

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041520\
 Data File : VX015674.D
 Acq On : 15 Apr 2020 11:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 11:03:45 AM

Quant Time: Apr 16 06:08:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1119835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1649741	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1499965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	822669	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	673227	42.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.26%	
35) Dibromofluoromethane	5.46	113	512536	48.60	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	8.70	98	1937958	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.12	95	775991	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	428699	43.452	ug/l	97
3) Chloromethane	1.31	50	512434	40.785	ug/l	97
4) Vinyl Chloride	1.39	62	526053	45.598	ug/l	100
5) Bromomethane	1.62	94	264653	49.720	ug/l	99
6) Chloroethane	1.71	64	325369	45.474	ug/l	99
7) Trichlorofluoromethane	1.92	101	715559	46.249	ug/l	99
8) Diethyl Ether	2.17	74	296573	45.446	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	482220	47.810	ug/l	97
10) Methyl Iodide	2.49	142	486544	35.779	ug/l	98
11) Tert butyl alcohol	3.01	59	661166	174.893	ug/l	99
12) 1,1-Dichloroethene	2.36	96	469921	44.448	ug/l	99
13) Acrolein	2.27	56	635237	294.982	ug/l	99
14) Allyl chloride	2.70	41	1011601	40.950	ug/l	98
15) Acrylonitrile	3.11	53	1476920	204.858	ug/l	100
16) Acetone	2.42	43	1343786	198.038	ug/l	99
17) Carbon Disulfide	2.55	76	1241221	38.485	ug/l	99
18) Methyl Acetate	2.75	43	728882	42.087	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1758742	42.892	ug/l	100
20) Methylene Chloride	2.83	84	531812	41.960	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	502402	42.818	ug/l	98
22) Diisopropyl ether	3.83	45	1933454	44.169	ug/l	89
23) Vinyl Acetate	3.78	43	8329986	210.176	ug/l	100
24) 1,1-Dichloroethane	3.67	63	977350	42.406	ug/l	99
25) 2-Butanone	4.63	43	2138510	195.969	ug/l	99
26) 2,2-Dichloropropane	4.55	77	867988	45.882	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	602268	44.366	ug/l	99
28) Bromochloromethane	4.98	49	483729	43.959	ug/l	94
29) Tetrahydrofuran	5.09	42	1366324	194.762	ug/l	99
30) Chloroform	5.18	83	978747	44.139	ug/l	96
31) Cyclohexane	5.55	56	886953	44.361	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	883507	44.027	ug/l	99
36) 1,1-Dichloropropene	5.77	75	734953	48.351	ug/l	98
37) Ethyl Acetate	4.79	43	839213	42.401	ug/l	100
38) Carbon Tetrachloride	5.75	117	784035	47.622	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	895225	51.079	ug/l	98
40) Benzene	6.11	78	2140372	48.070	ug/l	98
41) Methacrylonitrile	5.00	41	487618	44.381	ug/l	98
42) 1,2-Dichloroethane	6.16	62	824419	46.095	ug/l	99
43) Isopropyl Acetate	6.41	43	1456917	43.606	ug/l	99
44) Trichloroethene	7.18	130	603375	49.687	ug/l	96
45) 1,2-Dichloropropane	7.49	63	572267	46.981	ug/l	100
46) Dibromomethane	7.64	93	371940	46.549	ug/l	95
47) Bromodichloromethane	7.87	83	792442	46.544	ug/l	98
48) Methyl methacrylate	7.75	41	735222	44.055	ug/l	98
49) 1,4-Dioxane	7.72	88	278174	893.518	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4234355	223.628	ug/l	99
52) Toluene	8.76	92	1354383	49.337	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	914142	45.780	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	965814	47.482	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	551469	49.032	ug/l	95
56) Ethyl methacrylate	9.16	69	911822	46.002	ug/l	96
57) 1,3-Dichloropropane	9.36	76	943247	46.548	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2264861	234.912	ug/l	99
59) 2-Hexanone	9.47	43	3159746	221.032	ug/l	99
60) Dibromochloromethane	9.56	129	651447	48.202	ug/l	99
61) 1,2-Dibromoethane	9.65	107	588727	48.140	ug/l	100
64) Tetrachloroethene	9.32	164	580638	51.294	ug/l	97
65) Chlorobenzene	10.12	112	1504988	50.311	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	586734	49.096	ug/l	99
67) Ethyl Benzene	10.23	91	2659432	50.126	ug/l	98
68) m/p-Xylenes	10.34	106	2009950	101.739	ug/l	97
69) o-Xylene	10.68	106	984785	50.445	ug/l	97
70) Styrene	10.70	104	1724912	50.212	ug/l	98
71) Bromoform	10.84	173	518358	47.647	ug/l #	99
73) Isopropylbenzene	11.00	105	2673967	49.607	ug/l	99
74) N-amyl acetate	10.88	43	1248123	41.632	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	825903	44.653	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	781929m	46.220	ug/l	
77) Bromobenzene	11.24	156	707283	49.192	ug/l	95
78) n-propylbenzene	11.34	91	3014968	48.915	ug/l	98
79) 2-Chlorotoluene	11.40	91	1802674	47.717	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2263214	49.163	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	294304	41.742	ug/l	99
82) 4-Chlorotoluene	11.49	91	2138041	48.276	ug/l	99
83) tert-Butylbenzene	11.76	119	2271162	50.508	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2311517	49.274	ug/l	99
85) sec-Butylbenzene	11.93	105	2658829	51.126	ug/l	100
86) p-Isopropyltoluene	12.05	119	2496768	51.715	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1318604	51.229	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1328388	50.667	ug/l	99
89) n-Butylbenzene	12.37	91	2238835	51.316	ug/l	99
90) Hexachloroethane	12.58	117	439772	46.800	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	1297066	51.492	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	199475	38.211	ug/l	92

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ClientSampleId :
VSTDCCC050

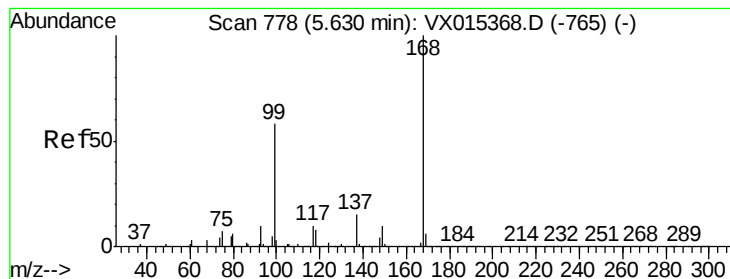
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	998622	50.120	ug/l	96
94) Hexachlorobutadiene	13.77	225	499494	52.654	ug/l	98
95) Naphthalene	13.82	128	2951399	48.561	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1023425	53.350	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 1119835

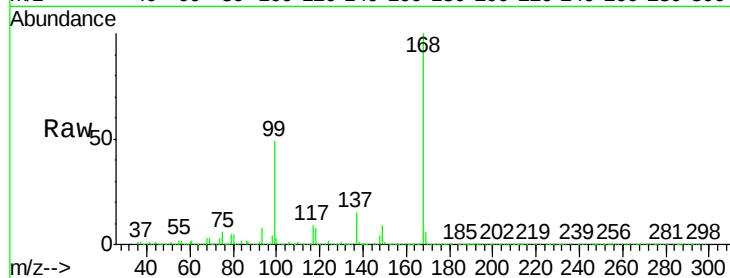
Ion Ratio Lower Upper

168 100

99 48.6 46.4 69.6

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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

400000

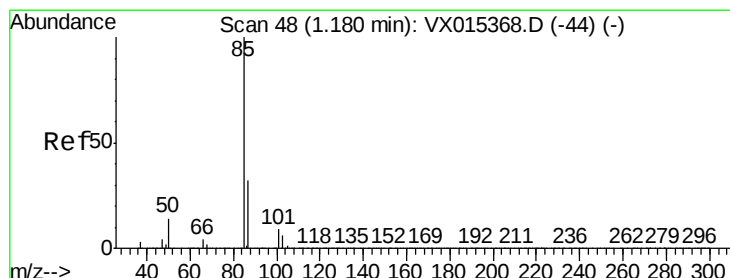
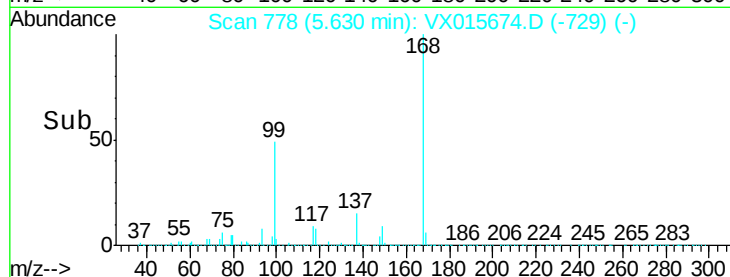
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.452 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015674.D

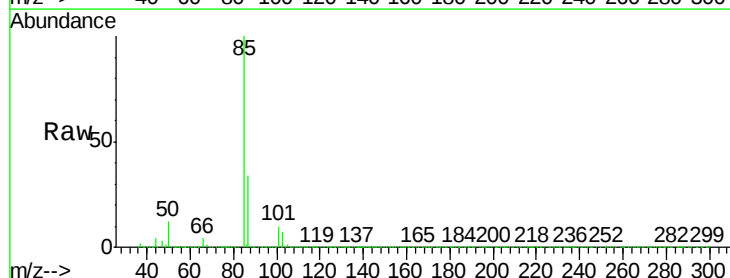
Acq: 15 Apr 2020 11:18

Tgt Ion: 85 Resp: 428699

Ion Ratio Lower Upper

85 100

87 33.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

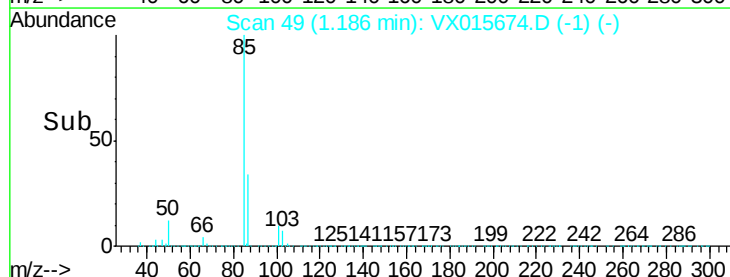
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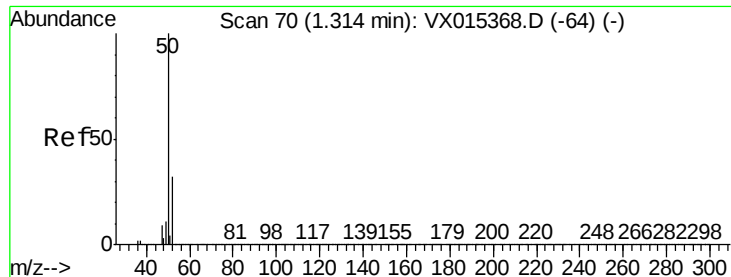
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100000

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Time-->





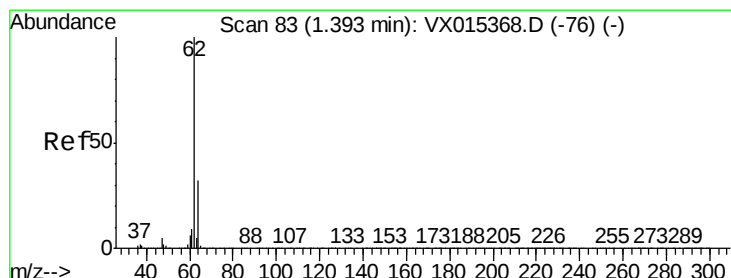
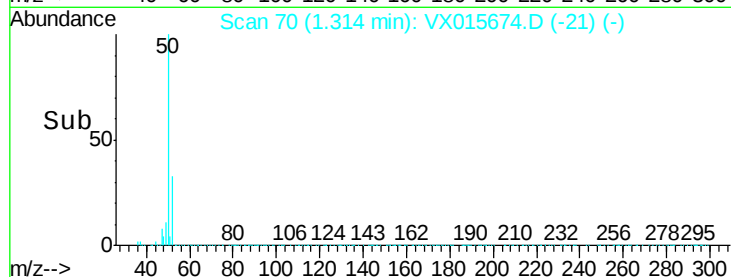
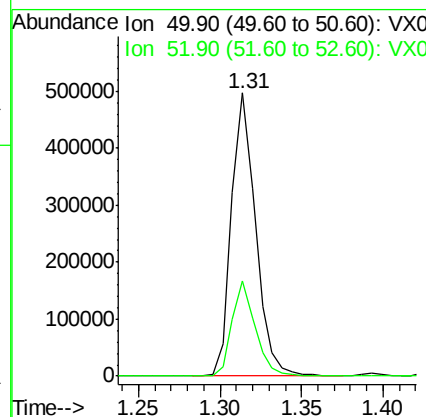
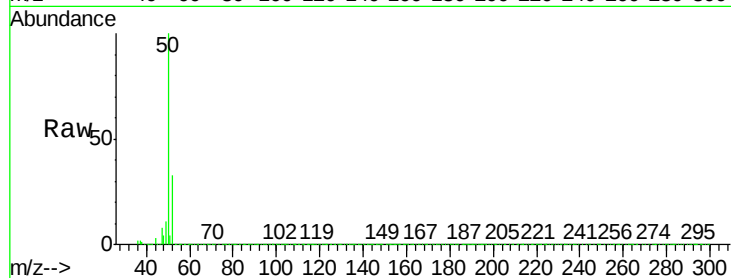
#3
Chloromethane
Concen: 40.785 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.5	25.3	37.9

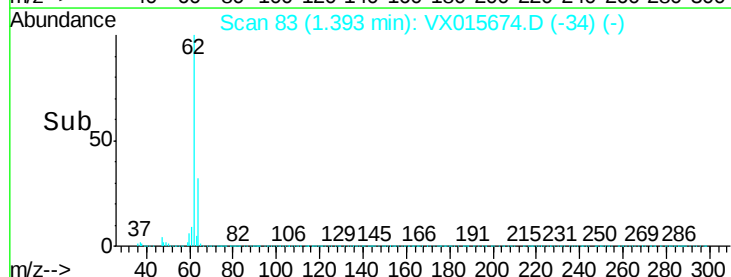
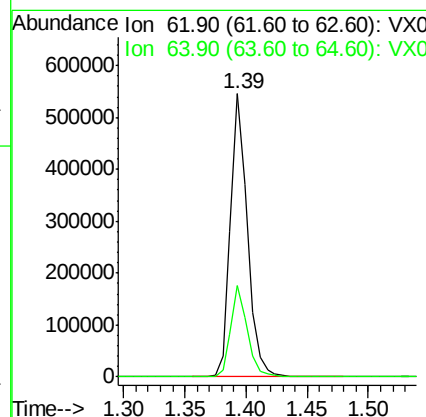
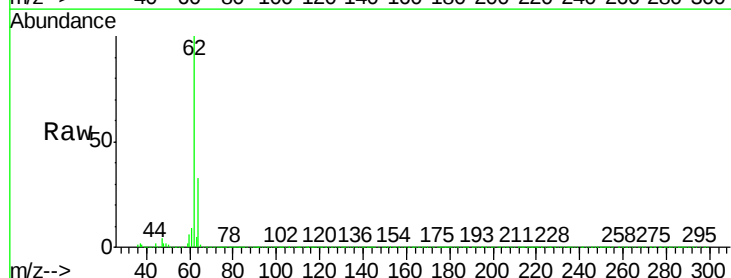
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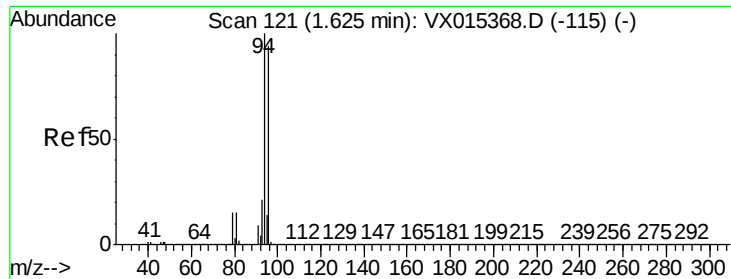
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#4
Vinyl Chloride
Concen: 45.598 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.4	26.0	39.0





#5

Bromomethane

Concen: 49.720 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 264653

Ion Ratio Lower Upper

94 100

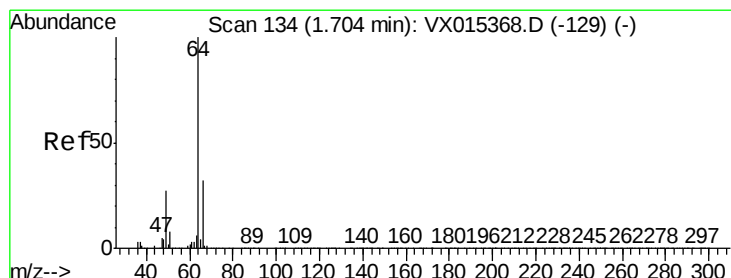
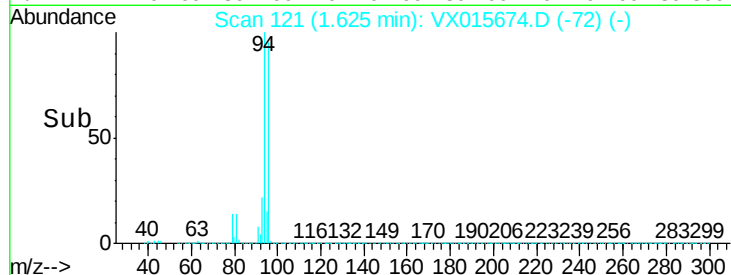
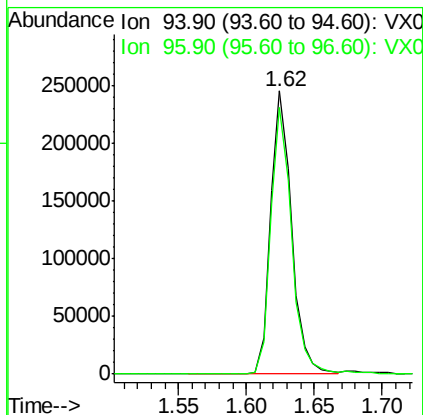
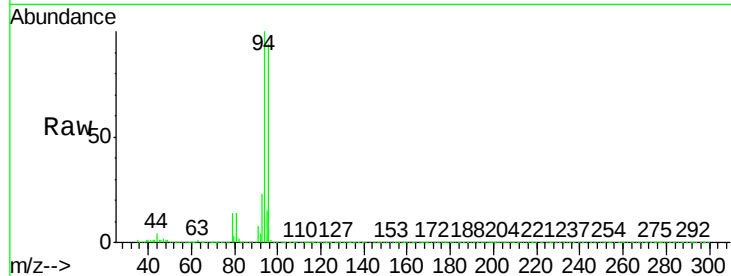
96 94.5 74.8 112.2

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#6

Chloroethane

Concen: 45.474 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015674.D

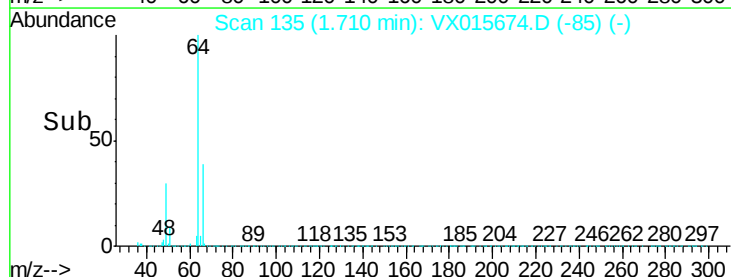
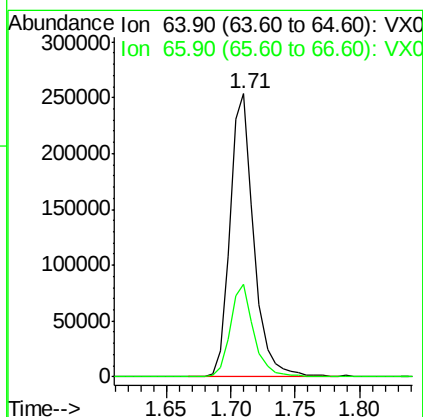
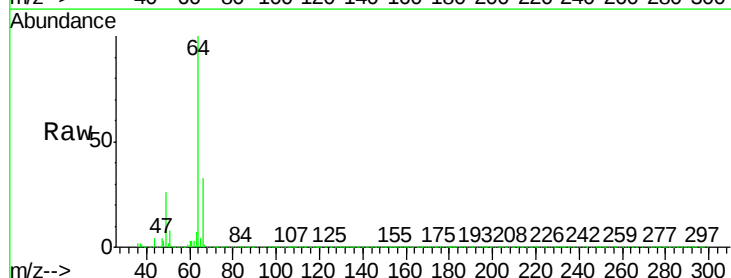
Acq: 15 Apr 2020 11:18

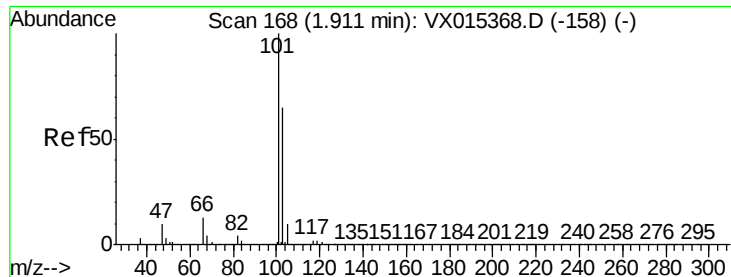
Tgt Ion: 64 Resp: 325369

Ion Ratio Lower Upper

64 100

66 32.5 25.4 38.2





#7

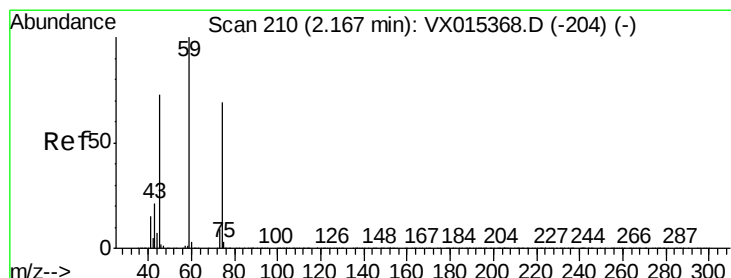
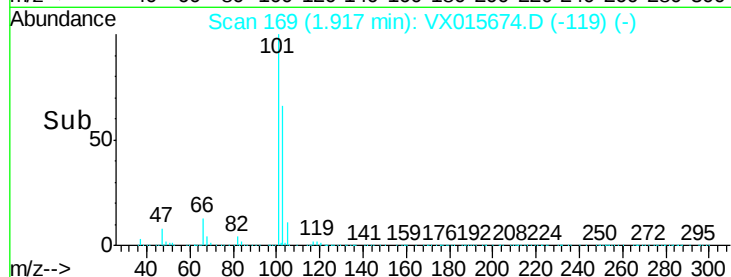
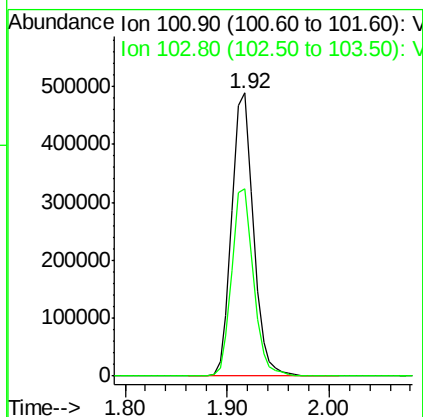
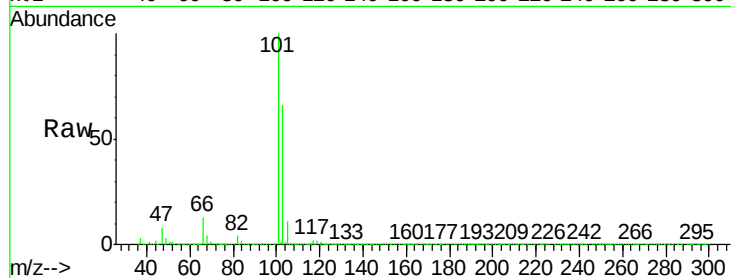
Trichlorofluoromethane
Concen: 46.249 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.3	78.5

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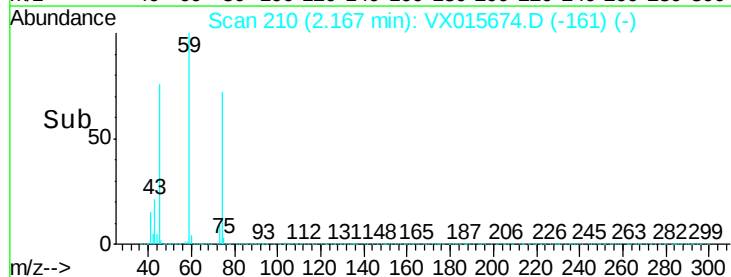
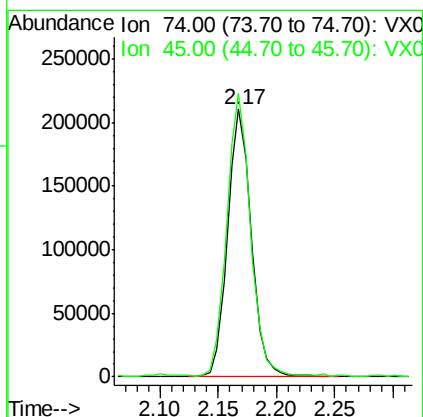
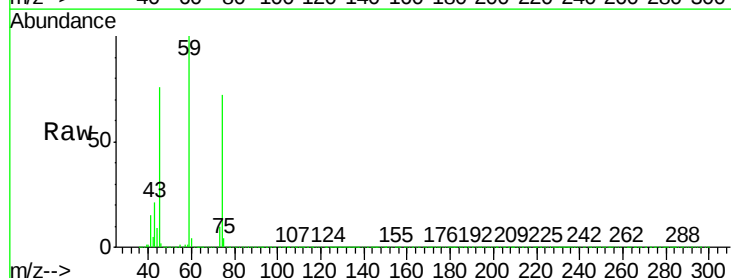
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#8

Diethyl Ether
Concen: 45.446 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.4	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.810 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

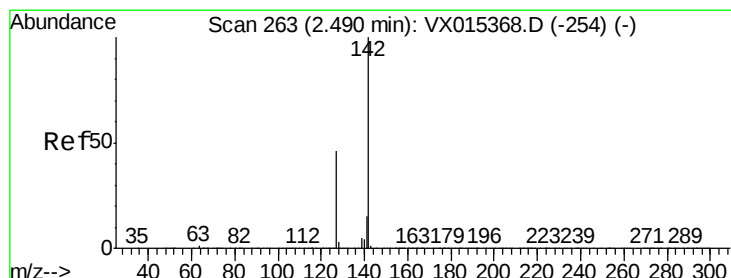
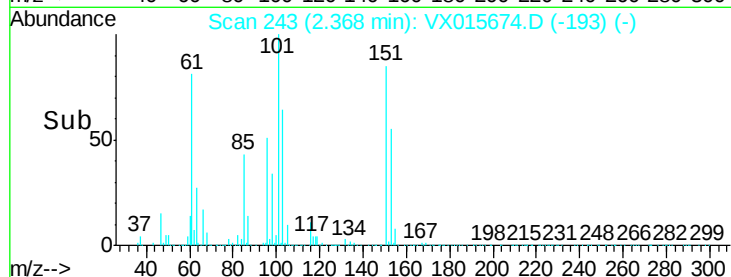
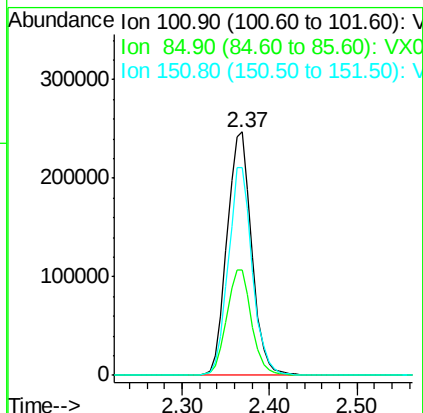
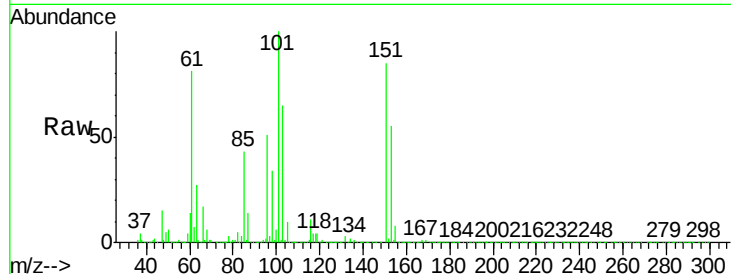
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	482220
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.0	52.4
151	83.7	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 35.779 ug/l

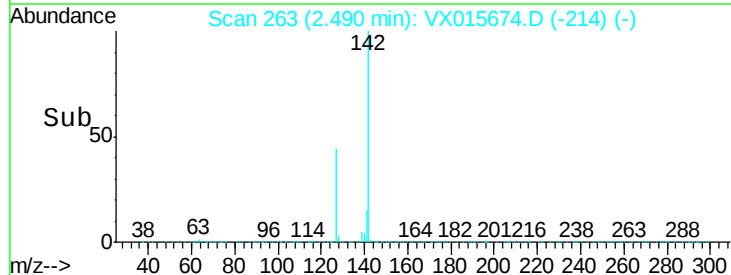
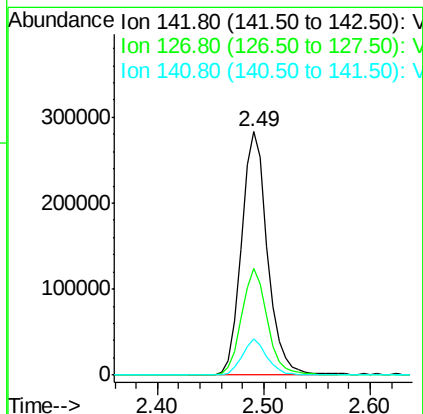
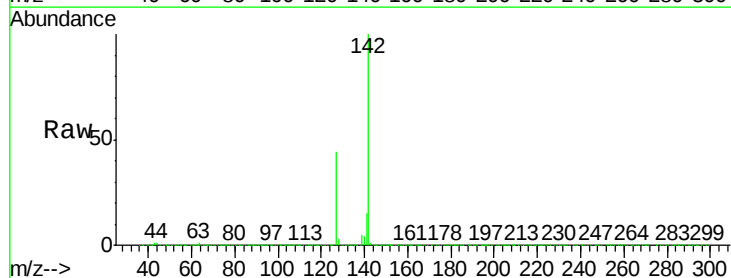
RT: 2.49 min Scan# 263

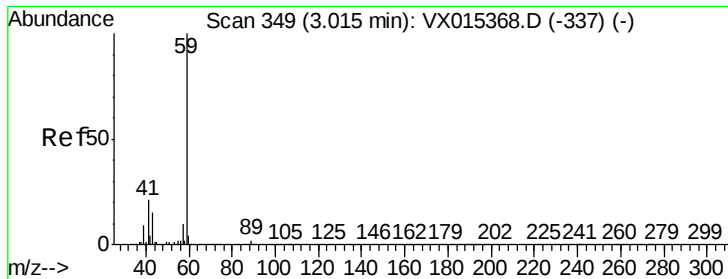
Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Tgt Ion:	142	Resp:	486544
Ion Ratio	Lower	Upper	
142	100		
127	43.2	35.9	53.9
141	14.3	11.6	17.4





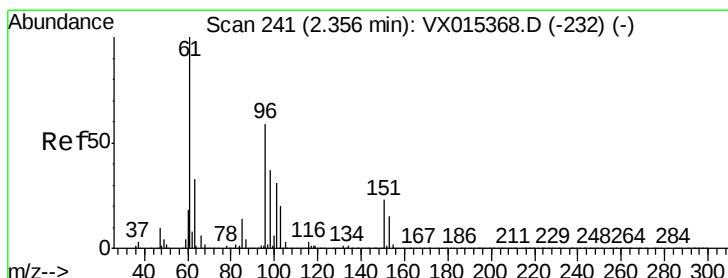
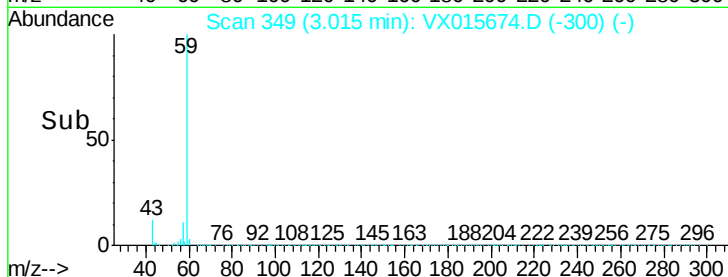
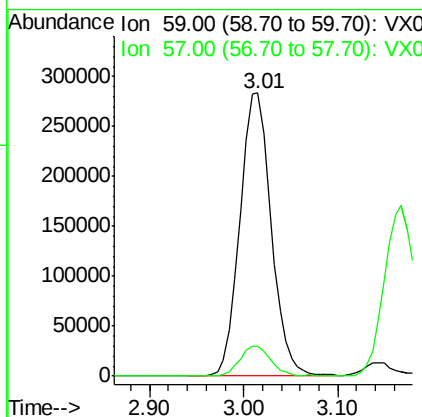
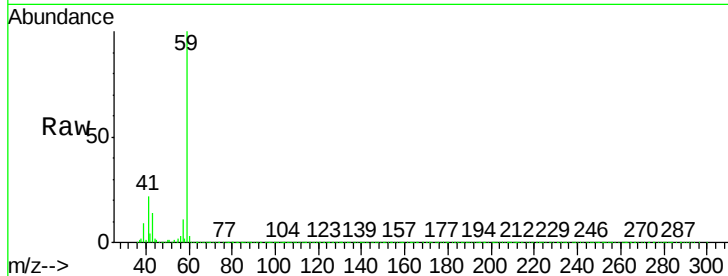
#11
Tert butyl alcohol
Concen: 174.893 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.1	12.1

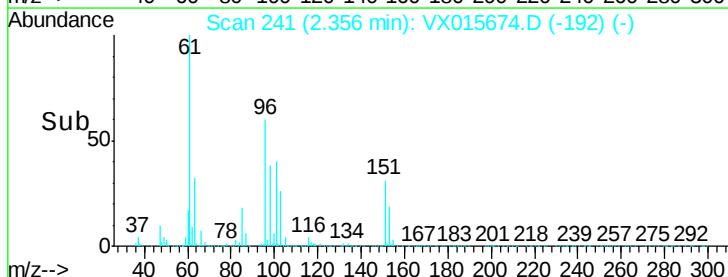
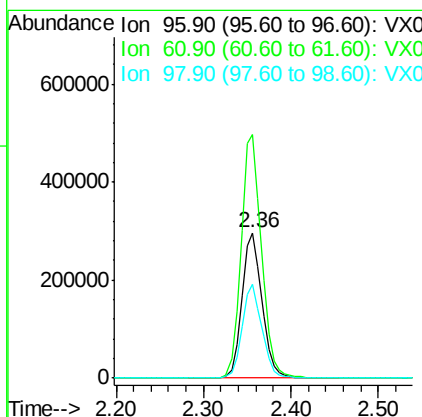
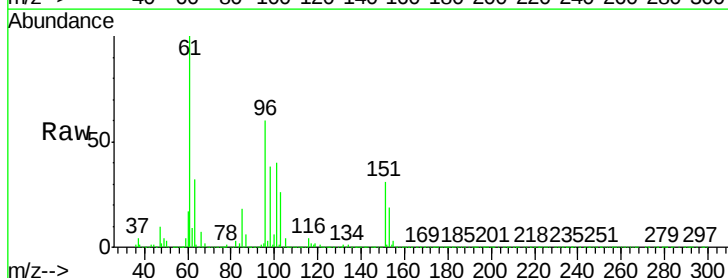
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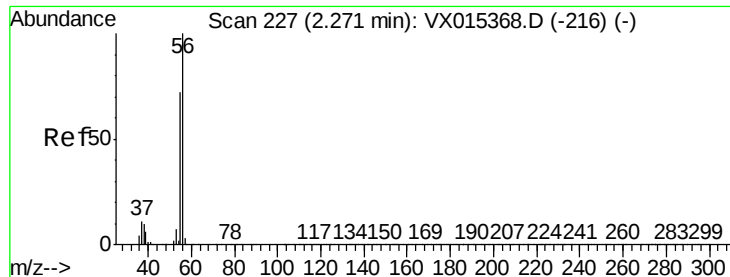
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#12
1,1-Dichloroethene
Concen: 44.448 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.7	135.7	203.5
98	64.3	50.6	75.8





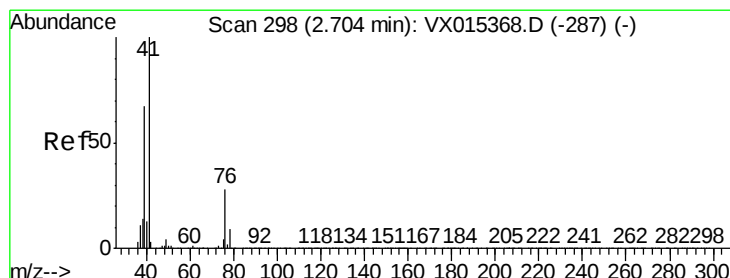
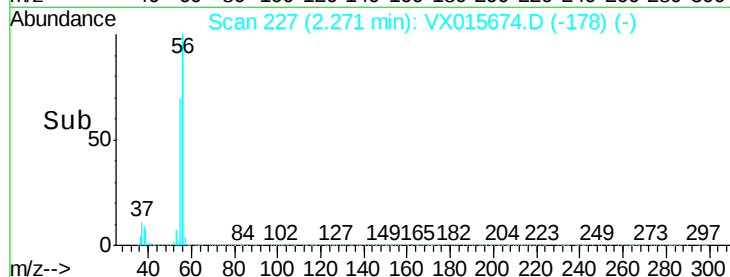
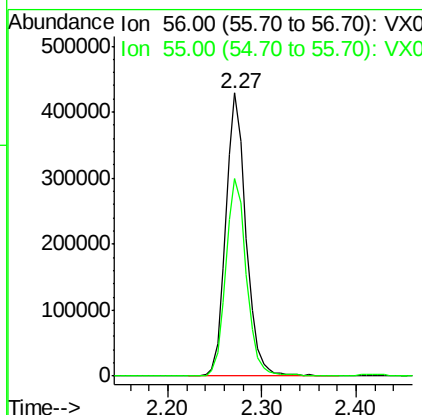
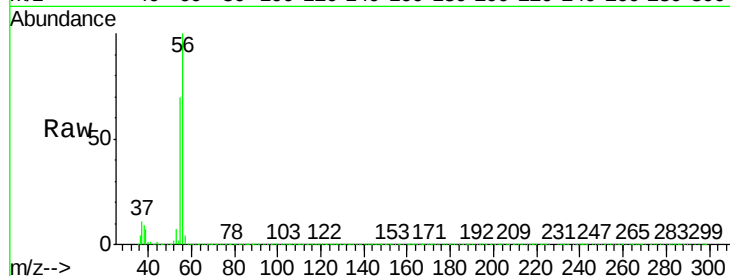
#13
Acrolein
Concen: 294.982 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.8	57.0	85.4

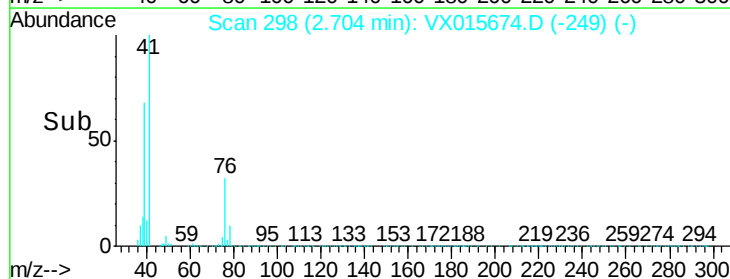
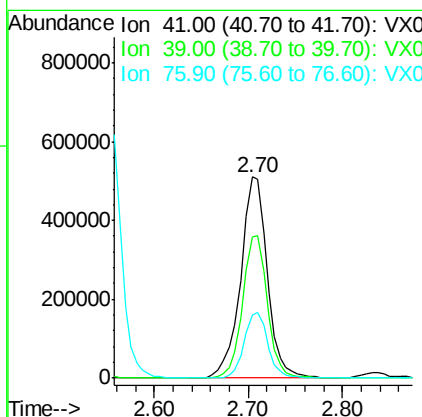
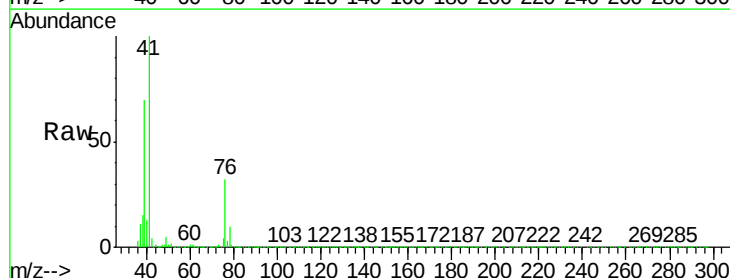
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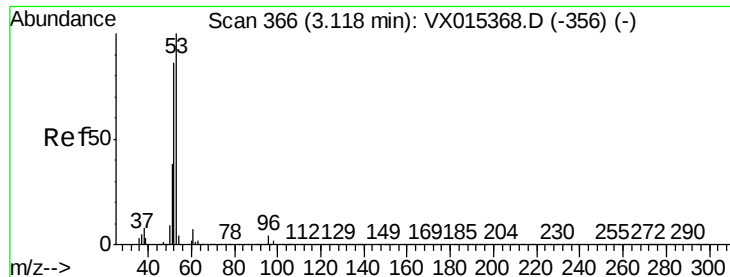
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#14
Allyl chloride
Concen: 40.950 ug/l
RT: 2.70 min Scan# 298
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.7	51.4	77.0
76	29.2	21.8	32.8





#15

Acrylonitrile

Concen: 204.858 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1476920

Ion Ratio Lower Upper

53 100

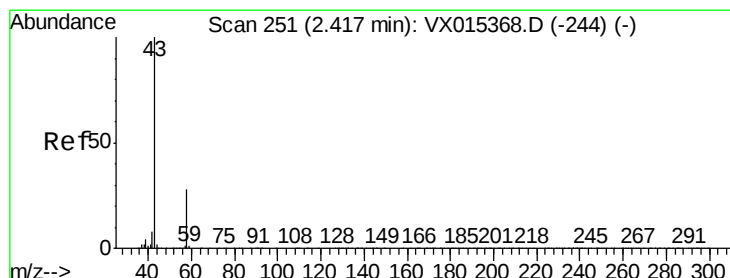
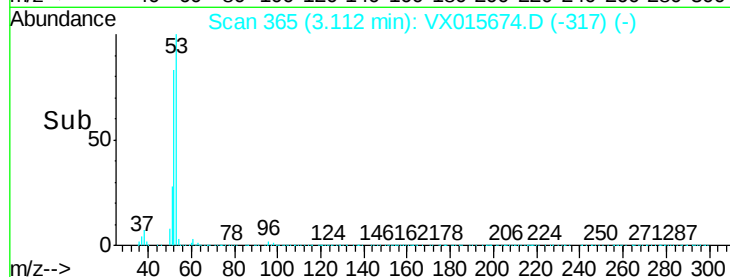
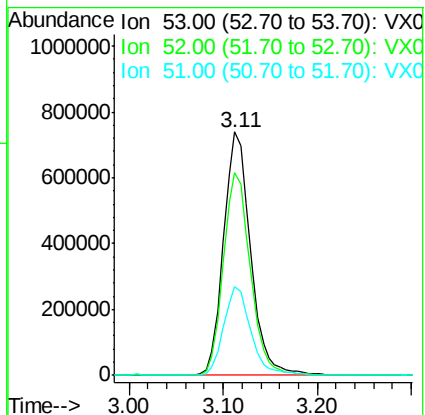
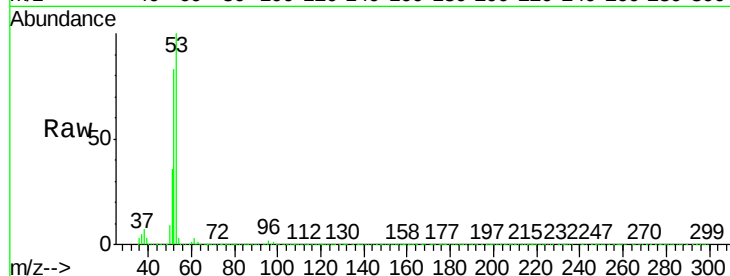
52 83.3 66.8 100.2

51 36.6 29.5 44.3

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#16

Acetone

Concen: 198.038 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015674.D

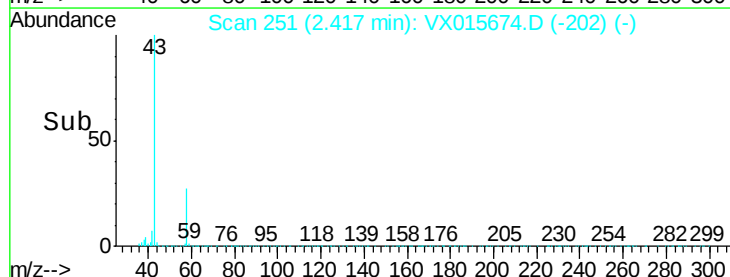
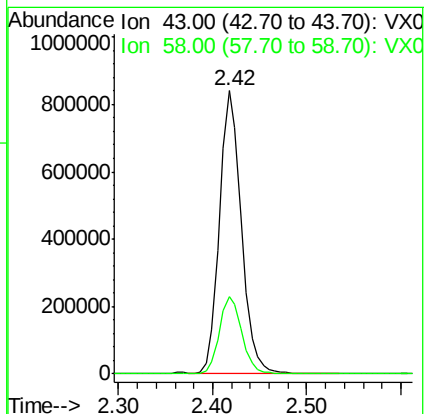
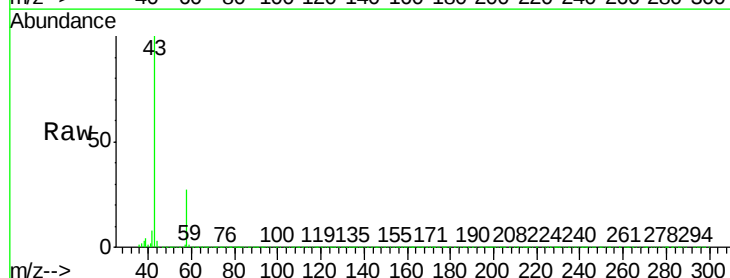
Acq: 15 Apr 2020 11:18

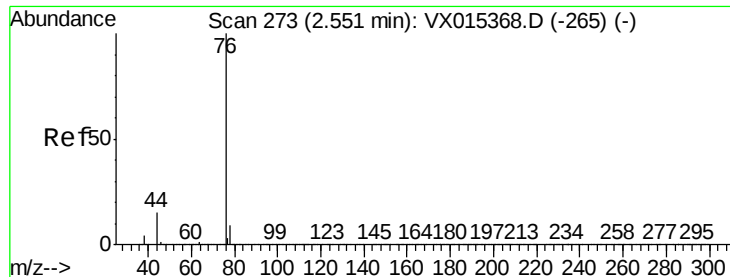
Tgt Ion: 43 Resp: 1343786

Ion Ratio Lower Upper

43 100

58 27.3 22.1 33.1





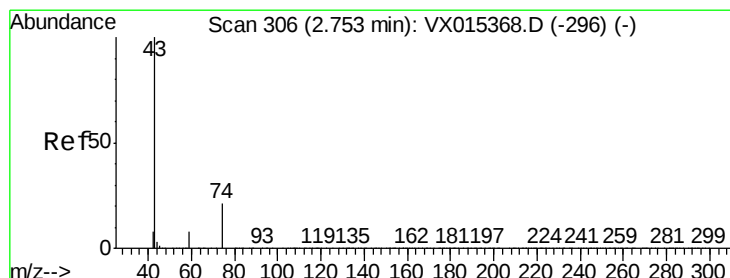
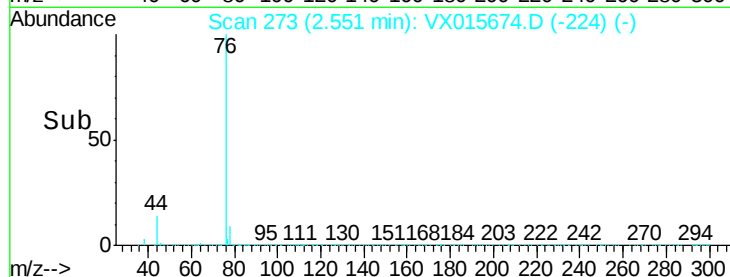
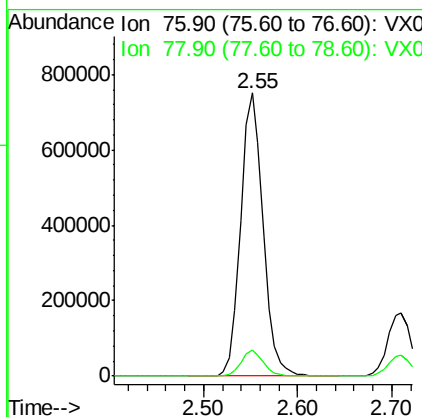
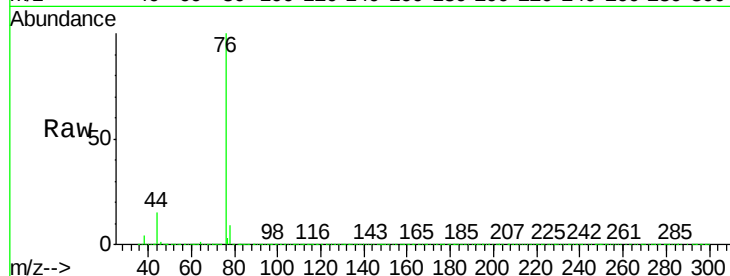
#17
Carbon Disulfide
Concen: 38.485 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

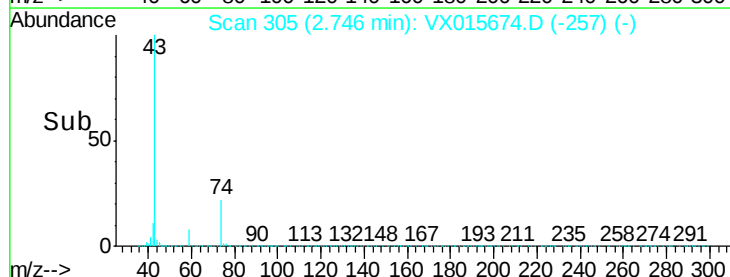
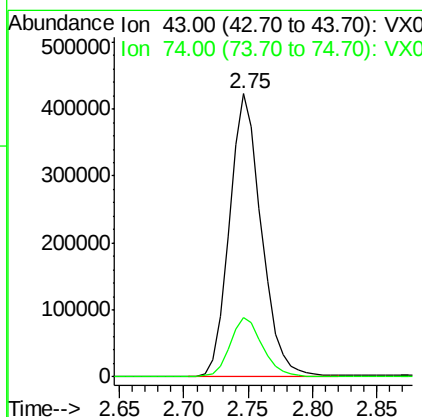
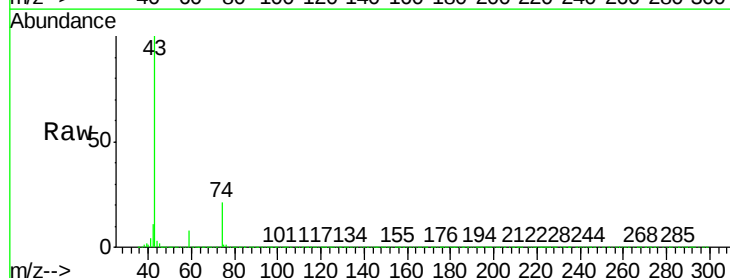
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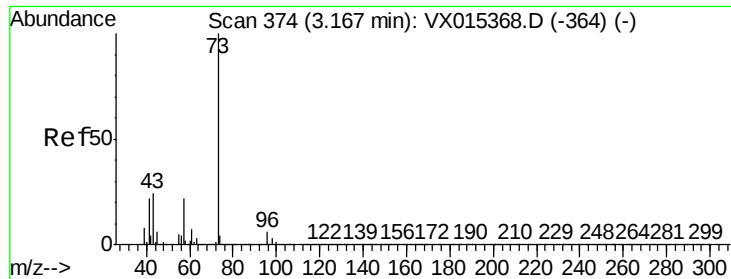
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#18
Methyl Acetate
Concen: 42.087 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	16.5	24.7





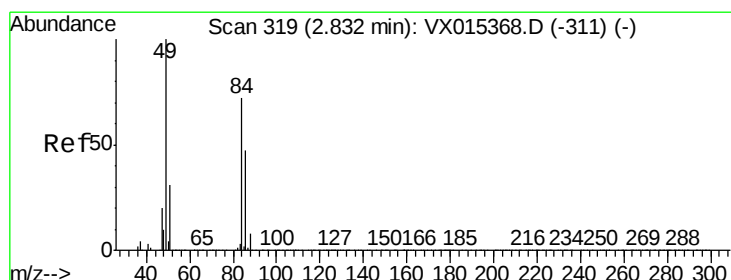
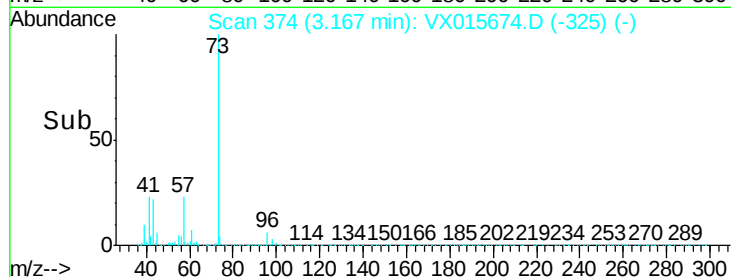
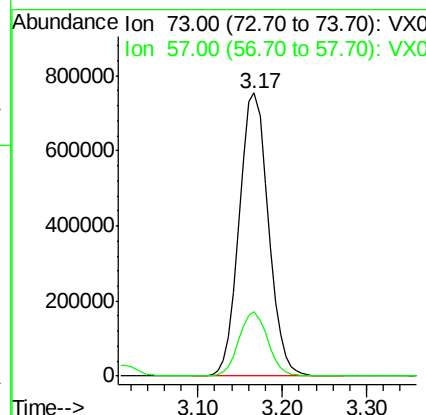
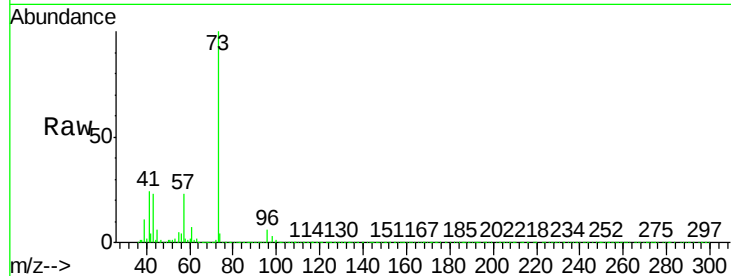
#19
Methvl tert-butvl Ether
Concen: 42.892 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1758742
Ion Ratio Lower Upper
73 100
57 22.6 17.9 26.9

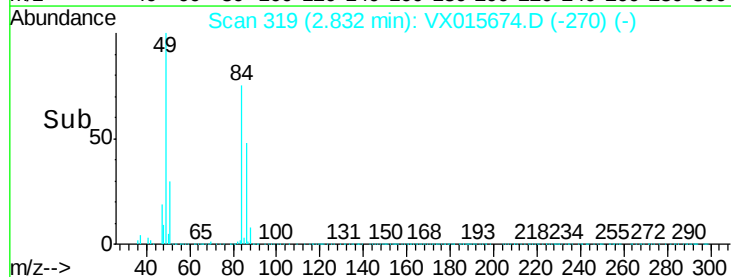
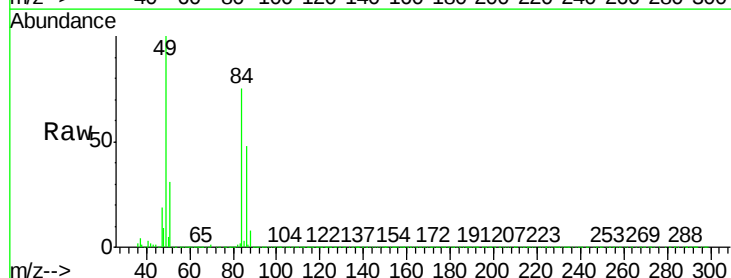
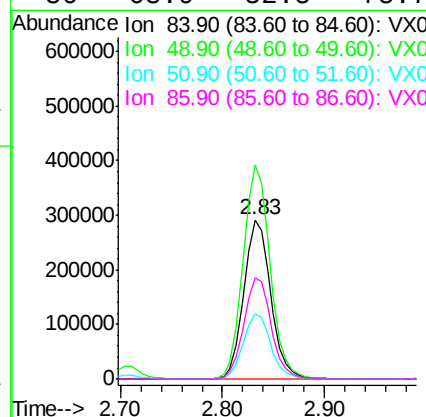
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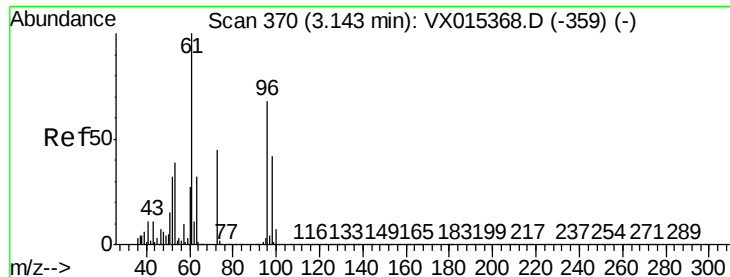
MMDadoda
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#20
Methylene Chloride
Concen: 41.960 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion: 84 Resp: 531812
Ion Ratio Lower Upper
84 100
49 134.0 111.3 166.9
51 40.9 34.0 51.0
86 63.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 42.818 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

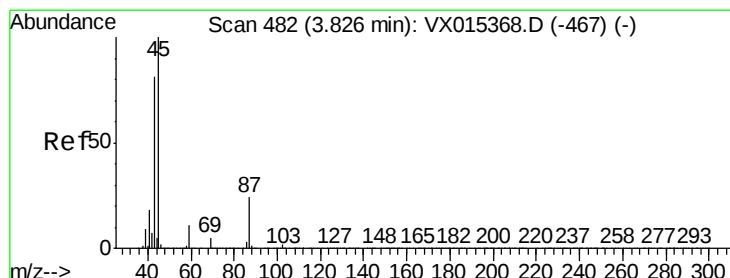
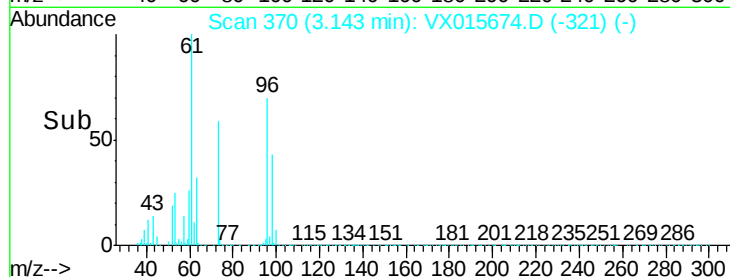
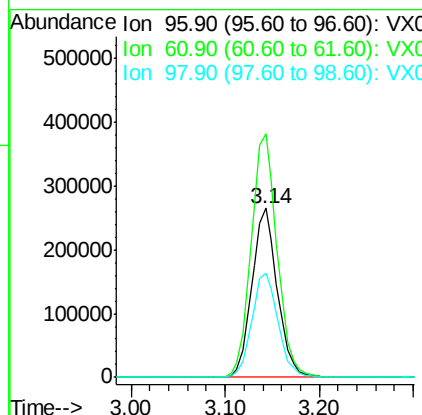
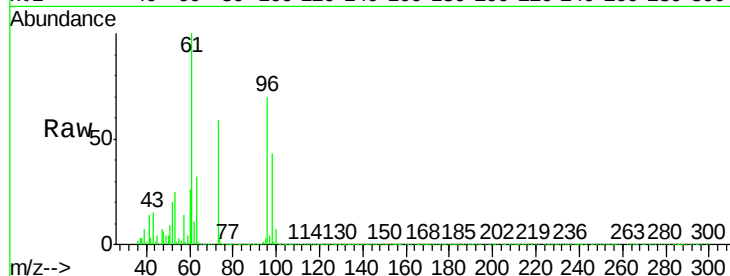
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	502402
Ion Ratio	Lower	Upper	
96	100		
61	143.6	116.9	175.3
98	61.3	48.6	73.0

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#22

Diisopropyl ether

Concen: 44.169 ug/l

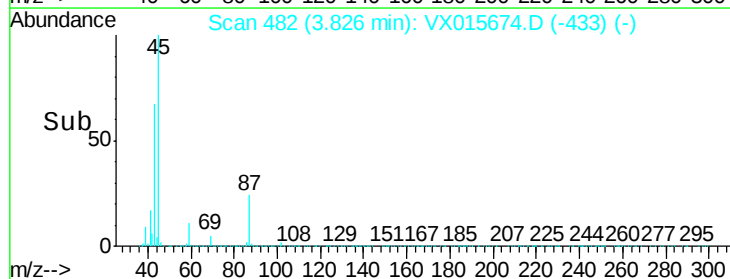
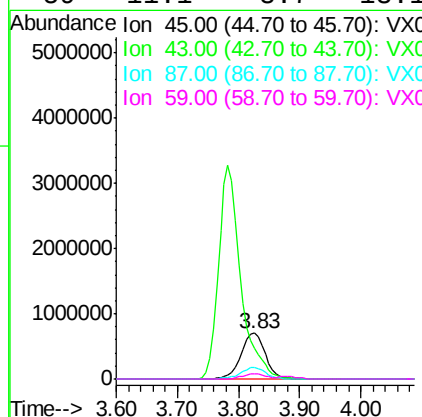
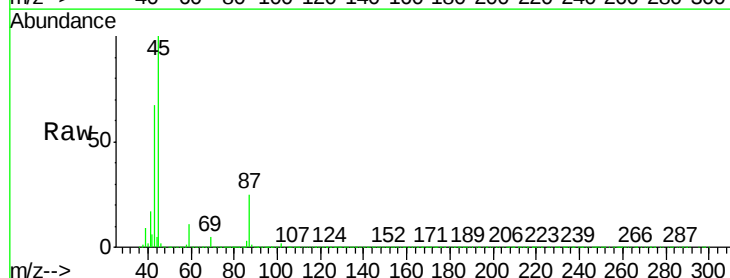
RT: 3.83 min Scan# 482

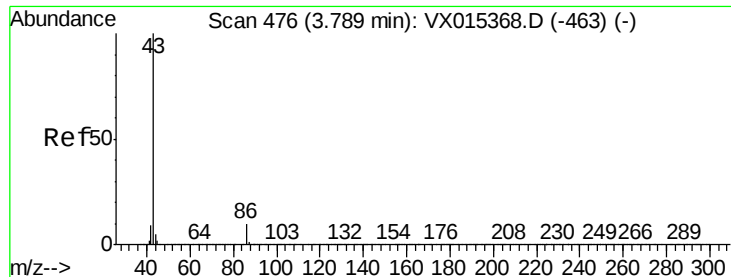
Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Tgt Ion:	45	Resp:	1933454
Ion Ratio	Lower	Upper	
45	100		
43	67.4	64.7	97.1
87	24.5	19.4	29.0
59	11.1	8.7	13.1





#23

Vinyl Acetate

Concen: 210.176 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 8329986

Ion Ratio Lower Upper

43 100

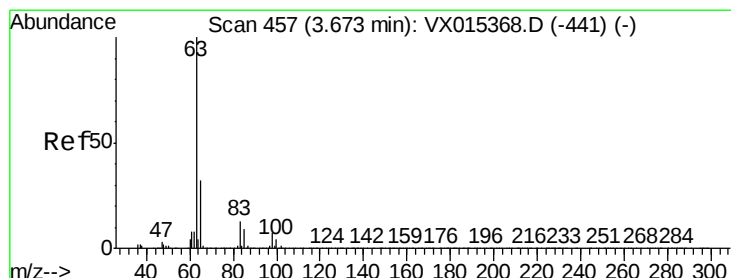
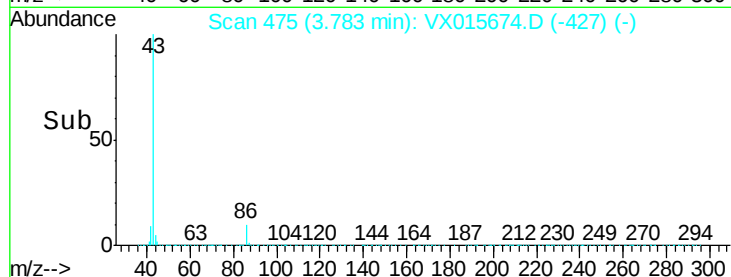
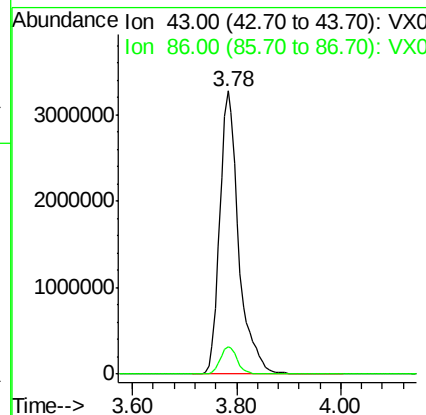
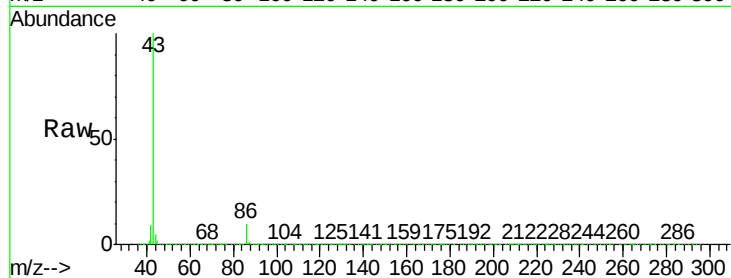
86 9.8 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 42.406 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

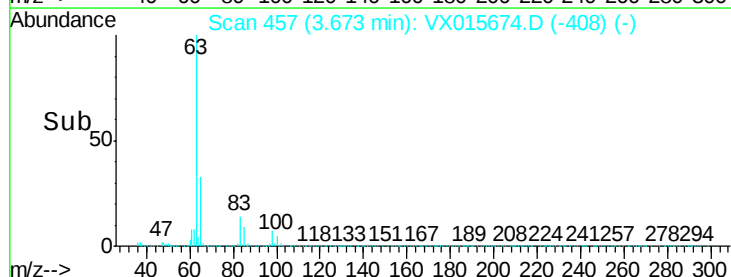
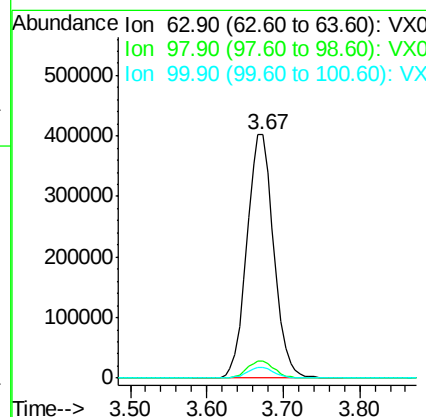
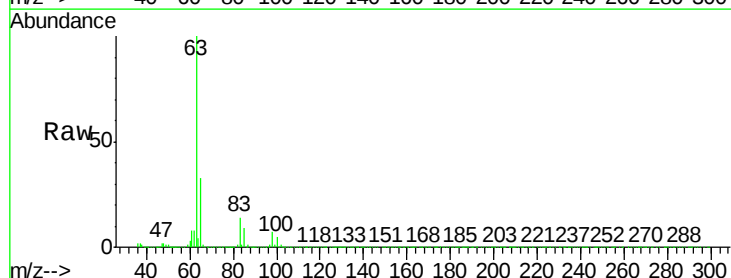
Tgt Ion: 63 Resp: 977350

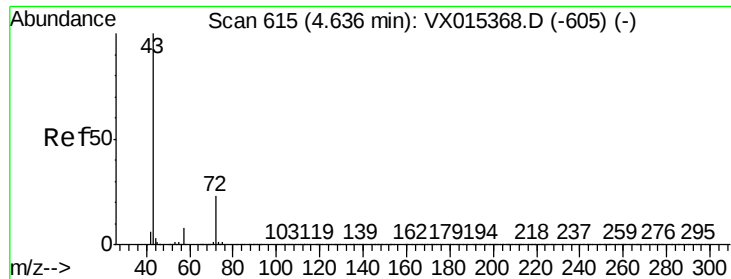
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 195.969 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Tot Ion: 43 Resp: 2138510

Ion Ratio Lower Upper

43 100

72 23.2 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

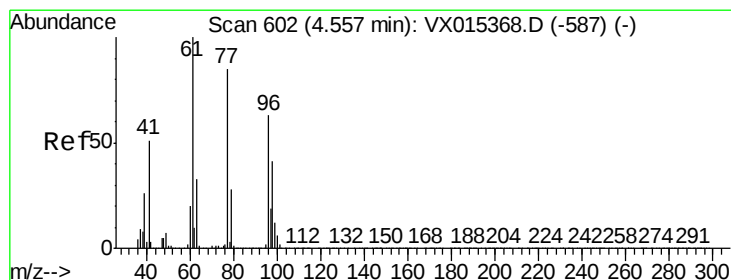
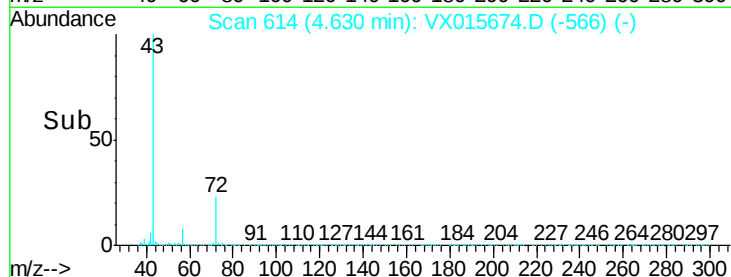
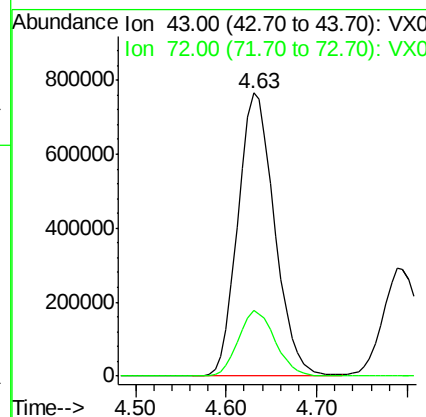
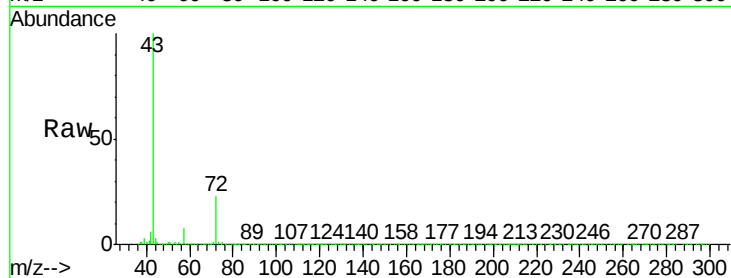
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 45.882 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015674.D

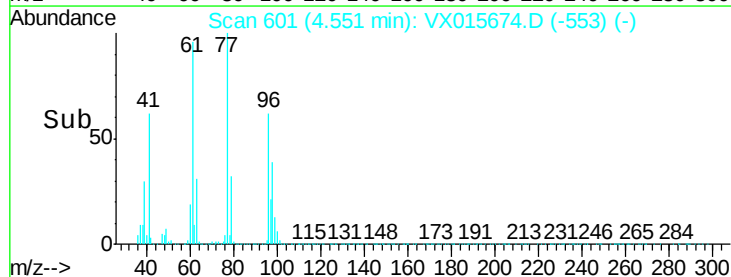
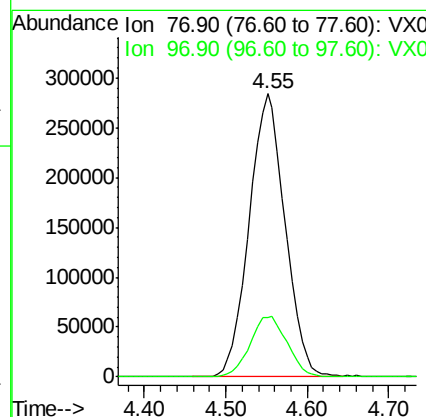
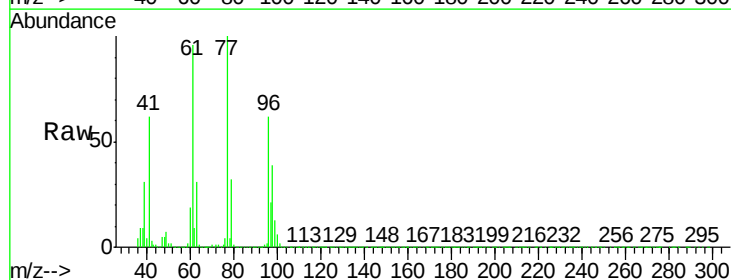
Acq: 15 Apr 2020 11:18

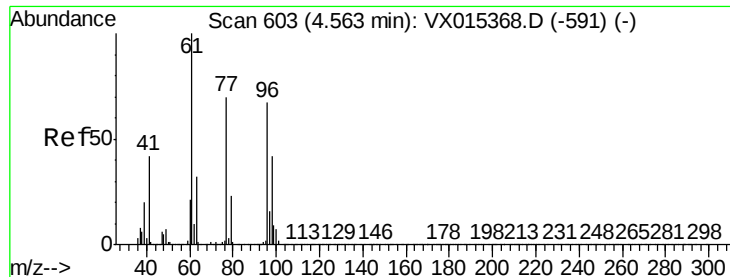
Tgt Ion: 77 Resp: 867988

Ion Ratio Lower Upper

77 100

97 22.0 11.3 33.8





#27

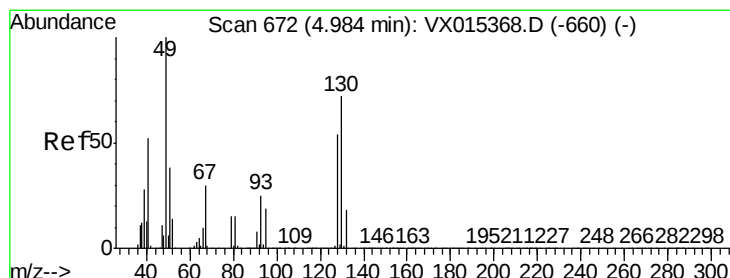
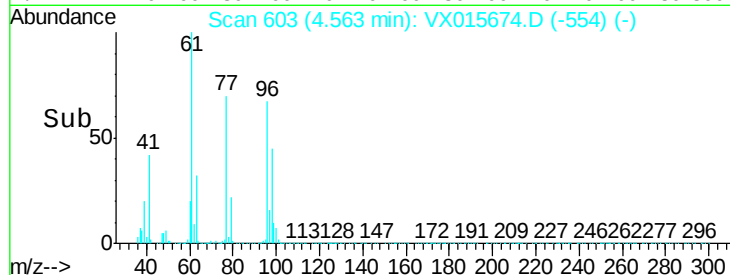
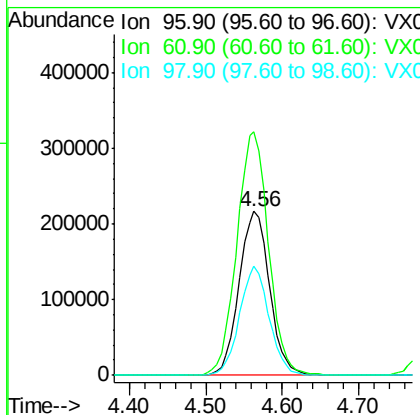
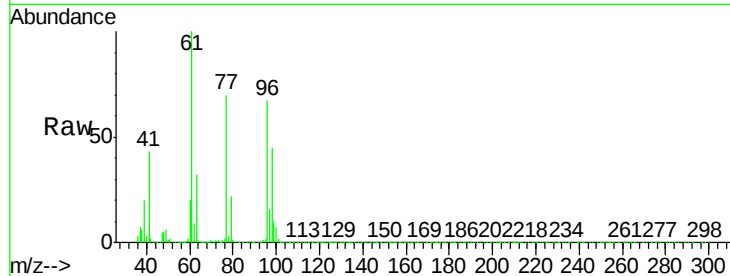
cis-1,2-Dichloroethene
Concen: 44.366 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	602268		
61	152.9	0.0	308.4	
98	63.9	0.0	129.2	

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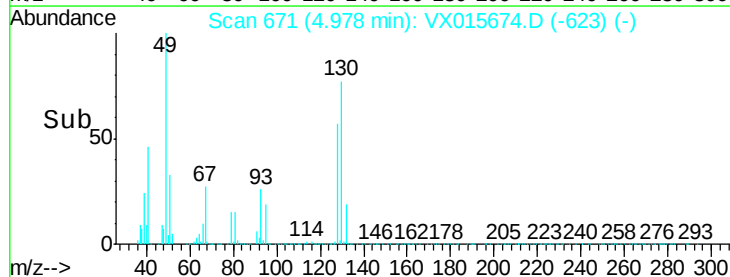
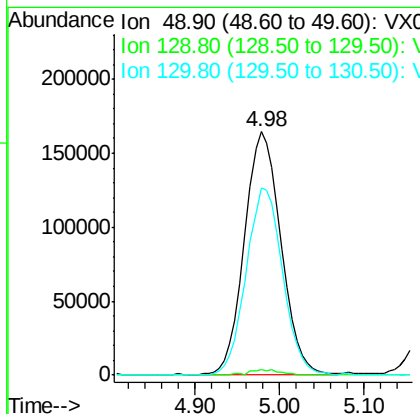
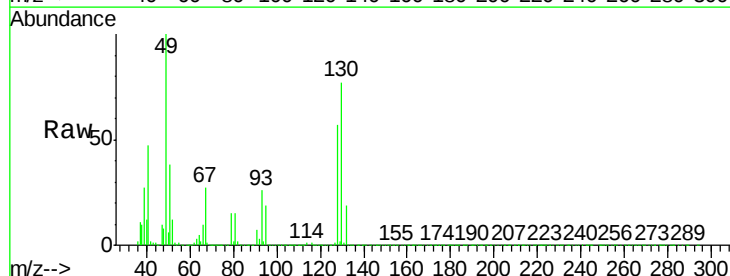
MMDadoda
4/16/2020 11:03:45 AM

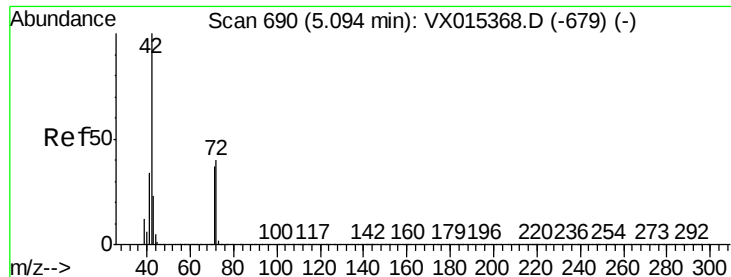


#28

Bromochloromethane
Concen: 43.959 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	483729		
129	2.1	0.0	4.4	
130	76.9	57.7	86.5	





#29

Tetrahydrofuran

Concen: 194.762 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

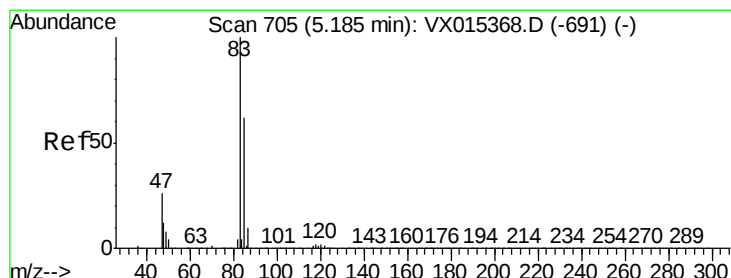
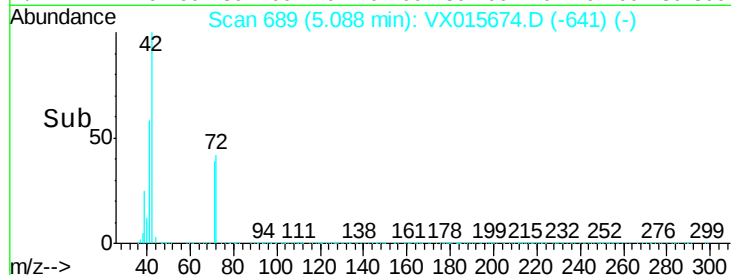
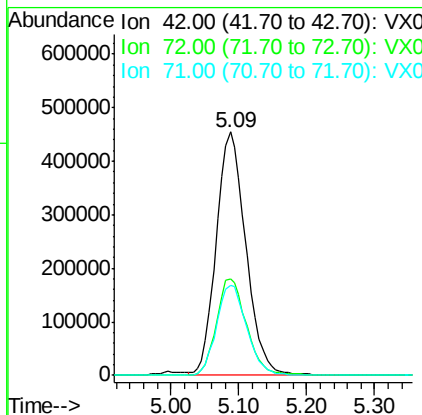
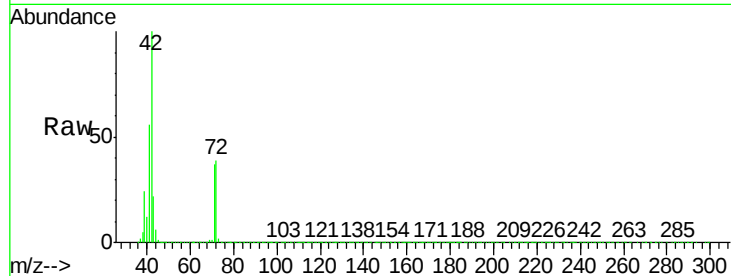
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	1366324
Ion	Ratio	Lower	Upper
42	100		
72	40.4	31.7	47.5
71	37.8	29.6	44.4

Manual Integrations
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#30

Chloroform

Concen: 44.139 ug/l

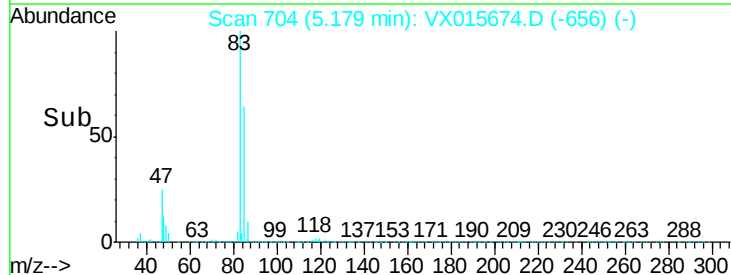
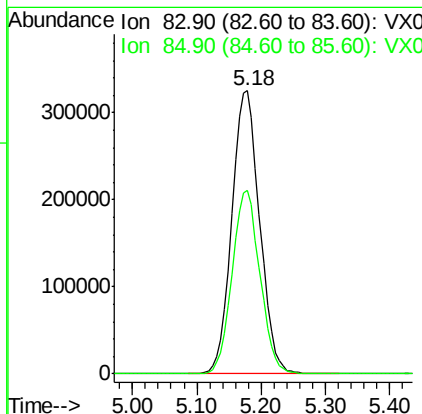
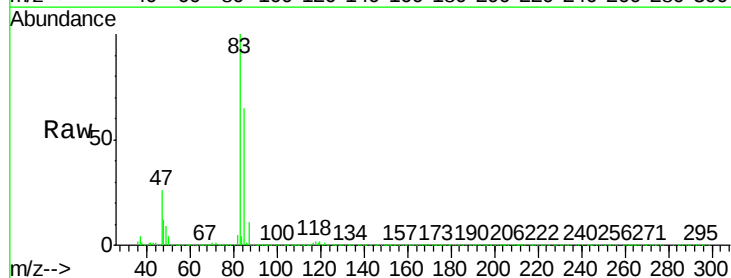
RT: 5.18 min Scan# 704

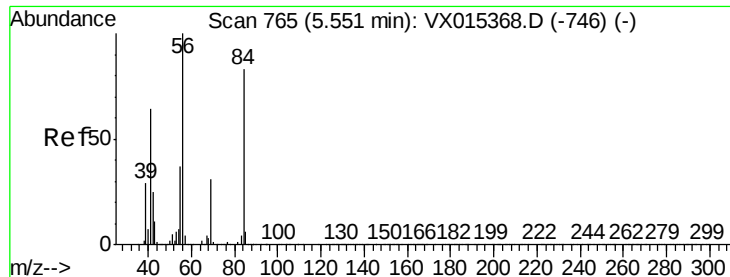
Delta R.T. -0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Tgt Ion:	83	Resp:	978747
Ion	Ratio	Lower	Upper
83	100		
85	64.9	49.5	74.3





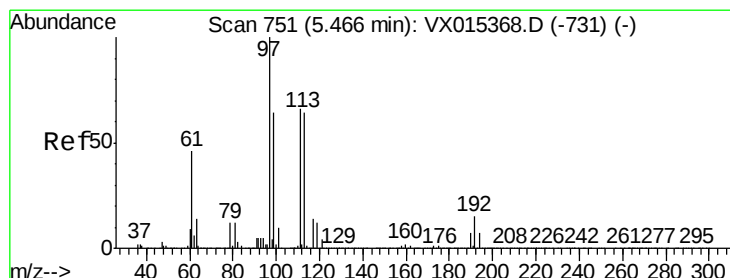
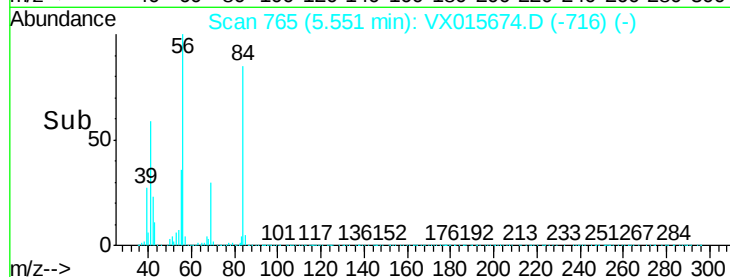
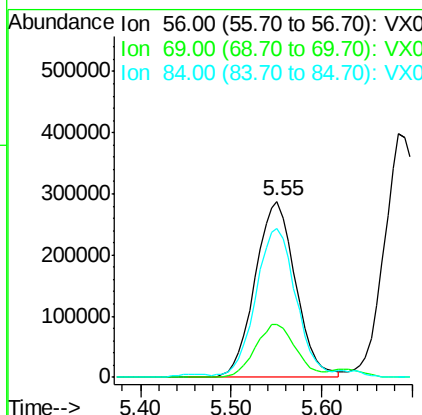
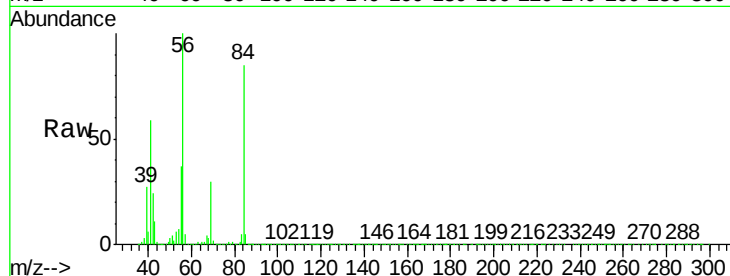
#31
Cyclohexane
Concen: 44.361 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.6	36.8
84	83.3	66.1	99.1

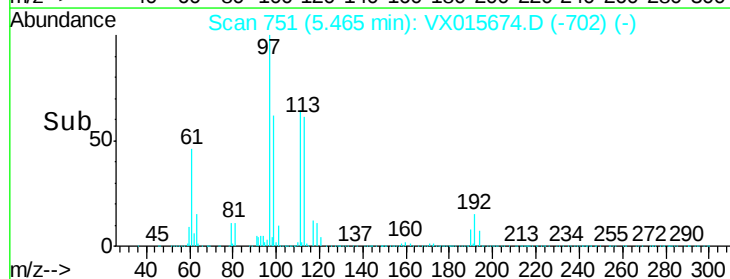
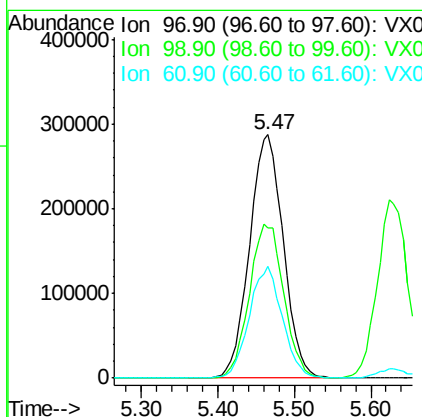
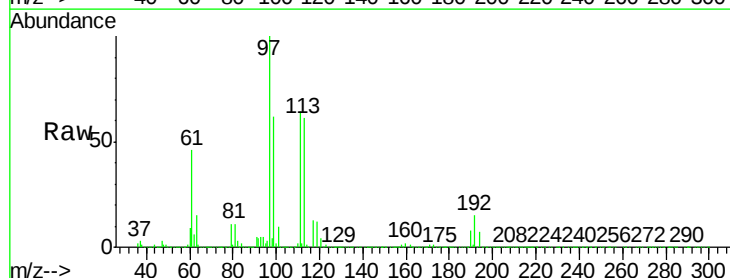
Manual Integrations
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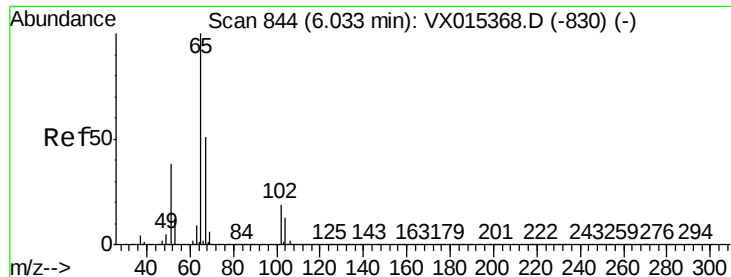
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#32
1,1,1-Trichloroethane
Concen: 44.027 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	44.9	36.1	54.1





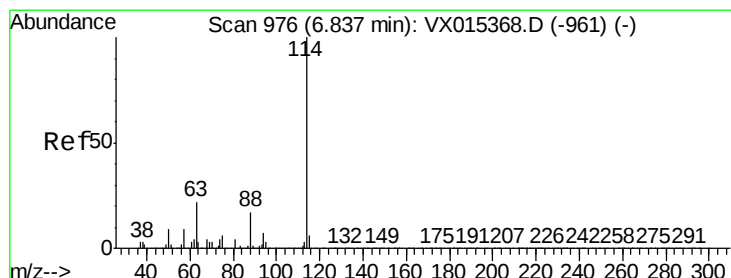
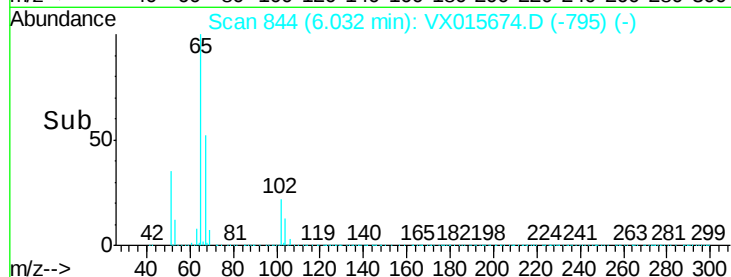
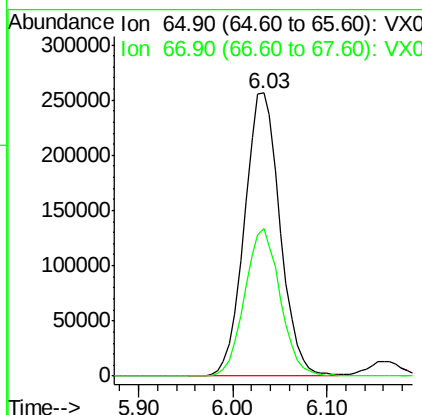
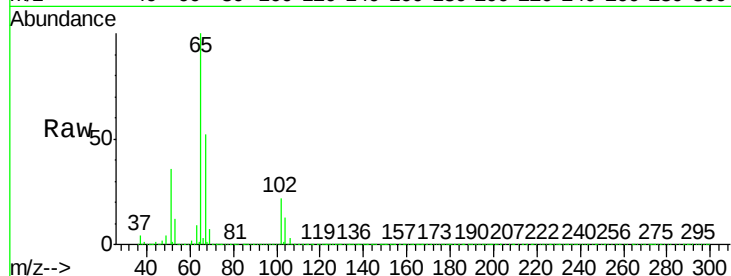
#33
 1,2-Dichloroethane-d4
 Concen: 42.625 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015674.D
 Acq: 15 Apr 2020 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.6

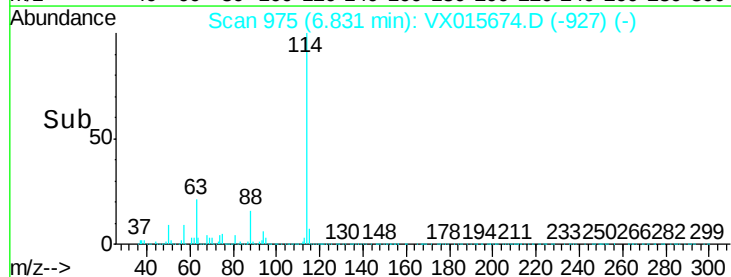
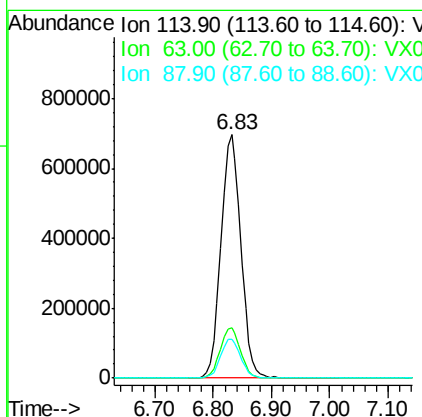
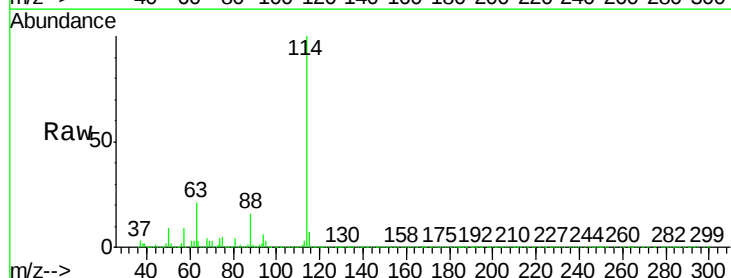
Manual Integrations
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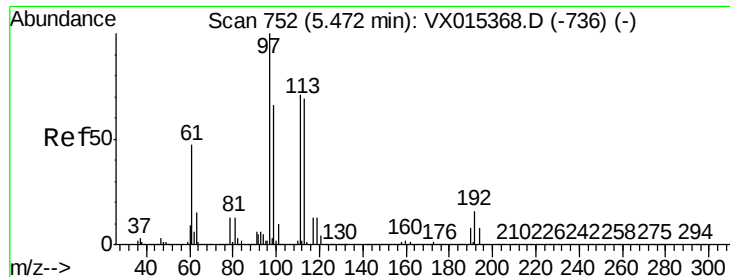
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015674.D
 Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	44.2
88	15.8	0.0	33.8





#35

Dibromofluoromethane

Concen: 48.602 ug/l

RT: 5.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

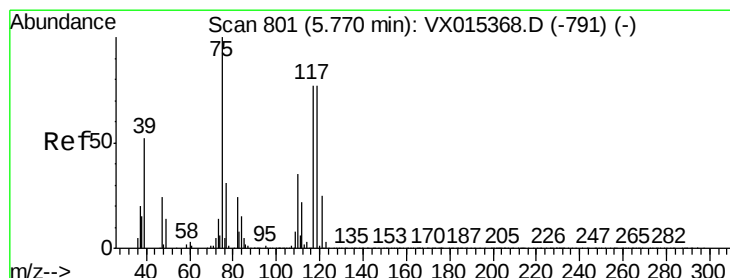
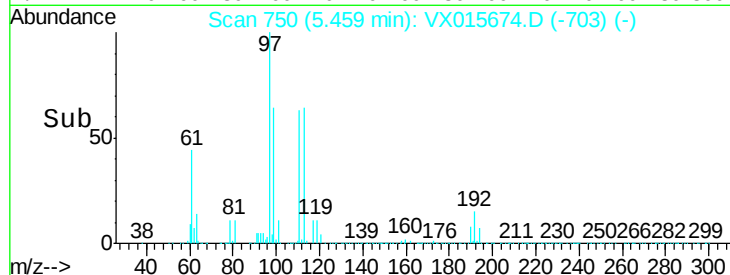
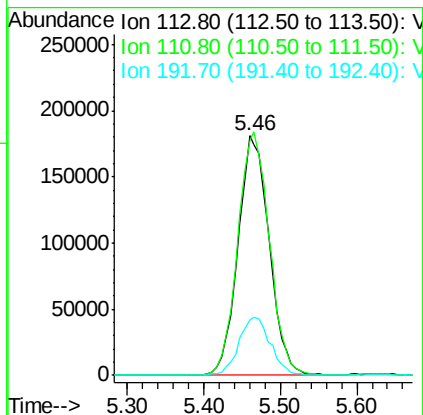
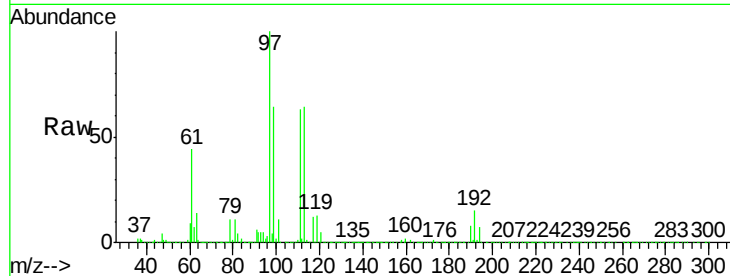
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	512536
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.5	122.3
192	24.5	17.8	26.6

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#36

1,1-Dichloropropene

Concen: 48.351 ug/l

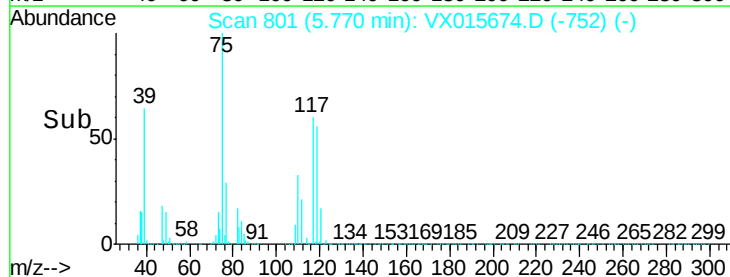
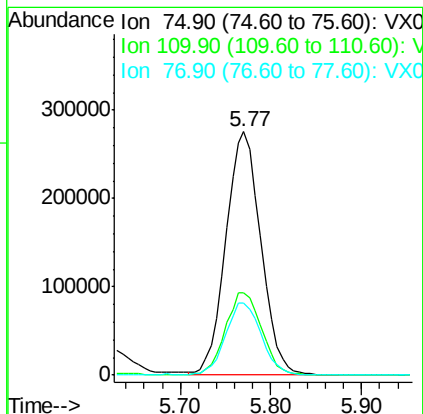
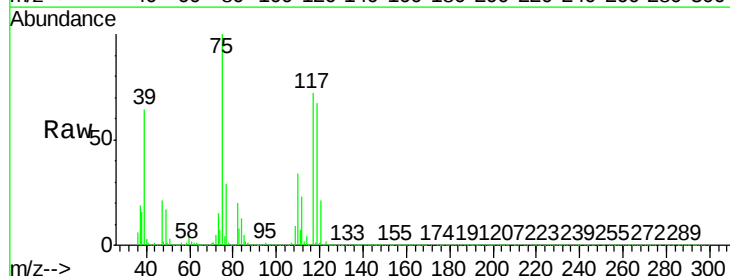
RT: 5.77 min Scan# 801

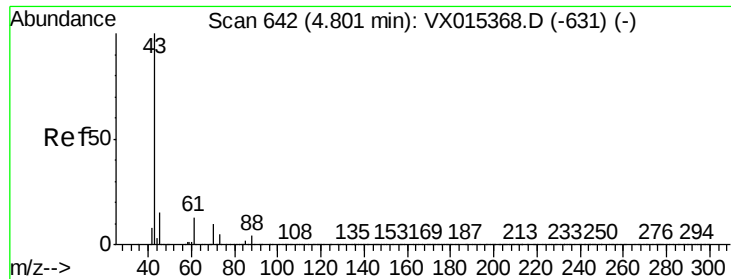
Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Tgt Ion:	75	Resp:	734953
Ion Ratio	Lower	Upper	
75	100		
110	35.2	17.1	51.3
77	29.9	24.6	36.8





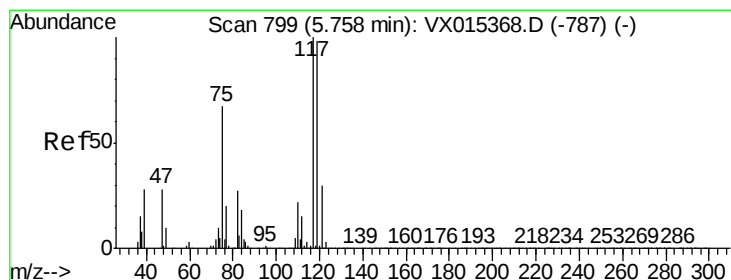
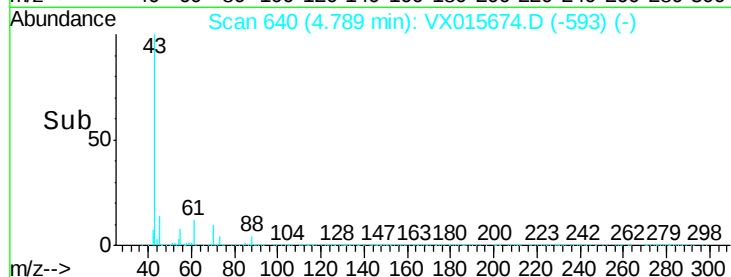
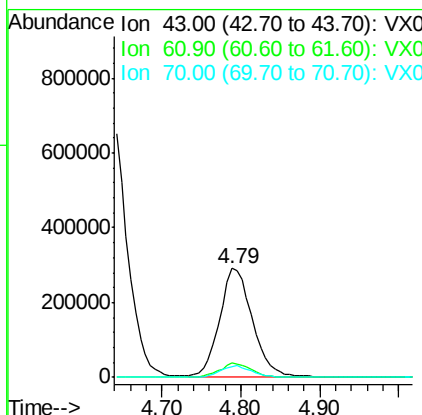
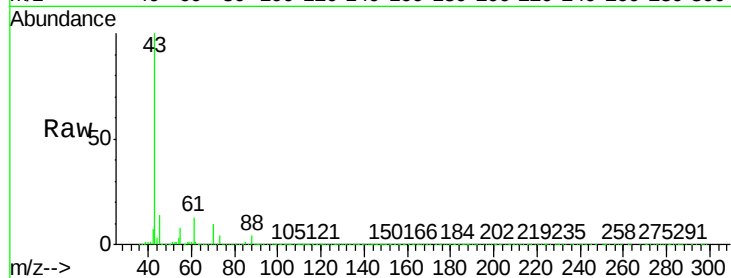
#37
Ethyl Acetate
Concen: 42.401 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.9	14.9
70	10.1	8.1	12.1

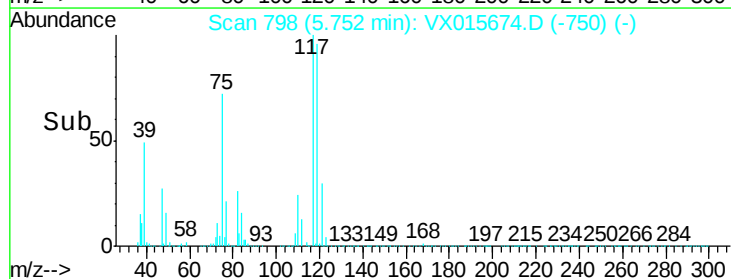
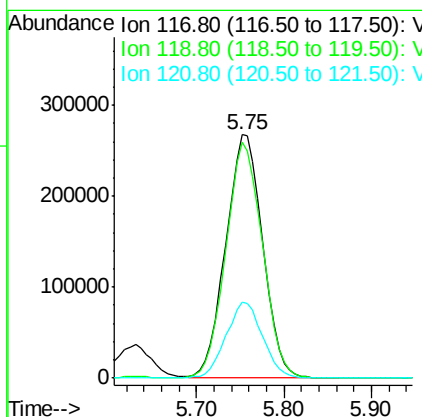
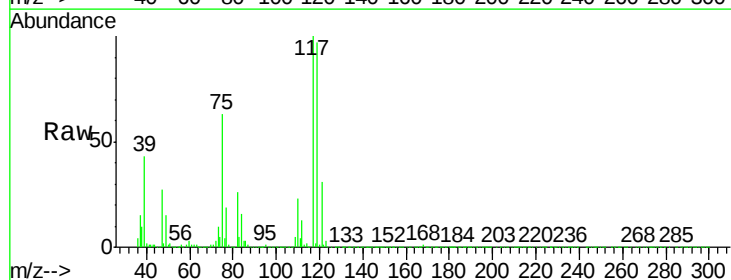
Manual Integrations
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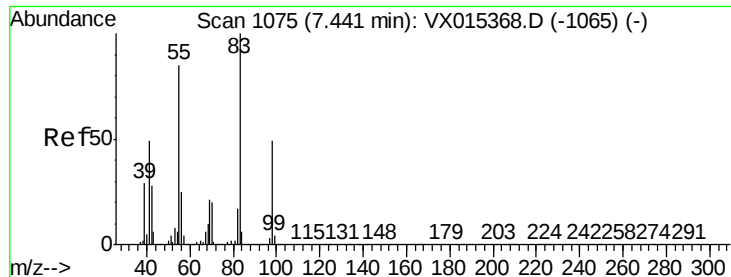
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#38
Carbon Tetrachloride
Concen: 47.622 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.0	117.0
121	31.1	23.8	35.8





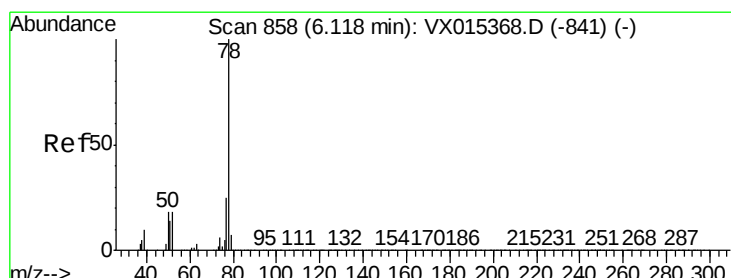
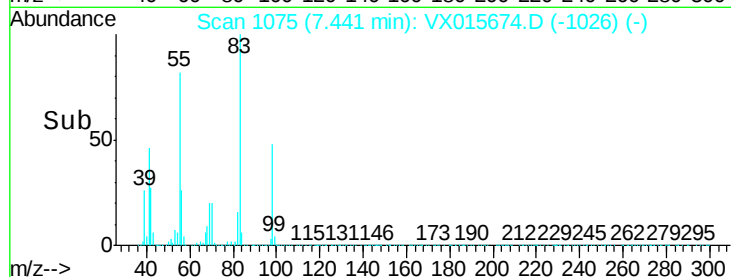
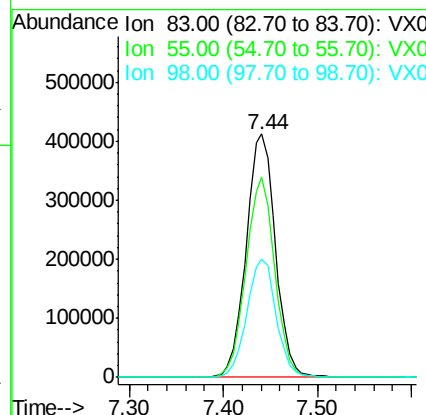
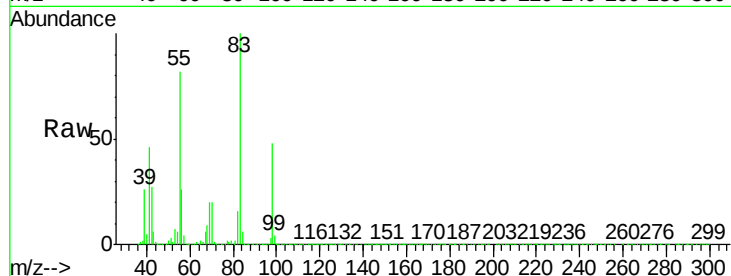
#39
Methvlcvclohexane
Concen: 51.079 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.3	67.8	101.6
98	48.4	39.3	58.9

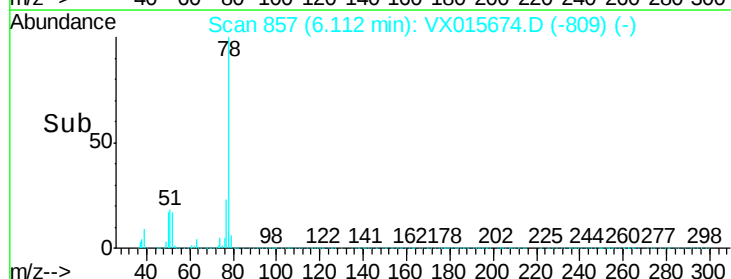
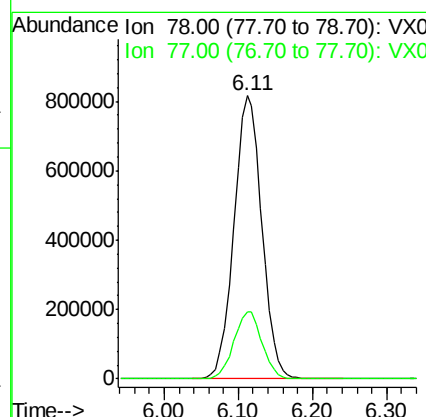
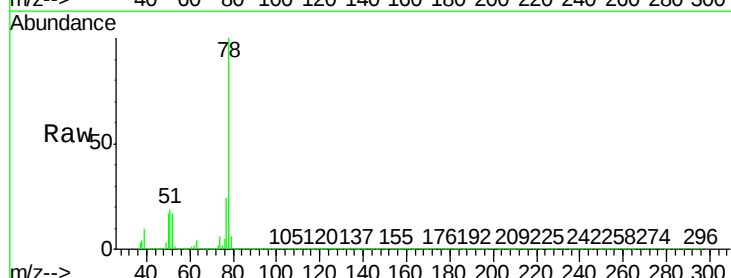
Manual Integrations
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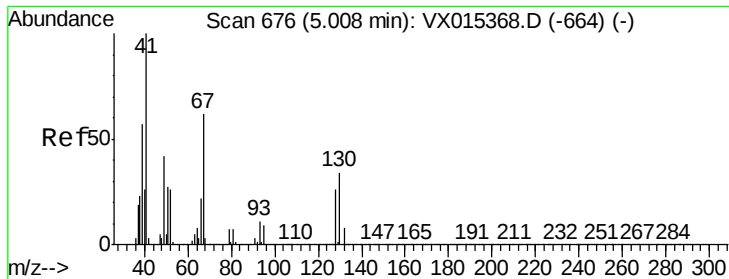
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#40
Benzene
Concen: 48.070 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.8	29.8





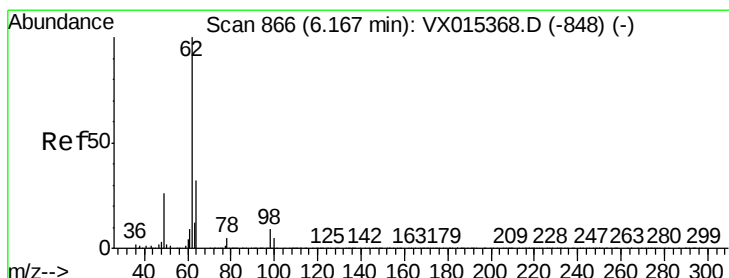
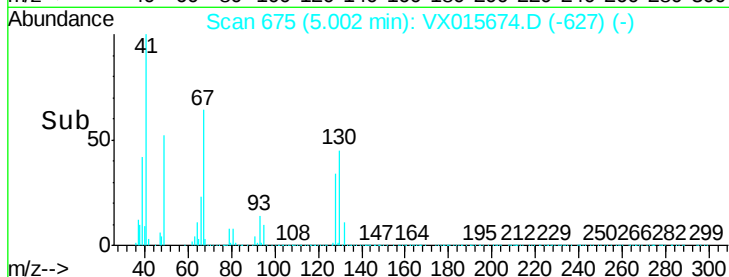
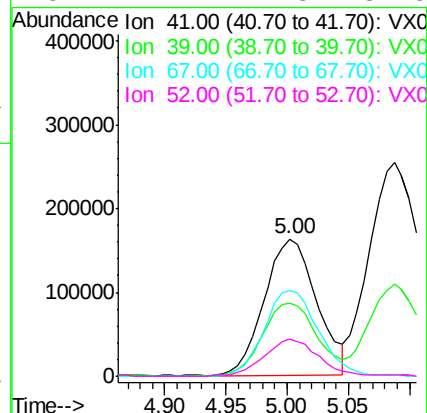
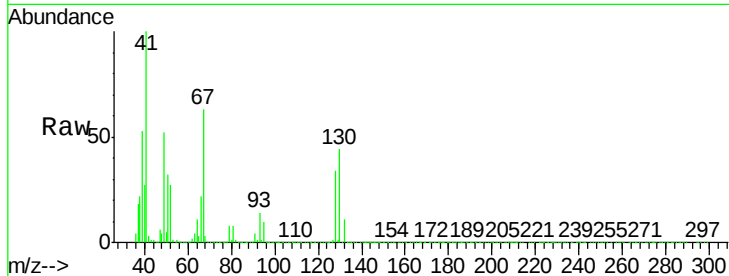
#41
Methacrylonitrile
Concen: 44.381 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.6	44.5	66.7		
67	64.3	48.9	73.3		
52	27.4	21.8	32.6		

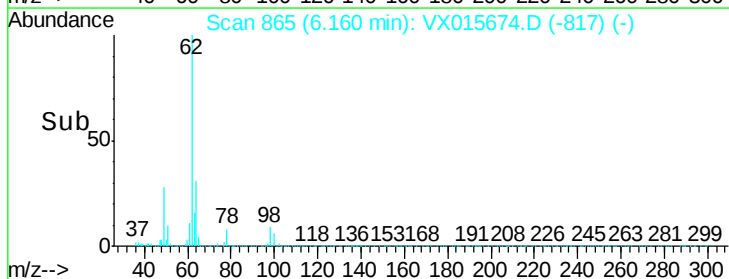
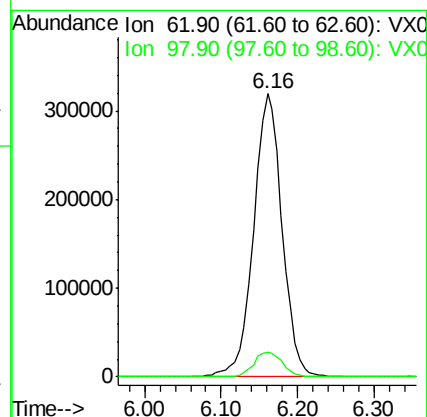
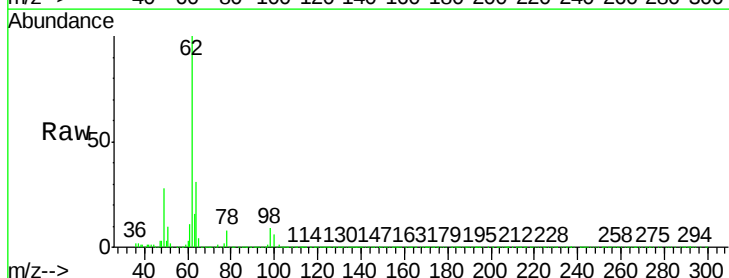
Manual Integrations
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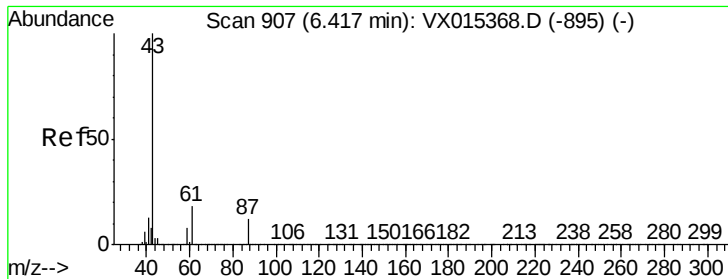
MMDadoda
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#42
1,2-Dichloroethane
Concen: 46.095 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.0	0.0	17.6		





#43

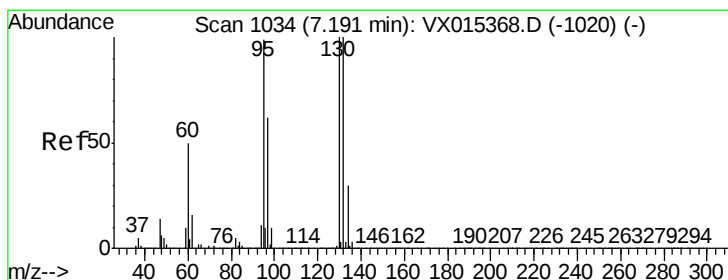
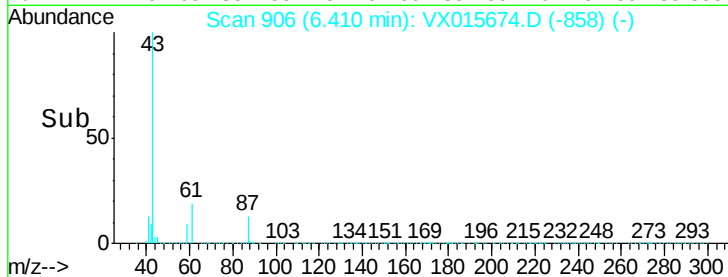
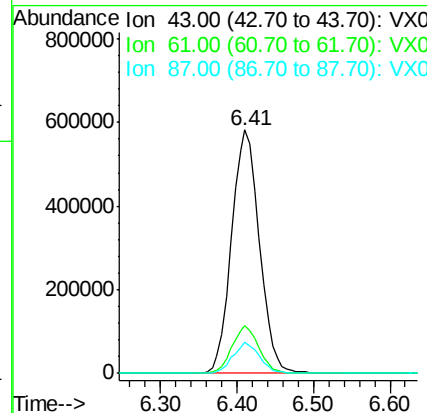
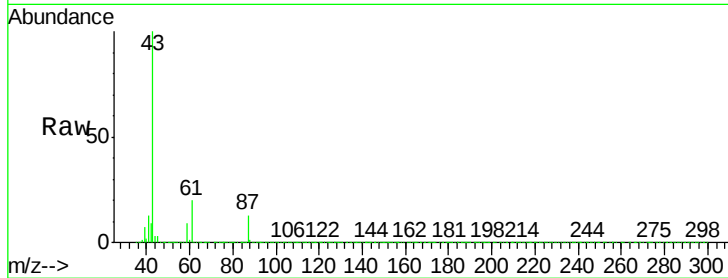
Isopropyl Acetate
 Concen: 43.606 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015674.D
 Acq: 15 Apr 2020 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.8	22.2
87	12.1	9.4	14.0

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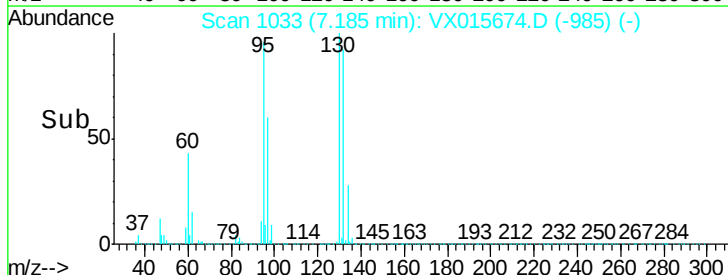
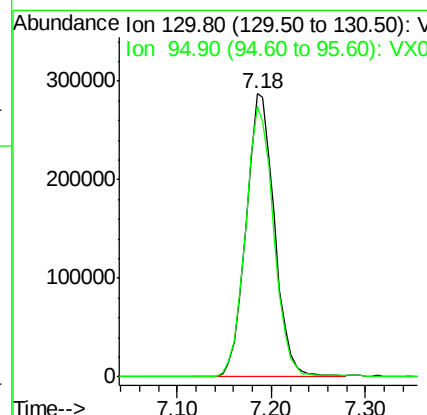
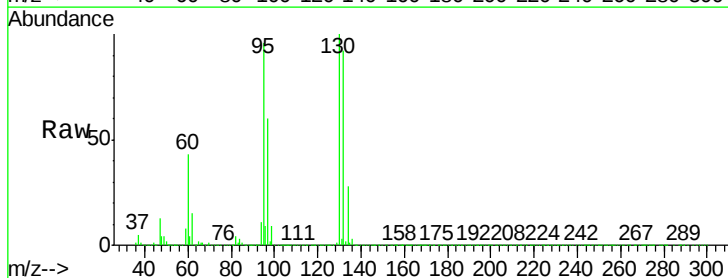
MMDadoda
 4/16/2020 11:03:45 AM

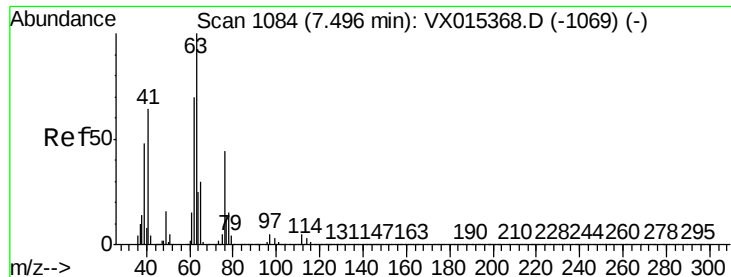


#44

Trichloroethene
 Concen: 49.687 ug/l
 RT: 7.18 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX015674.D
 Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	199.0





#45

1,2-Dichloropropane

Concen: 46.981 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 572267

Ion Ratio Lower Upper

63 100

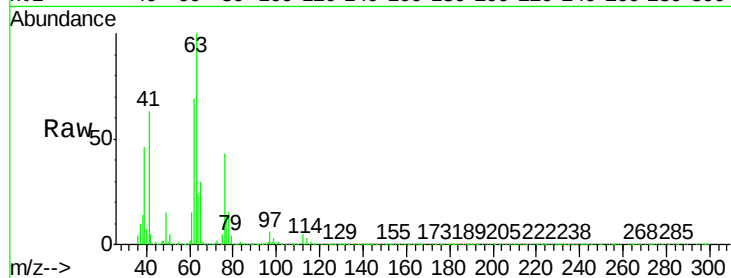
65 29.8 23.9 35.9

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

300000

250000

200000

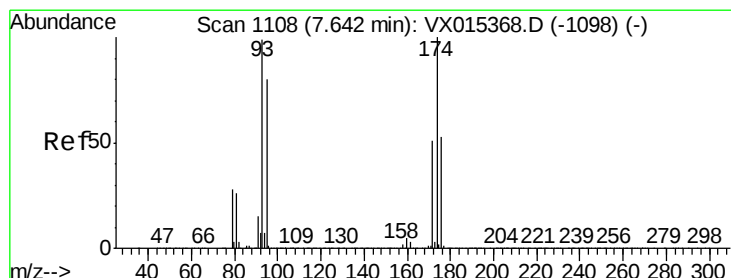
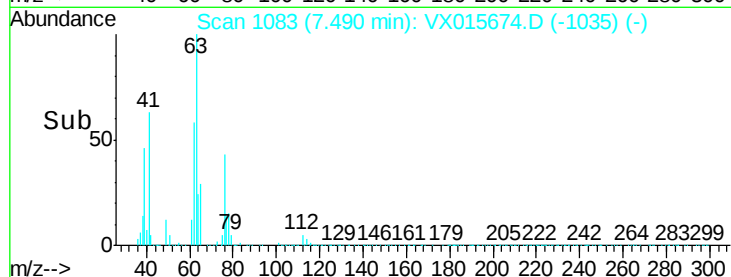
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 46.549 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

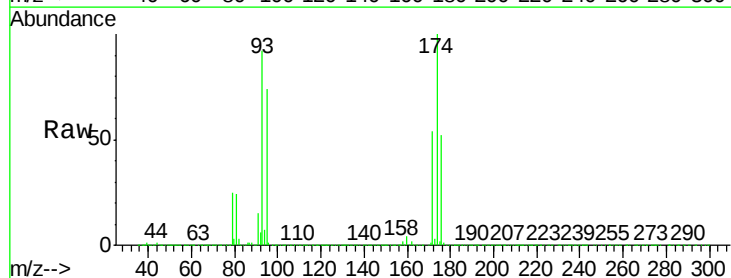
Tgt Ion: 93 Resp: 371940

Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 116.9 86.2 129.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.64

300000

250000

200000

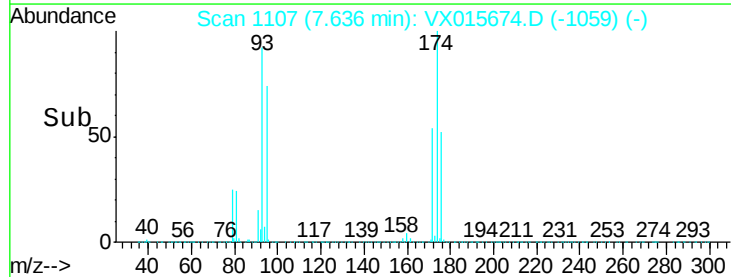
150000

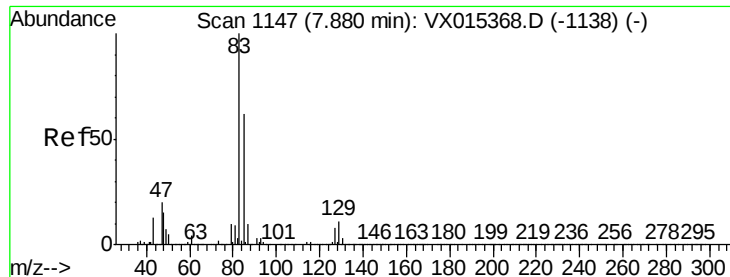
100000

50000

0

Time--> 7.50 7.60 7.70





#47

Bromodichloromethane

Concen: 46.544 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

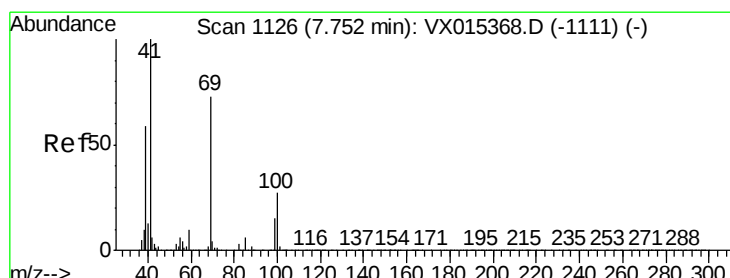
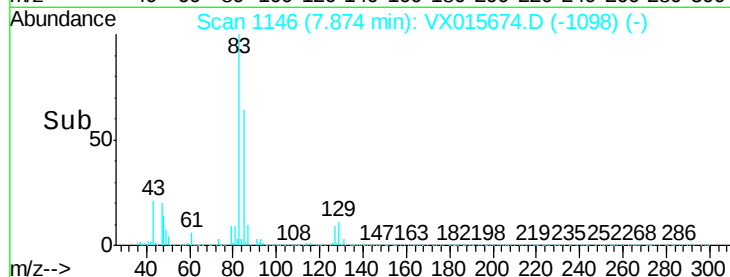
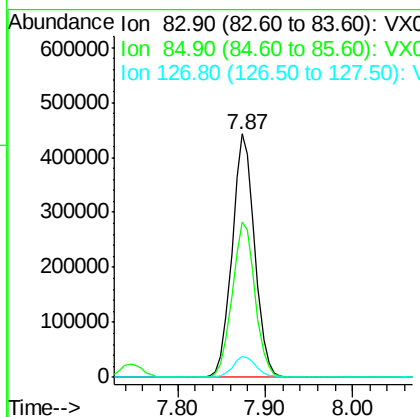
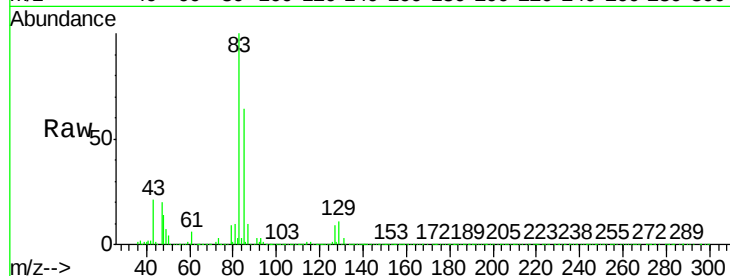
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	792442
Ion Ratio	Lower	Upper	
83	100		
85	63.5	49.7	74.5
127	8.7	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 44.055 ug/l

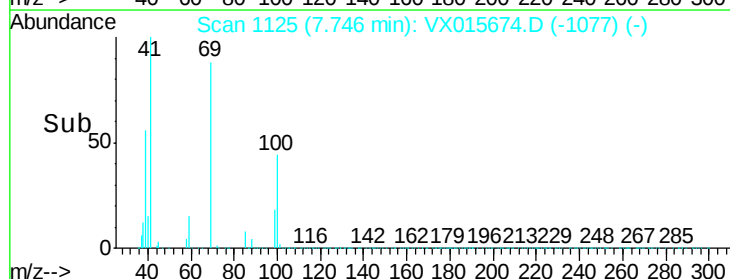
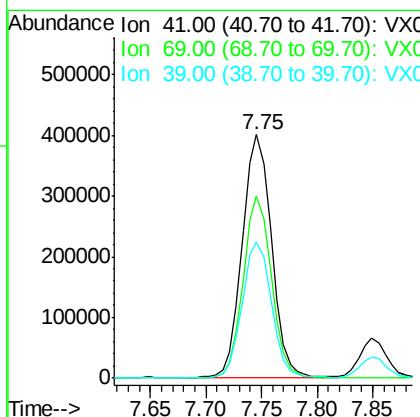
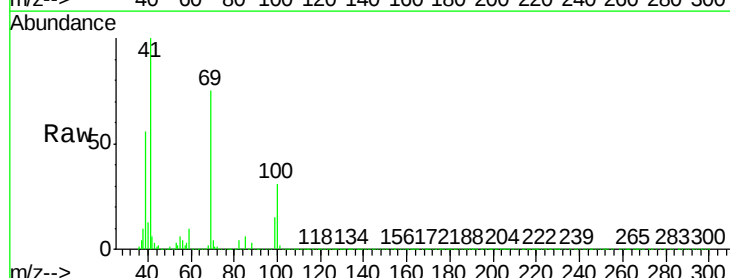
RT: 7.75 min Scan# 1125

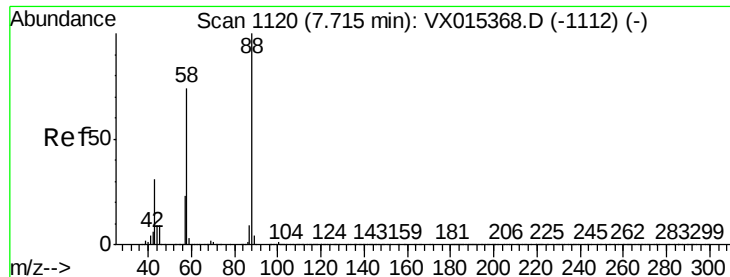
Delta R.T. -0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Tgt Ion:	41	Resp:	735222
Ion Ratio	Lower	Upper	
41	100		
69	71.9	56.7	85.1
39	55.4	46.5	69.7





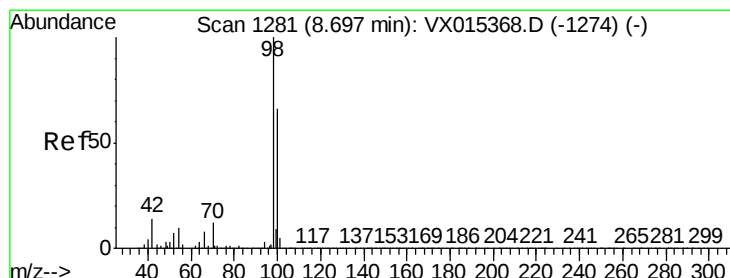
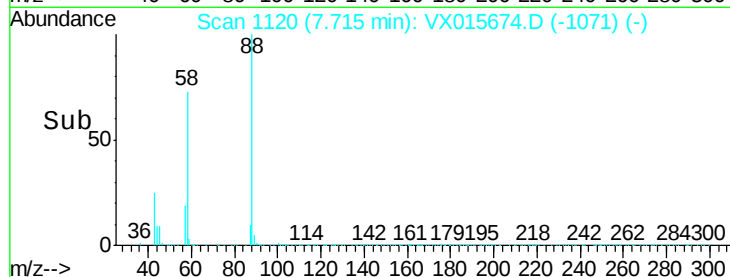
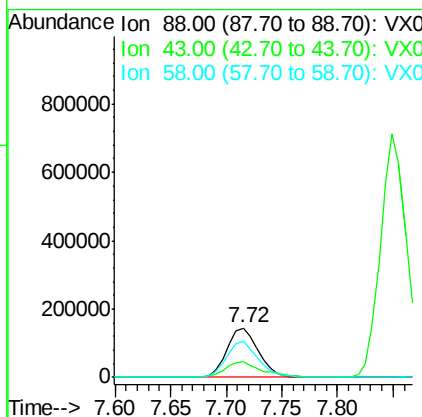
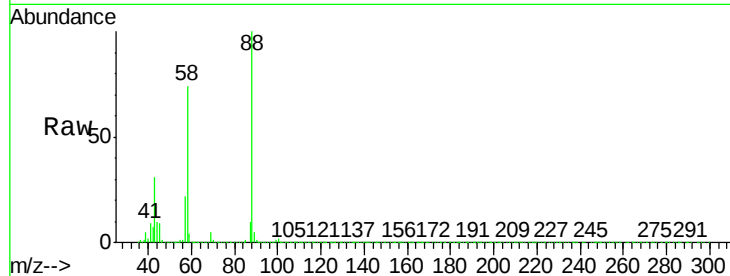
#49
1,4-Dioxane
Concen: 893.518 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	30.1	45.1
58	74.3	60.6	90.8

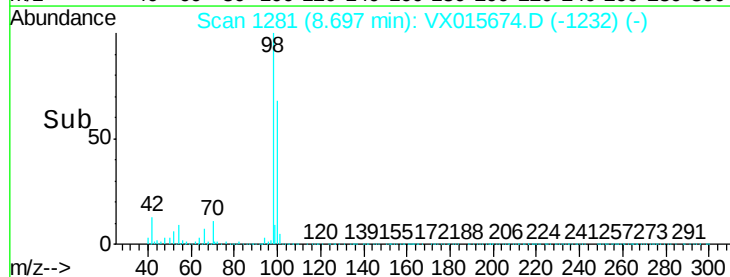
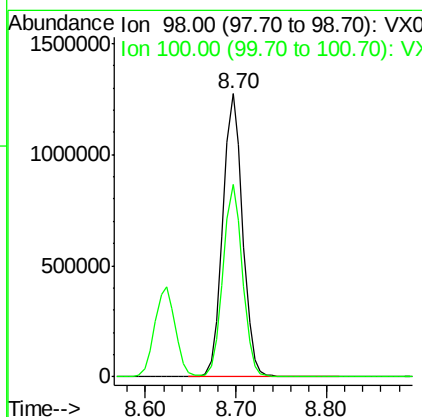
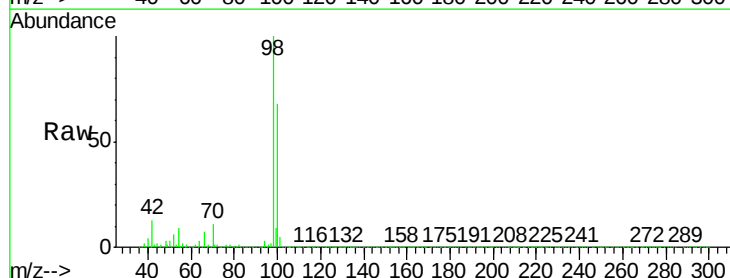
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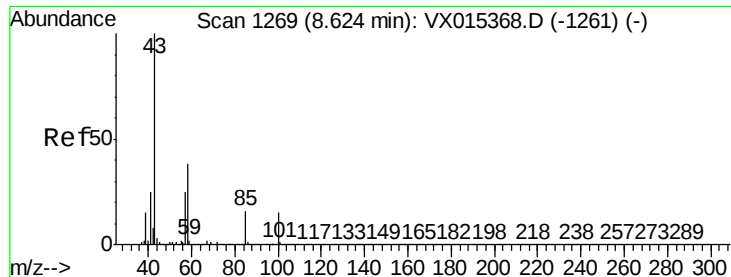
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#50
Toluene-d8
Concen: 49.914 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 223.628 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4234355

Ion Ratio Lower Upper

43 100

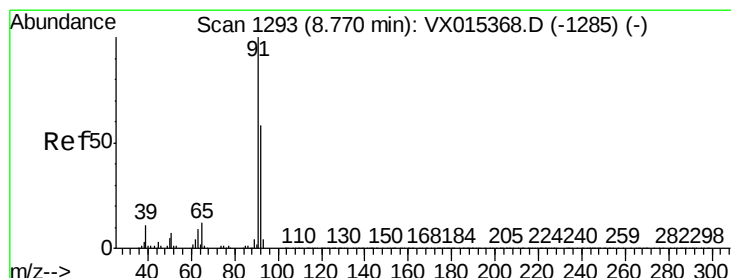
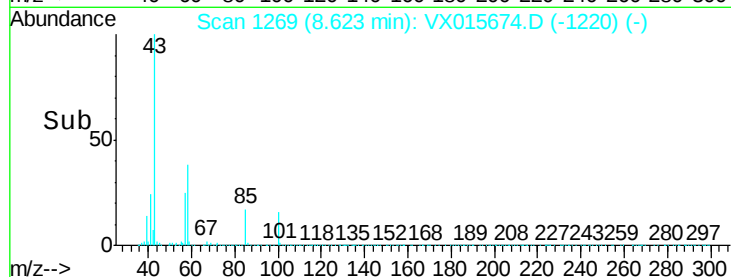
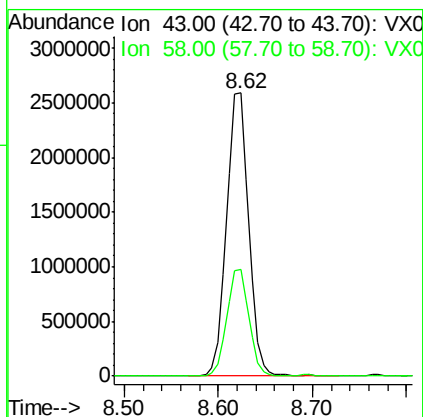
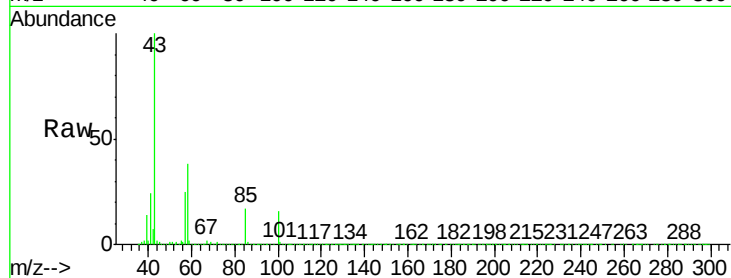
58 37.5 29.7 44.5

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#52

Toluene

Concen: 49.337 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015674.D

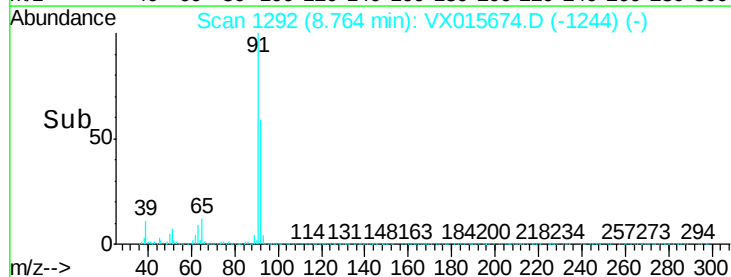
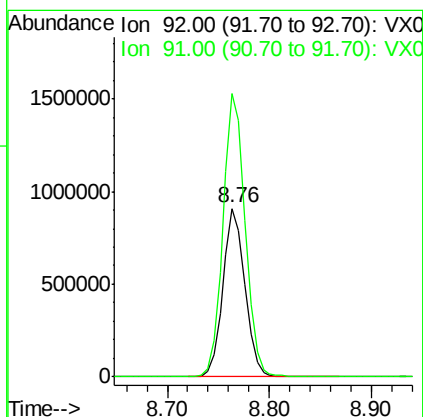
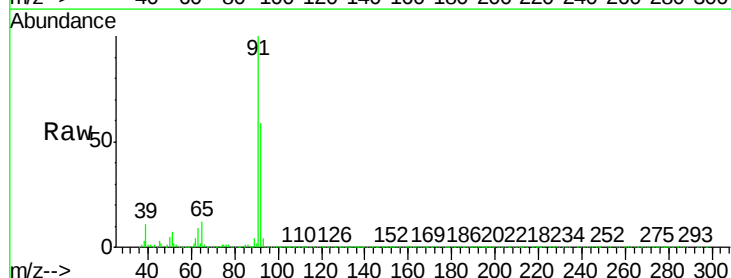
Acq: 15 Apr 2020 11:18

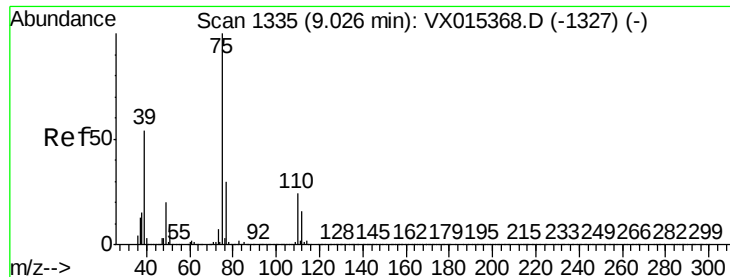
Tgt Ion: 92 Resp: 1354383

Ion Ratio Lower Upper

92 100

91 169.5 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 45.780 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 914142

Ion Ratio Lower Upper

75 100

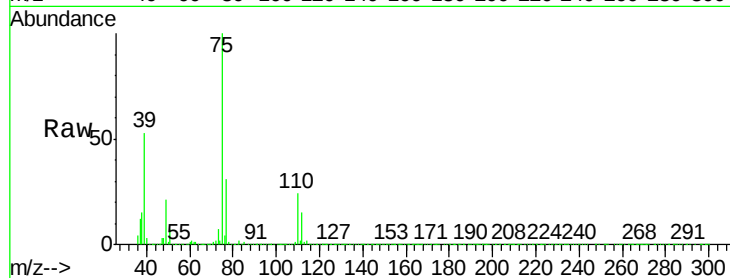
77 30.6 24.1 36.1

Manual Integrations

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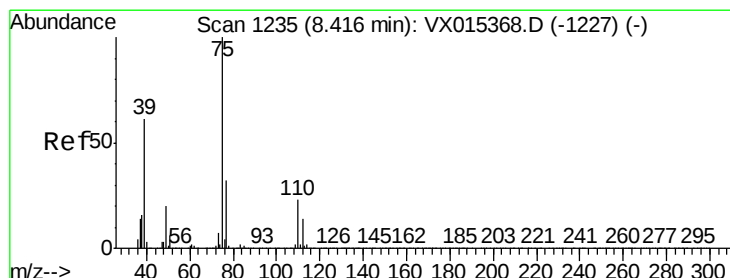
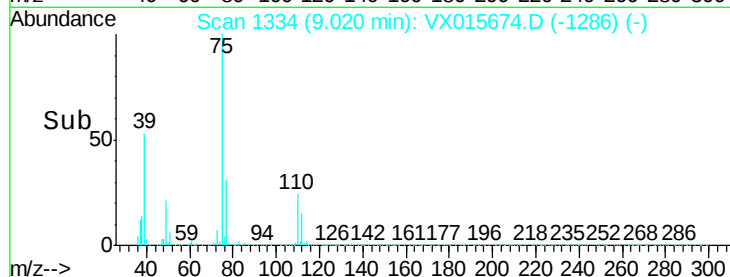
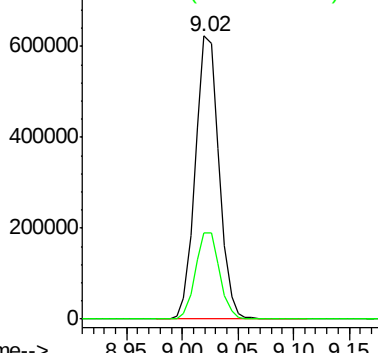
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 47.482 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

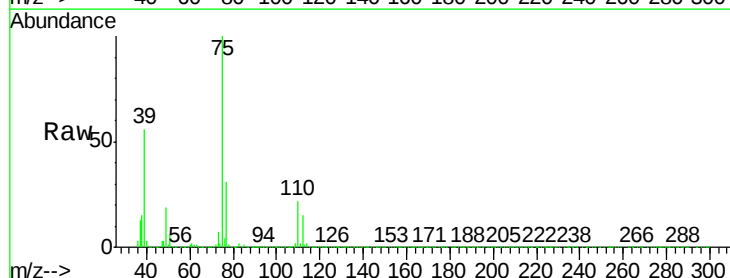
Tgt Ion: 75 Resp: 965814

Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.6

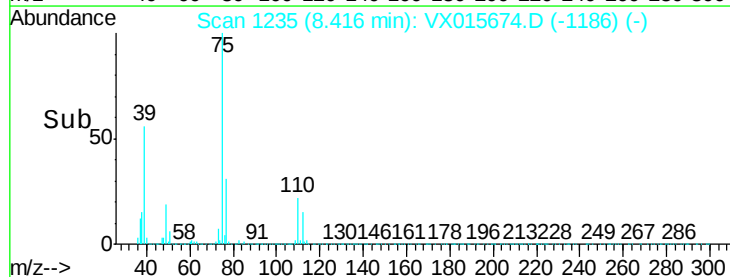
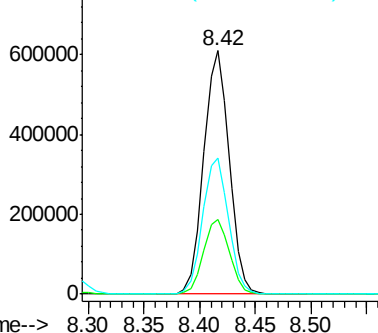
39 55.9 49.0 73.4

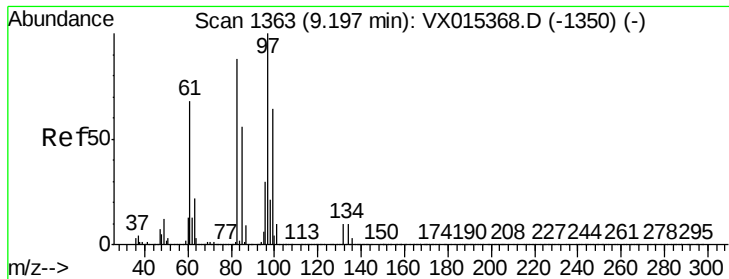


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 49.032 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

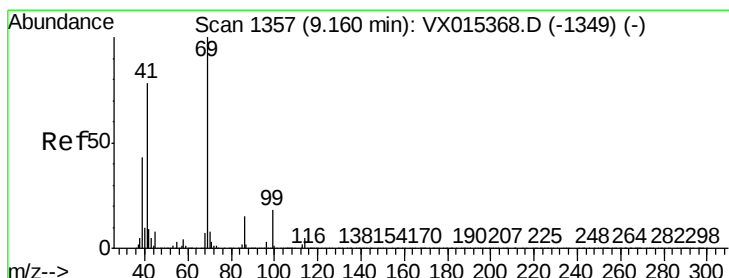
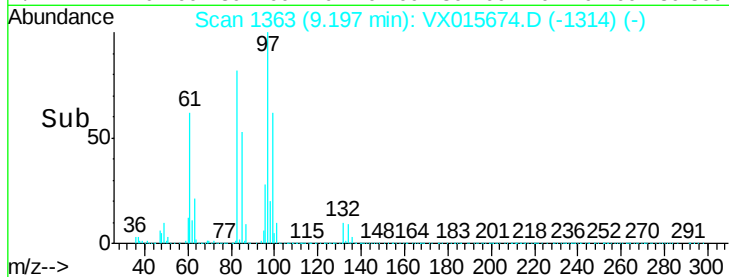
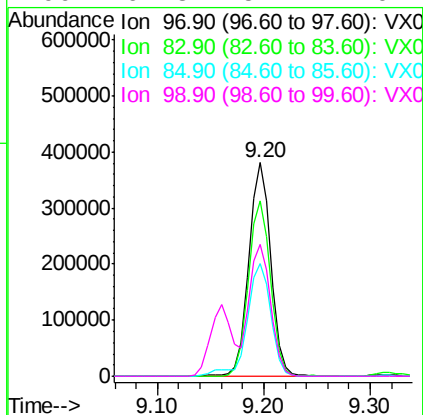
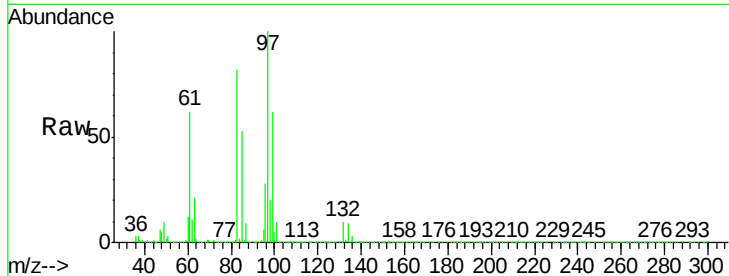
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	551469
Ion	Ratio	Lower	Upper
97	100		
83	82.2	70.2	105.4
85	52.9	44.7	67.1
99	61.8	51.1	76.7

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#56

Ethyl methacrylate

Concen: 46.002 ug/l

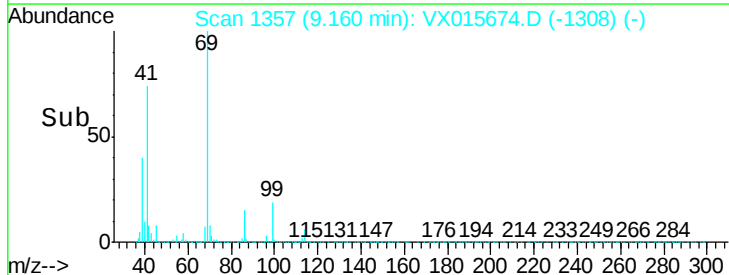
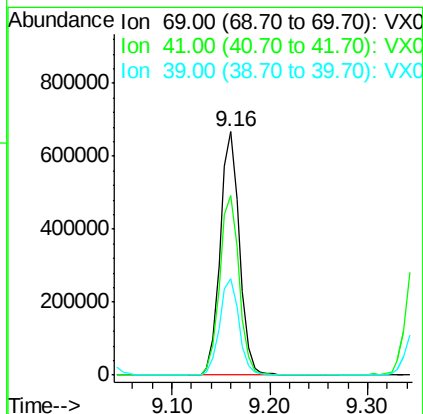
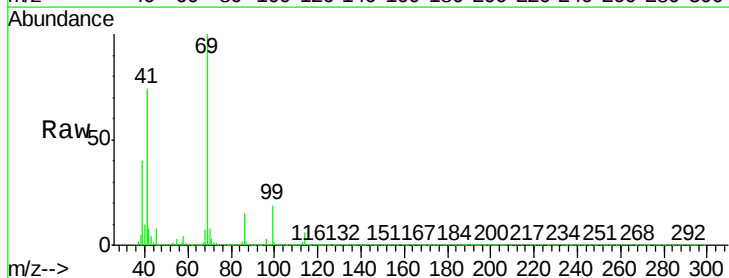
RT: 9.16 min Scan# 1357

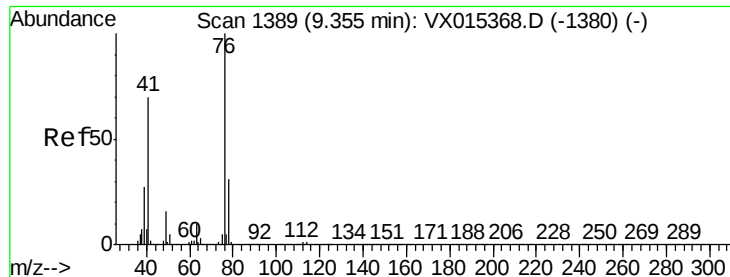
Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Tgt Ion:	69	Resp:	911822
Ion	Ratio	Lower	Upper
69	100		
41	73.9	61.6	92.4
39	39.7	34.0	51.0





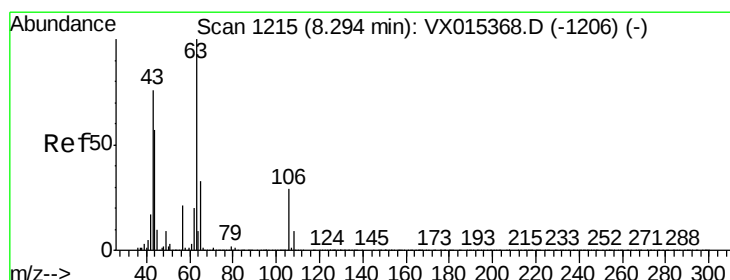
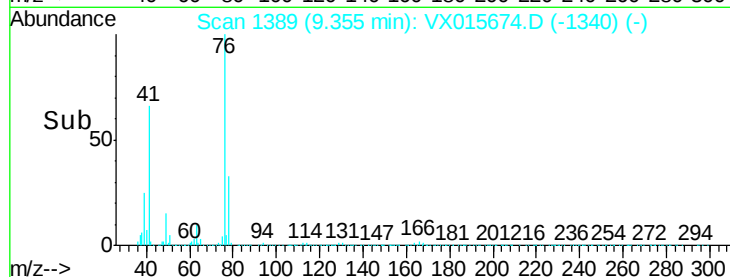
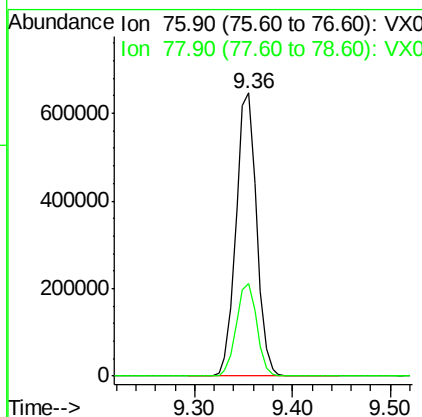
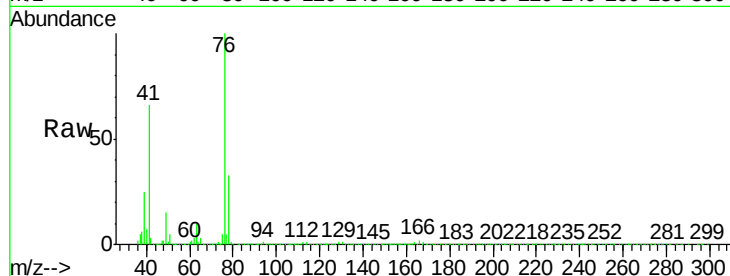
#57
 1,3-Dichloropropane
 Concen: 46.548 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VX015674.D
 Acq: 15 Apr 2020 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 943247
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8

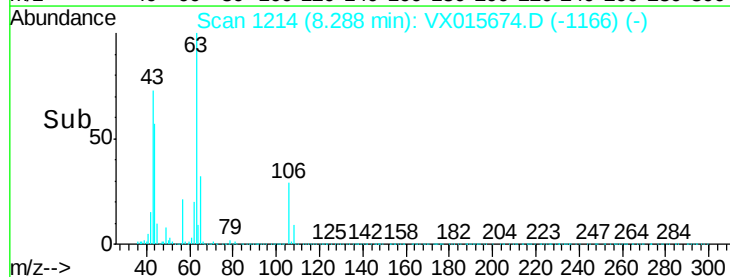
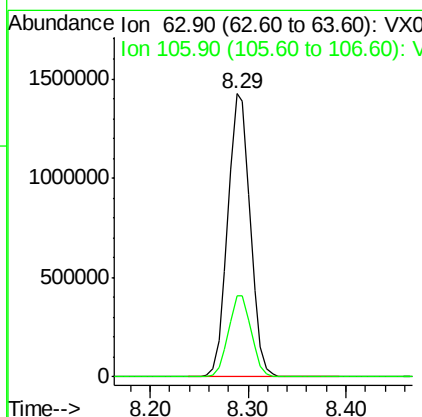
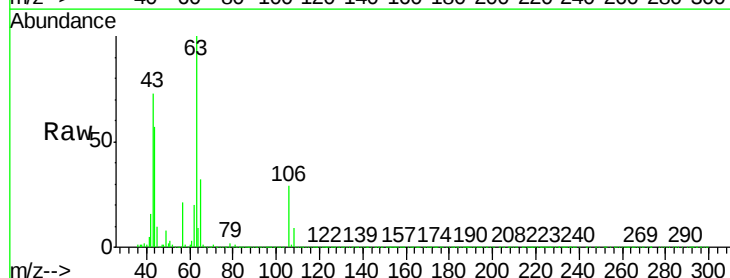
Manual Integrations
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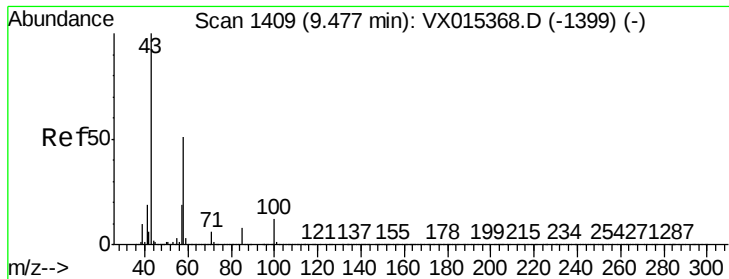
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#58
 2-Chloroethyl Vinyl ether
 Concen: 234.912 ug/l
 RT: 8.29 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: VX015674.D
 Acq: 15 Apr 2020 11:18

Tgt Ion: 63 Resp: 2264861
 Ion Ratio Lower Upper
 63 100
 106 29.1 22.7 34.1





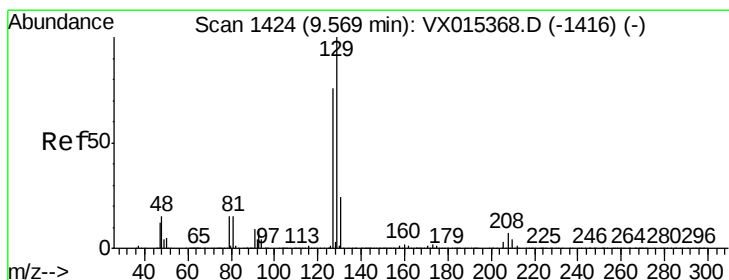
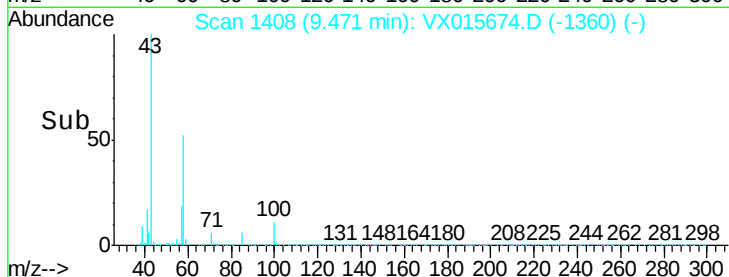
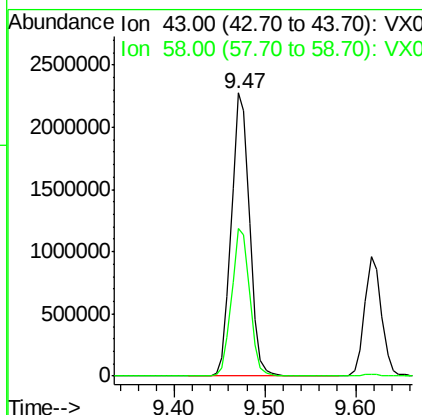
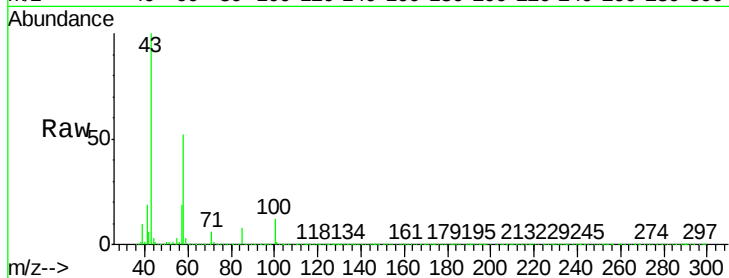
#59
2-Hexanone
Concen: 221.032 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 3159746
Ion Ratio Lower Upper
43 100
58 52.0 25.6 76.6

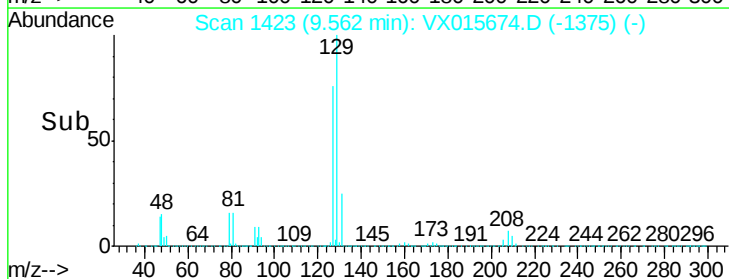
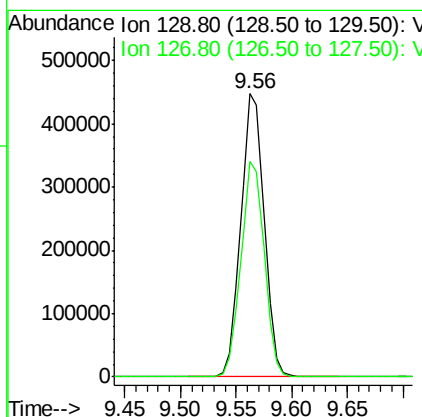
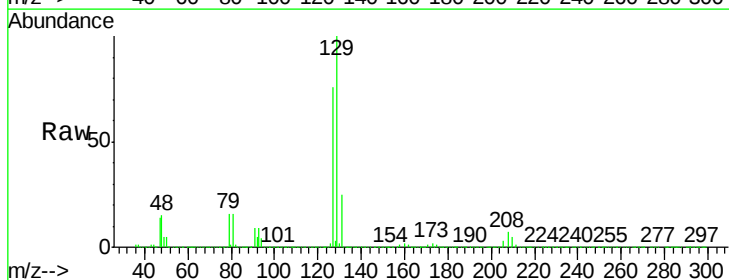
Manual Integrations
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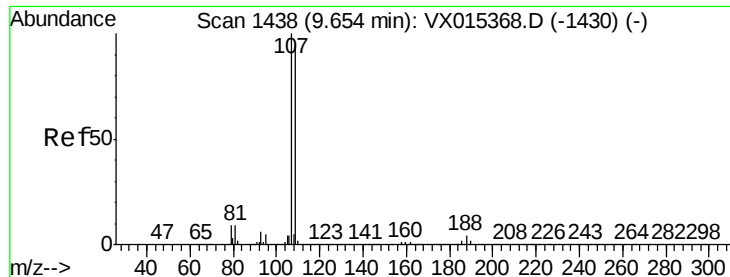
MMDadoda
4/16/2020 11:03:45 AM



#60
Dibromochloromethane
Concen: 48.202 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion: 129 Resp: 651447
Ion Ratio Lower Upper
129 100
127 75.7 38.2 114.6





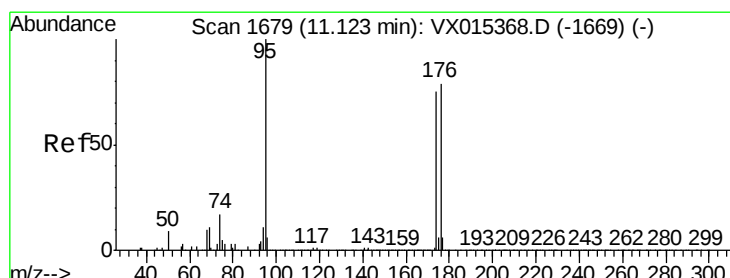
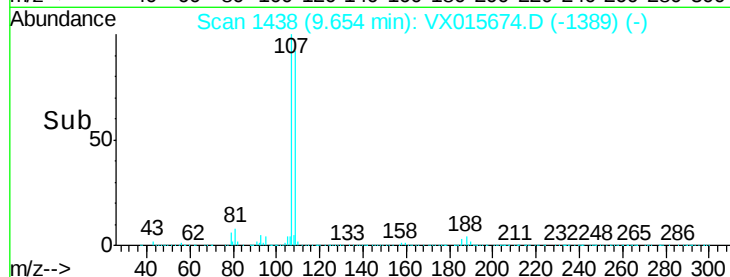
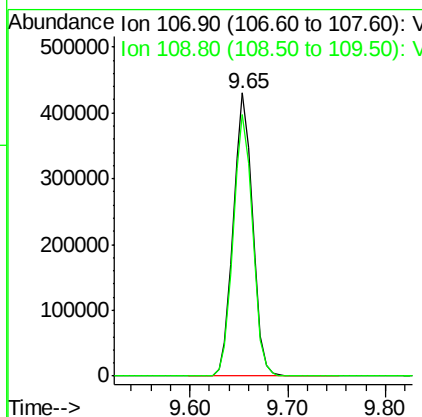
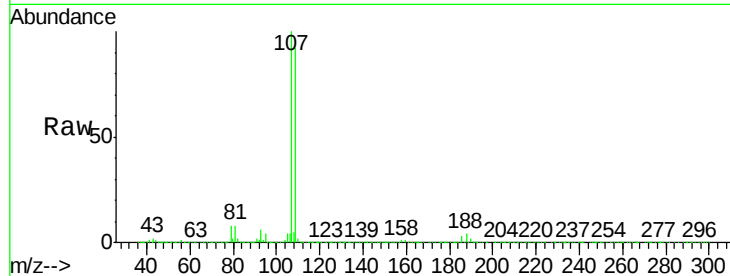
#61
 1,2-Dibromoethane
 Concen: 48.140 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015674.D
 Acq: 15 Apr 2020 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	588727		
109	93.1	74.8	112.2	

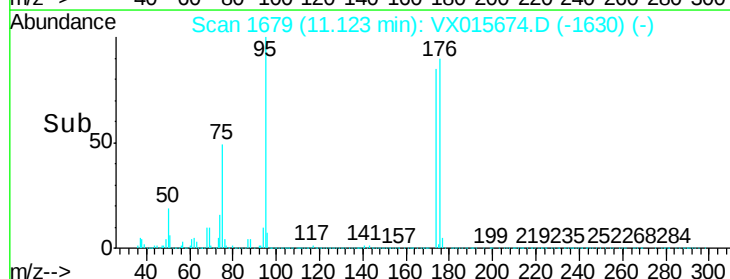
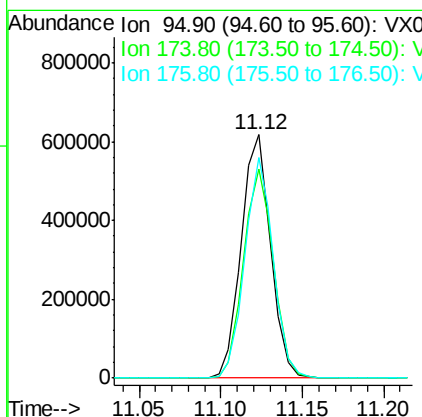
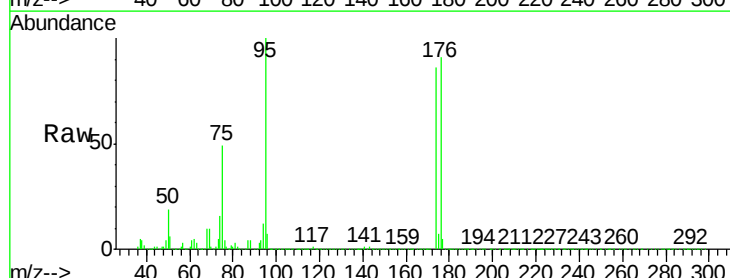
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#62
 4-Bromofluorobenzene
 Concen: 49.179 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015674.D
 Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	775991		
174	87.6	0.0	158.6	
176	87.6	0.0	159.0	





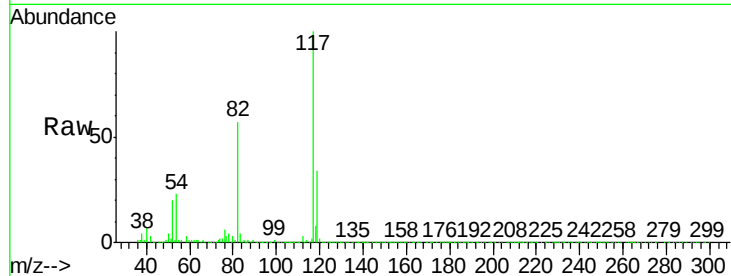
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

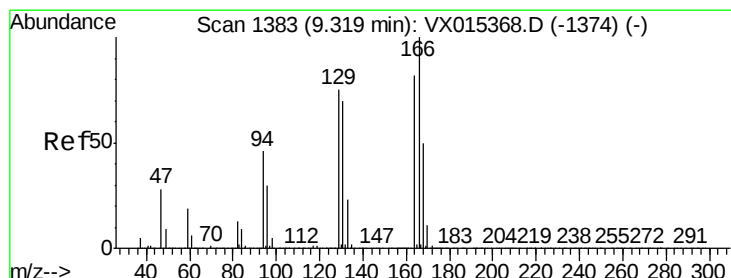
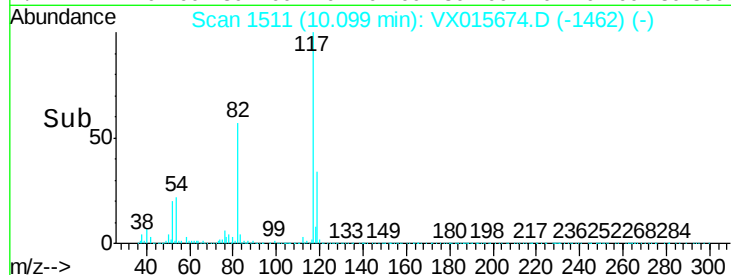
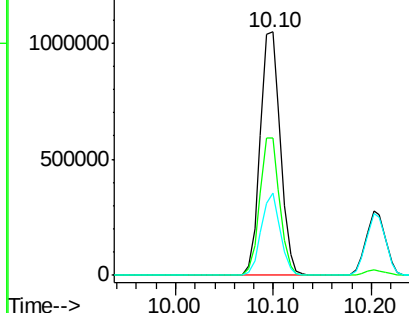
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	47.8	71.8
119	33.8	26.8	40.2

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MMDadoda
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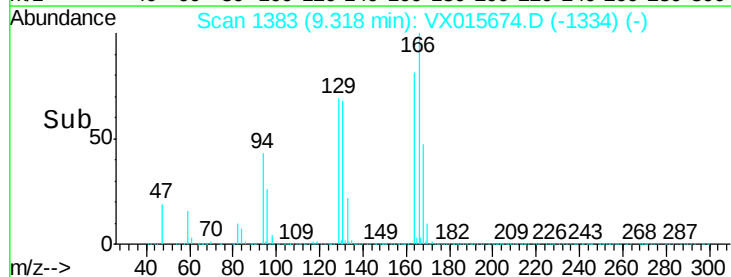
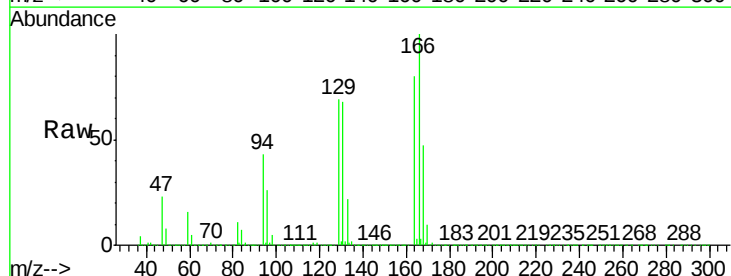
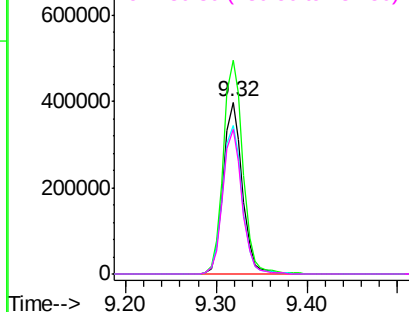
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

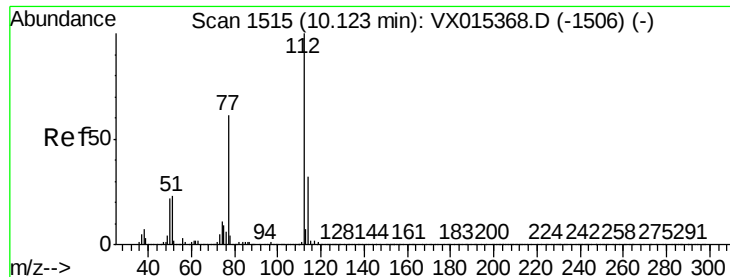


#64
Tetrachloroethene
Concen: 51.294 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.2	97.8	146.6
129	86.2	73.0	109.4
131	83.9	68.6	103.0

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





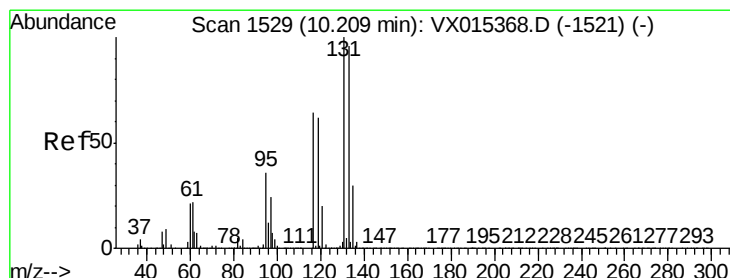
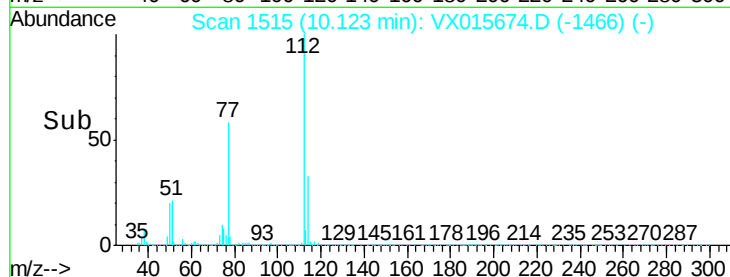
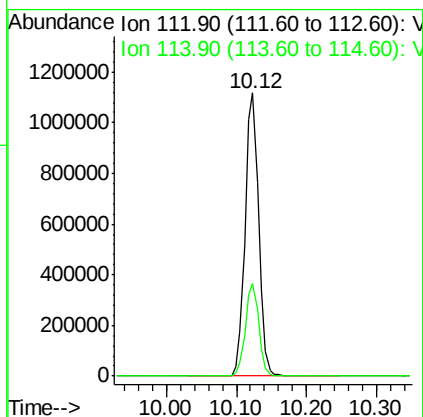
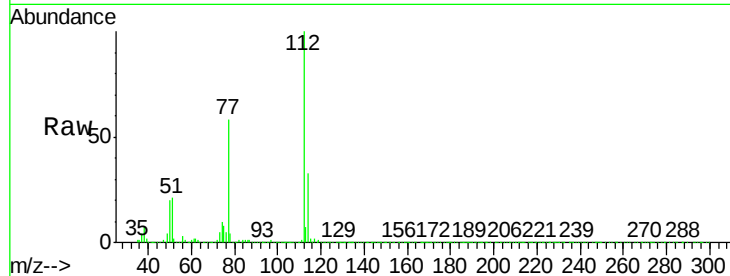
#65
Chlorobenzene
Concen: 50.311 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1504988
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3

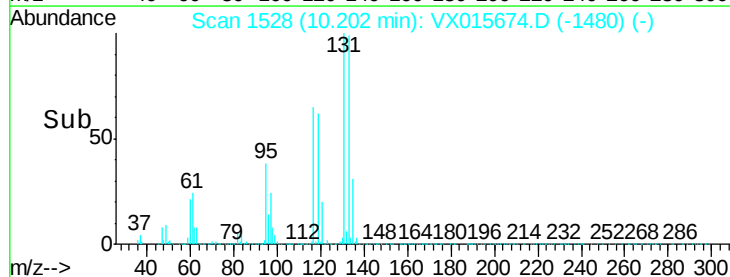
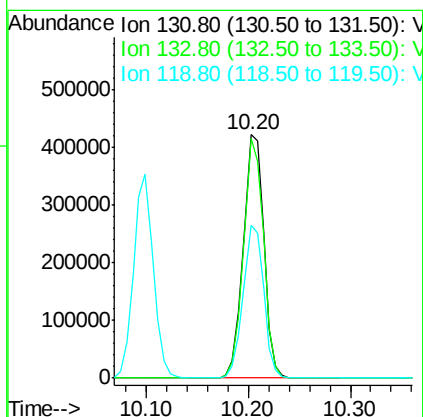
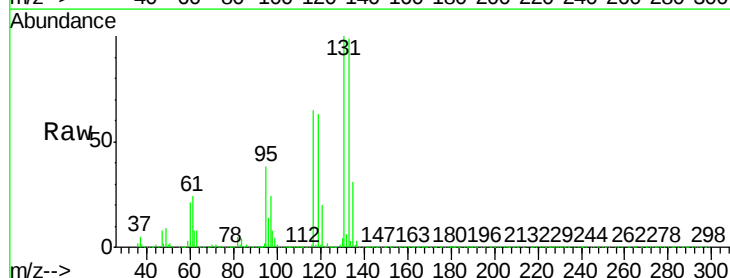
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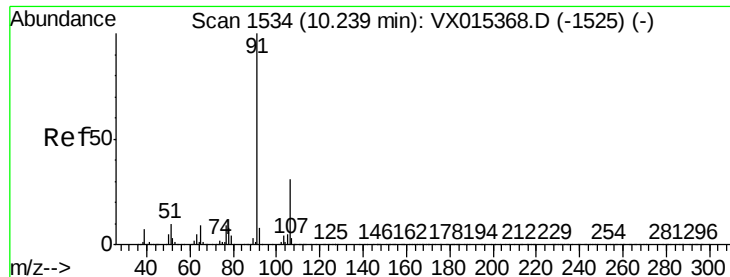
MMDadoda
4/16/2020 11:03:45 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.096 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion:131 Resp: 586734
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.9
119 62.7 31.1 93.3





#67

Ethyl Benzene

Concen: 50.126 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 2659432

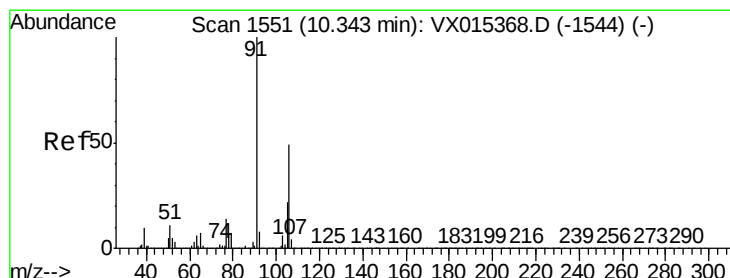
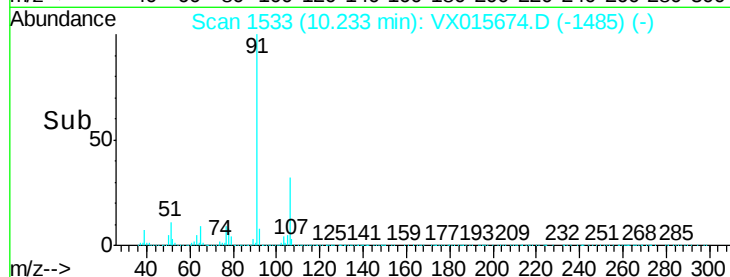
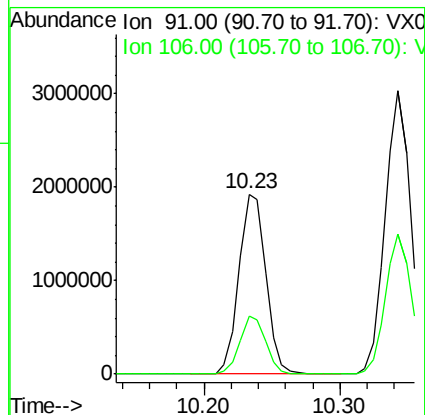
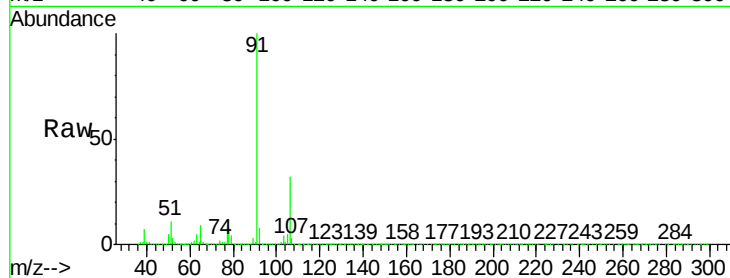
Ion Ratio Lower Upper

91 100

106 32.4 24.8 37.2

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#68

m/p-Xylenes

Concen: 101.739 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015674.D

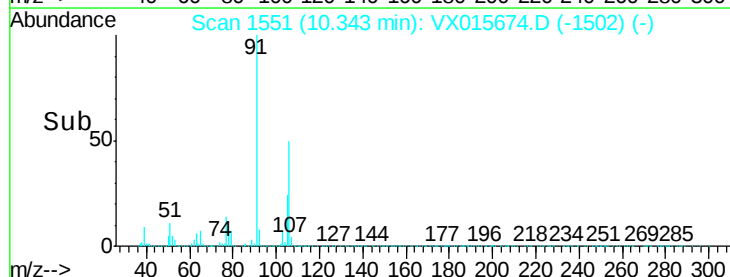
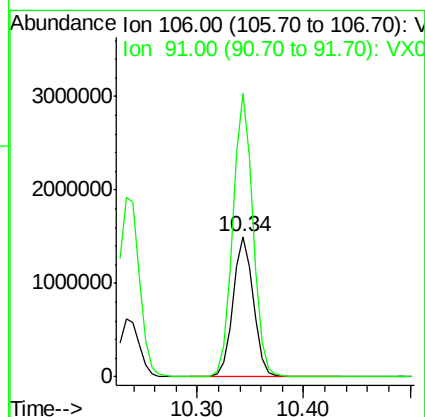
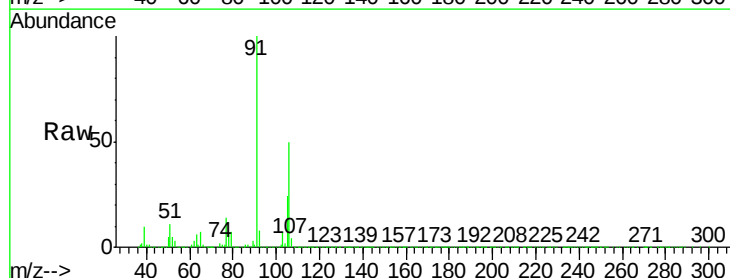
Acq: 15 Apr 2020 11:18

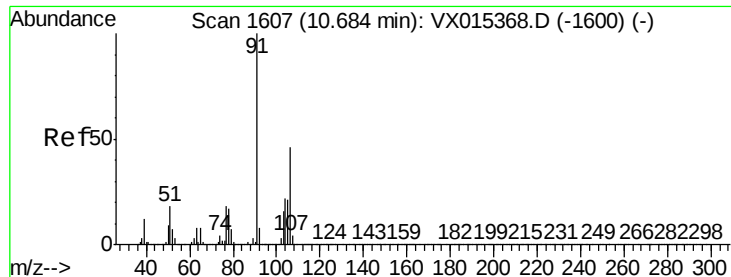
Tgt Ion: 106 Resp: 2009950

Ion Ratio Lower Upper

106 100

91 200.3 163.4 245.0





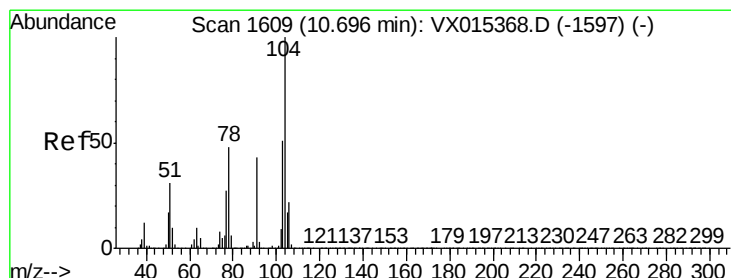
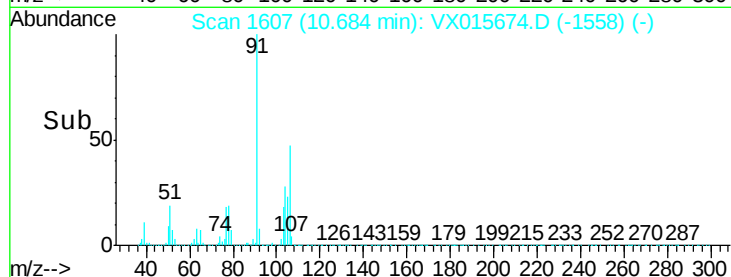
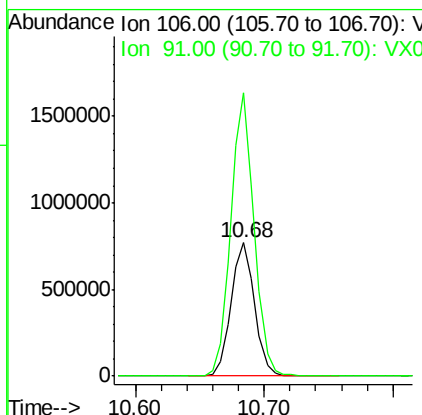
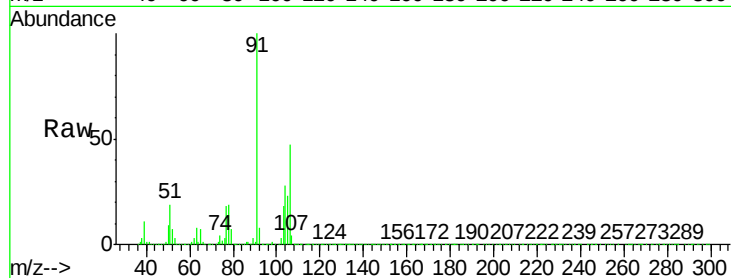
#69
o-Xylene
Concen: 50.445 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.8	107.1	321.3

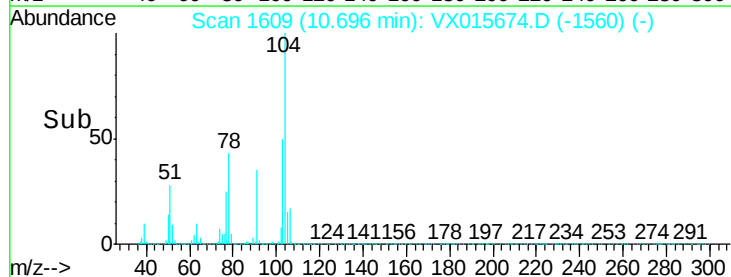
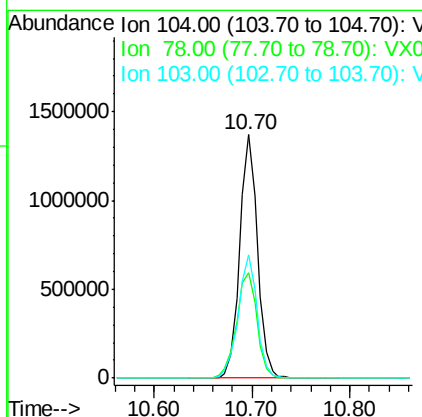
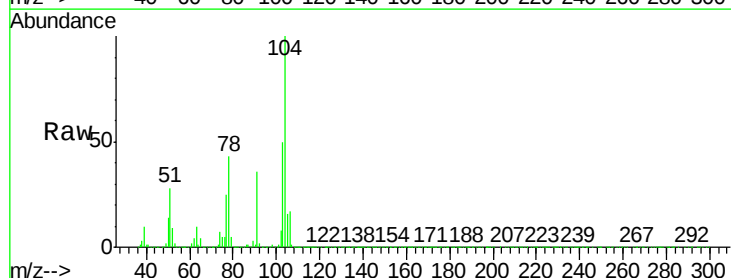
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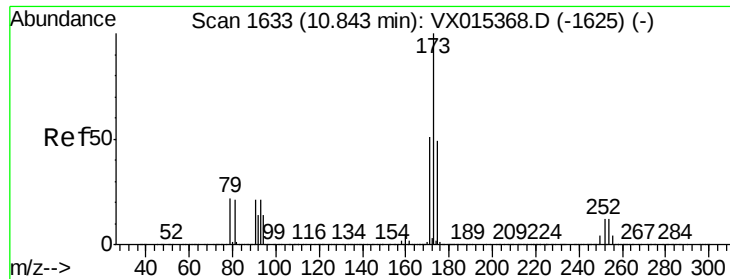
MMDadoda
4/16/2020 11:03:45 AM



#70
Styrene
Concen: 50.212 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	42.0	63.0
103	53.9	43.4	65.0





#71

Bromoform

Concen: 47.647 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 518358

Ion Ratio Lower Upper

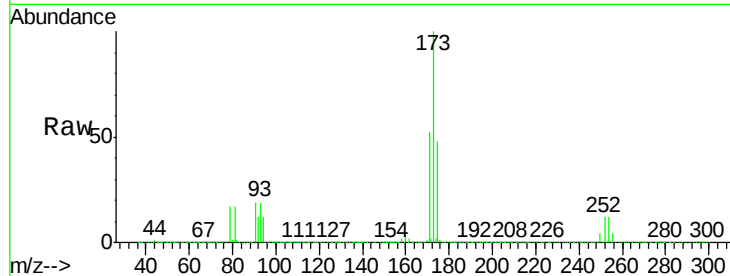
173 100

175 48.7 23.9 71.7

254 0.2 0.1 0.1#

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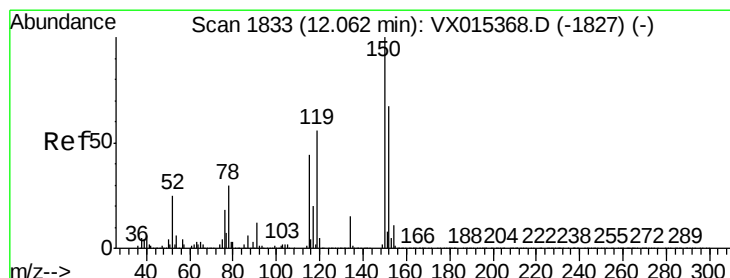
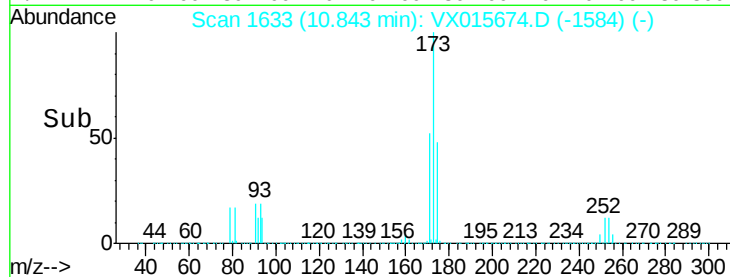
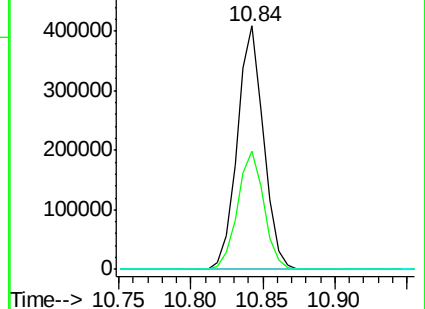
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 1833

Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

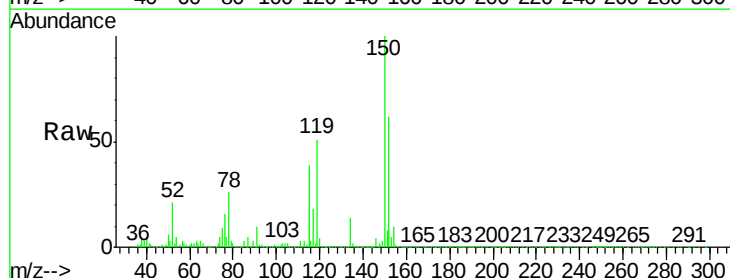
Tgt Ion:152 Resp: 822669

Ion Ratio Lower Upper

152 100

115 77.9 39.0 116.9

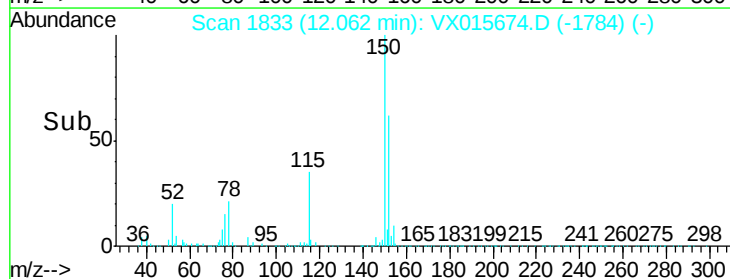
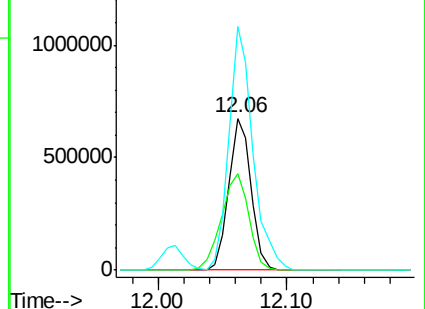
150 172.5 0.0 340.8

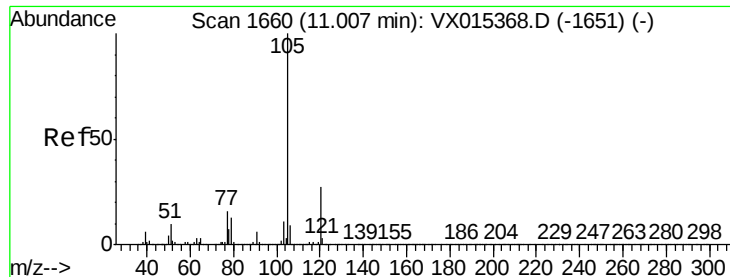


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.607 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2673967

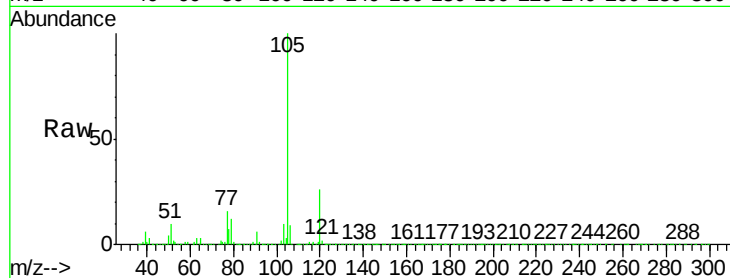
Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5

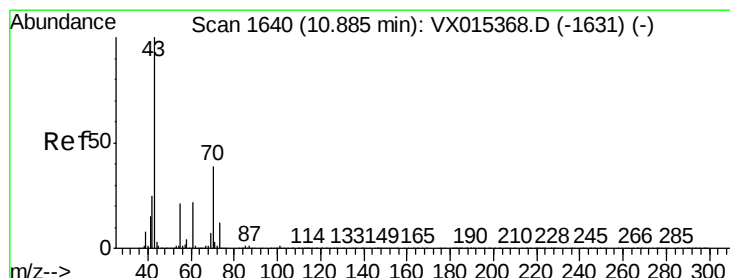
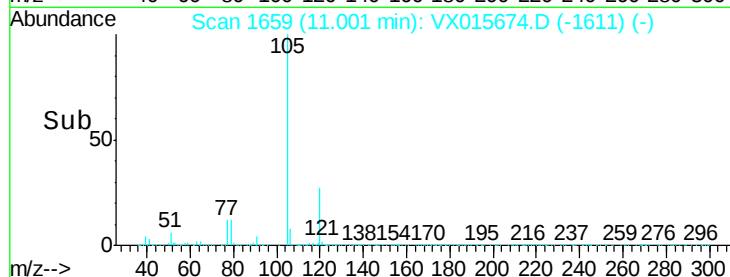
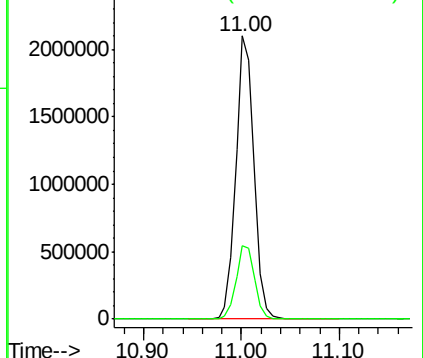
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.632 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Tgt Ion: 43 Resp: 1248123

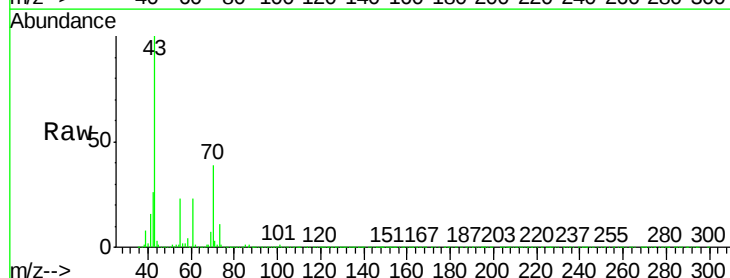
Ion Ratio Lower Upper

43 100

70 39.8 30.2 45.4

55 22.7 16.8 25.2

61 23.2 18.2 27.2

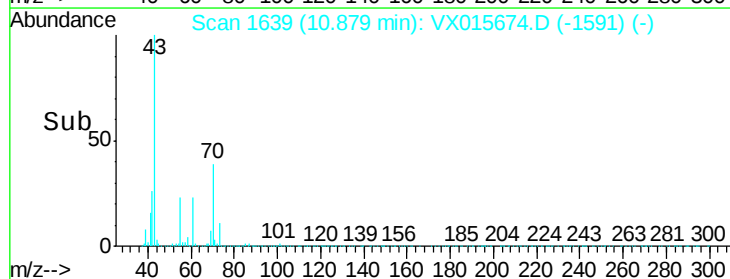
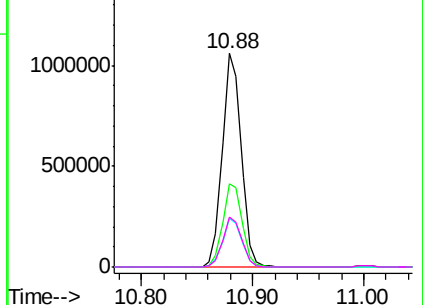


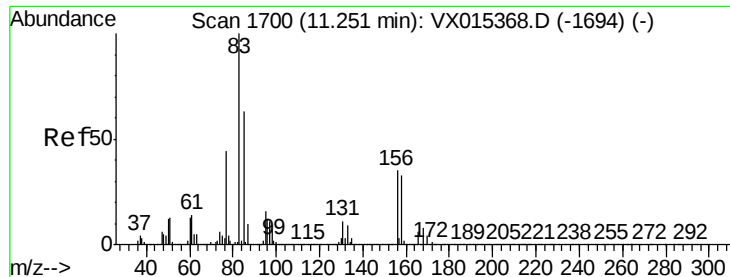
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 44.653 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

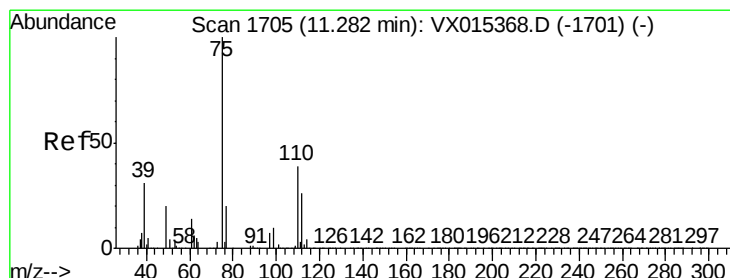
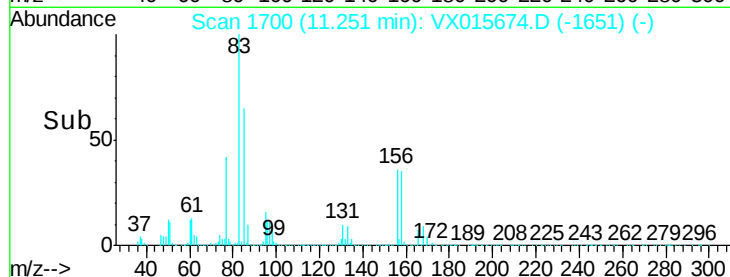
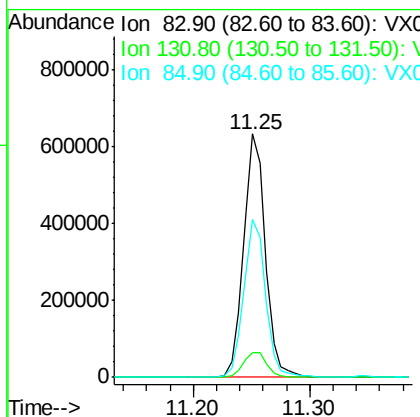
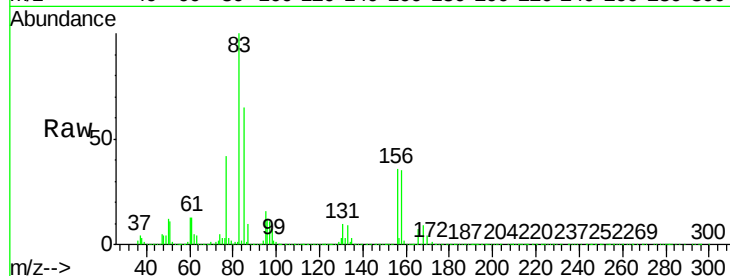
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	825903
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.3	16.1
85	65.2	32.0	96.0

Manual Integrations
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4/16/2020 11:03:45 AM



#76

1,2,3-Trichloropropane

Concen: 46.220 ug/l m

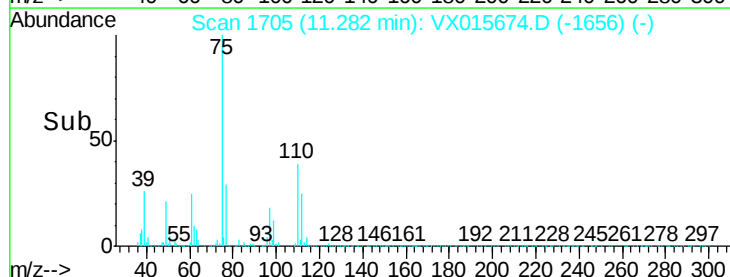
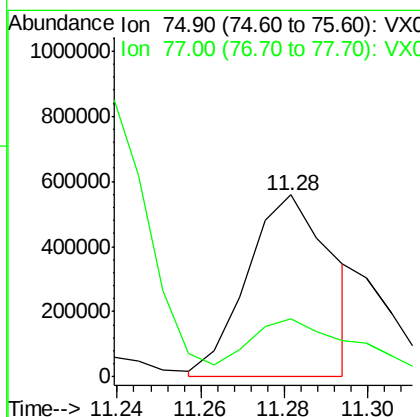
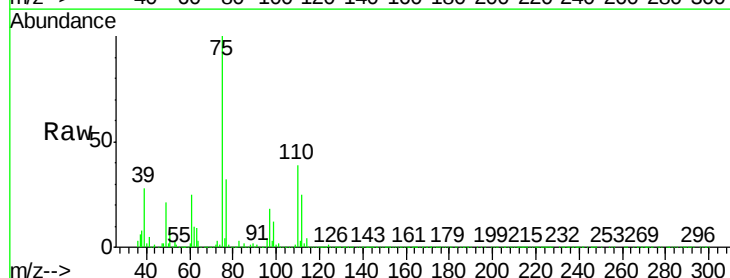
RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Tgt Ion:	75	Resp:	781929
Ion Ratio	Lower	Upper	
75	100		
77	40.3	21.2	63.6





#77

Bromobenzene

Concen: 49.192 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

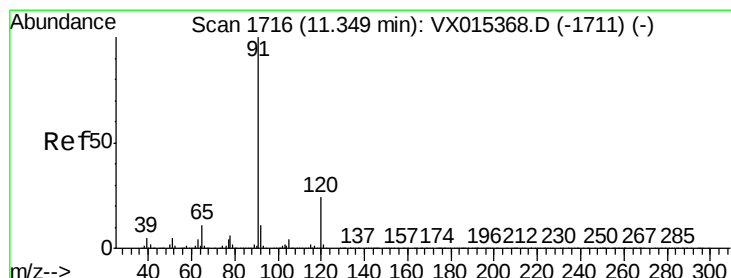
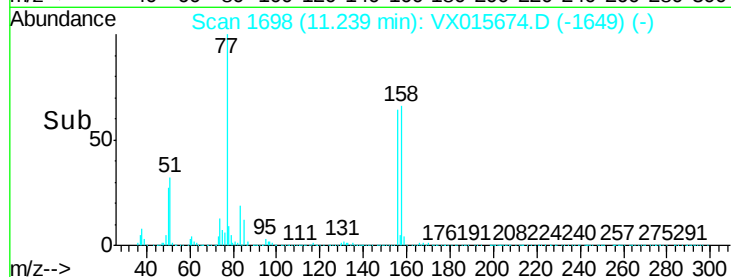
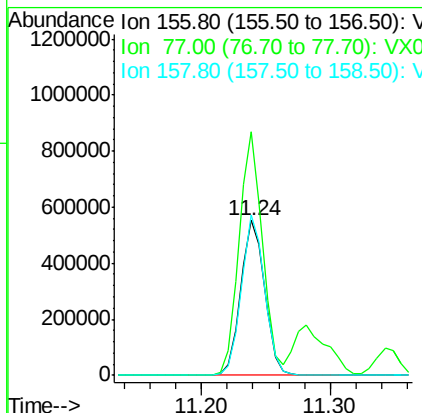
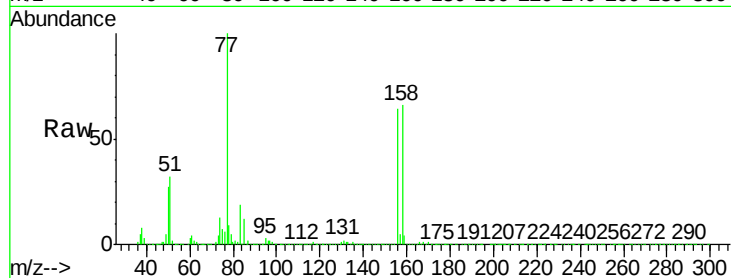
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	707283
Ion Ratio	Lower	Upper	
156	100		
77	153.8	82.2	246.5
158	99.4	49.3	147.9

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#78

n-propylbenzene

Concen: 48.915 ug/l

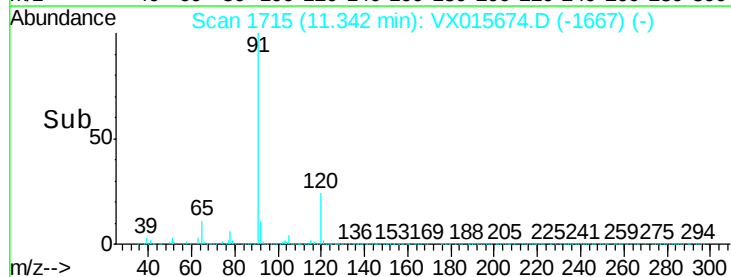
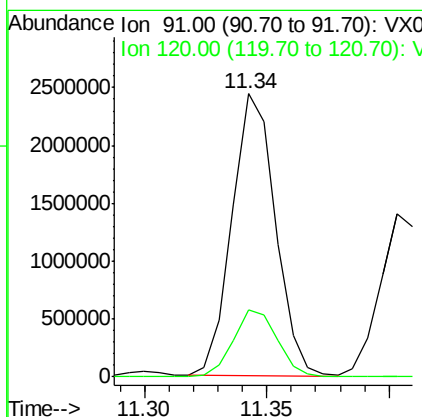
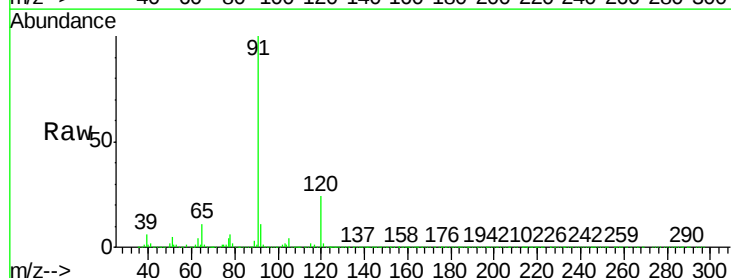
RT: 11.34 min Scan# 1715

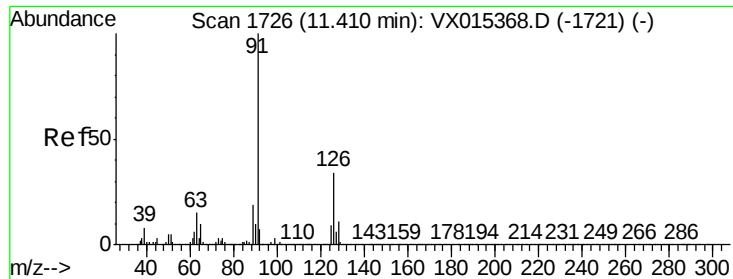
Delta R.T. -0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Tgt Ion:	91	Resp:	3014968
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.7	35.0





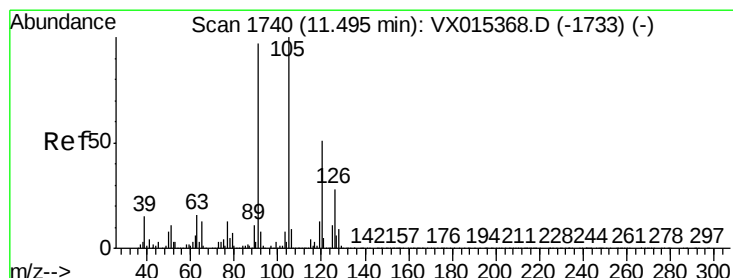
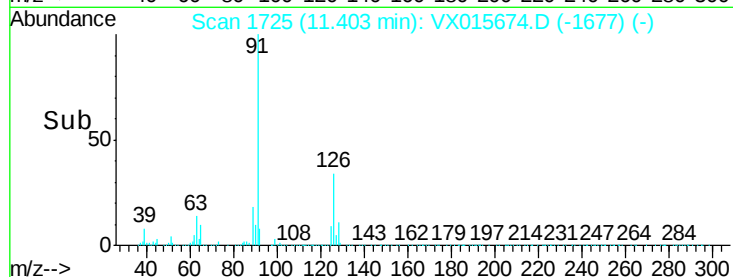
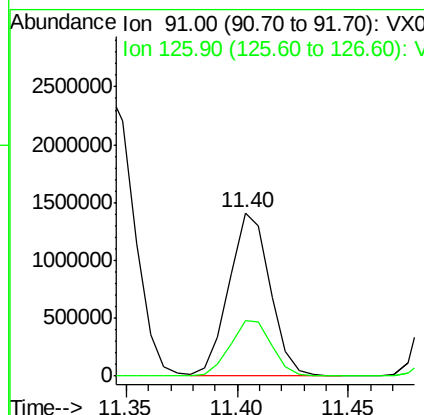
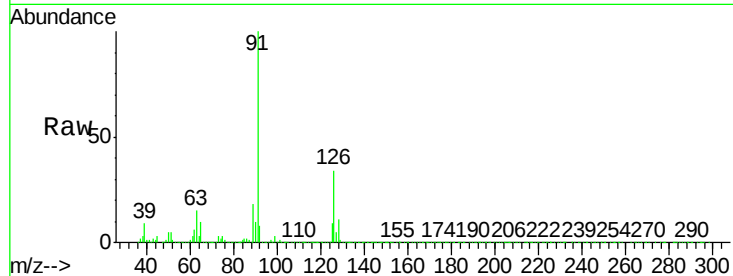
#79
2-Chlorotoluene
Concen: 47.717 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1802674
Ion Ratio Lower Upper
91 100
126 34.8 16.5 49.5

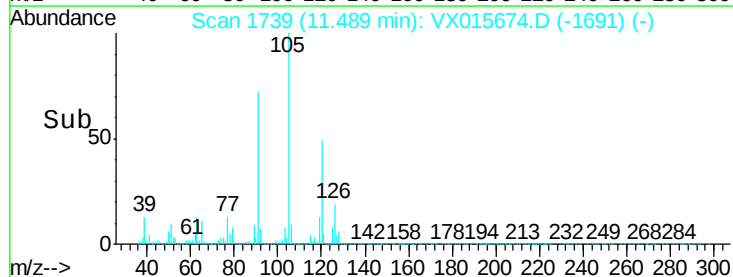
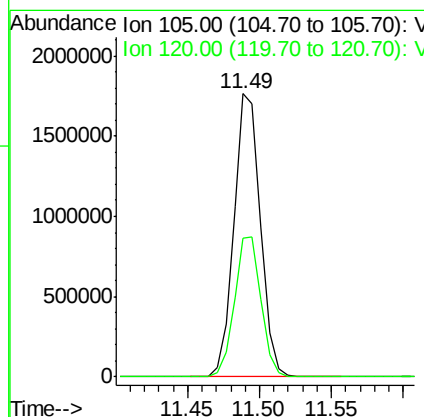
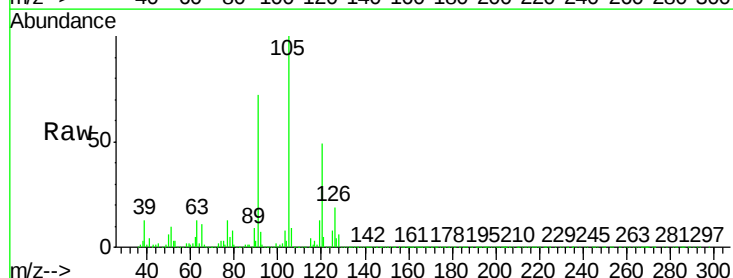
Manual Integrations
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#80
1,3,5-Trimethylbenzene
Concen: 49.163 ug/l
RT: 11.49 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion:105 Resp: 2263214
Ion Ratio Lower Upper
105 100
120 49.7 24.8 74.4





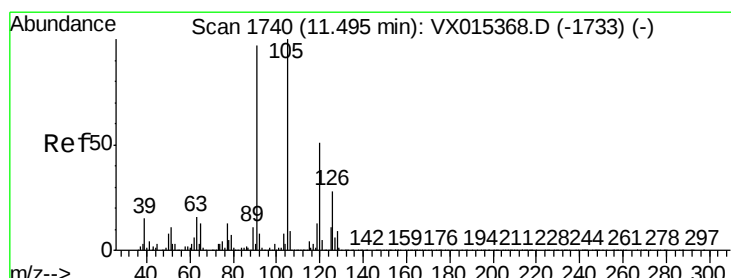
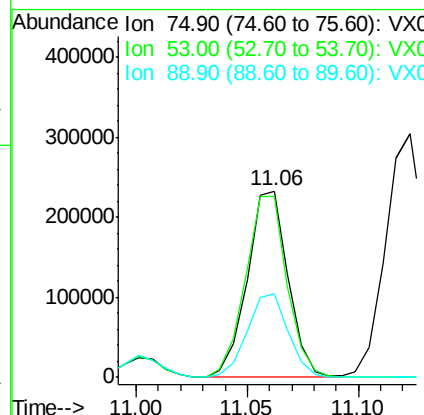
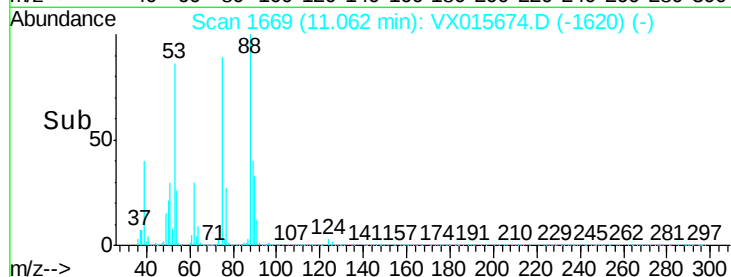
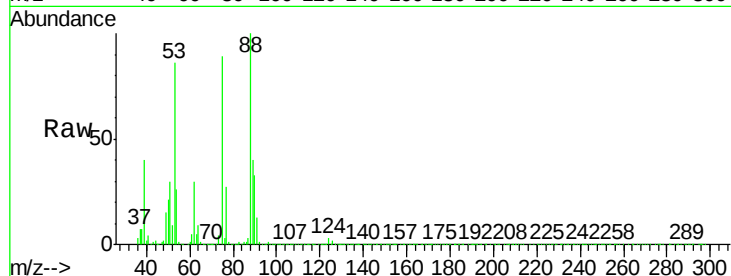
#81
trans-1,4-Dichloro-2-butene
Concen: 41.742 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.3	80.1	120.1
89	46.6	36.1	54.1

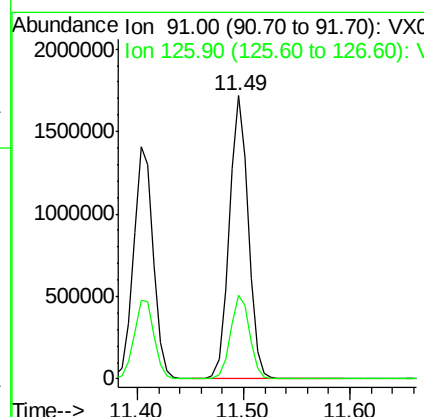
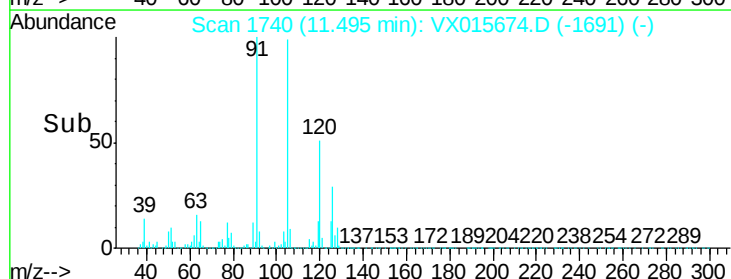
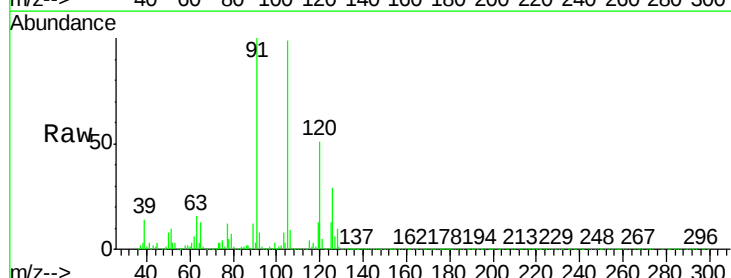
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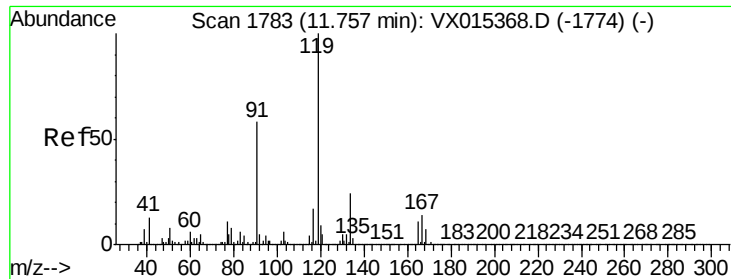
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.276 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.7	44.1





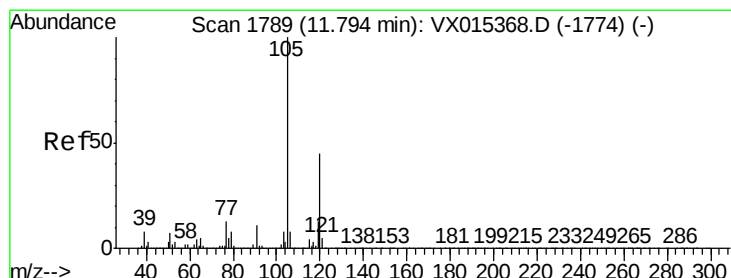
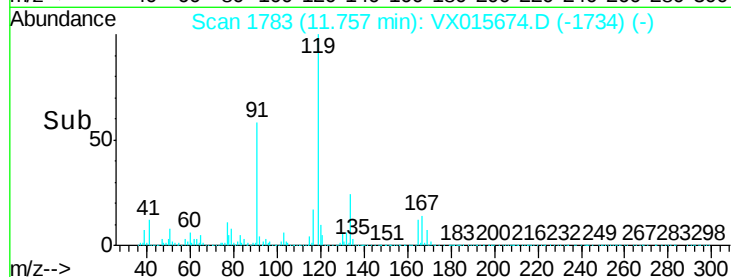
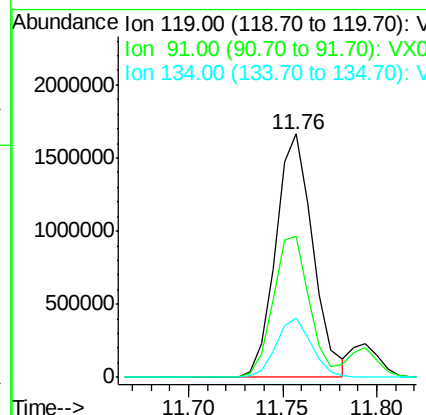
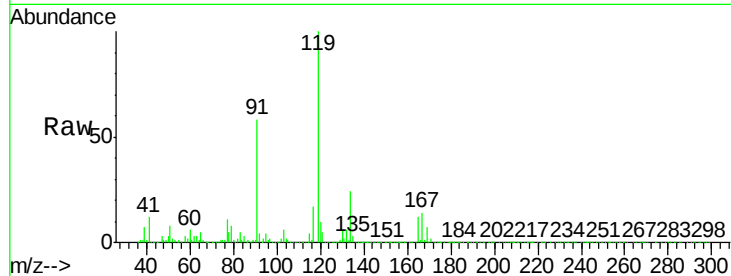
#83
tert-Butylbenzene
Concen: 50.508 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.9	28.6	85.8
134	23.3	11.8	35.3

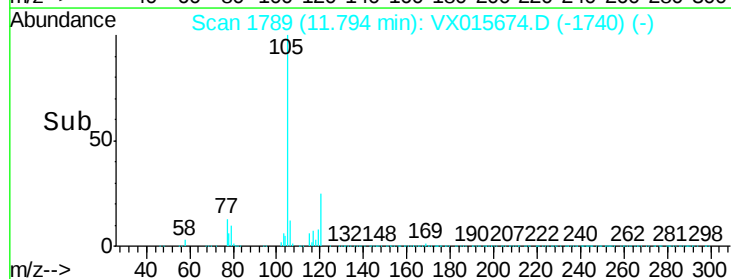
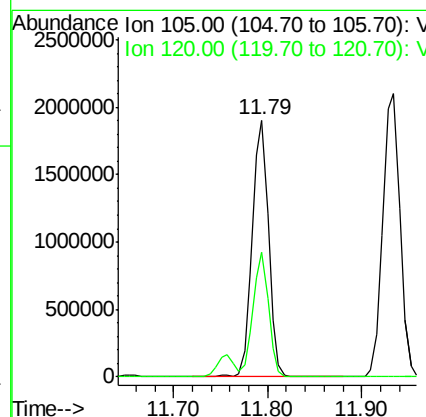
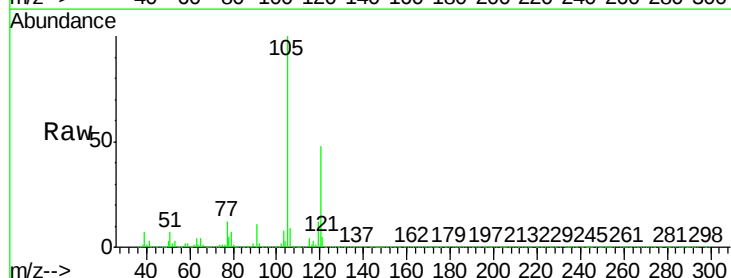
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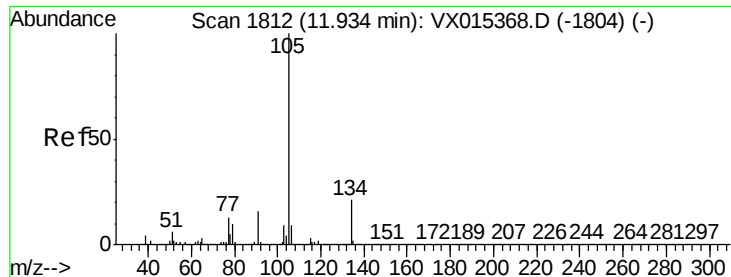
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#84
1,2,4-Trimethylbenzene
Concen: 49.274 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.7	68.1





#85

sec-Butylbenzene

Concen: 51.126 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2658829

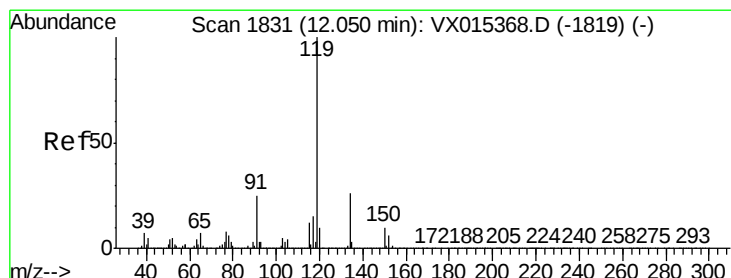
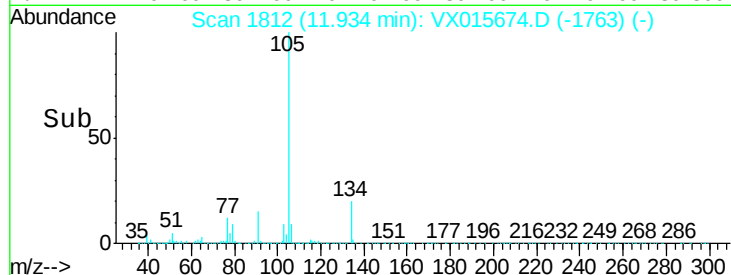
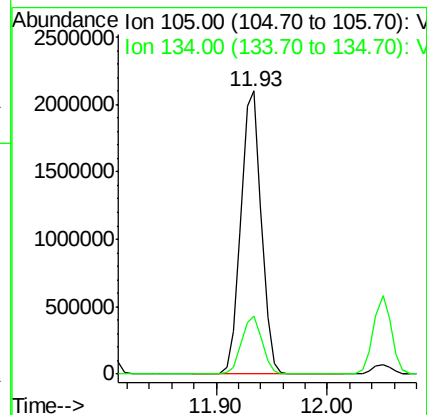
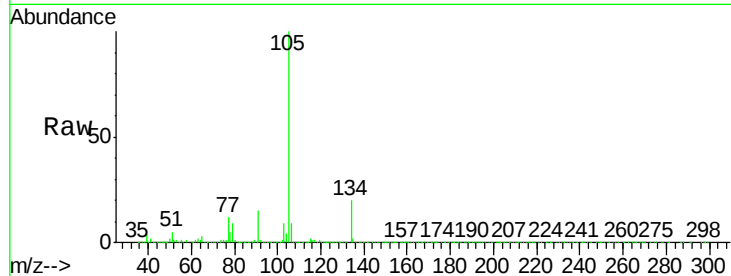
Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 51.715 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

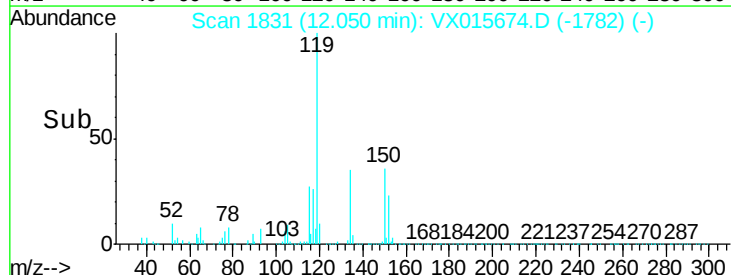
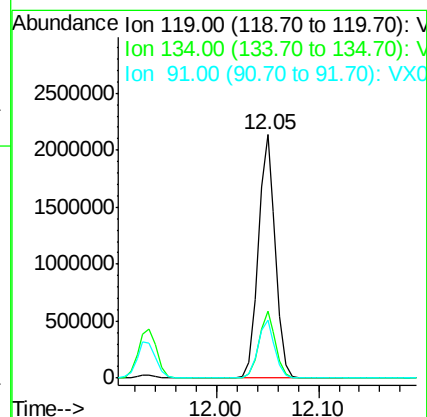
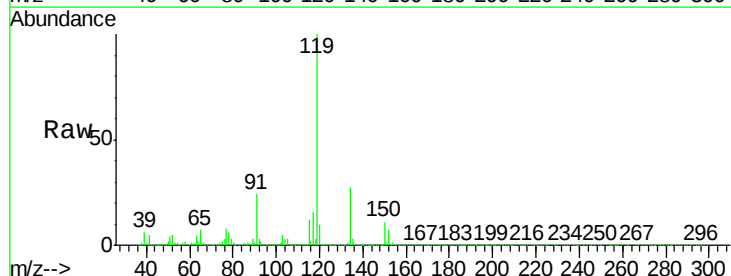
Tgt Ion:119 Resp: 2496768

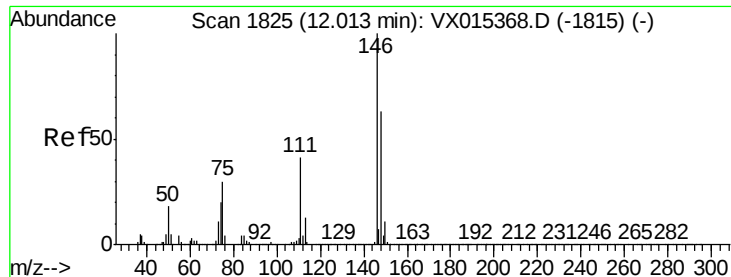
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 23.5 12.4 37.4





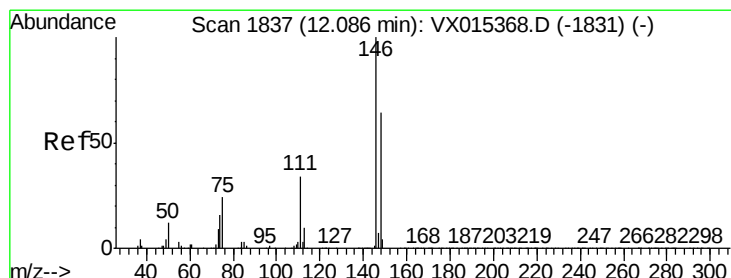
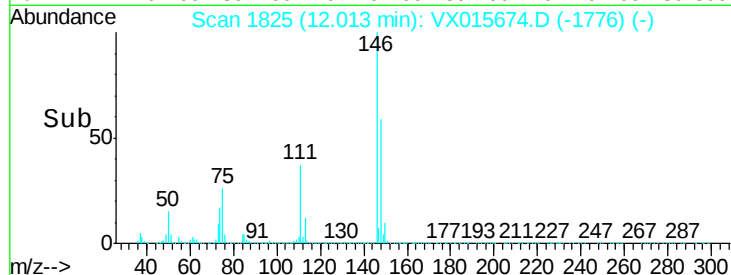
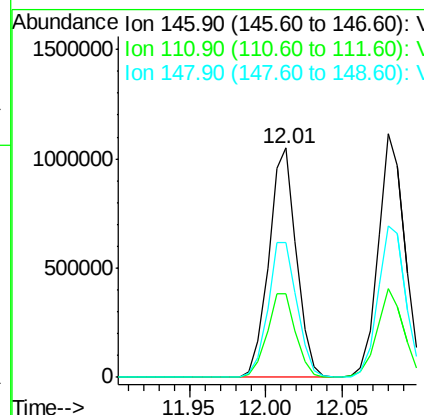
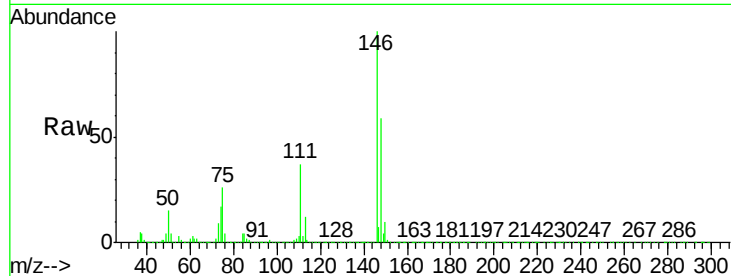
#87
 1,3-Dichlorobenzene
 Concen: 51.229 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015674.D
 Acq: 15 Apr 2020 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	20.3	60.9
148	61.8	31.3	93.9

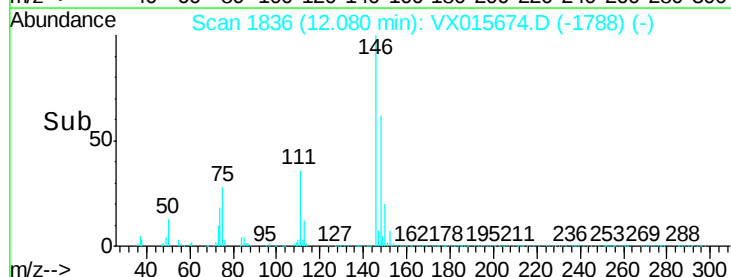
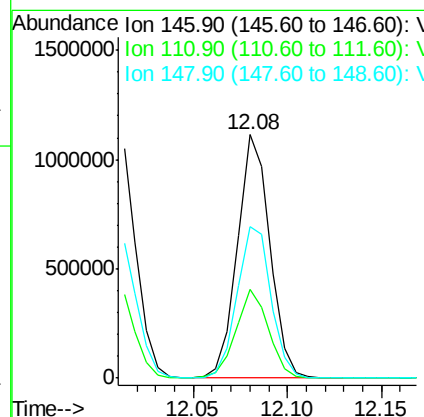
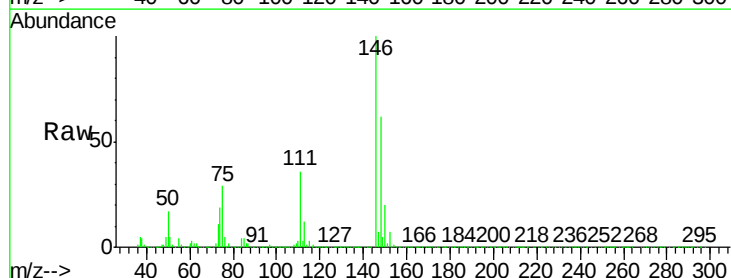
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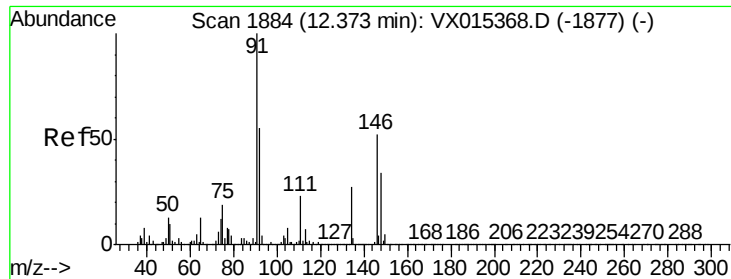
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#88
 1,4-Dichlorobenzene
 Concen: 50.667 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015674.D
 Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	19.1	57.5
148	64.9	32.4	97.2





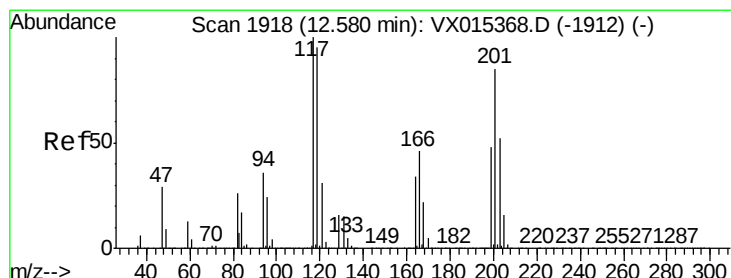
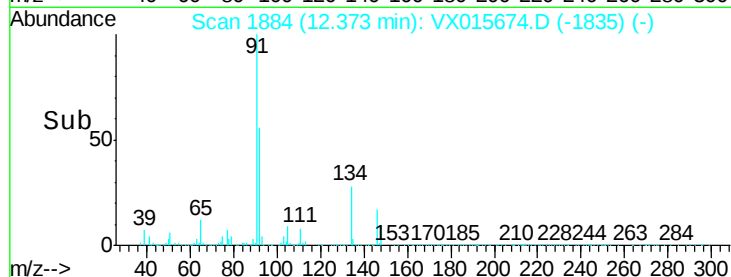
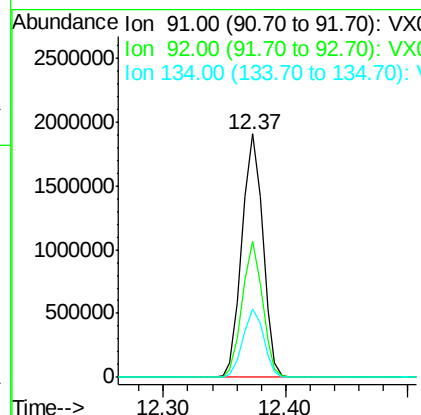
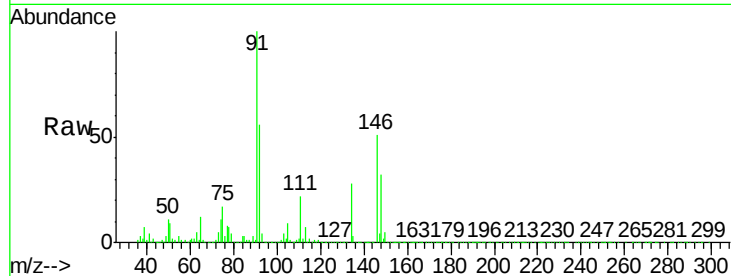
#89
n-Butylbenzene
Concen: 51.316 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2238835
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.5
134 27.9 13.4 40.2

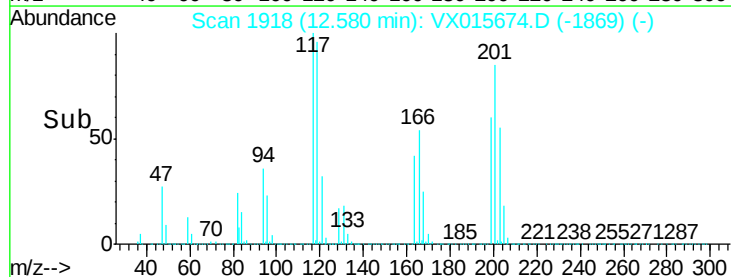
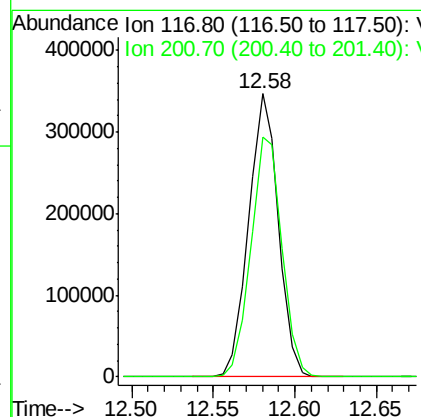
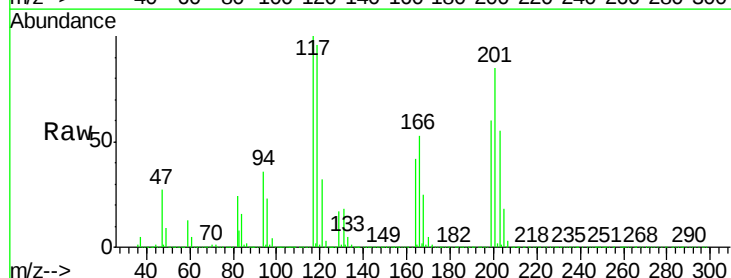
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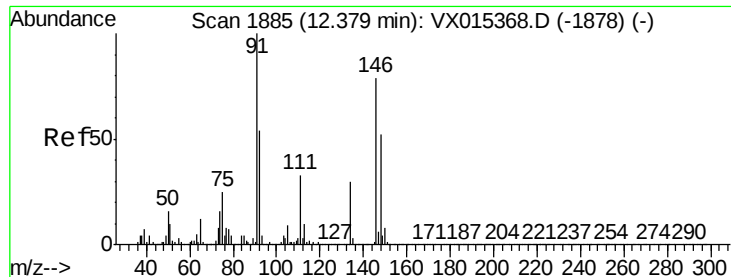
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#90
Hexachloroethane
Concen: 46.800 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion: 117 Resp: 439772
Ion Ratio Lower Upper
117 100
201 88.6 42.6 128.0





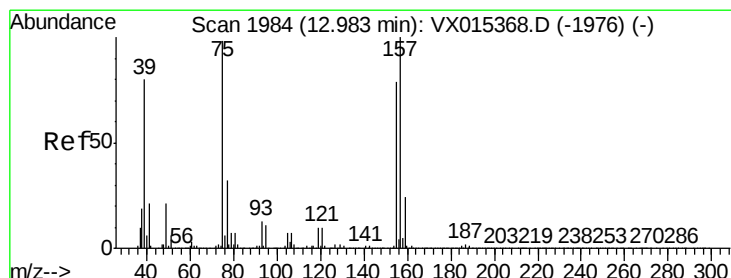
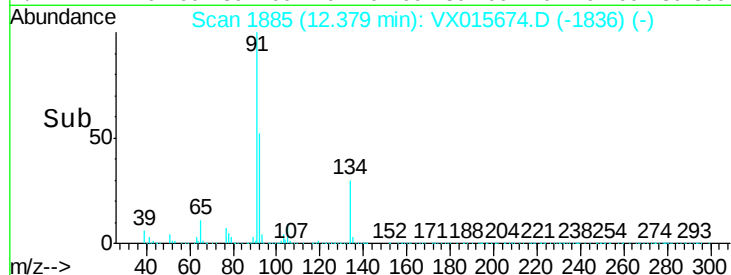
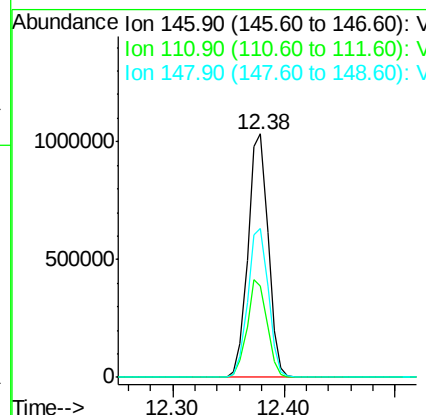
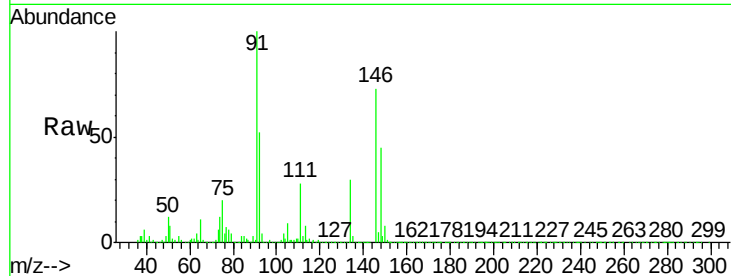
#91
 1,2-Dichlorobenzene
 Concen: 51.492 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015674.D
 Acq: 15 Apr 2020 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	21.0	63.0
148	62.3	32.4	97.0

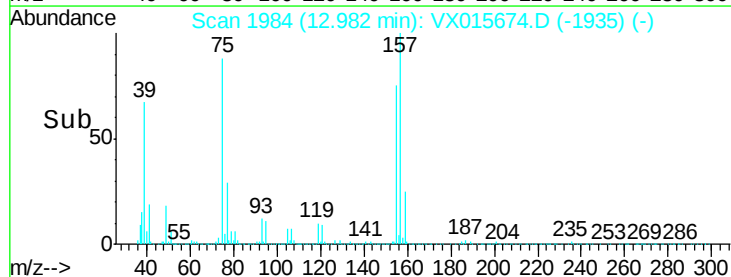
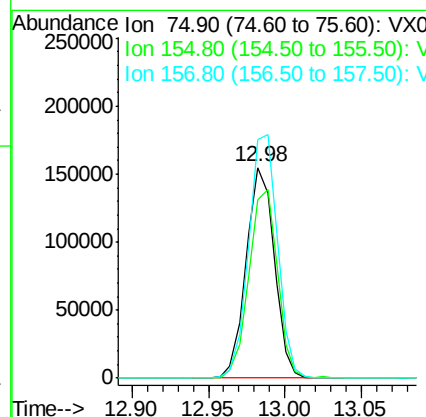
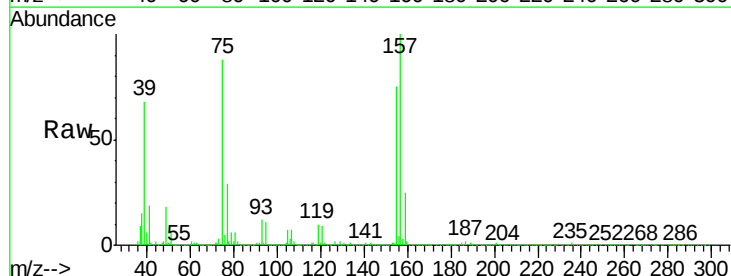
Manual Integrations
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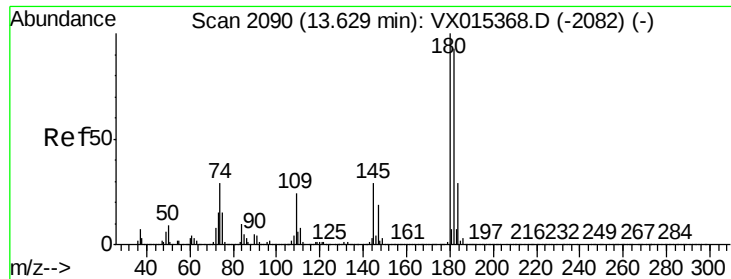
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 4/16/2020 11:03:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 38.211 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015674.D
 Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.4	42.8	128.4
157	118.0	53.4	160.3





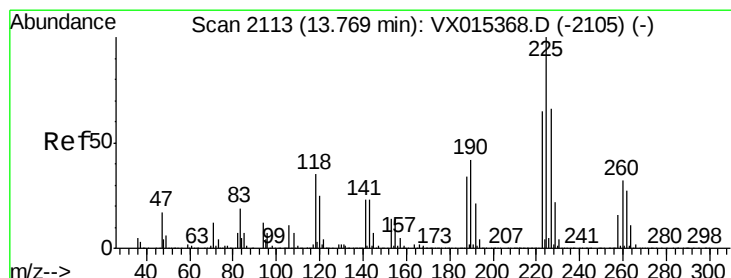
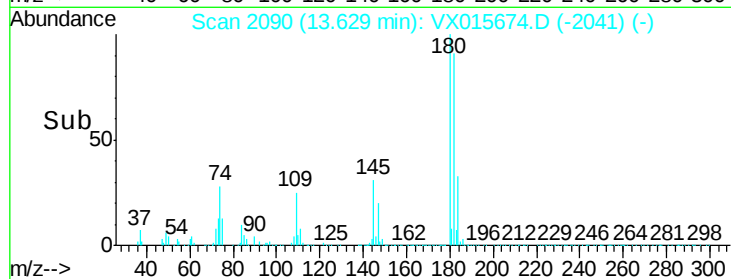
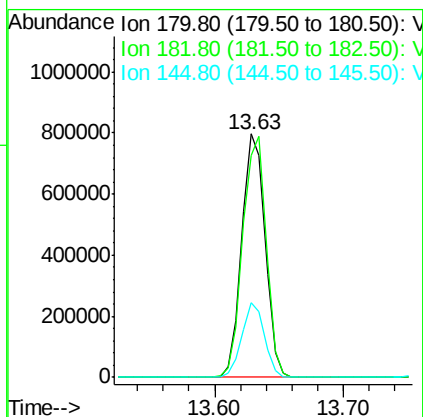
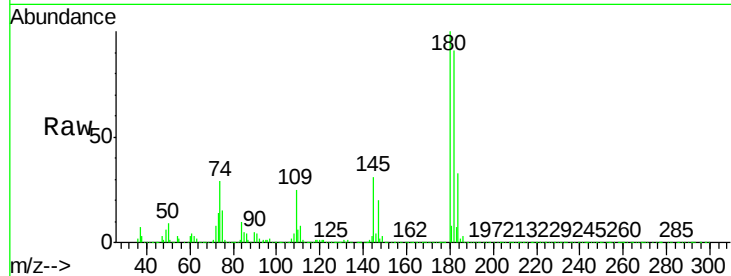
#93
1,2,4-Trichlorobenzene
Concen: 50.120 ug/l
RT: 13.63 min Scan# 2090
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	998622		
182	99.1	46.9	140.7	
145	29.4	14.9	44.5	

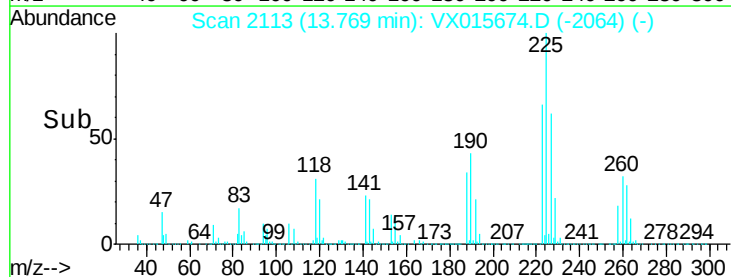
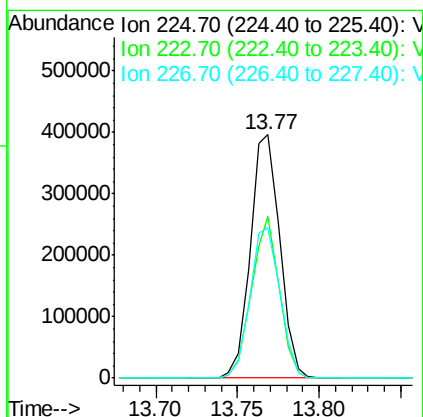
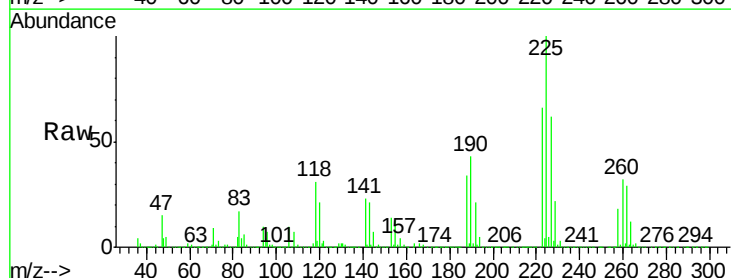
Manual Integrations
APPROVED

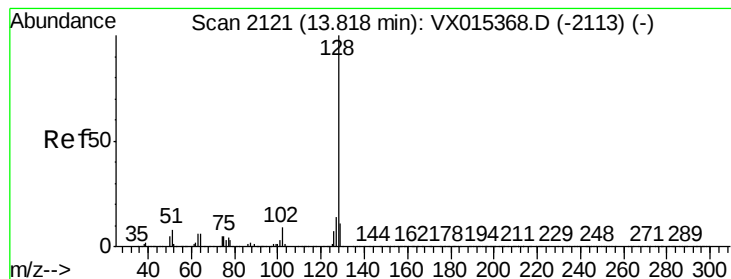
MMDadoda
4/16/2020 11:03:45 AM



#94
Hexachlorobutadiene
Concen: 52.654 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VX015674.D
Acq: 15 Apr 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	499494		
223	62.3	31.9	95.7	
227	63.0	30.4	91.3	





#95

Naphthalene

Concen: 48.561 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 2951399

Ion Ratio Lower Upper

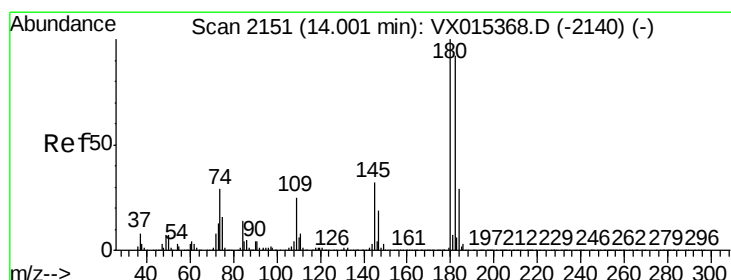
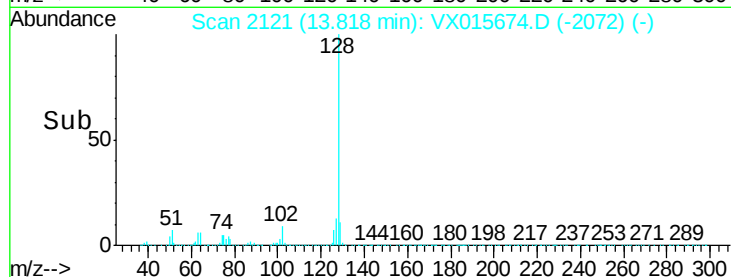
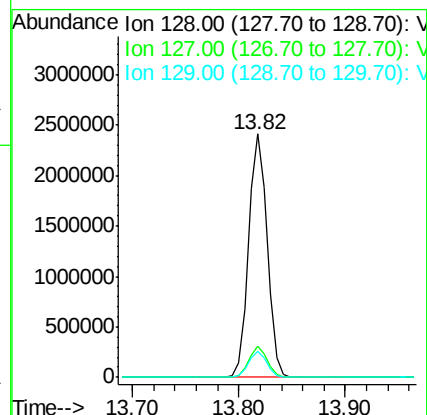
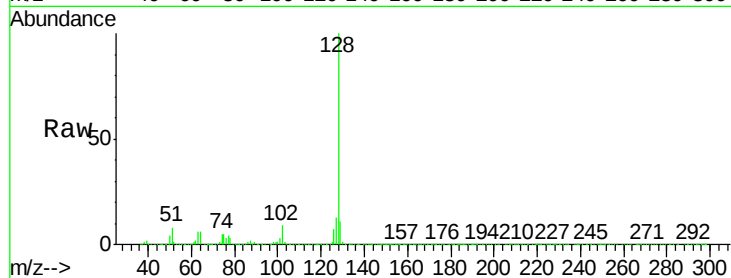
128 100

127 12.4 10.6 15.8

129 10.7 8.8 13.2

Manual Integrations
APPROVED

MMDadoda
4/16/2020 11:03:45 AM



#96

1,2,3-Trichlorobenzene

Concen: 53.350 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.01 min

Lab File: VX015674.D

Acq: 15 Apr 2020 11:18

Tgt Ion:180 Resp: 1023425

Ion Ratio Lower Upper

180 100

182 95.5 46.7 140.0

145 30.5 15.8 47.3

