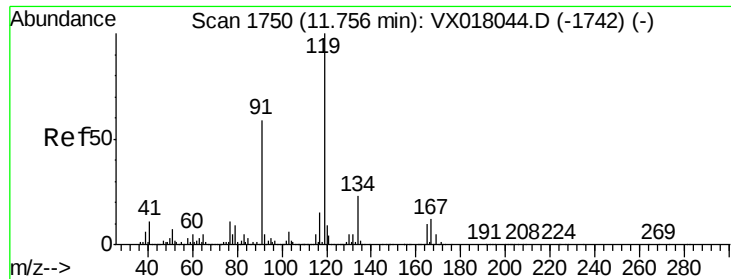
Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Tgt Ion:	91	Resp:	889897
Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.1	45.3





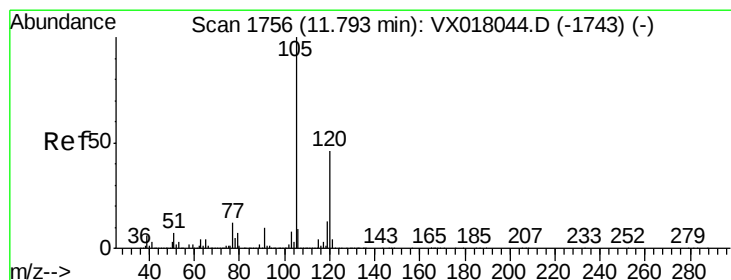
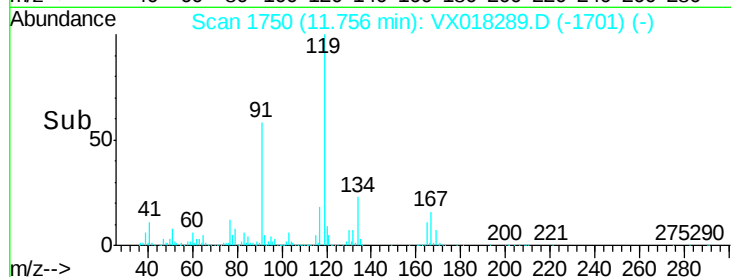
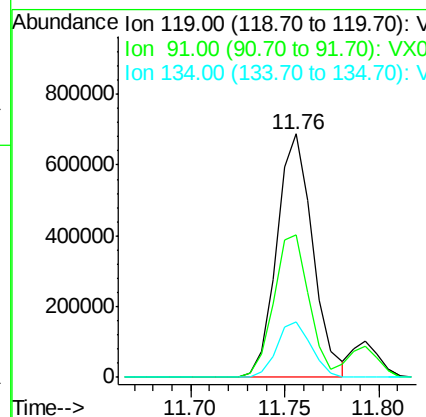
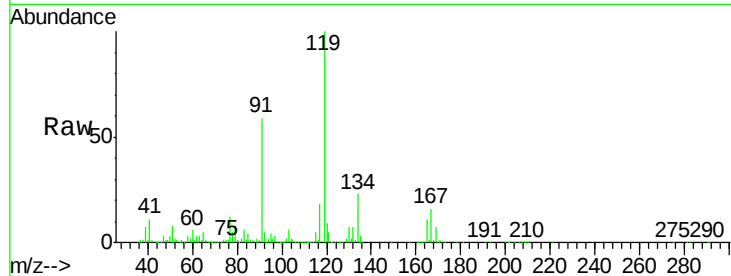
#83
tert-Butylbenzene
Concen: 44.543 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	908848		
91	57.4	28.2	84.7	
134	22.2	11.3	33.8	

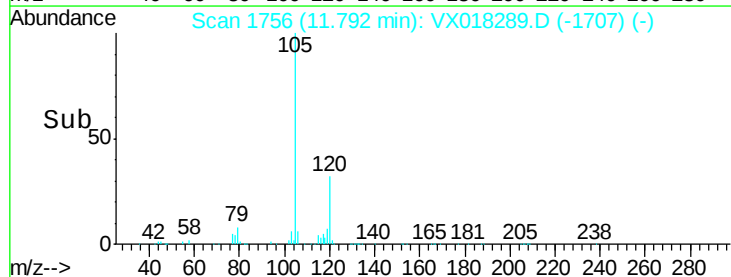
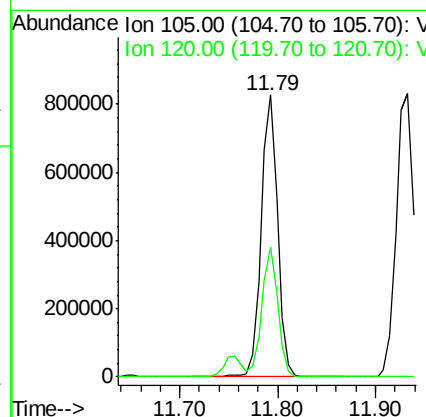
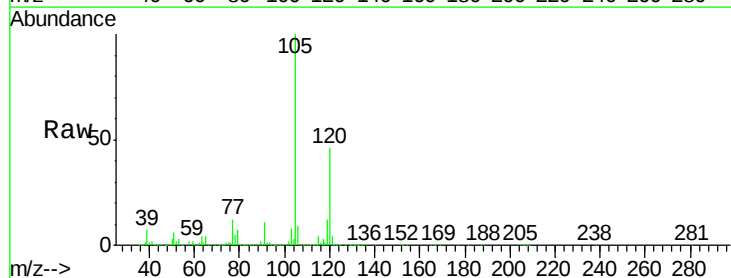
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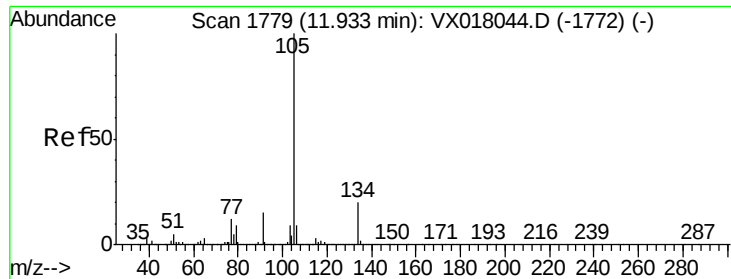
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#84
1,2,4-Trimethylbenzene
Concen: 45.160 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	954603		
120	44.7	22.3	66.9	





#85

sec-Butylbenzene

Concen: 44.641 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 1035826

Ion Ratio Lower Upper

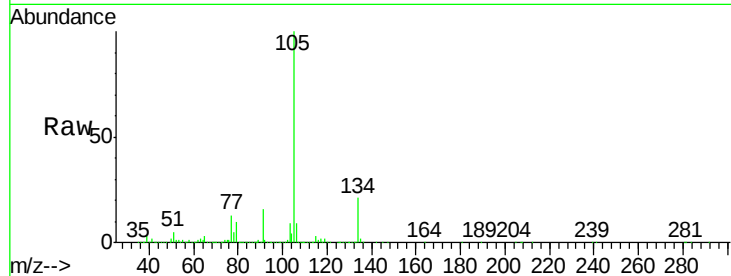
105 100

134 20.4 10.1 30.3

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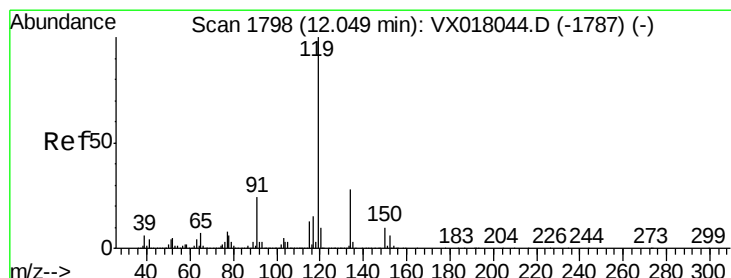
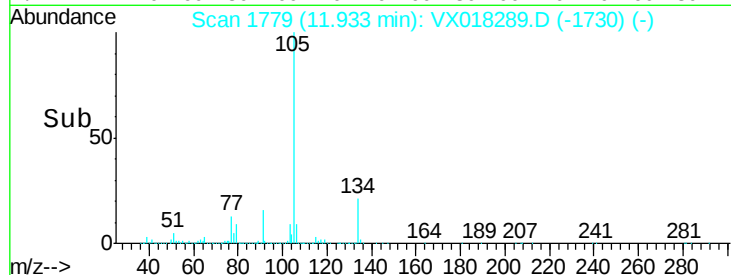
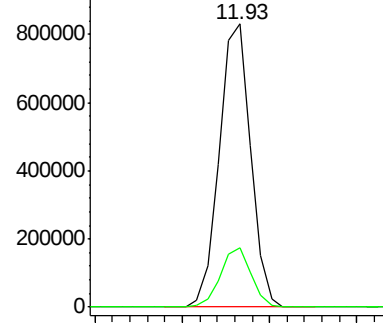
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.408 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

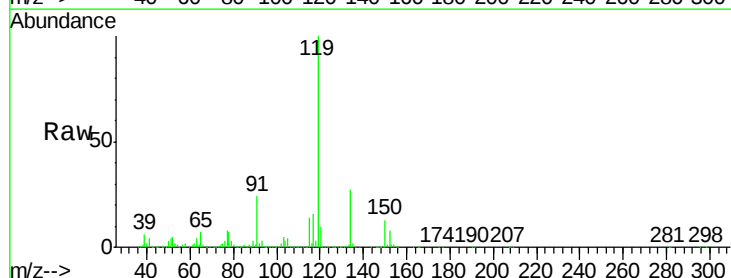
Tgt Ion:119 Resp: 967811

Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

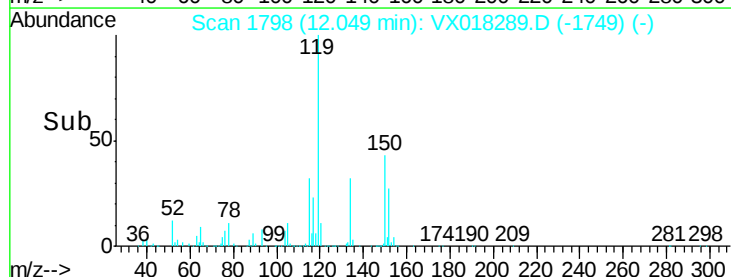
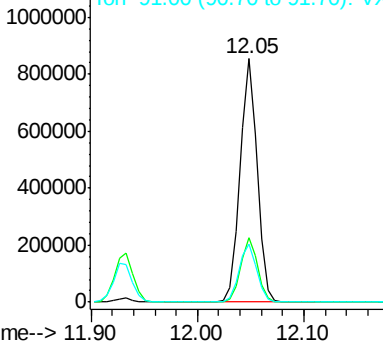
91 24.6 11.8 35.4

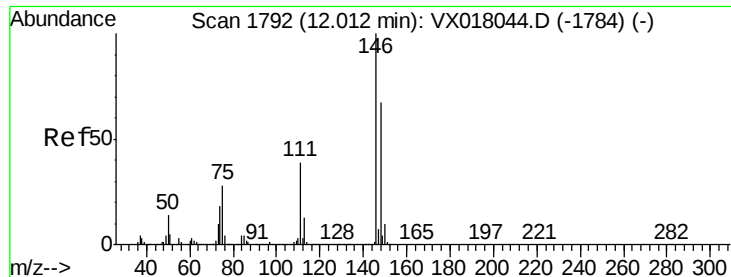


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





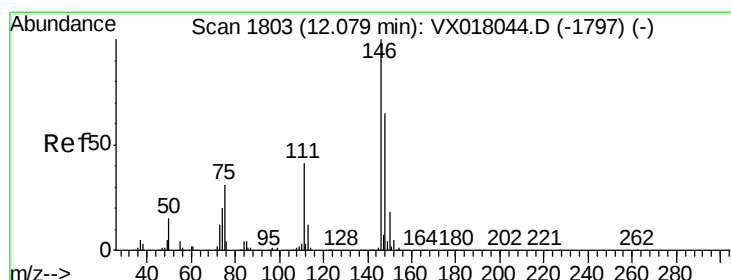
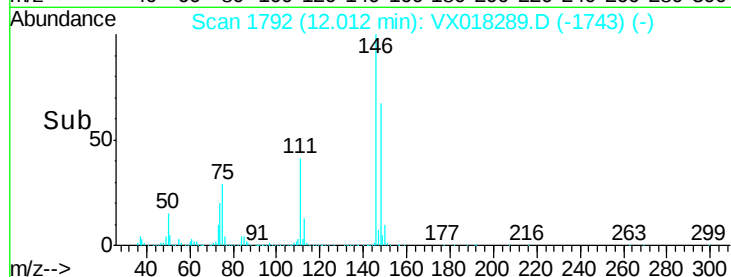
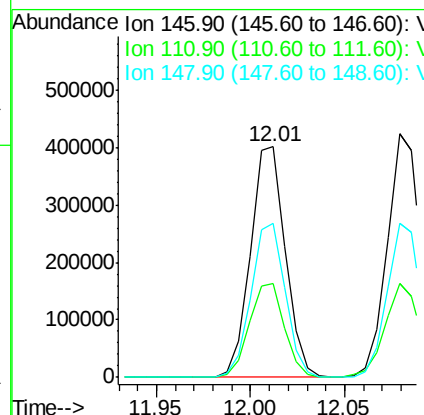
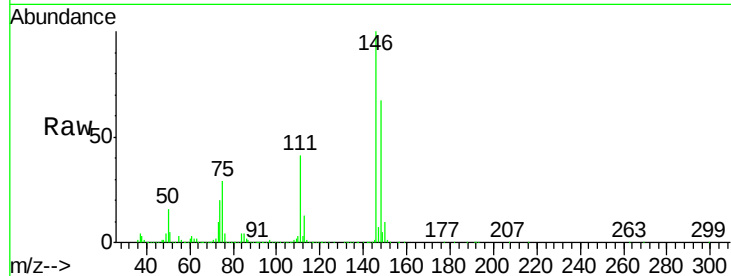
#87
 1,3-Dichlorobenzene
 Concen: 42.256 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.8
148	65.4	33.1	99.2

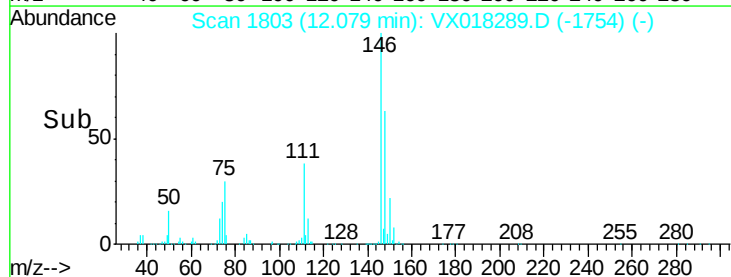
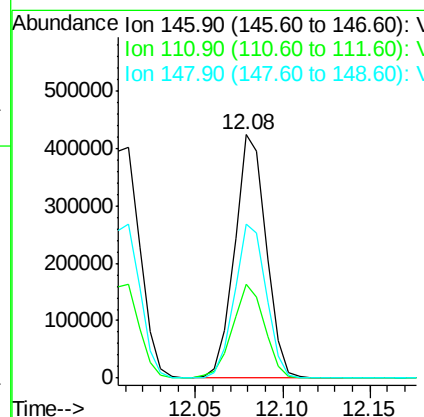
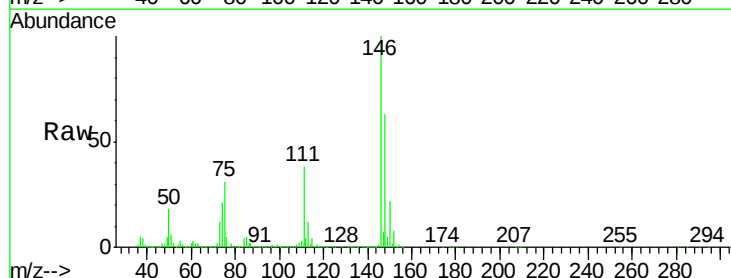
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#88
 1,4-Dichlorobenzene
 Concen: 43.291 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.3	60.8
148	63.8	33.1	99.2





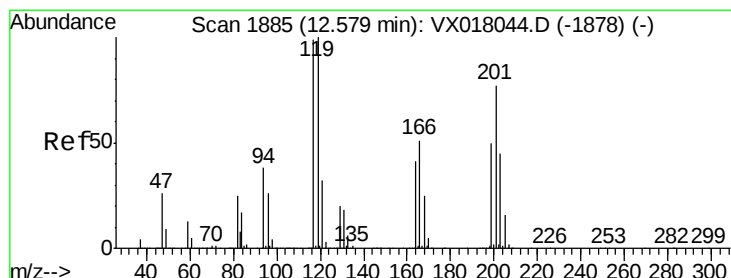
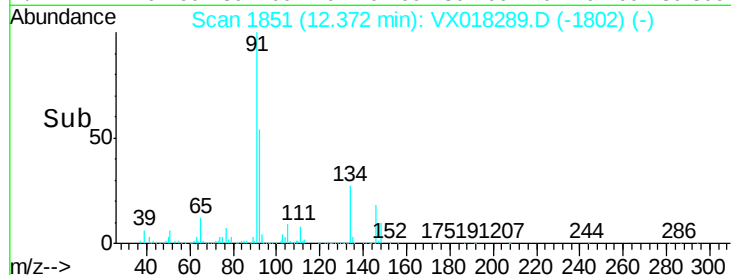
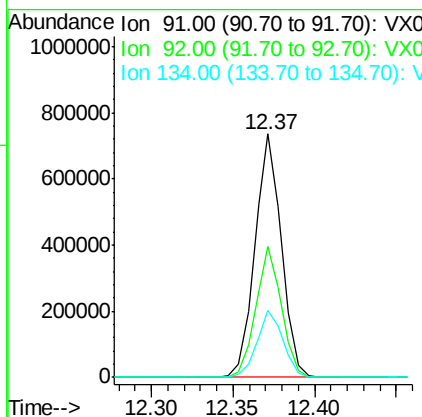
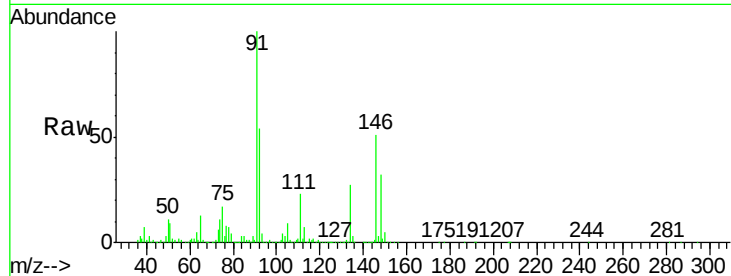
#89
n-Butylbenzene
Concen: 42.404 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.4	79.2
134	27.2	12.9	38.7

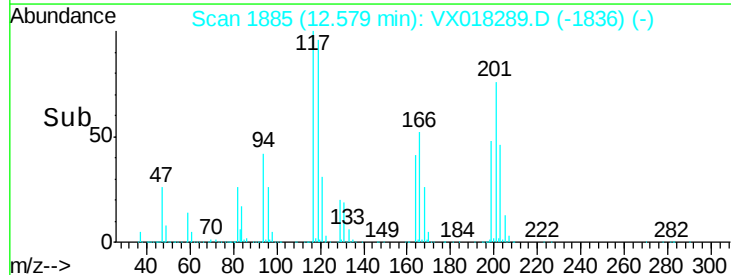
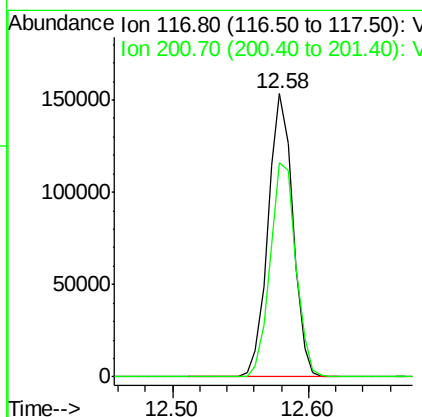
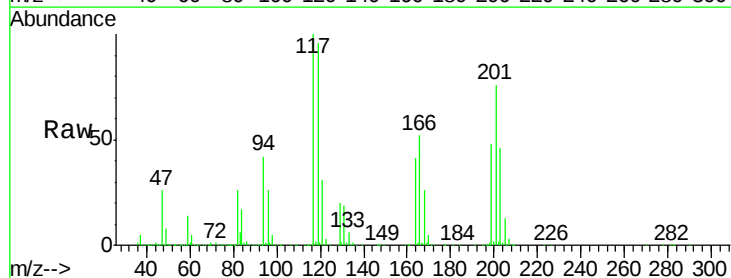
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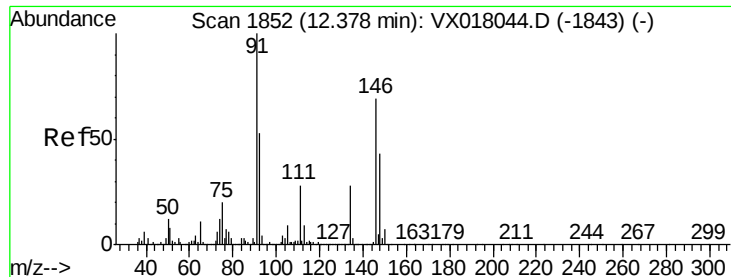
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#90
Hexachloroethane
Concen: 46.860 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.0	38.5	115.3





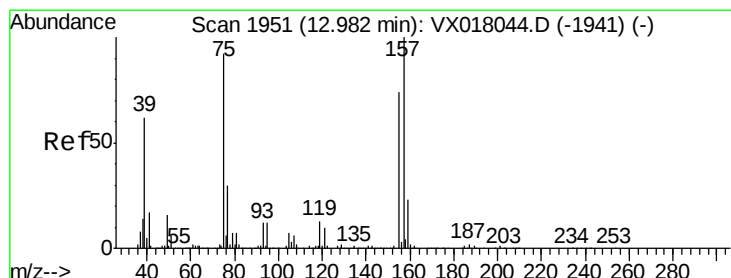
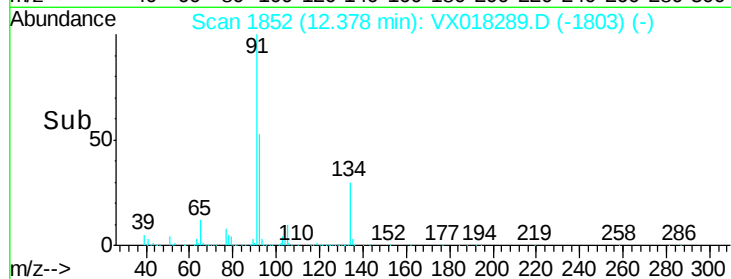
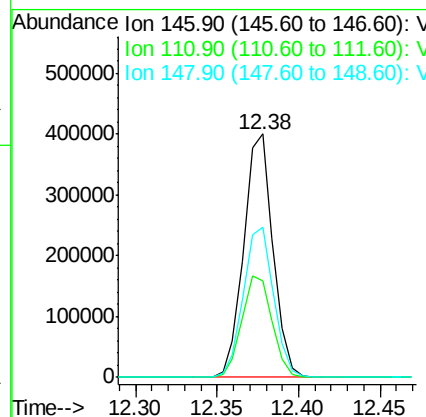
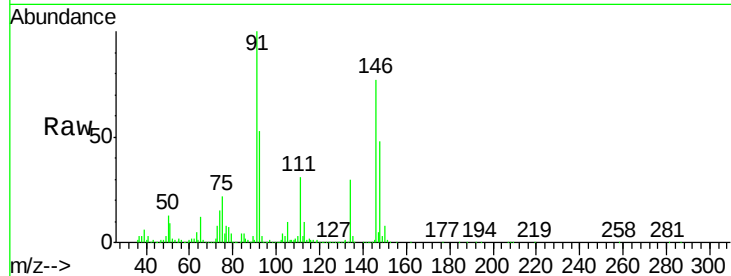
#91
 1,2-Dichlorobenzene
 Concen: 43.596 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	501098		
111	43.0	20.8	62.5	
148	63.8	31.6	95.0	

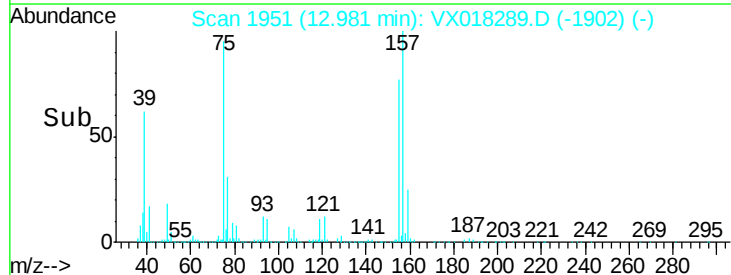
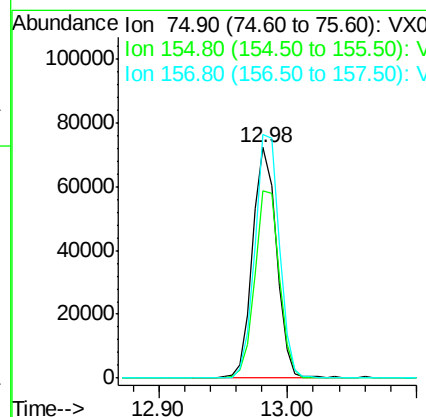
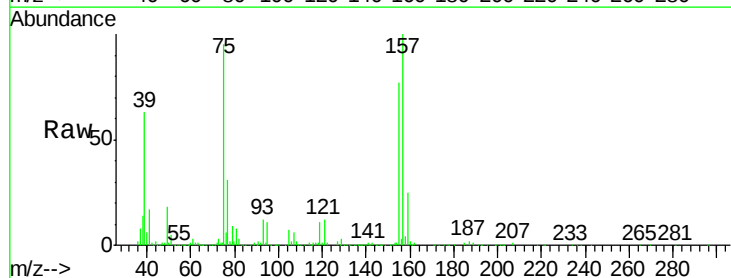
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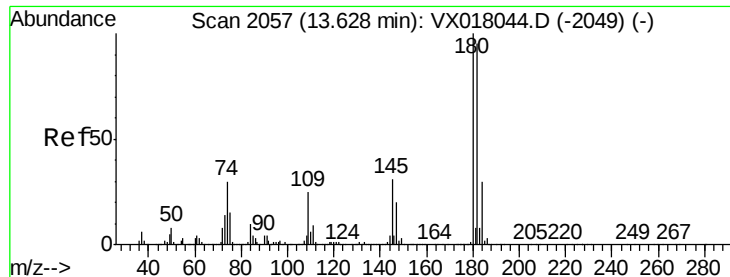
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.690 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	92521		
155	82.2	40.2	120.6	
157	106.8	55.0	165.2	





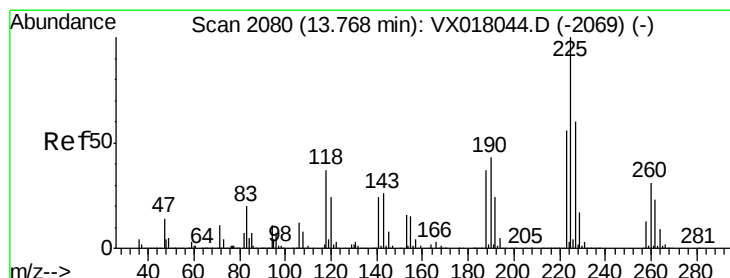
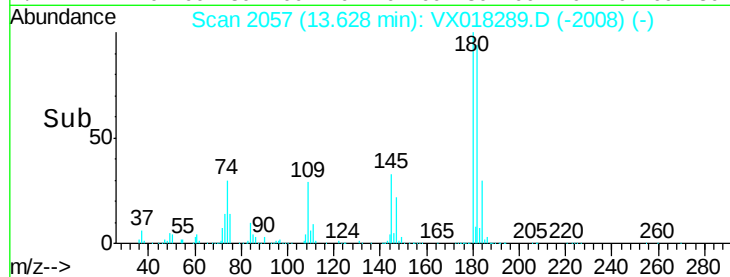
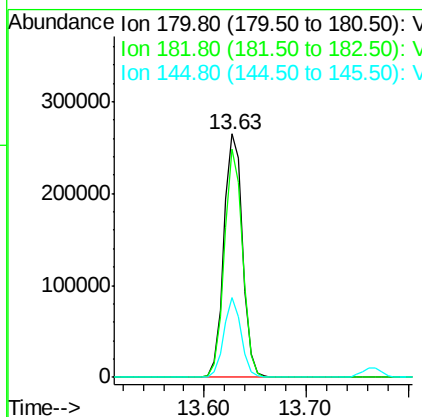
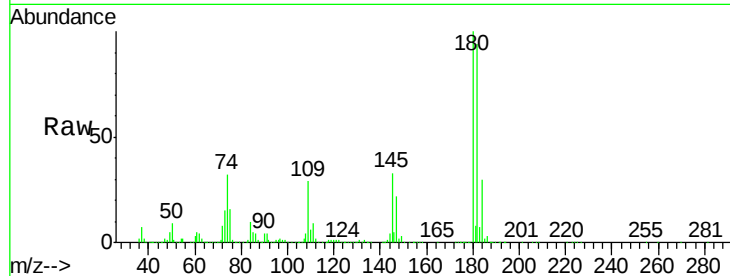
#93
 1,2,4-Trichlorobenzene
 Concen: 43.702 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	334955		
182	91.2	47.5	142.6	
145	30.8	15.7	47.1	

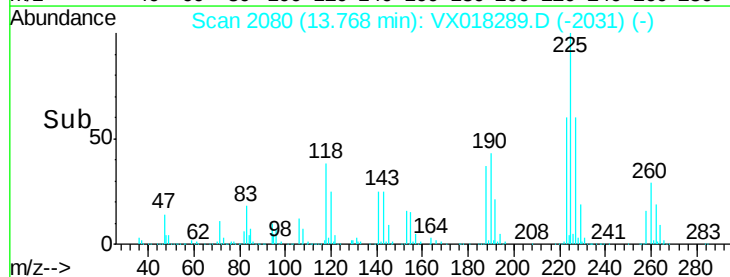
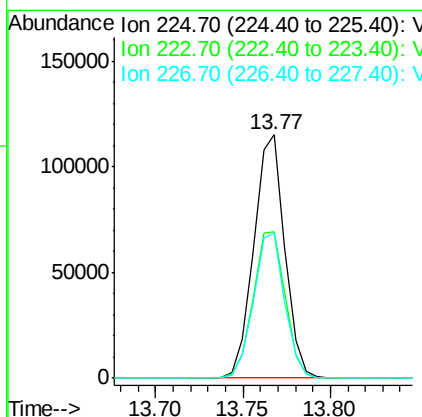
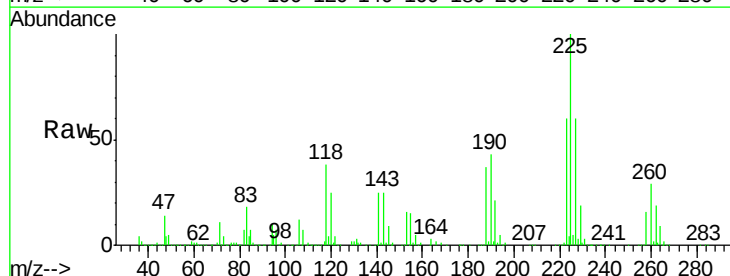
Manual Integrations
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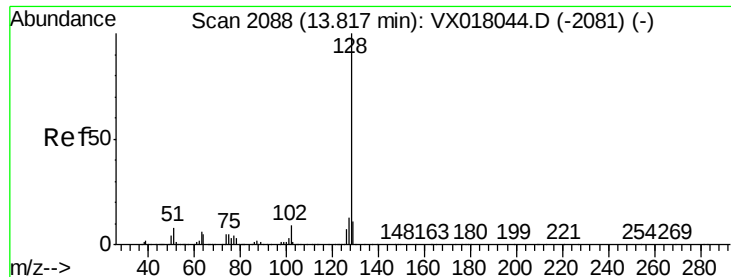
MMDadoda
 9/9/2020 8:48:11 PM



#94
 Hexachlorobutadiene
 Concen: 46.550 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	140728		
223	62.5	30.7	92.1	
227	60.2	32.6	97.8	





#95

Naphthalene

Concen: 42.254 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 1065847

Ion Ratio Lower Upper

128 100

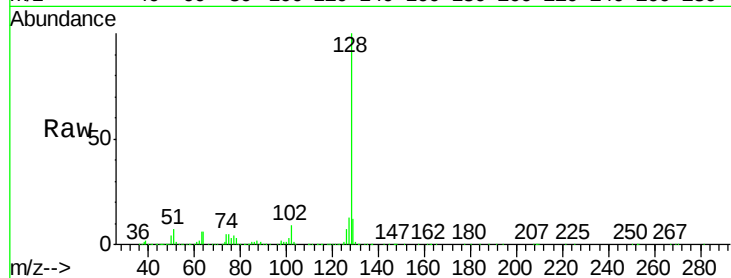
127 13.0 10.2 15.2

129 11.2 8.7 13.1

Manual Integrations
APPROVED

MMDadoda

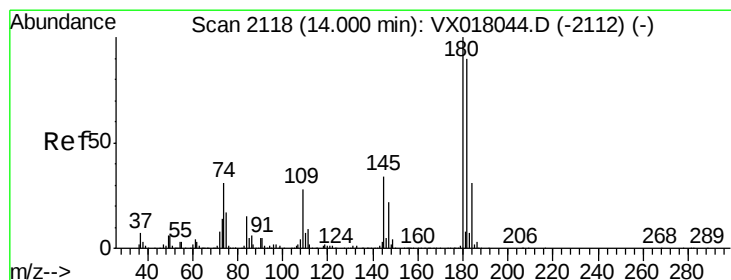
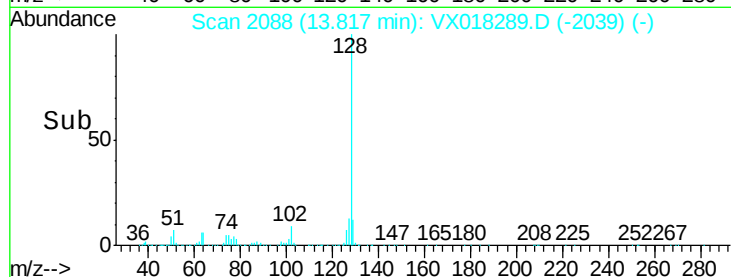
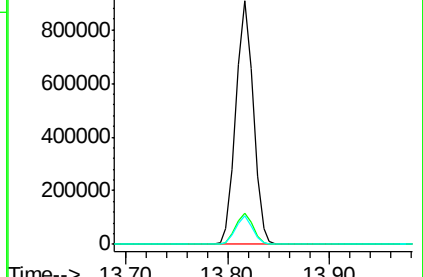
9/9/2020 8:48:11 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 43.733 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

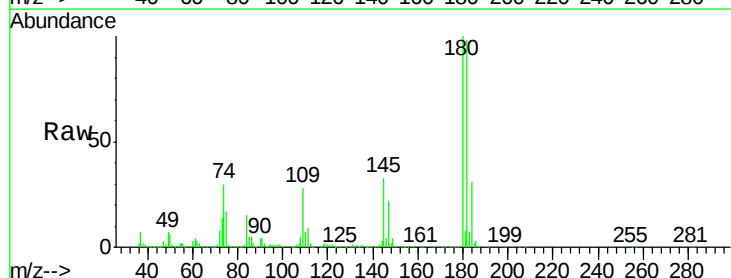
Tgt Ion:180 Resp: 331209

Ion Ratio Lower Upper

180 100

182 97.1 47.3 142.0

145 33.1 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

