

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011020\
 Data File : VX014550.D
 Acq On : 10 Jan 2020 20:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:08 AM

Quant Time: Jan 11 00:28:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	457051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	696343	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	628660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	312899	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	260349	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	5.49	113	212489	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	8.71	98	822559	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	291946	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	282077	49.712	ug/l	100
3) Chloromethane	1.32	50	299084	51.336	ug/l	100
4) Vinyl Chloride	1.40	62	343820	52.961	ug/l	97
5) Bromomethane	1.63	94	215919	50.175	ug/l	99
6) Chloroethane	1.72	64	191391	54.210	ug/l	99
7) Trichlorofluoromethane	1.92	101	362658	49.245	ug/l	99
8) Diethyl Ether	2.18	74	167583	49.879	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	218023	48.662	ug/l	98
10) Methyl Iodide	2.50	142	302153	56.321	ug/l	99
11) Tert butyl alcohol	3.03	59	281858	264.571	ug/l	98
12) 1,1-Dichloroethene	2.37	96	218413	48.385	ug/l	97
13) Acrolein	2.28	56	210606	246.641	ug/l	99
14) Allyl chloride	2.72	41	396610	50.044	ug/l	100
15) Acrylonitrile	3.13	53	679078	264.106	ug/l	99
16) Acetone	2.43	43	740909	290.287	ug/l	99
17) Carbon Disulfide	2.56	76	576528	45.773	ug/l	100
18) Methyl Acetate	2.76	43	427378	58.279	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	755759	52.154	ug/l	99
20) Methylene Chloride	2.85	84	259910	50.637	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	239584	48.616	ug/l	94
22) Diisopropyl ether	3.84	45	813893	53.141	ug/l	95
23) Vinyl Acetate	3.80	43	2264434	190.967	ug/l	99
24) 1,1-Dichloroethane	3.69	63	435800	52.306	ug/l	100
25) 2-Butanone	4.66	43	1019520	267.503	ug/l	99
26) 2,2-Dichloropropane	4.58	77	315223	44.662	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	275212	49.956	ug/l	99
28) Bromochloromethane	5.00	49	175962	50.121	ug/l	97
29) Tetrahydrofuran	5.11	42	610001	270.708	ug/l	100
30) Chloroform	5.20	83	426875	52.432	ug/l	98
31) Cyclohexane	5.58	56	397850	51.015	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	359242	51.549	ug/l	99
36) 1,1-Dichloropropene	5.79	75	318142	48.583	ug/l	99
37) Ethyl Acetate	4.82	43	367850	51.715	ug/l	99
38) Carbon Tetrachloride	5.78	117	302704	50.232	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	397538	48.320	ug/l	99
40) Benzene	6.14	78	992403	51.061	ug/l	100
41) Methacrylonitrile	5.03	41	204979	54.039	ug/l	98
42) 1,2-Dichloroethane	6.19	62	343716	50.580	ug/l	100
43) Isopropyl Acetate	6.43	43	603973	52.563	ug/l	100
44) Trichloroethene	7.21	130	283158	50.696	ug/l	97
45) 1,2-Dichloropropane	7.51	63	262719	53.020	ug/l	99
46) Dibromomethane	7.65	93	166131	48.036	ug/l	98
47) Bromodichloromethane	7.89	83	329058	52.289	ug/l	98
48) Methyl methacrylate	7.76	41	296783	53.928	ug/l	99
49) 1,4-Dioxane	7.73	88	119372	1023.682	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1905950	272.201	ug/l	99
52) Toluene	8.78	92	618636	49.723	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	359773	49.105	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	402300	50.831	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	255865	51.200	ug/l	99
56) Ethyl methacrylate	9.17	69	410255	53.585	ug/l	99
57) 1,3-Dichloropropane	9.37	76	430972	51.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	706961	271.399	ug/l	99
59) 2-Hexanone	9.48	43	1497326	270.261	ug/l	100
60) Dibromochloromethane	9.58	129	266572	53.071	ug/l	100
61) 1,2-Dibromoethane	9.67	107	267810	50.591	ug/l	100
64) Tetrachloroethene	9.33	164	389874	61.879	ug/l	98
65) Chlorobenzene	10.14	112	664243	48.688	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	246329	50.594	ug/l	98
67) Ethyl Benzene	10.25	91	1172076	50.404	ug/l	98
68) m/p-Xylenes	10.36	106	892526	99.489	ug/l	98
69) o-Xylene	10.70	106	437024	51.057	ug/l	100
70) Styrene	10.71	104	748249	50.654	ug/l	100
71) Bromoform	10.85	173	203436	51.070	ug/l	98
73) Isopropylbenzene	11.01	105	1142971	52.019	ug/l	99
74) N-amyl acetate	10.89	43	525601	54.220	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	356850	50.643	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	320683m	49.534	ug/l	
77) Bromobenzene	11.25	156	302969	49.721	ug/l	100
78) n-propylbenzene	11.35	91	1297682	51.570	ug/l	100
79) 2-Chlorotoluene	11.42	91	763273	50.894	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	954218	52.308	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	126562	51.685	ug/l	97
82) 4-Chlorotoluene	11.51	91	886579	50.362	ug/l	99
83) tert-Butylbenzene	11.76	119	812126	47.117	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	964033	52.299	ug/l	99
85) sec-Butylbenzene	11.94	105	1107591	51.690	ug/l	100
86) p-Isopropyltoluene	12.06	119	1012718	50.932	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	531980	48.647	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	529098	51.518	ug/l	99
89) n-Butylbenzene	12.39	91	880904	48.454	ug/l	100
90) Hexachloroethane	12.59	117	177786	50.903	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	532459	49.697	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	84610	53.381	ug/l	98

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Instrument :
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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	364473	48.467	ug/l	100
94) Hexachlorobutadiene	13.78	225	171356	48.657	ug/l	99
95) Naphthalene	13.83	128	1127327	48.301	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	366127	49.610	ug/l	99

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

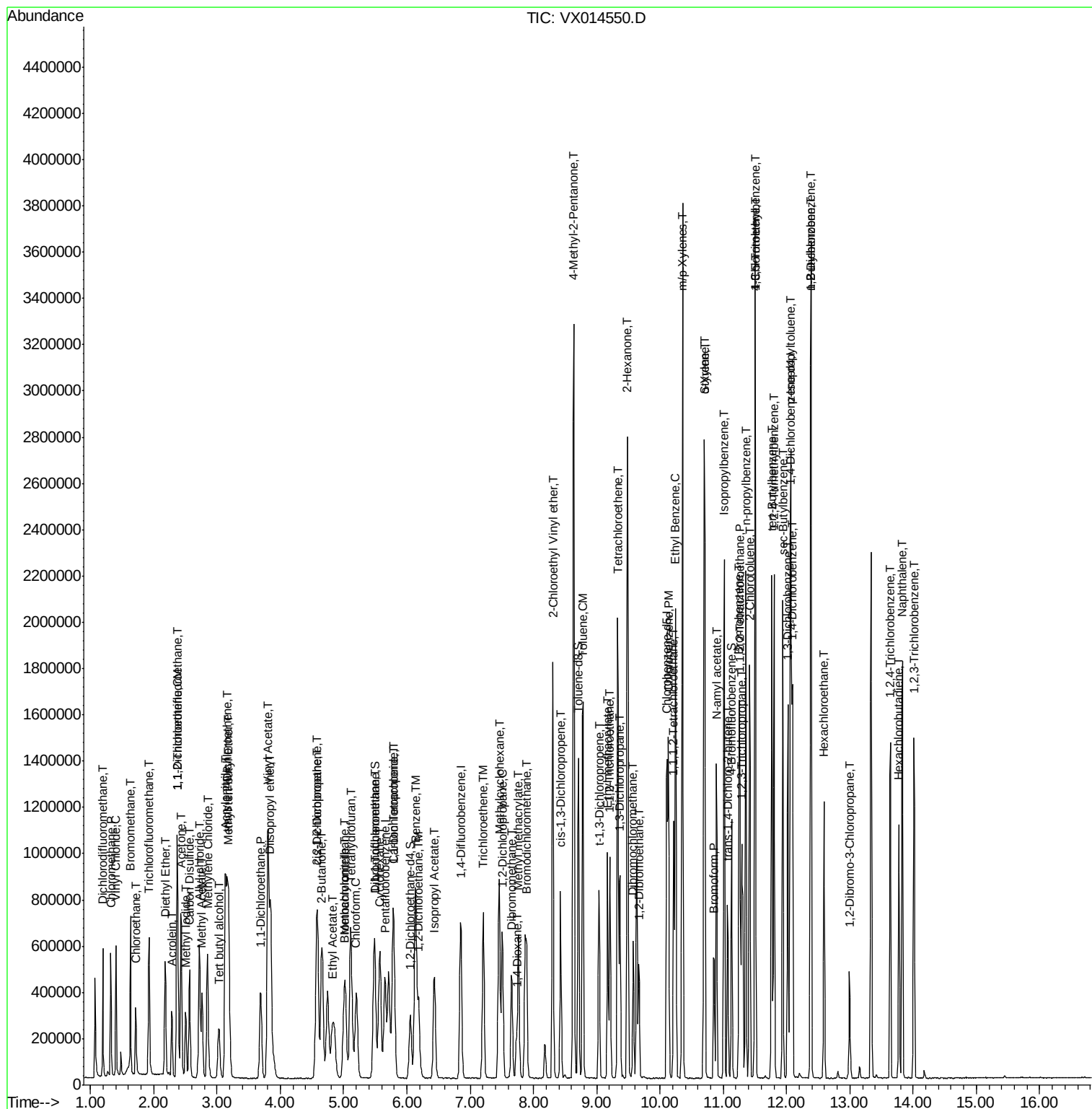
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014550.D
 Acq On : 10 Jan 2020 20:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
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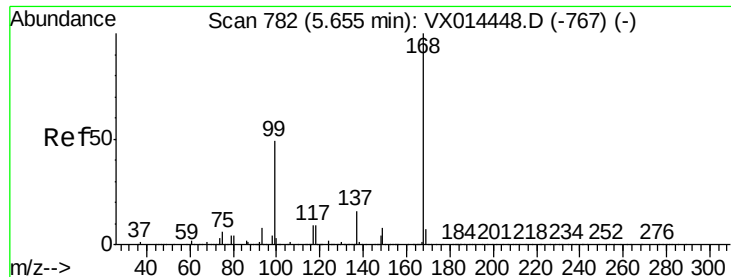
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 457051

Ion Ratio Lower Upper

168 100

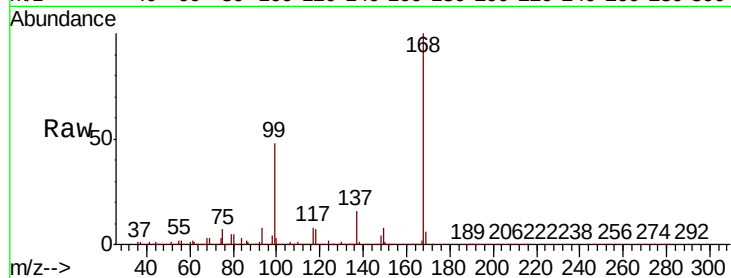
99 48.3 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

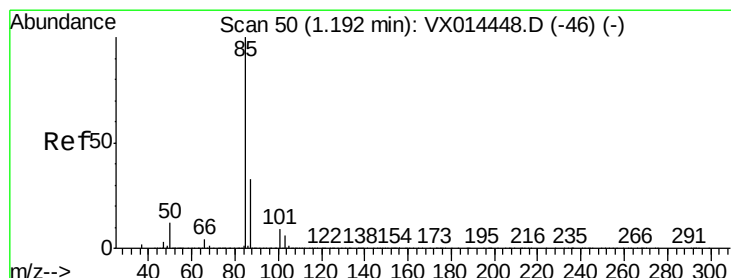
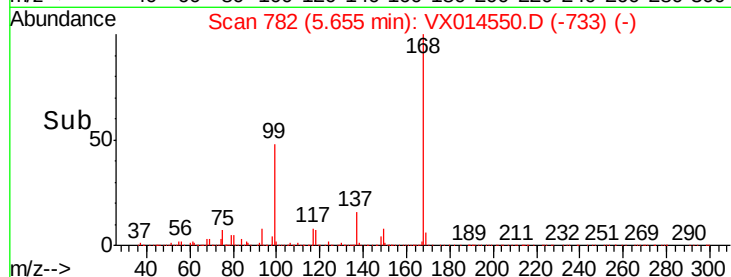
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.712 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014550.D

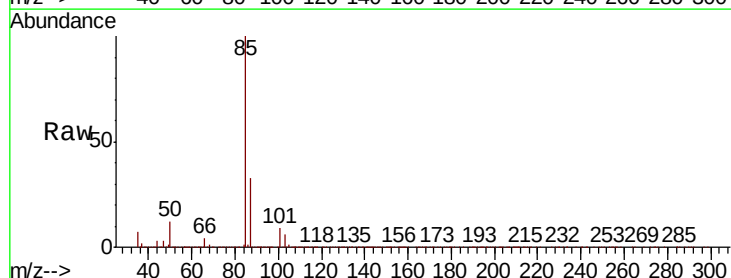
Acq: 10 Jan 2020 20:37

Tgt Ion: 85 Resp: 282077

Ion Ratio Lower Upper

85 100

87 33.3 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

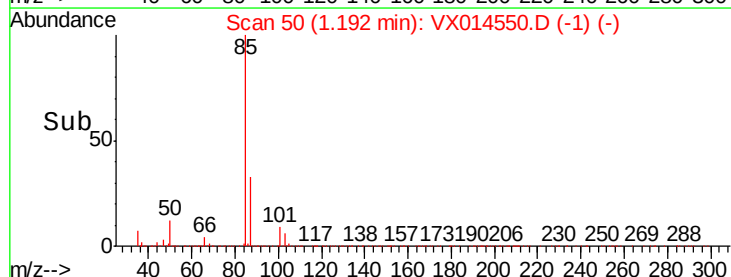
200000

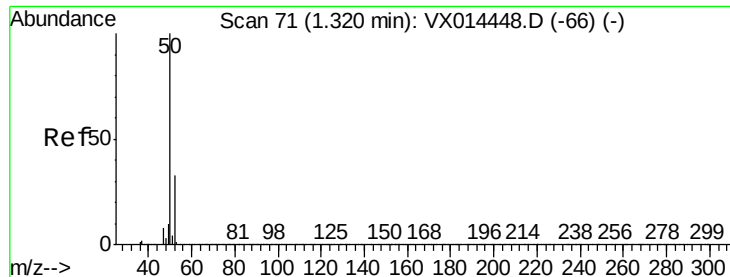
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0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 51.336 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 299084

Ion Ratio Lower Upper

50 100

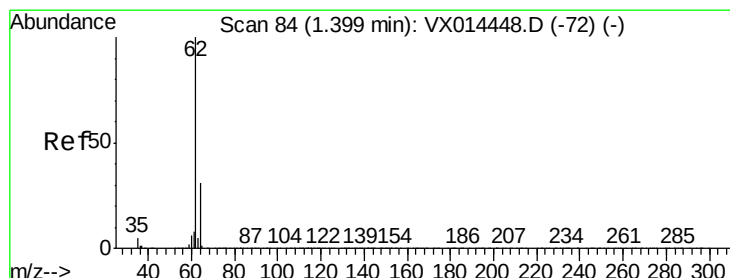
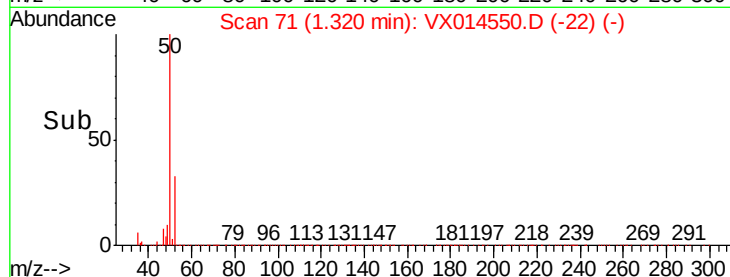
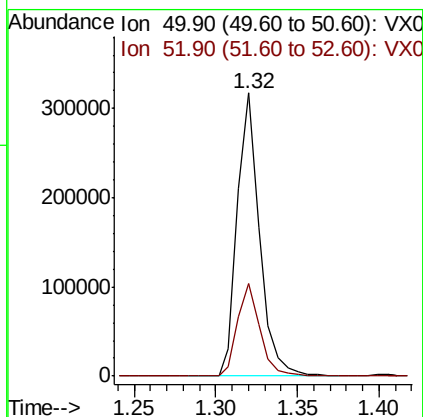
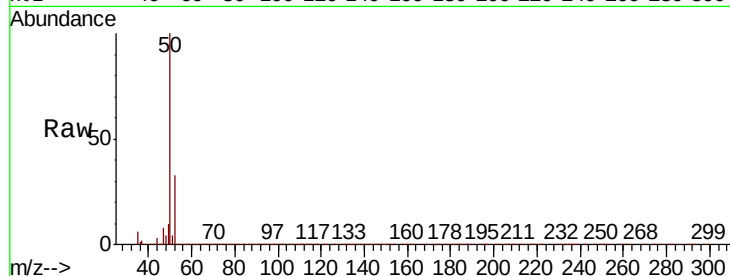
52 32.6 26.1 39.1

Manual Integrations

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1/13/2020 11:34:08 AM



#4

Vinyl Chloride

Concen: 52.961 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014550.D

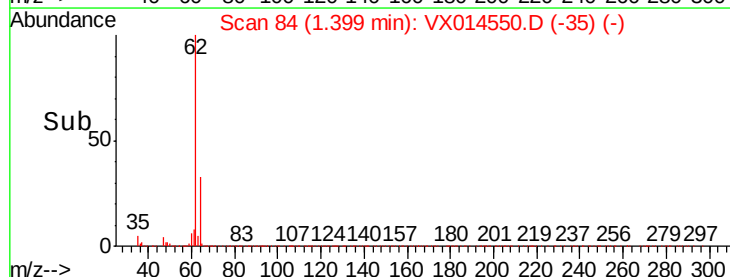
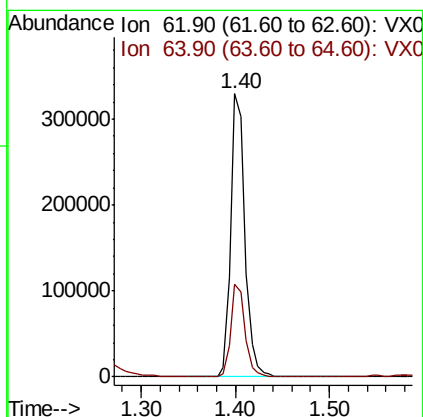
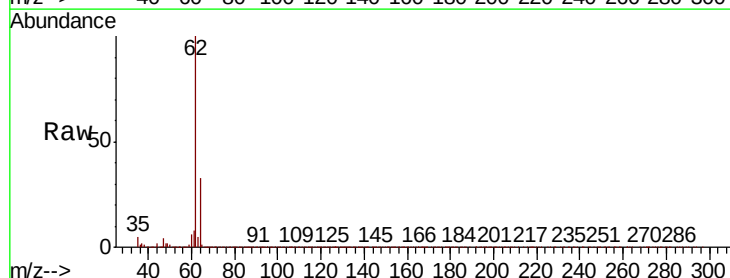
Acq: 10 Jan 2020 20:37

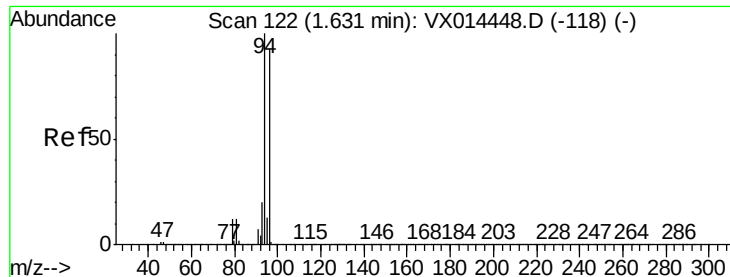
Tgt Ion: 62 Resp: 343820

Ion Ratio Lower Upper

62 100

64 32.4 24.6 37.0





#5

Bromomethane

Concen: 50.175 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 215919

Ion Ratio Lower Upper

94 100

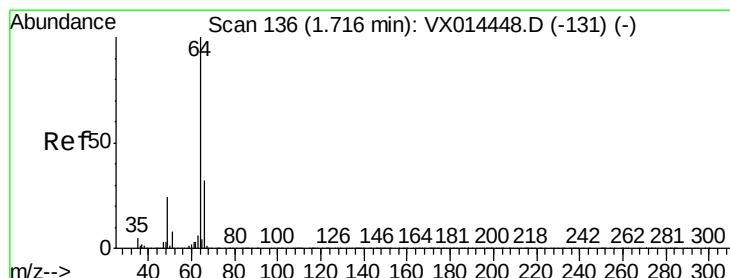
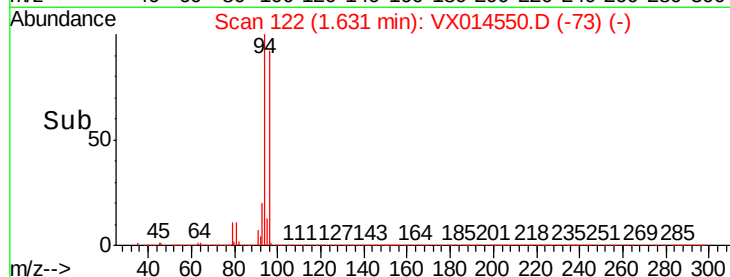
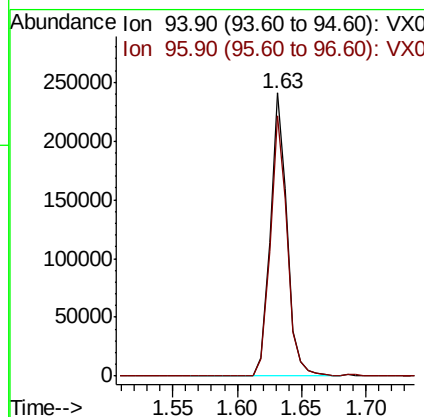
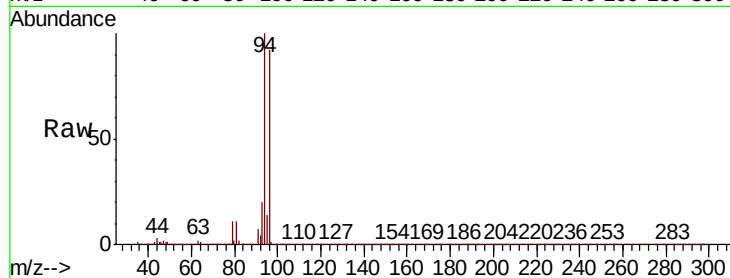
96 92.2 74.2 111.2

Manual Integrations

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1/13/2020 11:34:08 AM



#6

Chloroethane

Concen: 54.210 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014550.D

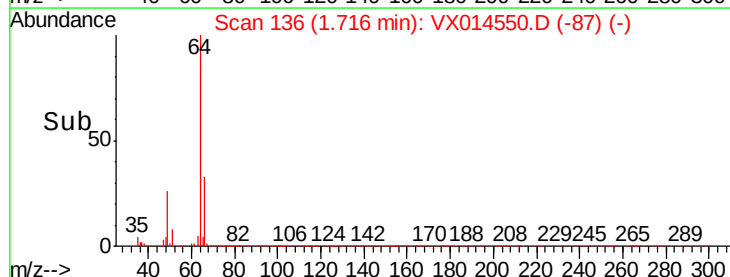
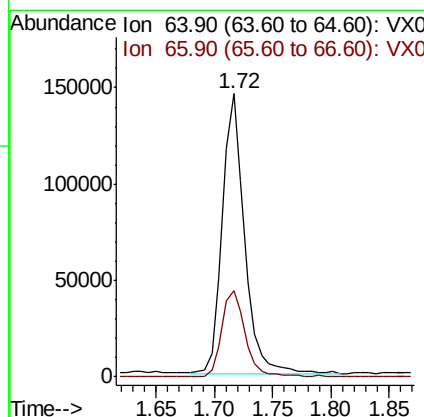
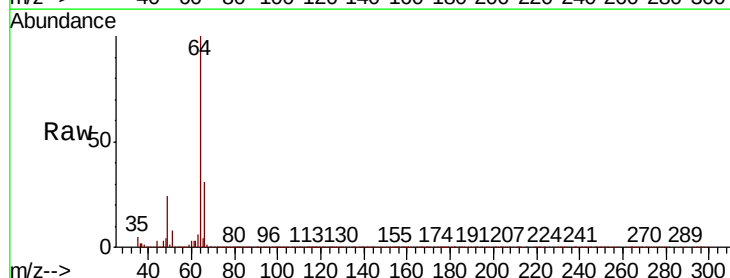
Acq: 10 Jan 2020 20:37

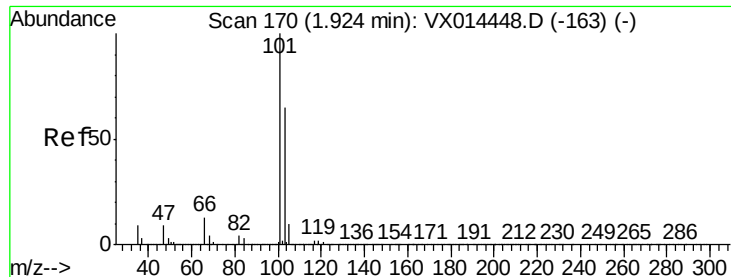
Tgt Ion: 64 Resp: 191391

Ion Ratio Lower Upper

64 100

66 30.8 25.3 37.9





#7

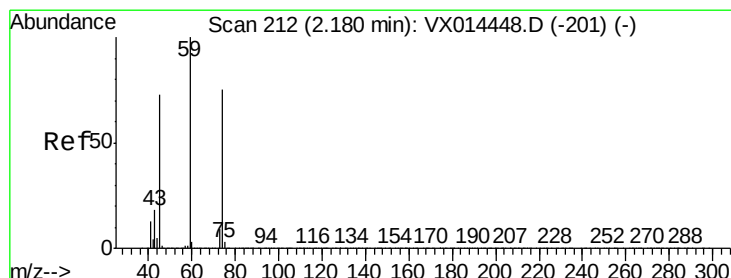
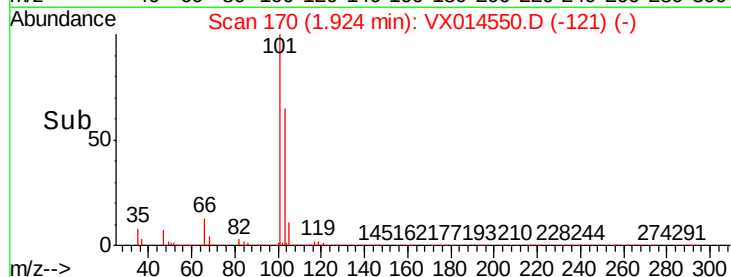
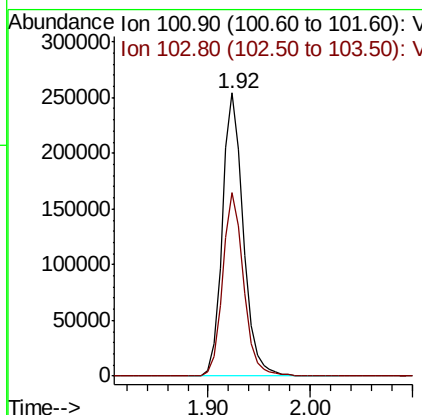
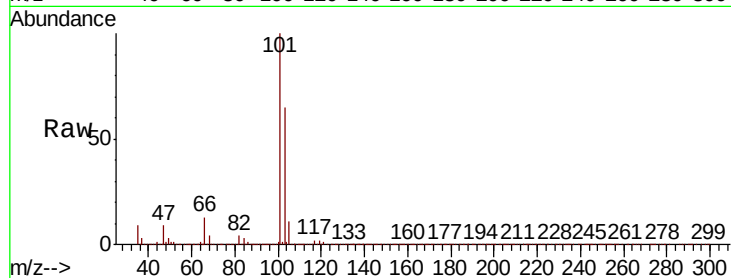
Trichlorofluoromethane
Concen: 49.245 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.2	78.4

Manual Integrations
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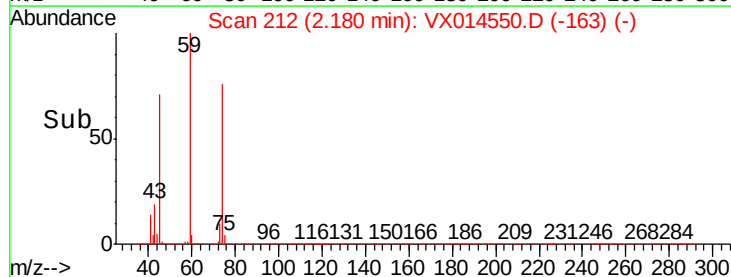
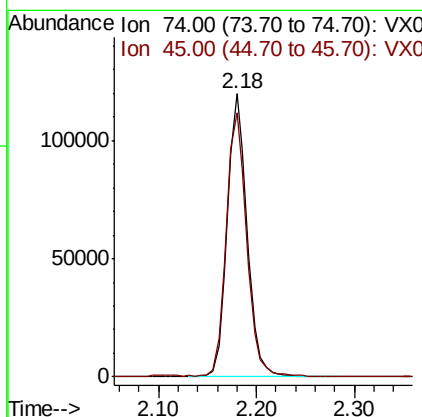
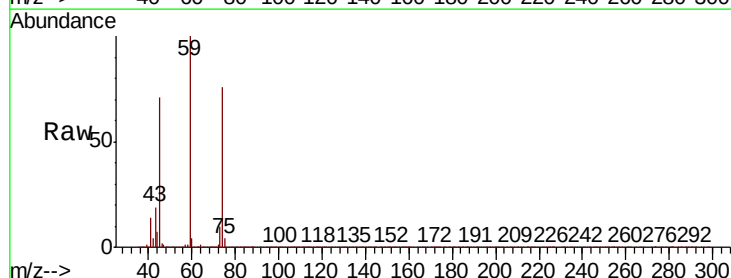
MMDadoda
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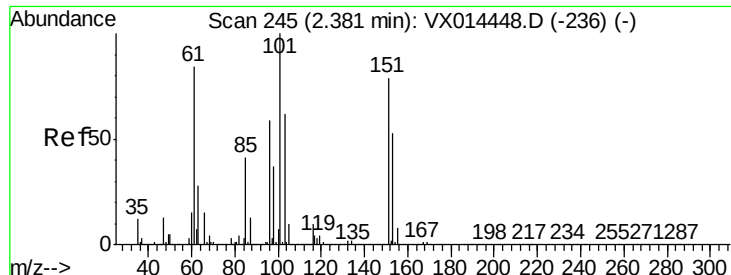


#8

Diethyl Ether
Concen: 49.879 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.662 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014550.D

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Instrument :

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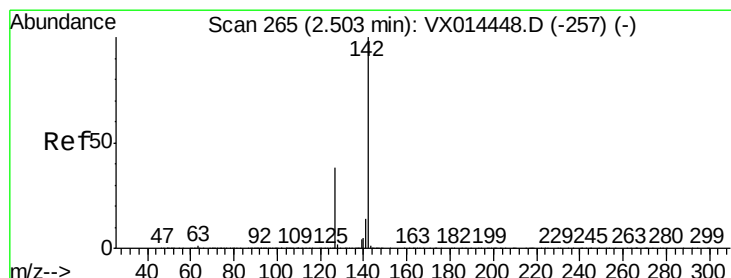
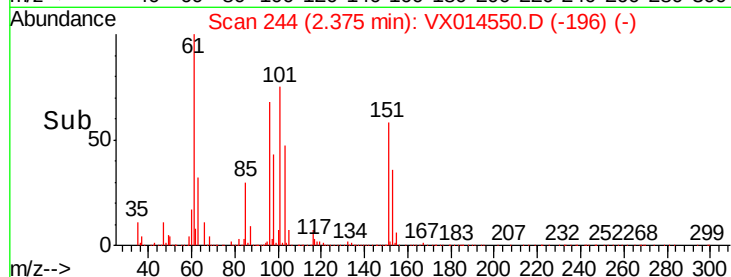
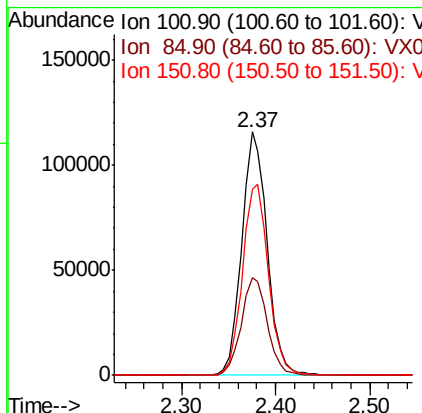
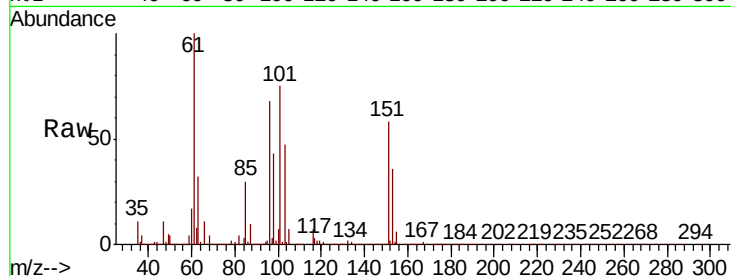
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	218023
Ion Ratio	Lower	Upper	
101	100		
85	41.0	33.8	50.8
151	80.1	65.3	97.9

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#10

Methyl Iodide

Concen: 56.321 ug/l

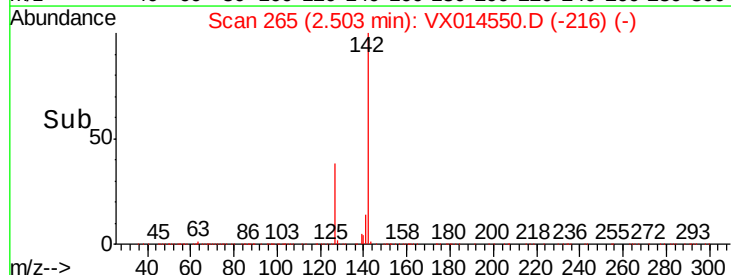
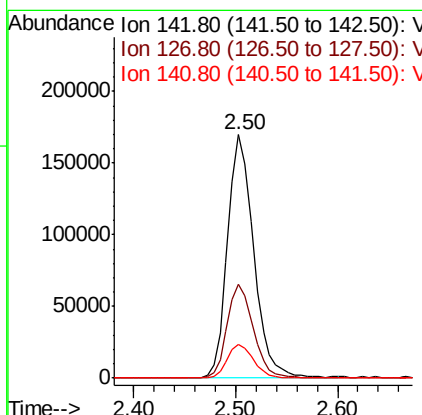
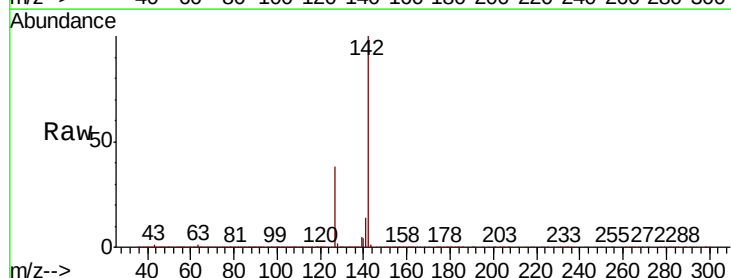
RT: 2.50 min Scan# 265

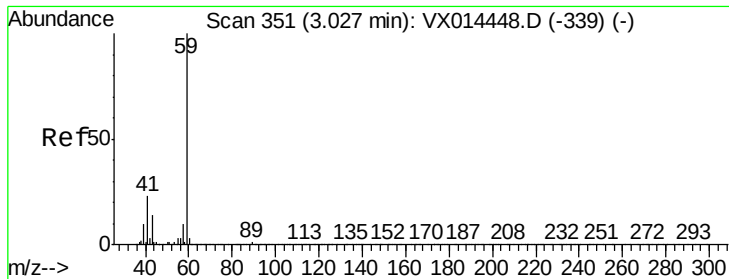
Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion:	142	Resp:	302153
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.2	46.8
141	14.1	11.4	17.2





#11

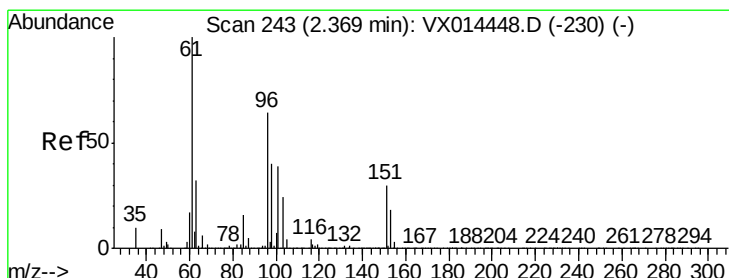
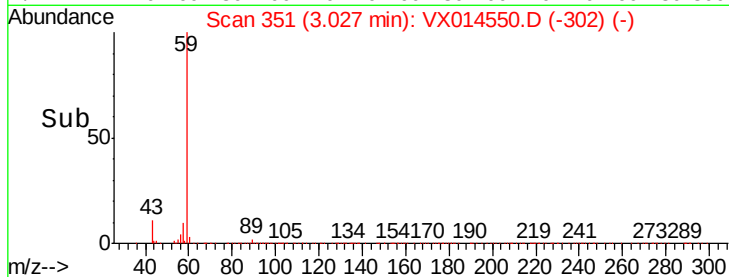
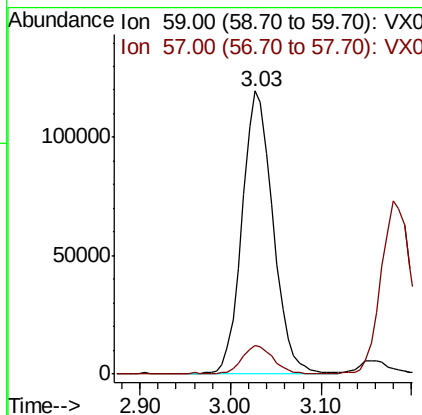
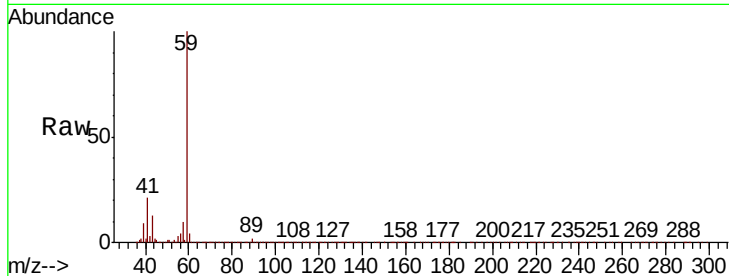
Tert butyl alcohol
Concen: 264.571 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.5	12.7

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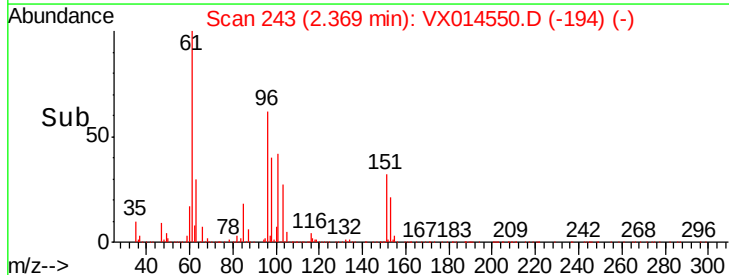
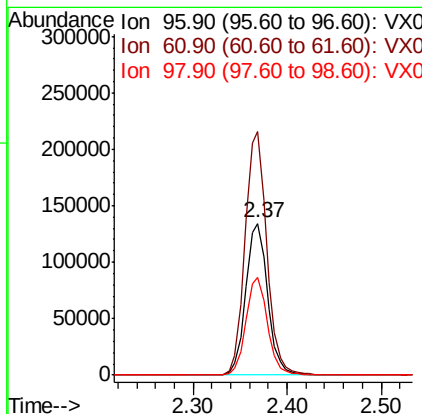
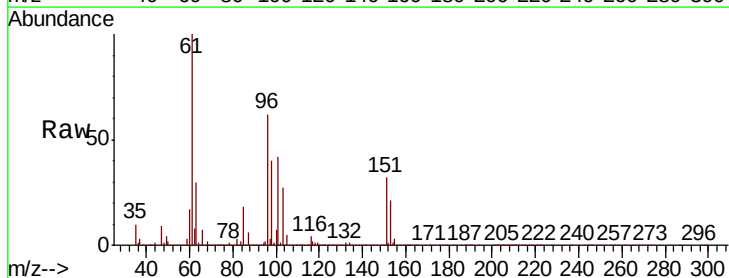
MMDadoda
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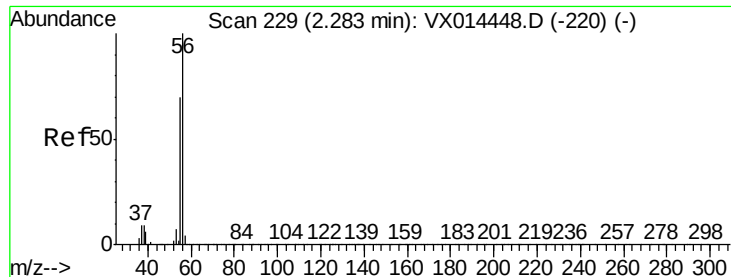


#12

1,1-Dichloroethene
Concen: 48.385 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.4	125.0	187.6
98	64.2	50.2	75.2





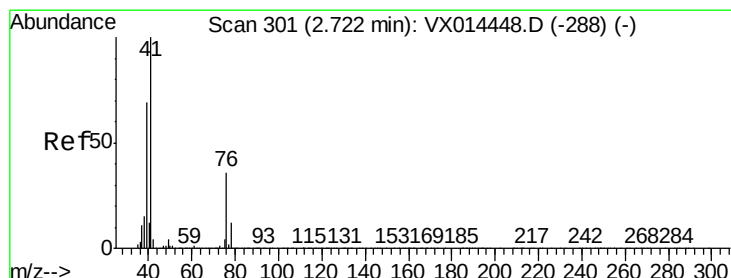
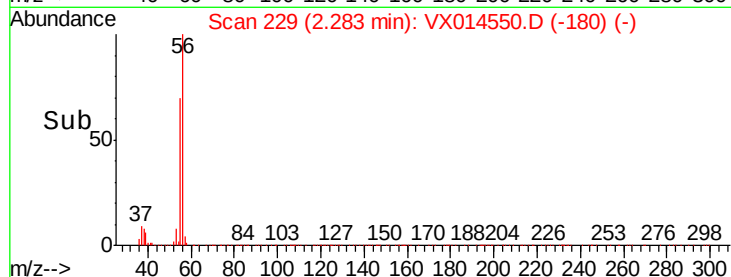
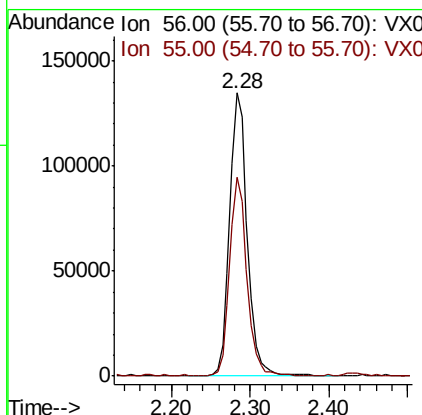
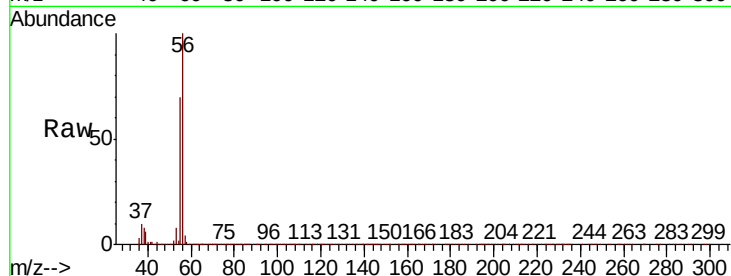
#13
Acrolein
Concen: 246.641 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	67.9	55.0	82.6

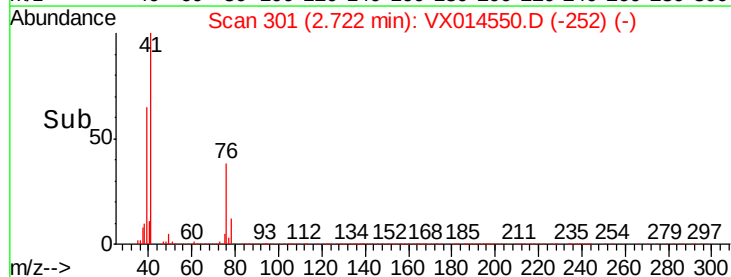
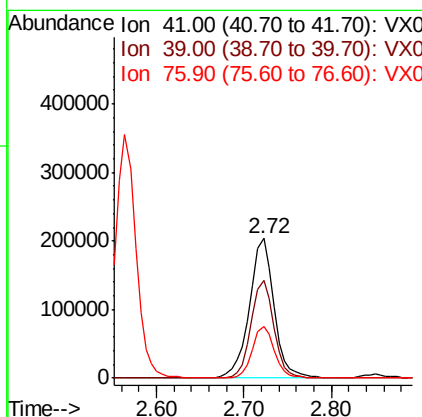
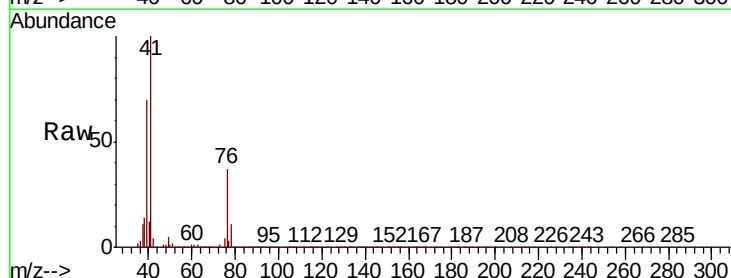
Manual Integrations
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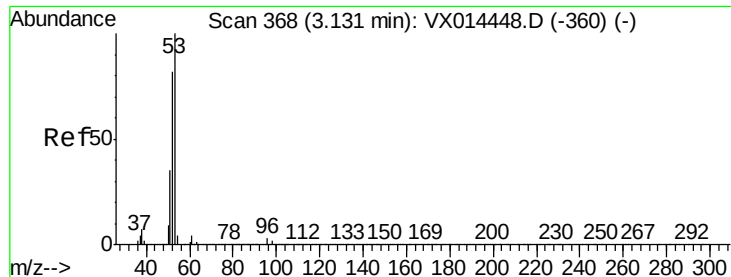
MMDadoda
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#14
Allyl chloride
Concen: 50.044 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.8	51.7	77.5
76	33.1	26.8	40.2





#15

Acrylonitrile

Concen: 264.106 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

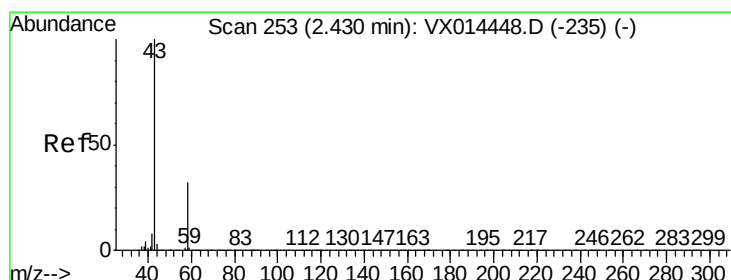
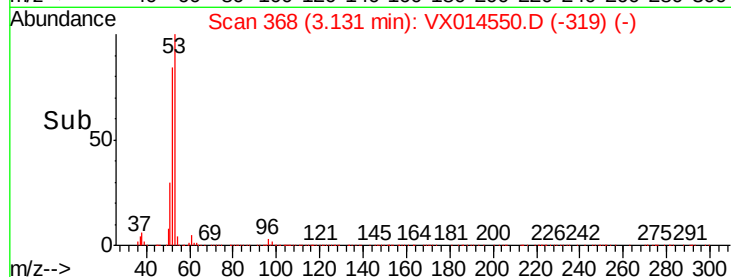
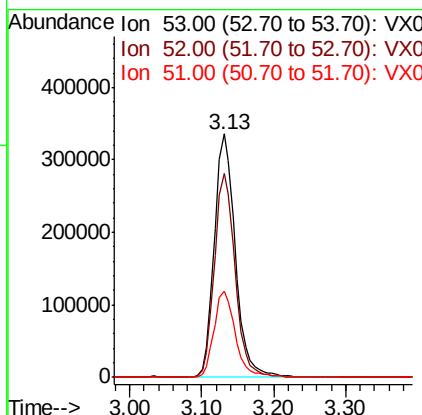
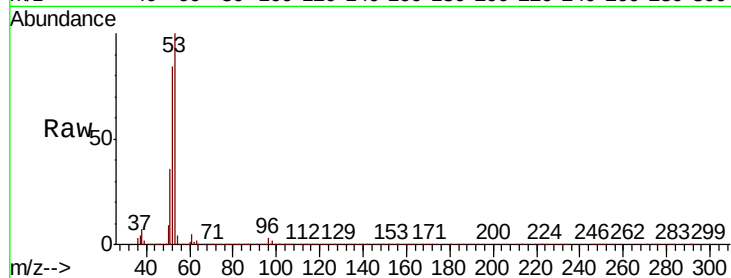
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.2	67.0	100.4	
51	36.2	28.5	42.7	

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#16

Acetone

Concen: 290.287 ug/l

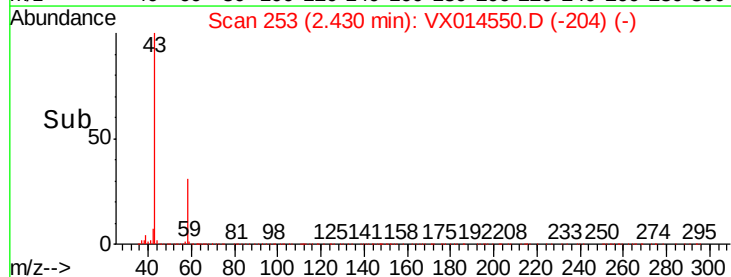
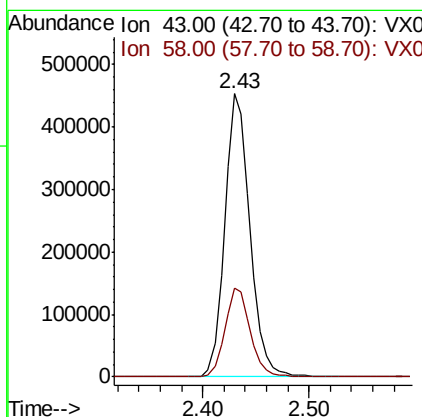
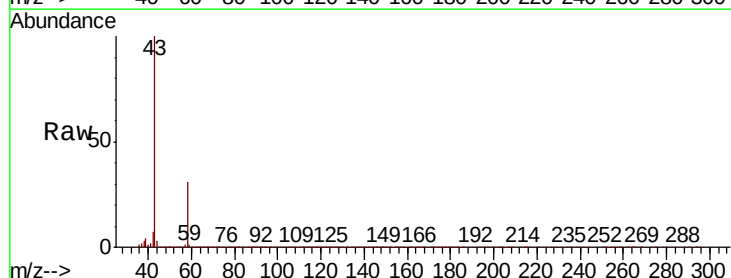
RT: 2.43 min Scan# 253

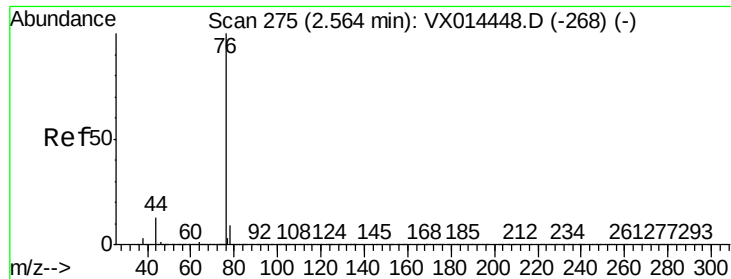
Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	31.2	25.4	38.0	





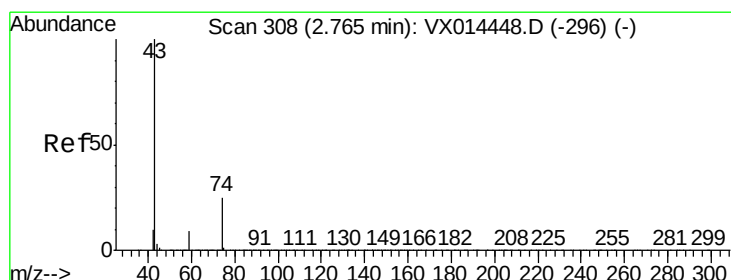
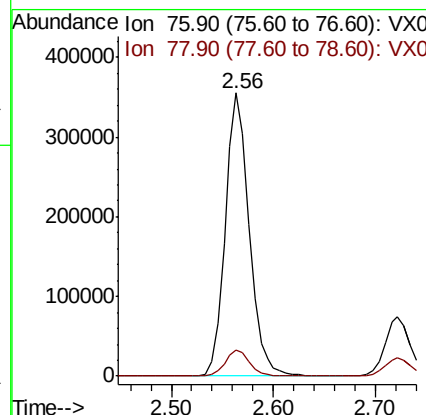
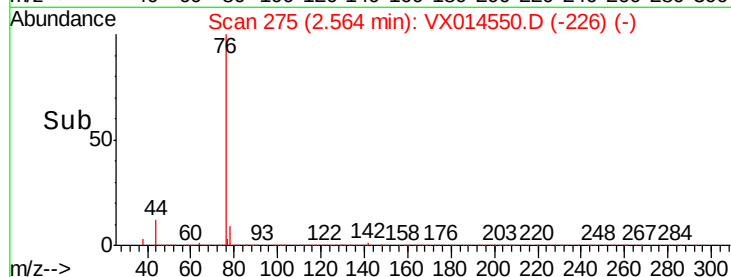
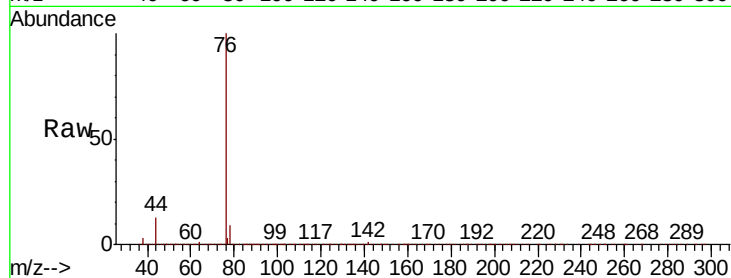
#17
Carbon Disulfide
Concen: 45.773 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

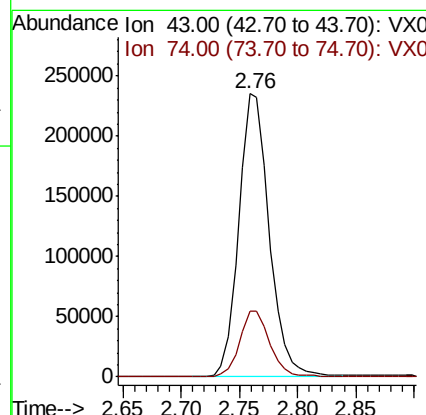
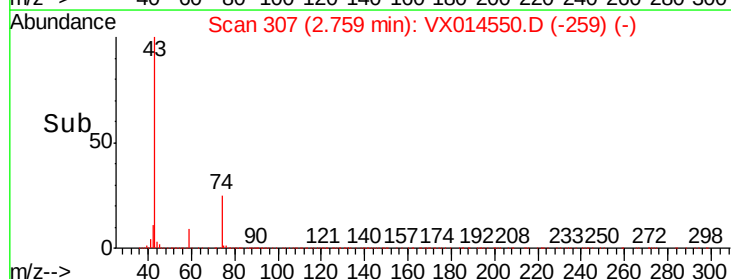
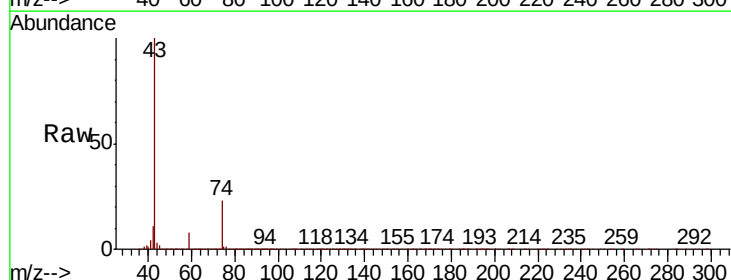
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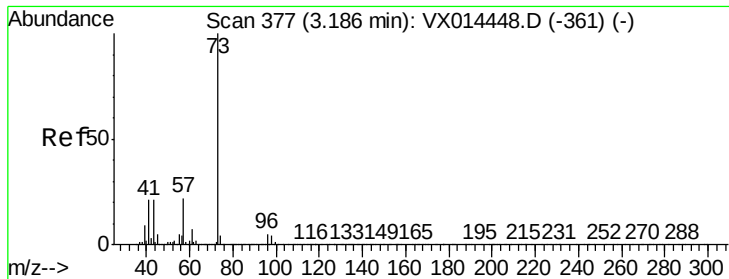
MMDadoda
1/13/2020 11:34:08 AM



#18
Methyl Acetate
Concen: 58.279 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	19.4	29.2





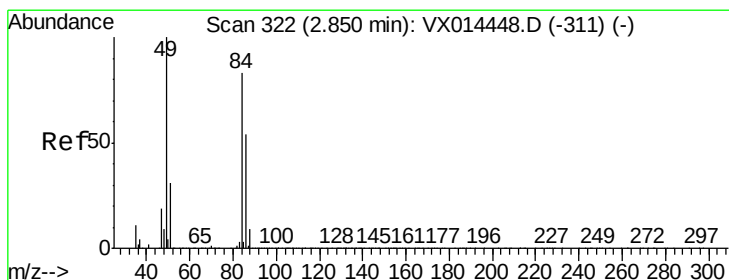
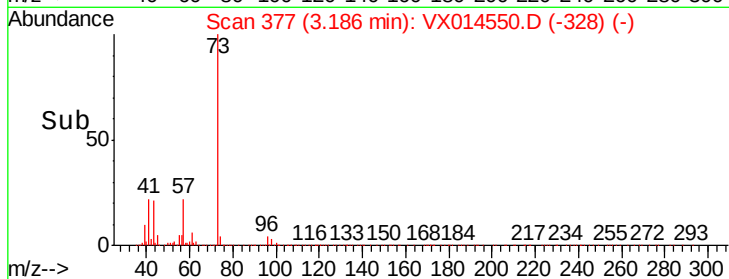
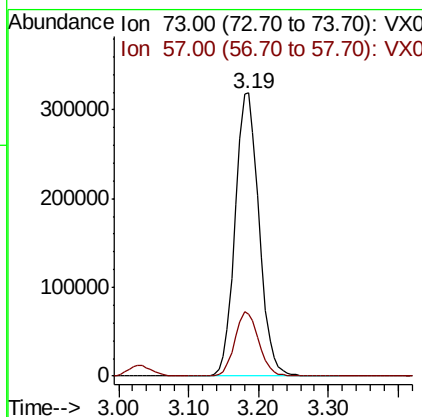
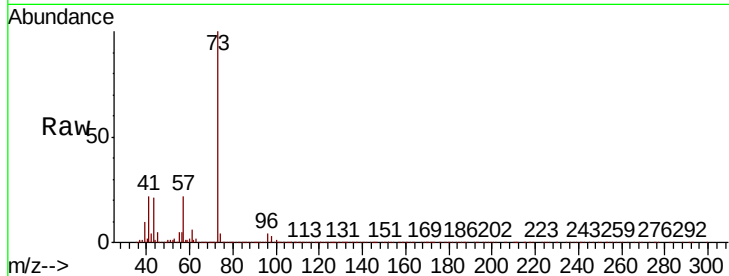
#19
Methyl tert-butyl Ether
Concen: 52.154 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.8

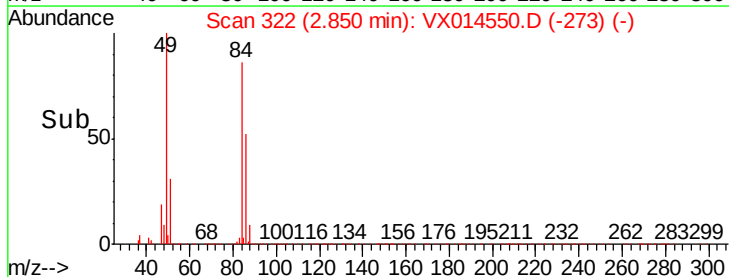
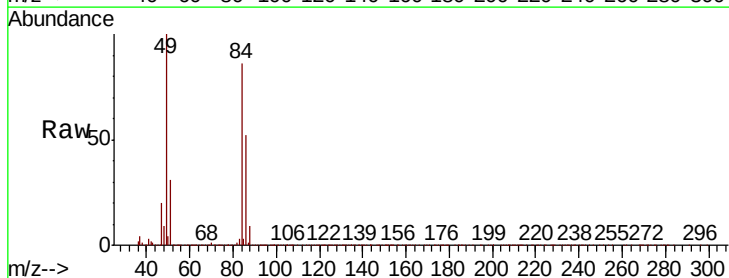
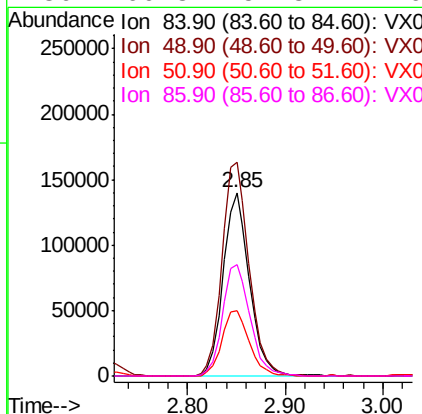
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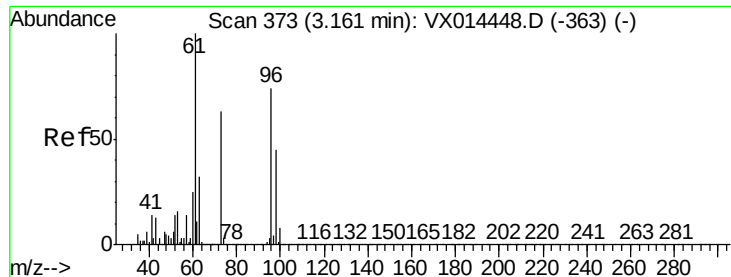
MMDadoda
1/13/2020 11:34:08 AM



#20
Methylene Chloride
Concen: 50.637 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.4	95.8	143.8
51	35.6	30.2	45.4
86	60.8	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 48.616 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

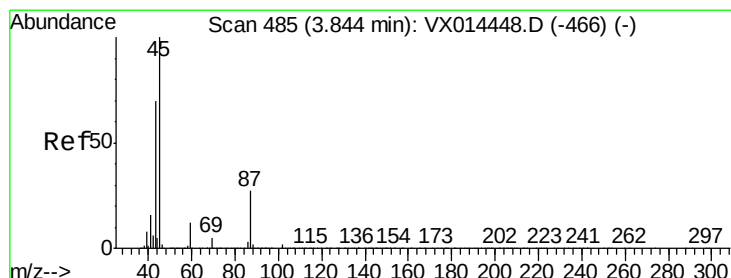
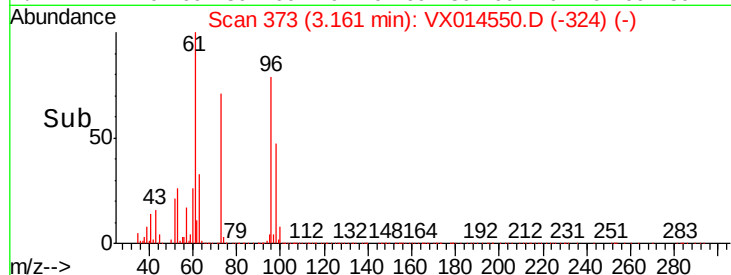
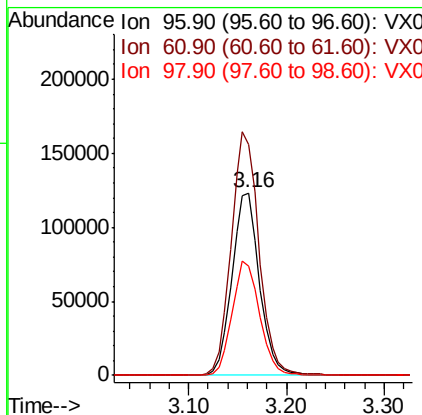
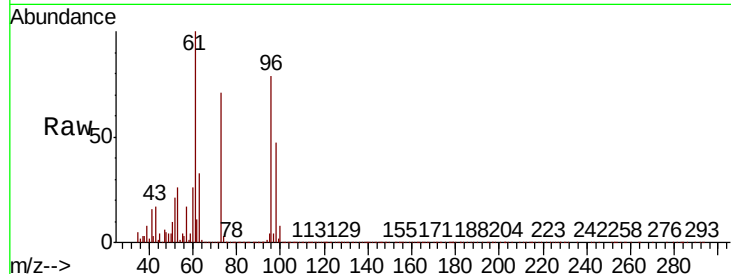
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	239584
Ion	Ratio	Lower	Upper
96	100		
61	126.4	108.2	162.4
98	60.0	48.8	73.2

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#22

Diisopropyl ether

Concen: 53.141 ug/l

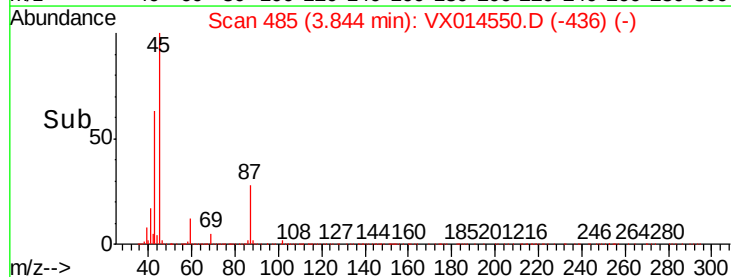
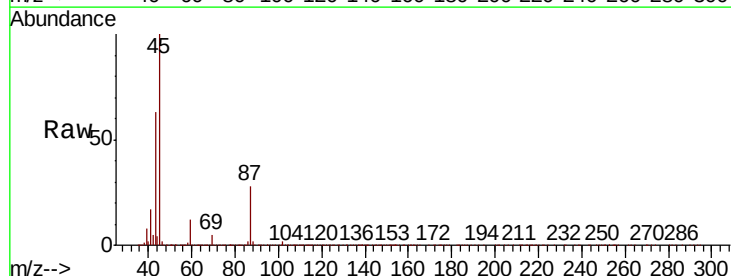
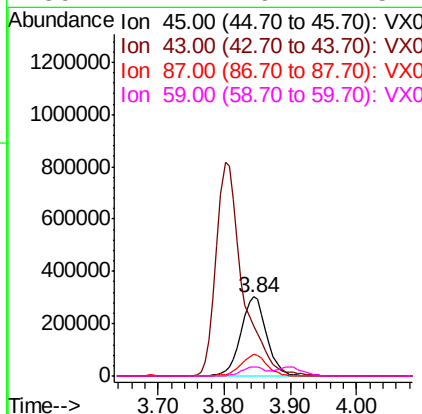
RT: 3.84 min Scan# 485

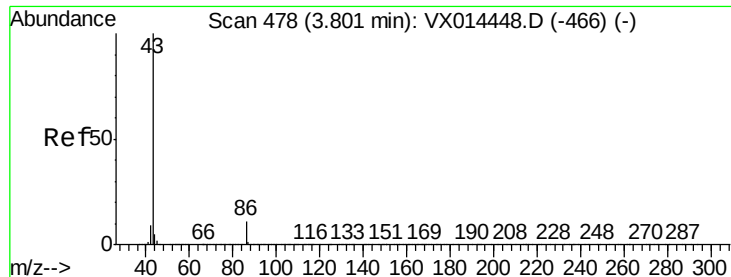
Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion:	45	Resp:	813893
Ion	Ratio	Lower	Upper
45	100		
43	63.3	55.8	83.6
87	27.7	21.8	32.8
59	11.7	9.1	13.7





#23

Vinyl Acetate

Concen: 190.967 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2264434

Ion Ratio Lower Upper

43 100

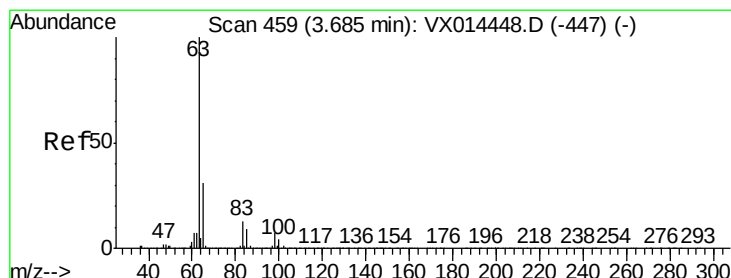
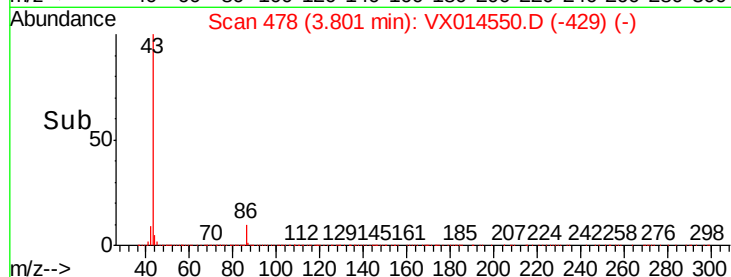
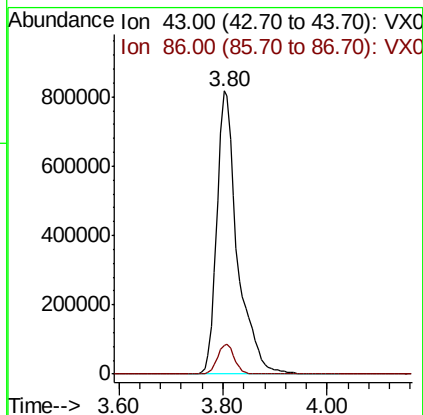
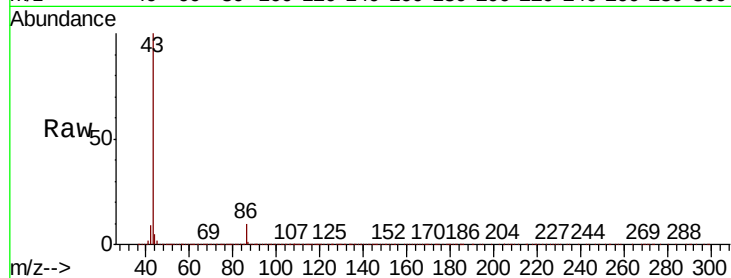
86 10.3 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.306 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

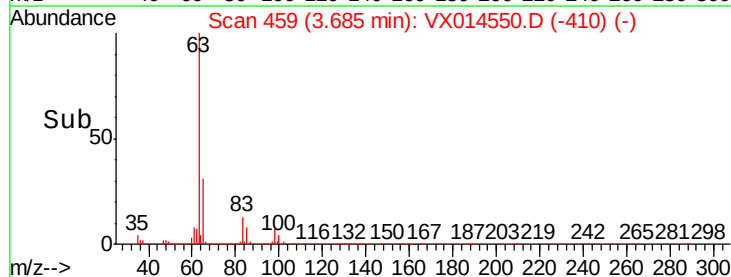
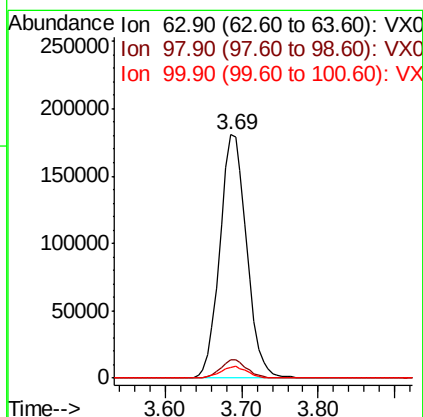
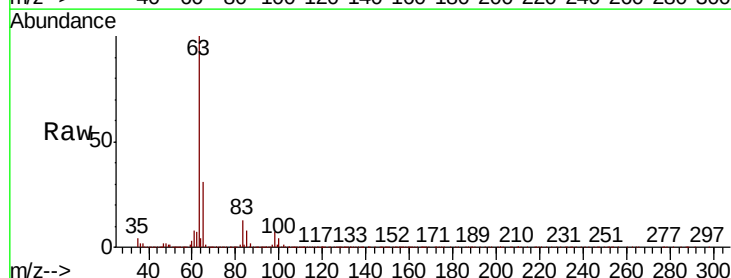
Tgt Ion: 63 Resp: 435800

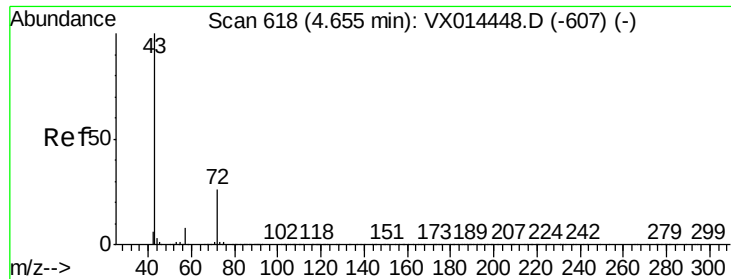
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 267.503 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1019520

Ion Ratio Lower Upper

43 100

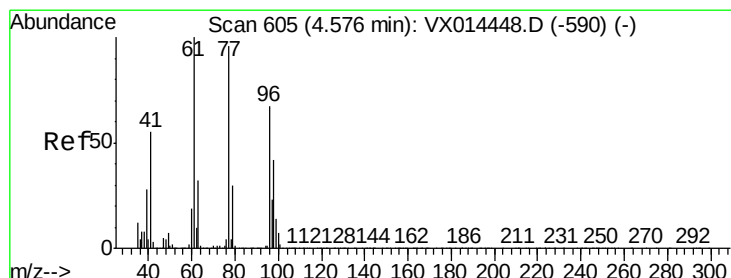
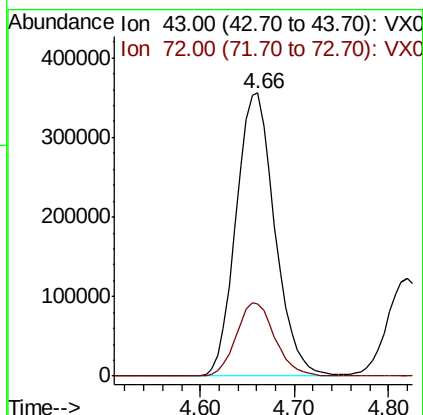
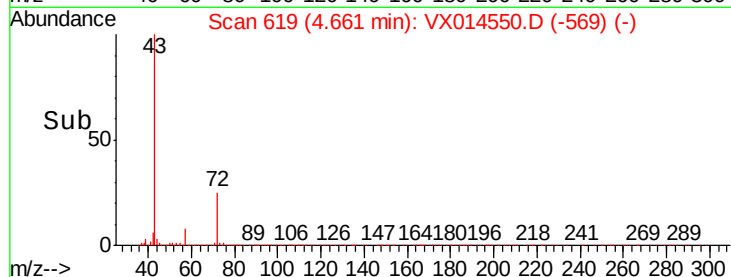
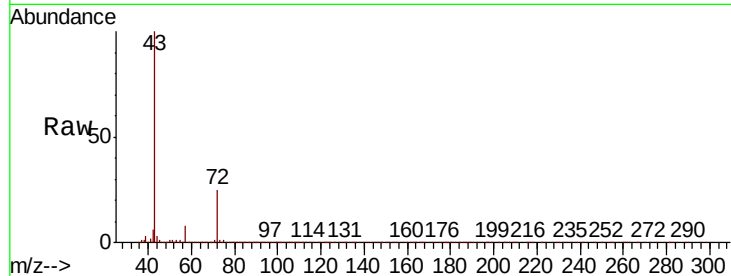
72 25.2 20.6 31.0

Manual Integrations

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1/13/2020 11:34:08 AM



#26

2,2-Dichloropropane

Concen: 44.662 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014550.D

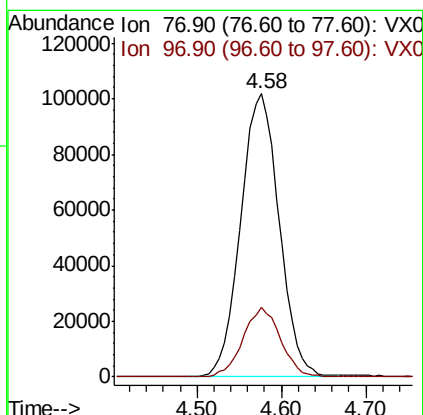
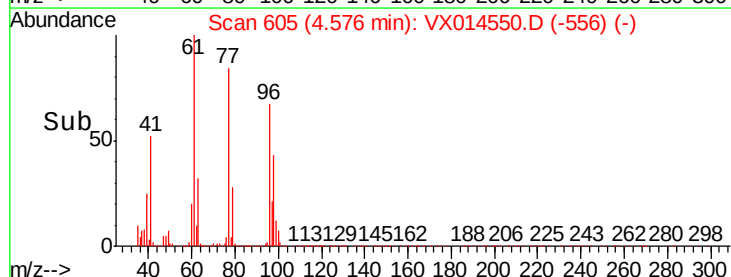
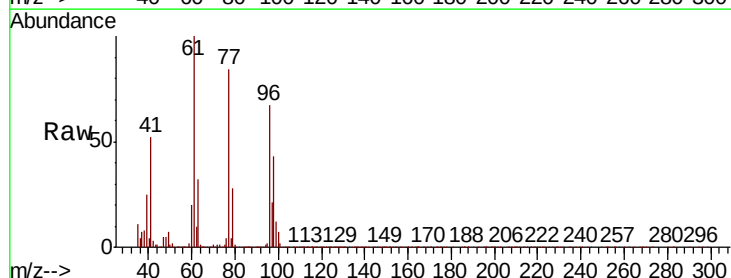
Acq: 10 Jan 2020 20:37

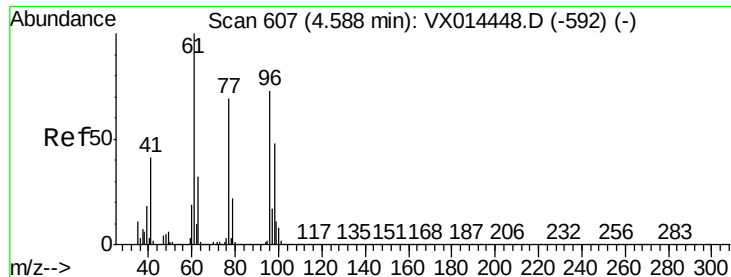
Tgt Ion: 77 Resp: 315223

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.1





#27

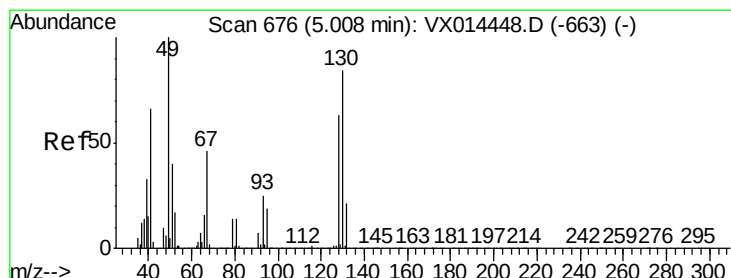
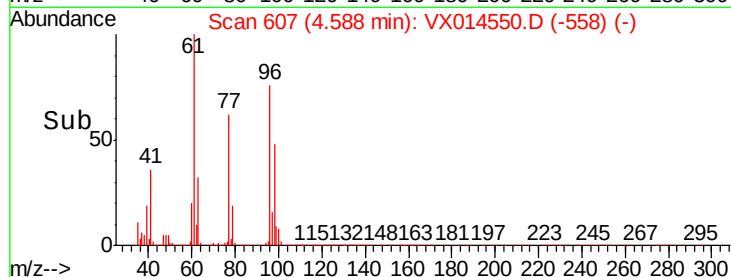
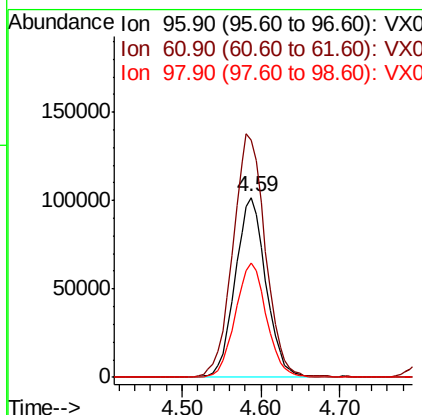
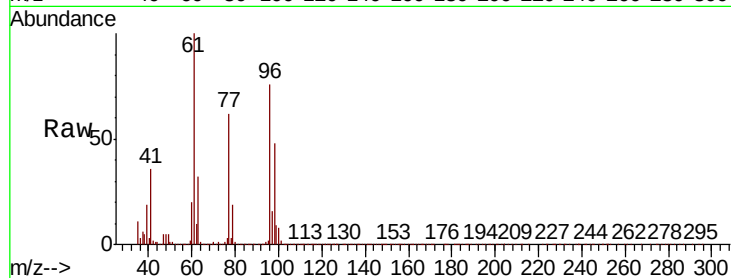
cis-1,2-Dichloroethene
Concen: 49.956 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	275212		
61	143.5	0.0	285.4	
98	64.0	0.0	130.6	

Manual Integrations
APPROVED

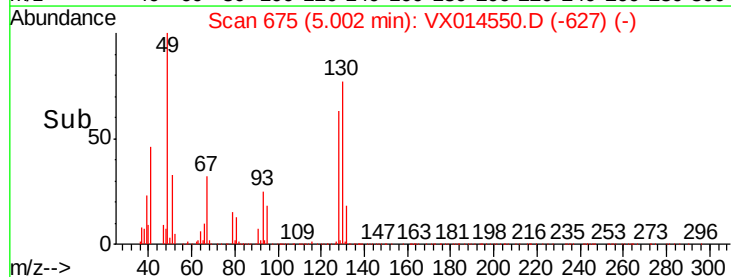
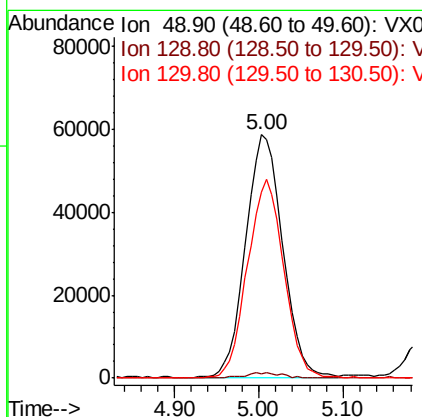
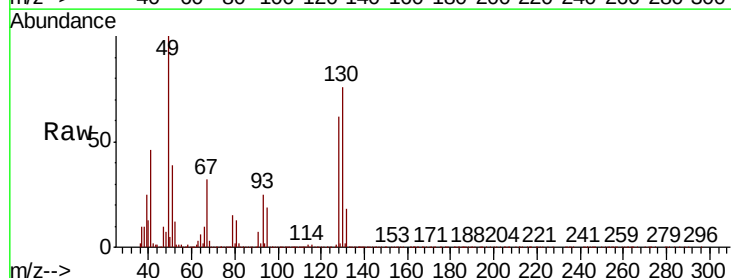
MMDadoda
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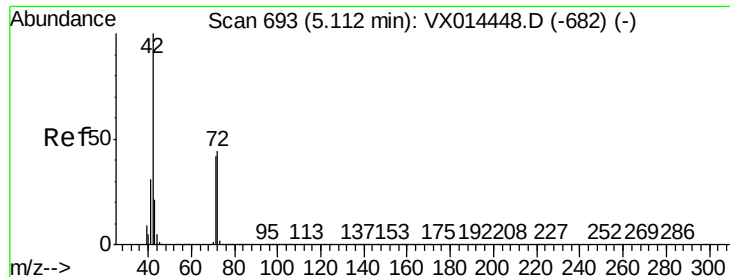


#28

Bromochloromethane
Concen: 50.121 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	175962		
129	2.2	0.0	4.4	
130	80.5	67.0	100.4	





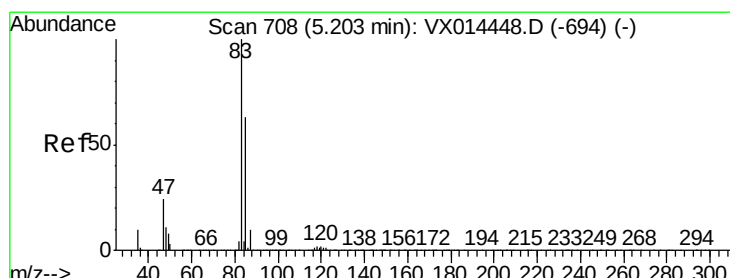
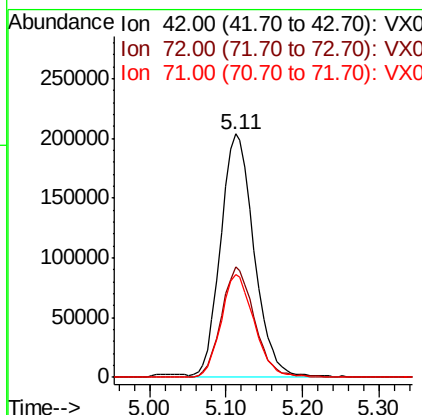
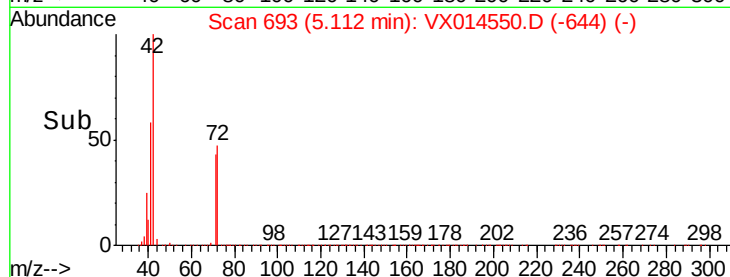
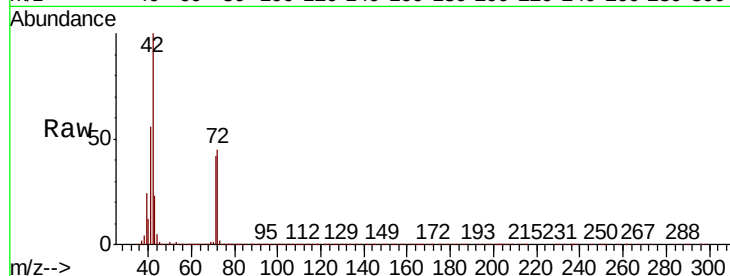
#29
Tetrahydrofuran
Concen: 270.708 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	36.2	54.4
71	42.3	34.1	51.1

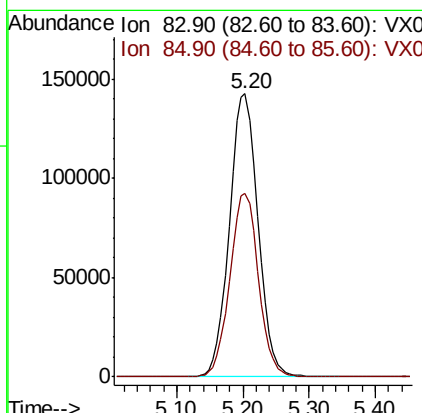
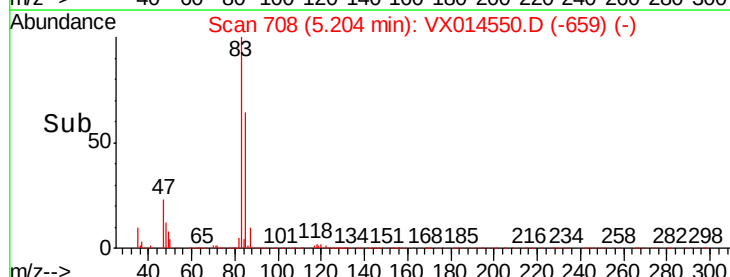
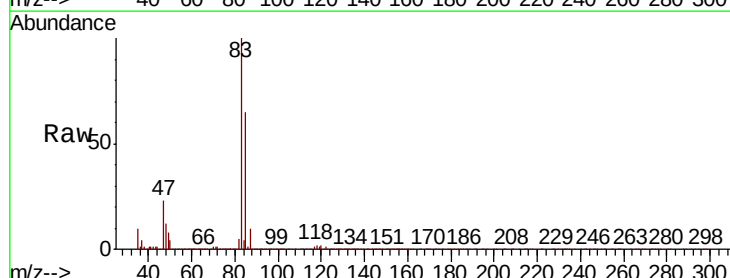
Manual Integrations
APPROVED

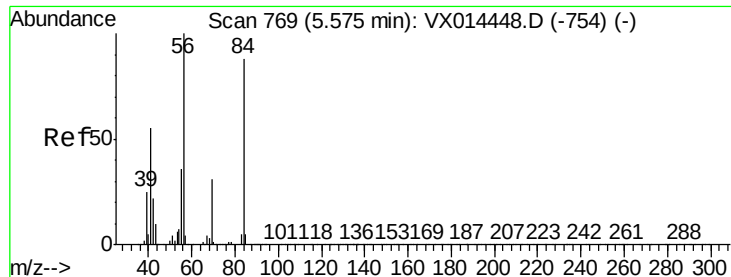
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#30
Chloroform
Concen: 52.432 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.6	75.8





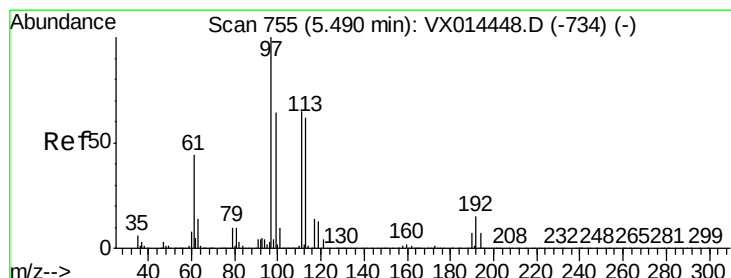
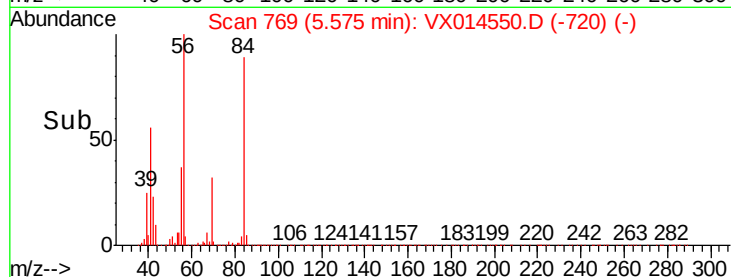
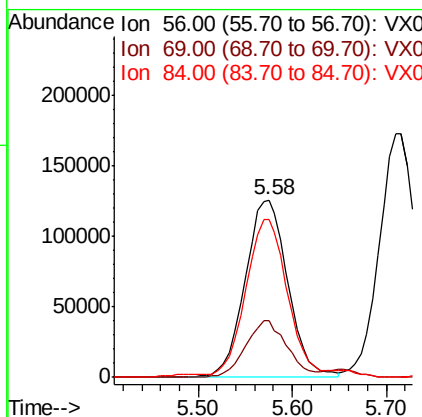
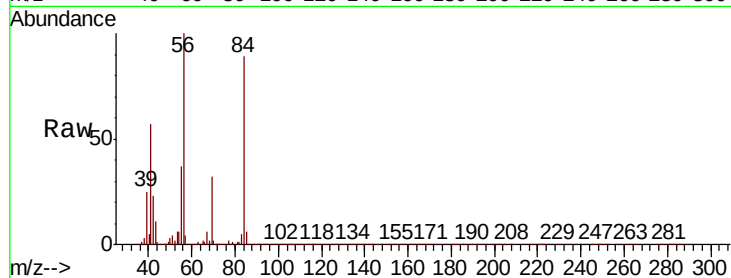
#31
Cyclohexane
Concen: 51.015 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.4	36.6
84	87.5	70.6	106.0

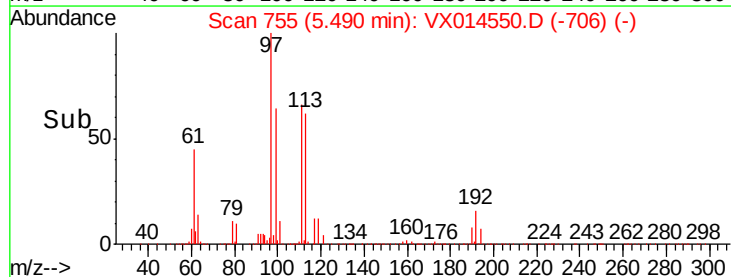
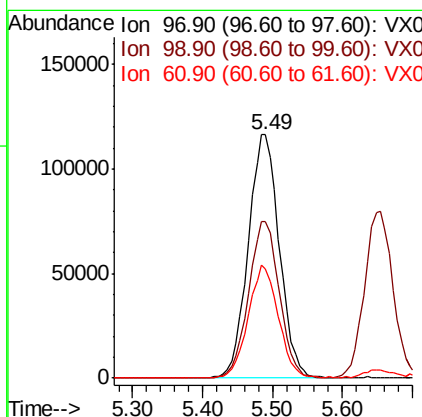
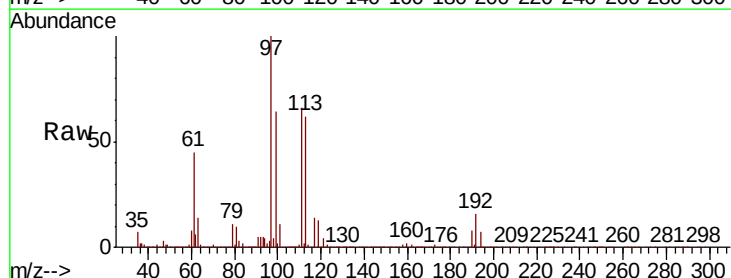
Manual Integrations
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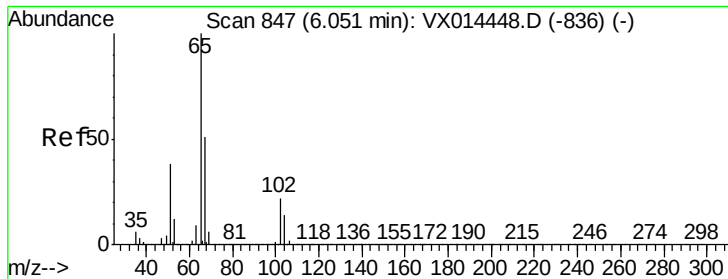
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#32
1,1,1-Trichloroethane
Concen: 51.549 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.6
61	44.8	35.9	53.9





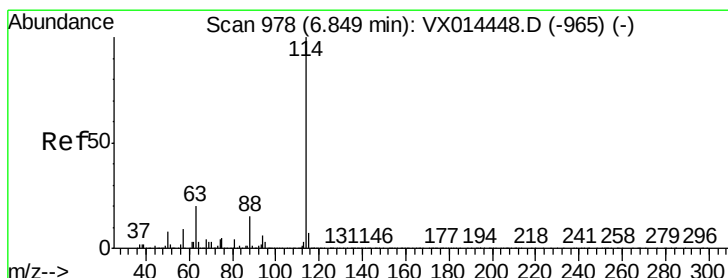
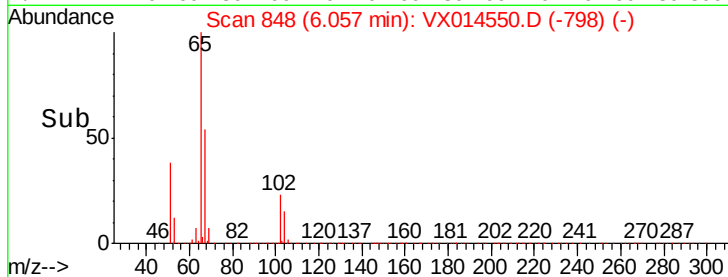
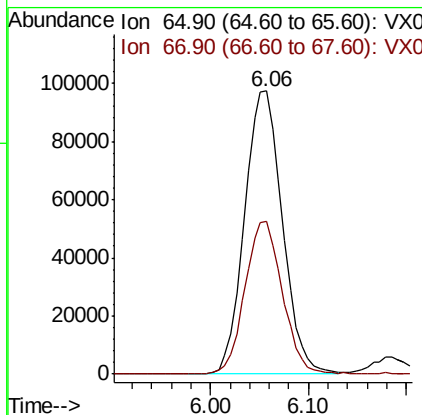
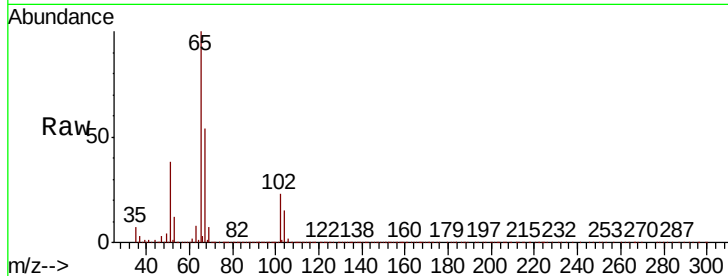
#33
 1,2-Dichloroethane-d4
 Concen: 51.026 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.2

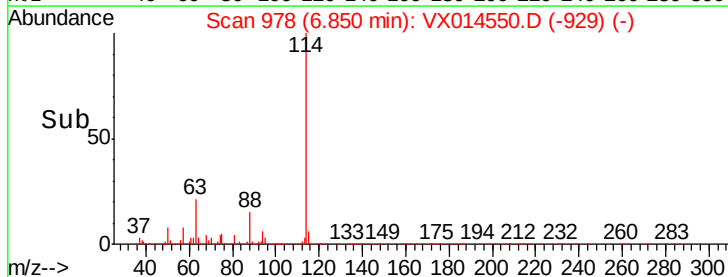
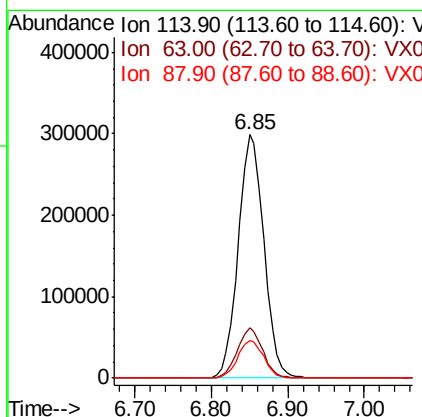
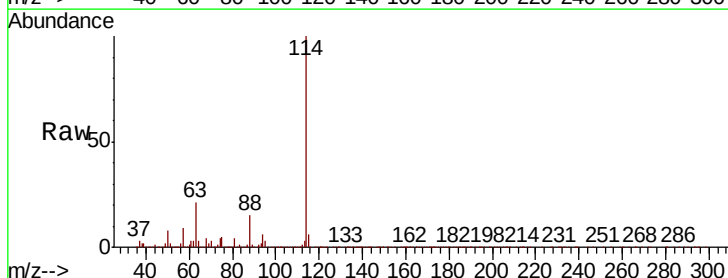
Manual Integrations
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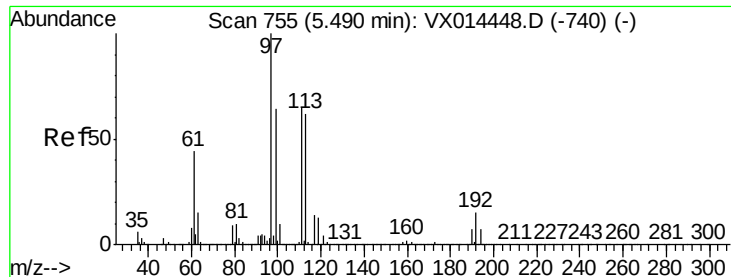
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.6
88	15.4	0.0	30.8





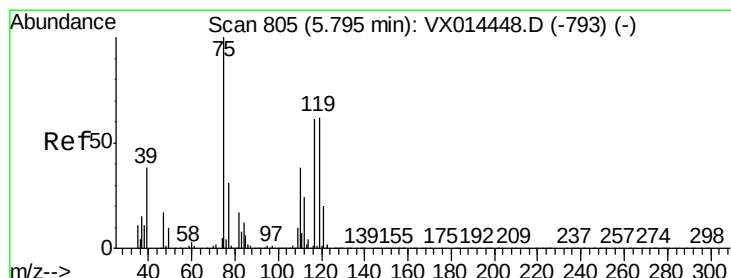
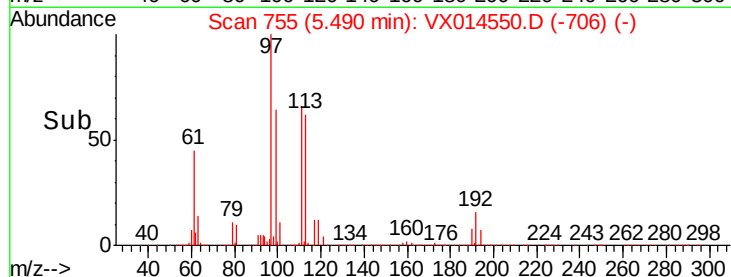
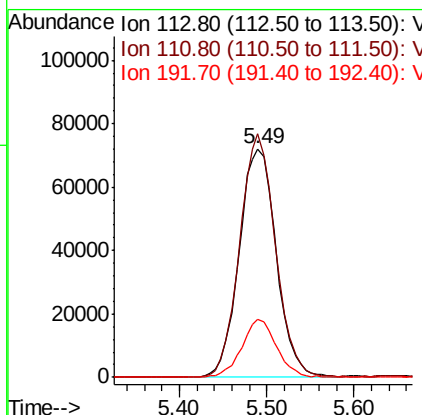
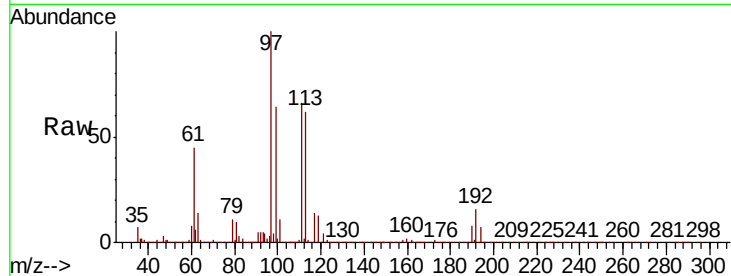
#35
 Dibromofluoromethane
 Concen: 50.409 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	212489		
111	102.2	81.5	122.3	
192	23.9	19.2	28.8	

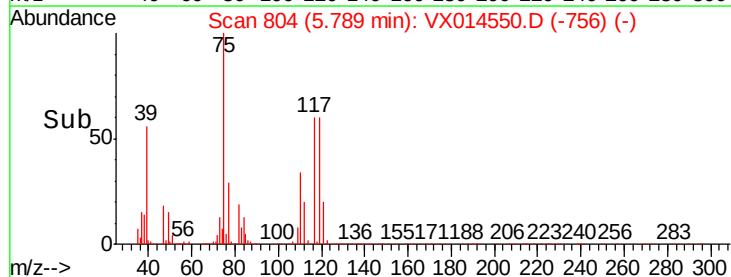
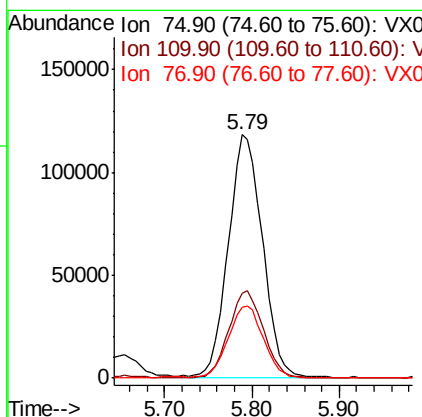
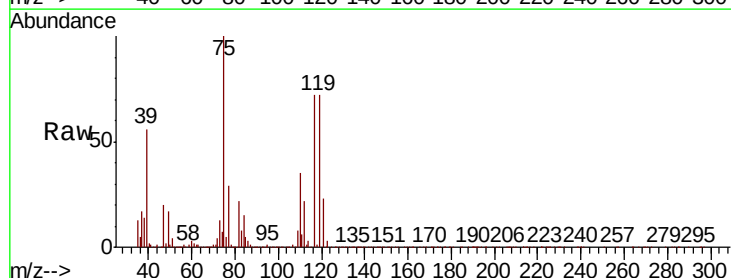
Manual Integrations
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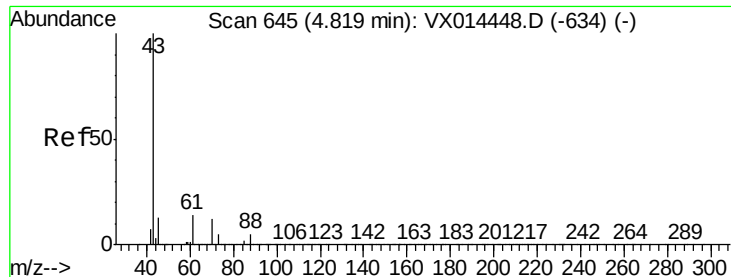
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#36
 1,1-Dichloropropene
 Concen: 48.583 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	318142		
110	36.5	18.6	55.8	
77	30.4	24.5	36.7	





#37

Ethyl Acetate

Concen: 51.715 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

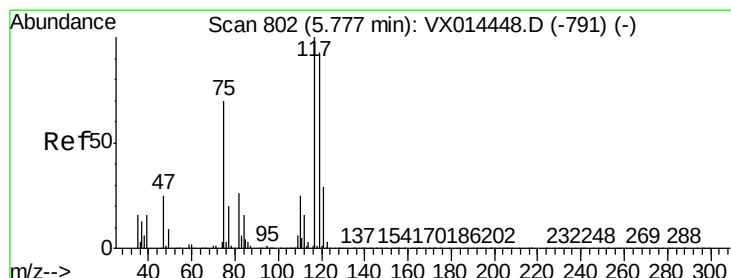
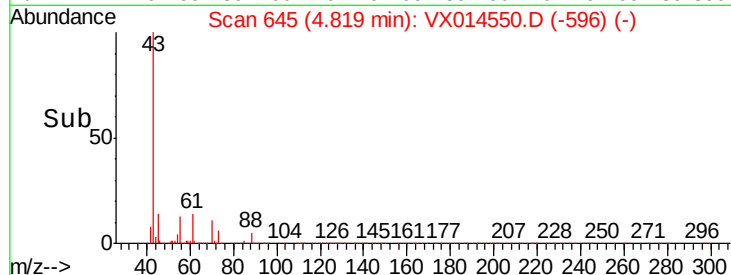
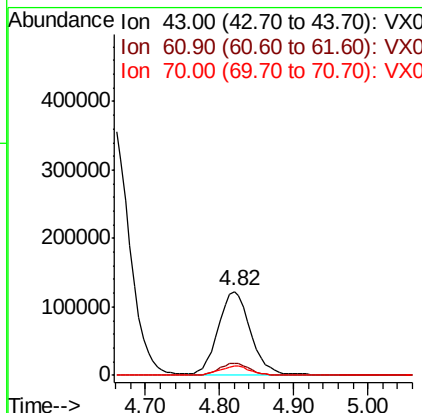
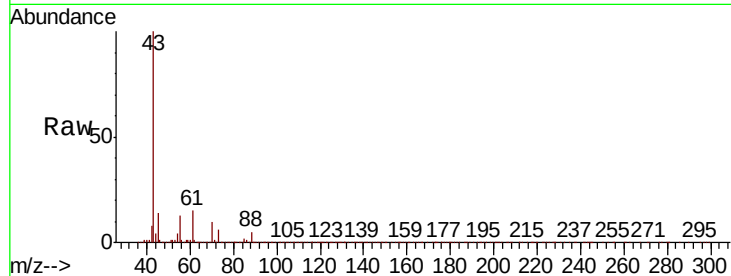
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	367850
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	10.3	8.9	13.3

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 50.232 ug/l

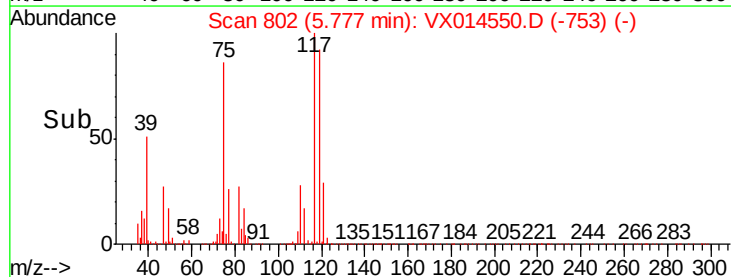
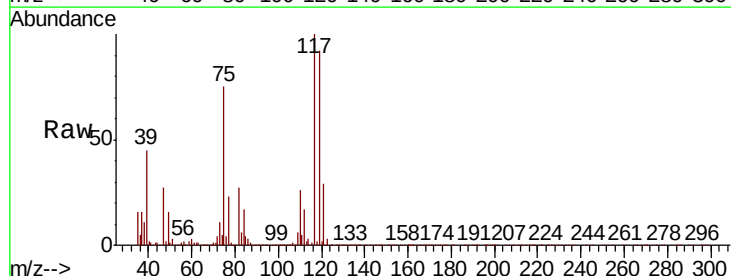
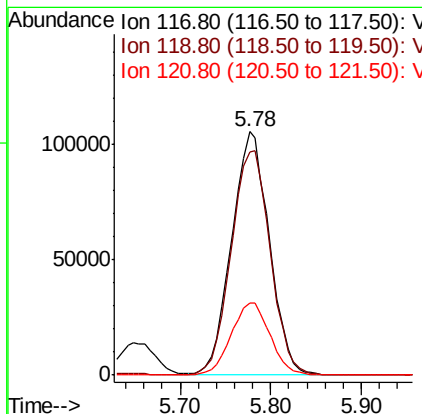
RT: 5.78 min Scan# 802

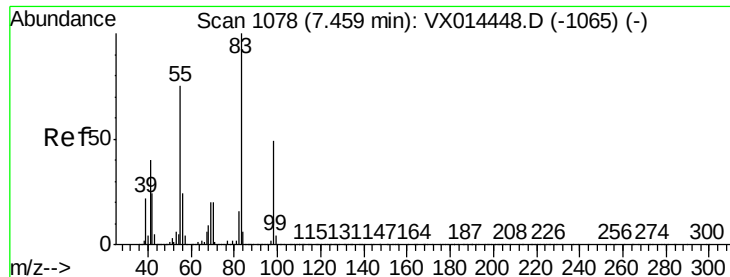
Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion:	117	Resp:	302704
Ion	Ratio	Lower	Upper
117	100		
119	91.8	73.8	110.8
121	29.4	23.4	35.0





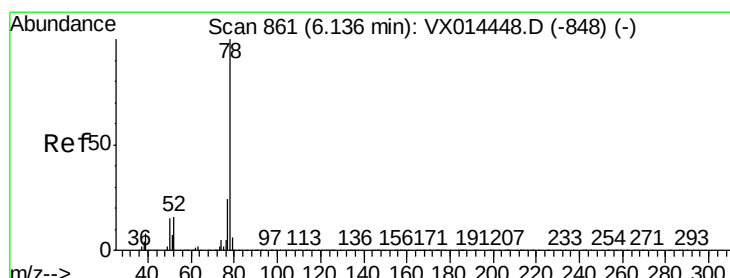
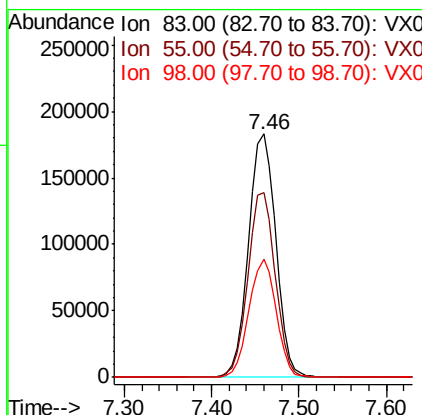
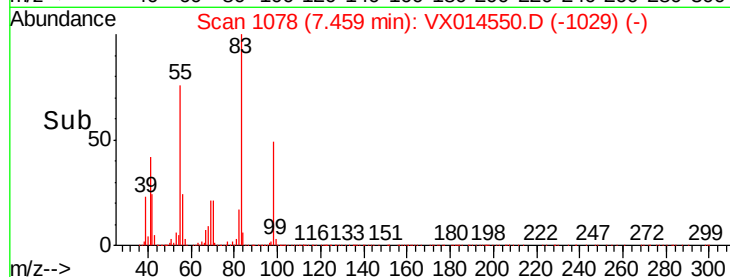
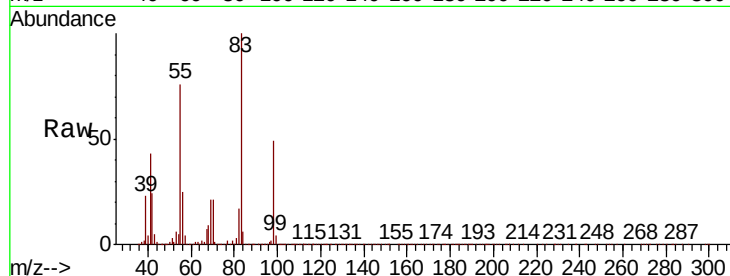
#39
Methylvlcyclohexane
Concen: 48.320 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	59.7	89.5
98	48.6	39.1	58.7

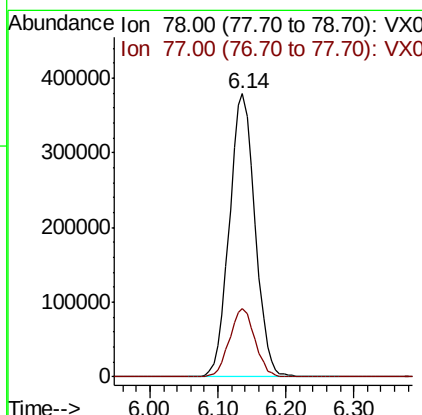
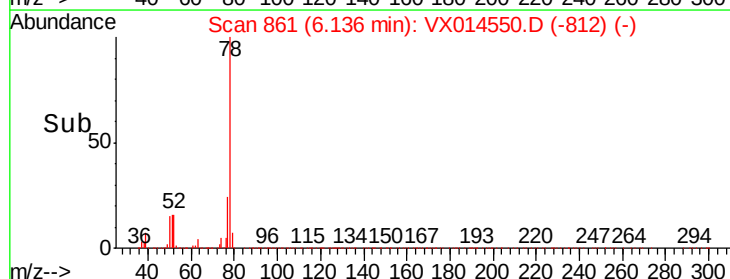
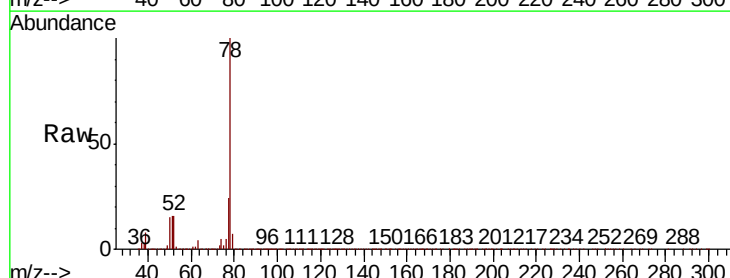
Manual Integrations
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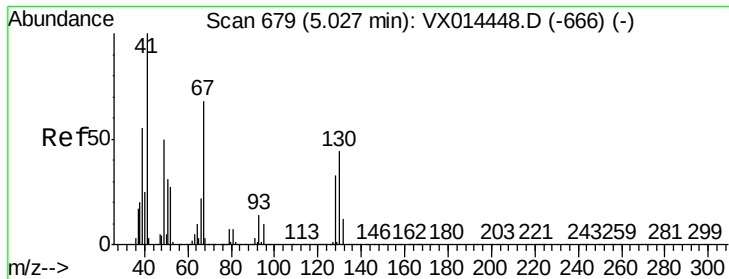
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#40
Benzene
Concen: 51.061 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





#41

Methacrylonitrile

Concen: 54.039 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

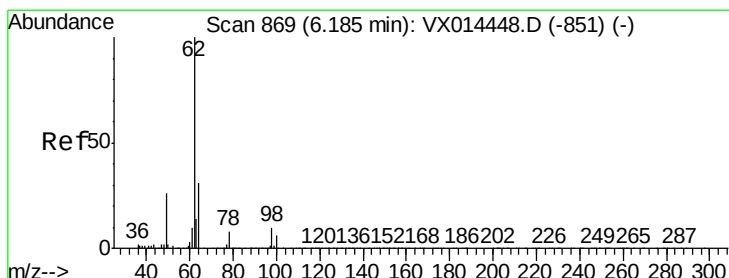
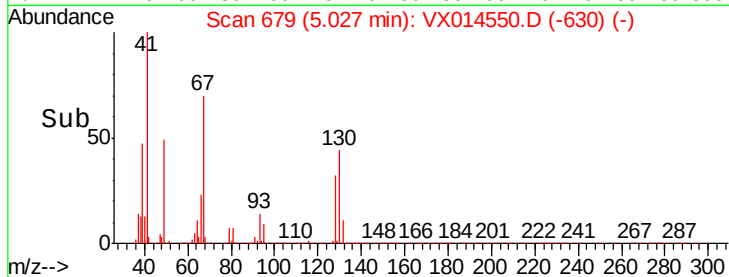
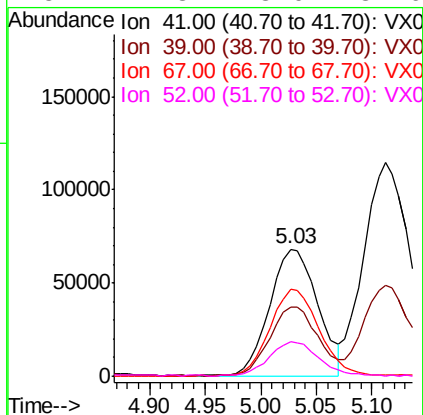
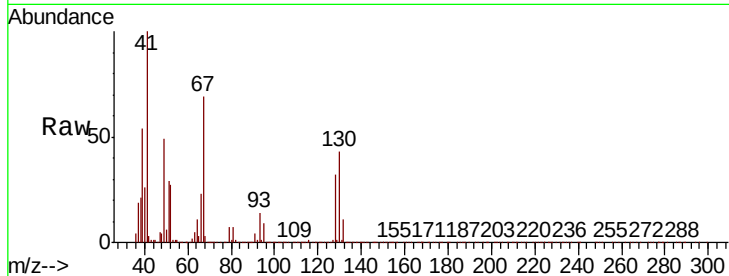
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		204979		
39	55.1	43.6	65.4		
67	69.5	57.9	86.9		
52	27.3	23.0	34.6		

Manual Integrations
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1/13/2020 11:34:08 AM



#42

1,2-Dichloroethane

Concen: 50.580 ug/l

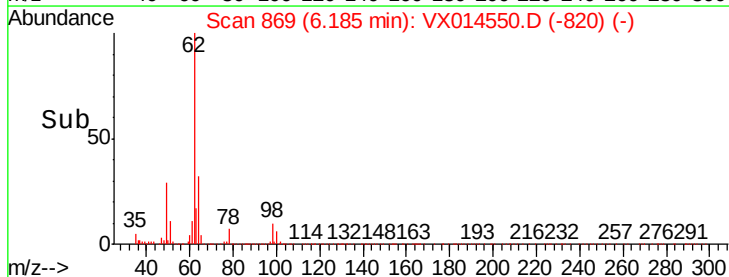
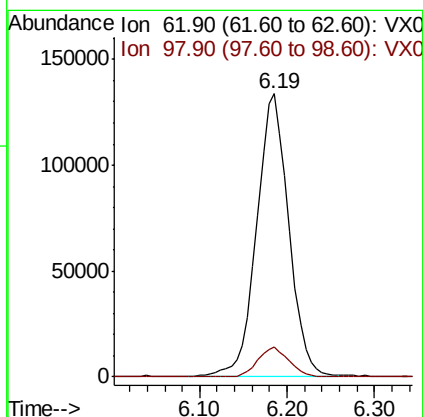
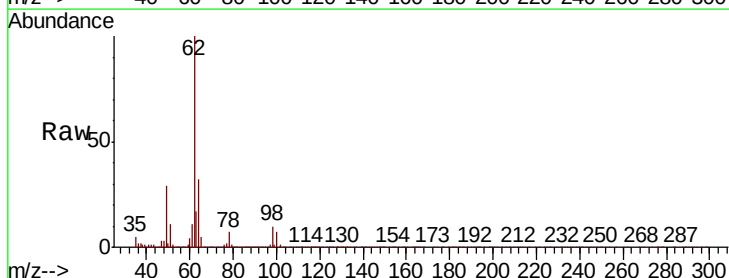
RT: 6.19 min Scan# 869

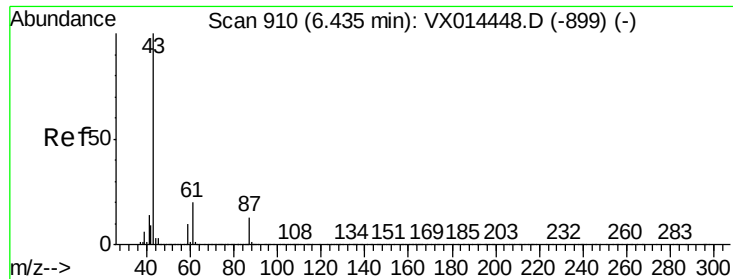
Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		343716		
98	10.1	0.0	20.4		





#43

Isopropyl Acetate

Concen: 52.563 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

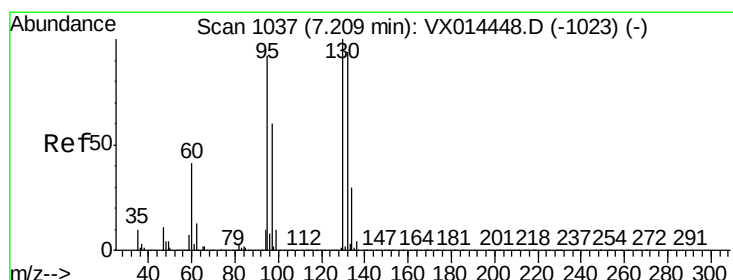
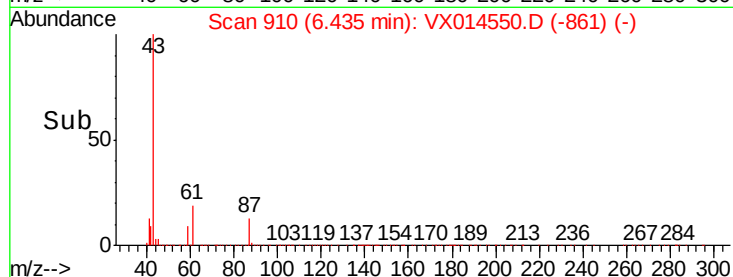
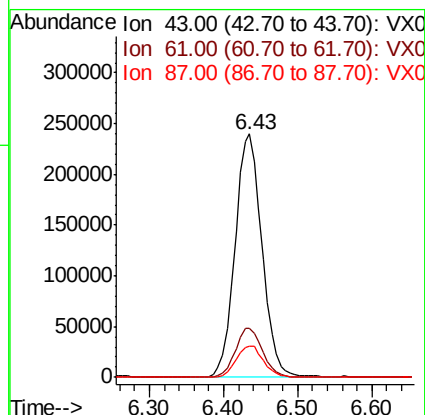
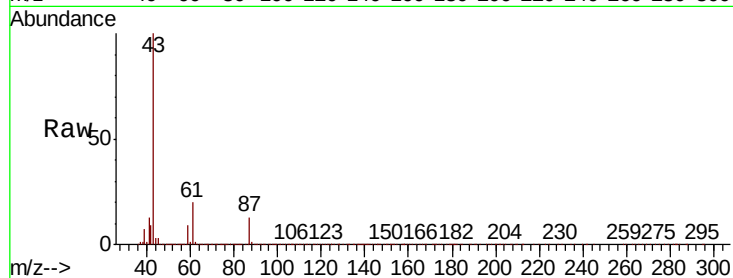
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	603973
Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.6	24.8
87	13.2	10.8	16.2

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#44

Trichloroethene

Concen: 50.696 ug/l

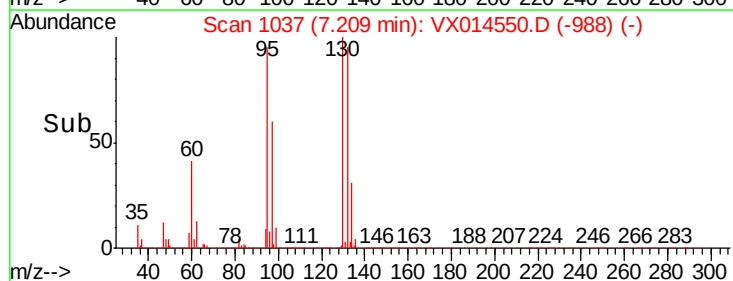
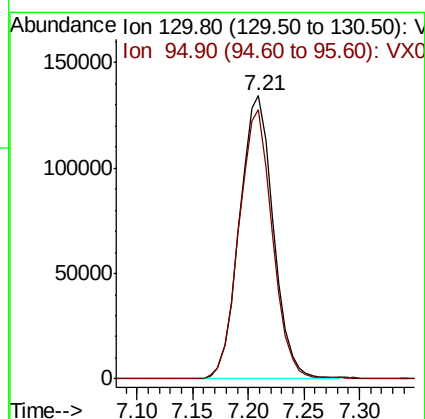
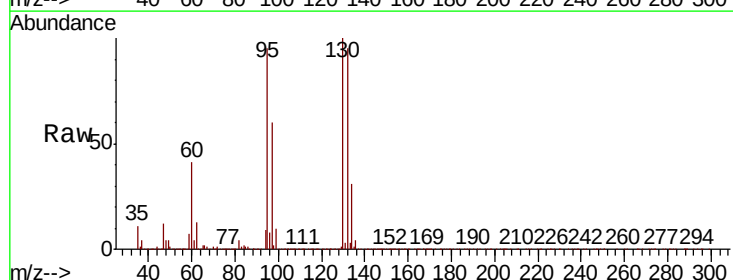
RT: 7.21 min Scan# 1037

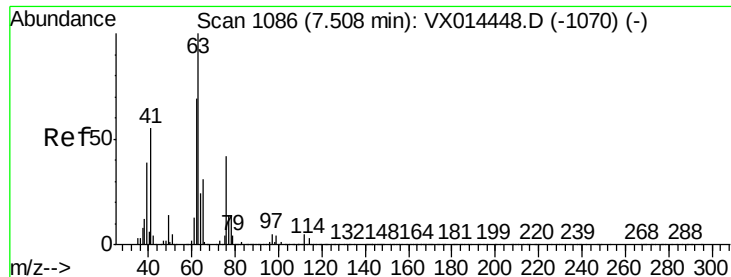
Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion:	130	Resp:	283158
Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	184.2





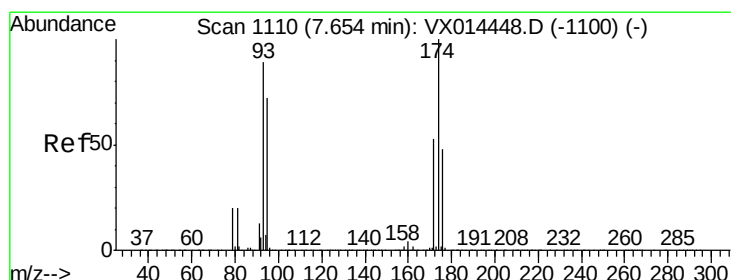
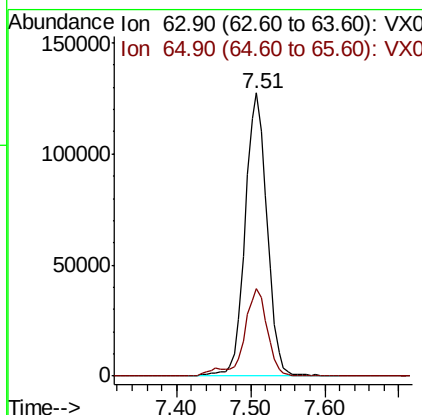
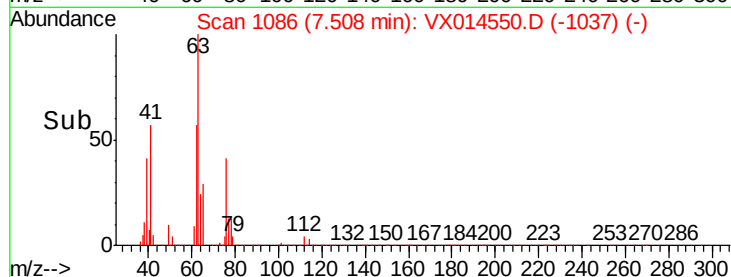
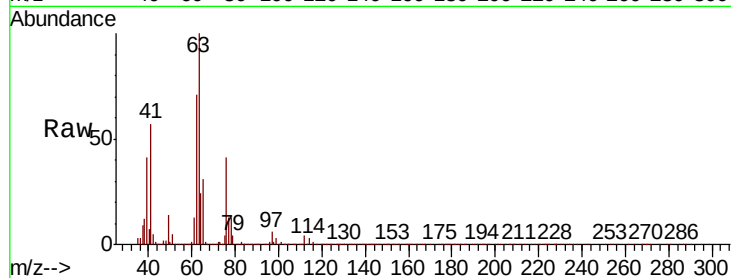
#45
 1,2-Dichloropropane
 Concen: 53.020 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.8	37.2

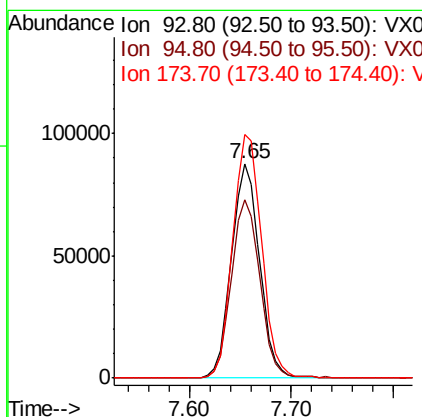
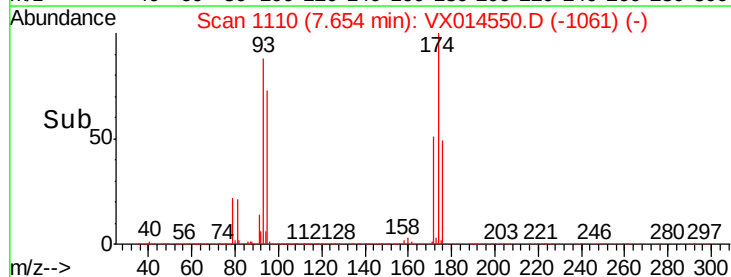
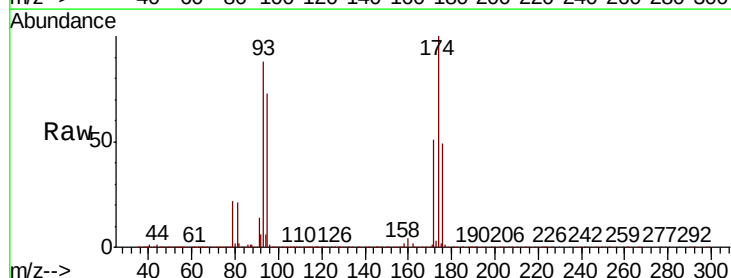
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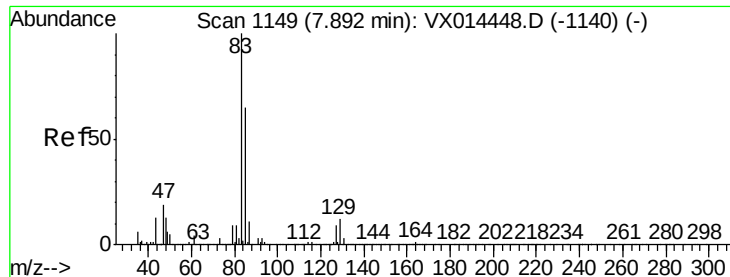
MMDadoda
 1/13/2020 11:34:08 AM



#46
 Dibromomethane
 Concen: 48.036 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.4	65.4	98.2
174	117.3	93.0	139.4





#47

Bromodichloromethane

Concen: 52.289 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

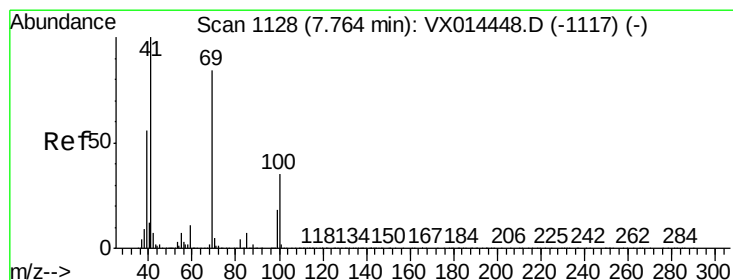
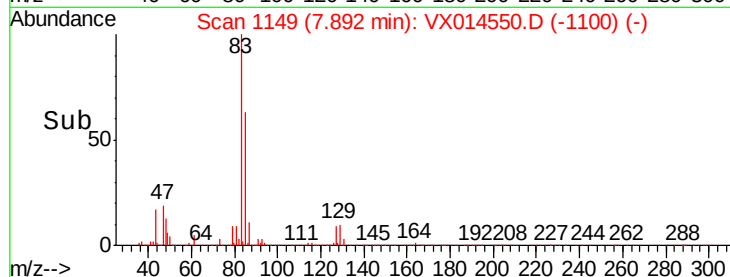
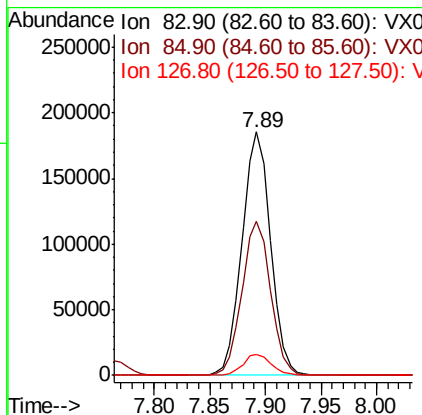
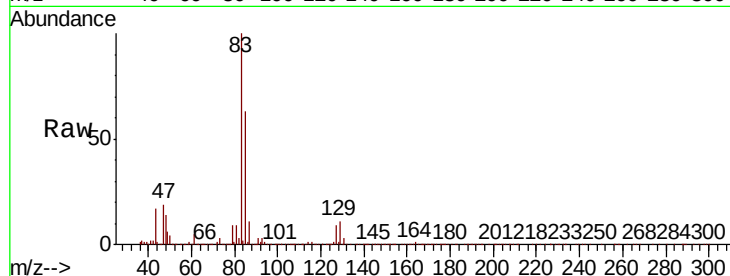
ClientSampleId :

VSTDCCC050

Tot Ion	83	Resp	329058
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.7	77.5
127	8.7	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.928 ug/l

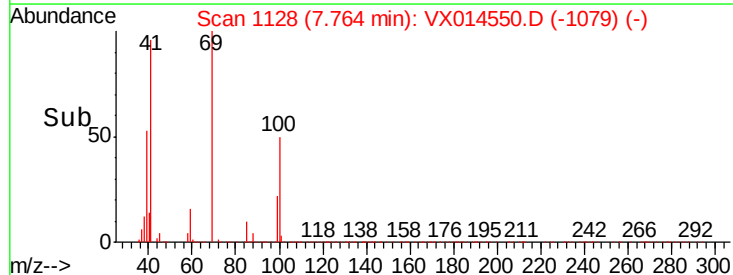
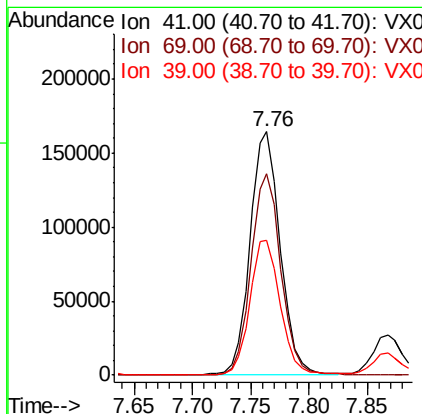
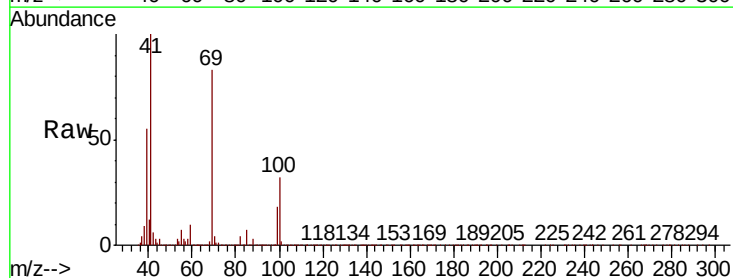
RT: 7.76 min Scan# 1128

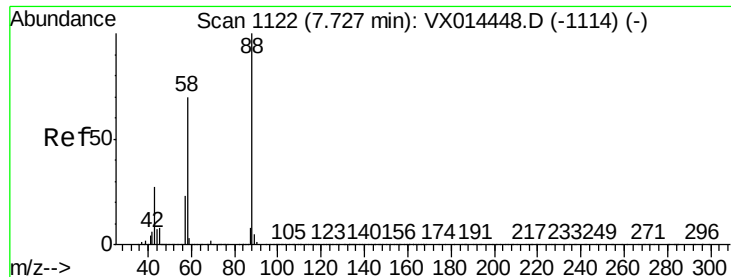
Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion	41	Resp	296783
Ion Ratio	Lower	Upper	
41	100		
69	82.8	65.5	98.3
39	55.3	43.9	65.9





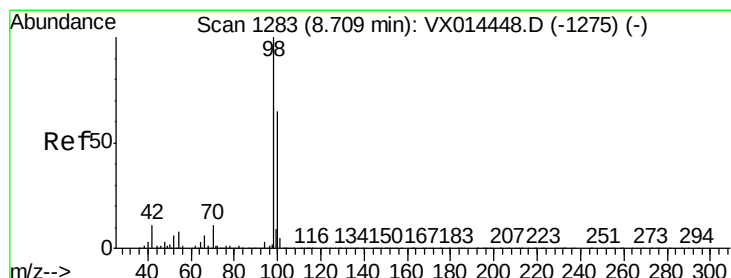
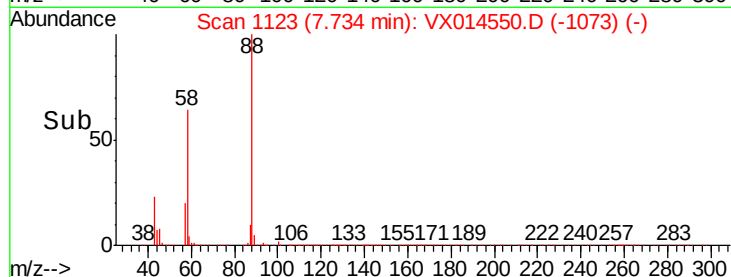
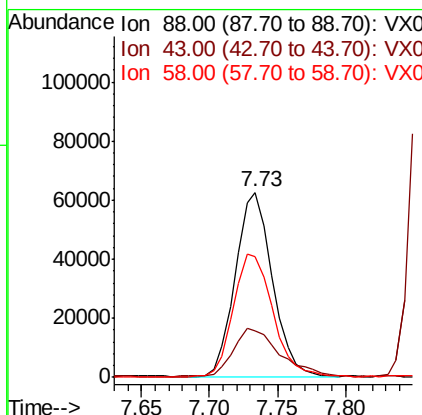
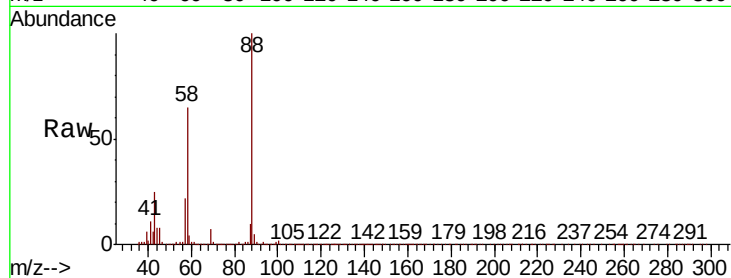
#49
1,4-Dioxane
Concen: 1023.682 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	27.4	41.0
58	70.8	57.1	85.7

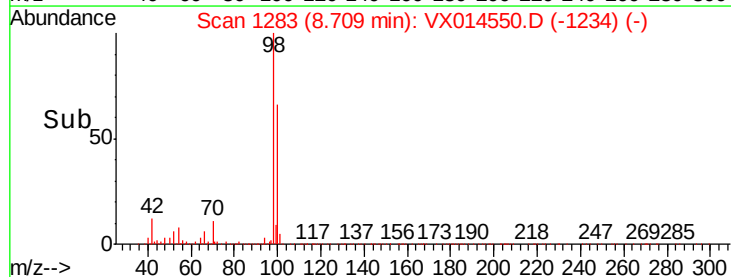
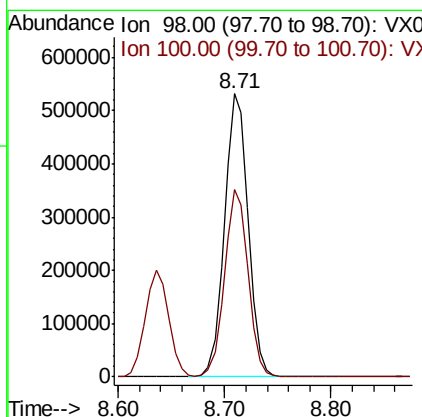
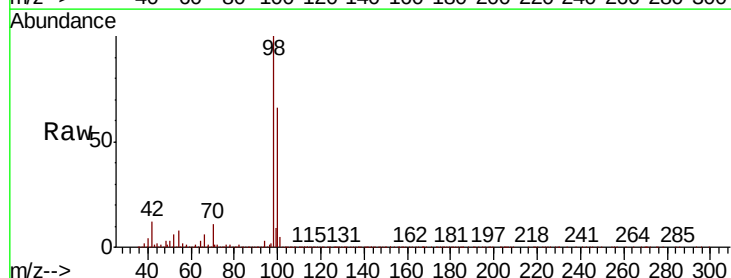
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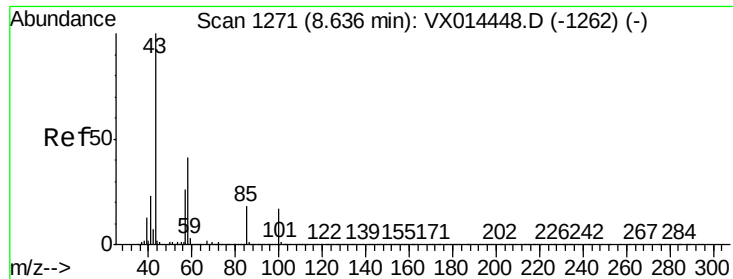
MMDadoda
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#50
Toluene-d8
Concen: 50.285 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.2	79.8





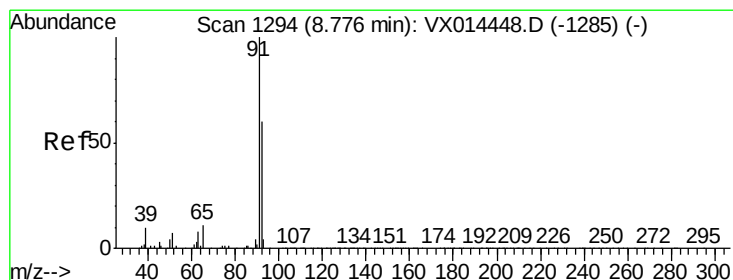
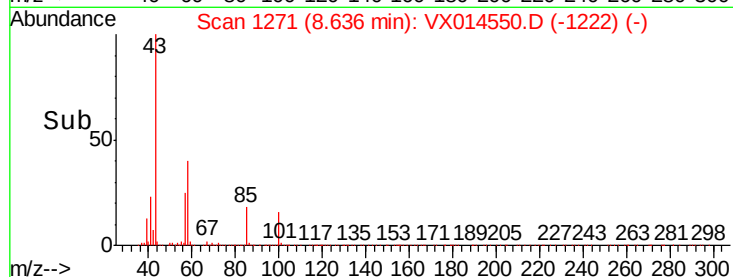
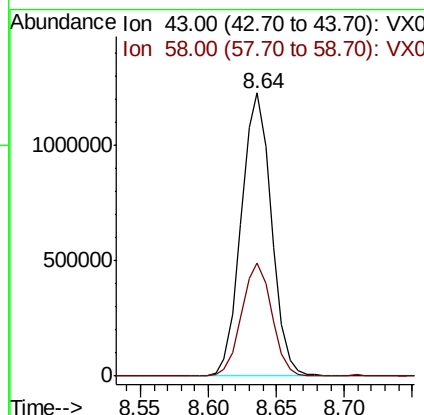
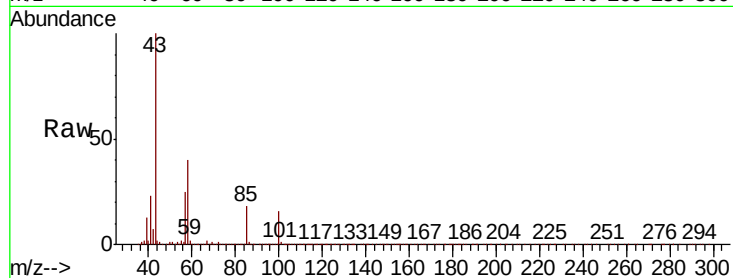
#51
4-Methyl-2-Pentanone
Concen: 272.201 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 1905950
Ion Ratio Lower Upper
43 100
58 39.9 32.4 48.6

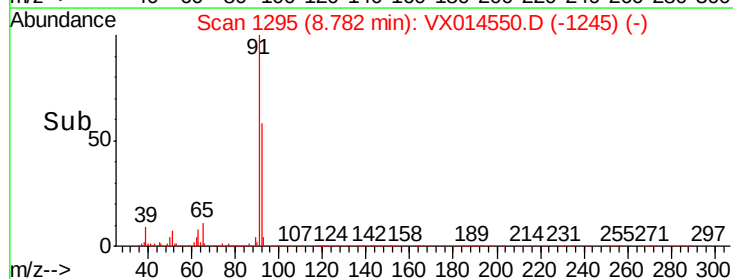
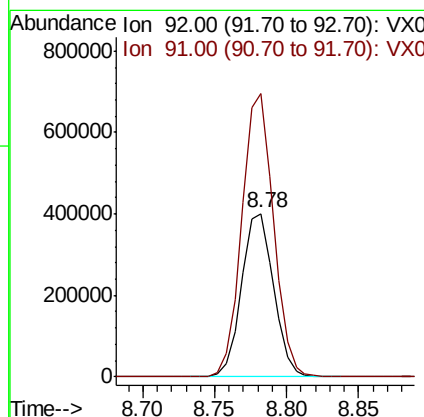
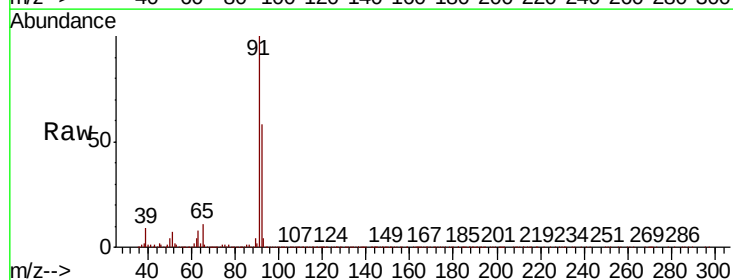
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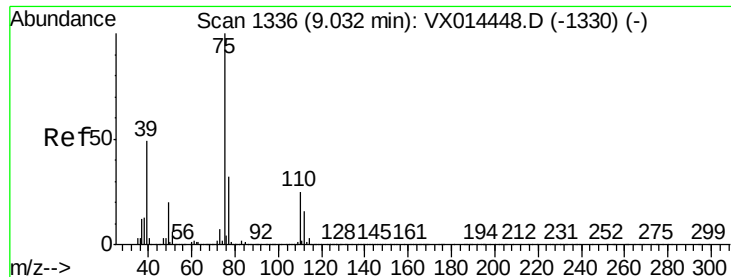
MMDadoda
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#52
Toluene
Concen: 49.723 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion: 92 Resp: 618636
Ion Ratio Lower Upper
92 100
91 171.3 135.7 203.5





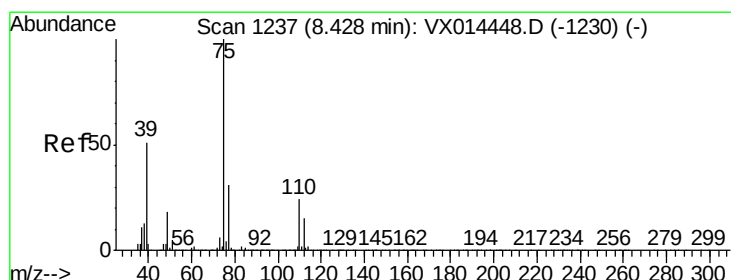
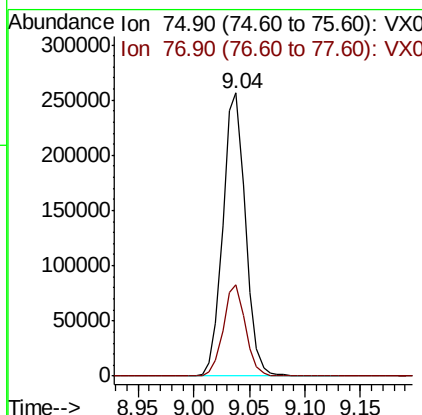
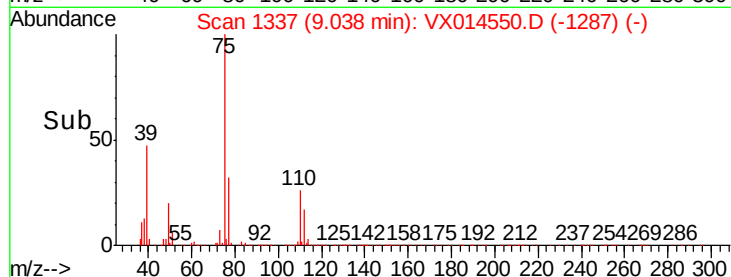
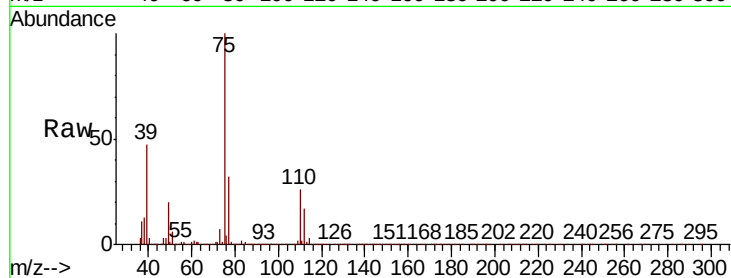
#53
t-1,3-Dichloropropene
Concen: 49.105 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.4	38.2

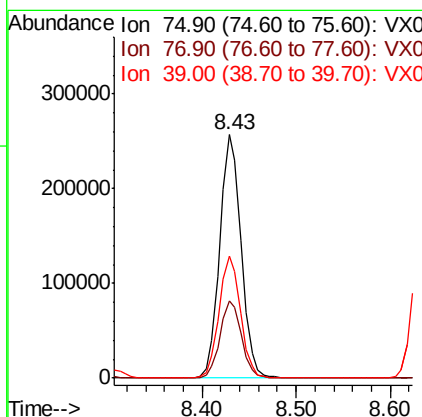
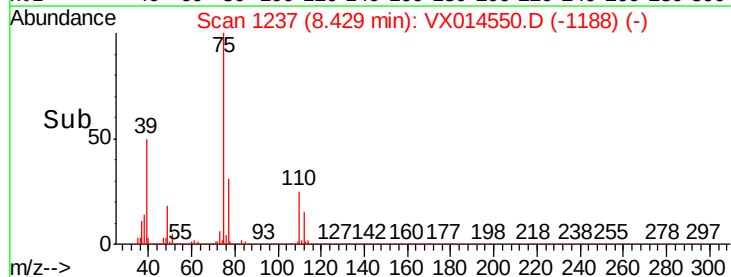
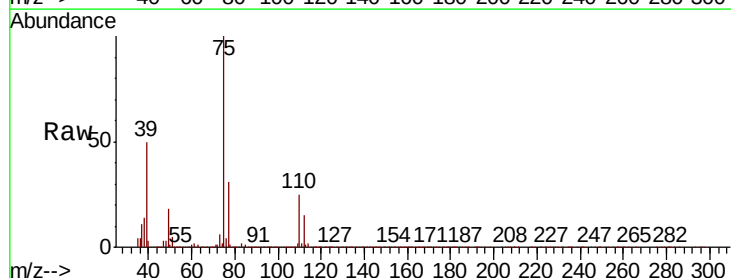
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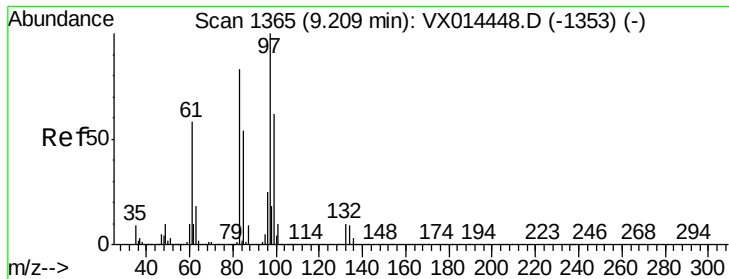
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.831 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.4
39	50.2	40.7	61.1





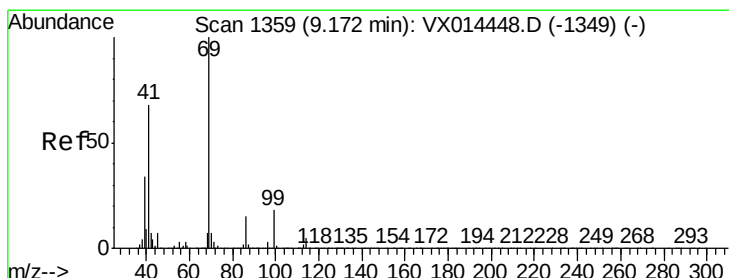
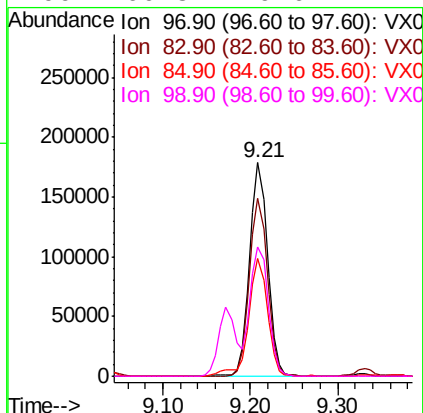
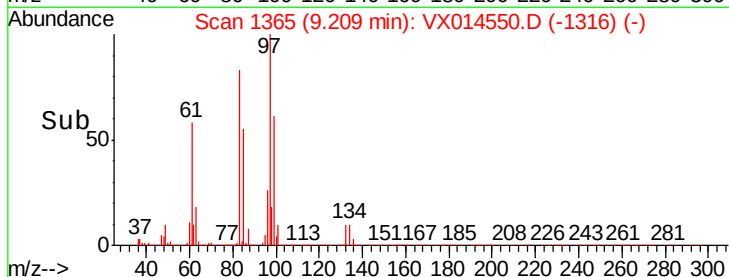
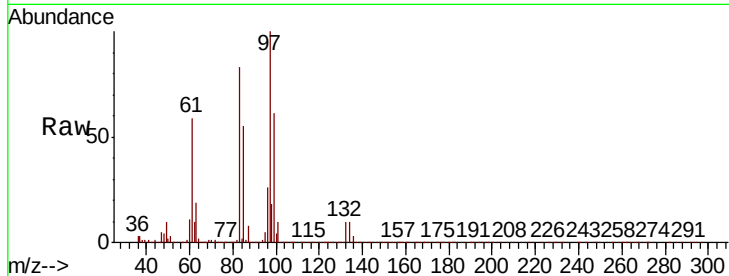
#55
 1,1,2-Trichloroethane
 Concen: 51.200 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		255865		
83	83.2	66.4	99.6		
85	55.3	43.4	65.2		
99	60.8	49.6	74.4		

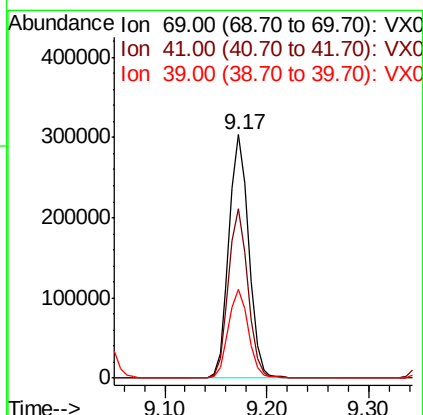
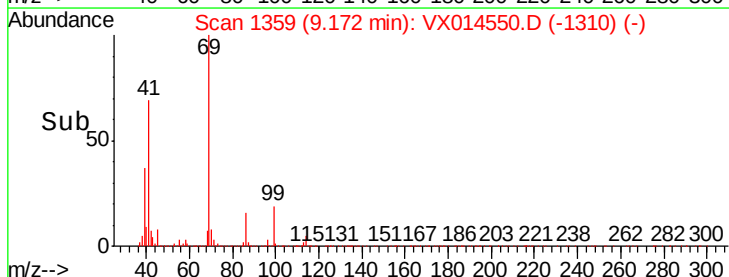
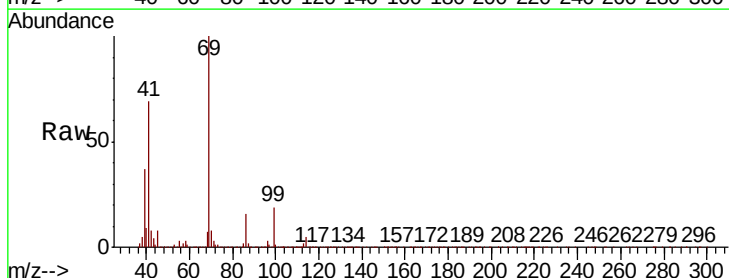
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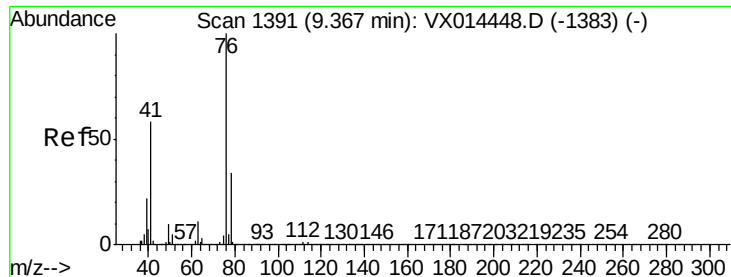
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#56
 Ethyl methacrylate
 Concen: 53.585 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		410255		
41	68.0	54.2	81.2		
39	36.3	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 51.579 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 430972

Ion Ratio Lower Upper

76 100

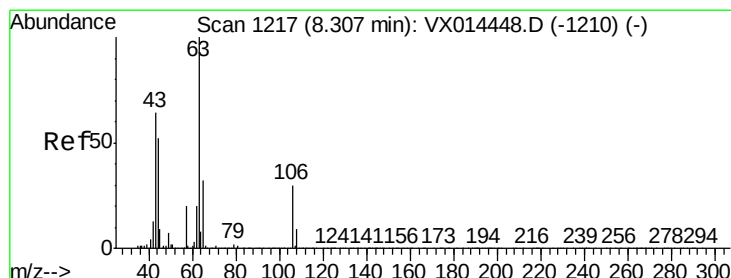
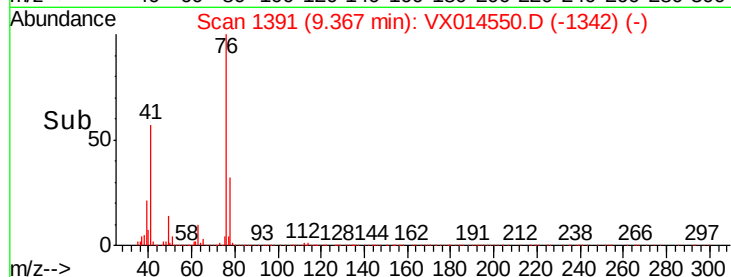
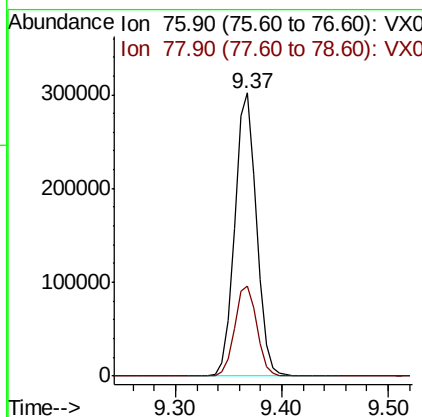
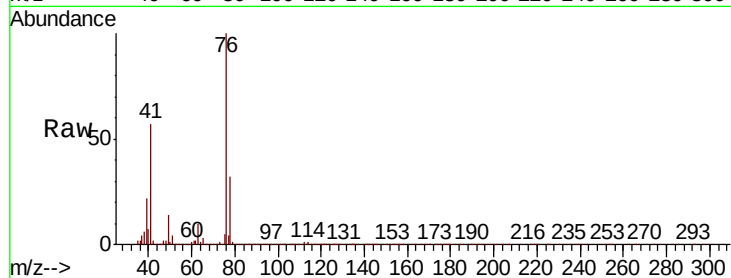
78 32.7 26.4 39.6

Manual Integrations

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1/13/2020 11:34:08 AM



#58

2-Chloroethyl Vinyl ether

Concen: 271.399 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014550.D

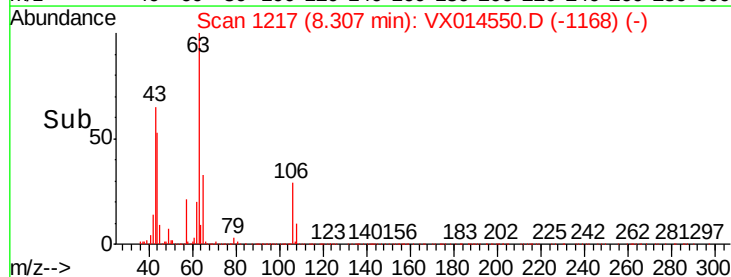
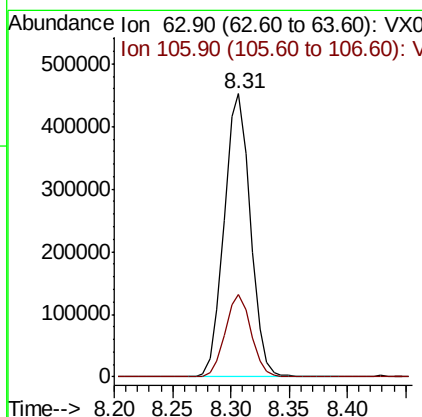
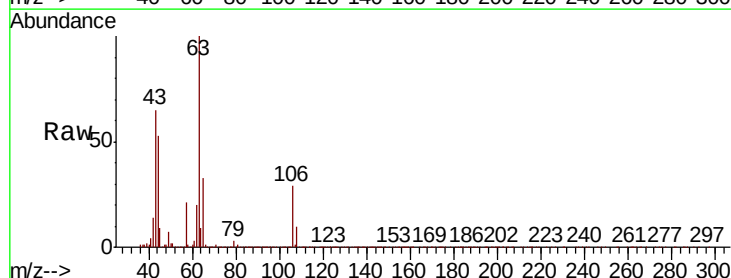
Acq: 10 Jan 2020 20:37

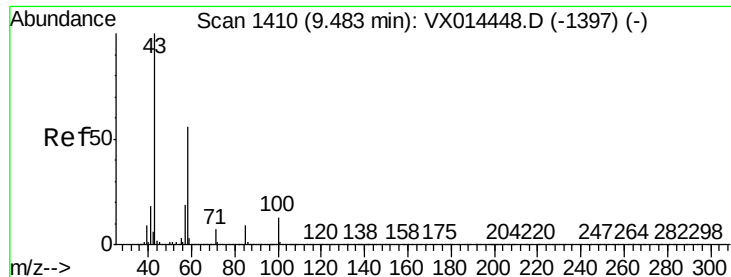
Tgt Ion: 63 Resp: 706961

Ion Ratio Lower Upper

63 100

106 28.8 23.6 35.4





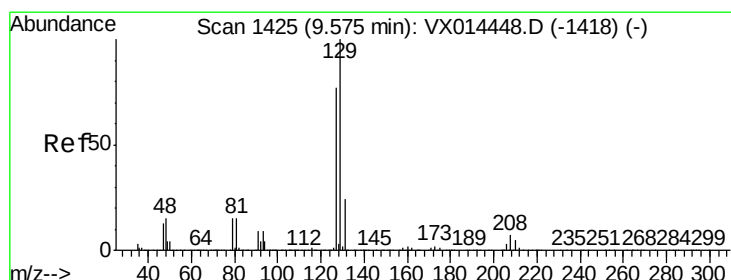
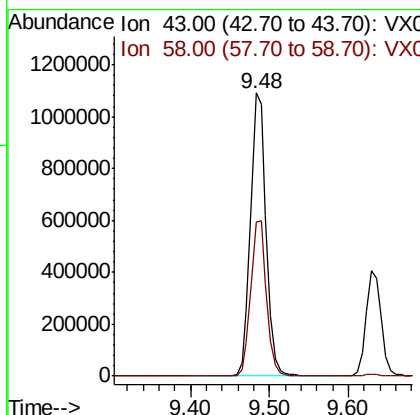
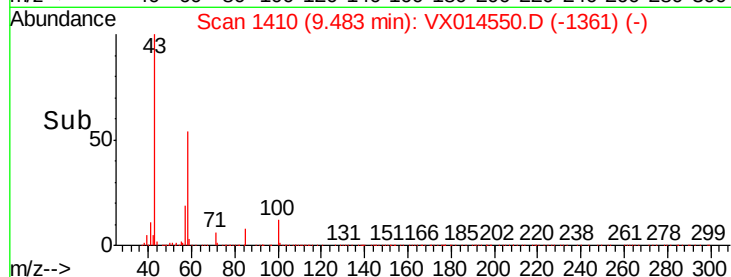
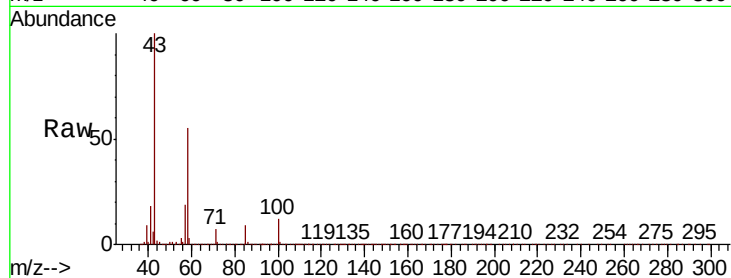
#59
2-Hexanone
Concen: 270.261 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1497326
Ion Ratio Lower Upper
43 100
58 55.5 27.9 83.7

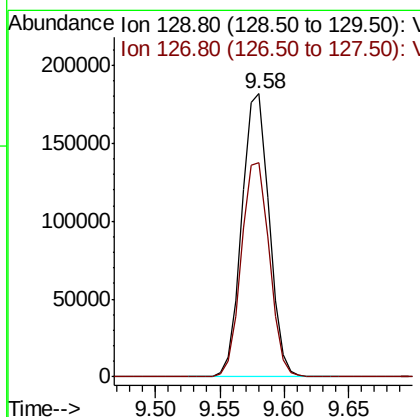
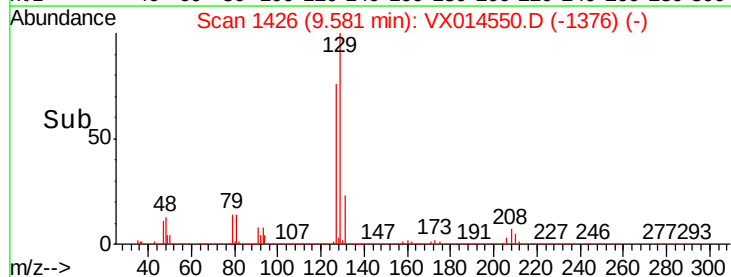
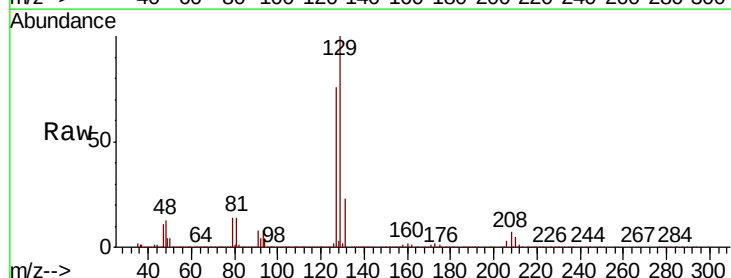
Manual Integrations
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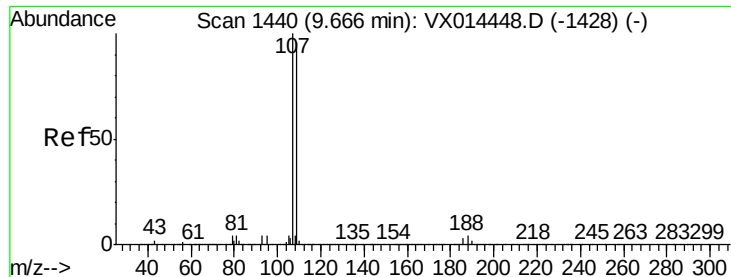
MMDadoda
1/13/2020 11:34:08 AM



#60
Dibromochloromethane
Concen: 53.071 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion: 129 Resp: 266572
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.591 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 267810

Ion Ratio Lower Upper

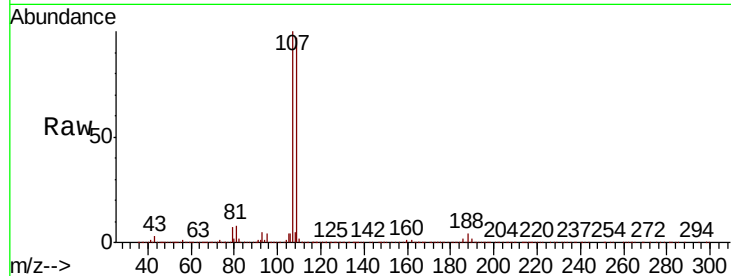
107 100

109 95.5 76.5 114.7

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

150000

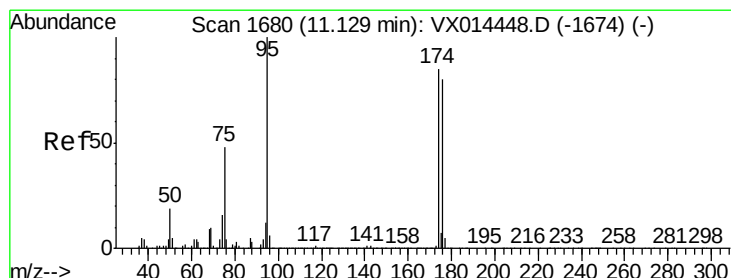
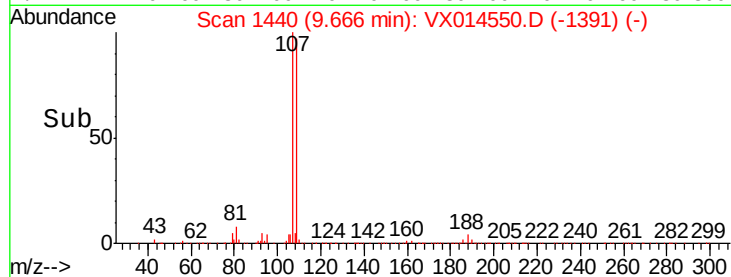
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 48.615 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

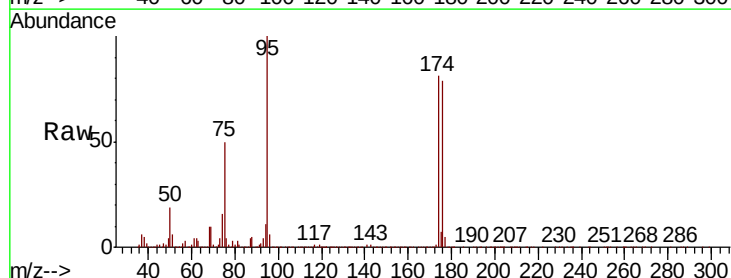
Tgt Ion: 95 Resp: 291946

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.8

176 87.9 0.0 172.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

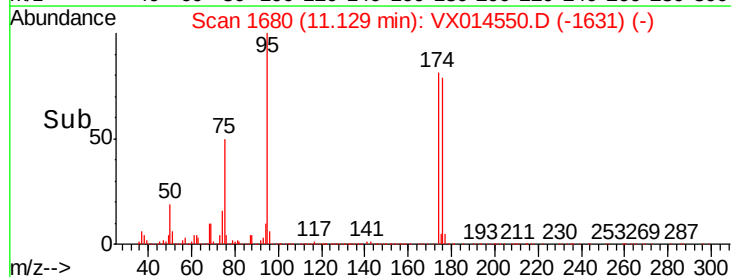
100000

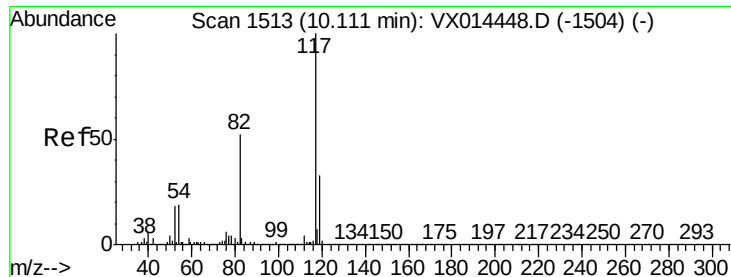
50000

0

11.10 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

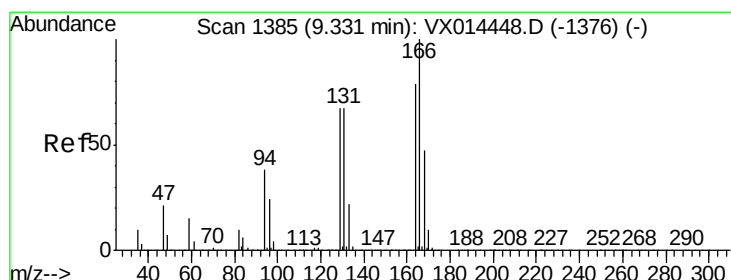
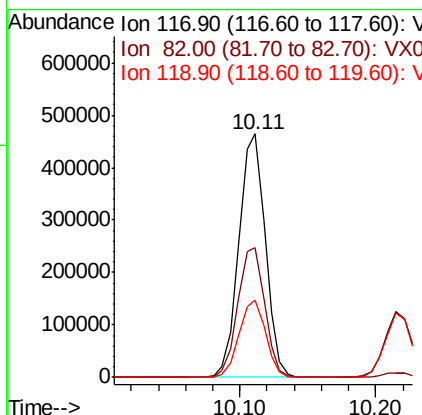
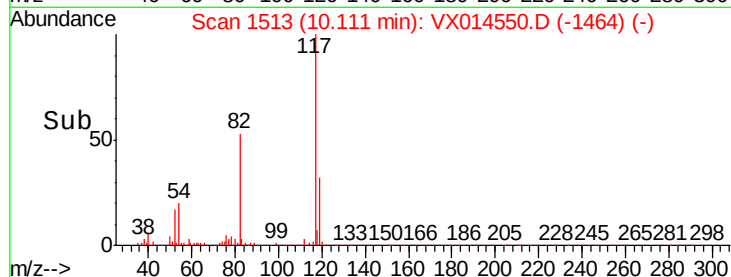
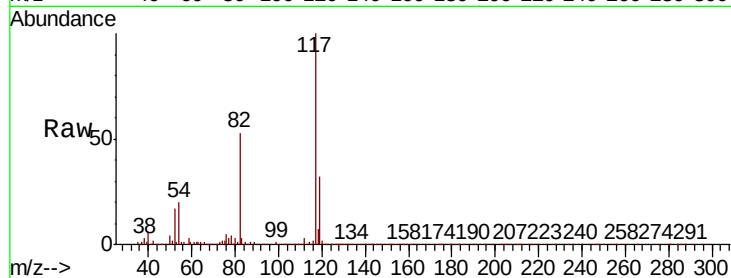
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	628660
Ion Ratio	Lower	Upper	
117	100		
82	53.1	41.8	62.6
119	31.8	26.2	39.4

Manual Integrations
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#64

Tetrachloroethene

Concen: 61.879 ug/l

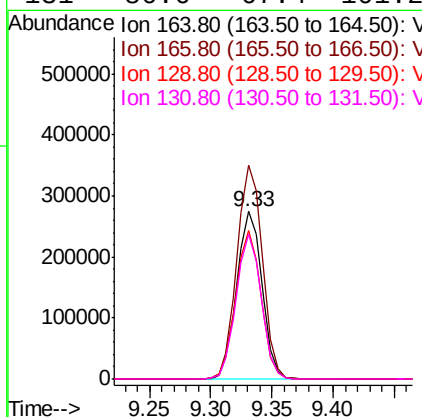
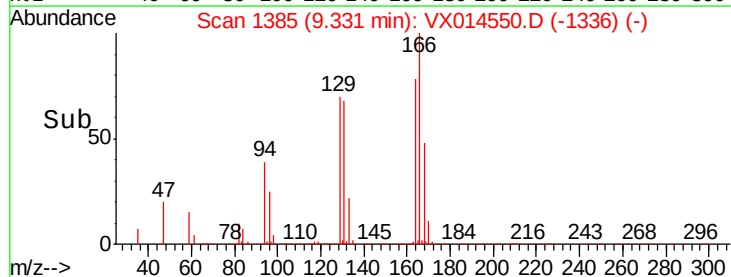
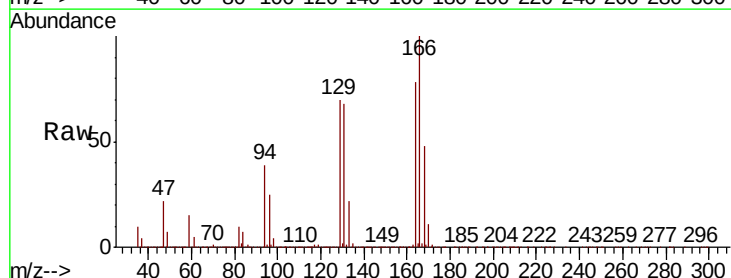
RT: 9.33 min Scan# 1385

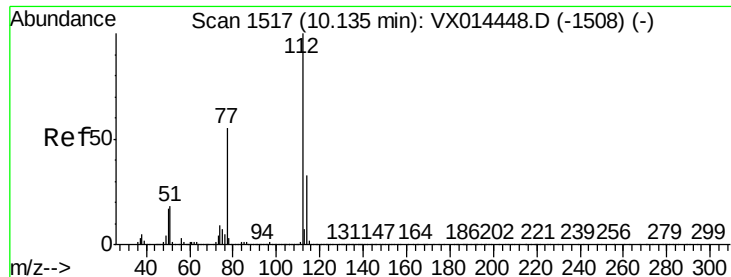
Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion:	164	Resp:	389874
Ion Ratio	Lower	Upper	
164	100		
166	127.8	101.2	151.8
129	88.8	68.3	102.5
131	86.6	67.4	101.2





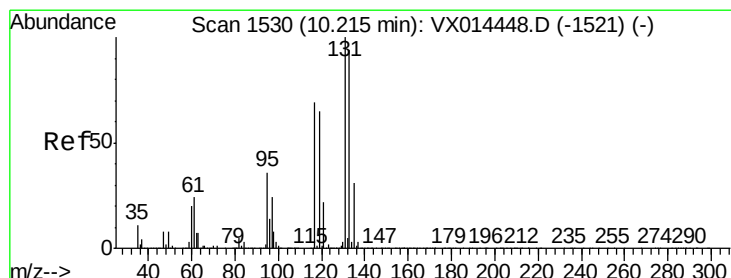
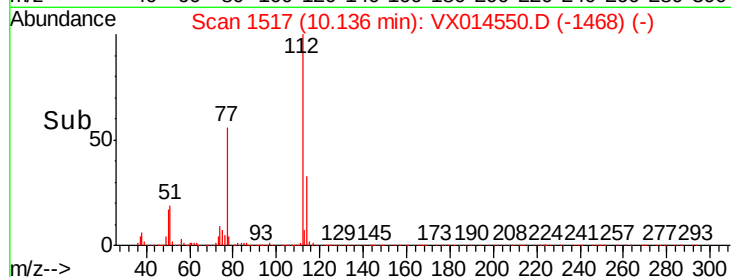
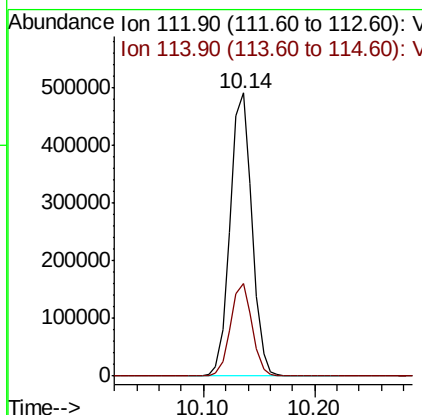
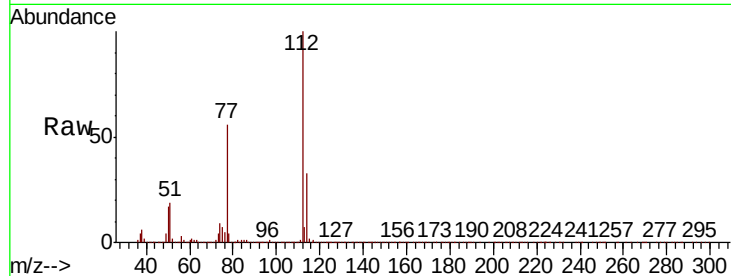
#65
Chlorobenzene
Concen: 48.688 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	26.2	39.4

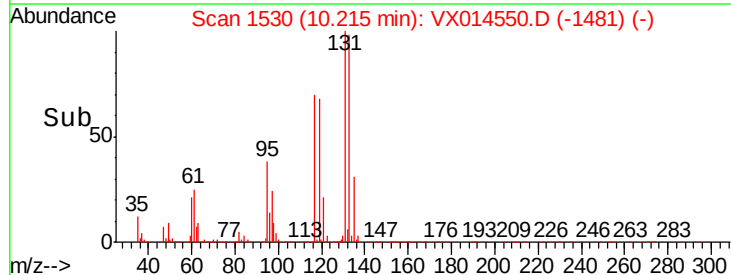
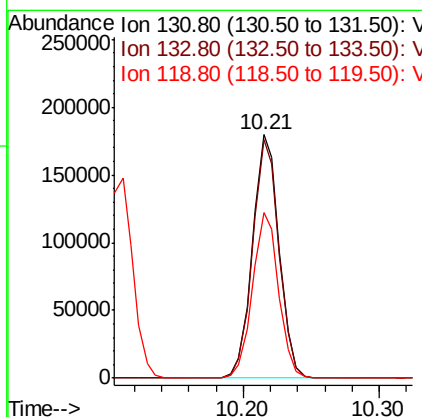
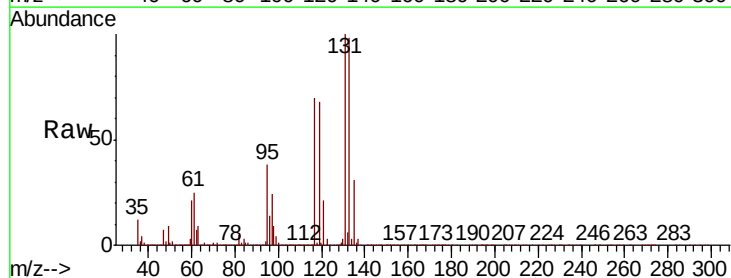
Manual Integrations
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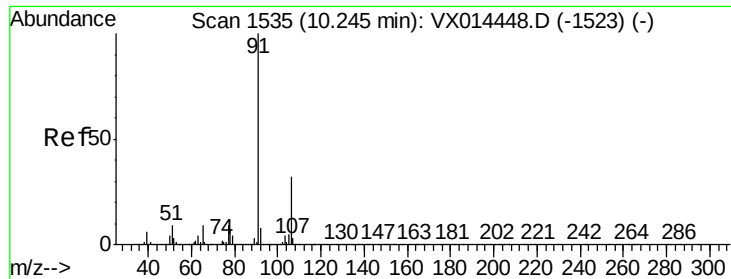
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.594 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.3	47.3	142.0
119	66.6	32.8	98.4





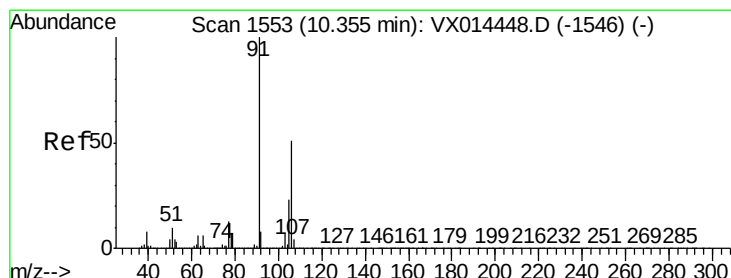
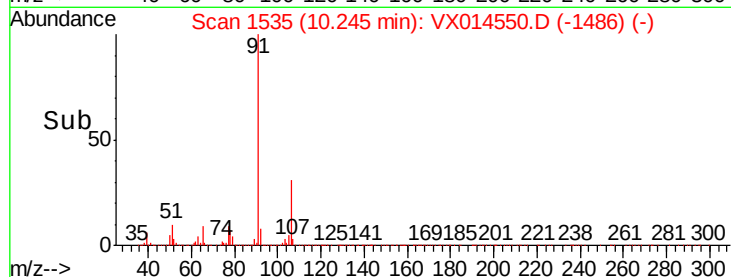
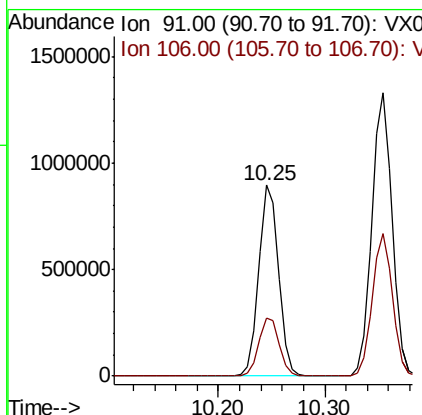
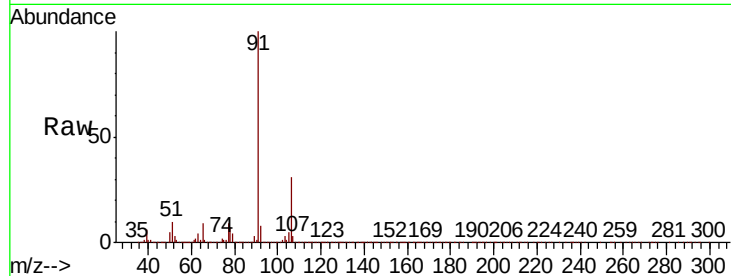
#67
Ethyl Benzene
Concen: 50.404 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1172076
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

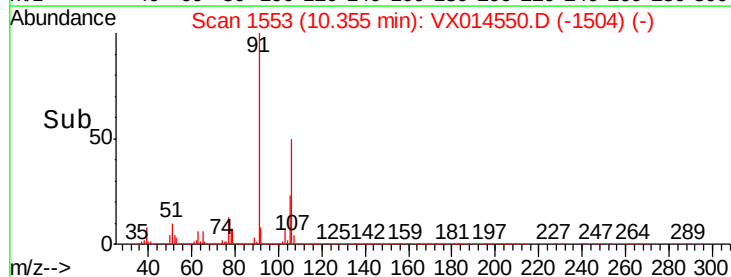
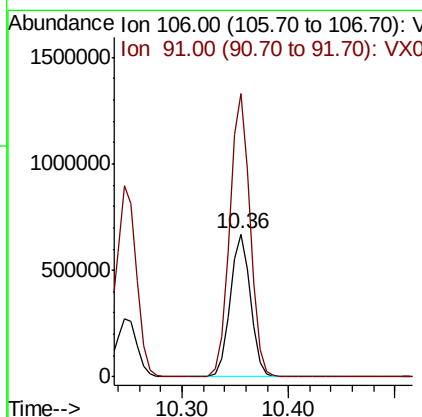
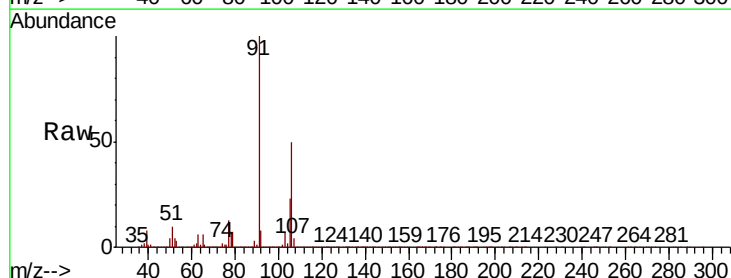
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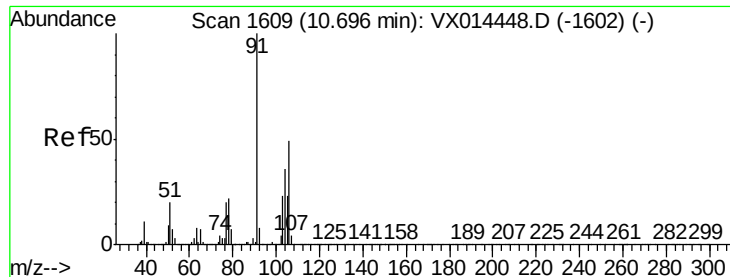
MMDadoda
1/13/2020 11:34:08 AM



#68
m/p-Xylenes
Concen: 99.489 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion: 106 Resp: 892526
Ion Ratio Lower Upper
106 100
91 199.6 157.4 236.0





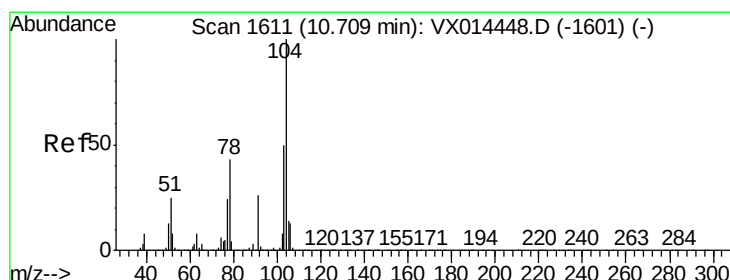
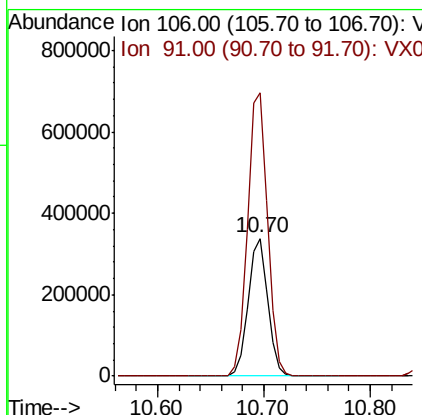
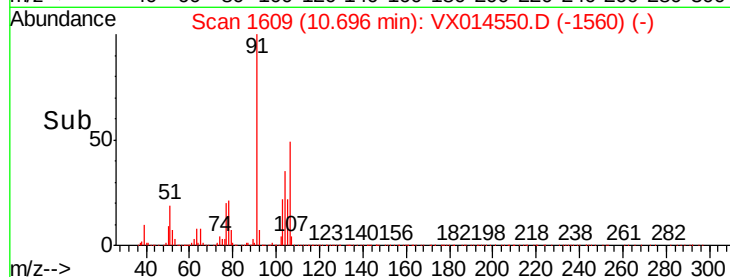
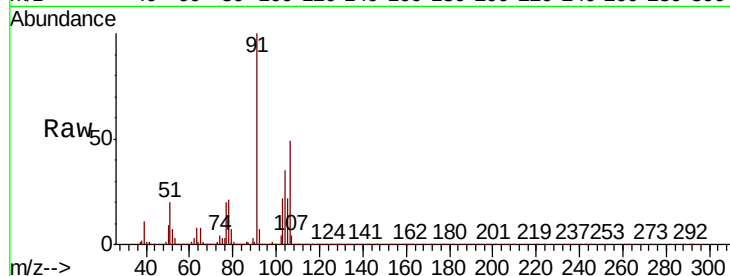
#69
o-Xylene
Concen: 51.057 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.7	105.1	315.1

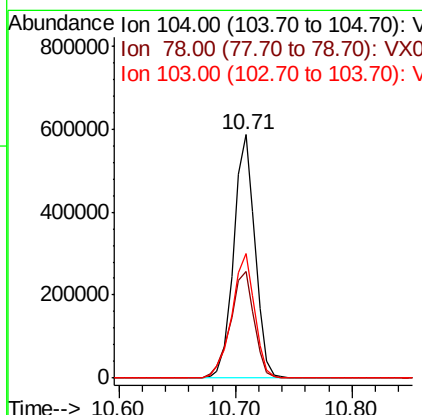
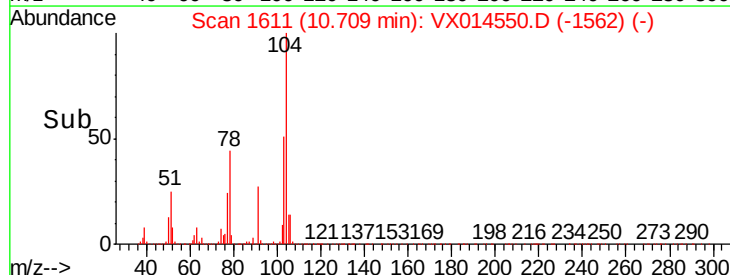
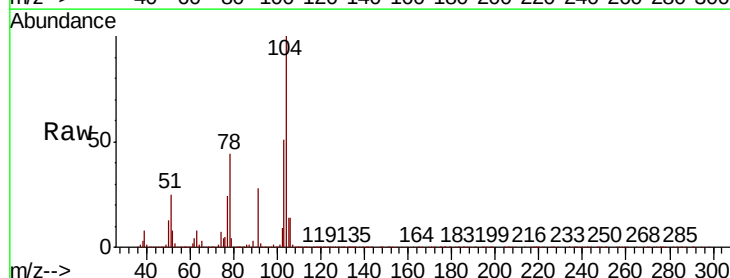
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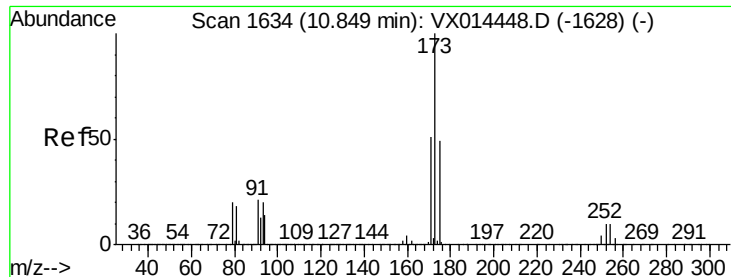
MMDadoda
1/13/2020 11:34:08 AM



#70
Styrene
Concen: 50.654 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.6	58.0
103	54.7	43.7	65.5





#71

Bromoform

Concen: 51.070 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

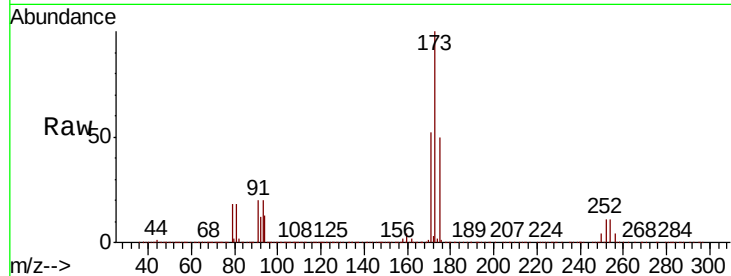
ClientSampleId :

VSTDCCC050

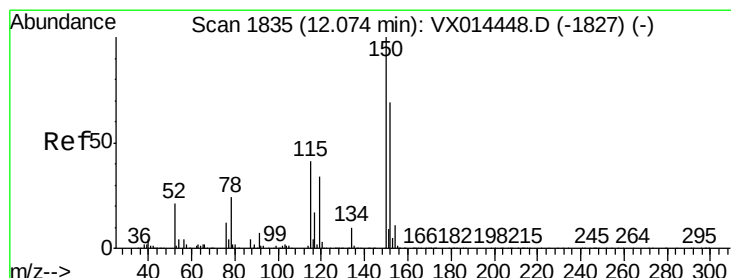
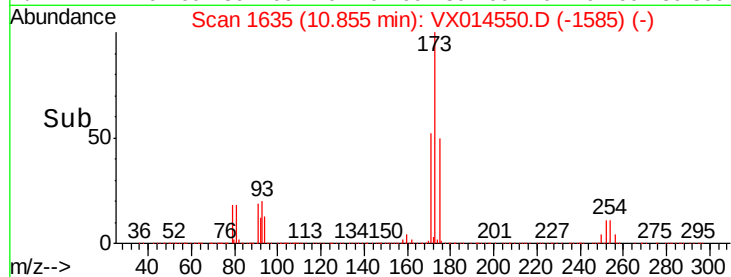
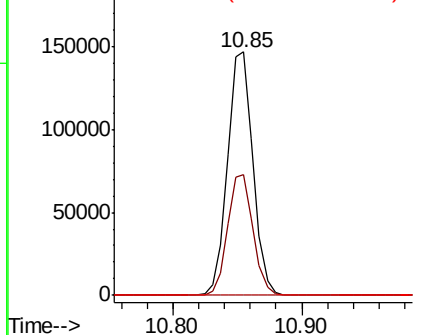
Tot Ion:	173	Resp:	203436
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.3	72.8
254	0.2	0.2	0.2

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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: 12.07 min Scan# 1835

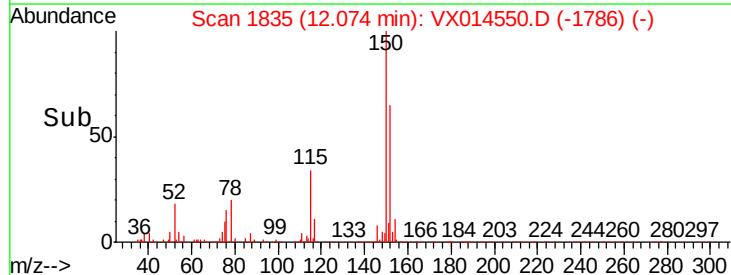
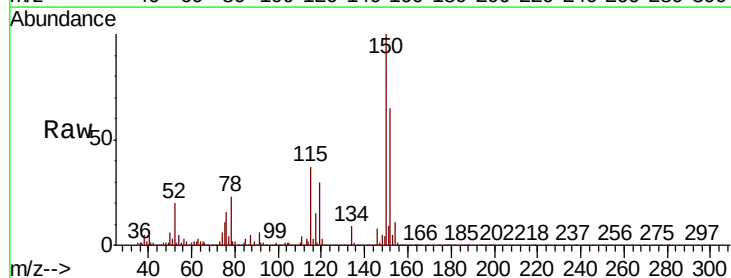
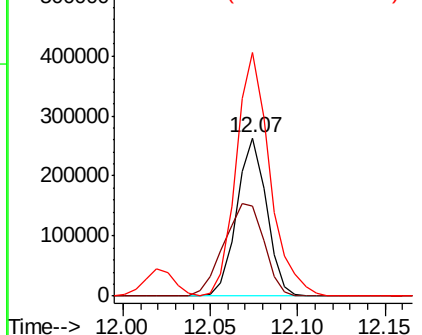
Delta R.T. 0.00 min

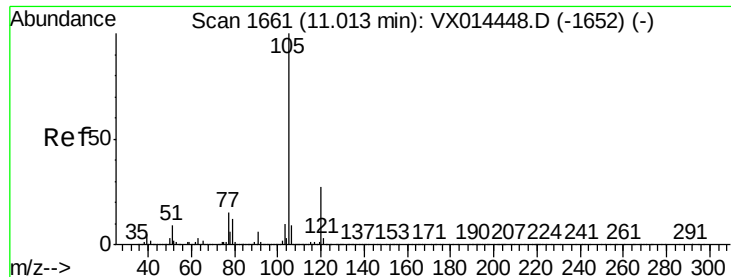
Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion:	152	Resp:	312899
Ion Ratio	Lower	Upper	
152	100		
115	79.1	39.5	118.3
150	173.7	0.0	350.2

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: 52.019 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1142971

Ion Ratio Lower Upper

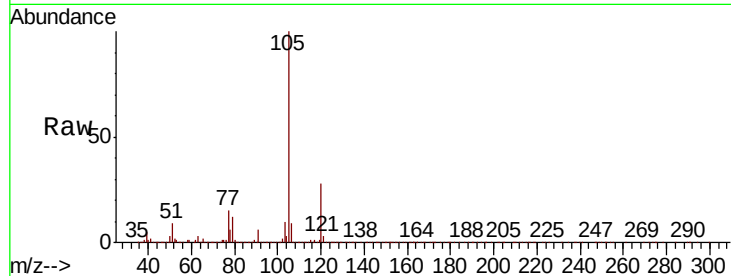
105 100

120 27.1 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

800000

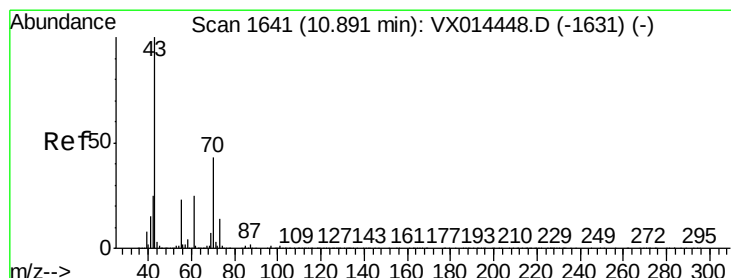
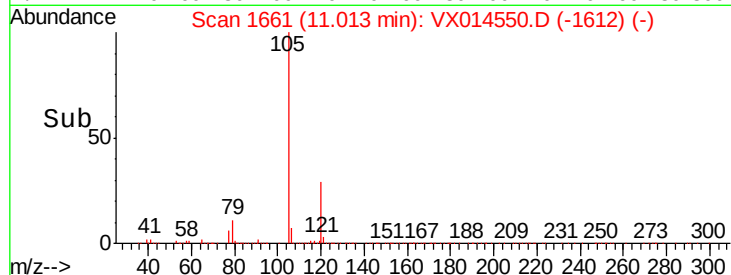
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 54.220 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion: 43 Resp: 525601

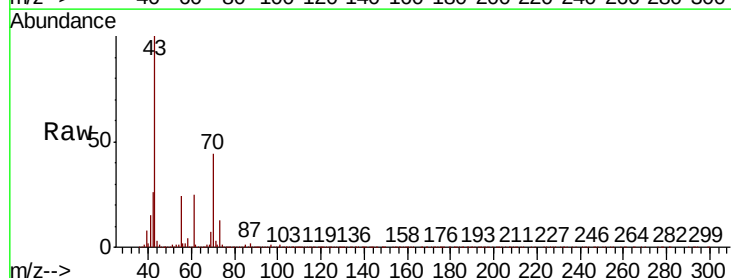
Ion Ratio Lower Upper

43 100

70 43.8 35.1 52.7

55 24.5 19.3 28.9

61 24.6 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

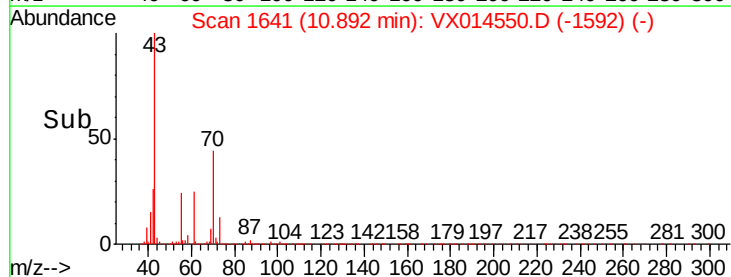
10.89

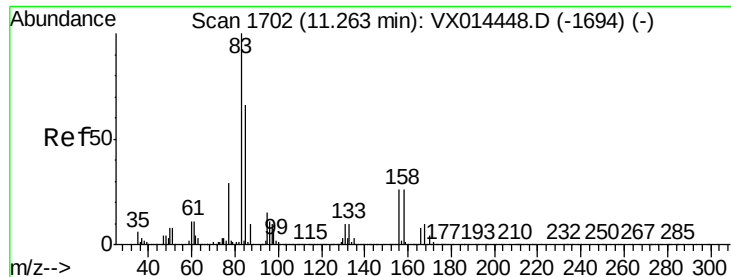
400000

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 50.643 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

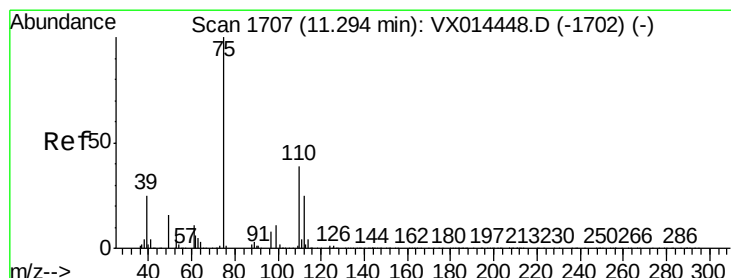
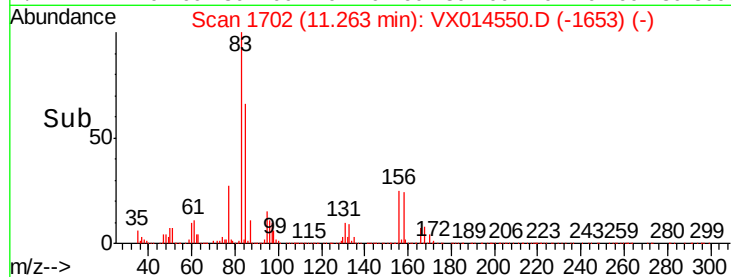
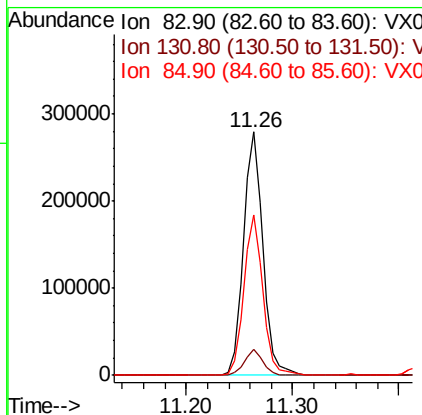
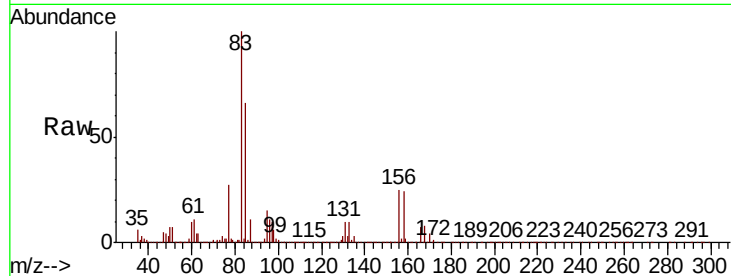
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	356850
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.4
85	64.5	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.534 ug/l m

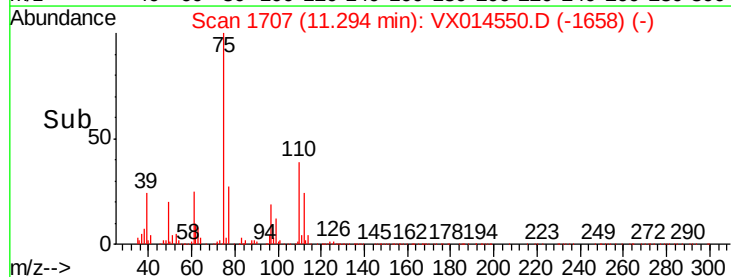
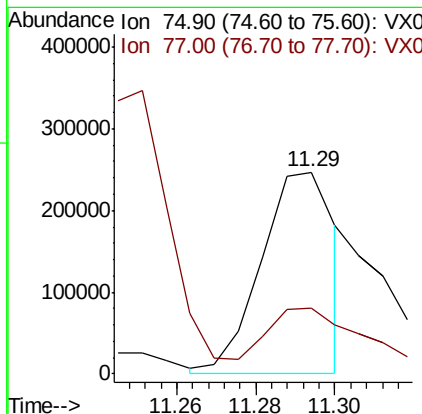
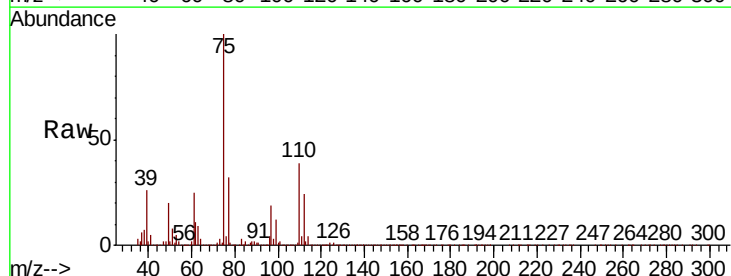
RT: 11.29 min Scan# 1707

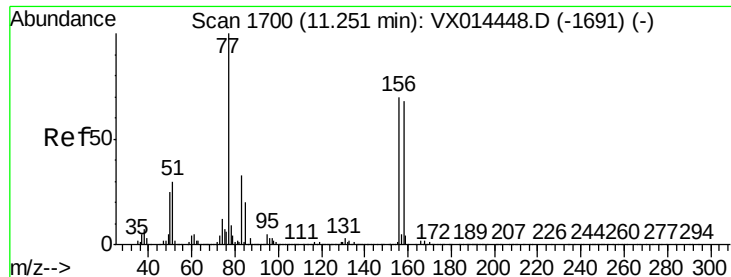
Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion:	75	Resp:	320683
Ion Ratio	Lower	Upper	
75	100		
77	43.5	21.9	65.7





#77

Bromobenzene

Concen: 49.721 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

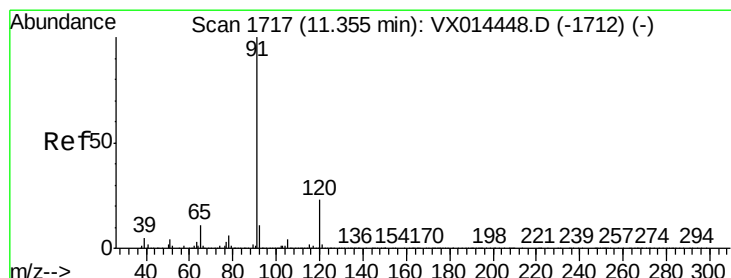
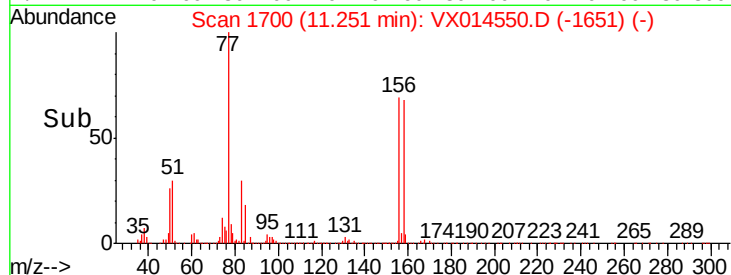
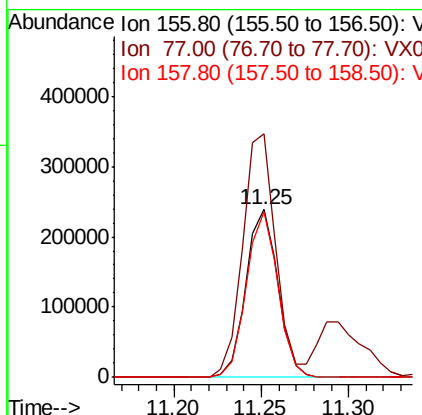
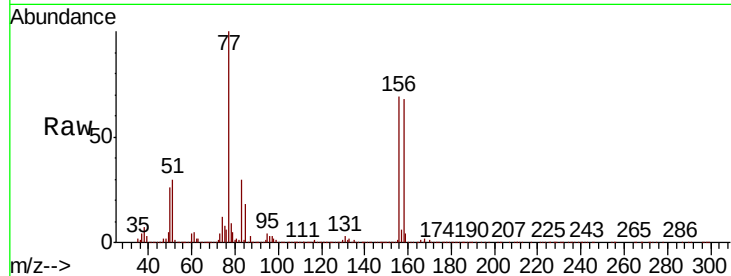
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	302969
Ion Ratio	Lower	Upper	
156	100		
77	150.5	75.4	226.3
158	97.3	48.8	146.3

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#78

n-propylbenzene

Concen: 51.570 ug/l

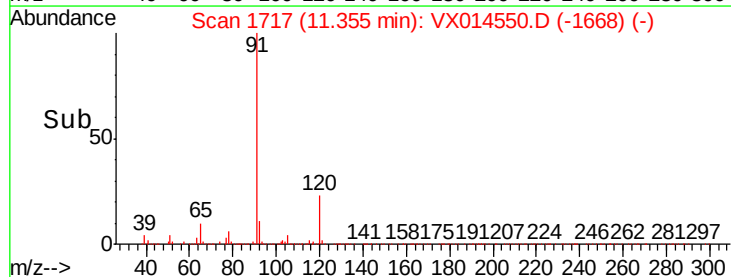
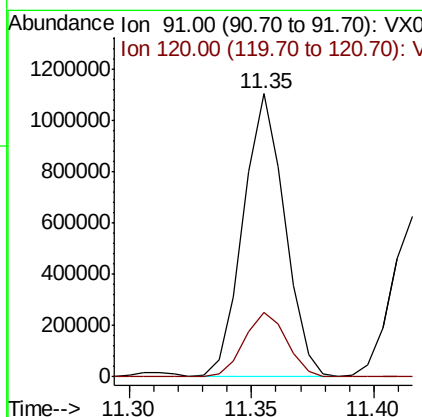
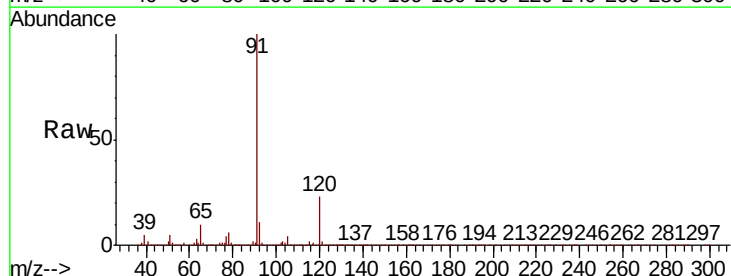
RT: 11.35 min Scan# 1717

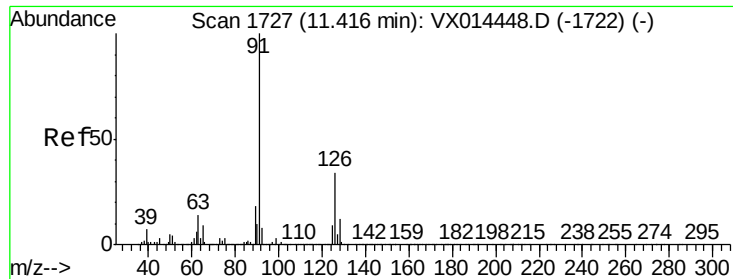
Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion:	91	Resp:	1297682
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.5





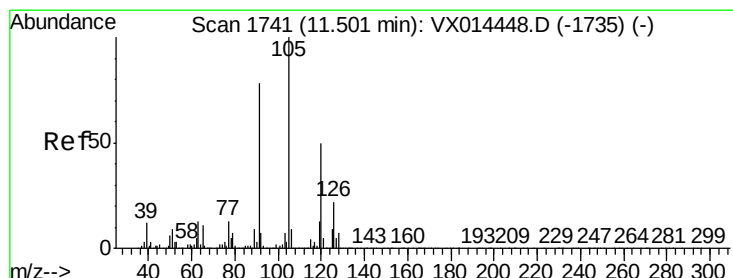
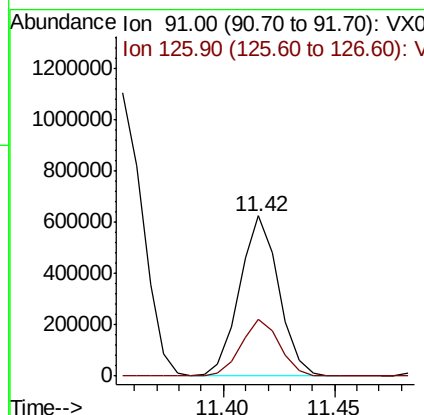
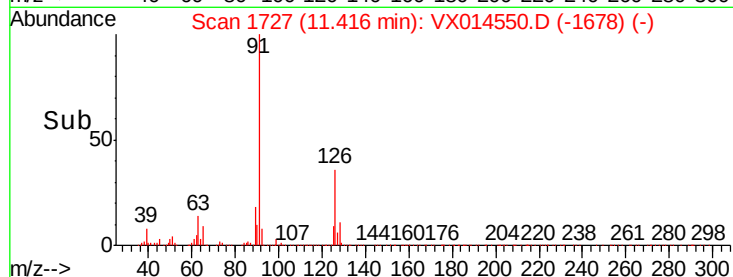
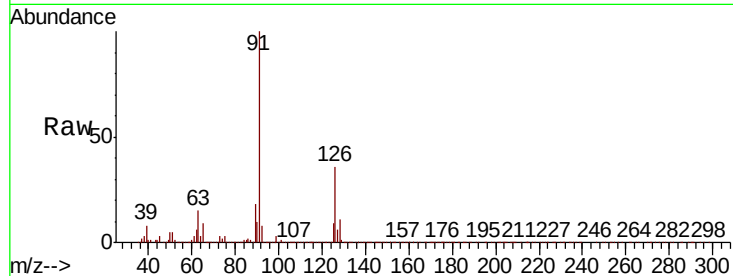
#79
2-Chlorotoluene
Concen: 50.894 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.5	52.5

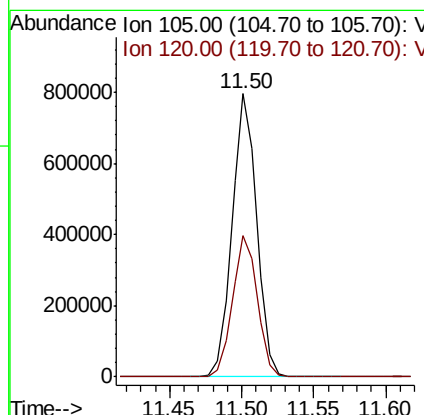
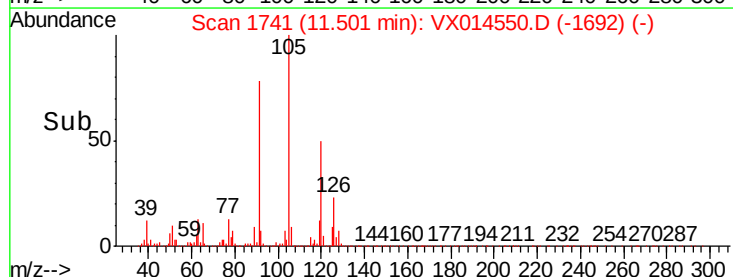
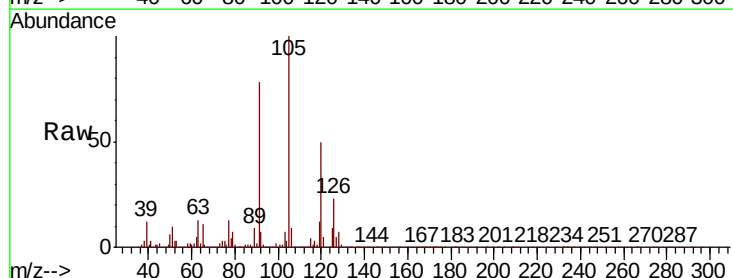
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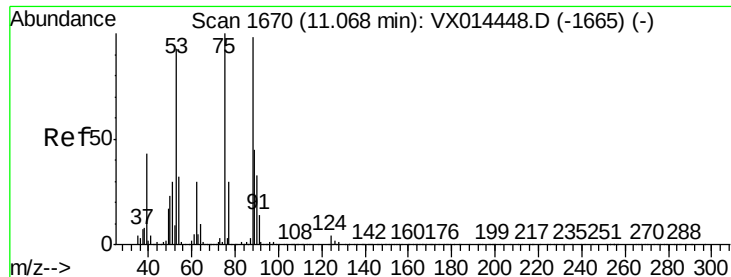
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 52.308 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.6	25.2	75.6





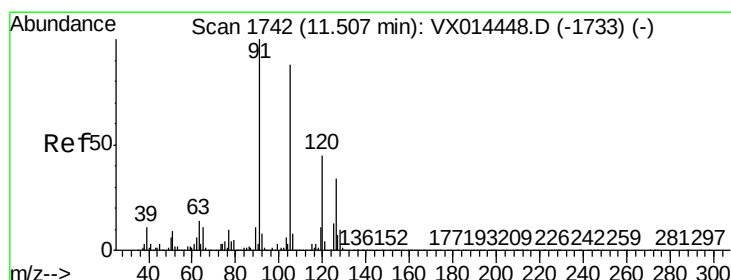
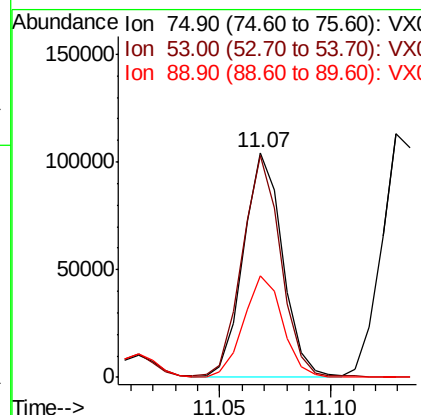
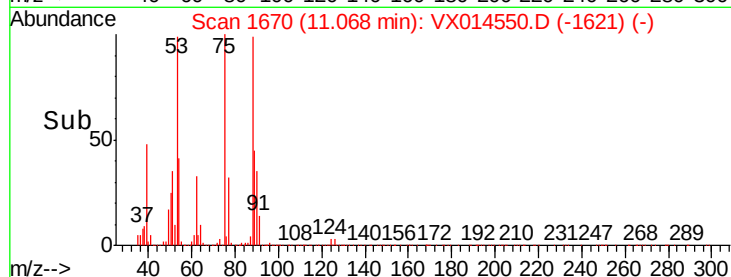
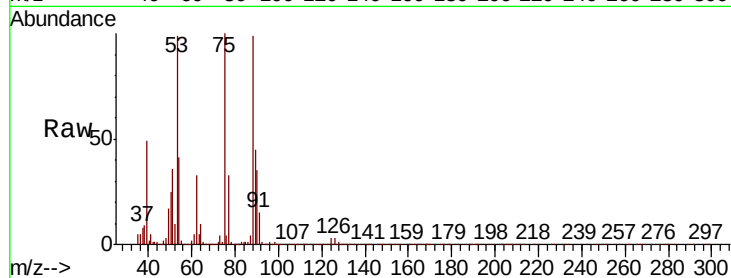
#81
trans-1,4-Dichloro-2-butene
Concen: 51.685 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.4	74.8	112.2
89	46.0	36.3	54.5

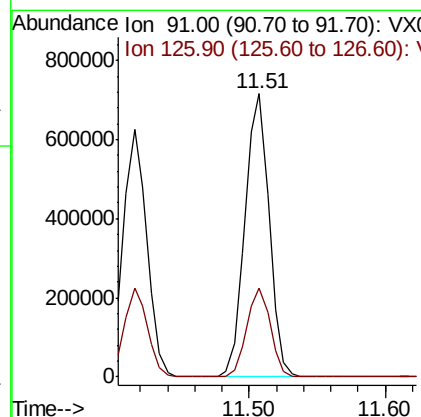
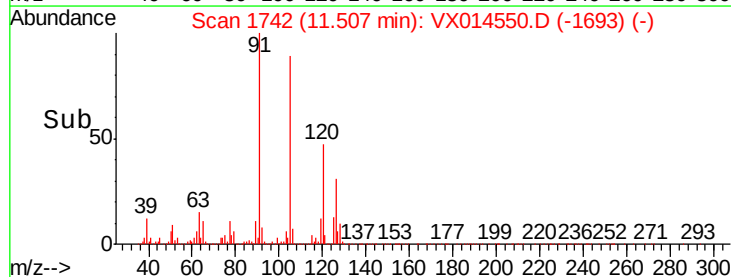
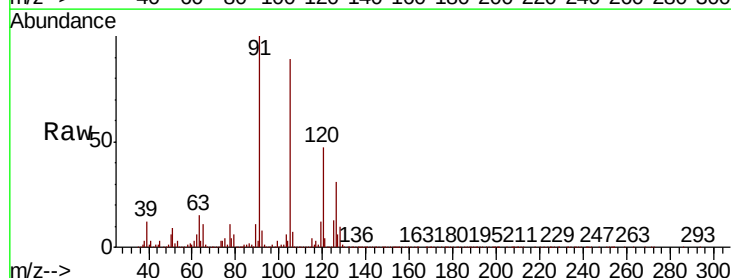
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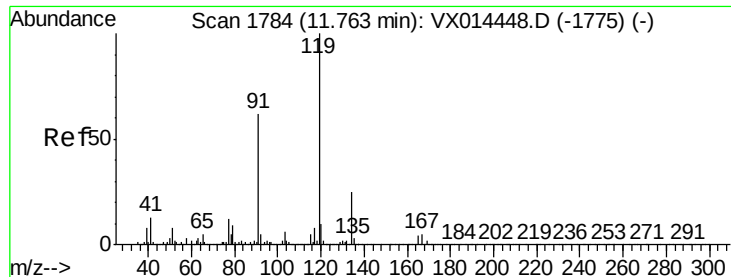
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1/13/2020 11:34:08 AM



#82
4-Chlorotoluene
Concen: 50.362 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.9	47.7





#83

tert-Butylbenzene

Concen: 47.117 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

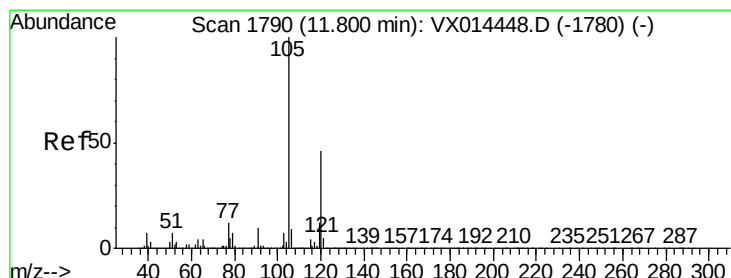
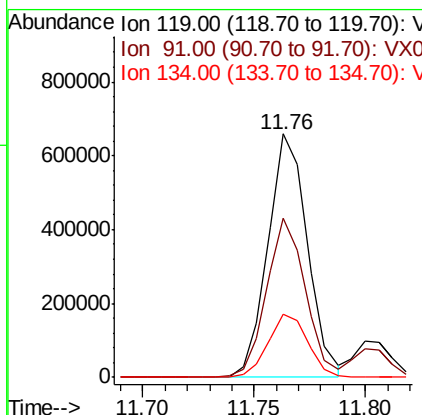
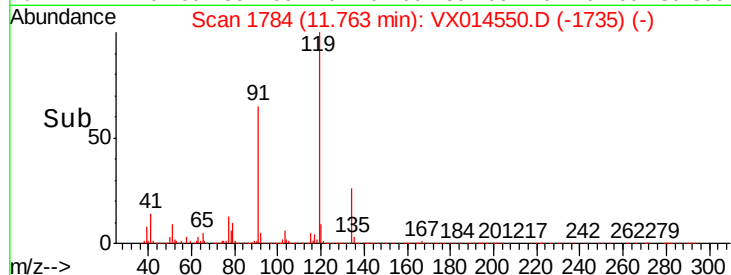
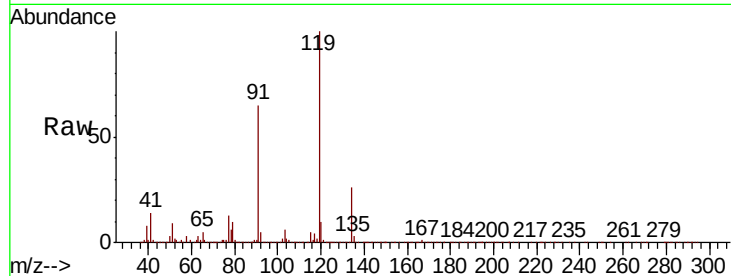
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	812126
Ion Ratio	Lower	Upper	
119	100		
91	64.0	29.3	88.0
134	26.2	12.4	37.4

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#84

1,2,4-Trimethylbenzene

Concen: 52.299 ug/l

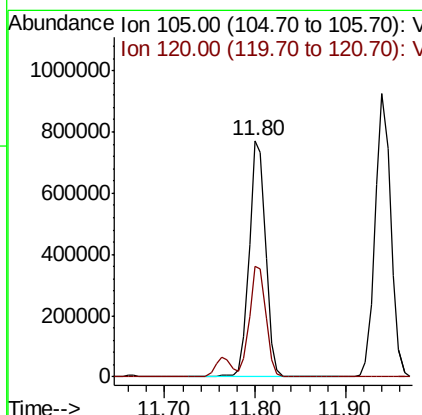
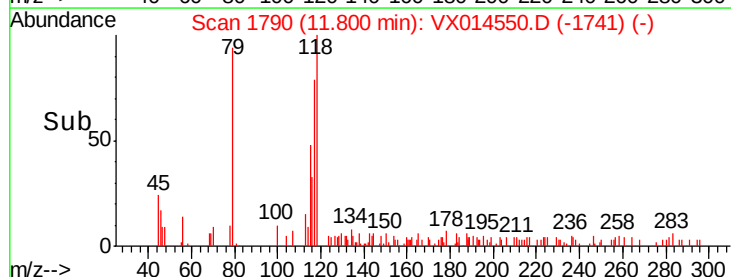
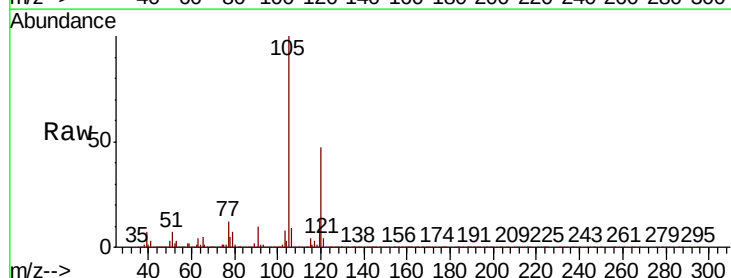
RT: 11.80 min Scan# 1790

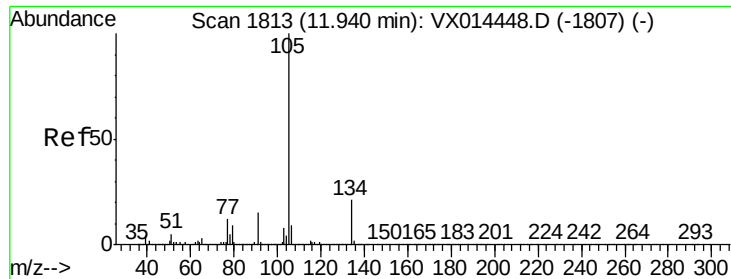
Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion:	105	Resp:	964033
Ion Ratio	Lower	Upper	
105	100		
120	46.6	23.1	69.3





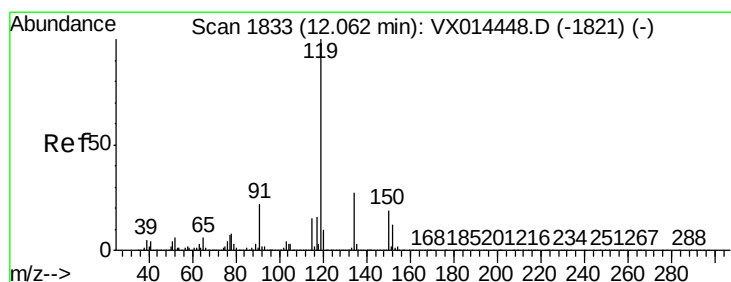
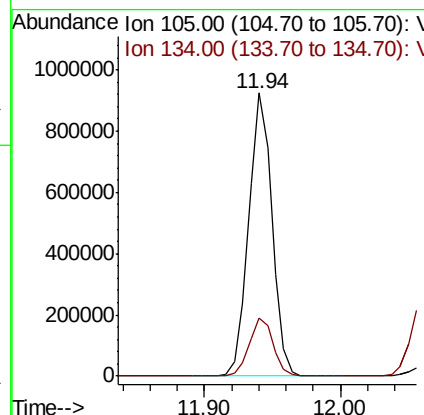
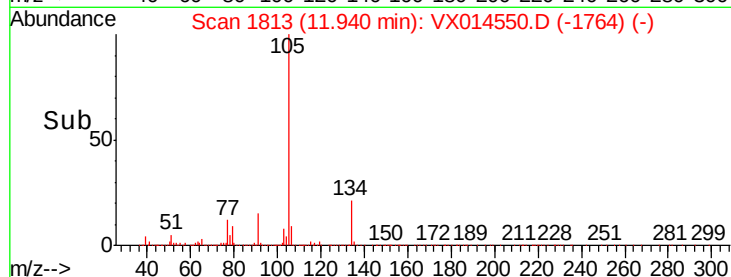
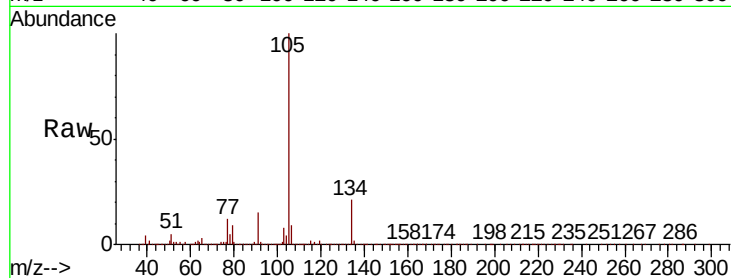
#85
 sec-Butylbenzene
 Concen: 51.690 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1107591
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5

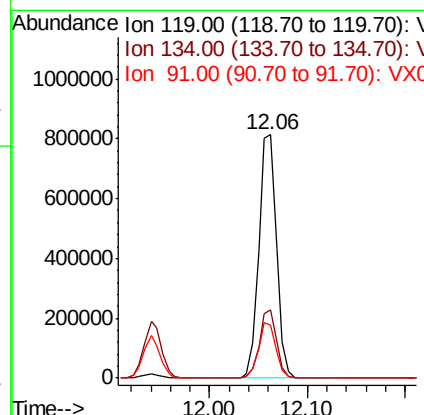
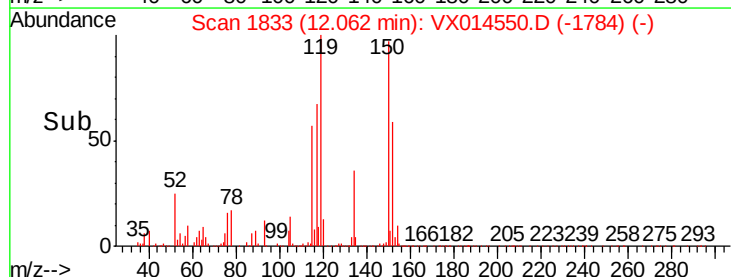
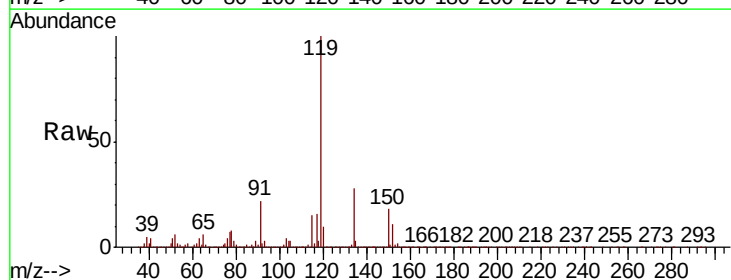
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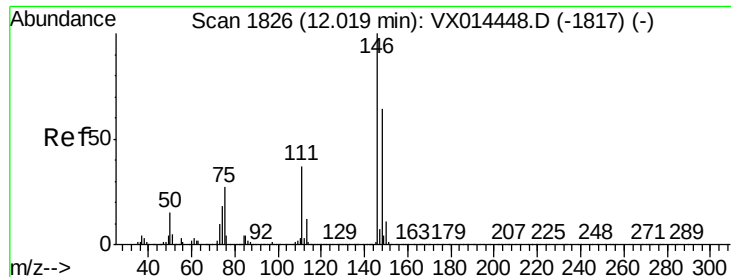
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#86
 p-Isopropyltoluene
 Concen: 50.932 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Tgt Ion:119 Resp: 1012718
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.4
 91 22.5 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 48.647 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014550.D

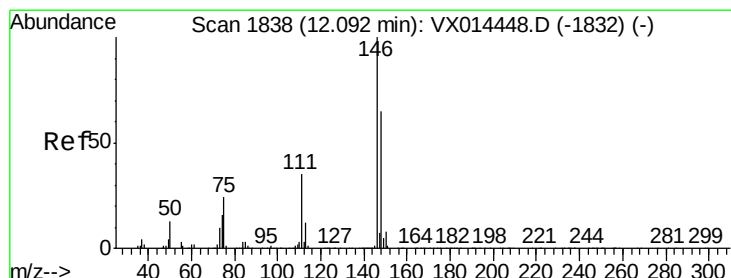
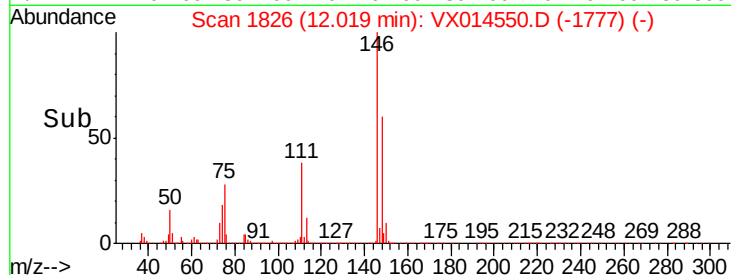
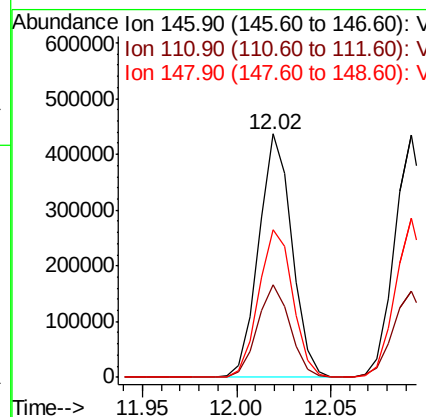
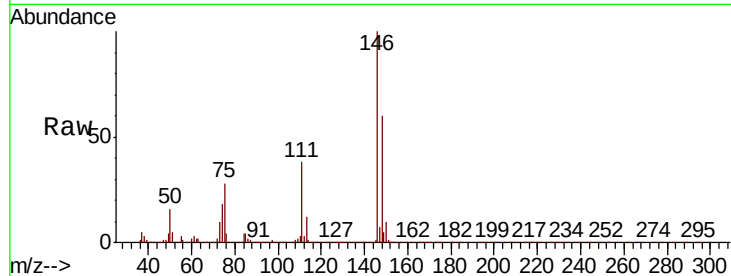
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.7
148	62.4	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 51.518 ug/l

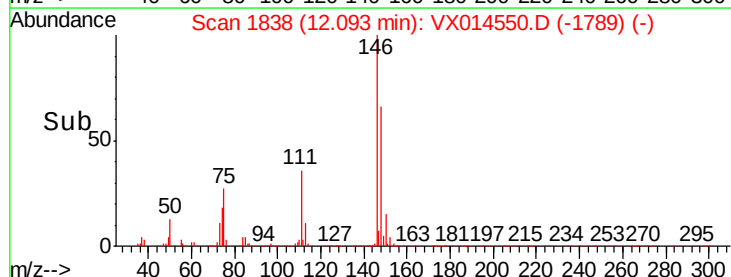
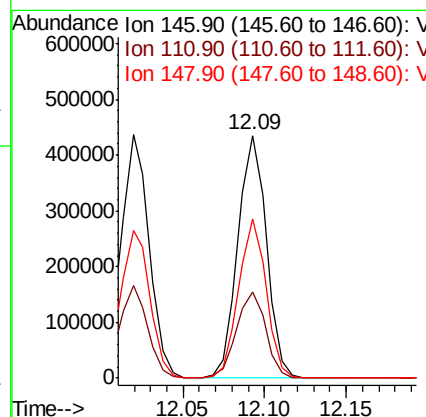
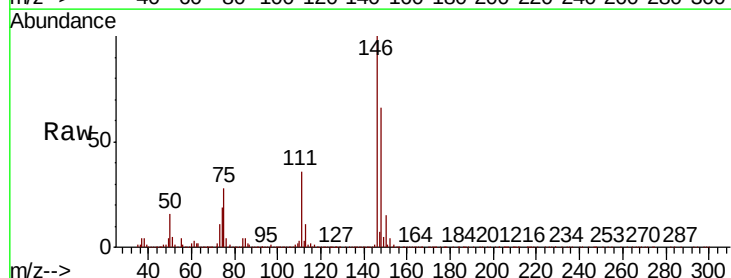
RT: 12.09 min Scan# 1838

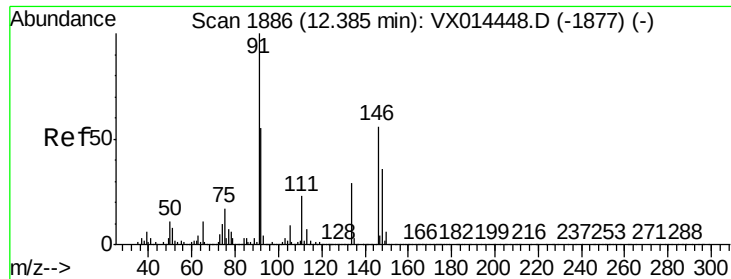
Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.1
148	63.8	32.1	96.3





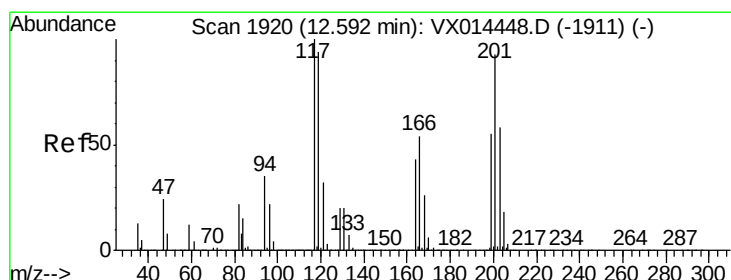
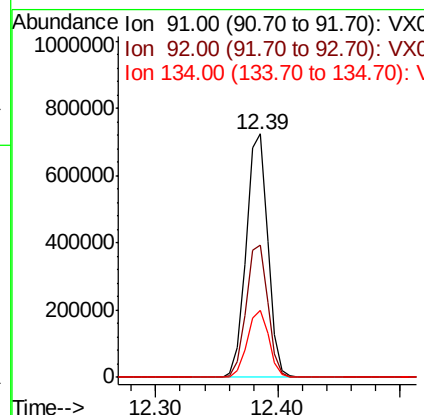
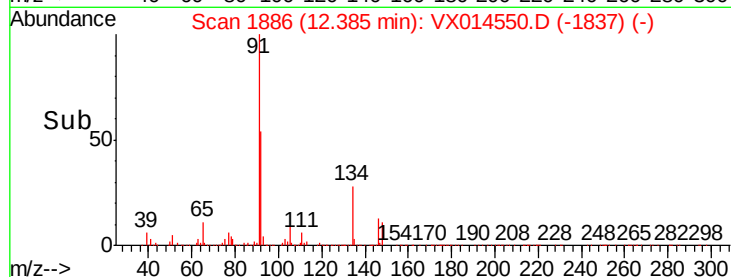
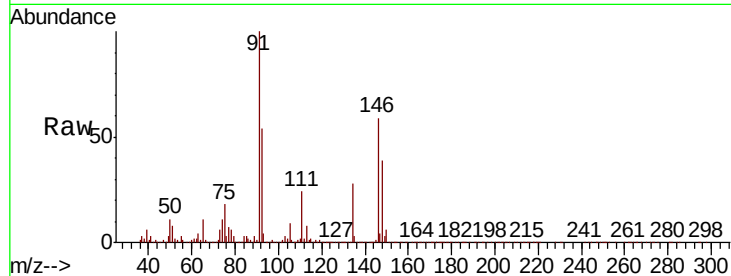
#89
n-Butylbenzene
Concen: 48.454 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	880904		
92	54.6		27.4	82.2
134	27.4		13.9	41.7

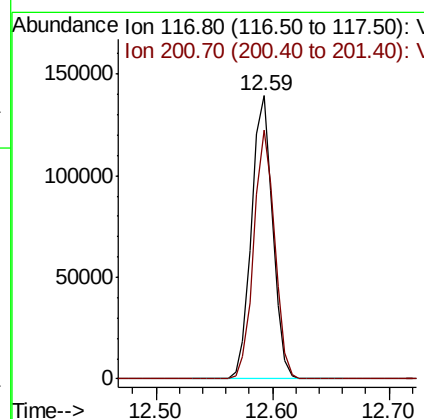
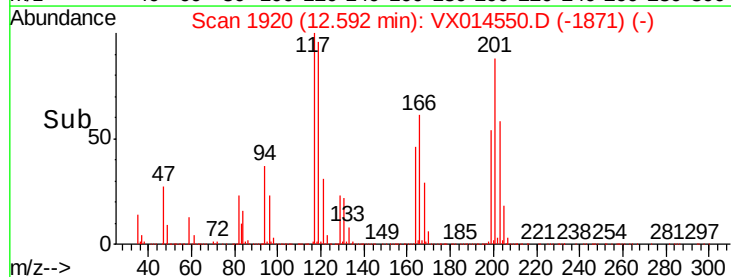
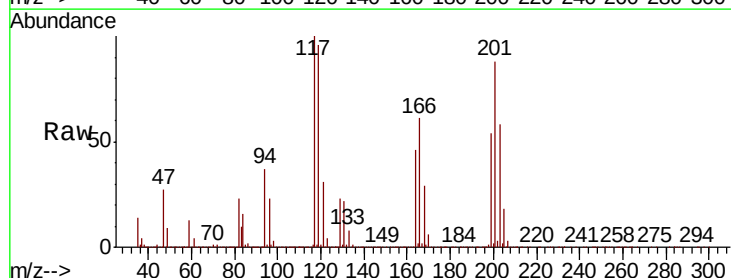
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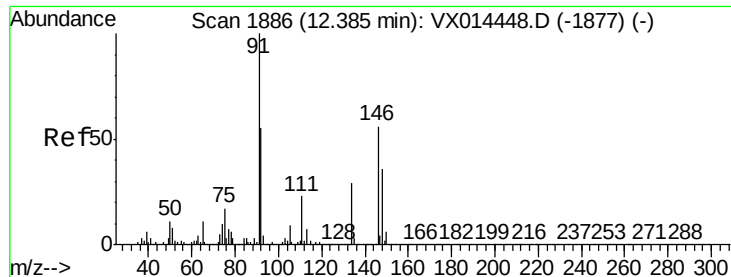
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#90
Hexachloroethane
Concen: 50.903 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	177786		
201	86.8		44.8	134.3





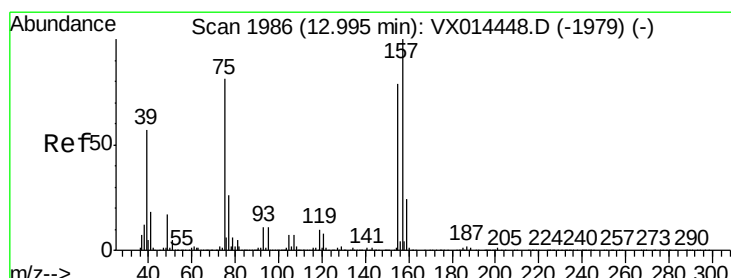
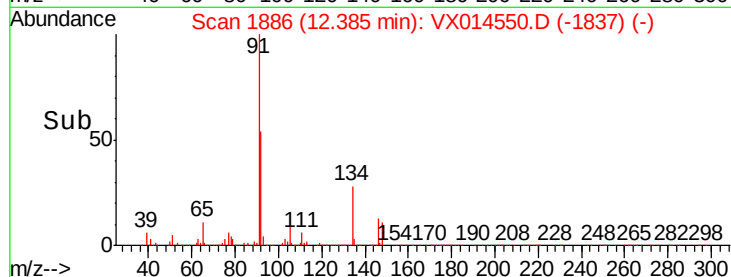
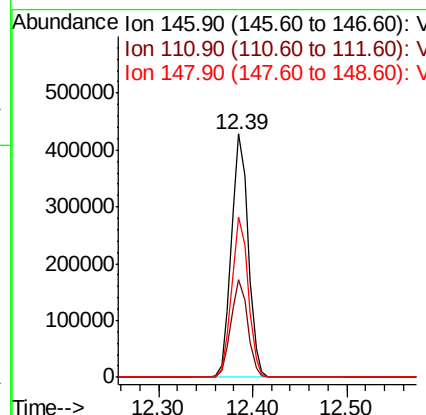
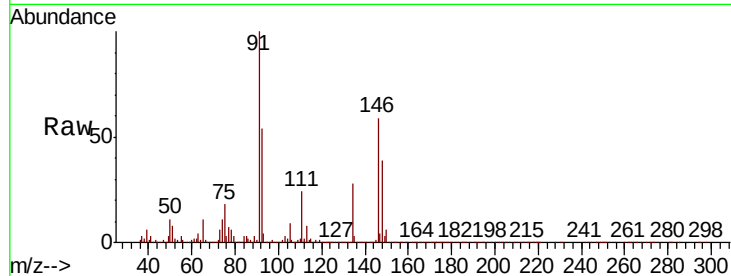
#91
 1,2-Dichlorobenzene
 Concen: 49.697 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.4
148	65.1	32.3	96.8

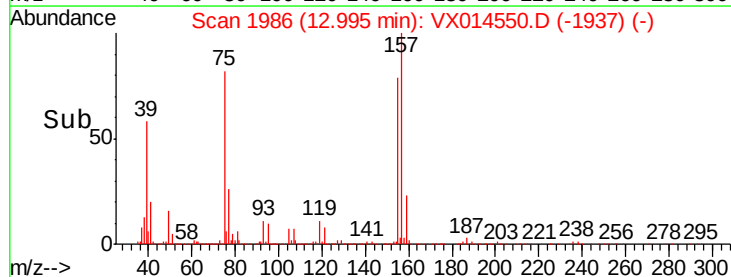
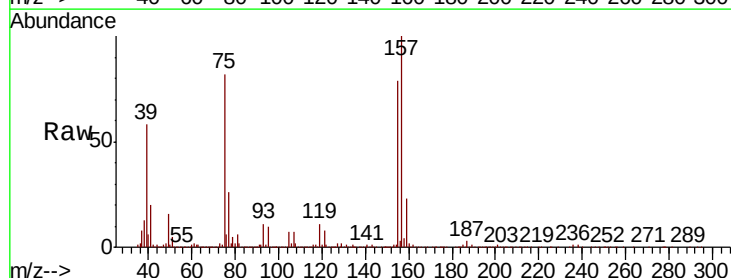
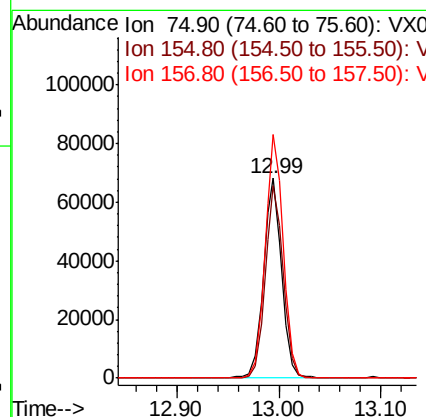
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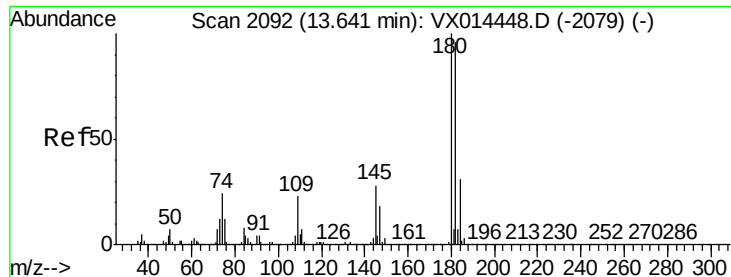
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 1/13/2020 11:34:08 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.381 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014550.D
 Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	48.7	146.1
157	122.2	62.0	185.9





#93

1,2,4-Trichlorobenzene

Concen: 48.467 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Instrument :

MSVOA_X

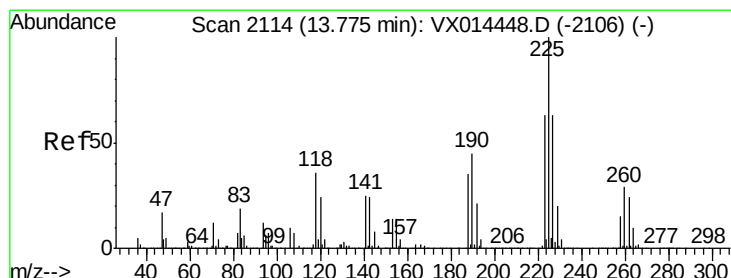
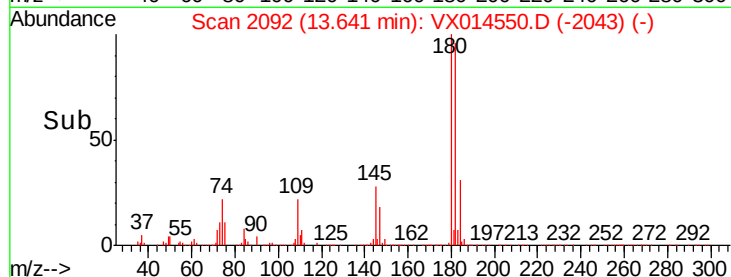
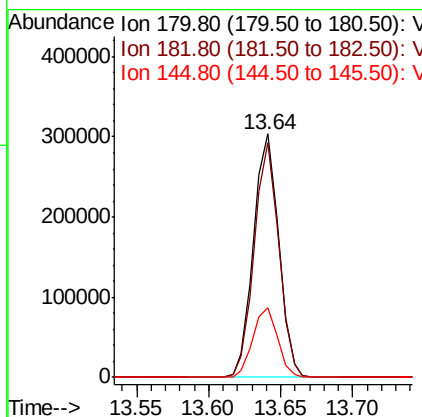
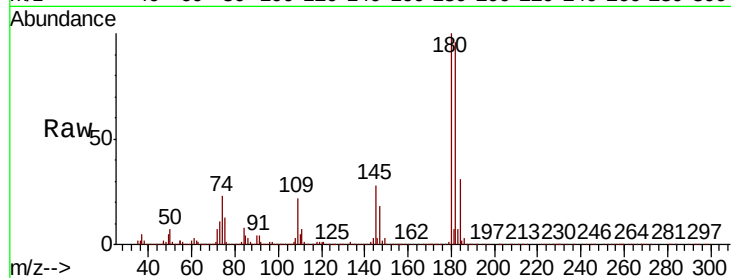
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	364473
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.5	142.5
145	28.2	13.9	41.6

Manual Integrations
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1/13/2020 11:34:08 AM



#94

Hexachlorobutadiene

Concen: 48.657 ug/l

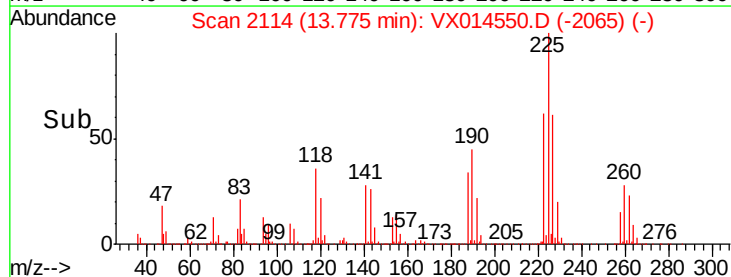
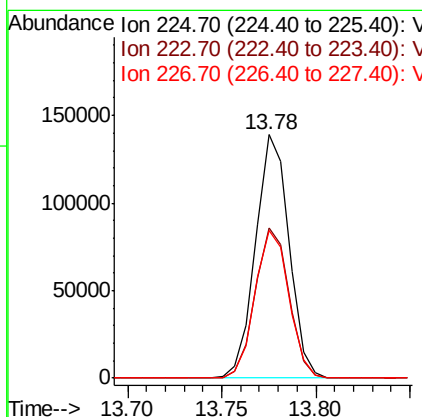
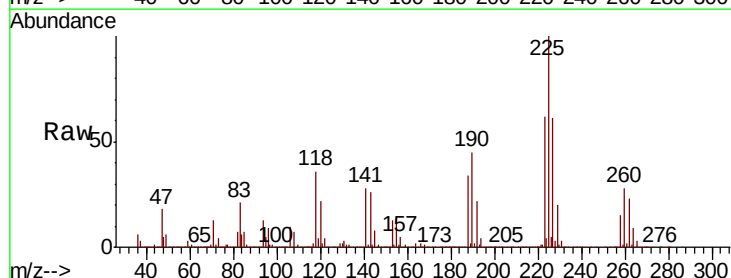
RT: 13.78 min Scan# 2114

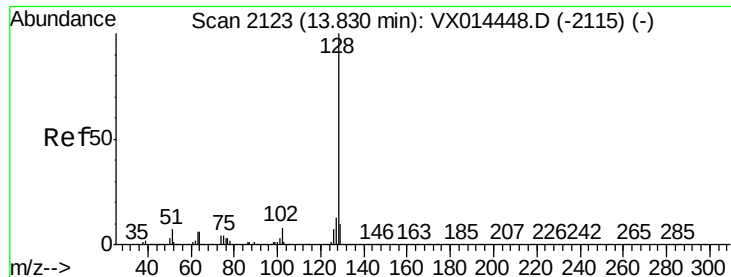
Delta R.T. 0.00 min

Lab File: VX014550.D

Acq: 10 Jan 2020 20:37

Tgt Ion:	225	Resp:	171356
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.1	93.2
227	61.9	31.4	94.2





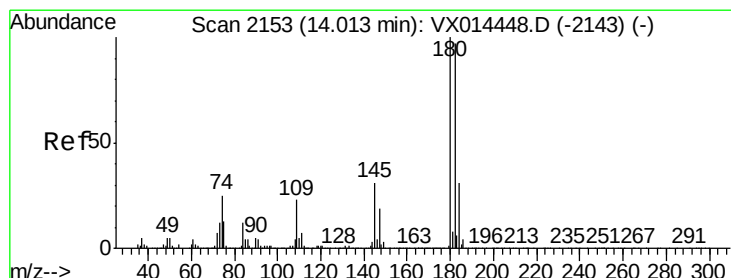
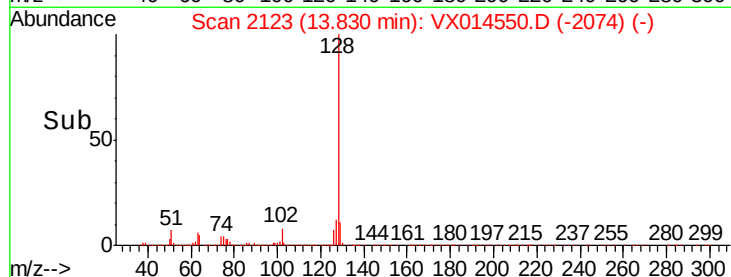
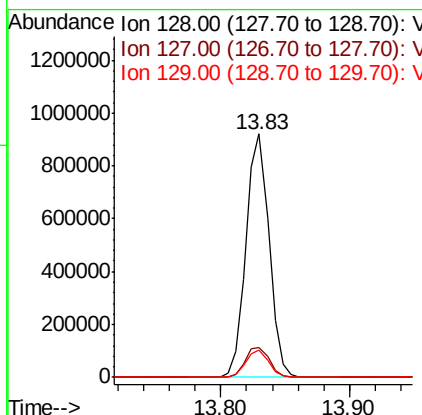
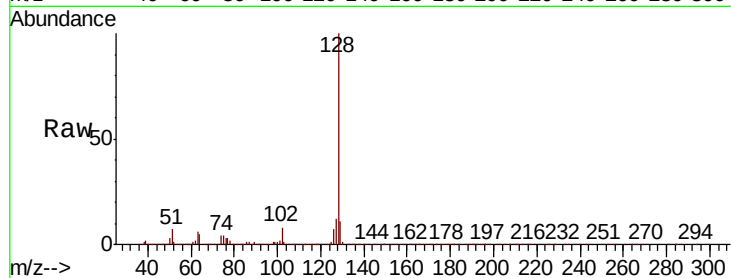
#95
Naphthalene
Concen: 48.301 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.2	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:08 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.610 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014550.D
Acq: 10 Jan 2020 20:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.9	143.6
145	29.8	14.8	44.3

