

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121219\
 Data File : VX013992.D
 Acq On : 12 Dec 2019 22:58
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

apatel
 12/13/2019 11:25:39 AM

Quant Time: Dec 13 01:26:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:15:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	88733	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	499484	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	448276	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	191798	29.22	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.40%
60) 4-Bromofluorobenzene	11.13	95	216536	29.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.83%
63) Toluene-d8	8.71	98	617082	30.41	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	86806	13.918	ug/l 100
3) Chloromethane	1.32	50	126947	17.805	ug/l 100
4) Vinyl Chloride	1.40	62	126039	15.905	ug/l 100
5) Bromomethane	1.63	94	90122	17.975	ug/l 100
6) Chloroethane	1.70	64	76704	17.232	ug/l 100
7) Trichlorofluoromethane	1.92	101	157971	17.946	ug/l 100
8) Diethyl Ether	2.18	74	72483	18.003	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92891	17.643	ug/l 100
10) 1,1-Dichloroethene	2.36	96	95782	17.645	ug/l 100
11) Methyl Iodide	2.50	142	117336	17.356	ug/l 100
12) Methyl Acetate	2.76	43	151922	16.272	ug/l 100
13) Acrolein	2.28	56	98353	95.696	ug/l 100
14) Acrylonitrile	3.13	53	290792	84.015	ug/l 100
15) Acetone	2.44	58	83925	82.872	ug/l 100
16) Carbon Disulfide	2.56	76	253630	16.862	ug/l 100
17) Allyl chloride	2.72	41	174050	17.469	ug/l 100
18) Methylene Chloride	2.84	84	118782	18.918	ug/l 100
19) trans-1,2-Dichloroethene	3.15	96	104659	17.939	ug/l 100
20) Diisopropyl ether	3.84	45	362096	18.605	ug/l 100
21) 1,1-Dichloroethane	3.69	63	193715	18.327	ug/l 100
22) cis-1,2-Dichloroethene	4.59	96	122370	18.314	ug/l 100
23) tert-Butyl Alcohol	3.05	59	115707	70.838	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	328536	18.181	ug/l 100
25) Chloroform	5.20	83	187296	18.161	ug/l 100
26) Cyclohexane	5.57	56	174666	18.184	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	139935	18.395	ug/l 100
30) 2-Butanone	4.66	43	409477	84.423	ug/l 100
31) 2,2-Dichloropropane	4.57	77	130055	16.309	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	153096	18.235	ug/l 100
33) Carbon Tetrachloride	5.78	117	130319	17.960	ug/l 100
34) Benzene	6.13	78	443115	19.163	ug/l 100
35) Methacrylonitrile	5.03	41	90607	18.246	ug/l 100
36) 1,2-Dichloroethane	6.18	62	149567	18.603	ug/l 100
37) Trichloroethene	7.21	130	118468	19.048	ug/l 100
38) Methylcyclohexane	7.46	83	165893	17.934	ug/l 100
39) 1,2-Dichloropropane	7.51	63	114137	19.052	ug/l 100
40) Dibromomethane	7.65	93	73045	18.479	ug/l 100

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Quant Time: Dec 13 01:26:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:15:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	137458	17.951	ug/l	100
42) Vinyl Acetate	3.80	43	1493147	94.480	ug/l	100
43) Ethyl Acetate	4.83	43	158337	17.622	ug/l	100
44) Isopropyl Acetate	6.43	43	259067	17.779	ug/l	100
45) 1,4-Dioxane	7.73	88	52388	330.159	ug/l	100
46) Methyl methacrylate	7.76	41	127753	17.603	ug/l	100
47) n-amyl Acetate	10.89	43	229019	17.799	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	143751	16.782	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	166356	17.659	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	113058	19.219	ug/l	100
51) Ethyl methacrylate	9.17	69	173471	17.961	ug/l	100
52) 1,3-Dichloropropane	9.37	76	193558	19.231	ug/l	100
53) Dibromochloromethane	9.57	129	107558	17.449	ug/l	100
54) 1,2-Dibromoethane	9.67	107	114362	18.358	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	395191	95.619	ug/l	100
56) Bromoform	10.85	173	80693	16.512	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	831549	90.277	ug/l	100
59) 2-Hexanone	9.49	43	625707	86.794	ug/l	100
61) Tetrachloroethene	9.33	164	113096	20.148	ug/l	100
62) Toluene	8.78	91	473520	19.054	ug/l	100
64) Chlorobenzene	10.14	112	296089	18.956	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	105994	18.261	ug/l	100
66) Ethyl Benzene	10.25	91	514254	18.814	ug/l	100
67) m/p-Xylenes	10.35	106	395184	37.446	ug/l	100
68) o-Xylene	10.70	106	194451	18.995	ug/l	100
69) Styrene	10.71	104	323038	18.595	ug/l	100
70) Isopropylbenzene	11.01	105	503132	18.785	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	178905	18.672	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	160372m	19.336	ug/l	100
73) Bromobenzene	11.25	156	132256	18.658	ug/l	100
74) n-propylbenzene	11.35	91	564231	18.537	ug/l	100
75) 2-Chlorotoluene	11.42	91	344040	18.925	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	422850	18.741	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	46708	14.751	ug/l	100
78) 4-Chlorotoluene	11.51	91	388768	18.655	ug/l	100
79) tert-butylbenzene	11.76	119	408371	18.091	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	423129	18.783	ug/l	100
81) sec-Butylbenzene	11.94	105	479145	18.459	ug/l	100
82) p-Isopropyltoluene	12.06	119	429671	18.062	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	225527	18.120	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	225984	18.268	ug/l	100
85) n-Butylbenzene	12.39	91	346618	16.996	ug/l	100
86) Hexachloroethane	12.59	117	72332	16.657	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	229048	18.416	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	34708	16.414	ug/l	100
89) 1,2,4-Trichlorobenzene	13.64	180	139660	16.543	ug/l	100
90) Hexachlorobutadiene	13.78	225	69514	17.108	ug/l	100
91) Naphthalene	13.83	128	423404	16.007	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	142013	16.682	ug/l	100

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MSVOA_X
ClientSampleId :
VSTDICCC020

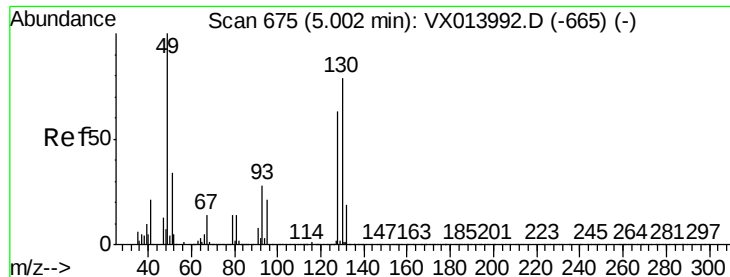
Manual Integrations
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12/13/2019 11:25:39 AM

Quant Time: Dec 13 01:26:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:15:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

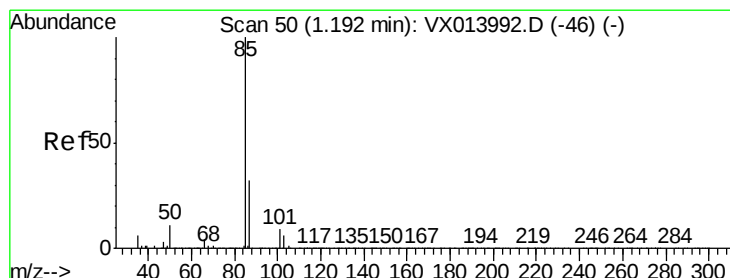
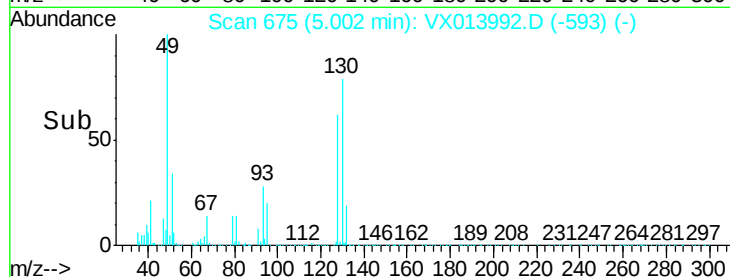
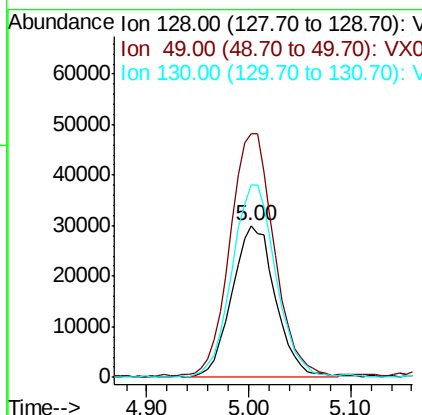
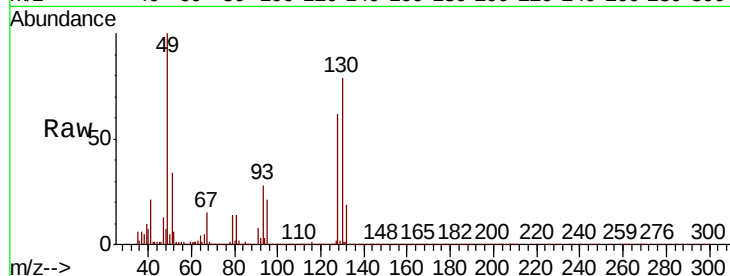
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	162.0	0.0	405.0
130	128.6	0.0	321.5

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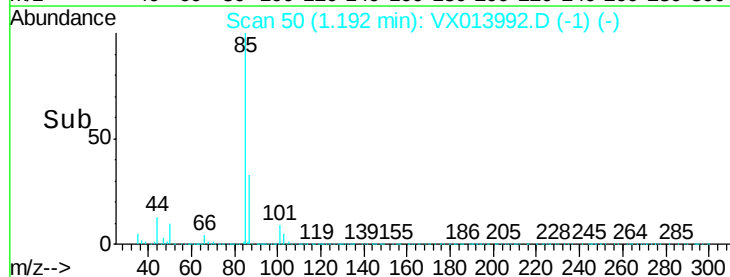
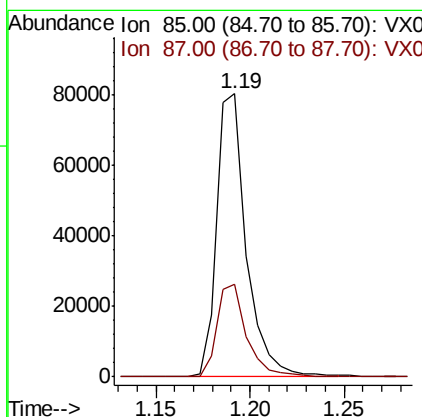
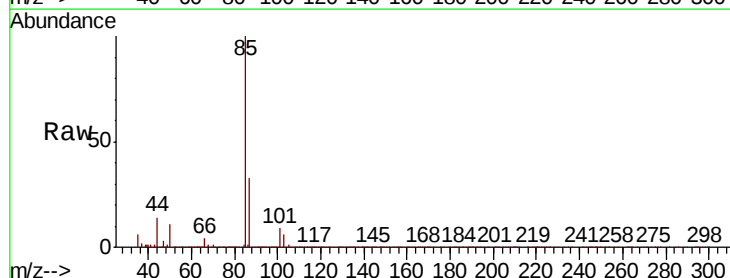
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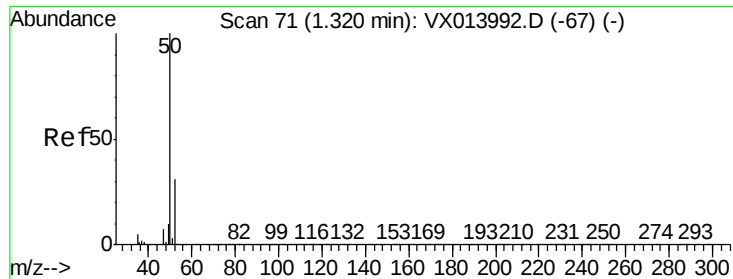


#2

Dichlorodifluoromethane
Concen: 13.918 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.3	48.9





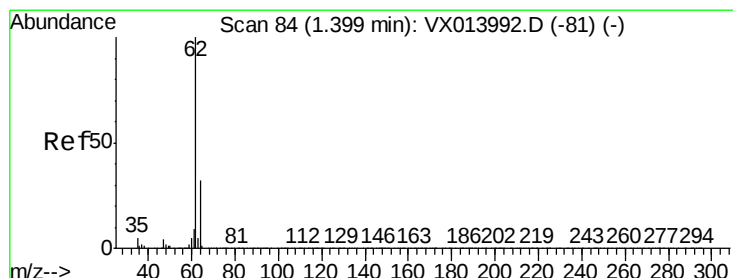
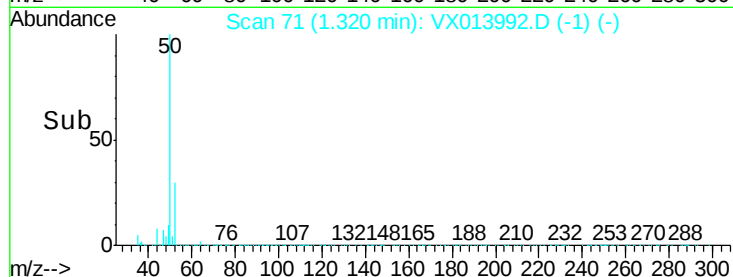
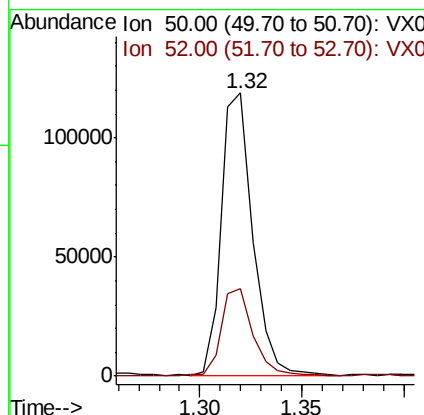
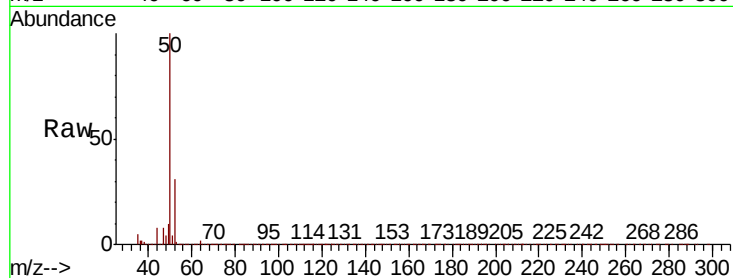
#3
Chloromethane
Concen: 17.805 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
50	100		
52	30.4	24.3	36.5

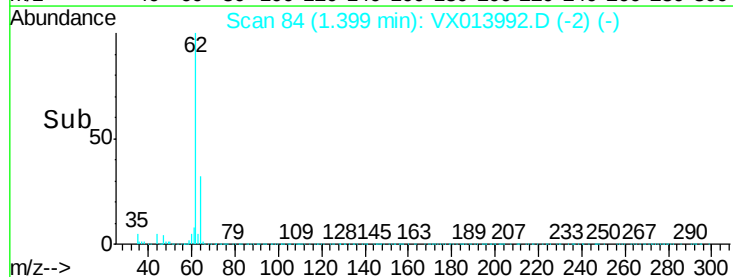
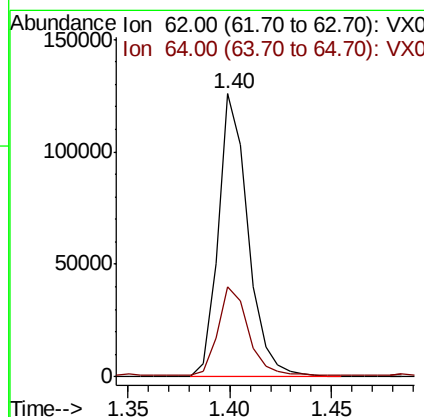
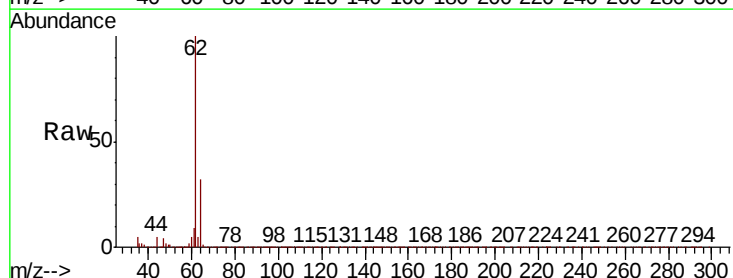
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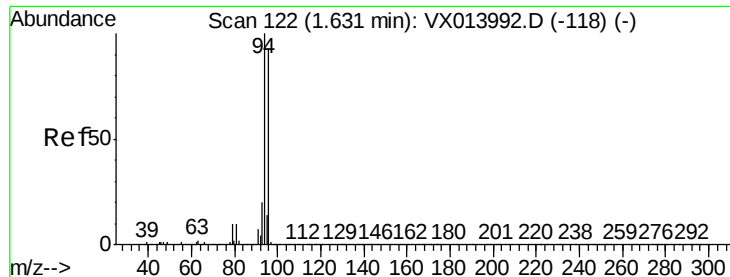
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#4
Vinyl Chloride
Concen: 15.905 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.2	37.8





#5

Bromomethane

Concen: 17.975 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 94 Resp: 90122

Ion Ratio Lower Upper

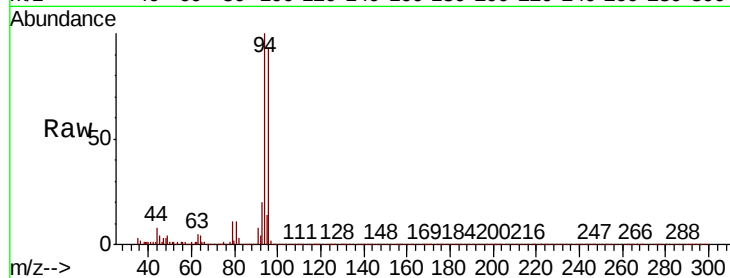
94 100

96 93.0 74.4 111.6

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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

100000

80000

60000

40000

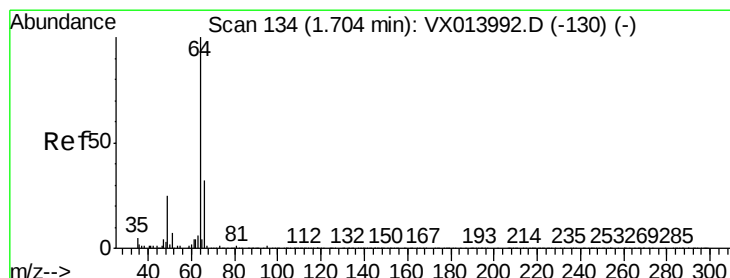
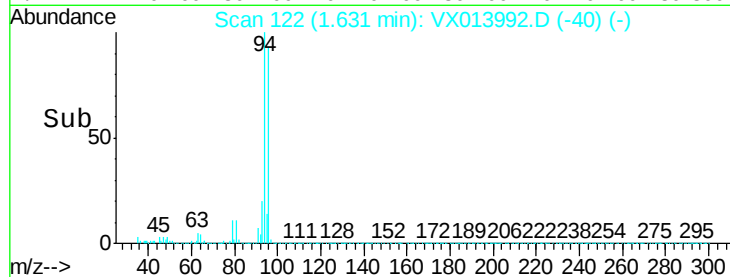
20000

0

1.60

1.65

Time-->



#6

Chloroethane

Concen: 17.232 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX013992.D

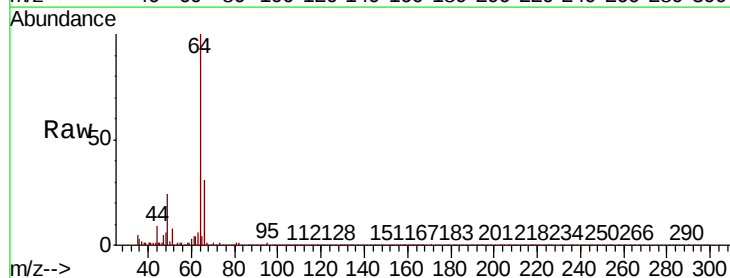
Acq: 12 Dec 2019 22:58

Tgt Ion: 64 Resp: 76704

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

60000

40000

20000

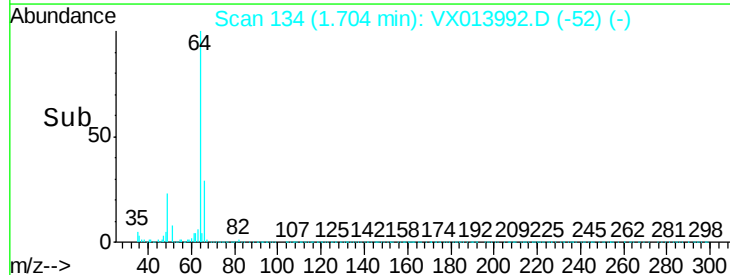
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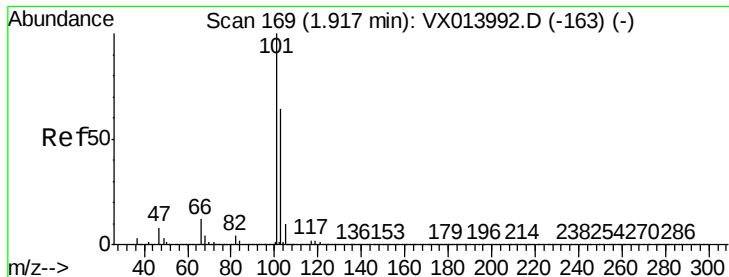
1.65

1.70

1.75

Time-->





#7

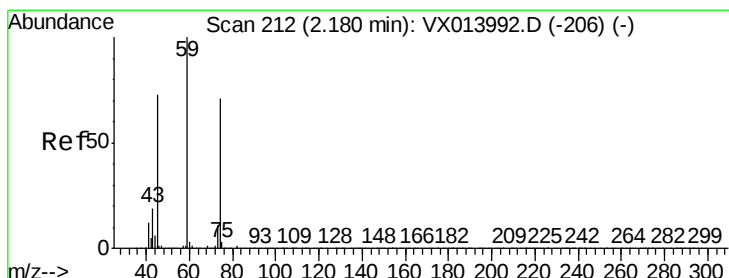
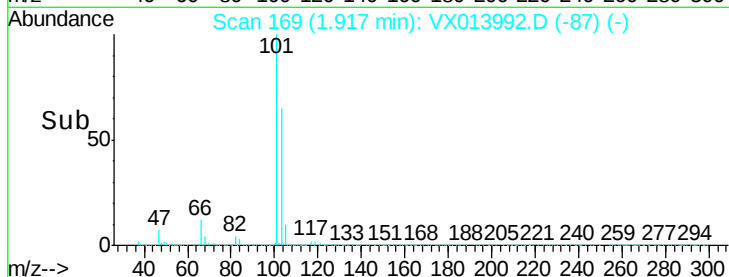
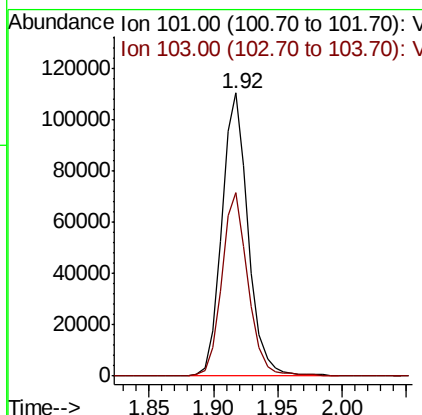
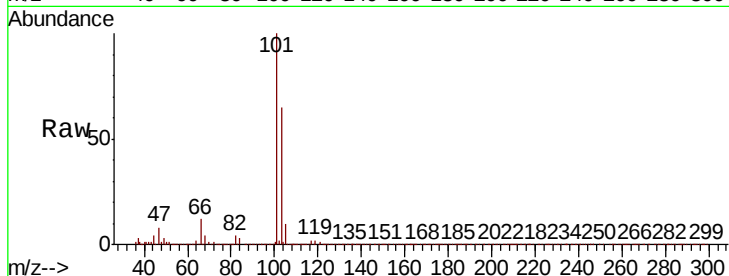
Trichlorofluoromethane
Concen: 17.946 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.6	77.4

Manual Integrations
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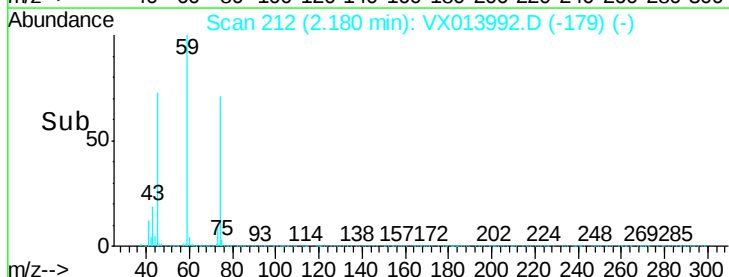
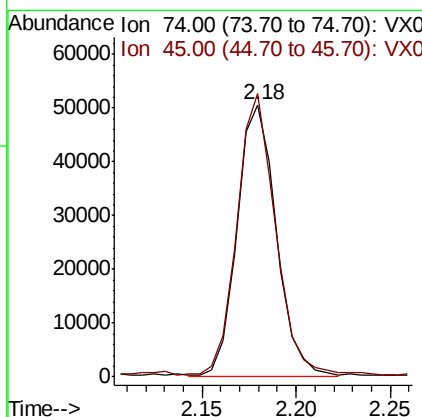
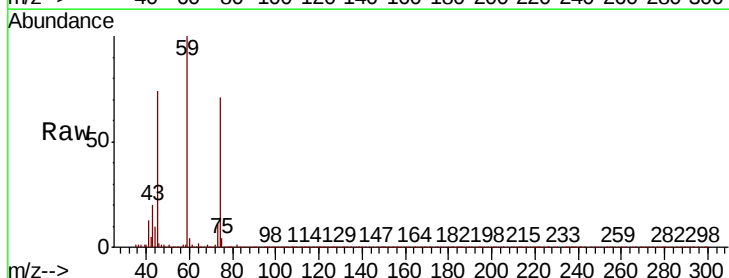
apatel
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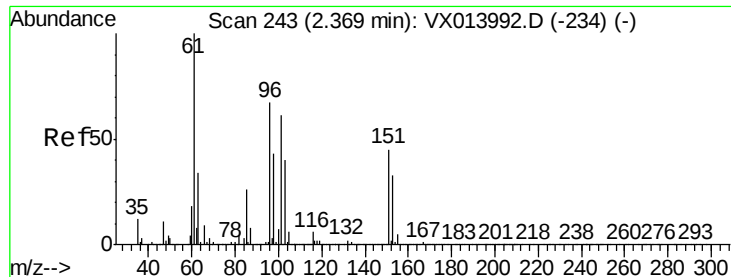


#8

Diethyl Ether
Concen: 18.003 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.4	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.643 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

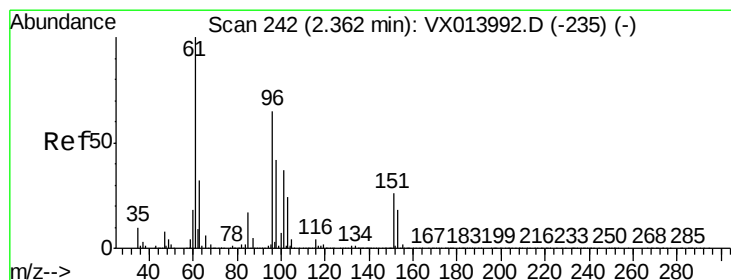
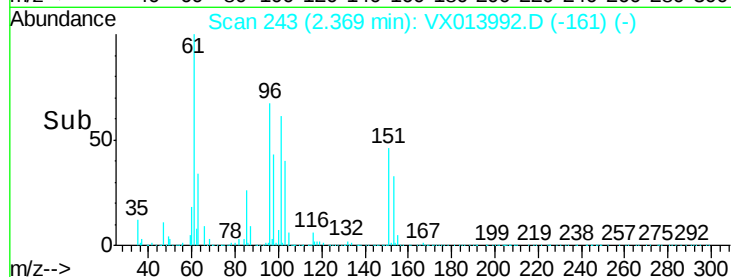
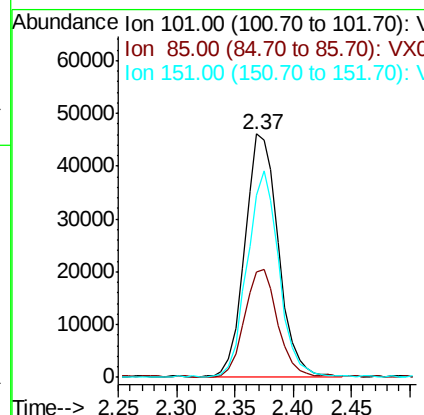
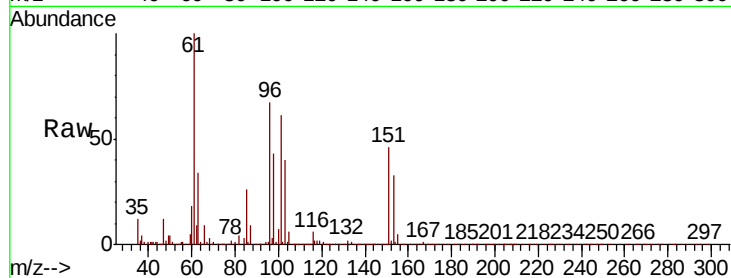
ClientSampleId :

VSTDICCC020

Tot Ion:	101	Resp:	92891
Ion Ratio	Lower	Upper	
101	100		
85	43.2	0.0	85.6
151	79.7	0.0	159.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 17.645 ug/l

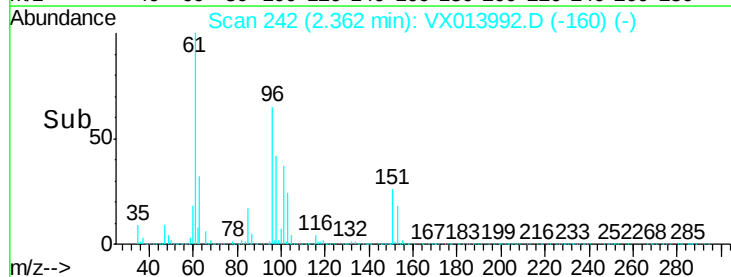
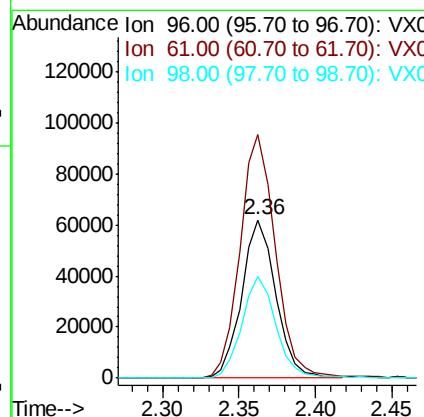
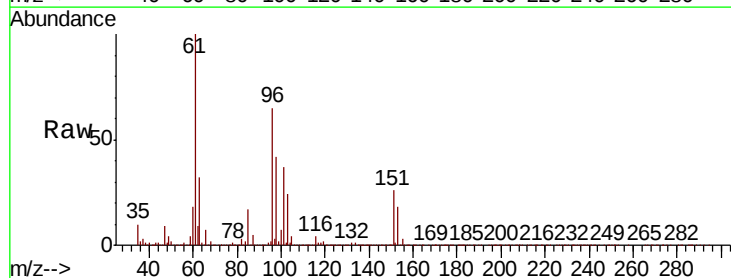
RT: 2.36 min Scan# 242

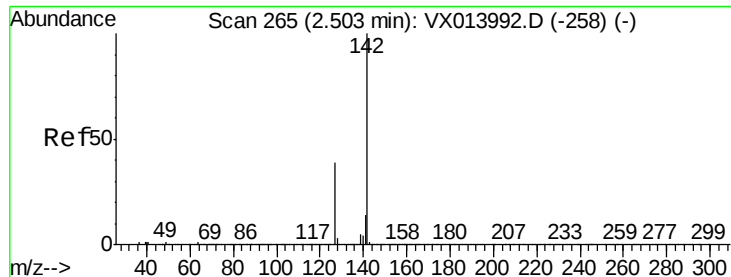
Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Tgt Ion:	96	Resp:	95782
Ion Ratio	Lower	Upper	
96	100		
61	153.8	123.0	184.6
98	64.2	51.4	77.0





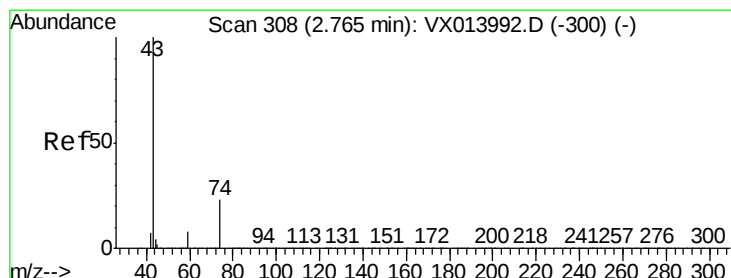
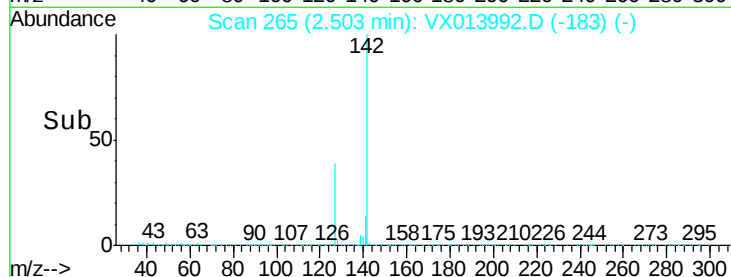
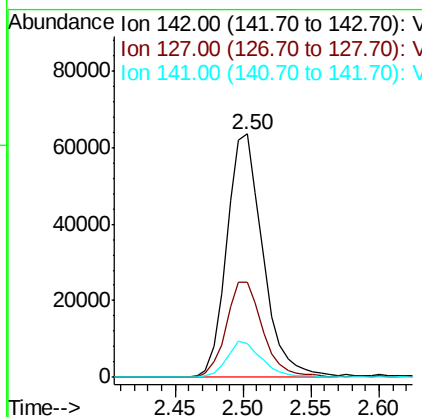
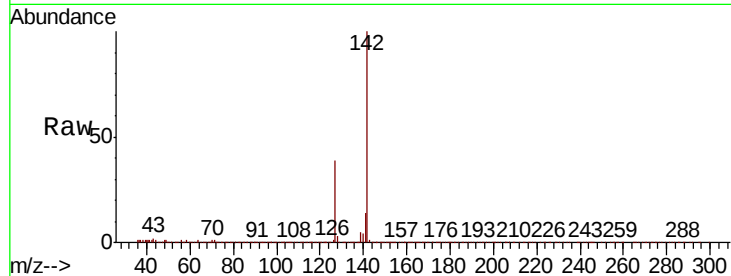
#11
Methyl Iodide
Concen: 17.356 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.0	19.5	58.5
141	13.9	7.0	20.9

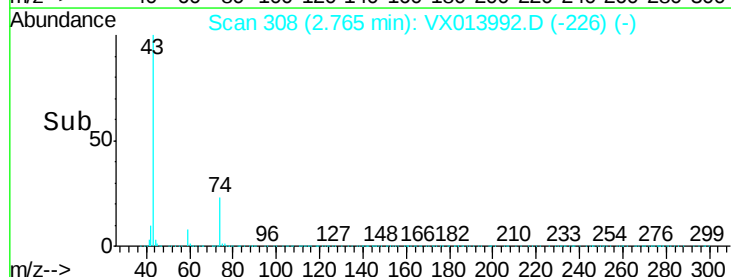
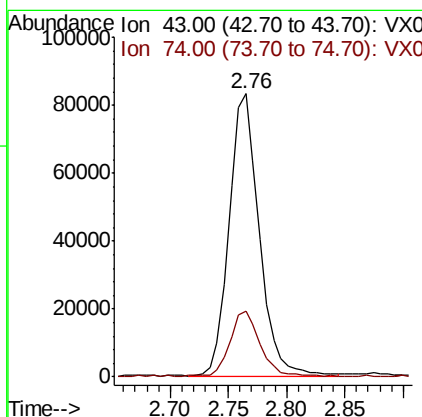
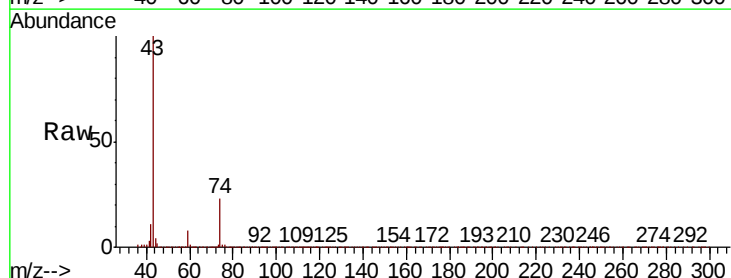
Manual Integrations
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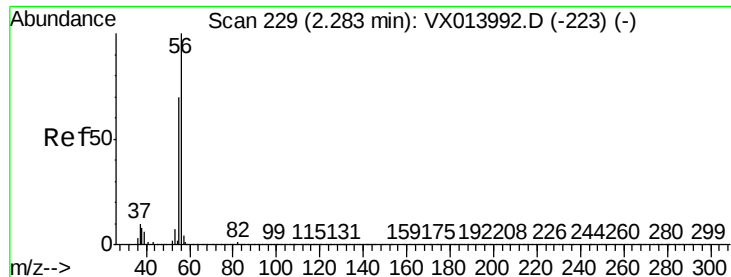
apatel
12/13/2019 11:25:39 AM



#12
Methyl Acetate
Concen: 16.272 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.5	27.7





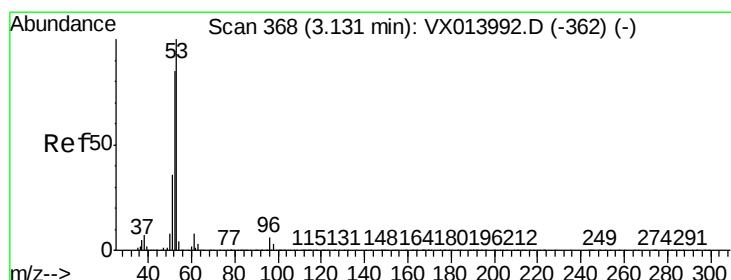
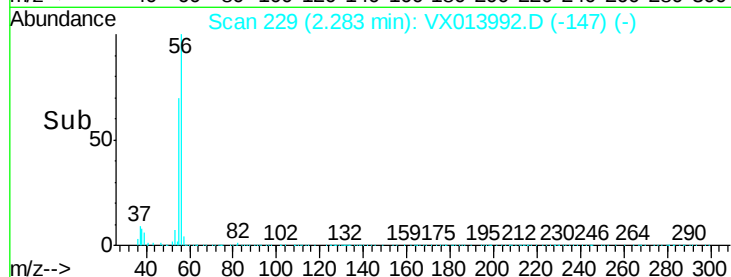
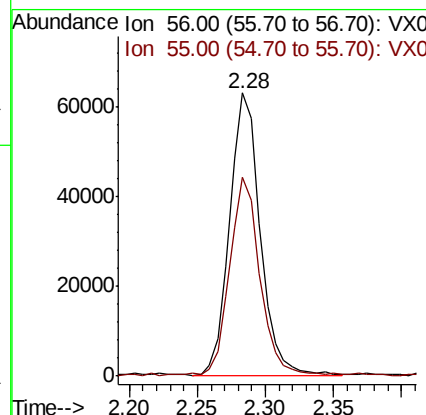
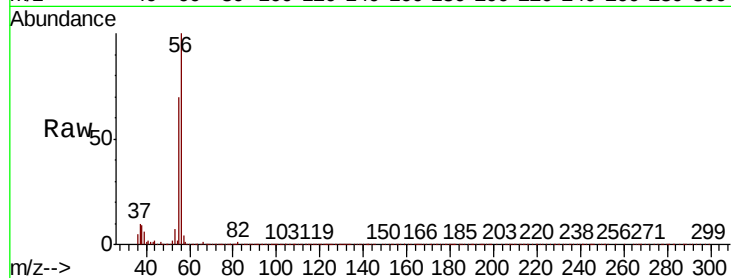
#13
Acrolein
Concen: 95.696 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.6	54.9	82.3

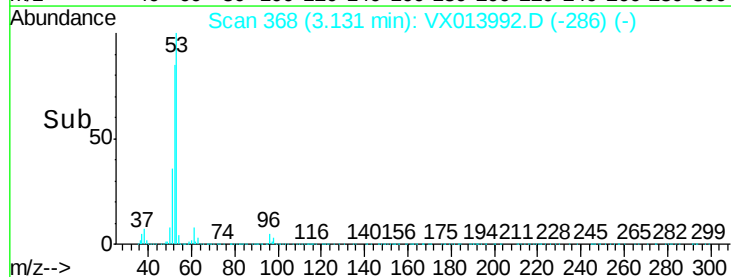
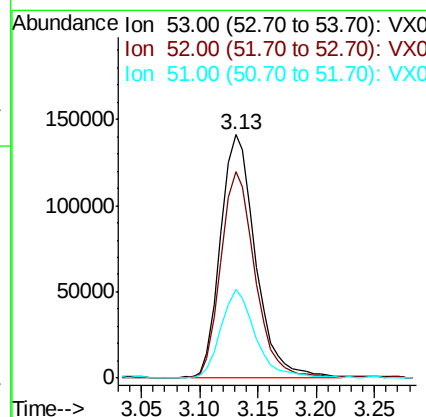
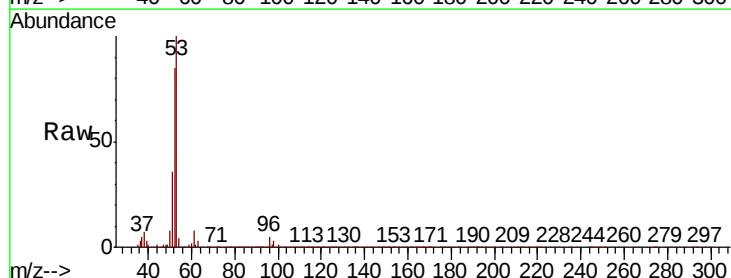
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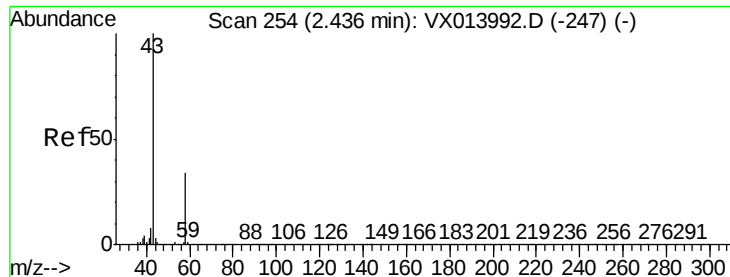
apatel
12/13/2019 11:25:39 AM



#14
Acrylonitrile
Concen: 84.015 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.1	41.5	124.6
51	35.7	17.8	53.5





#15

Acetone

Concen: 82.872 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 58 Resp: 83925

Ion Ratio Lower Upper

58 100

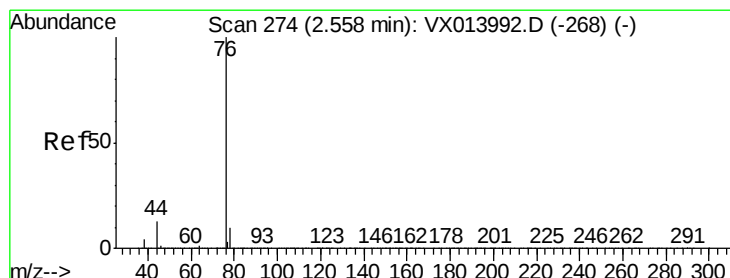
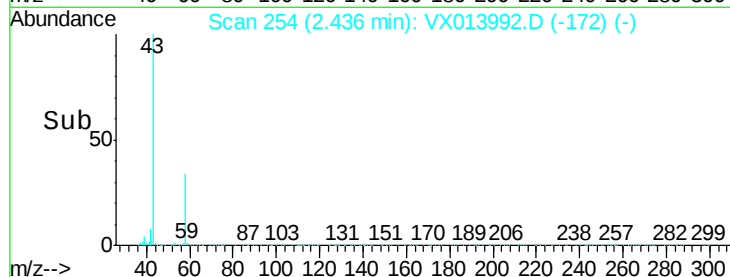
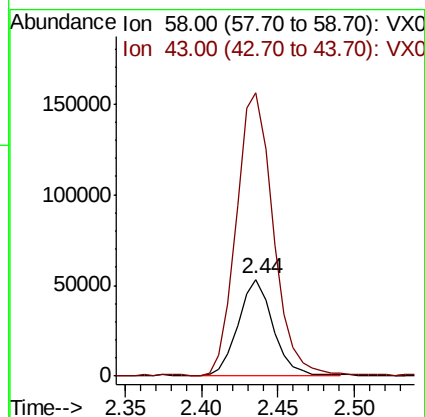
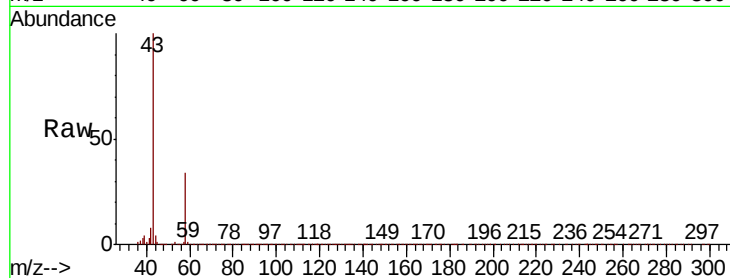
43 295.4 236.3 354.5

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#16

Carbon Disulfide

Concen: 16.862 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013992.D

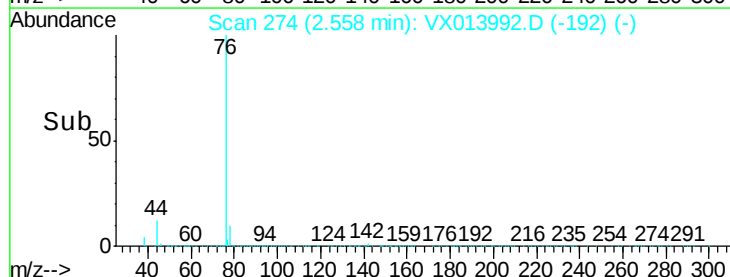
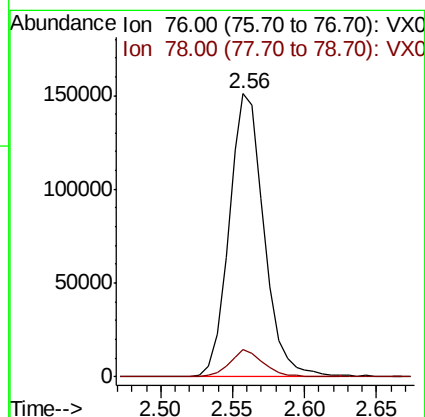
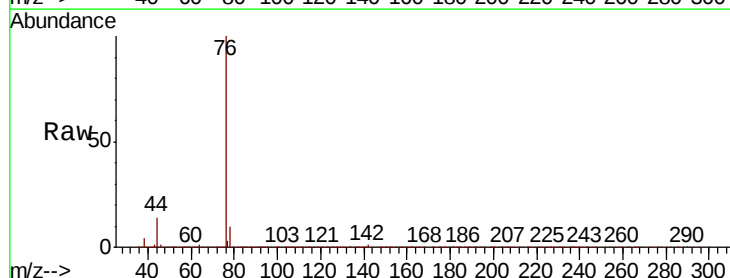
Acq: 12 Dec 2019 22:58

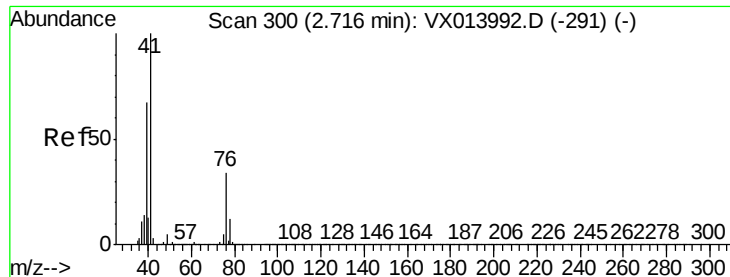
Tgt Ion: 76 Resp: 253630

Ion Ratio Lower Upper

76 100

78 9.8 7.8 11.8





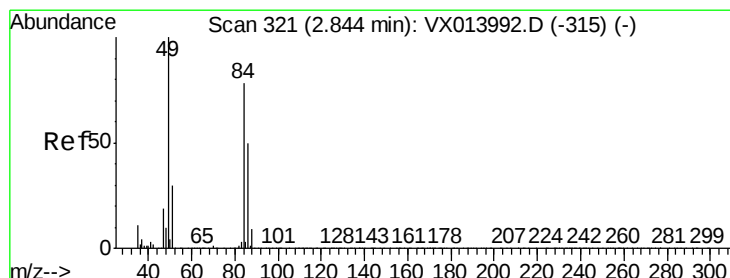
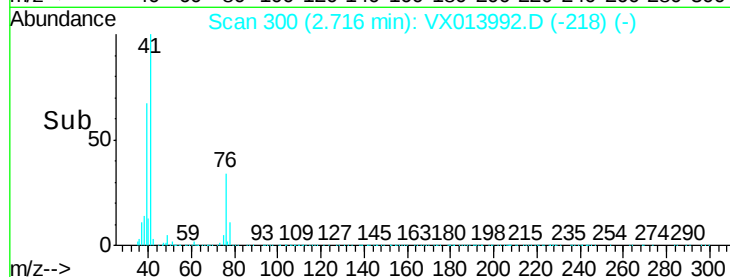
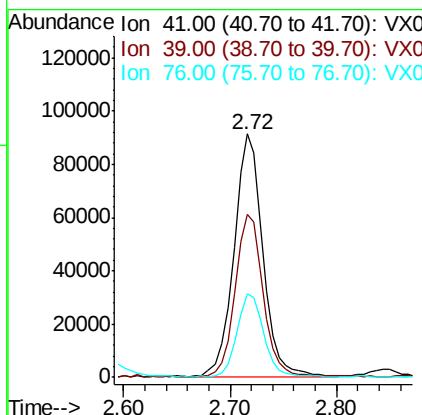
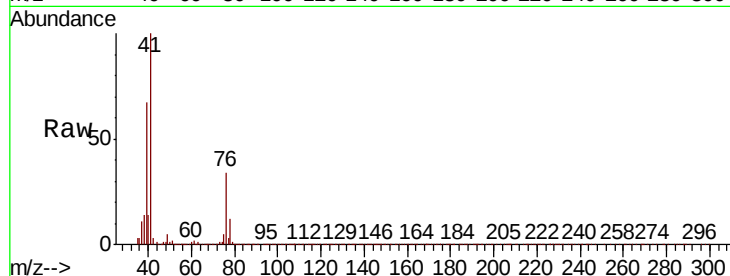
#17
Allvl chloride
Concen: 17.469 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.8	33.4	100.2
76	33.9	17.0	50.9

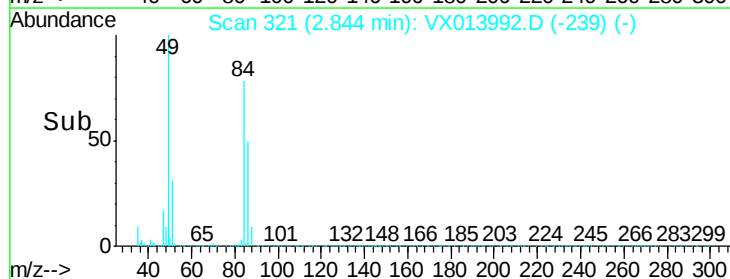
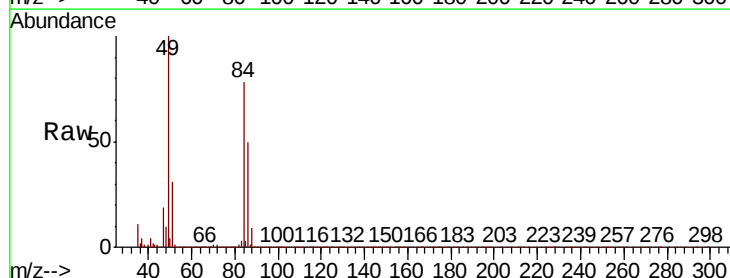
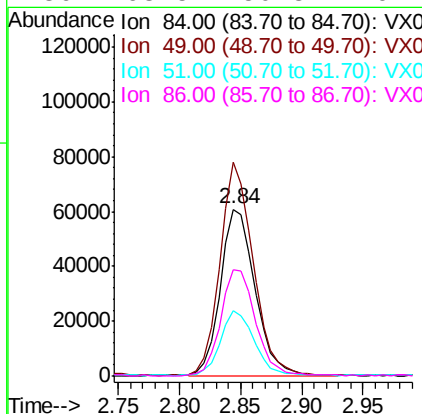
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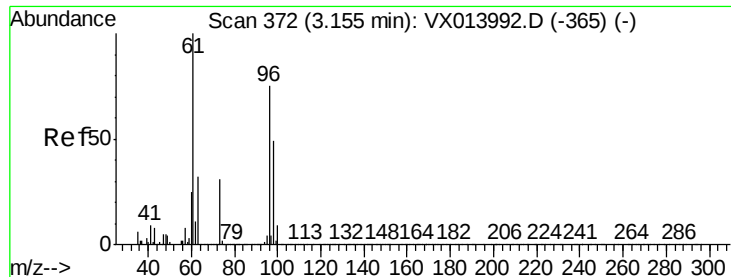
apatel
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#18
Methylene Chloride
Concen: 18.918 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.7	102.2	153.2
51	39.2	31.4	47.0
86	63.5	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 17.939 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

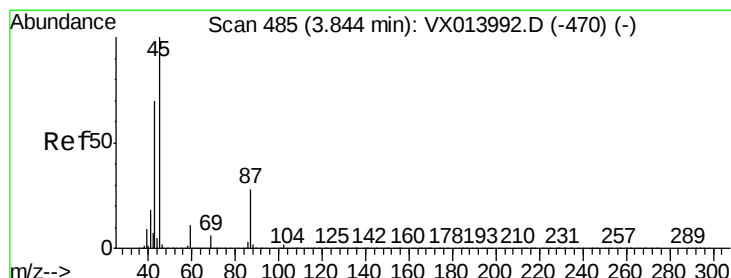
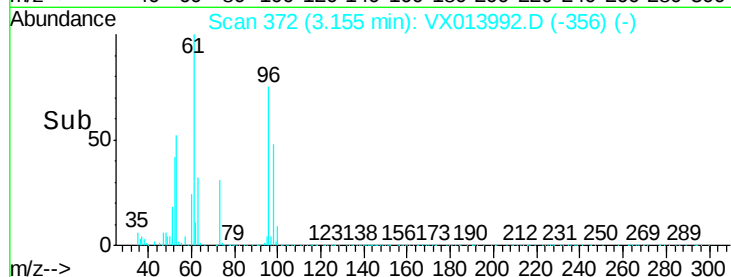
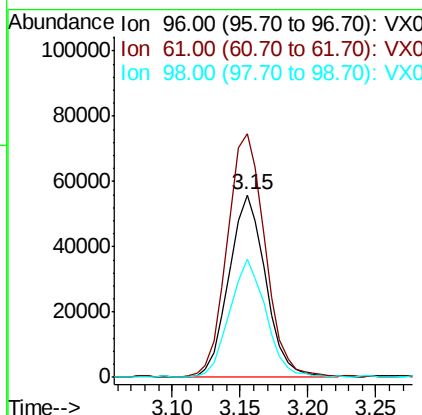
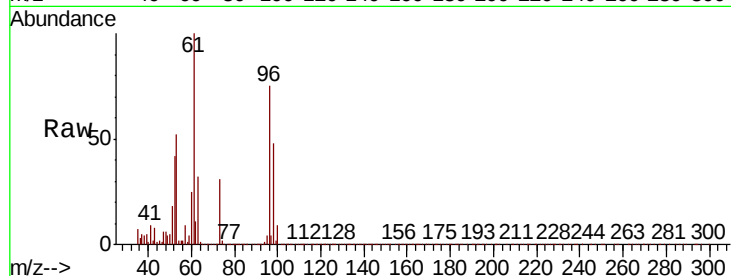
ClientSampleId :

VSTDICCC020

Tot Ion:	96	Resp:	104659
Ion	Ratio	Lower	Upper
96	100		
61	133.2	106.6	159.8
98	64.5	51.6	77.4

Manual Integrations
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#20

Diisopropyl ether

Concen: 18.605 ug/l

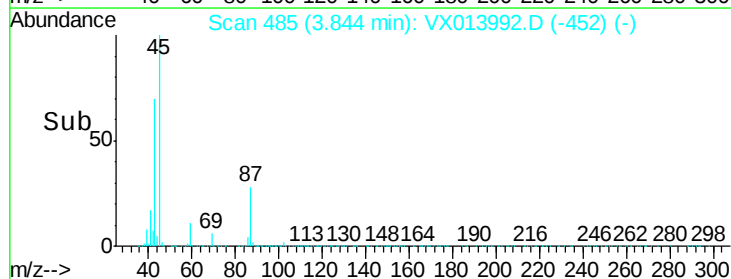
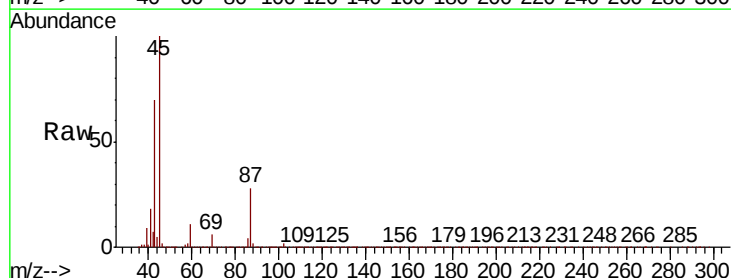
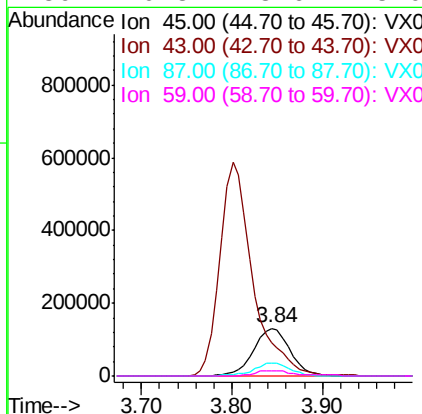
RT: 3.84 min Scan# 485

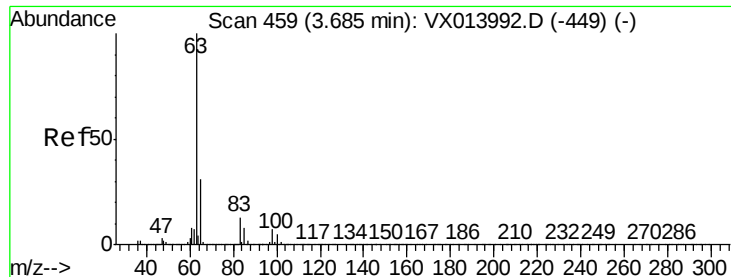
Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Tgt Ion:	45	Resp:	362096
Ion	Ratio	Lower	Upper
45	100		
43	69.9	55.9	83.9
87	27.7	22.2	33.2
59	10.8	8.6	13.0





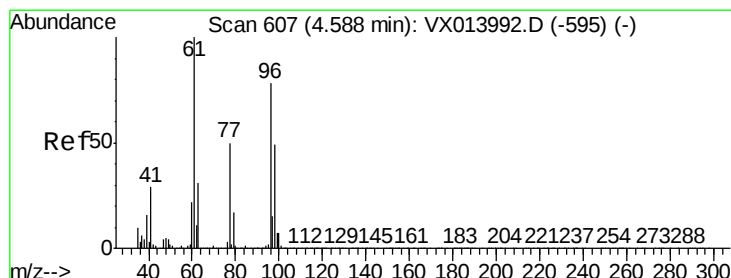
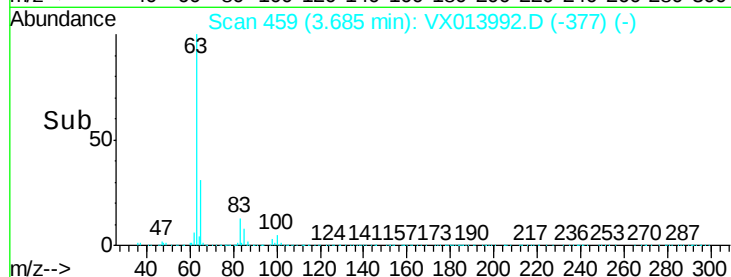
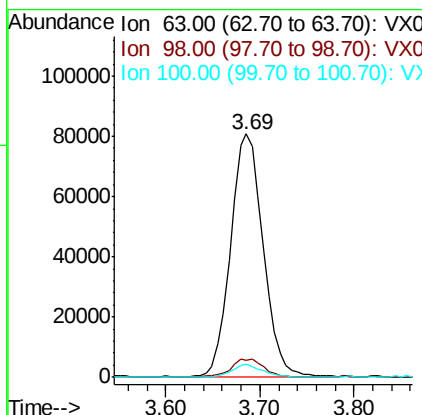
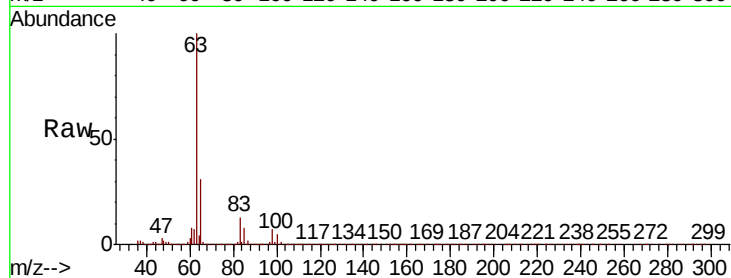
#21
1,1-Dichloroethane
Concen: 18.327 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:	63	Resp:	193715
Ion Ratio		Lower	Upper
63	100		
98	6.7	3.4	10.1
100	4.9	2.5	7.4

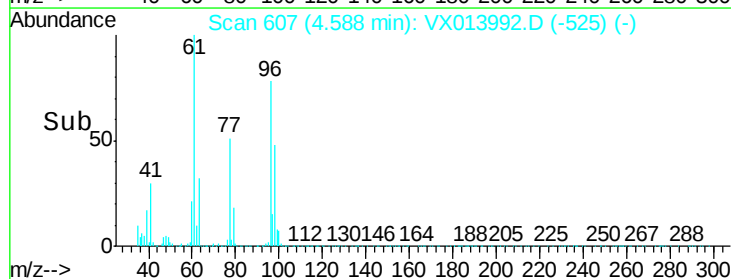
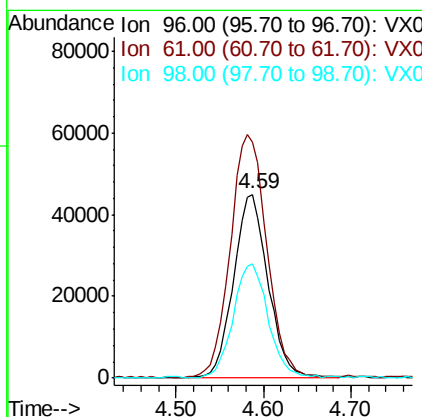
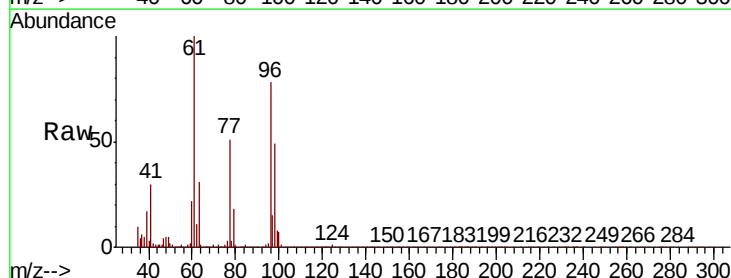
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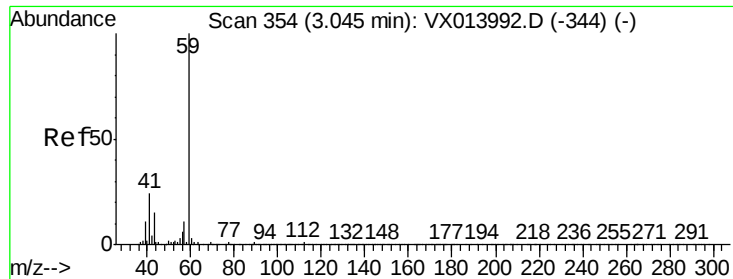
apatel
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#22
cis-1,2-Dichloroethene
Concen: 18.314 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion:	96	Resp:	122370
Ion Ratio		Lower	Upper
96	100		
61	140.5	112.4	168.6
98	62.9	50.3	75.5





#23

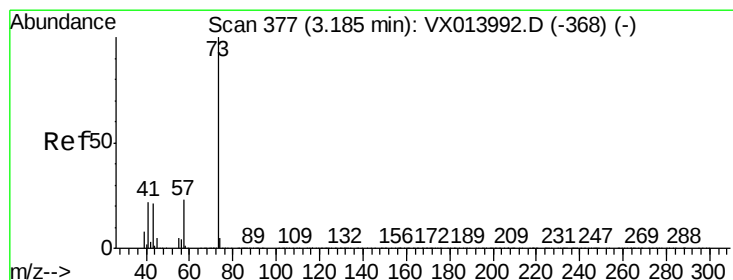
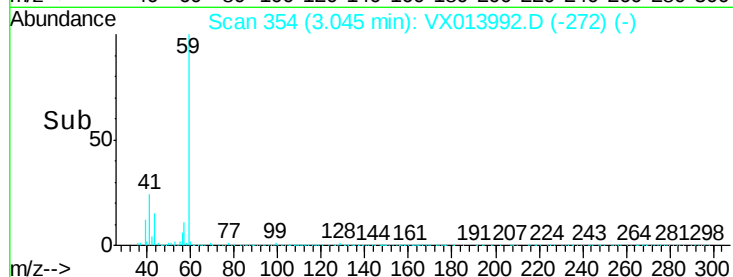
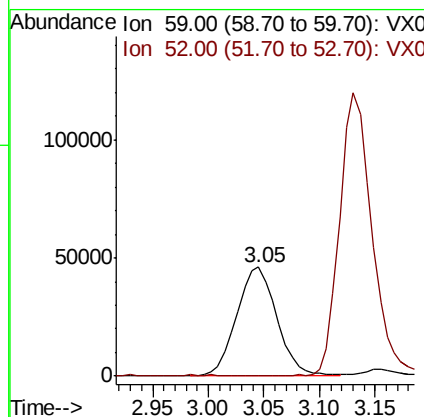
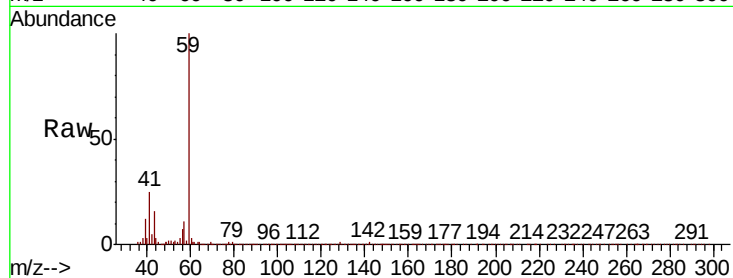
tert-Butyl Alcohol
 Concen: 70.838 ug/l
 RT: 3.05 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VX013992.D
 Acq: 12 Dec 2019 22:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

Manual Integrations
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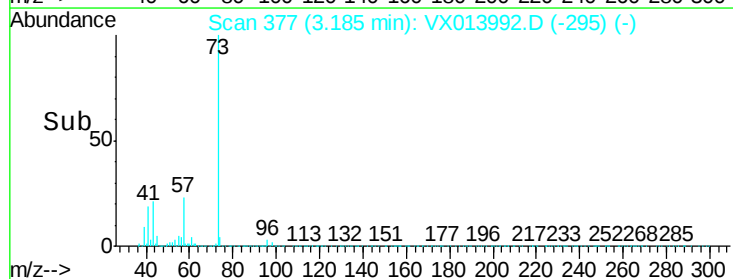
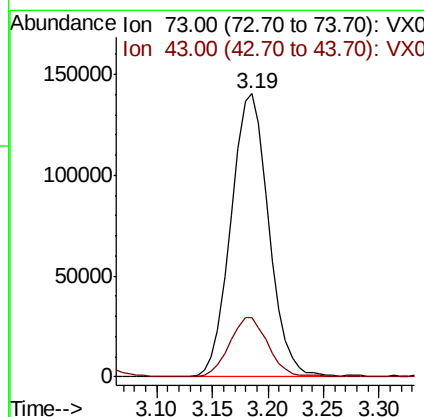
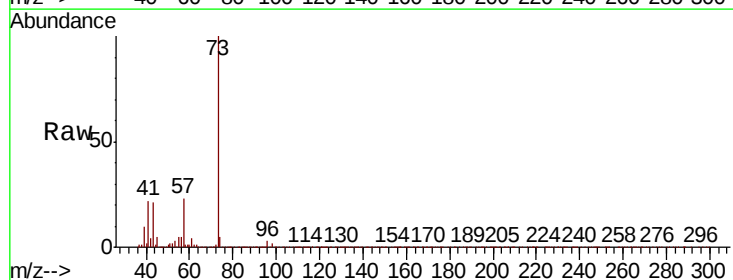
apatel
 12/13/2019 11:25:39 AM

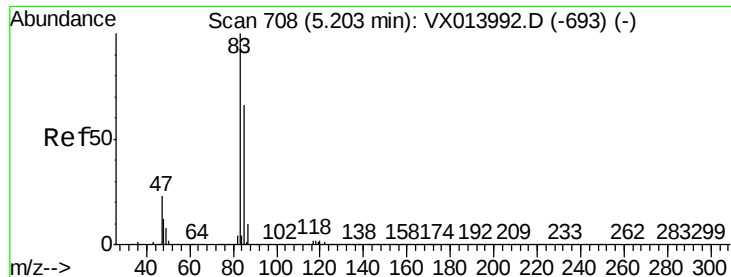


#24

Methyl tert-Butyl Ether
 Concen: 18.181 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX013992.D
 Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.8	16.6	25.0





#25

Chloroform

Concen: 18.161 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 83 Resp: 187296

Ion Ratio Lower Upper

83 100

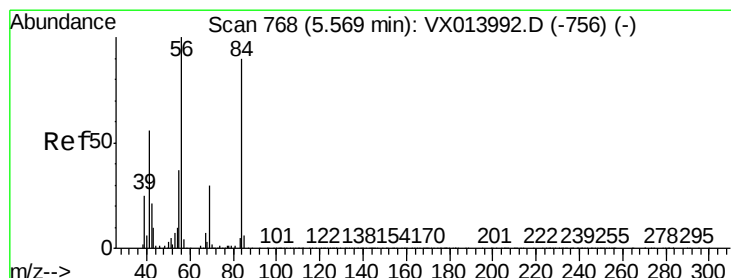
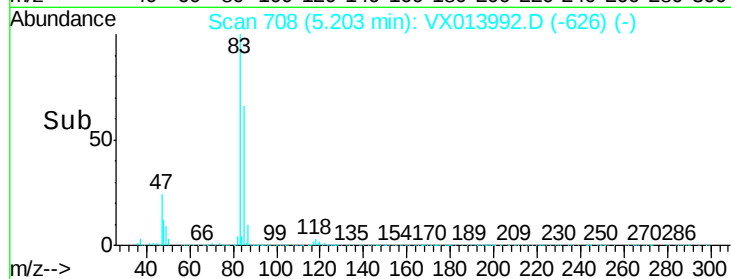
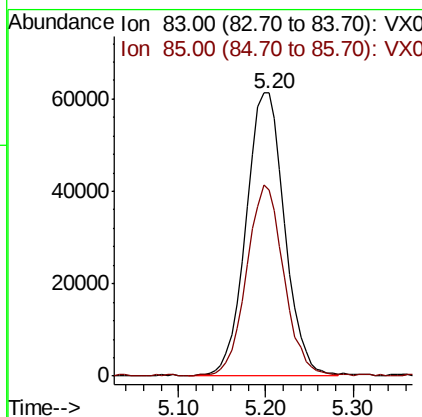
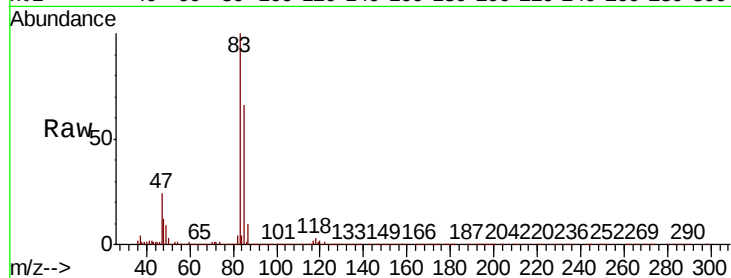
85 65.9 52.7 79.1

Manual Integrations

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#26

Cyclohexane

Concen: 18.184 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

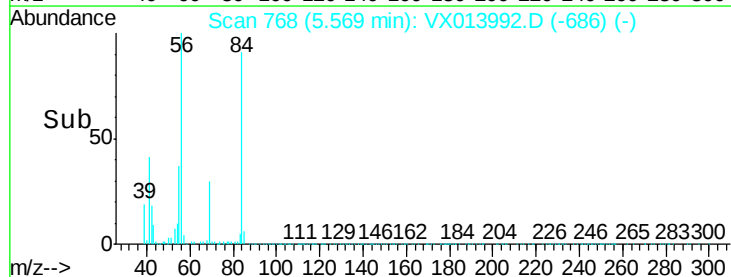
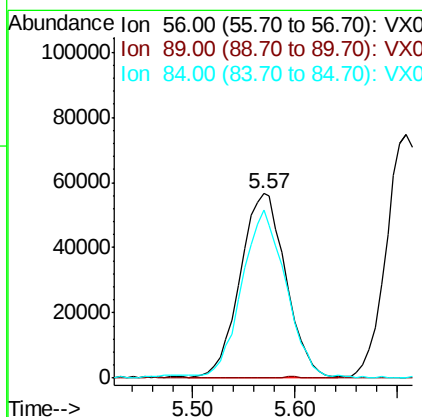
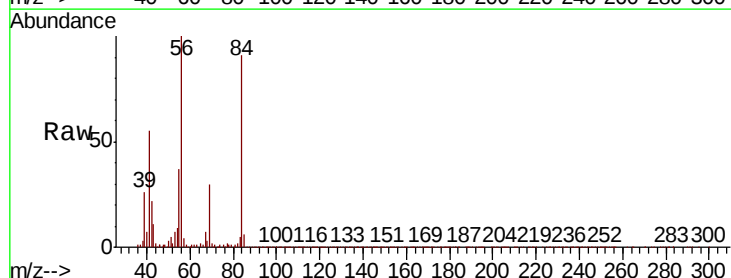
Tgt Ion: 56 Resp: 174666

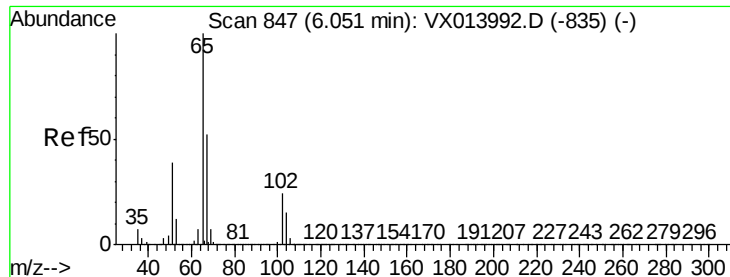
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 88.5 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.217 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 65 Resp: 191798

Ion Ratio Lower Upper

65 100

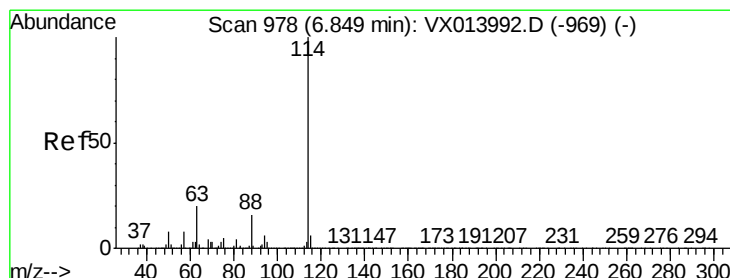
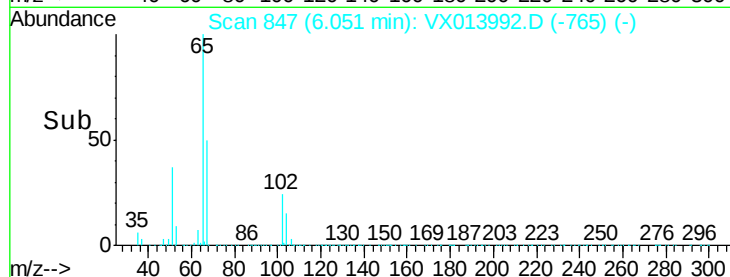
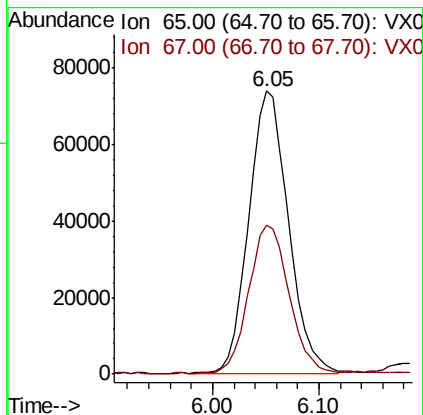
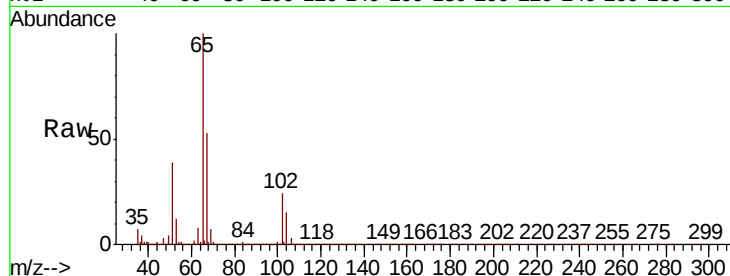
67 53.9 43.1 64.7

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

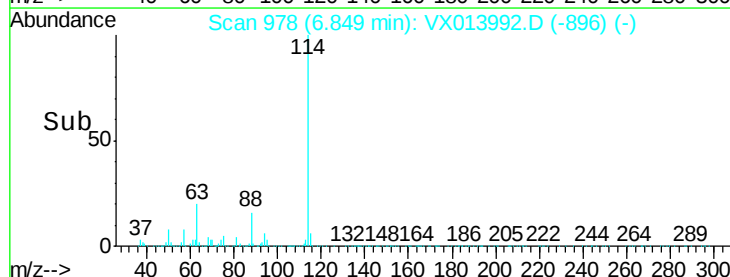
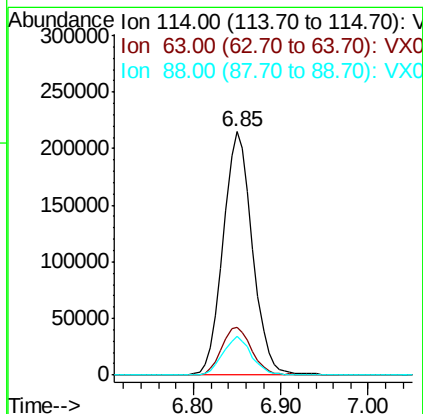
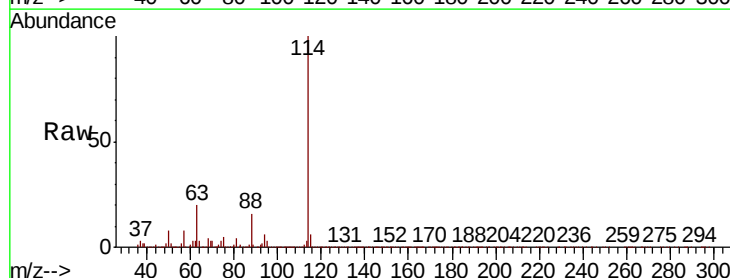
Tgt Ion: 114 Resp: 499484

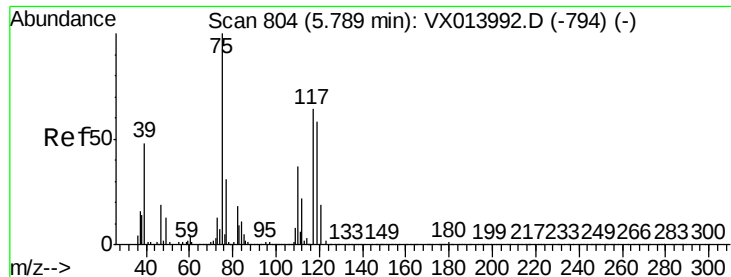
Ion Ratio Lower Upper

114 100

63 20.1 16.1 24.1

88 15.6 12.5 18.7





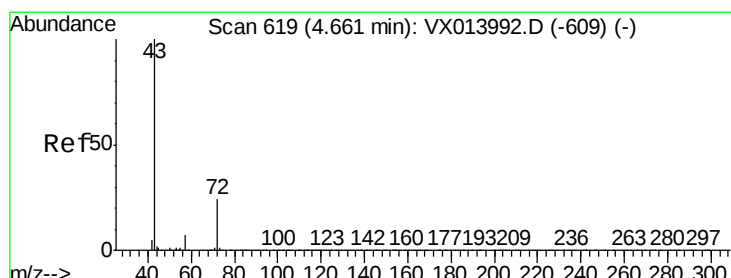
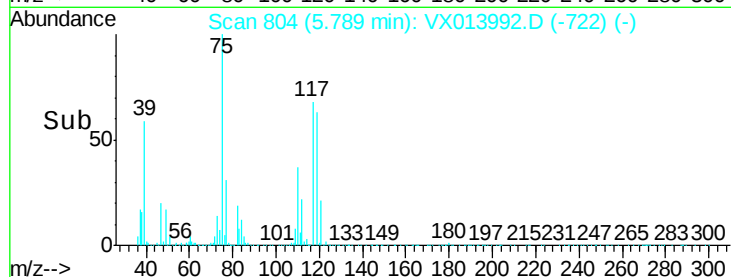
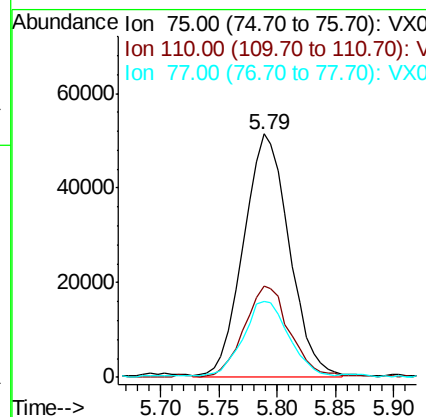
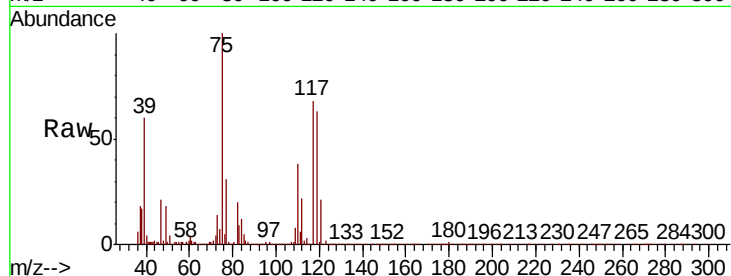
#29
 1,1-Dichloropropene
 Concen: 18.395 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013992.D
 Acq: 12 Dec 2019 22:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.9	0.0	73.8
77	31.2	0.0	62.4

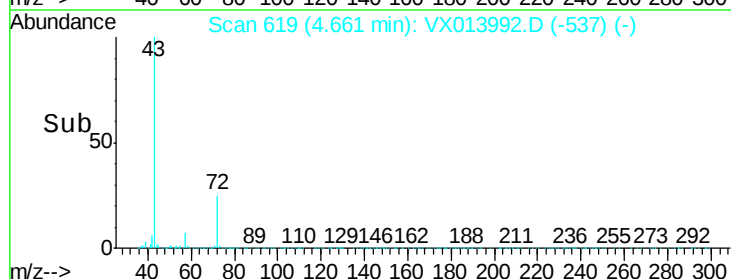
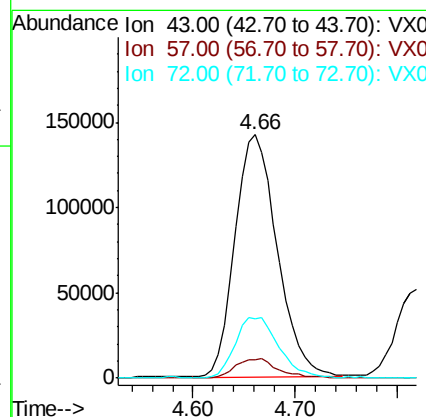
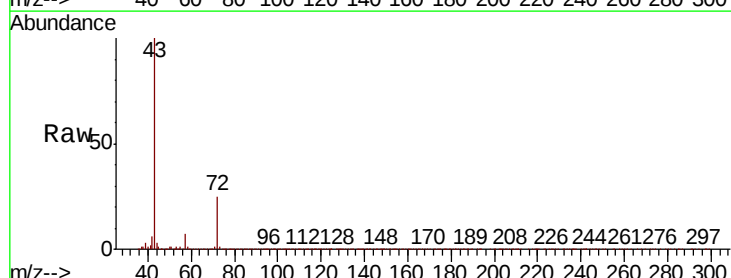
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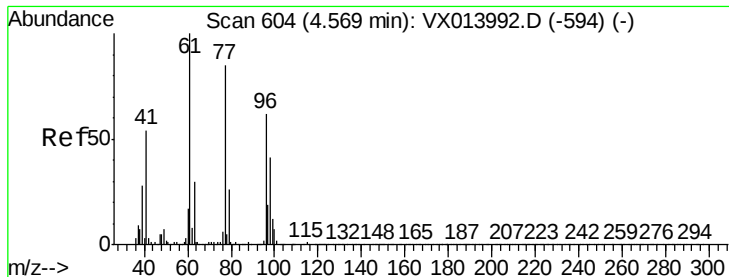
apatel
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#30
 2-Butanone
 Concen: 84.423 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VX013992.D
 Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.7	6.2	9.2
72	25.4	20.3	30.5





#31

2,2-Dichloropropane

Concen: 16.309 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 77 Resp: 130055

Ion Ratio Lower Upper

77 100

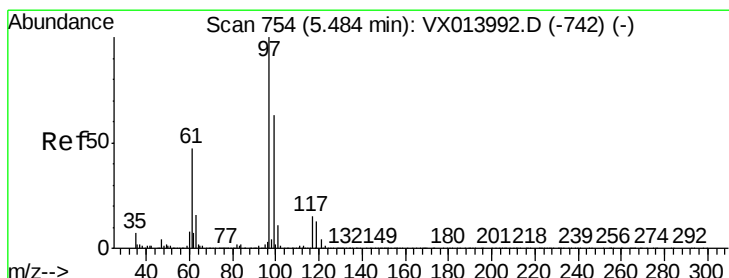
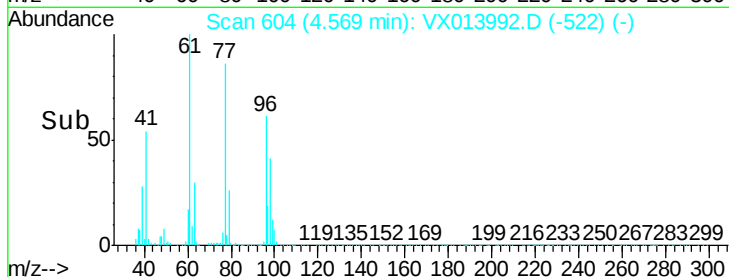
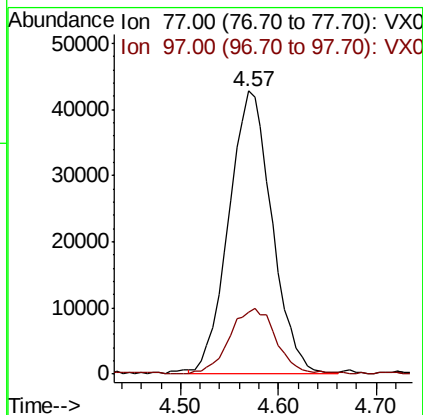
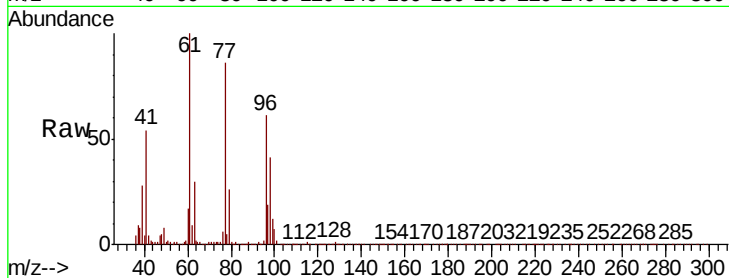
97 24.6 19.7 29.5

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.235 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

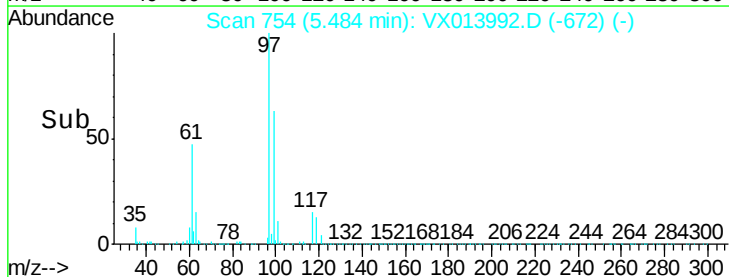
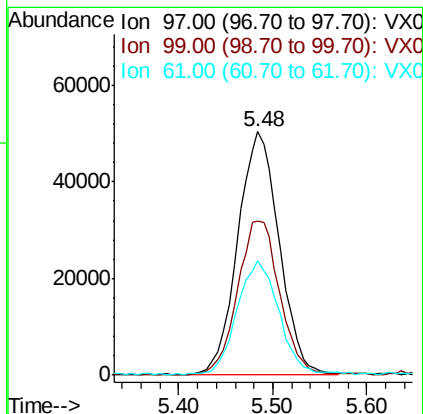
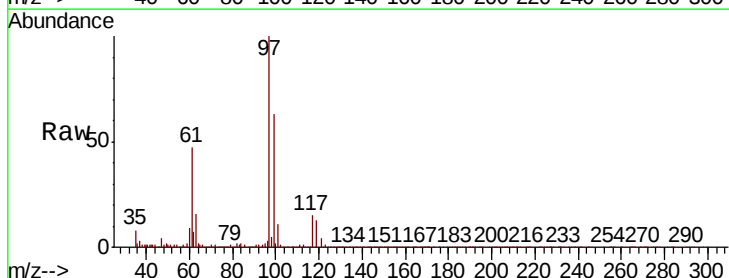
Tgt Ion: 97 Resp: 153096

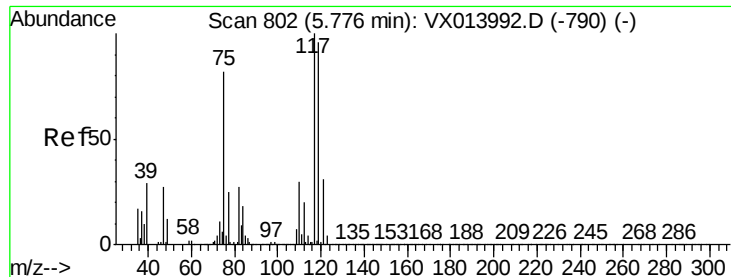
Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 46.0 36.8 55.2





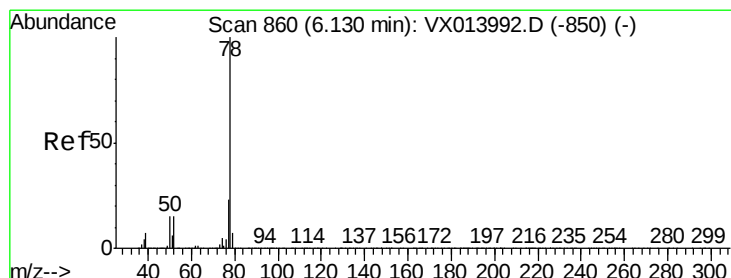
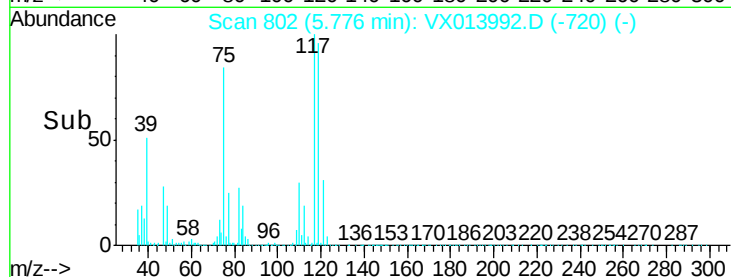
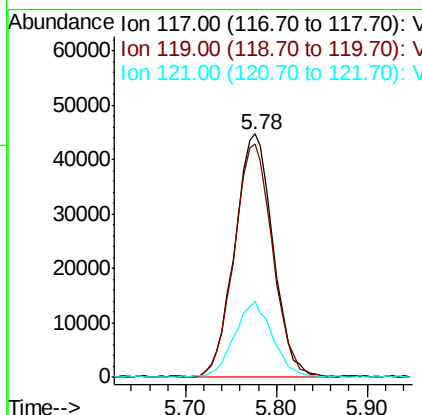
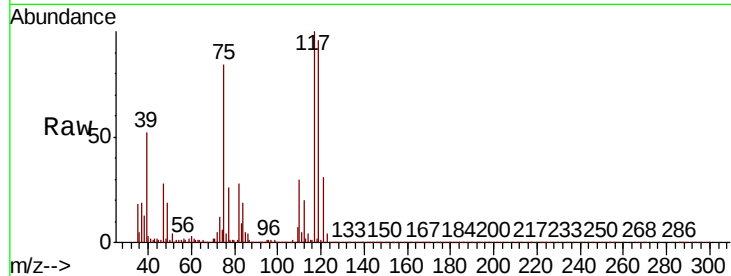
#33
Carbon Tetrachloride
Concen: 17.960 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.2	115.8
121	31.0	24.8	37.2

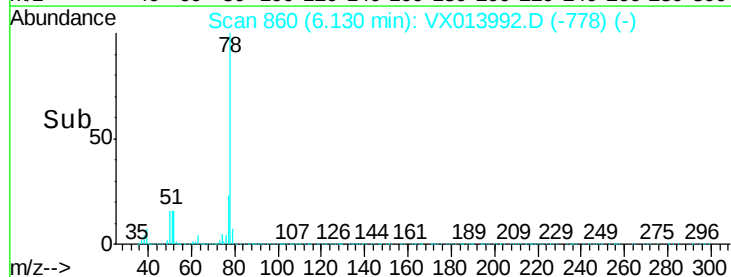
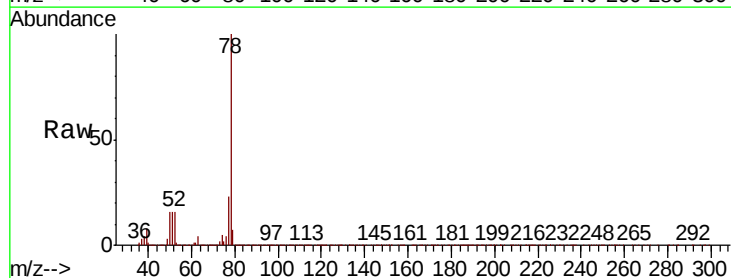
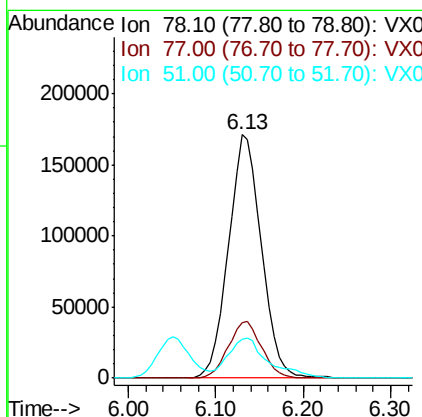
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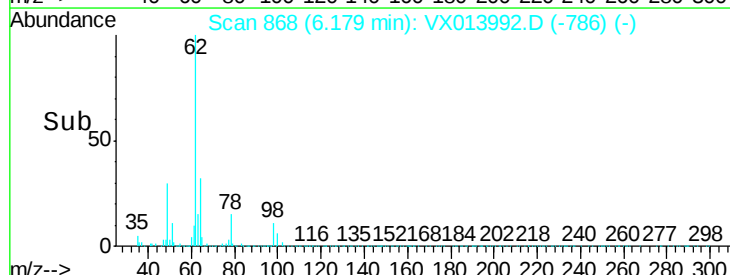
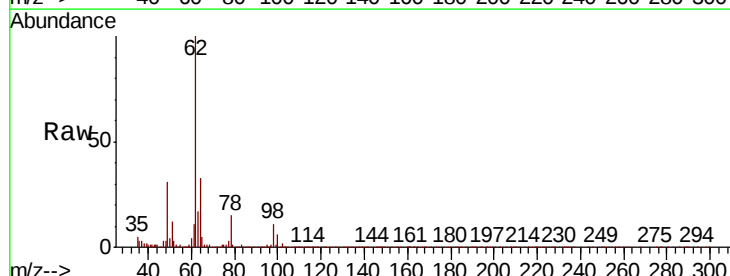
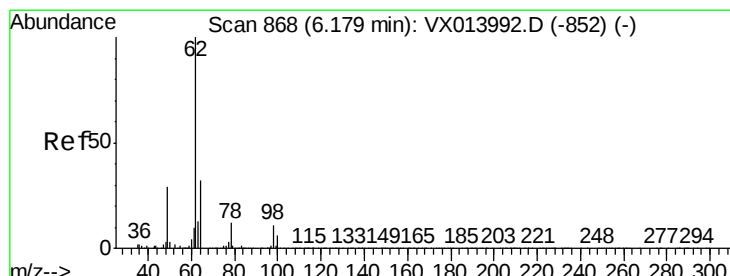
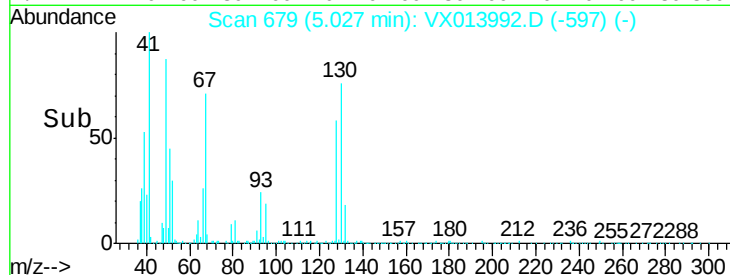
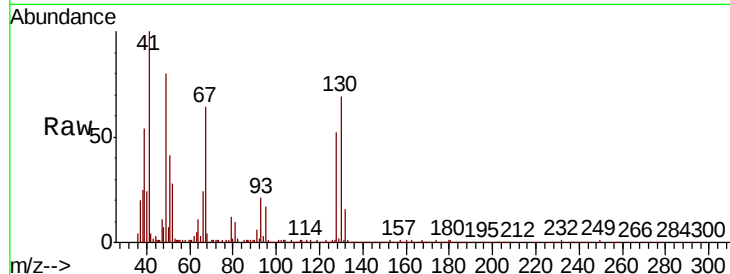
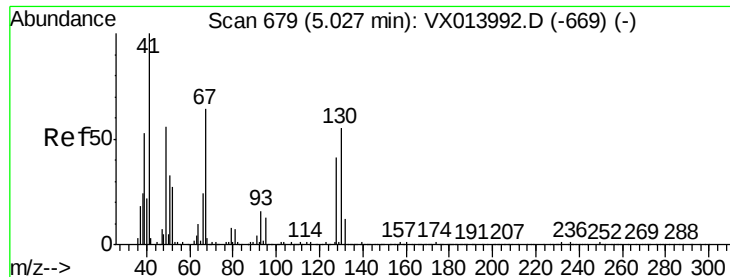
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#34
Benzene
Concen: 19.163 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

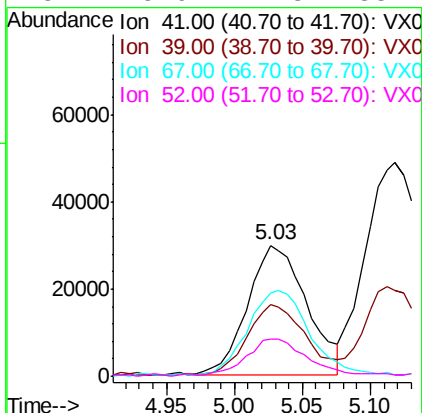
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.2	27.2
51	15.5	12.4	18.6





#35
Methacrylonitrile
Concen: 18.246 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	26.7	80.1	
67	63.0	31.5	94.5	
52	25.6	12.8	38.4	



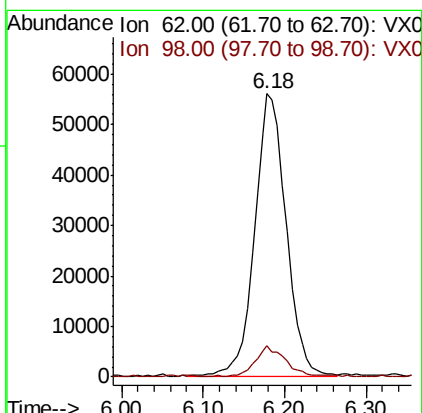
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

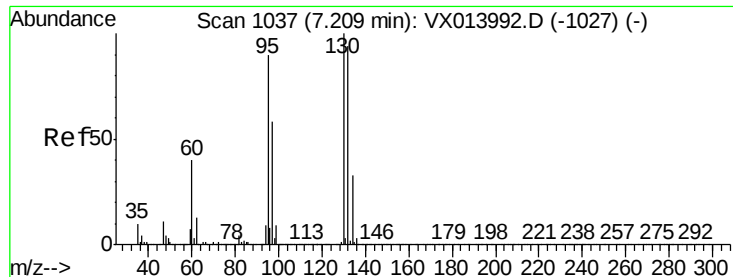
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#36
1,2-Dichloroethane
Concen: 18.603 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	8.4	12.6	





#37

Trichloroethene

Concen: 19.048 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:130 Resp: 118468

Ion Ratio Lower Upper

130 100

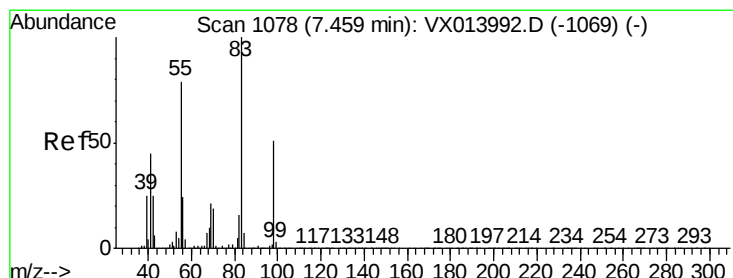
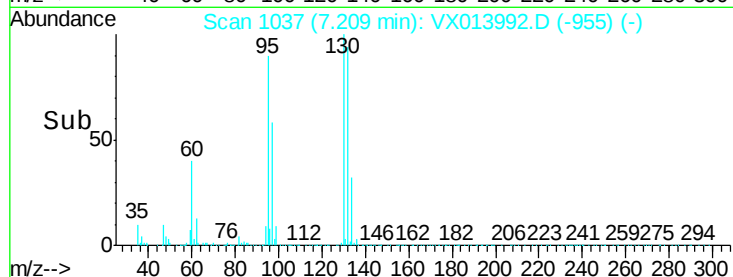
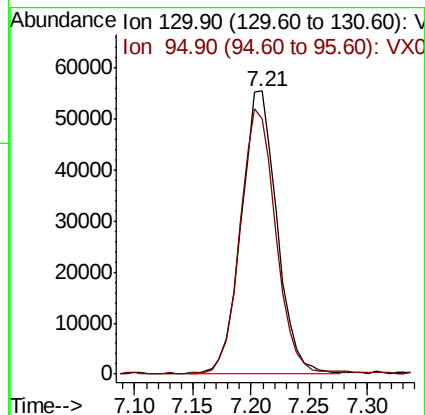
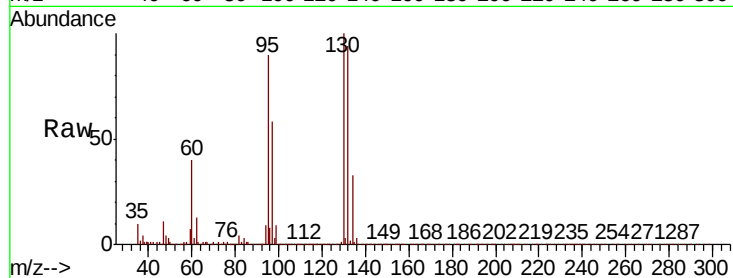
95 89.6 71.7 107.5

Manual Integrations

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#38

Methylcyclohexane

Concen: 17.934 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

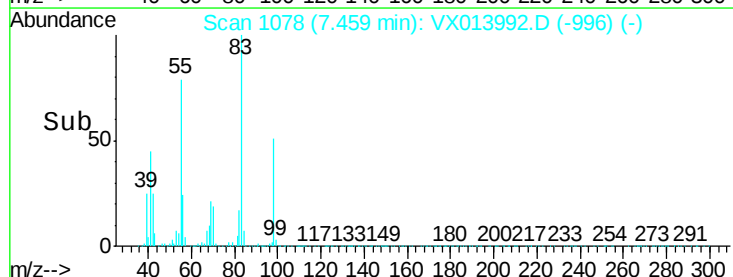
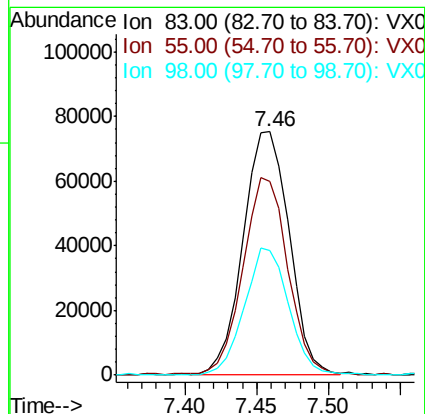
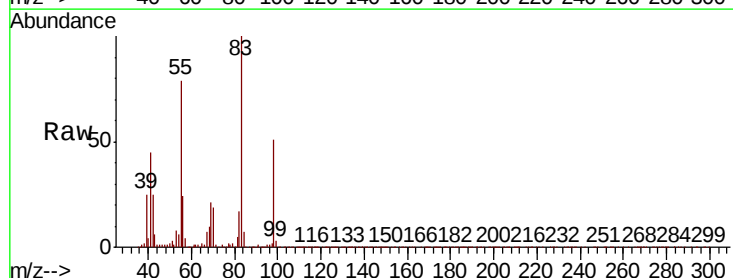
Tgt Ion: 83 Resp: 165893

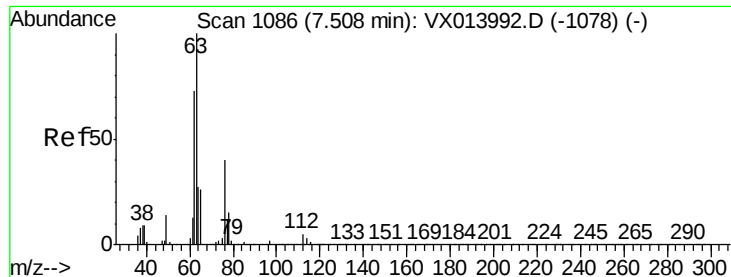
Ion Ratio Lower Upper

83 100

55 78.7 39.4 118.1

98 50.2 25.1 75.3





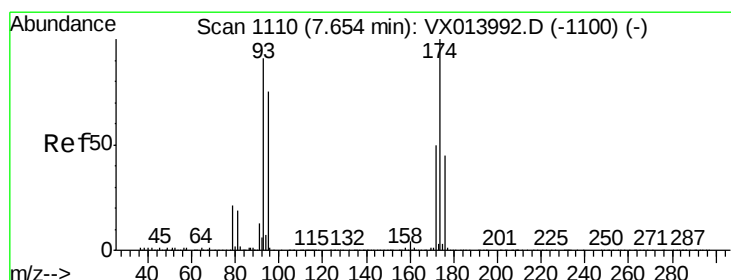
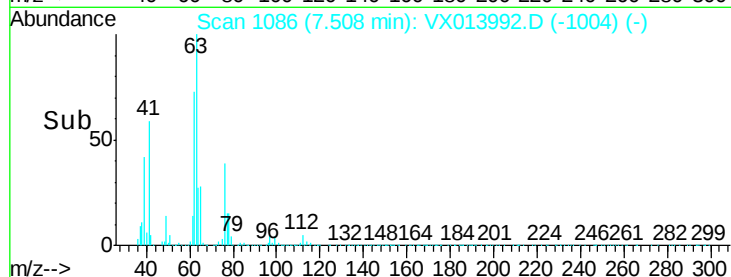
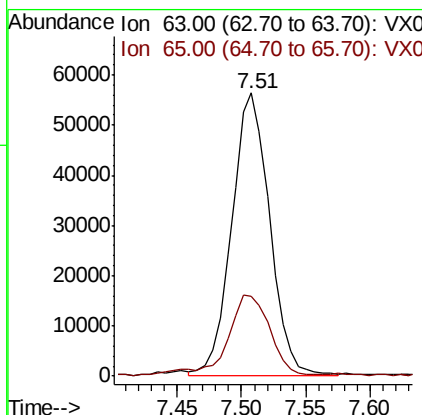
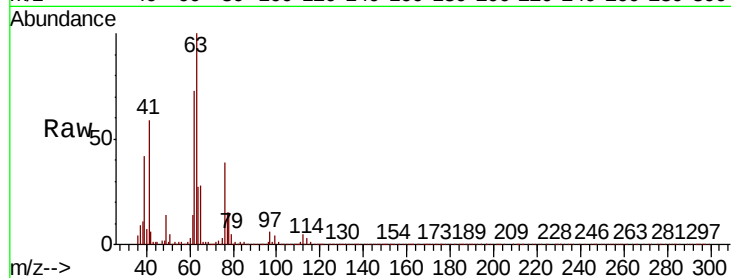
#39
 1,2-Dichloropropane
 Concen: 19.052 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013992.D
 Acq: 12 Dec 2019 22:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.6	22.1	33.1

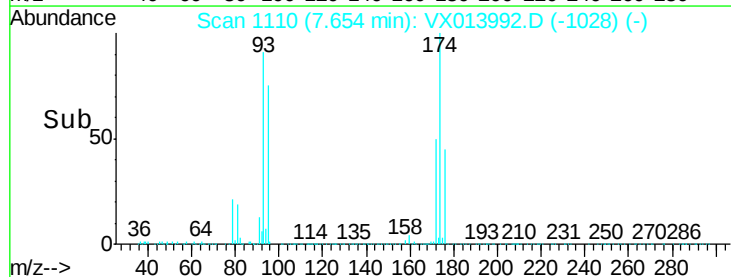
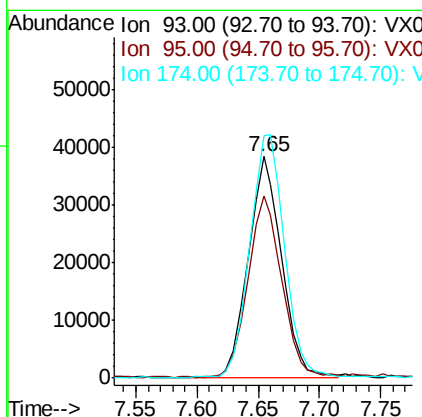
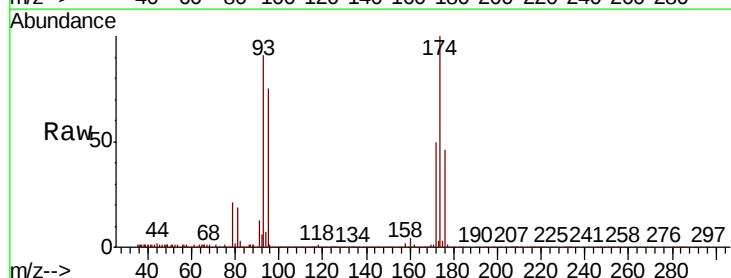
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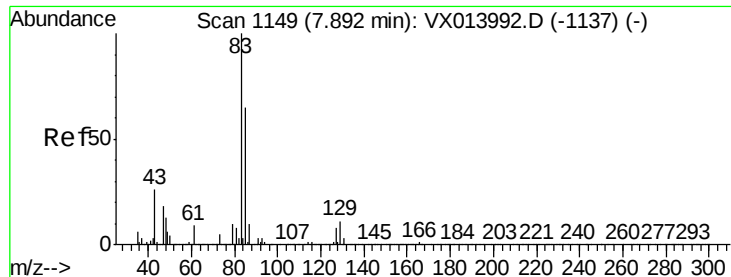
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#40
 Dibromomethane
 Concen: 18.479 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013992.D
 Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	0.0	164.4
174	114.4	0.0	228.8





#41

Bromodichloromethane

Concen: 17.951 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

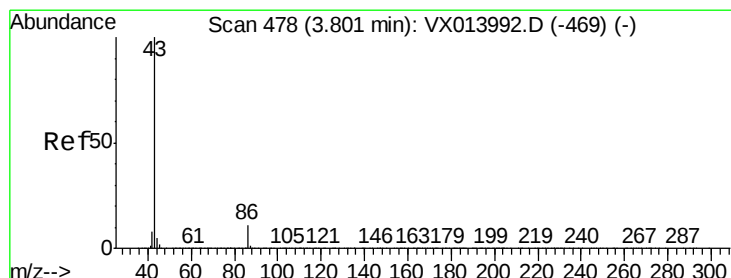
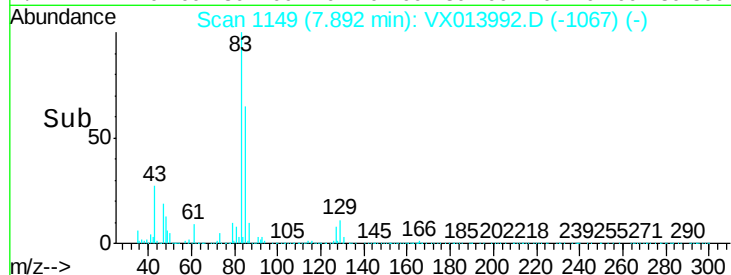
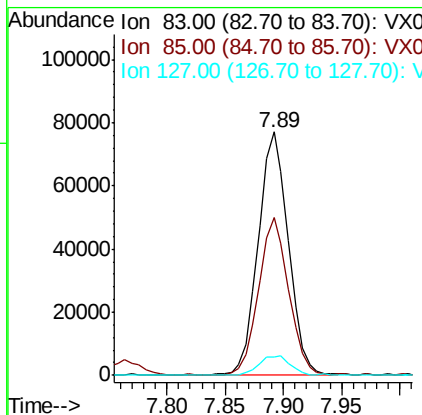
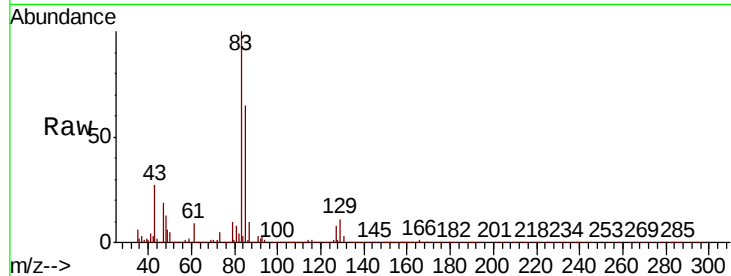
ClientSampleId :

VSTDICCC020

Tot Ion	83	Resp	137458
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.6	77.4
127	7.5	6.0	9.0

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#42

Vinyl Acetate

Concen: 94.480 ug/l

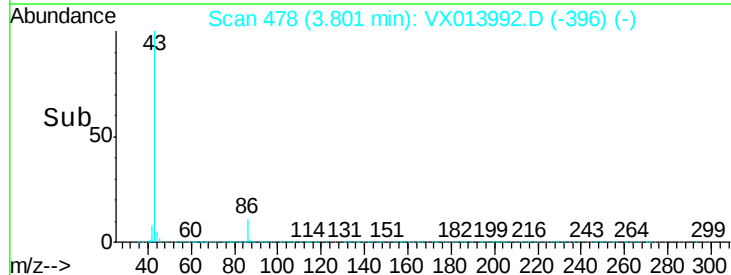
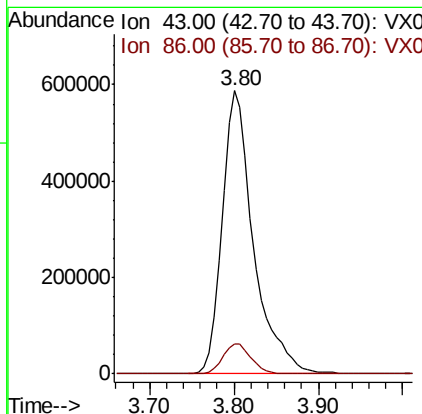
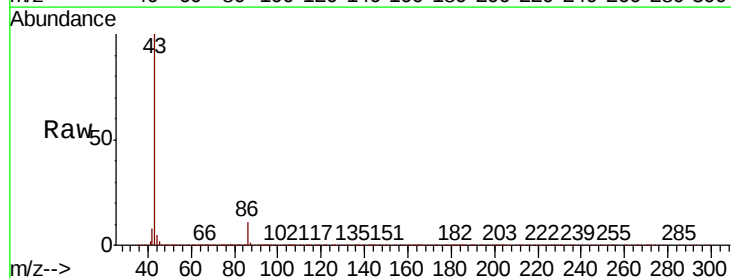
RT: 3.80 min Scan# 478

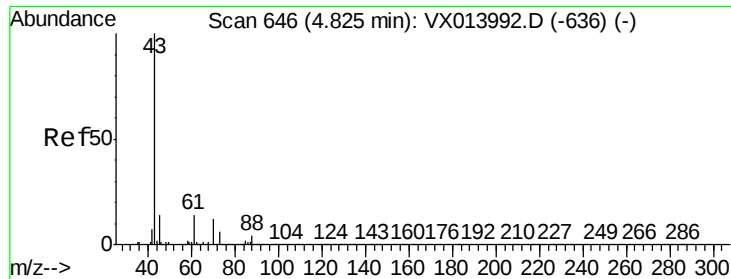
Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Tgt Ion	43	Resp	1493147
Ion Ratio	Lower	Upper	
43	100		
86	9.6	7.7	11.5





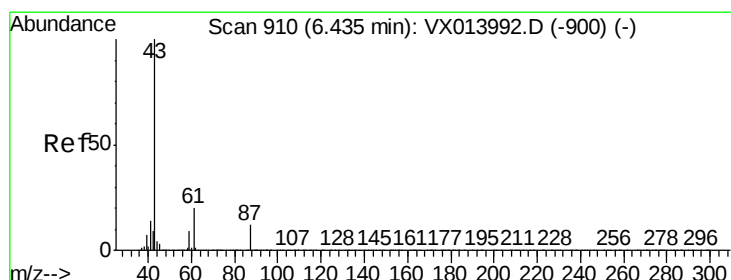
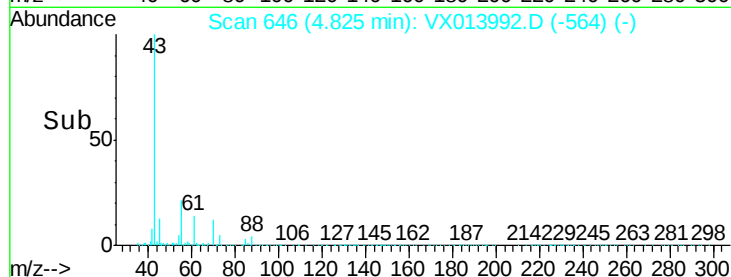
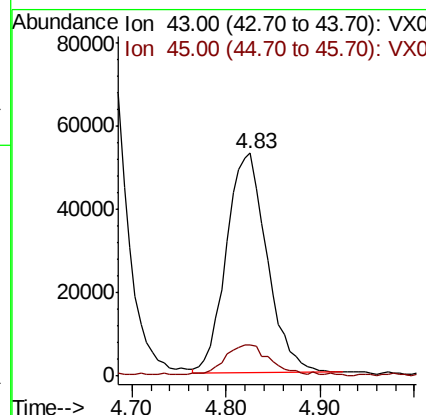
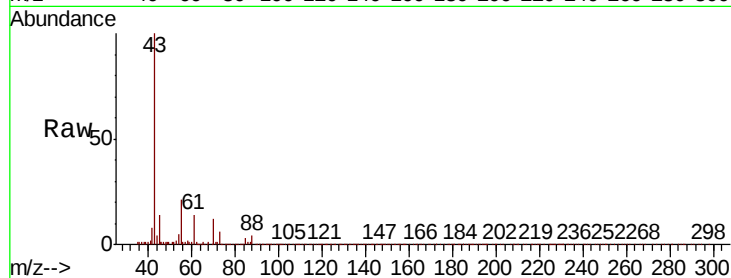
#43
Ethyl Acetate
Concen: 17.622 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.8	11.8	17.8

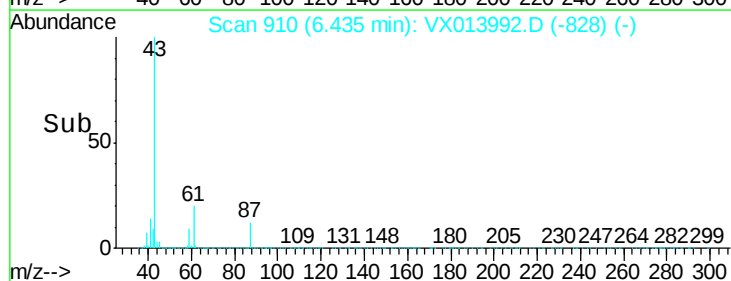
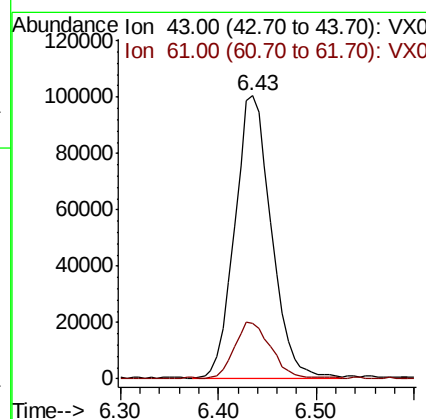
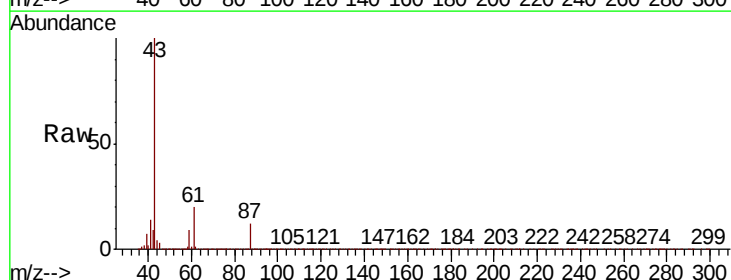
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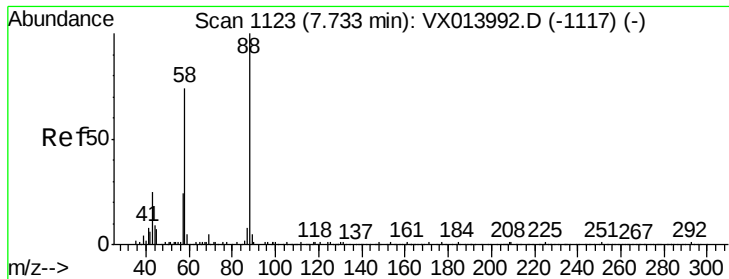
apatel
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#44
Isopropyl Acetate
Concen: 17.779 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.9	23.9





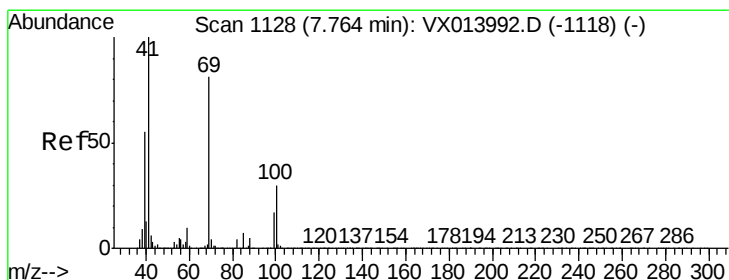
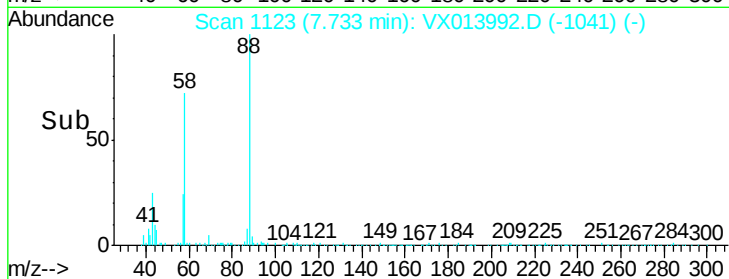
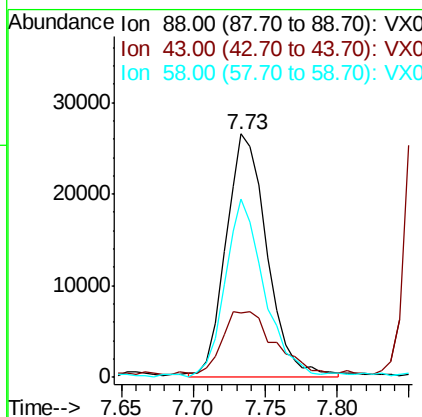
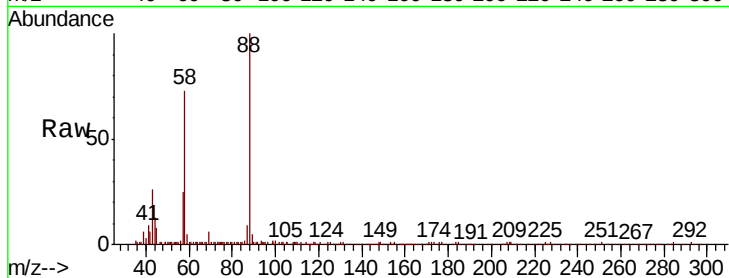
#45
1,4-Dioxane
Concen: 330.159 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:	88	Resp:	52388
Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.4	38.2
58	70.6	56.5	84.7

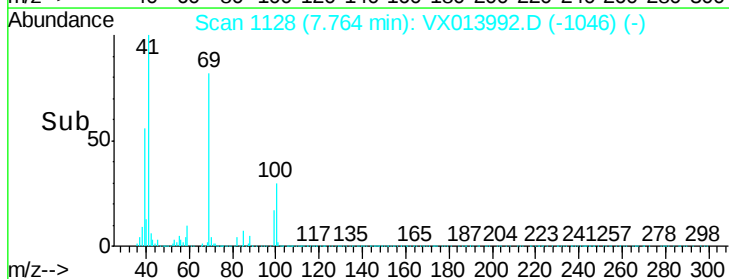
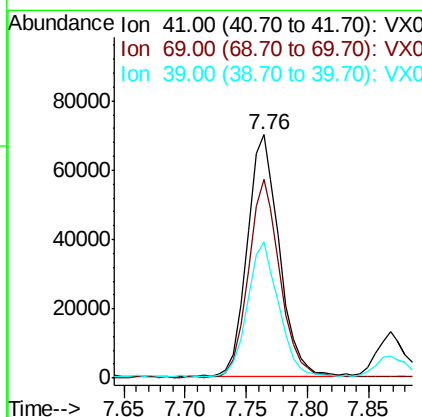
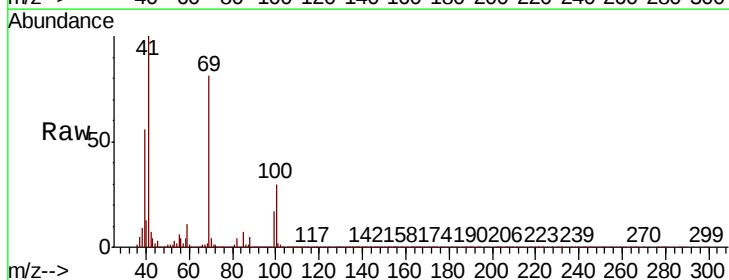
Manual Integrations
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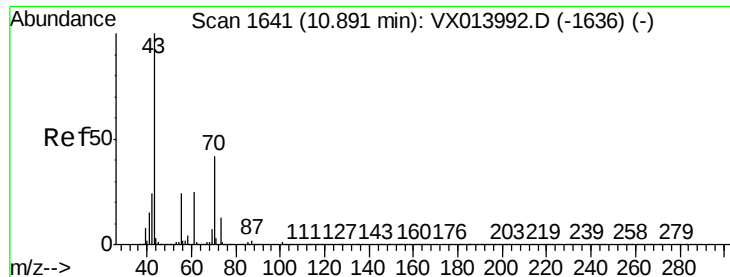
apatel
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#46
Methyl methacrylate
Concen: 17.603 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion:	41	Resp:	127753
Ion	Ratio	Lower	Upper
41	100		
69	81.3	40.6	122.0
39	55.5	27.8	83.3





#47

n-amvl Acetate

Concen: 17.799 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 43 Resp: 229019

Ion Ratio Lower Upper

43 100

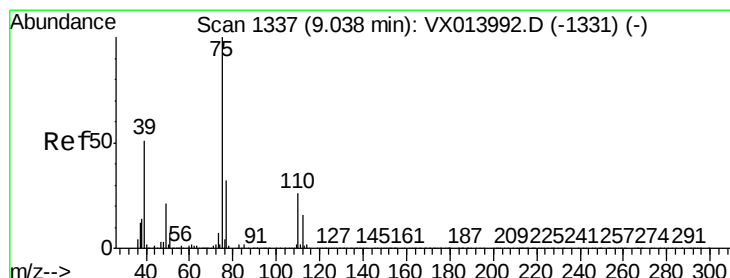
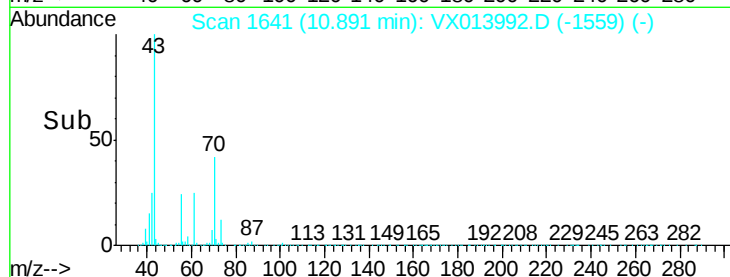
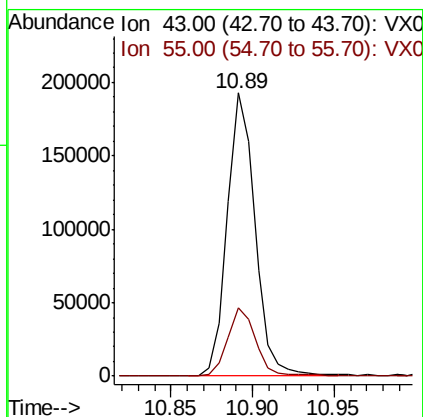
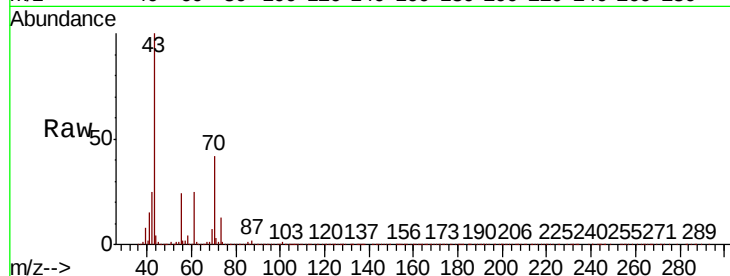
55 24.3 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 16.782 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013992.D

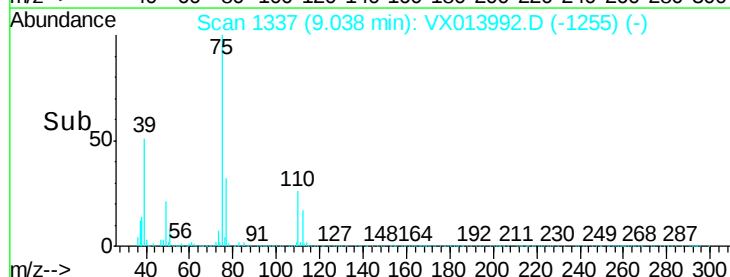
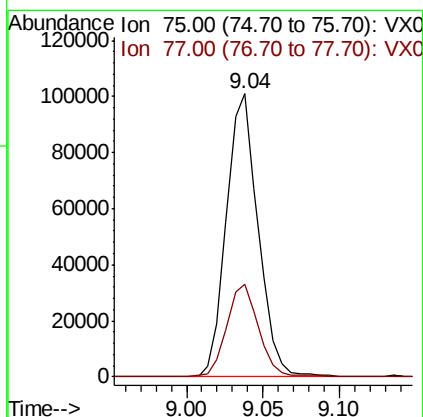
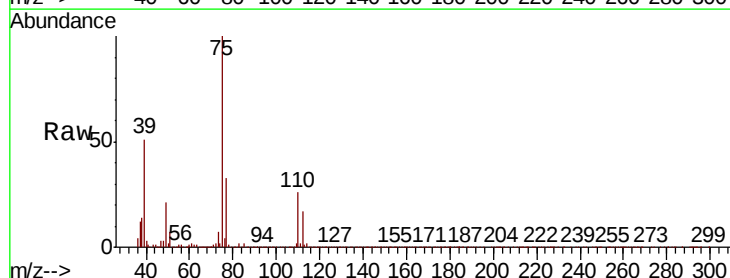
Acq: 12 Dec 2019 22:58

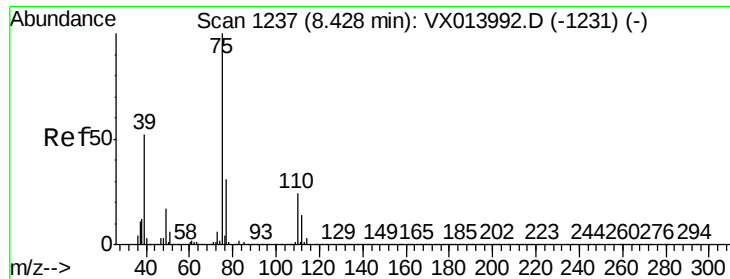
Tgt Ion: 75 Resp: 143751

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0





#49

cis-1,3-Dichloropropene

Concen: 17.659 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

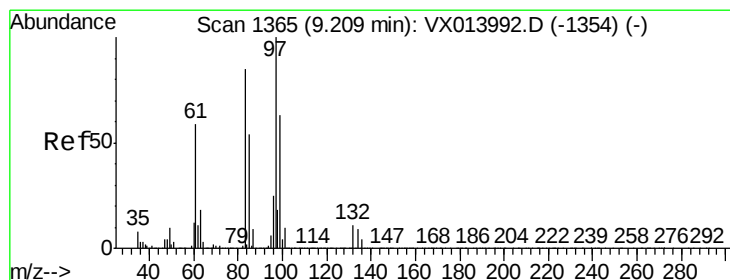
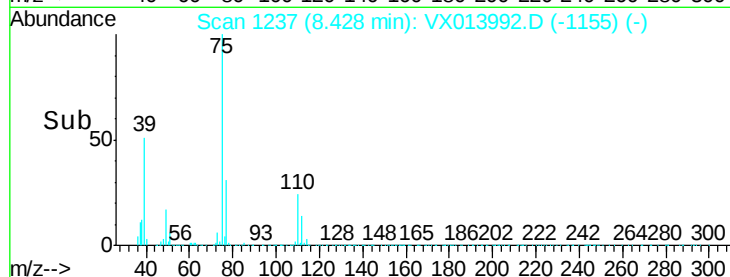
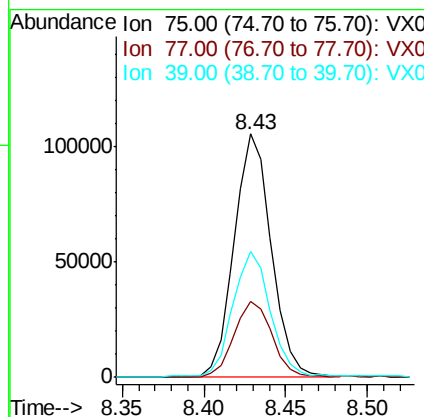
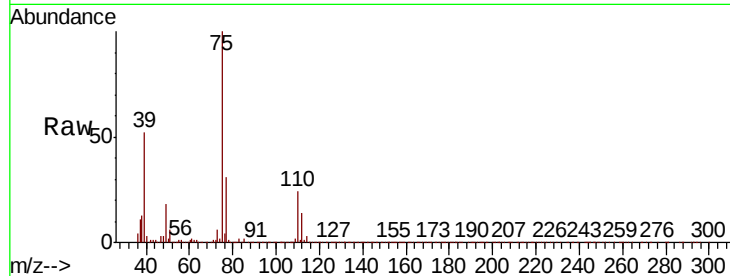
ClientSampleId :

VSTDICCC020

Tot Ion:	75	Resp:	166356
Ion Ratio	Lower	Upper	
75	100		
77	31.0	24.8	37.2
39	51.4	41.1	61.7

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#50

1,1,2-Trichloroethane

Concen: 19.219 ug/l

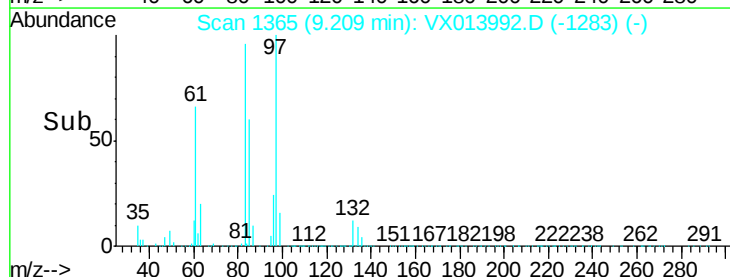
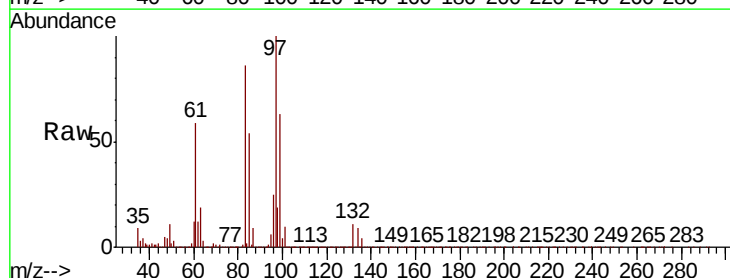
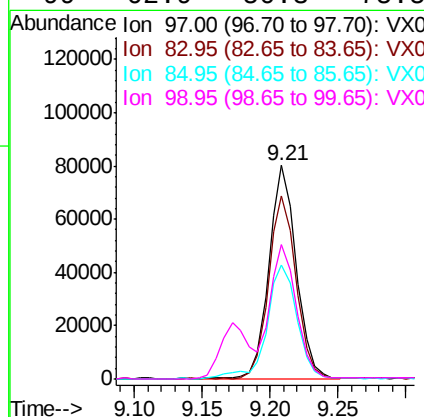
RT: 9.21 min Scan# 1365

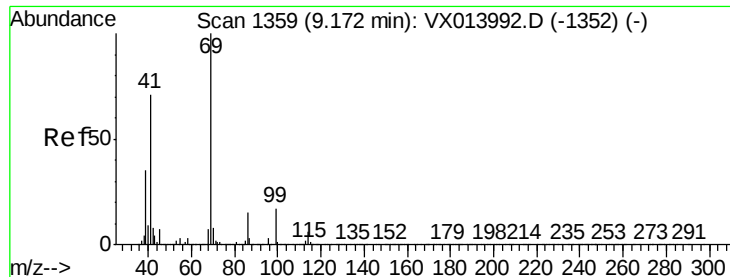
Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Tgt Ion:	97	Resp:	113058
Ion Ratio	Lower	Upper	
97	100		
83	85.1	68.1	102.1
85	53.4	42.7	64.1
99	62.9	50.3	75.5





#51

Ethyl methacrylate

Concen: 17.961 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

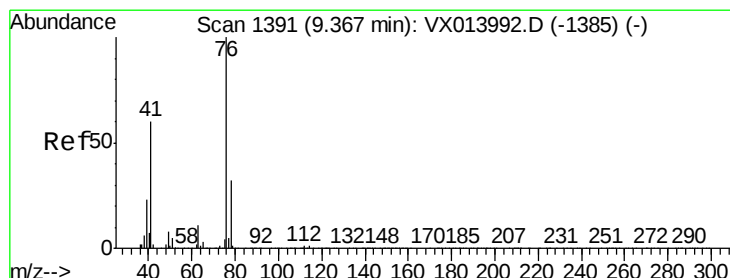
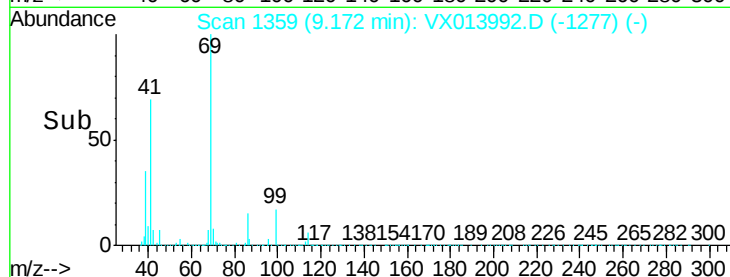
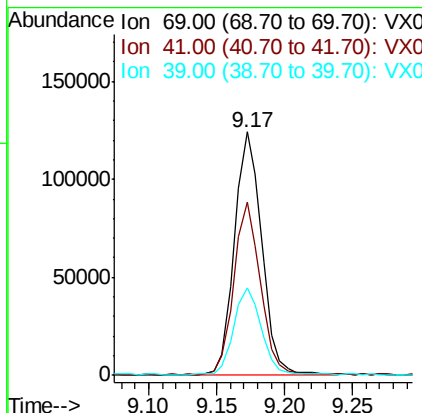
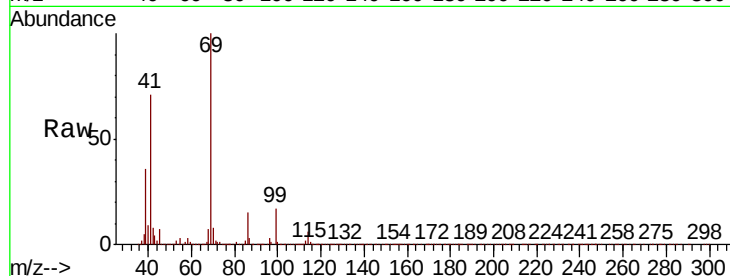
ClientSampleId :

VSTDICCC020

Tot Ion:	69	Resp:	173471
Ion Ratio	Lower	Upper	
69	100		
41	70.7	35.4	106.1
39	35.5	17.8	53.3

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#52

1,3-Dichloropropane

Concen: 19.231 ug/l

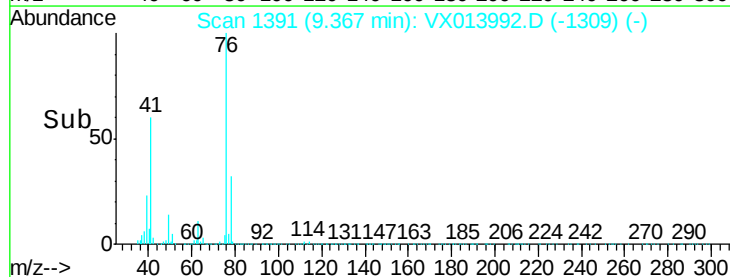
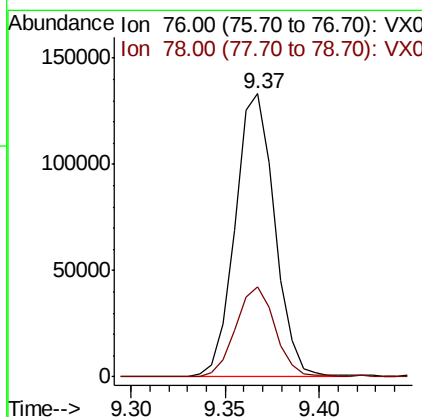
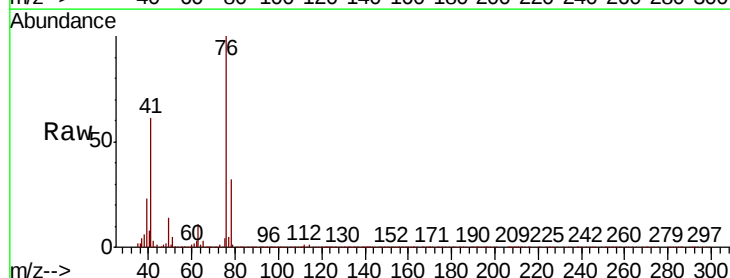
RT: 9.37 min Scan# 1391

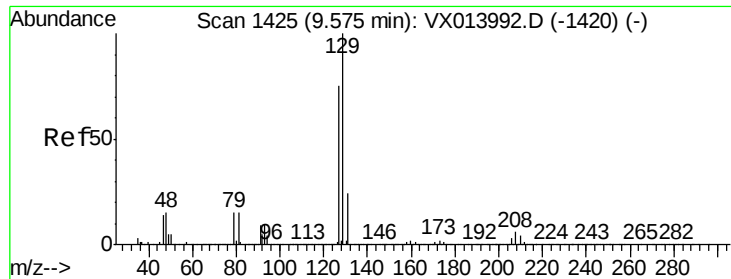
Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Tgt Ion:	76	Resp:	193558
Ion Ratio	Lower	Upper	
76	100		
78	31.7	0.0	63.4





#53

Dibromochloromethane

Concen: 17.449 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:129 Resp: 107558

Ion Ratio Lower Upper

129 100

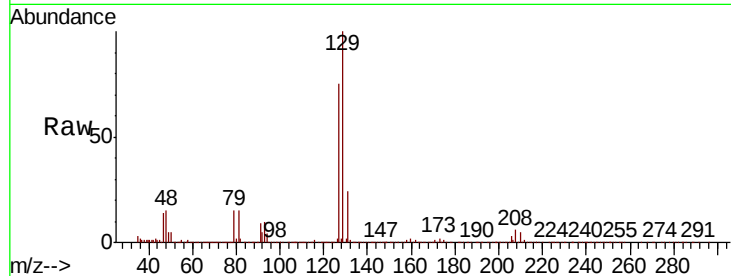
127 78.3 39.1 117.5

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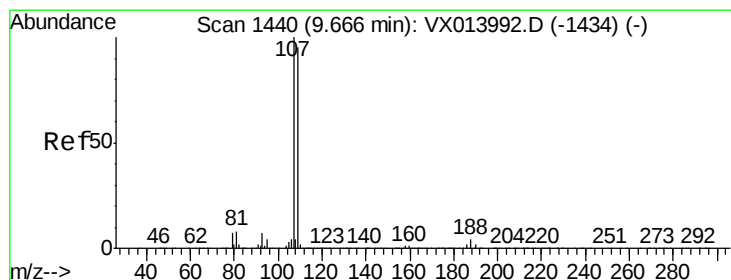
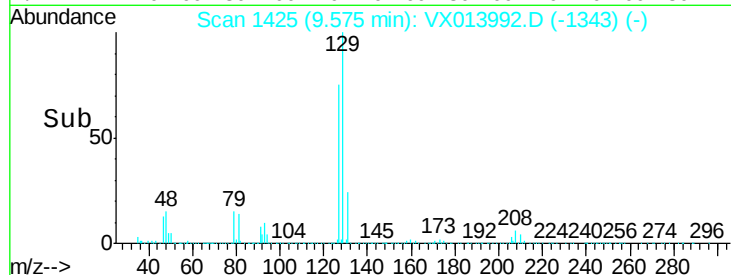
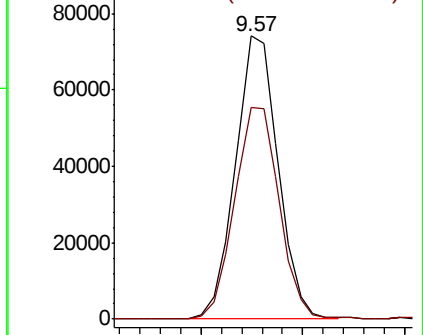
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.358 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013992.D

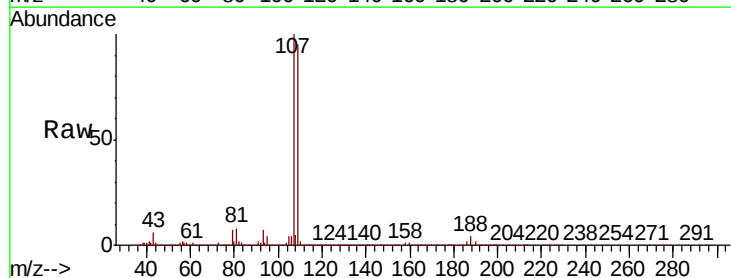
Acq: 12 Dec 2019 22:58

Tgt Ion:107 Resp: 114362

Ion Ratio Lower Upper

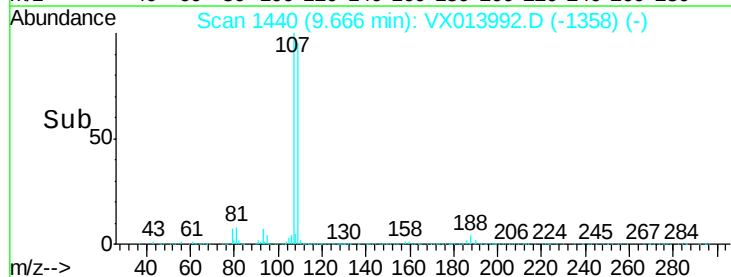
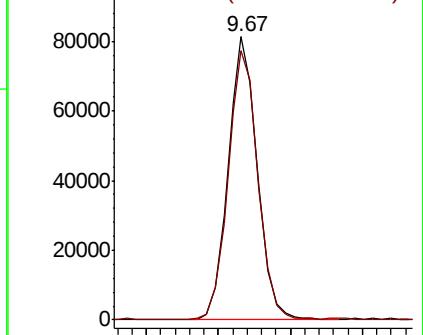
107 100

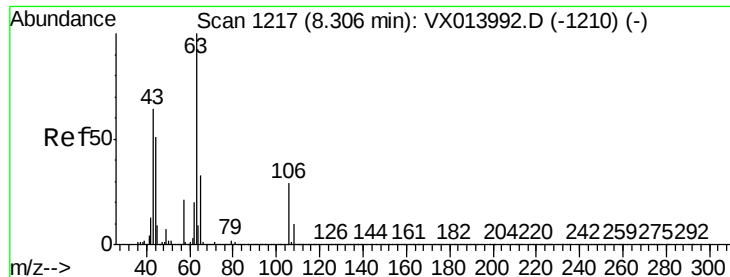
109 96.5 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 95.619 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

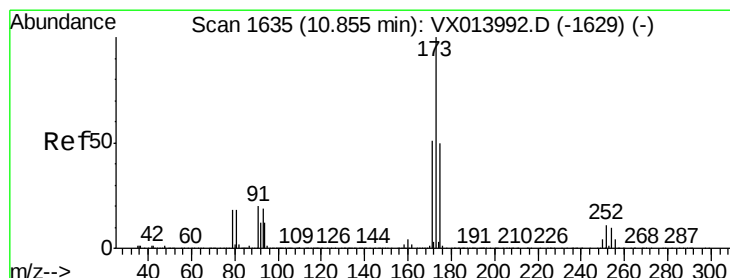
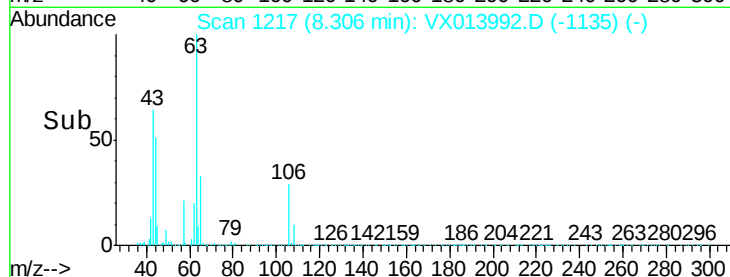
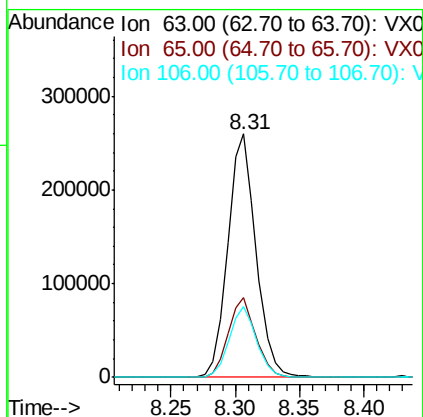
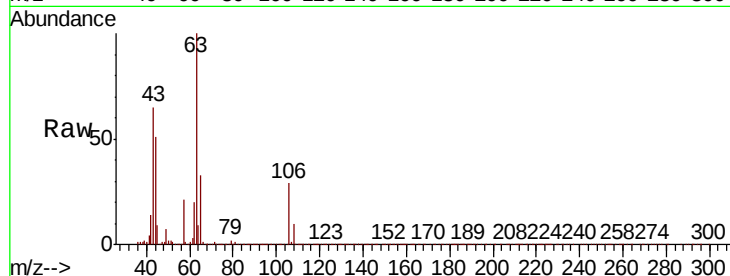
ClientSampleId :

VSTDICCC020

Tot Ion:	63	Resp:	395191
Ion Ratio	Lower	Upper	
63	100		
65	32.2	25.8	38.6
106	28.6	22.9	34.3

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#56

Bromoform

Concen: 16.512 ug/l

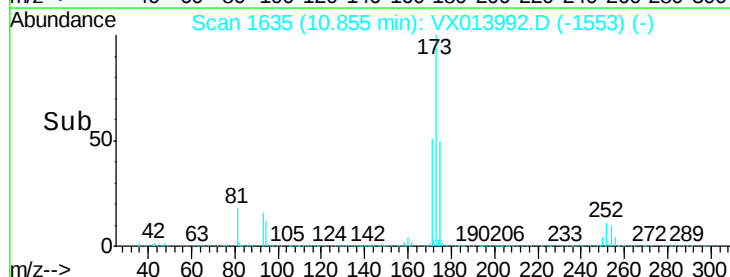
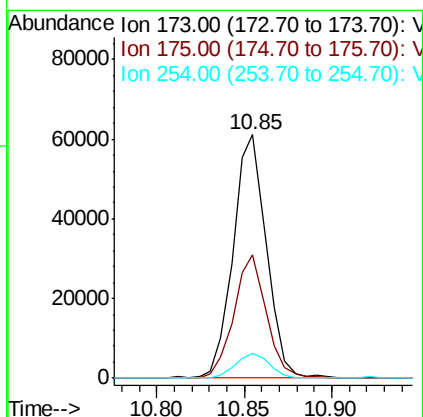
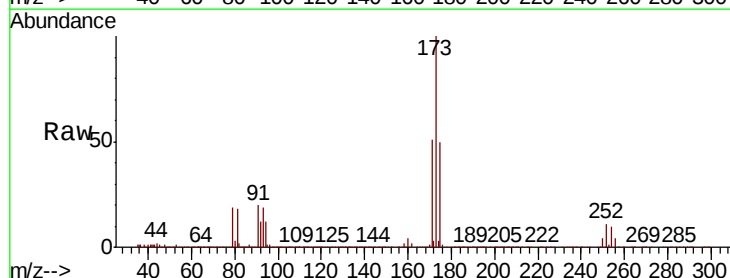
RT: 10.85 min Scan# 1635

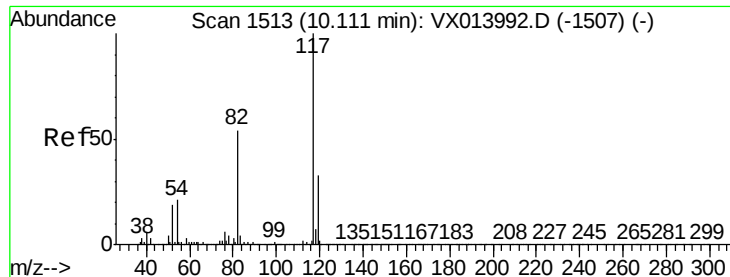
Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Tgt Ion:	173	Resp:	80693
Ion Ratio	Lower	Upper	
173	100		
175	49.4	39.5	59.3
254	10.3	8.2	12.4





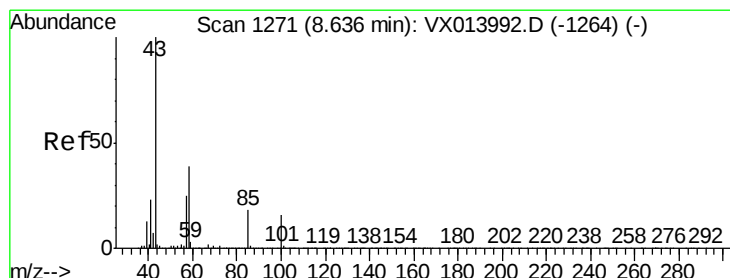
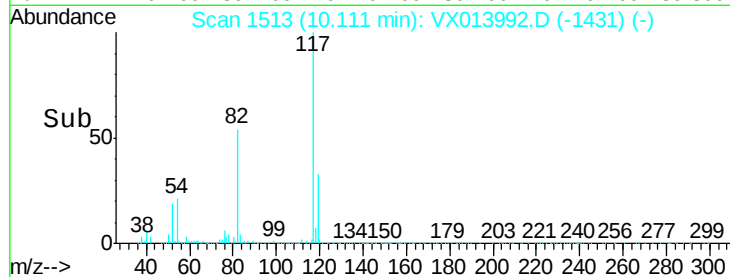
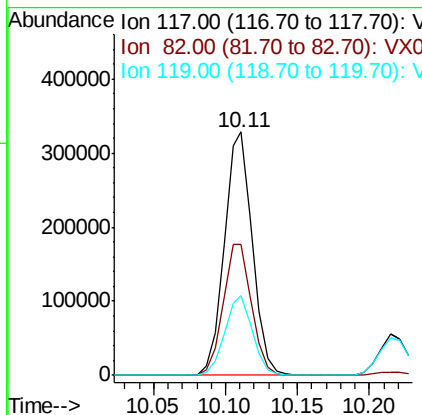
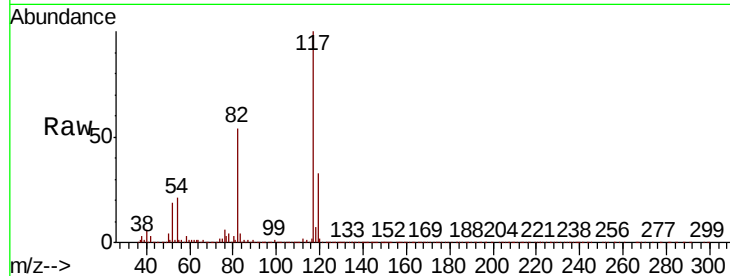
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.8	65.6
119	32.2	25.8	38.6

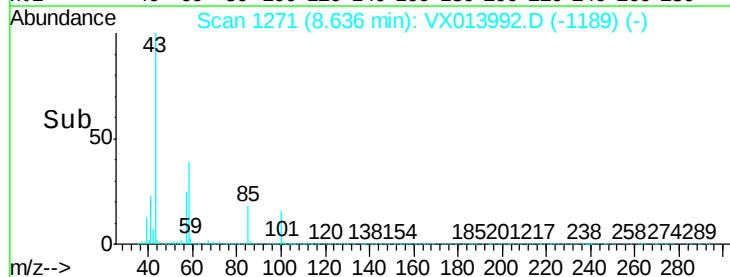
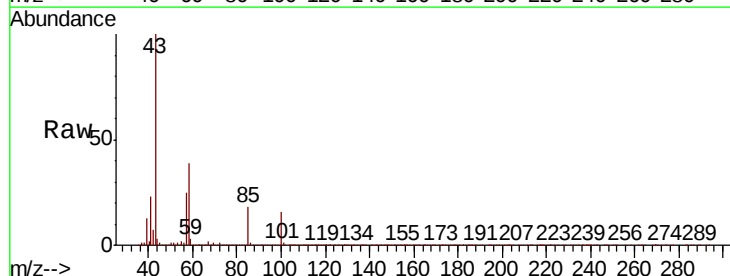
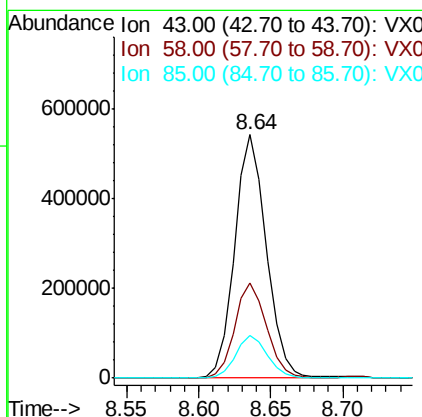
Manual Integrations
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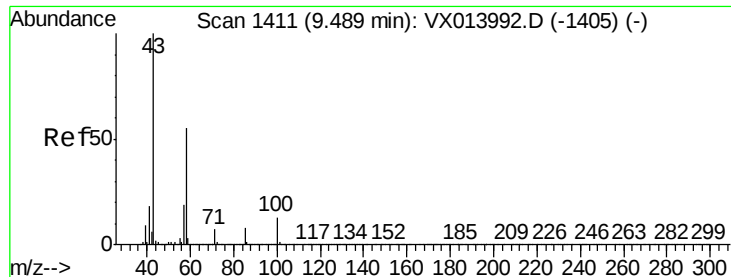
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#58
4-Methyl-2-Pentanone
Concen: 90.277 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.2	46.8
85	17.7	14.2	21.2





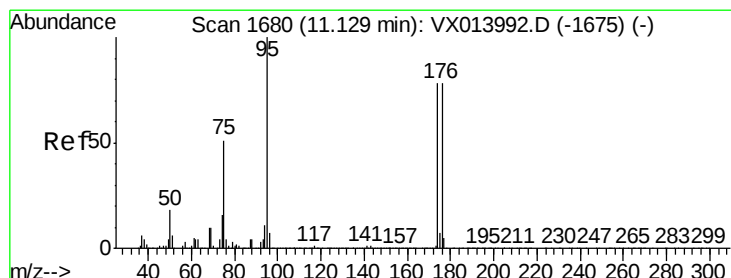
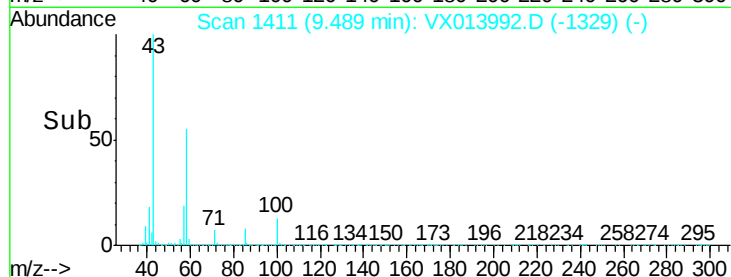
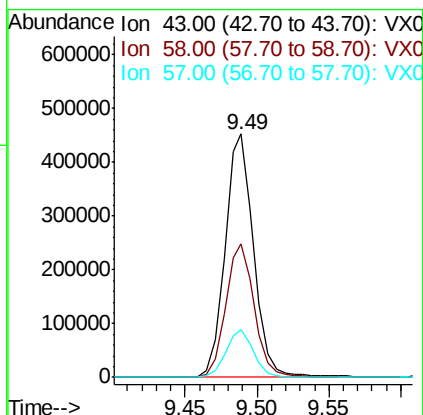
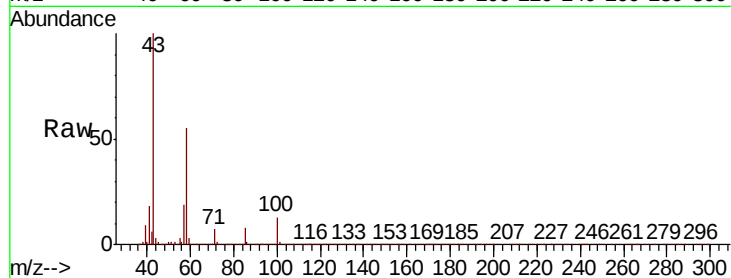
#59
2-Hexanone
Concen: 86.794 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.7	43.8	65.6
57	19.2	15.4	23.0

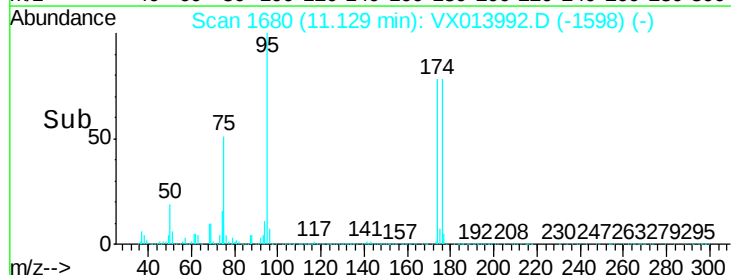
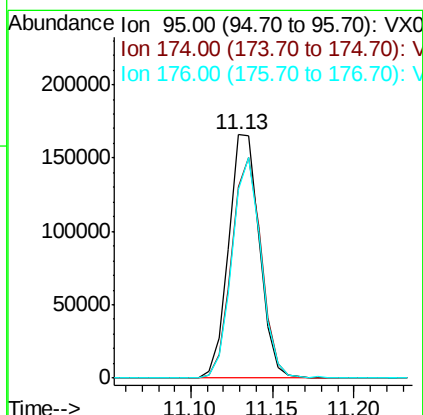
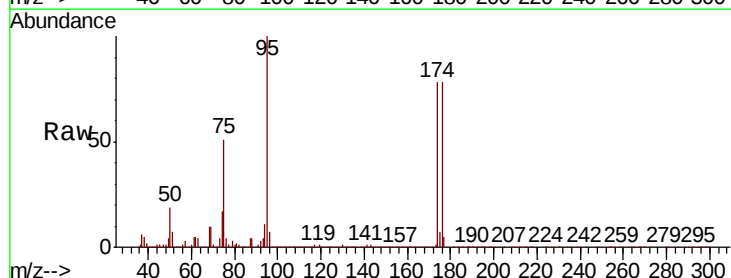
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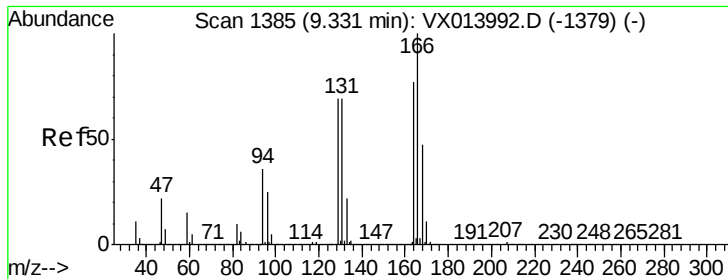
apatel
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#60
4-Bromofluorobenzene
Concen: 29.953 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.6	70.2	105.2
176	85.4	68.3	102.5





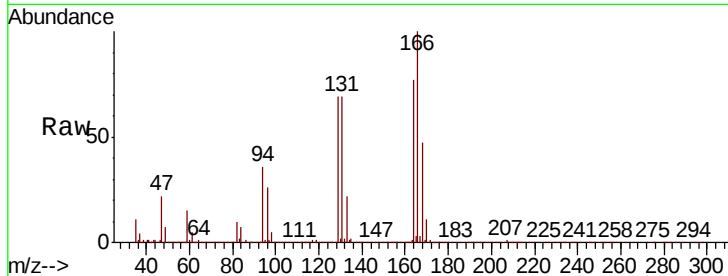
#61
Tetrachloroethene
Concen: 20.148 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.2	104.2	156.2
129	89.5	71.6	107.4
131	89.6	71.7	107.5

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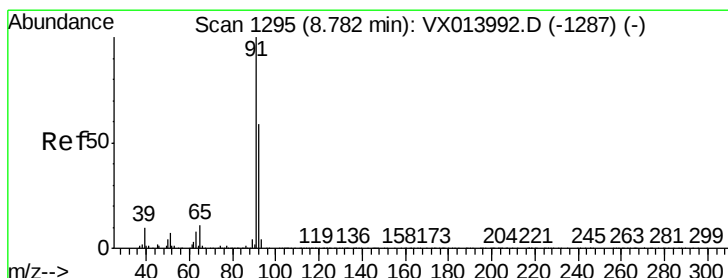
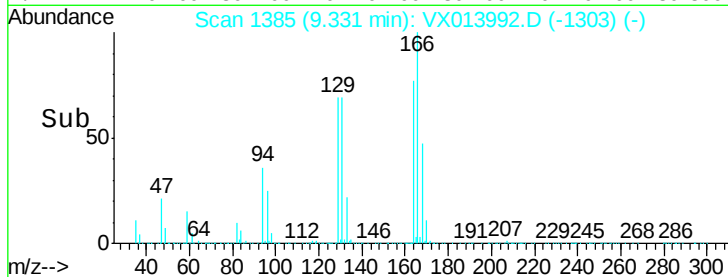
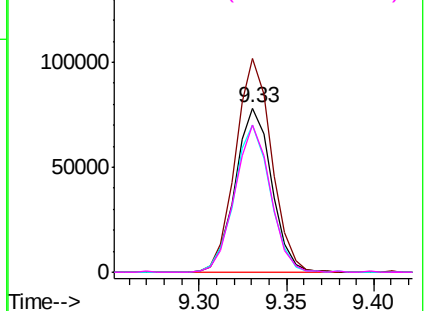
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

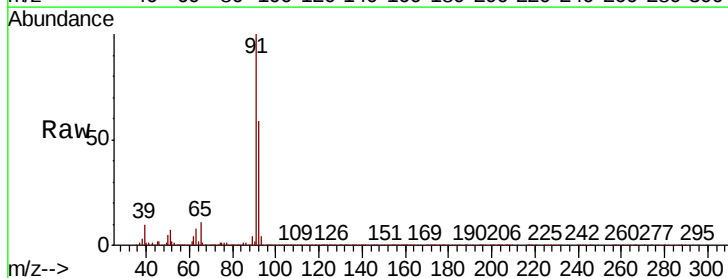
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62
Toluene
Concen: 19.054 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

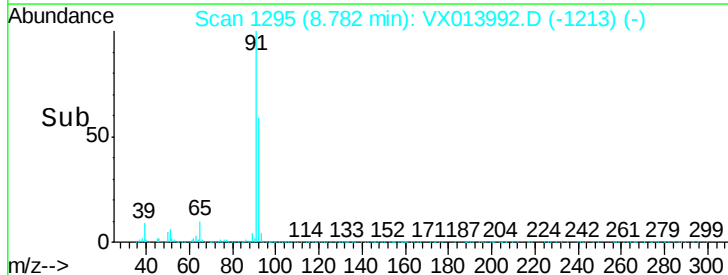
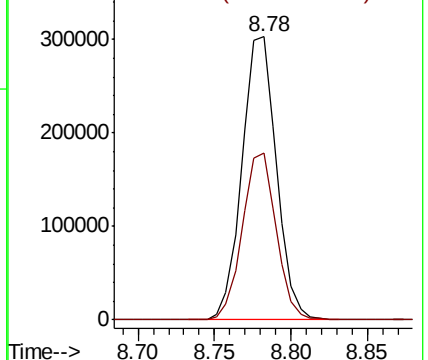
Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.0	46.4	69.6

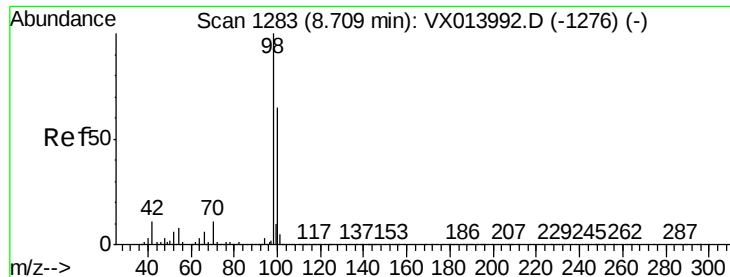


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.413 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 98 Resp: 617082

Ion Ratio Lower Upper

98 100

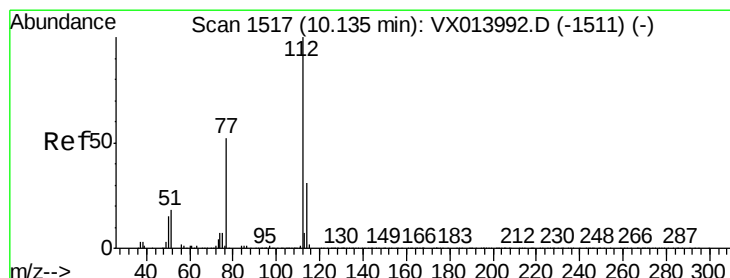
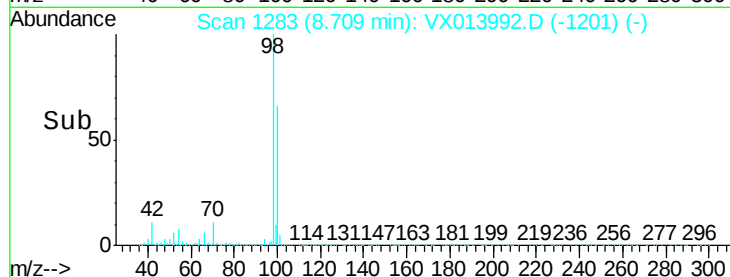
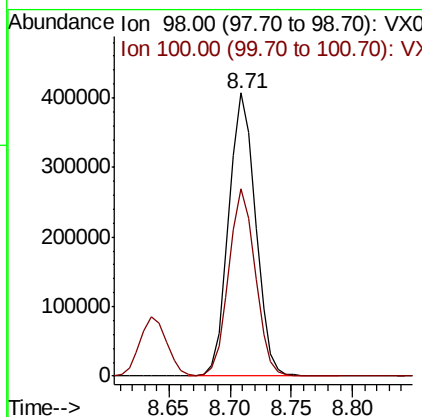
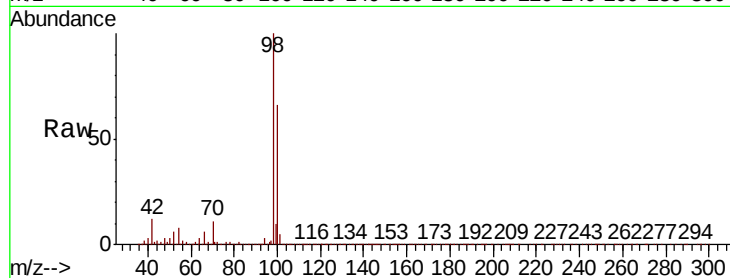
100 65.2 52.2 78.2

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#64

Chlorobenzene

Concen: 18.956 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013992.D

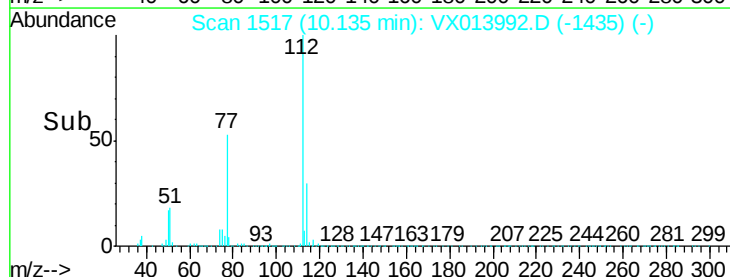
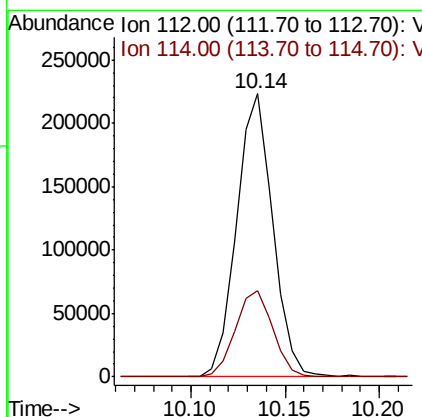
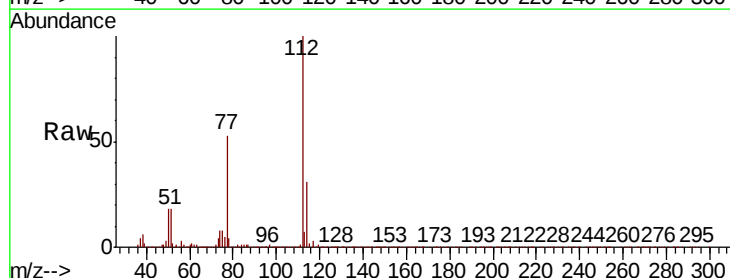
Acq: 12 Dec 2019 22:58

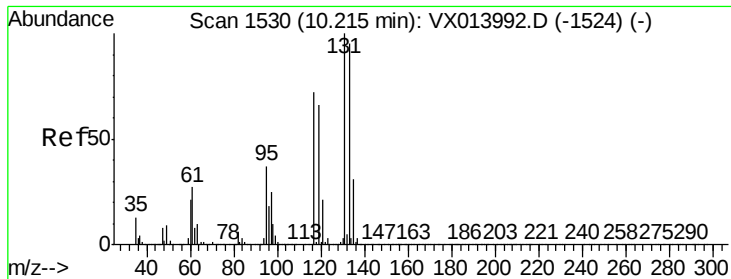
Tgt Ion: 112 Resp: 296089

Ion Ratio Lower Upper

112 100

114 30.5 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.261 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

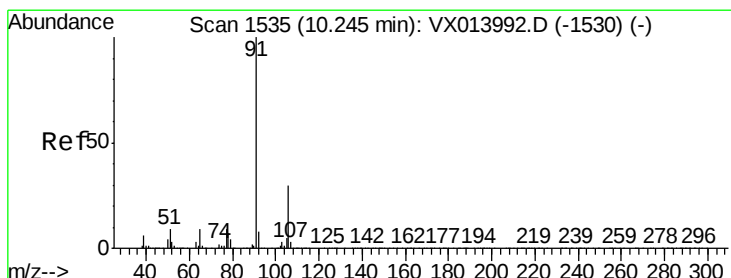
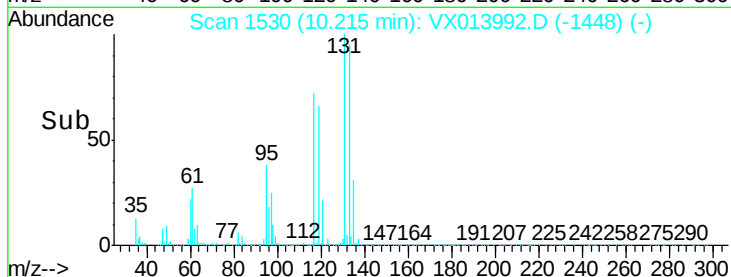
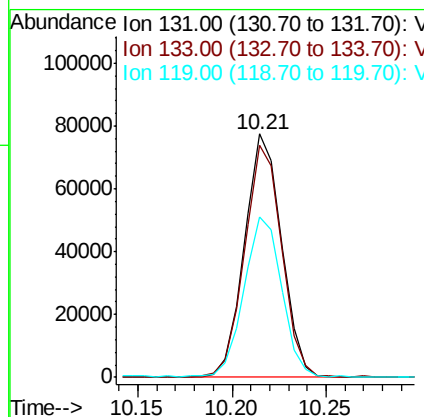
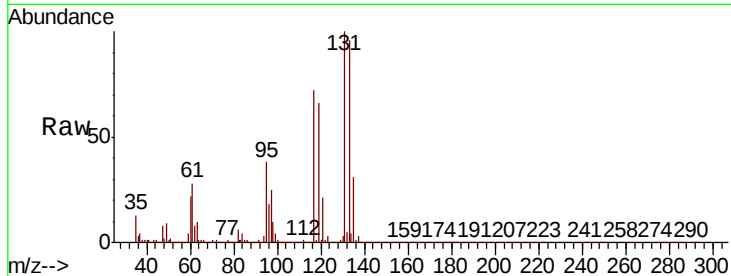
ClientSampleId :

VSTDICCC020

Tot Ion:	131	Resp:	105994
Ion Ratio	Lower	Upper	
131	100		
133	94.9	0.0	189.8
119	66.1	0.0	132.2

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#66

Ethyl Benzene

Concen: 18.814 ug/l

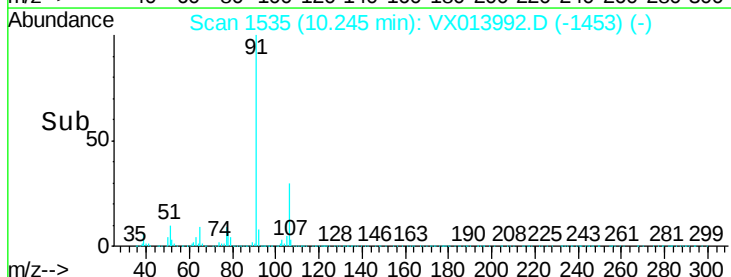
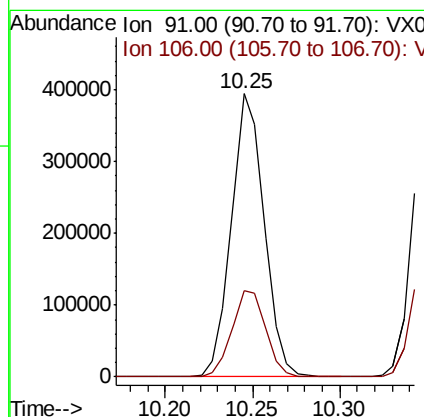
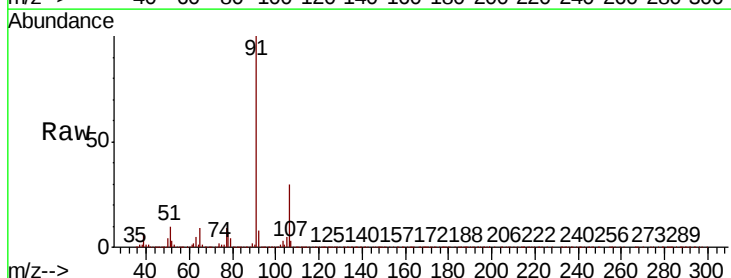
RT: 10.25 min Scan# 1535

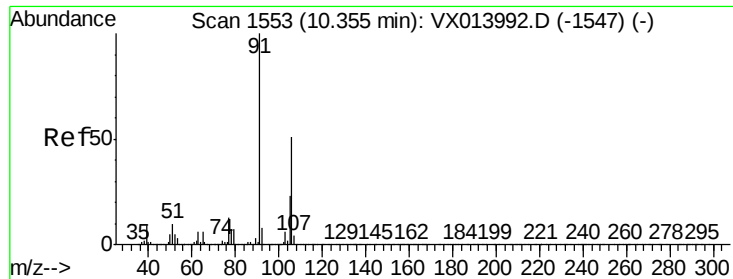
Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Tgt Ion:	91	Resp:	514254
Ion Ratio	Lower	Upper	
91	100		
106	30.2	24.2	36.2





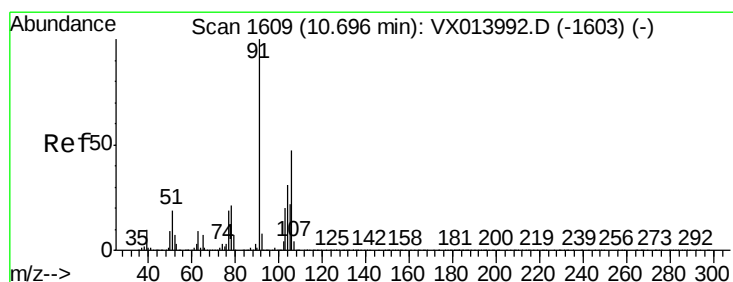
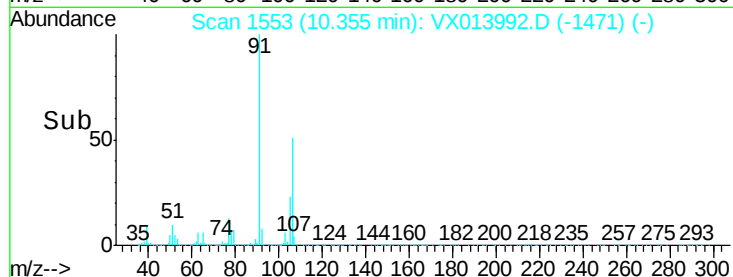
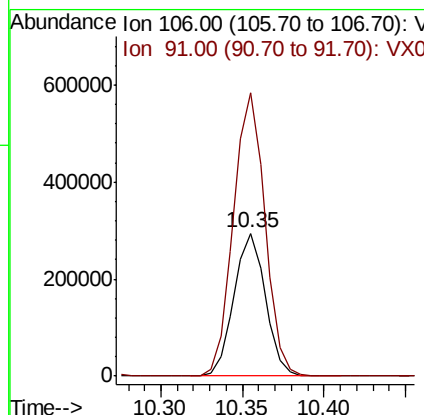
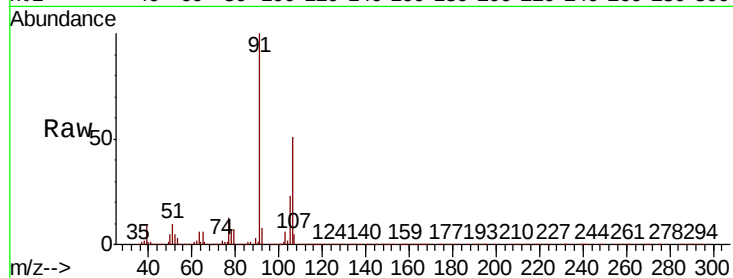
#67
m/p-Xvlenes
Concen: 37.446 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
106	100		
91	199.1	159.3	238.9

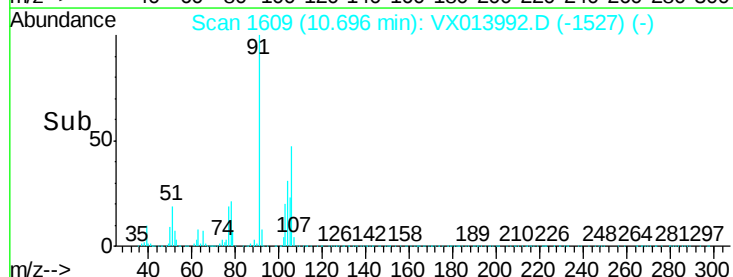
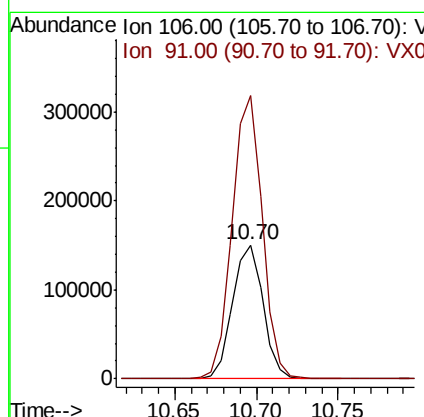
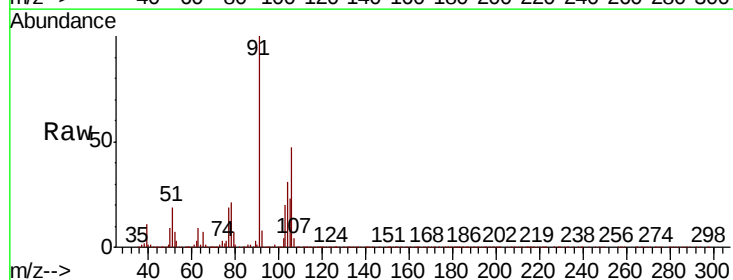
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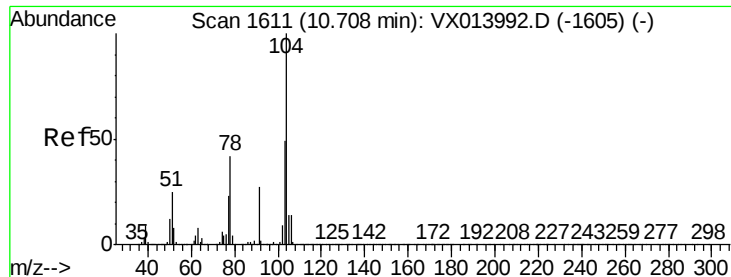
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#68
o-Xylene
Concen: 18.995 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.7	104.8	314.6





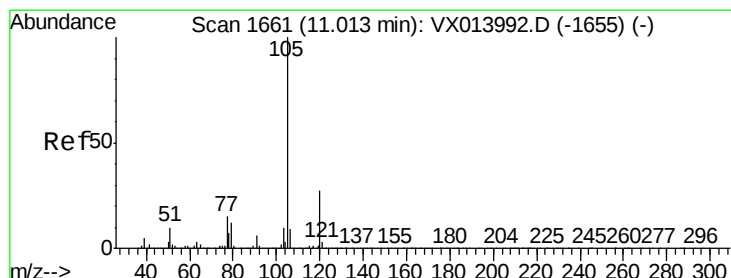
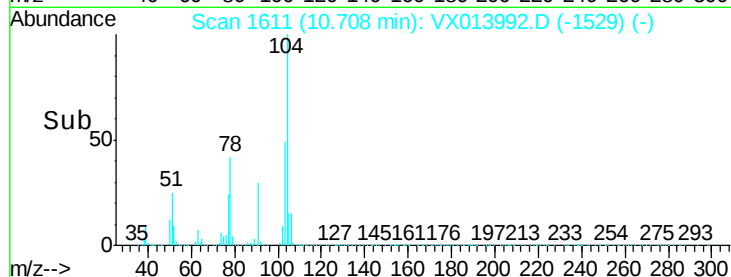
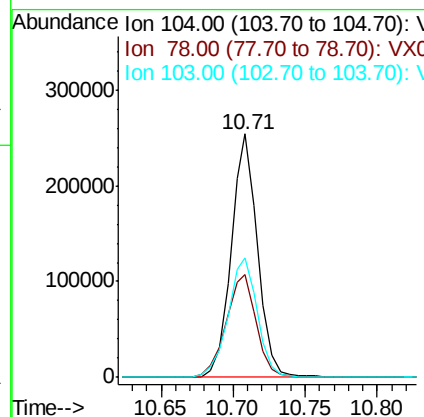
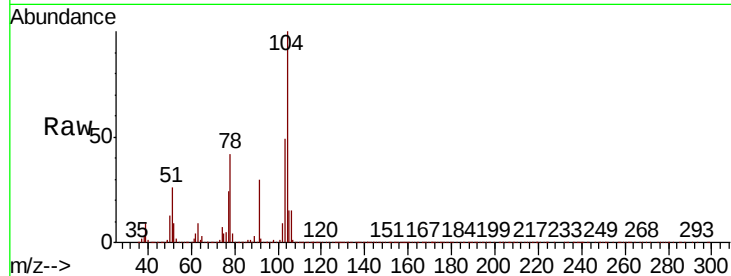
#69
Stvrene
Concen: 18.595 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.6	38.9	58.3
103	55.2	44.2	66.2

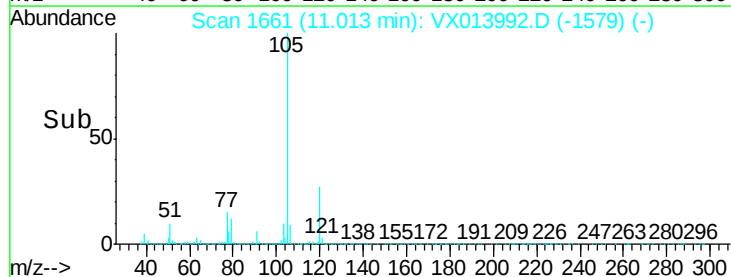
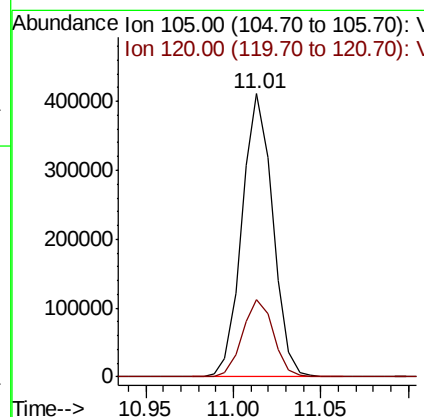
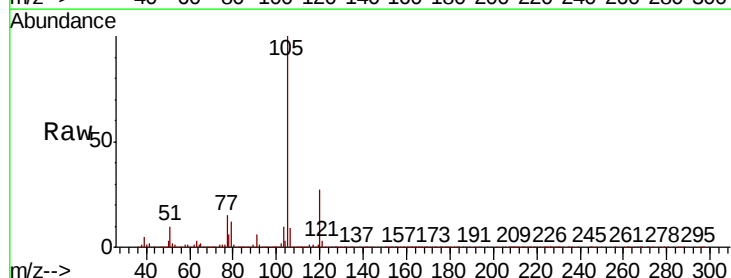
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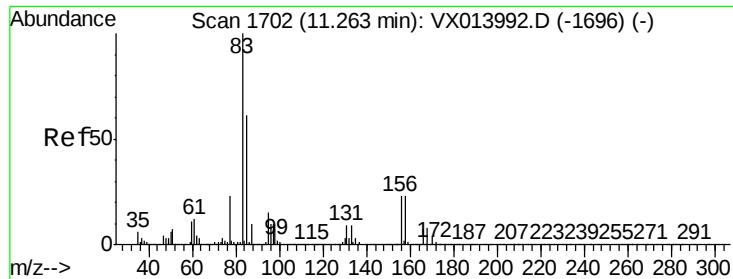
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#70
Isopropylbenzene
Concen: 18.785 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	19.1	35.5





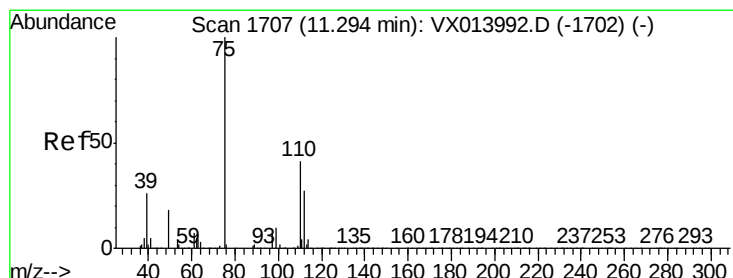
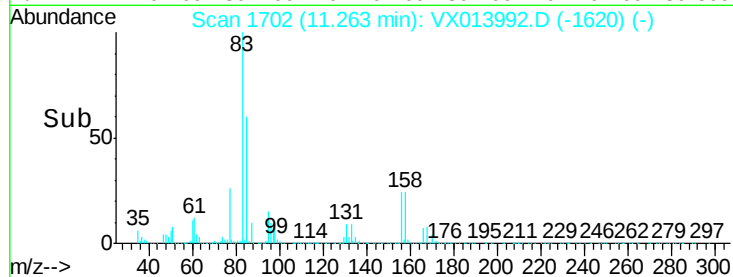
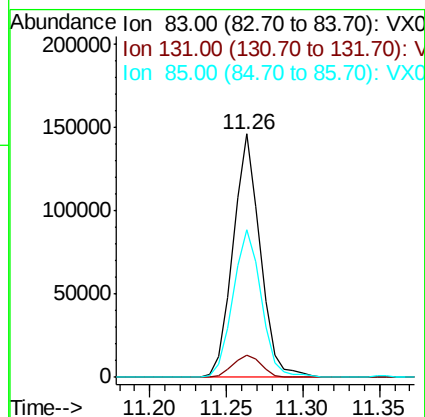
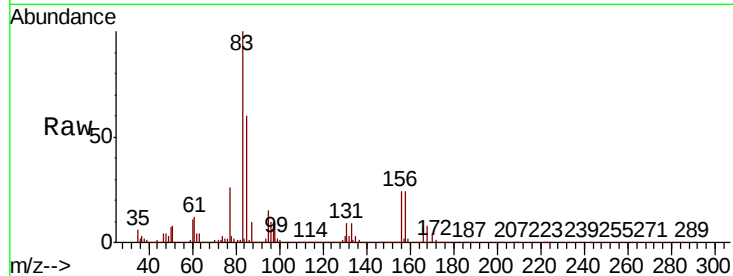
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.672 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013992.D
 Acq: 12 Dec 2019 22:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	63.1	31.6	94.7

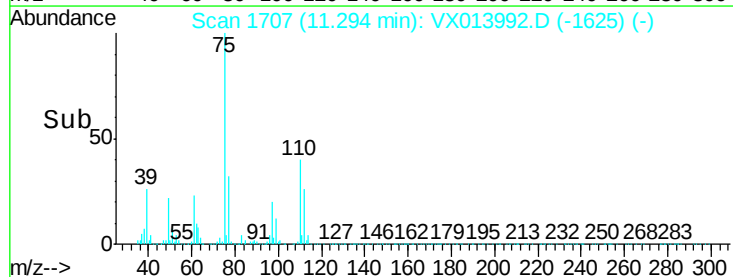
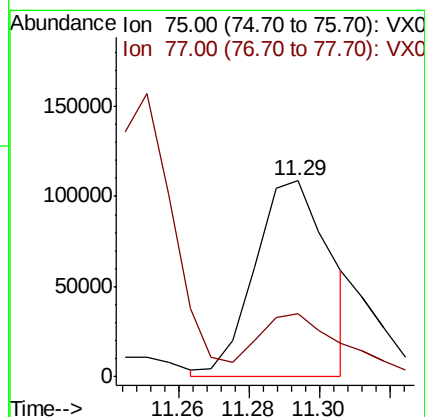
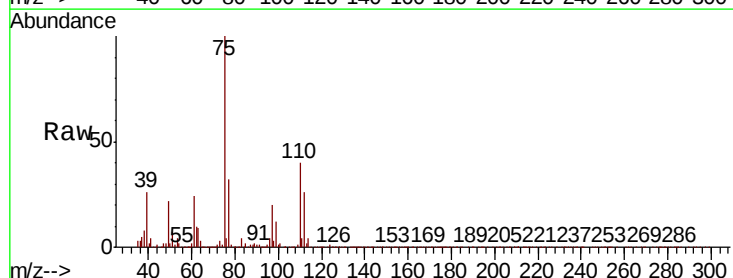
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#72
 1,2,3-Trichloropropane
 Concen: 19.336 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013992.D
 Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.2	0.0	68.4





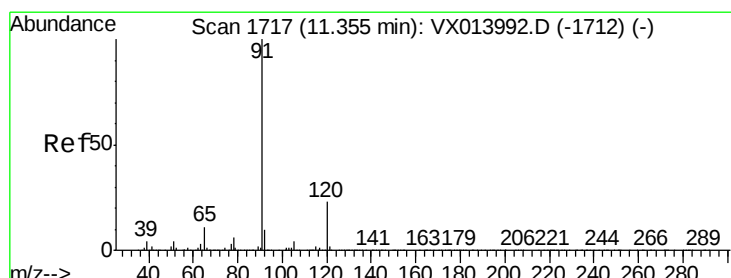
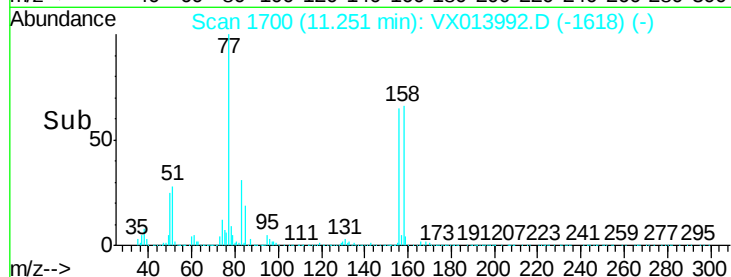
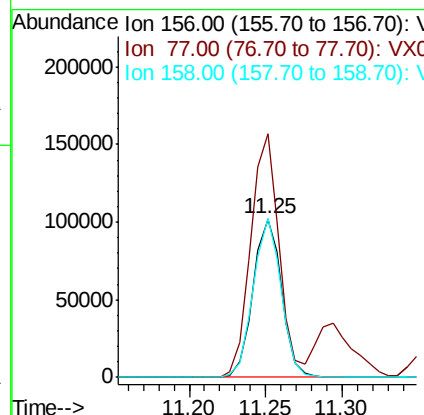
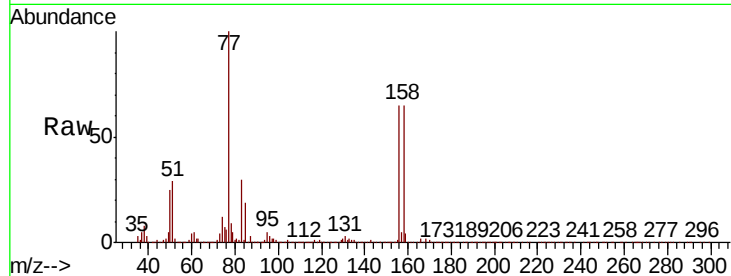
#73
Bromobenzene
Concen: 18.658 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	152.3	0.0	304.6		
158	97.6	0.0	195.2		

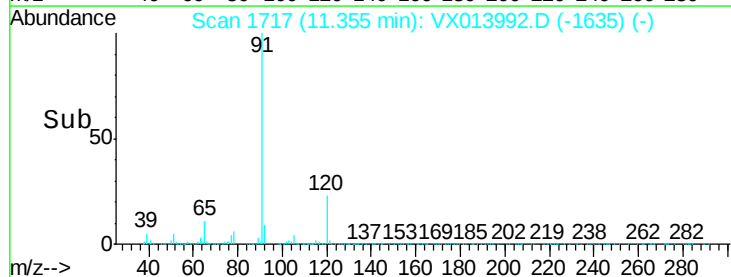
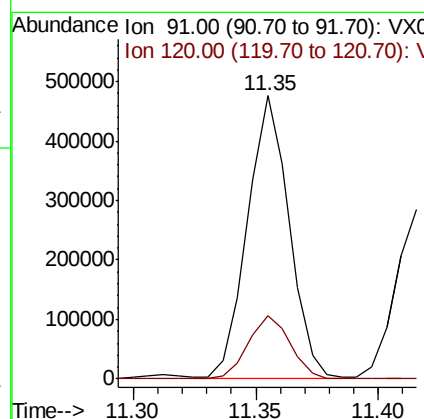
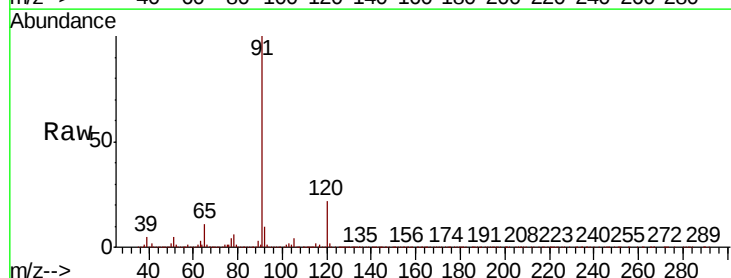
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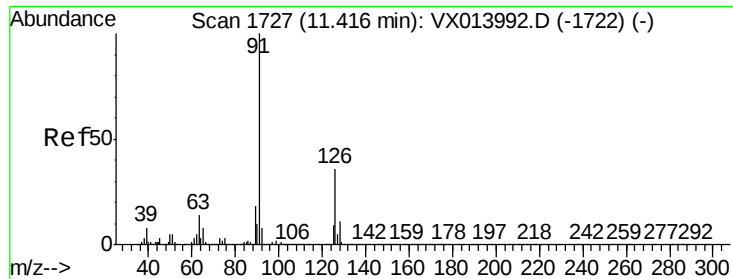
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#74
n-propylbenzene
Concen: 18.537 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	22.4	0.0	44.8		





#75

2-Chlorotoluene

Concen: 18.925 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 91 Resp: 344040

Ion Ratio Lower Upper

91 100

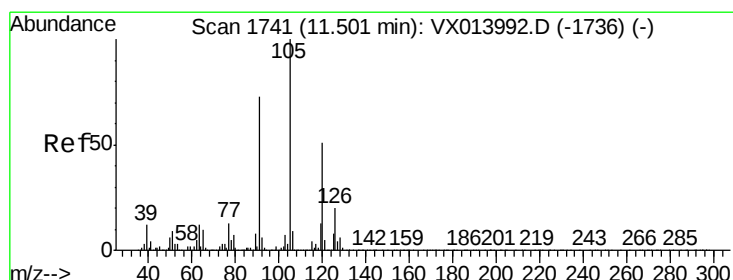
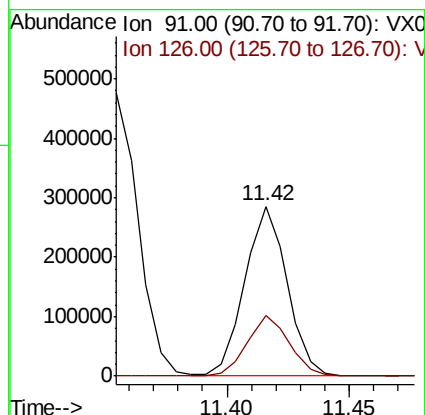
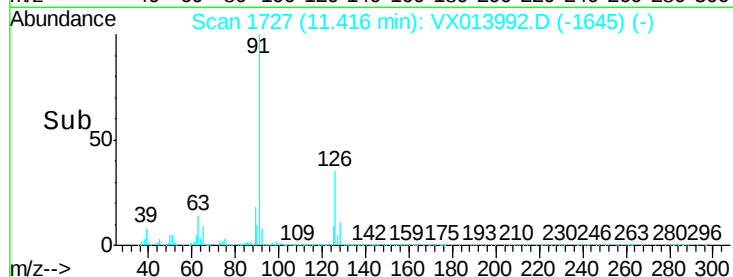
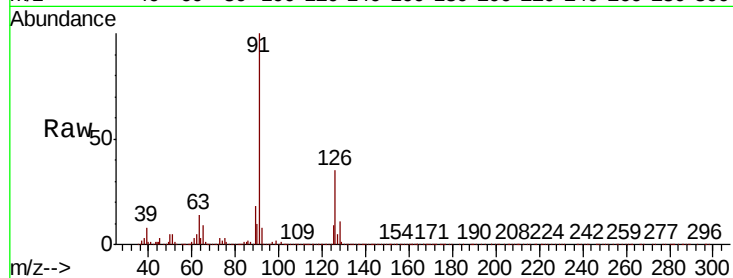
126 35.4 0.0 70.8

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#76

1,3,5-Trimethylbenzene

Concen: 18.741 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013992.D

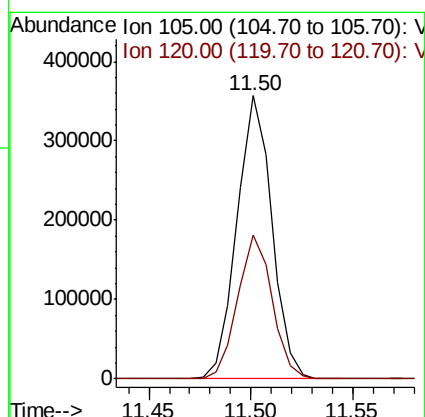
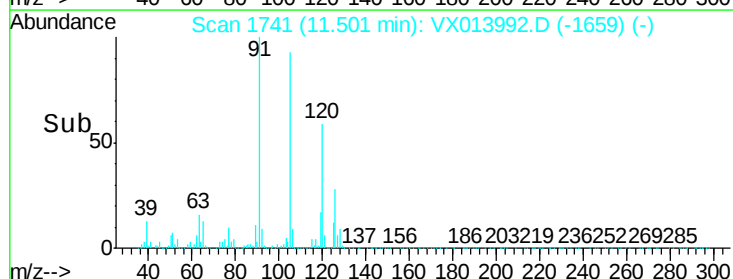
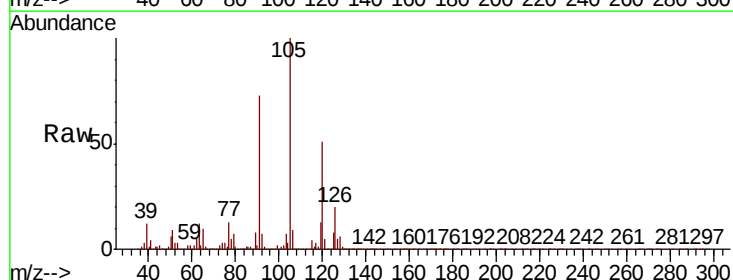
Acq: 12 Dec 2019 22:58

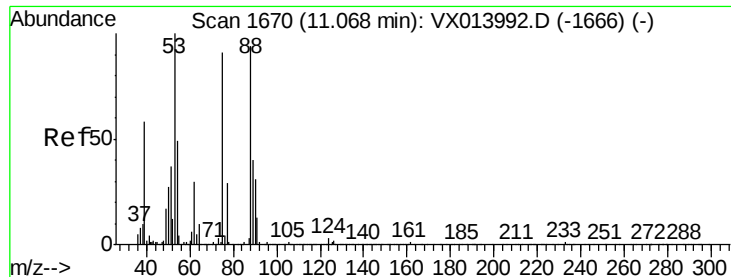
Tgt Ion: 105 Resp: 422850

Ion Ratio Lower Upper

105 100

120 50.3 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 14.751 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

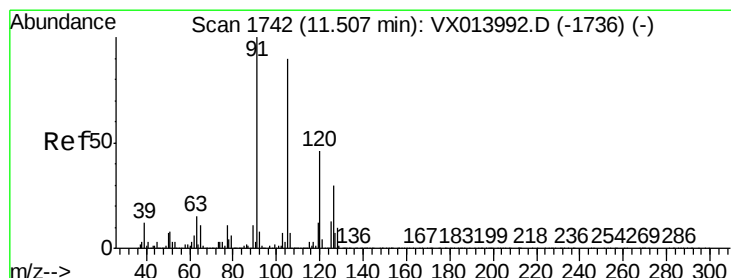
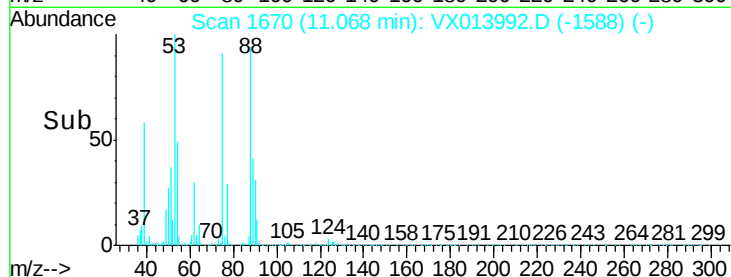
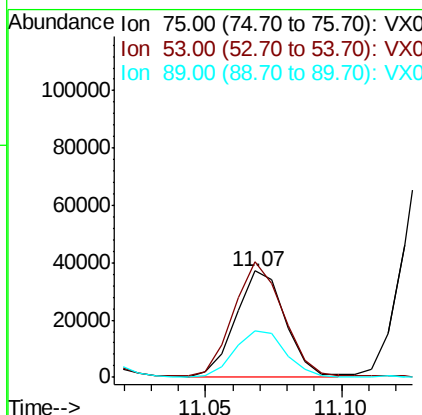
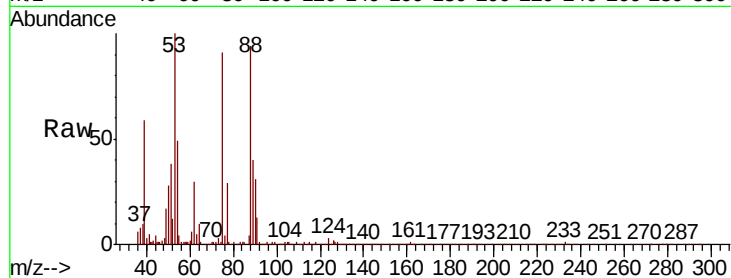
ClientSampleId :

VSTDICCC020

Tot Ion:	75	Resp:	46708
Ion	Ratio	Lower	Upper
75	100		
53	108.7	54.4	163.1
89	43.7	21.9	65.5

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#78

4-Chlorotoluene

Concen: 18.655 ug/l

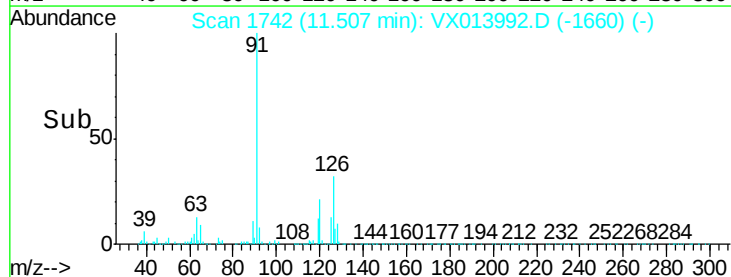
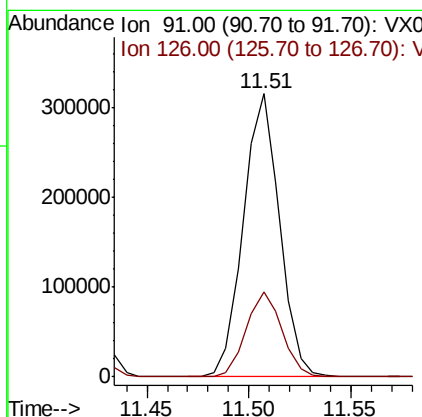
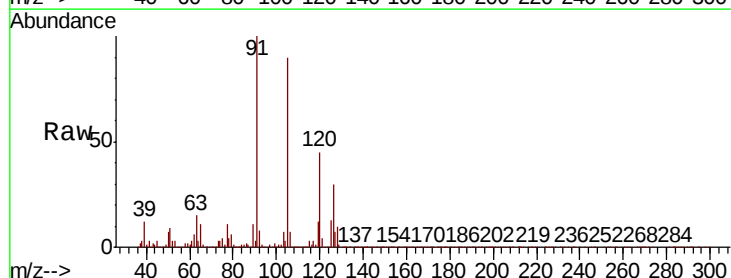
RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Tgt Ion:	91	Resp:	388768
Ion	Ratio	Lower	Upper
91	100		
126	29.8	0.0	59.6





#79

tert-butylbenzene

Concen: 18.091 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

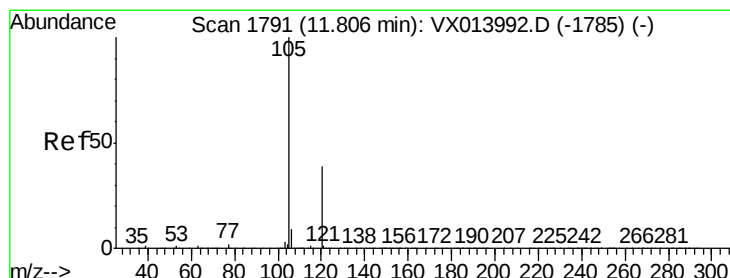
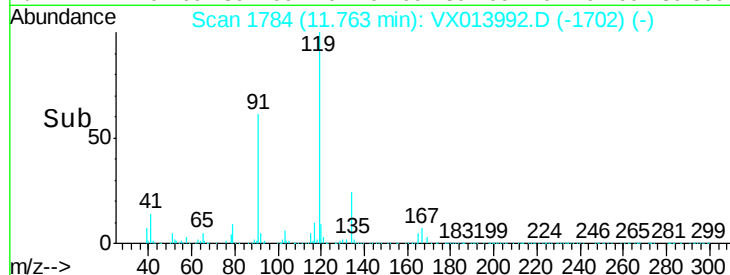
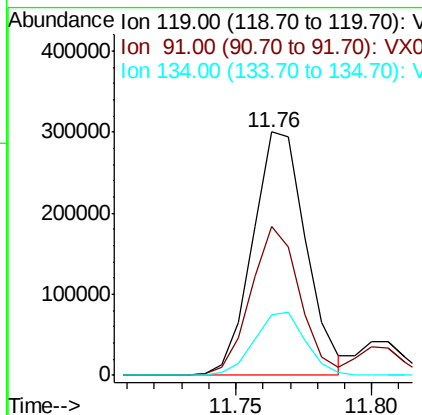
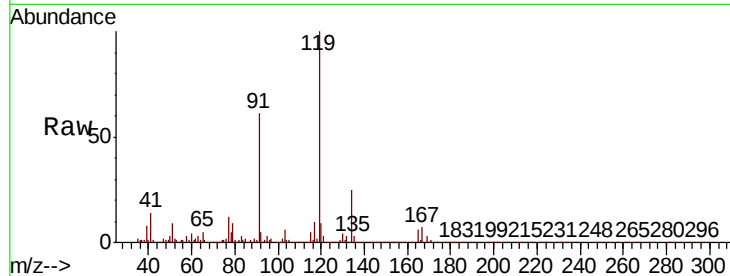
ClientSampleId :

VSTDICCC020

Tot Ion:	119	Resp:	408371
Ion Ratio	Lower	Upper	
119	100		
91	56.3	0.0	112.6
134	24.8	0.0	49.8

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#80

1,2,4-Trimethylbenzene

Concen: 18.783 ug/l

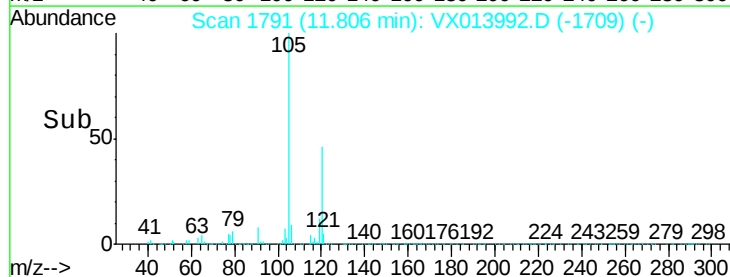
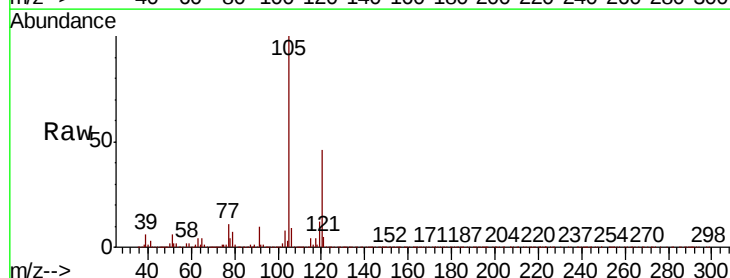
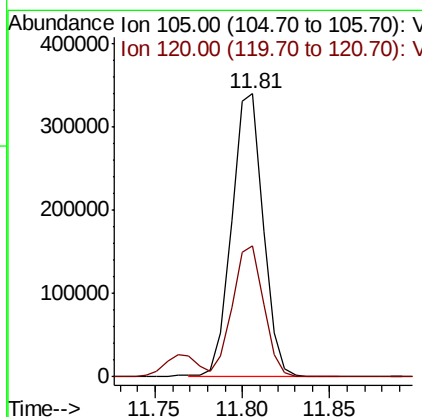
RT: 11.81 min Scan# 1791

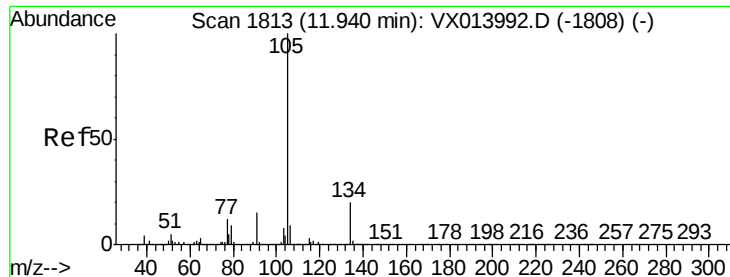
Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Tgt Ion:	105	Resp:	423129
Ion Ratio	Lower	Upper	
105	100		
120	46.0	0.0	92.0





#81

sec-Butylbenzene

Concen: 18.459 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:105 Resp: 479145

Ion Ratio Lower Upper

105 100

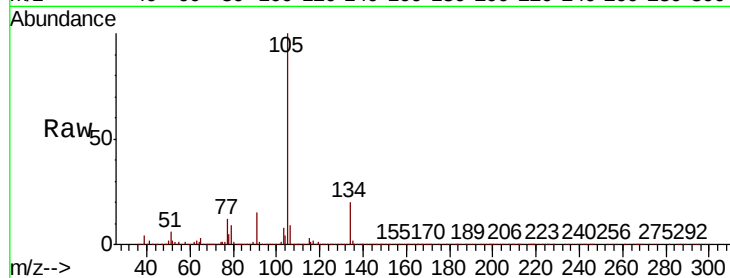
134 20.1 0.0 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

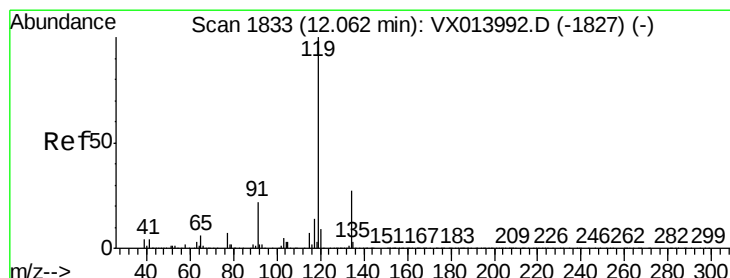
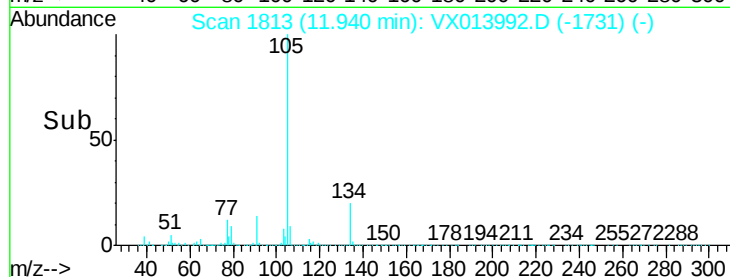
300000

200000

100000

0

Time-->



#82

p-Isopropyltoluene

Concen: 18.062 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

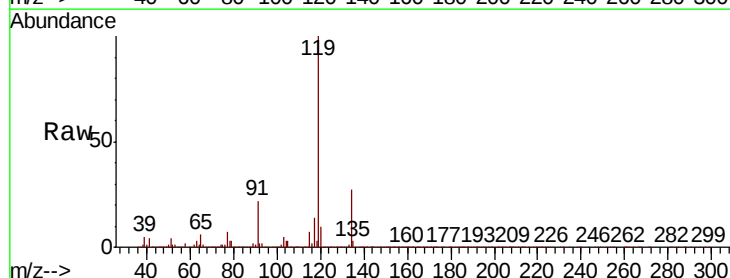
Tgt Ion:119 Resp: 429671

Ion Ratio Lower Upper

119 100

134 26.9 0.0 53.8

91 22.5 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

400000

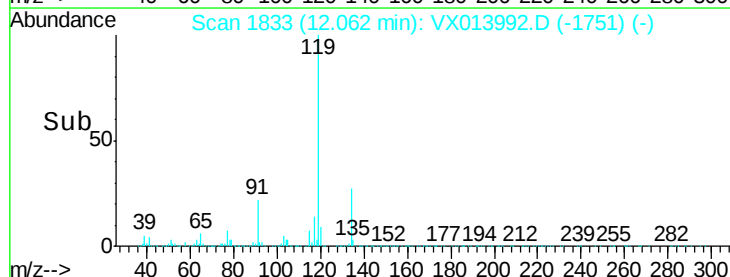
300000

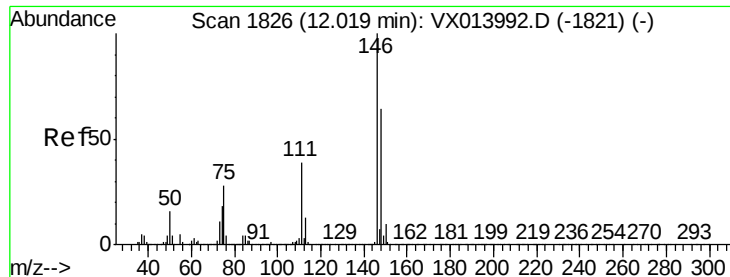
200000

100000

0

Time-->





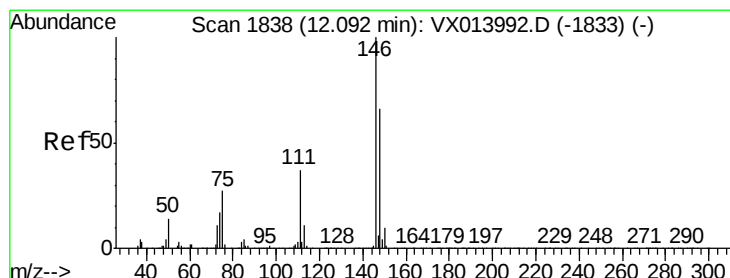
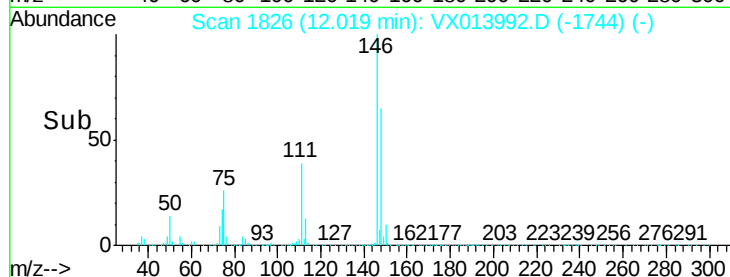
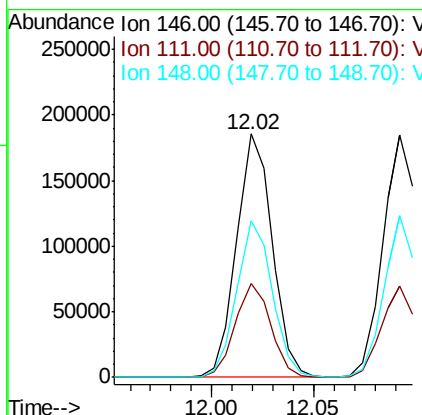
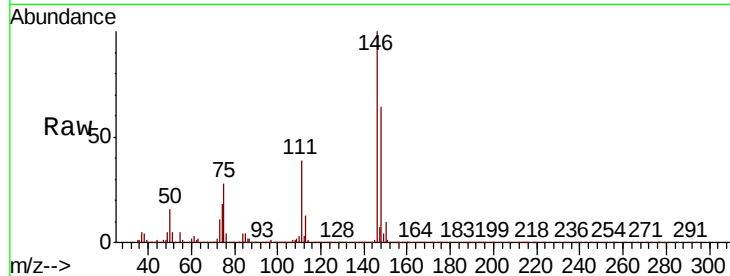
#83
1,3-Dichlorobenzene
Concen: 18.120 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	64.4	32.2	96.6

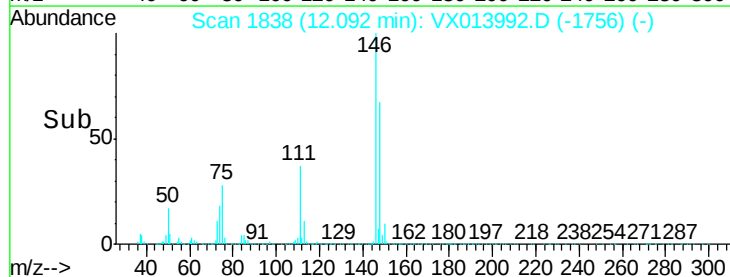
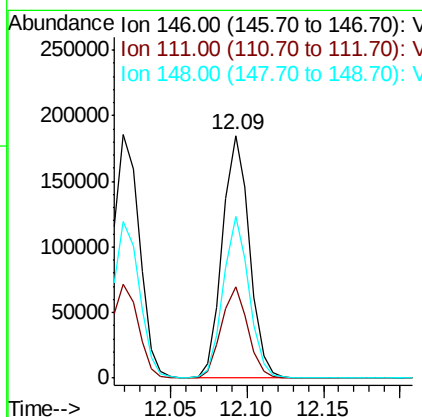
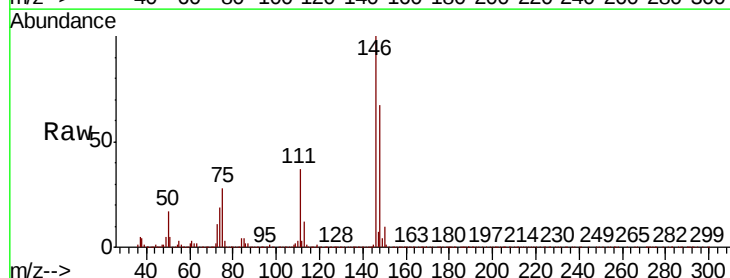
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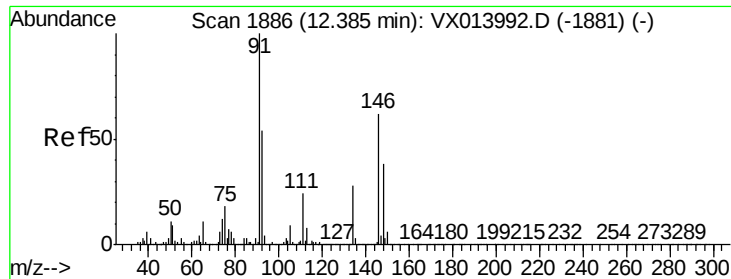
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#84
1,4-Dichlorobenzene
Concen: 18.268 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.4
148	64.0	32.0	96.0





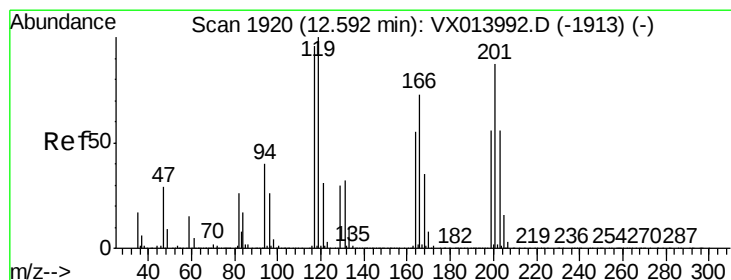
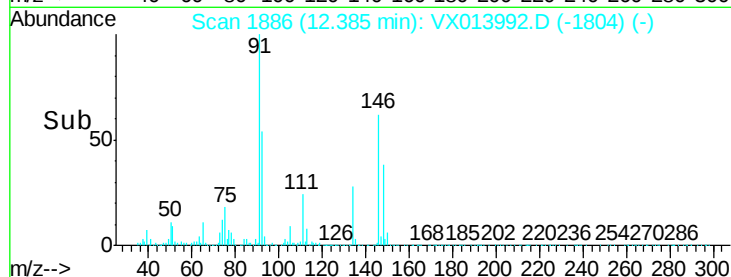
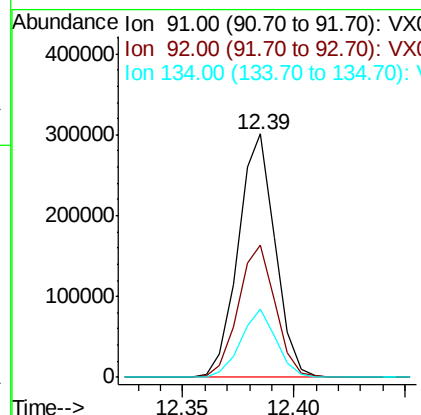
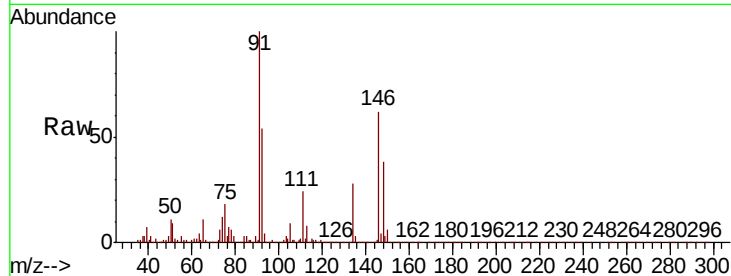
#85
n-Butylbenzene
Concen: 16.996 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	346618		
92	54.5	0.0	109.0	
134	27.0	0.0	54.0	

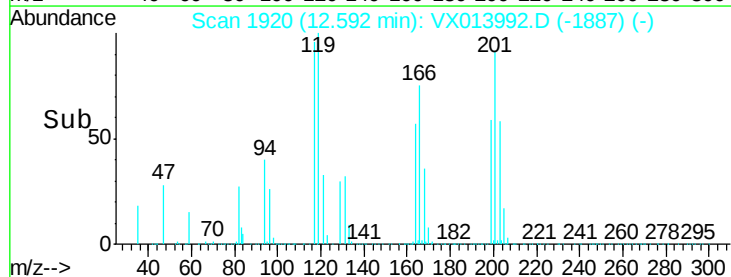
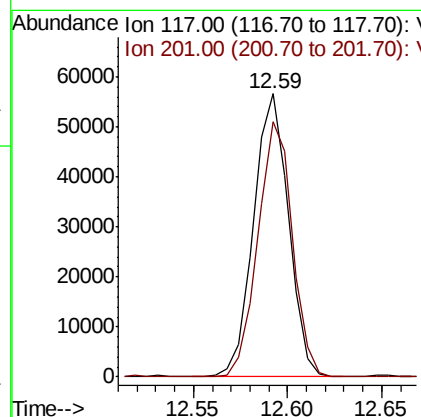
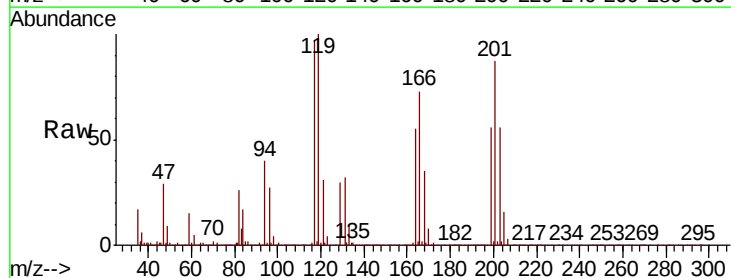
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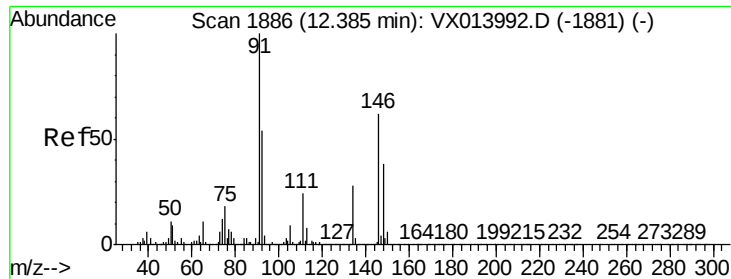
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#86
Hexachloroethane
Concen: 16.657 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	72332		
201	89.5	44.8	134.3	





#87

1,2-Dichlorobenzene

Concen: 18.416 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

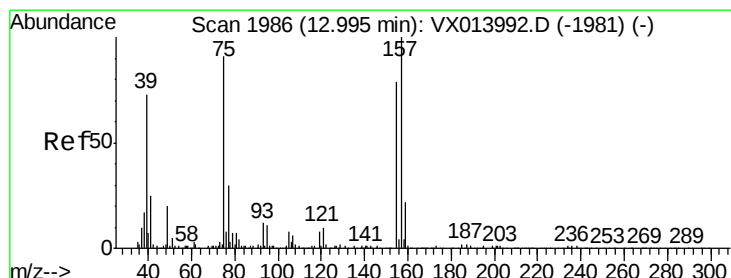
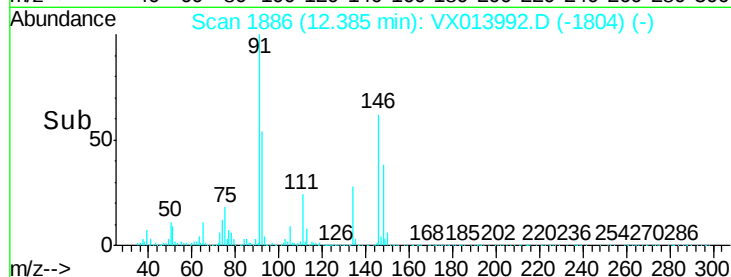
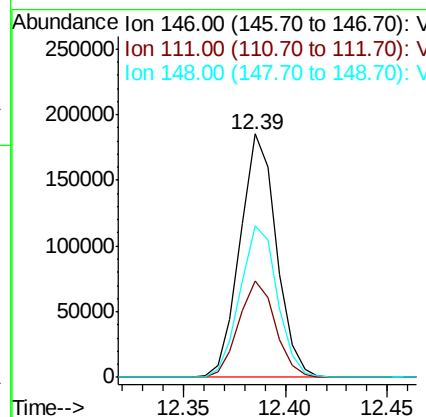
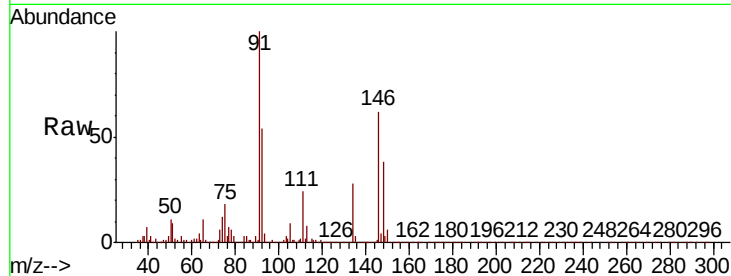
Instrument :
MSVOA_X

ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	64.1	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 16.414 ug/l

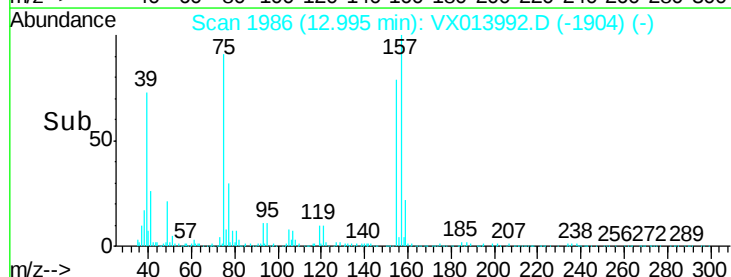
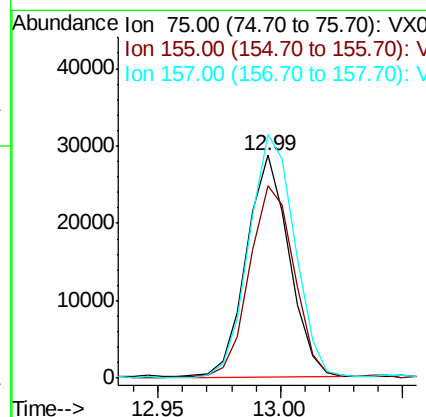
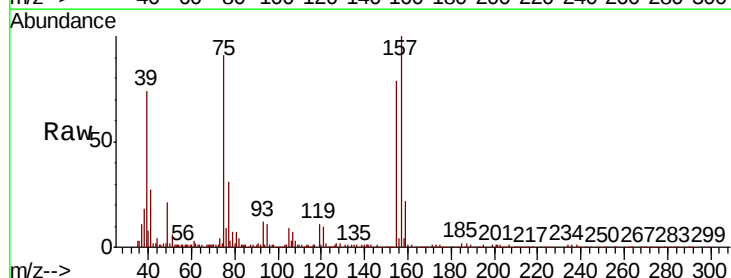
RT: 12.99 min Scan# 1886

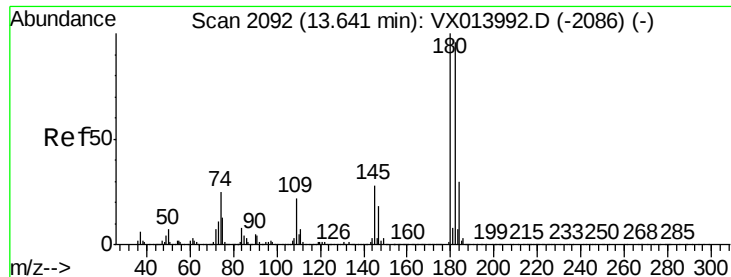
Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	73.8	110.6
157	118.7	95.0	142.4





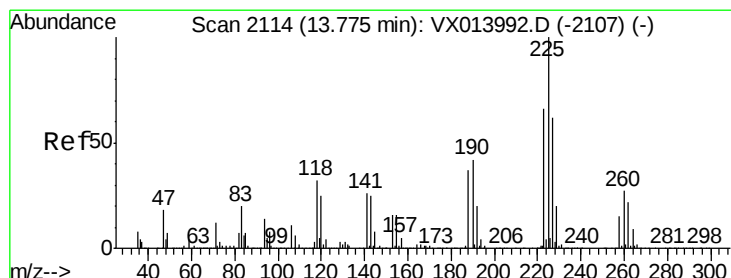
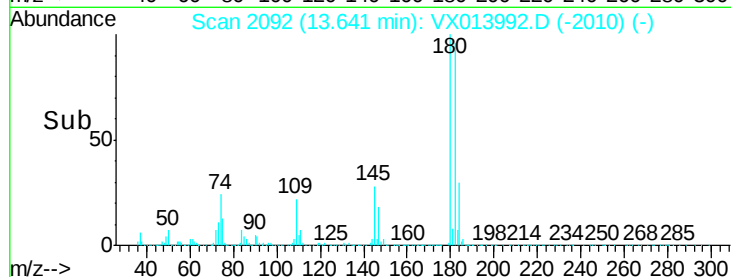
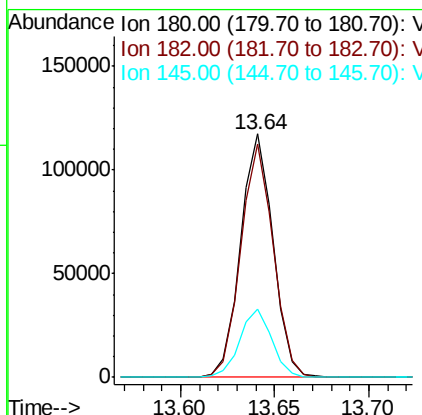
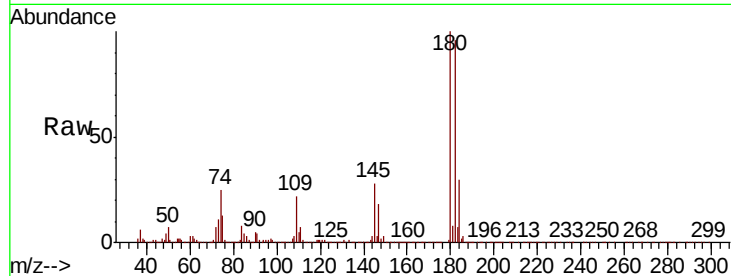
#89
1,2,4-Trichlorobenzene
Concen: 16.543 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	139660		
182	95.5	76.4	114.6	
145	27.4	21.9	32.9	

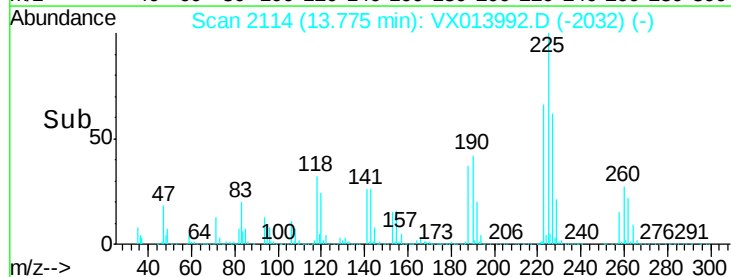
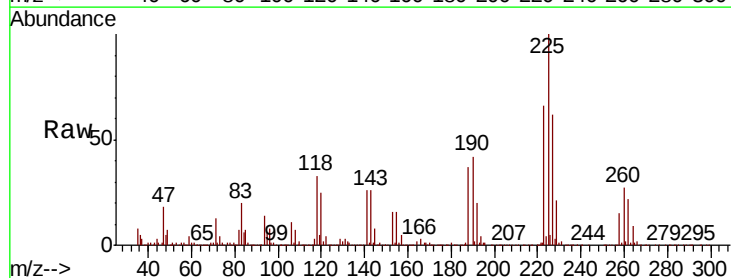
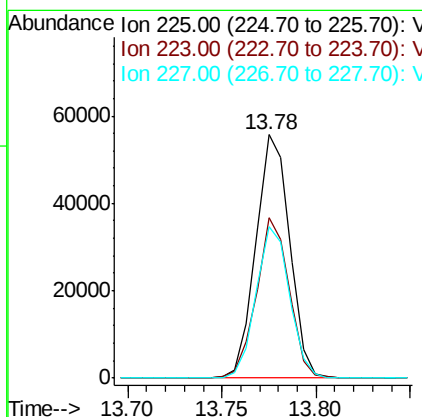
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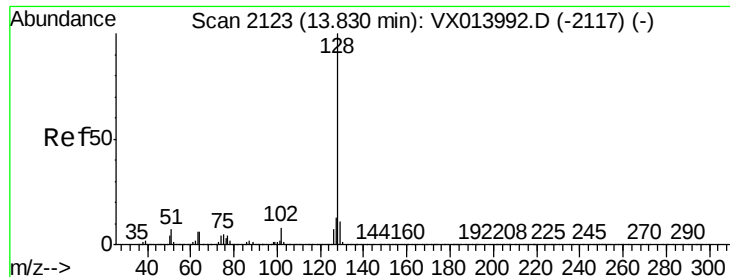
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#90
Hexachlorobutadiene
Concen: 17.108 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69514		
223	63.7	0.0	127.4	
227	61.4	0.0	122.8	





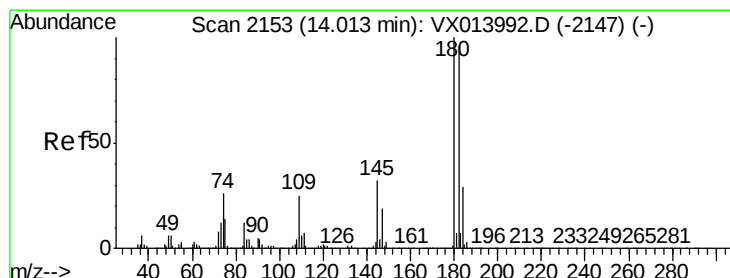
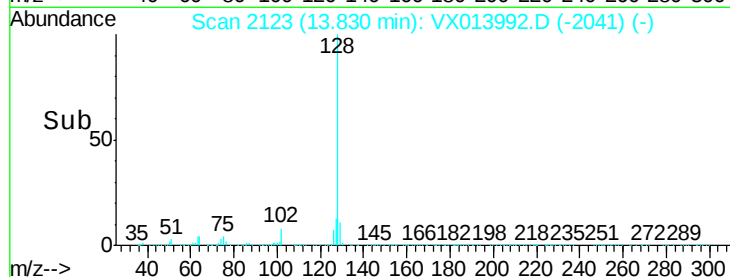
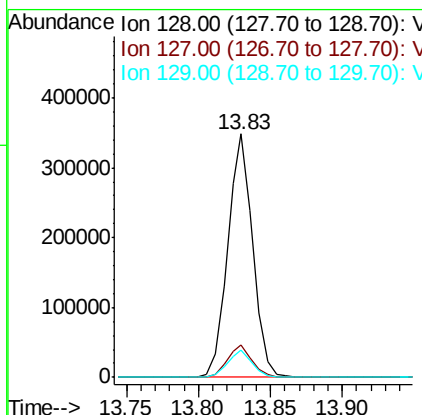
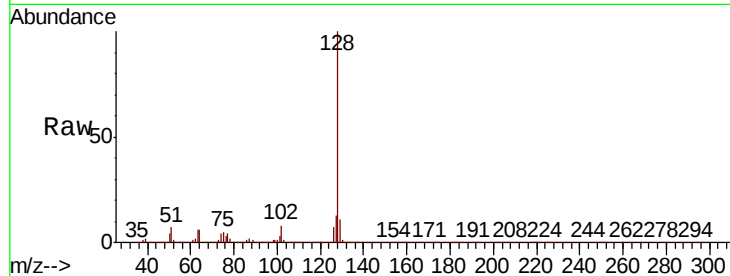
#91
Naphthalene
Concen: 16.007 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 16.682 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	0.0	192.8
145	30.0	0.0	60.0

