

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040620\
 Data File : VX015501.D
 Acq On : 06 Apr 2020 10:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/7/2020 11:58:52 AM

Quant Time: Apr 07 05:45:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1195577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1766897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1618472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	867303	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	748477	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
35) Dibromofluoromethane	5.46	113	548901	48.60	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	8.70	98	2042261	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.12	95	844241	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	534114	50.707	ug/l	99
3) Chloromethane	1.31	50	606048	45.180	ug/l	99
4) Vinyl Chloride	1.39	62	592458	48.101	ug/l	99
5) Bromomethane	1.62	94	268182	46.701	ug/l	99
6) Chloroethane	1.70	64	364237	47.681	ug/l	100
7) Trichlorofluoromethane	1.91	101	847230	51.291	ug/l	100
8) Diethyl Ether	2.17	74	323440	46.423	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	555413	51.579	ug/l	98
10) Methyl Iodide	2.49	142	641808	44.207	ug/l	98
11) Tert butyl alcohol	3.01	59	767243	190.096	ug/l	99
12) 1,1-Dichloroethene	2.36	96	538421	47.701	ug/l	100
13) Acrolein	2.27	56	527511	229.439	ug/l	99
14) Allyl chloride	2.70	41	1226520	46.504	ug/l	98
15) Acrylonitrile	3.11	53	1646096	213.859	ug/l	99
16) Acetone	2.42	43	1636780	225.936	ug/l	100
17) Carbon Disulfide	2.55	76	1590307	46.185	ug/l	99
18) Methyl Acetate	2.75	43	793678	42.925	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	2027683	46.318	ug/l	100
20) Methylene Chloride	2.83	84	610013	45.081	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	587052	46.863	ug/l	97
22) Diisopropyl ether	3.83	45	2218785	47.476	ug/l	88
23) Vinyl Acetate	3.78	43	9715070	229.595	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1141728	46.399	ug/l	99
25) 2-Butanone	4.63	43	2464006	211.492	ug/l	99
26) 2,2-Dichloropropane	4.55	77	1073966	53.173	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	678430	46.811	ug/l	97
28) Bromochloromethane	4.98	49	531038	45.201	ug/l	100
29) Tetrahydrofuran	5.09	42	1535169	204.967	ug/l	100
30) Chloroform	5.17	83	1113661	47.042	ug/l	98
31) Cyclohexane	5.55	56	1070962	50.171	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	1038828	48.487	ug/l	99
36) 1,1-Dichloropropene	5.77	75	857483	52.671	ug/l	100
37) Ethyl Acetate	4.79	43	968219	45.676	ug/l	100
38) Carbon Tetrachloride	5.75	117	929516	52.715	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1057230	56.323	ug/l	99
40) Benzene	6.11	78	2423126	50.811	ug/l	97
41) Methacrylonitrile	5.00	41	560984	47.673	ug/l	99
42) 1,2-Dichloroethane	6.16	62	970271	50.652	ug/l	100
43) Isopropyl Acetate	6.41	43	1706654	47.693	ug/l	100
44) Trichloroethene	7.18	130	687757	52.881	ug/l	98
45) 1,2-Dichloropropane	7.49	63	656395	50.315	ug/l	98
46) Dibromomethane	7.64	93	426782	49.871	ug/l	99
47) Bromodichloromethane	7.87	83	937969	51.439	ug/l	97
48) Methyl methacrylate	7.75	41	849466	47.526	ug/l	99
49) 1,4-Dioxane	7.71	88	314839	944.235	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4744500	233.956	ug/l	100
52) Toluene	8.76	92	1551635	52.775	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	1089320	50.936	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1133227	52.018	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	609936	50.635	ug/l	98
56) Ethyl methacrylate	9.16	69	1050035	49.462	ug/l	100
57) 1,3-Dichloropropane	9.35	76	1065881	49.113	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2569918	248.879	ug/l	99
59) 2-Hexanone	9.47	43	3768140	246.113	ug/l	100
60) Dibromochloromethane	9.57	129	734985	50.777	ug/l	99
61) 1,2-Dibromoethane	9.65	107	657393	50.191	ug/l	99
64) Tetrachloroethene	9.32	164	672098	55.026	ug/l	98
65) Chlorobenzene	10.12	112	1694583	52.501	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	660150	51.195	ug/l	99
67) Ethyl Benzene	10.23	91	3040937	53.120	ug/l	99
68) m/p-Xylenes	10.34	106	2266746	106.336	ug/l	100
69) o-Xylene	10.68	106	1097360	52.095	ug/l	97
70) Styrene	10.70	104	1924618	51.923	ug/l	100
71) Bromoform	10.84	173	588440	50.128	ug/l #	98
73) Isopropylbenzene	11.00	105	2944564	51.816	ug/l	98
74) N-amyl acetate	10.88	43	1508030	47.713	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	913411	46.842	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	884559m	49.596	ug/l	
77) Bromobenzene	11.24	156	797970	52.643	ug/l	95
78) n-propylbenzene	11.34	91	3496361	53.806	ug/l	100
79) 2-Chlorotoluene	11.41	91	2067169	51.902	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2591116	53.389	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	363827	48.947	ug/l #	93
82) 4-Chlorotoluene	11.49	91	2465403	52.802	ug/l	99
83) tert-Butylbenzene	11.76	119	2541003	53.601	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2592610	52.422	ug/l	100
85) sec-Butylbenzene	11.93	105	3004953	54.808	ug/l	99
86) p-Isopropyltoluene	12.05	119	2834920	55.698	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1414843	52.139	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	1432531	51.827	ug/l	99
89) n-Butylbenzene	12.37	91	2594477	56.407	ug/l	99
90) Hexachloroethane	12.58	117	517202	52.207	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1393618	52.478	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	238981	43.422	ug/l	98

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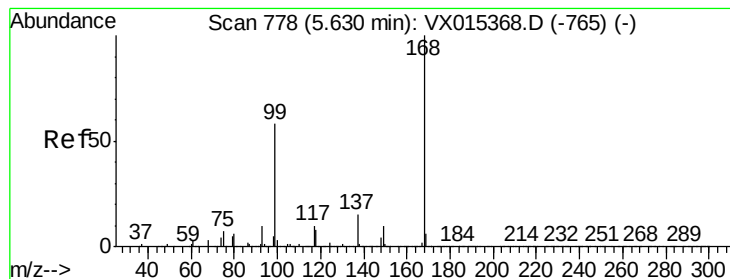
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1135754	54.069	ug/l	99
94) Hexachlorobutadiene	13.77	225	558987	55.893	ug/l	97
95) Naphthalene	13.82	128	3217833	50.220	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1122868	55.521	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 1195577

Ion Ratio Lower Upper

168 100

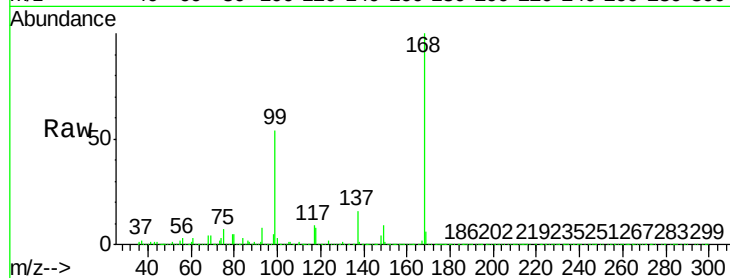
99 53.4 46.4 69.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

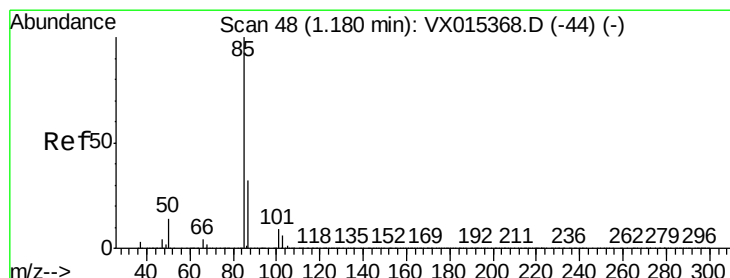
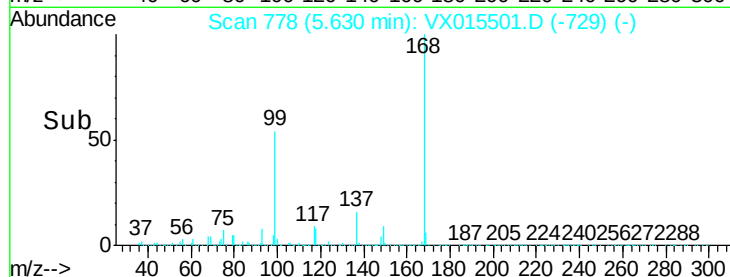
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.707 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015501.D

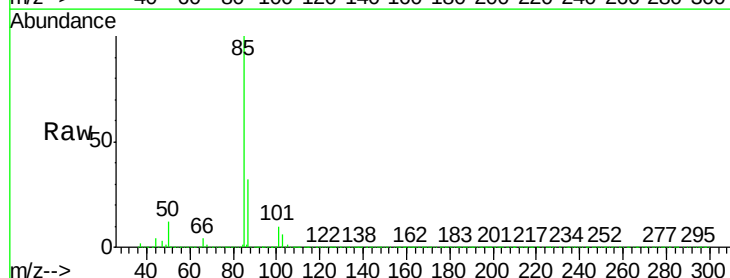
Acq: 06 Apr 2020 10:24

Tgt Ion: 85 Resp: 534114

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

600000

500000

400000

300000

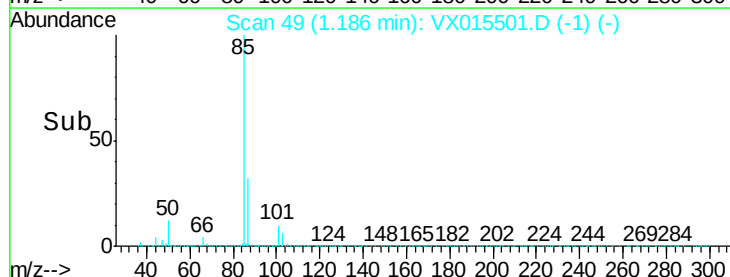
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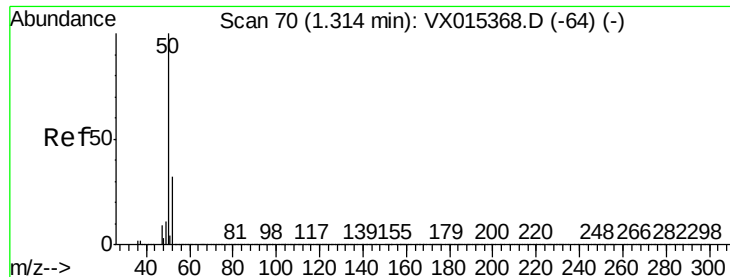
100000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 45.180 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 606048

Ion Ratio Lower Upper

50 100

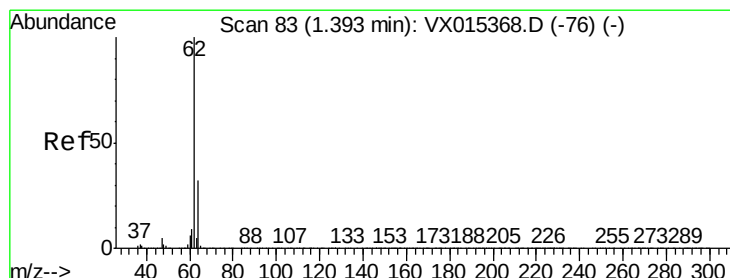
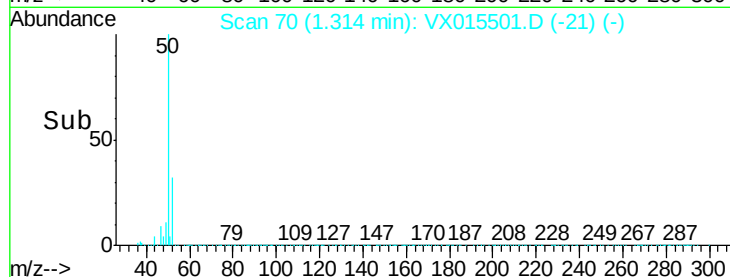
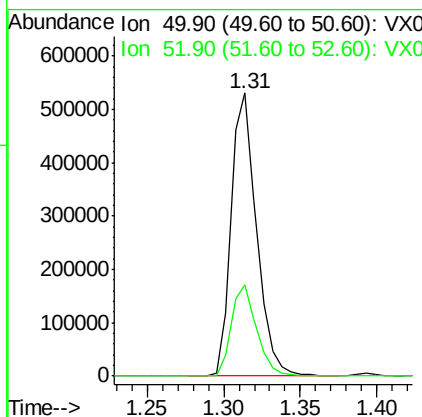
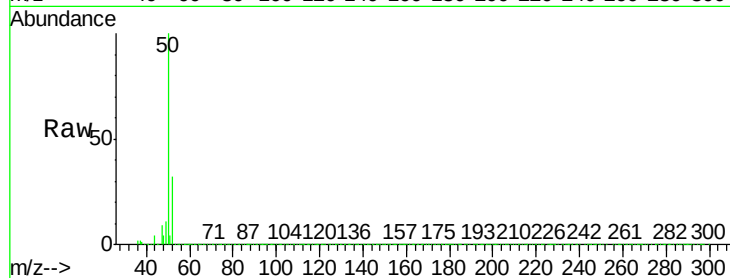
52 32.3 25.3 37.9

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#4

Vinyl Chloride

Concen: 48.101 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015501.D

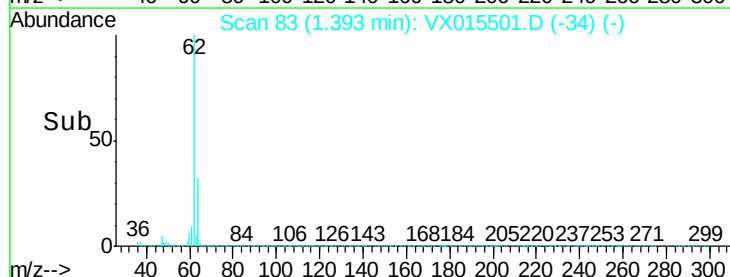
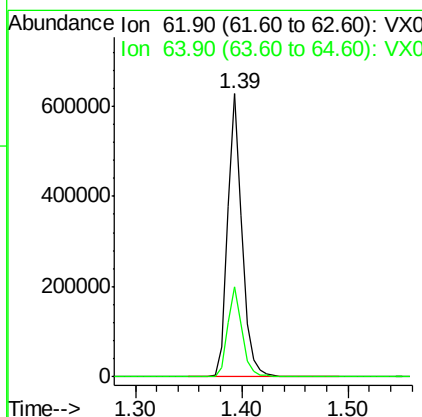
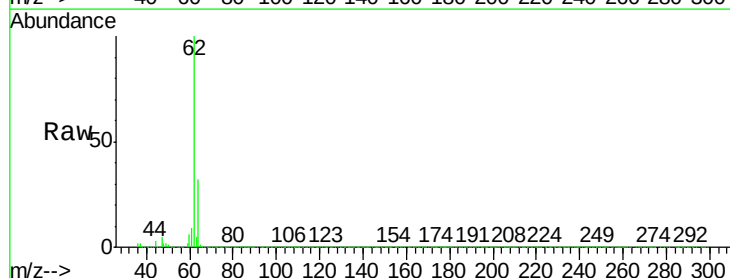
Acq: 06 Apr 2020 10:24

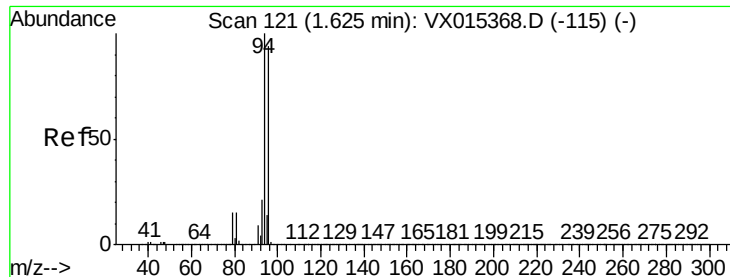
Tgt Ion: 62 Resp: 592458

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0





#5

Bromomethane

Concen: 46.701 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 268182

Ion Ratio Lower Upper

94 100

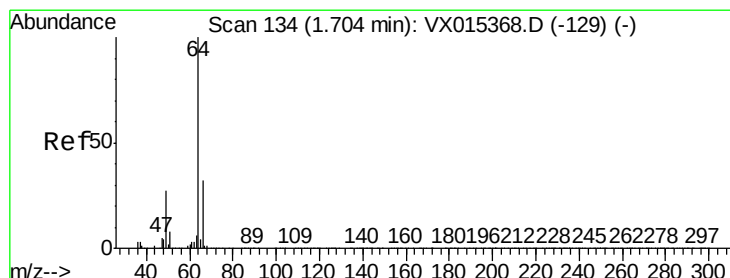
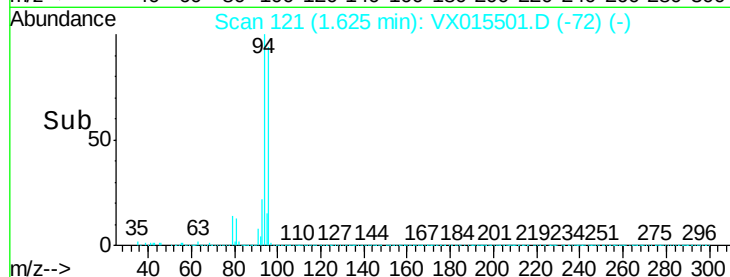
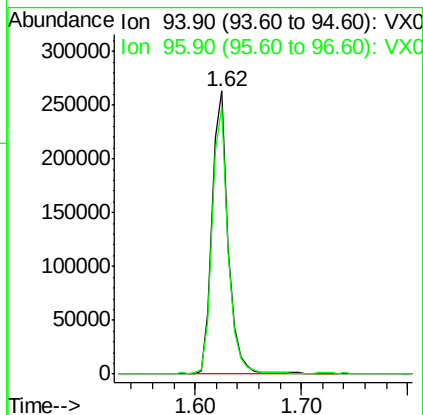
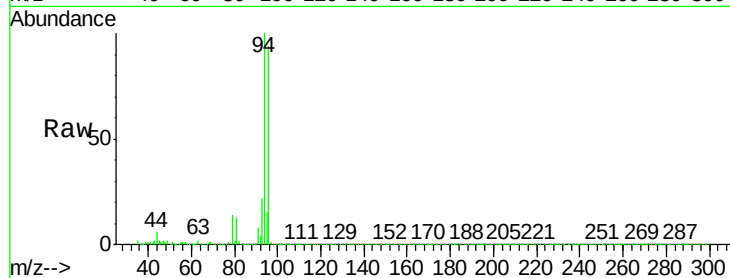
96 94.1 74.8 112.2

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#6

Chloroethane

Concen: 47.681 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX015501.D

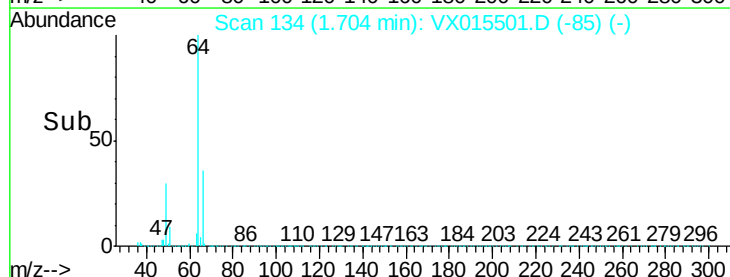
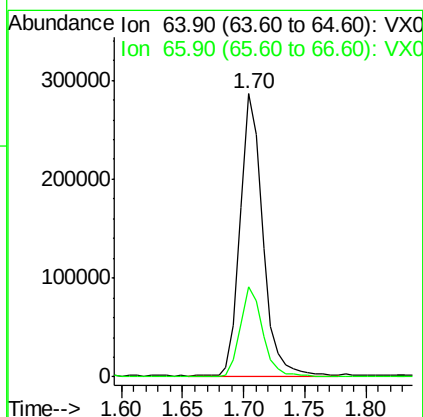
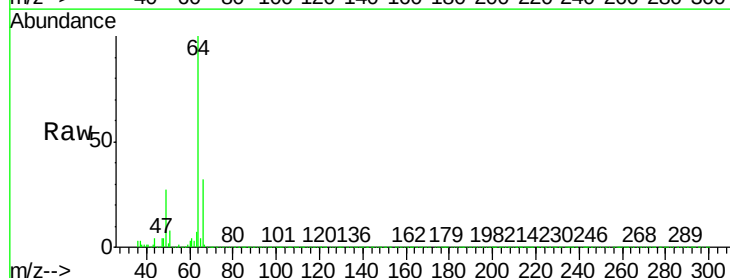
Acq: 06 Apr 2020 10:24

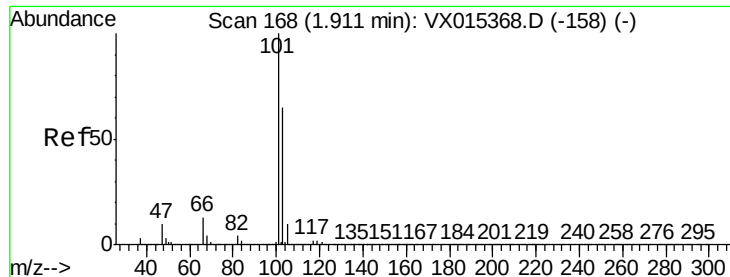
Tgt Ion: 64 Resp: 364237

Ion Ratio Lower Upper

64 100

66 31.7 25.4 38.2





#7

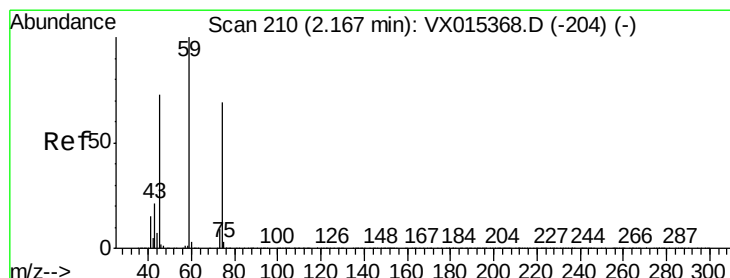
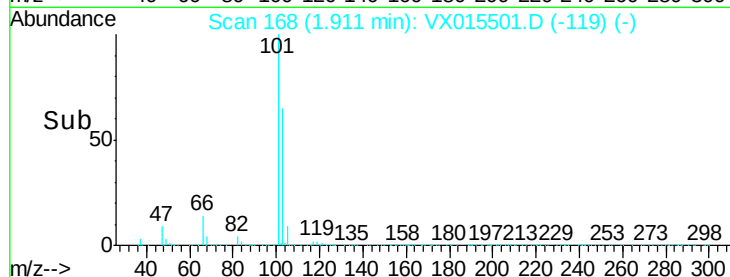
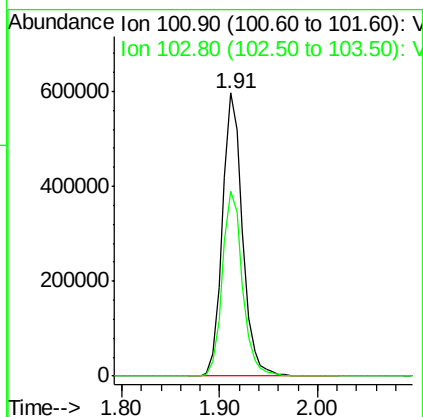
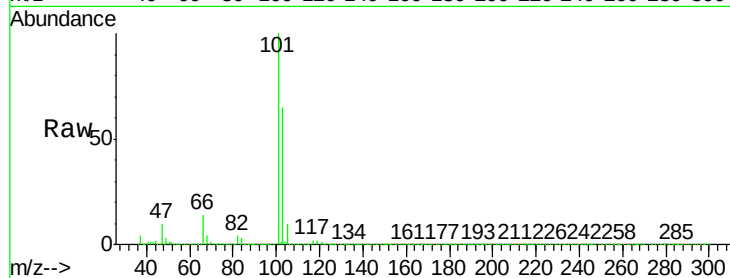
Trichlorofluoromethane
Concen: 51.291 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.3	78.5

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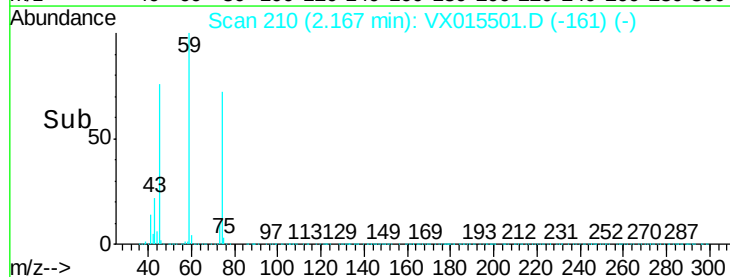
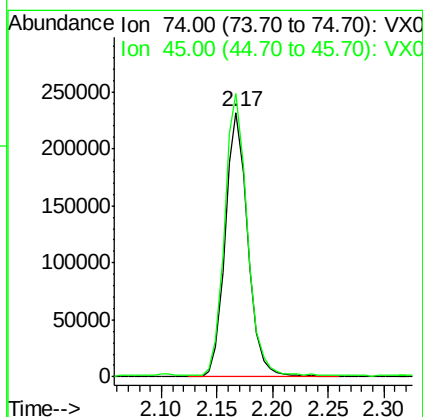
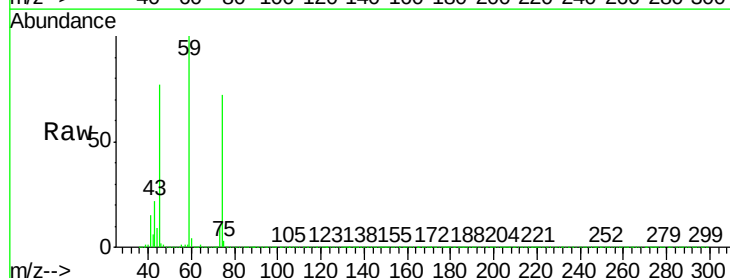
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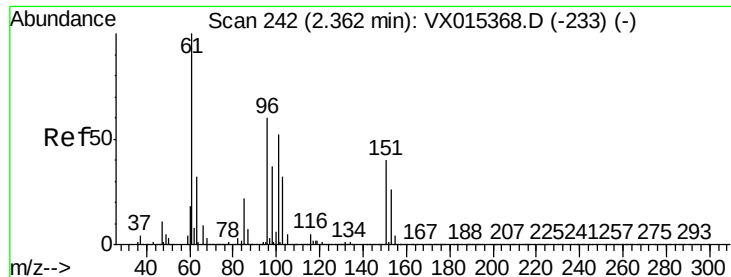


#8

Diethyl Ether
Concen: 46.423 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.5	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.579 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

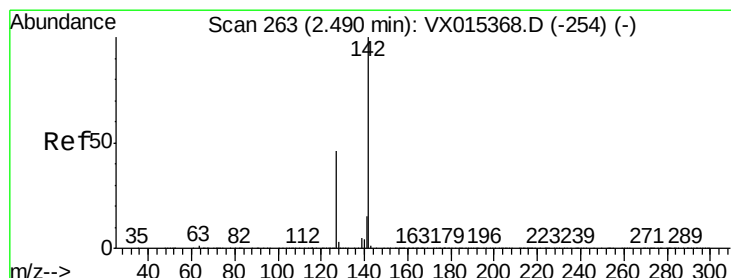
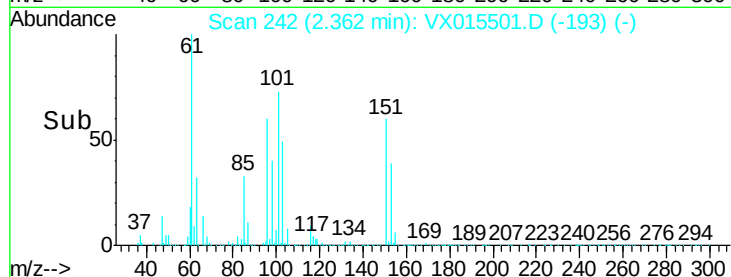
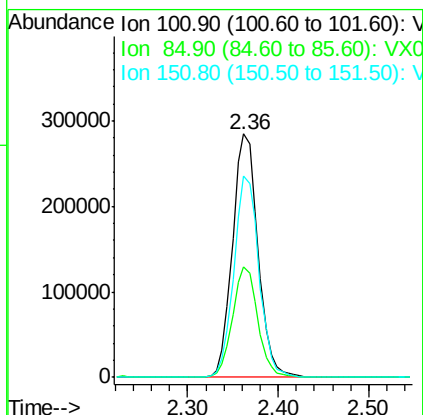
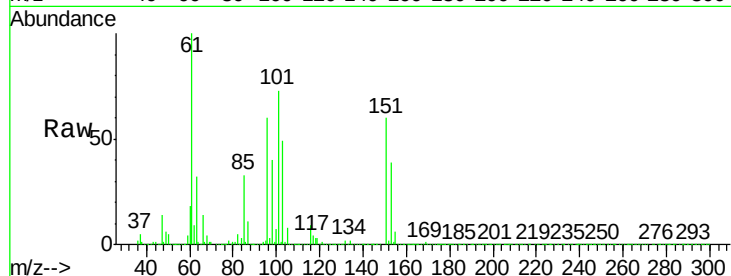
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	555413
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.0	52.4
151	81.7	64.1	96.1

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#10

Methyl Iodide

Concen: 44.207 ug/l

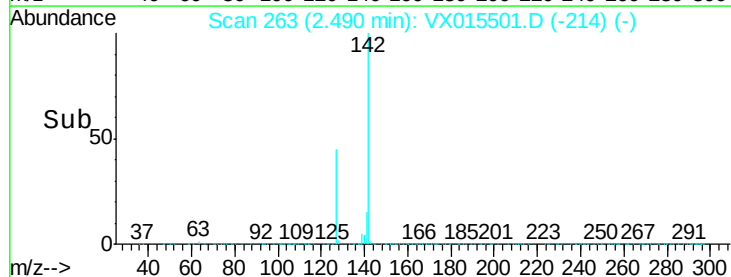
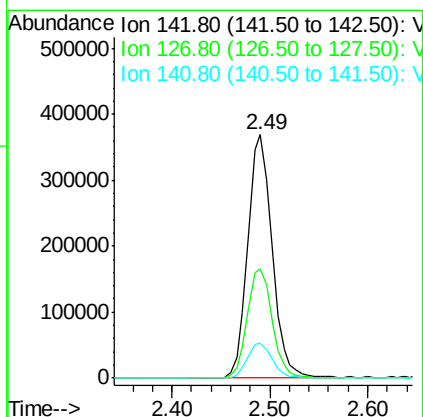
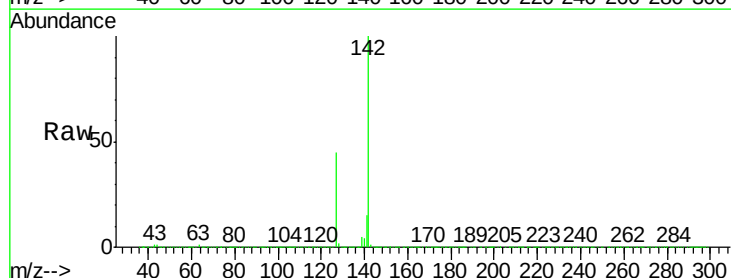
RT: 2.49 min Scan# 263

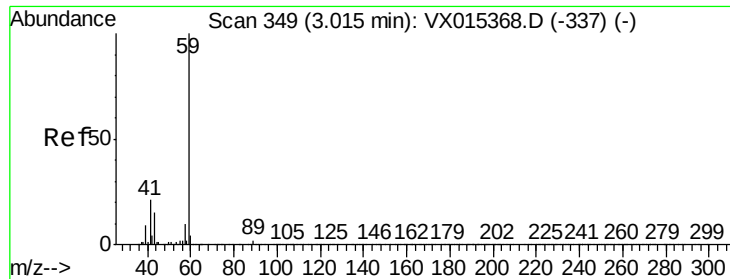
Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Tgt Ion:	142	Resp:	641808
Ion Ratio	Lower	Upper	
142	100		
127	46.1	35.9	53.9
141	15.0	11.6	17.4





#11

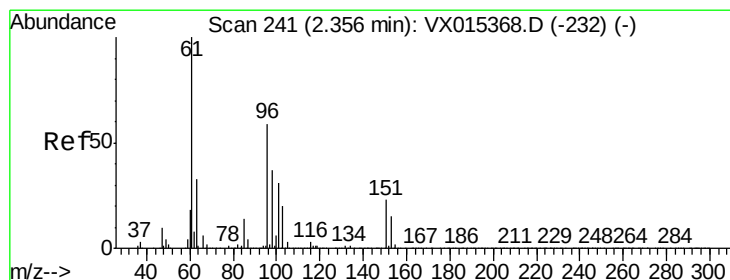
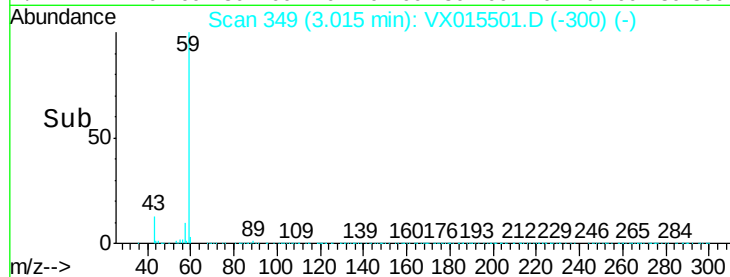
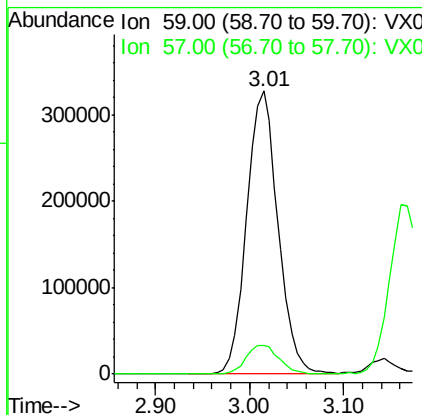
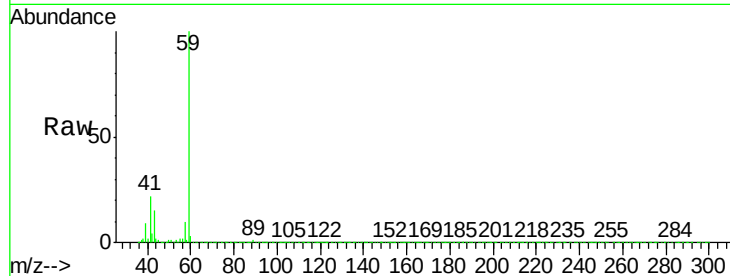
Tert butyl alcohol
Concen: 190.096 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.1	12.1

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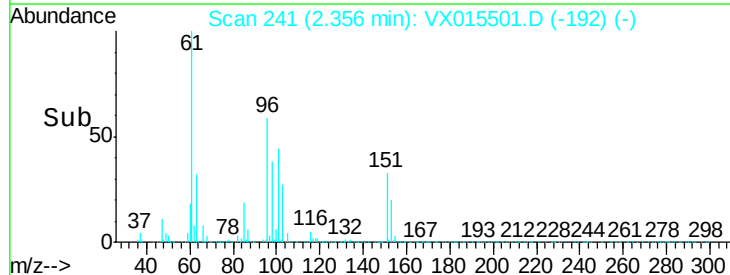
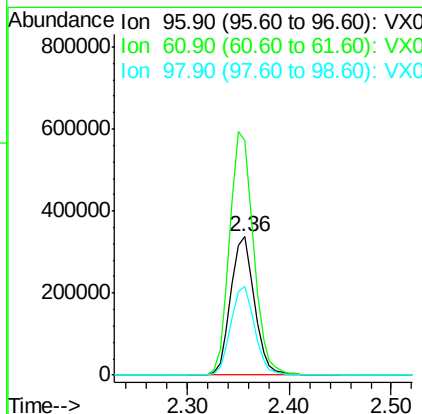
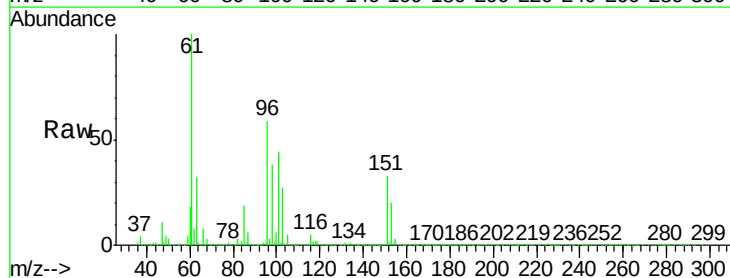
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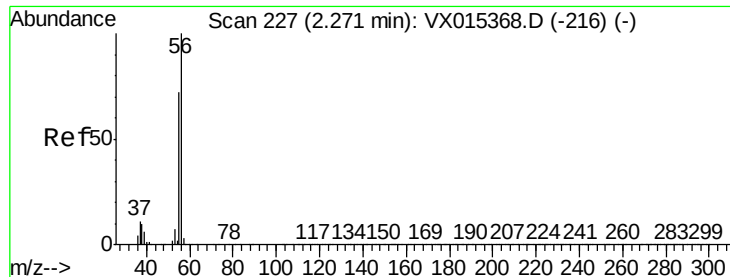


#12

1,1-Dichloroethene
Concen: 47.701 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.8	135.7	203.5
98	63.9	50.6	75.8





#13

Acrolein

Concen: 229.439 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 527511

Ion Ratio Lower Upper

56 100

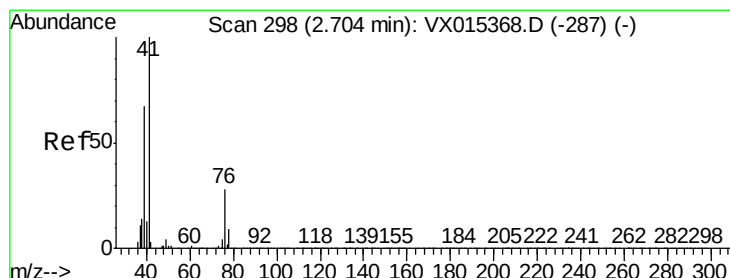
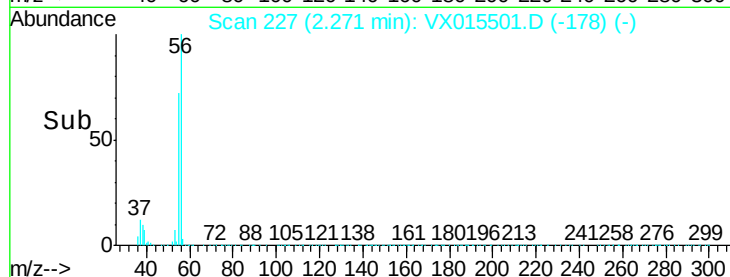
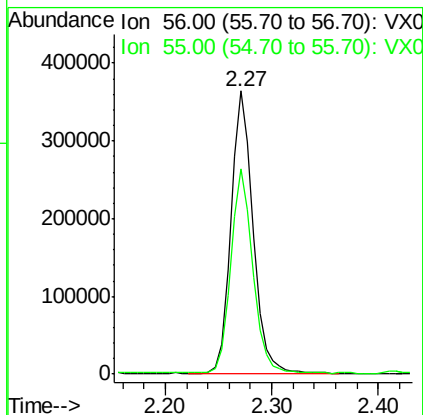
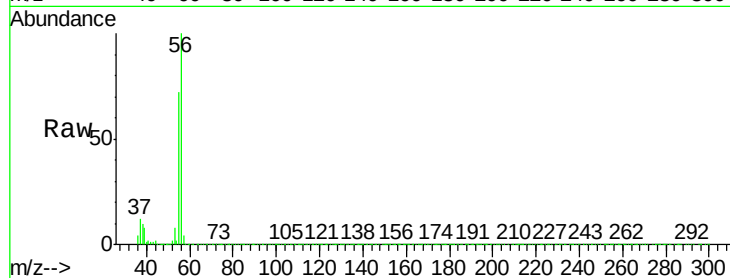
55 72.3 57.0 85.4

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#14

Allyl chloride

Concen: 46.504 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

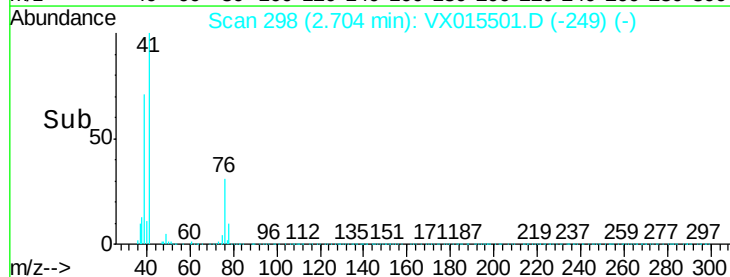
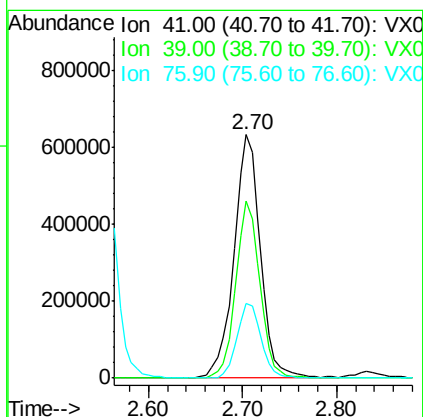
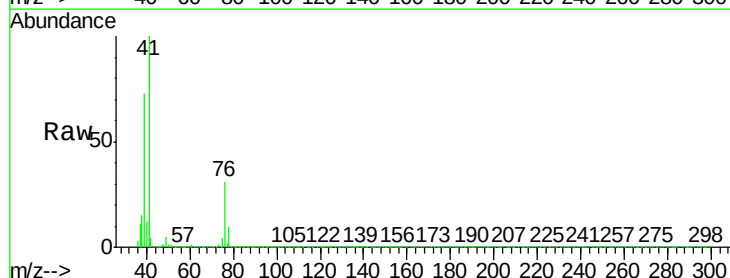
Tgt Ion: 41 Resp: 1226520

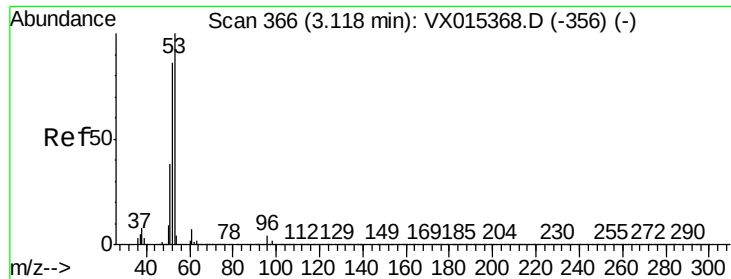
Ion Ratio Lower Upper

41 100

39 66.3 51.4 77.0

76 28.2 21.8 32.8





#15

Acrylonitrile

Concen: 213.859 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1646096

Ion Ratio Lower Upper

53 100

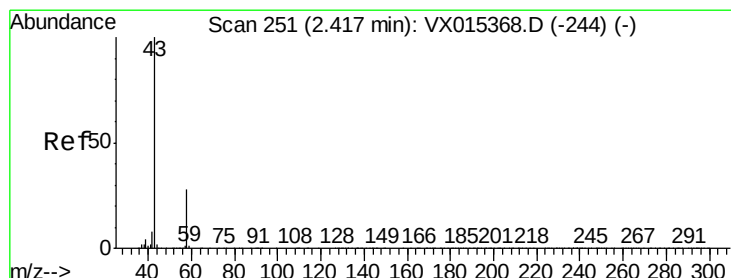
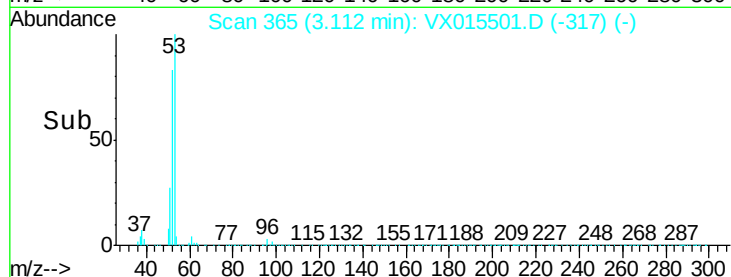
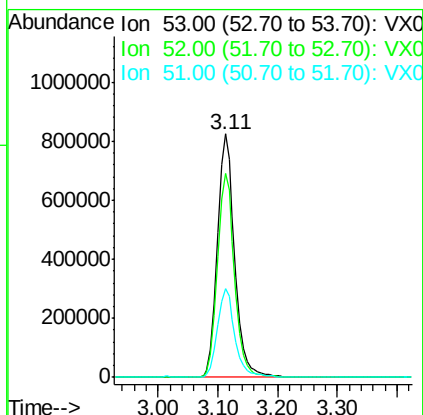
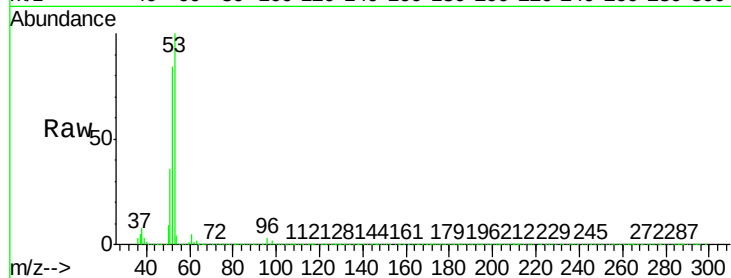
52 82.9 66.8 100.2

51 36.5 29.5 44.3

Manual Integrations
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#16

Acetone

Concen: 225.936 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015501.D

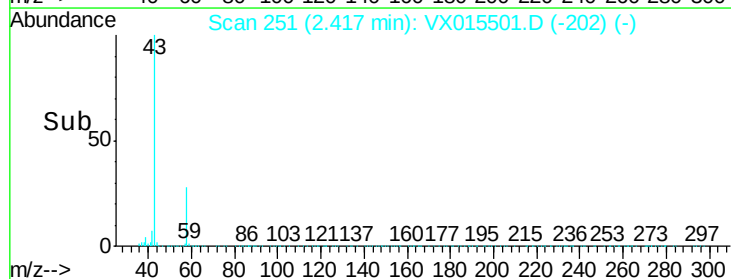
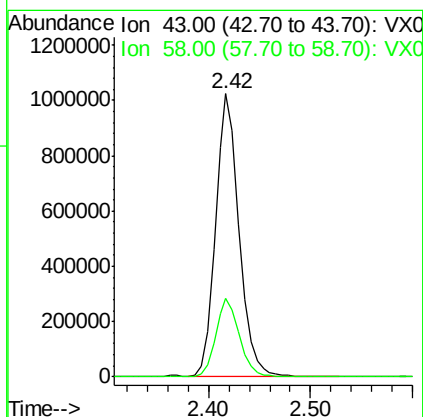
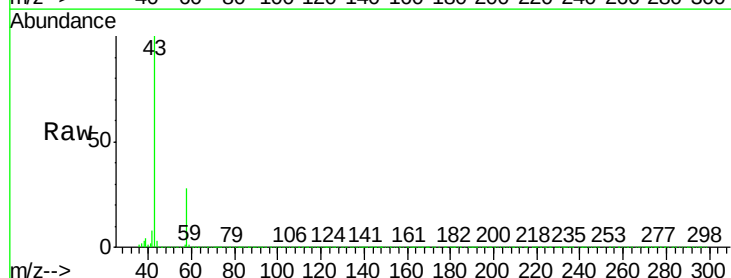
Acq: 06 Apr 2020 10:24

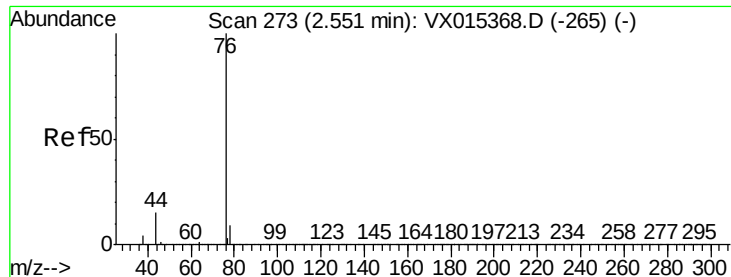
Tgt Ion: 43 Resp: 1636780

Ion Ratio Lower Upper

43 100

58 27.5 22.1 33.1





#17

Carbon Disulfide

Concen: 46.185 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Tot Ion: 76 Resp: 1590307

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

Instrument :

MSVOA_X

ClientSampleId :

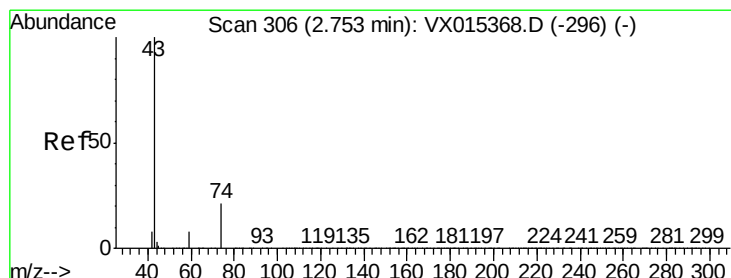
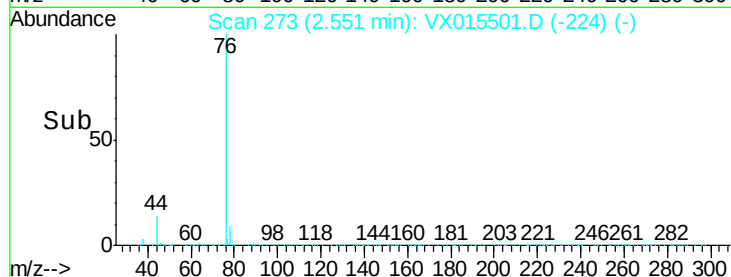
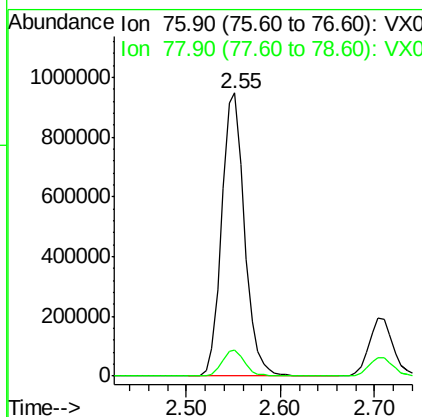
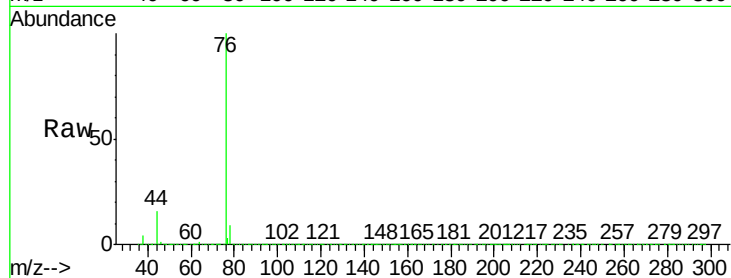
VSTDCCC050

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#18

Methyl Acetate

Concen: 42.925 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015501.D

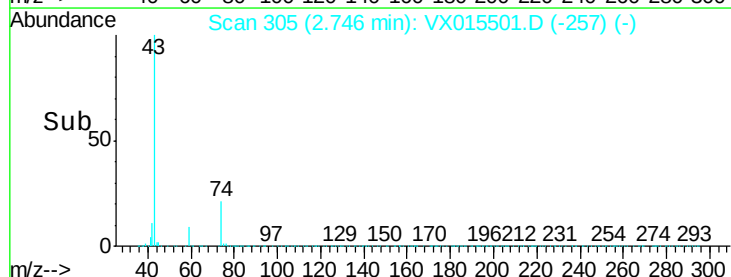
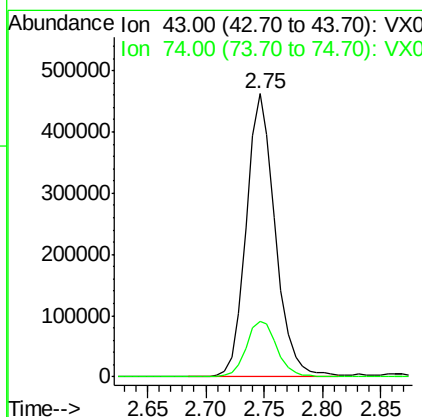
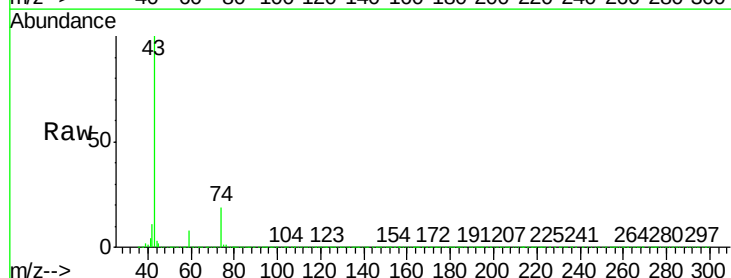
Acq: 06 Apr 2020 10:24

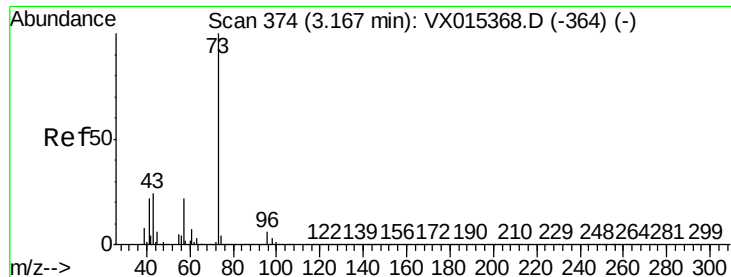
Tgt Ion: 43 Resp: 793678

Ion Ratio Lower Upper

43 100

74 21.5 16.5 24.7





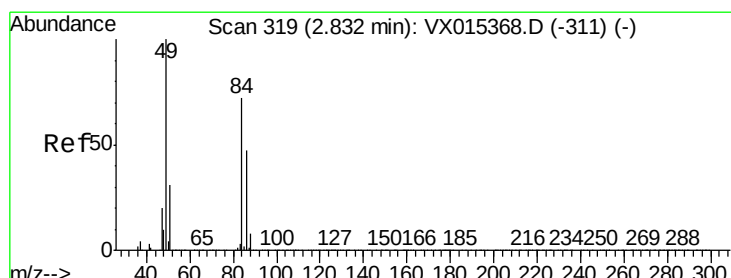
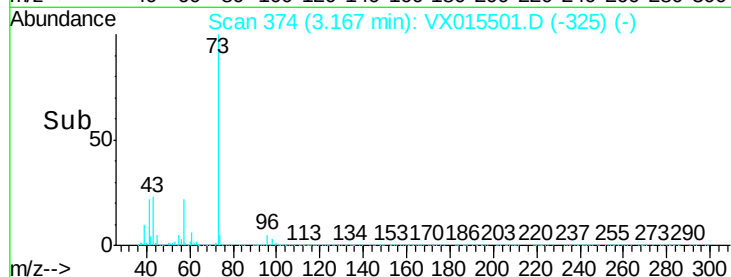
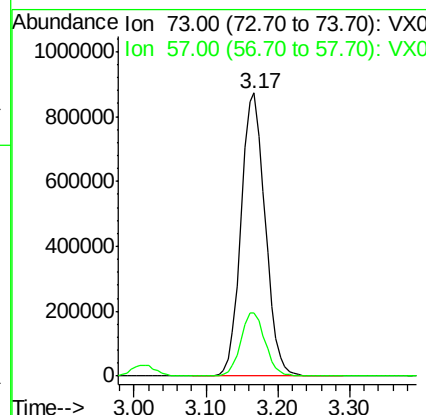
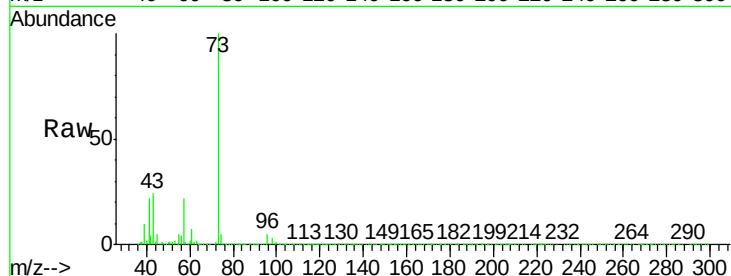
#19
Methyl tert-butyl Ether
Concen: 46.318 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 2027683
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9

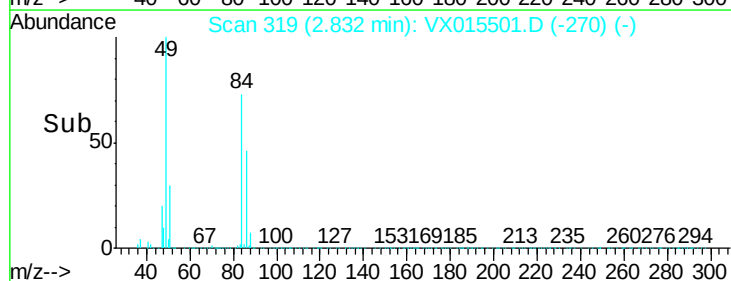
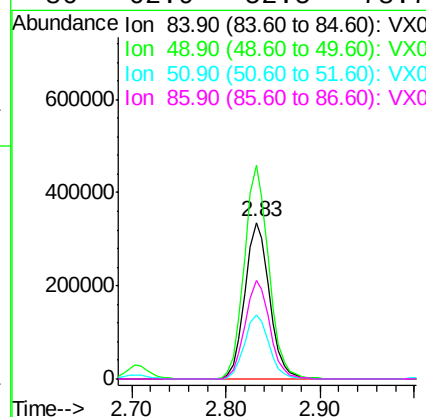
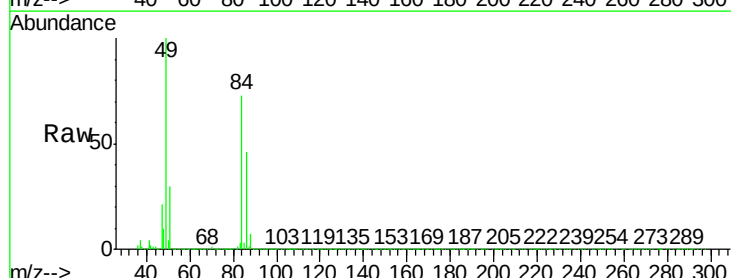
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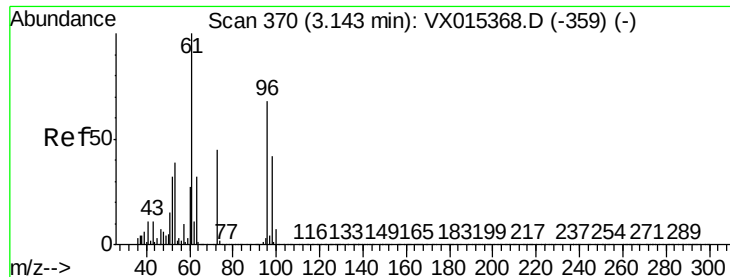
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#20
Methylene Chloride
Concen: 45.081 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion: 84 Resp: 610013
Ion Ratio Lower Upper
84 100
49 136.7 111.3 166.9
51 40.7 34.0 51.0
86 62.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.863 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

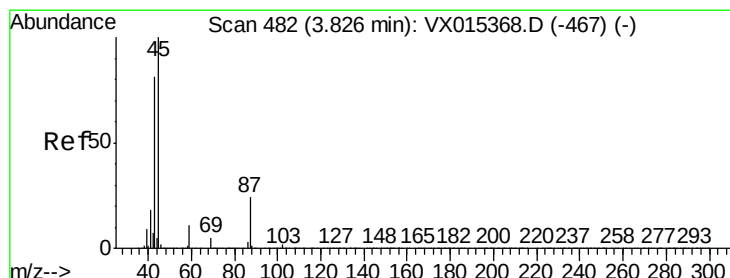
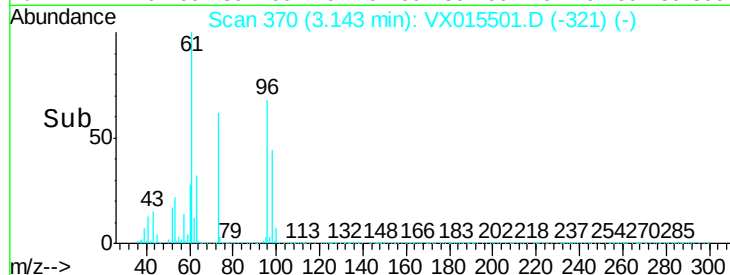
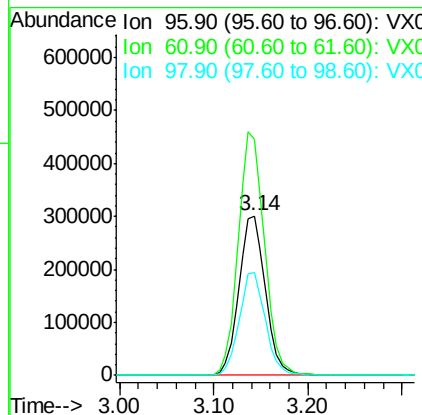
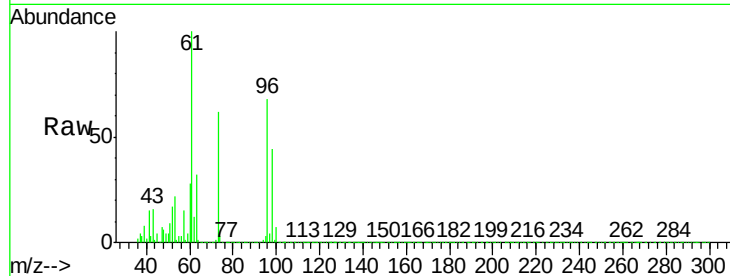
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	587052
Ion	Ratio	Lower	Upper
96	100		
61	147.9	116.9	175.3
98	64.9	48.6	73.0

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#22

Diisopropyl ether

Concen: 47.476 ug/l

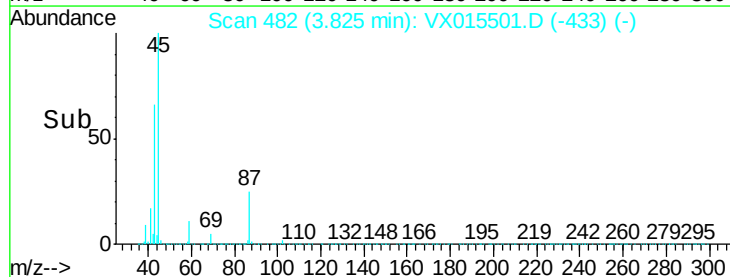
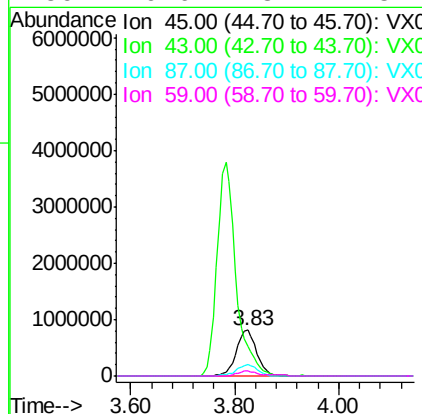
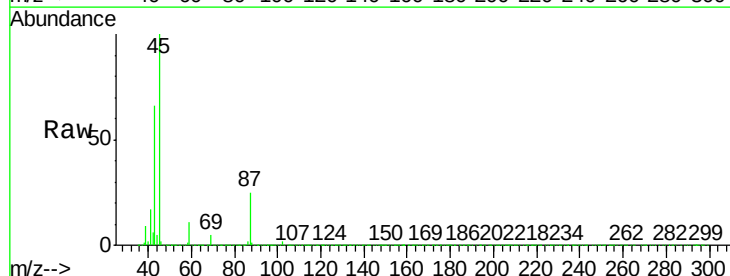
RT: 3.83 min Scan# 482

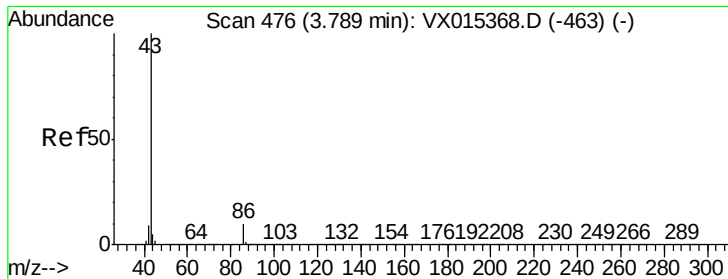
Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Tgt Ion:	45	Resp:	2218785
Ion	Ratio	Lower	Upper
45	100		
43	65.5	64.7	97.1
87	24.7	19.4	29.0
59	10.6	8.7	13.1





#23

Vinyl Acetate

Concen: 229.595 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 9715070

Ion Ratio Lower Upper

43 100

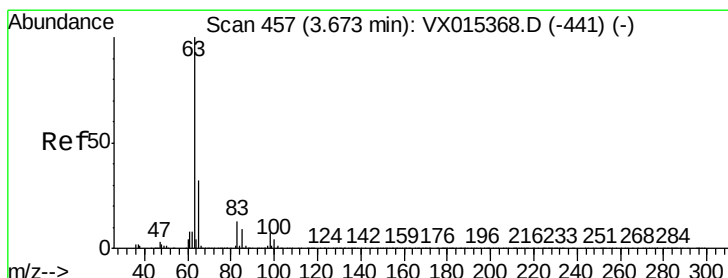
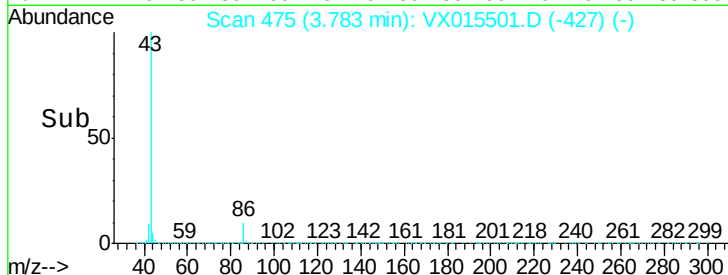
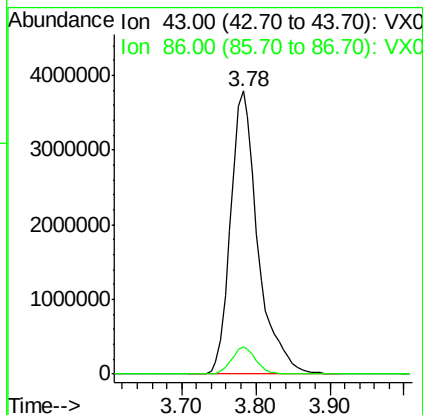
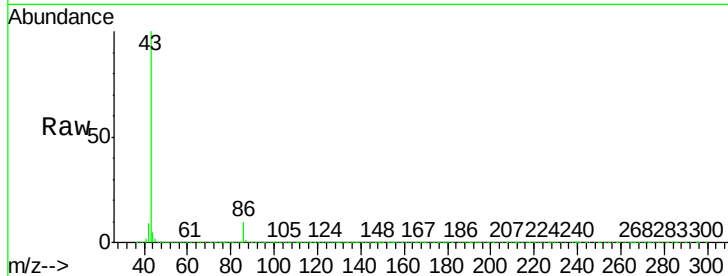
86 9.6 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 46.399 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

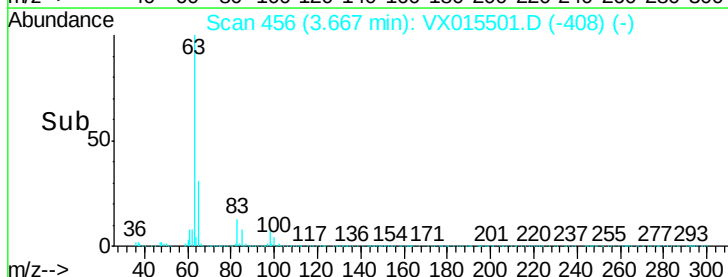
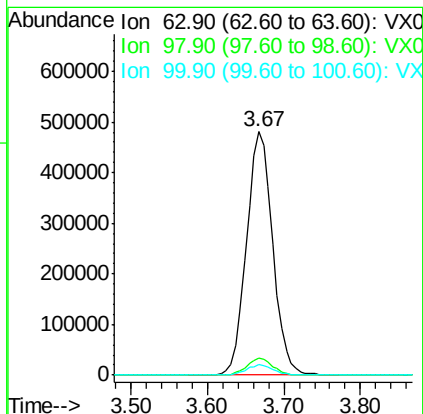
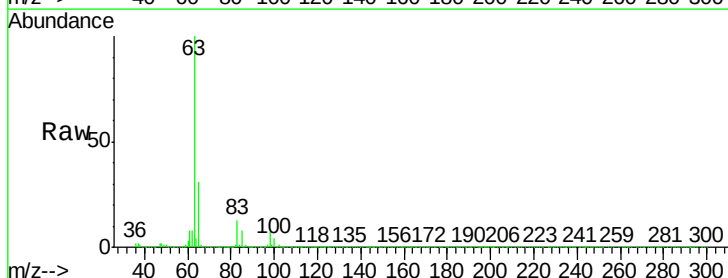
Tgt Ion: 63 Resp: 1141728

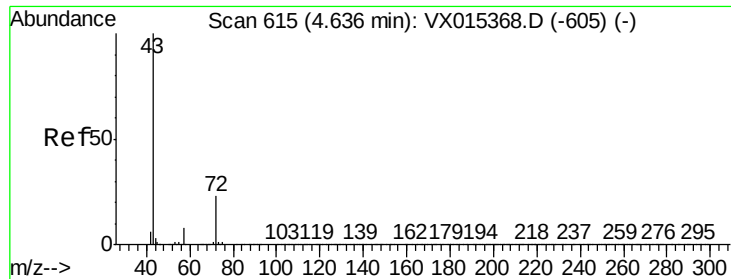
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 211.492 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Tot Ion: 43 Resp: 2464006

Ion Ratio Lower Upper

43 100

72 23.4 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

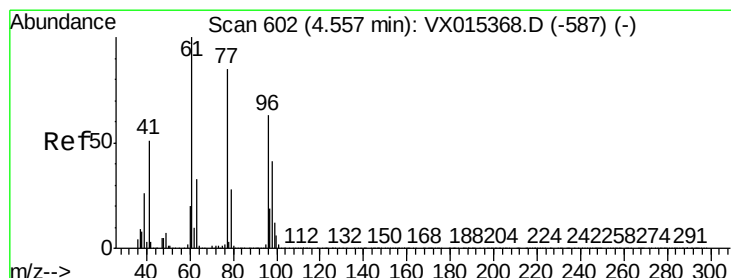
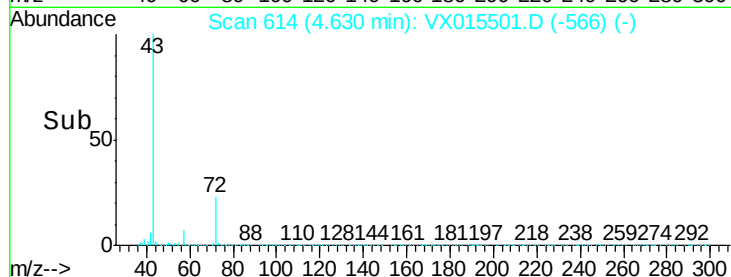
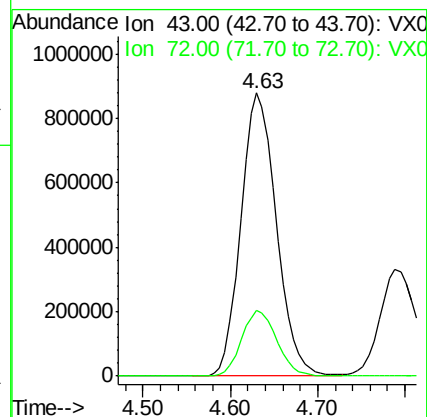
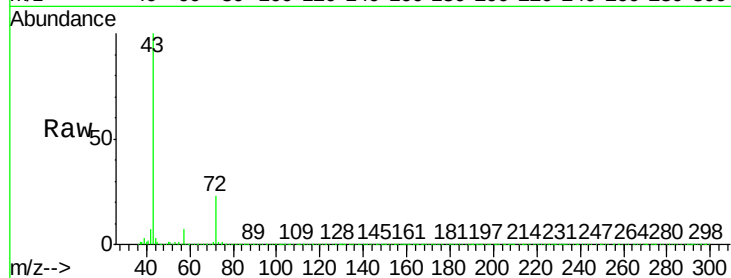
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.173 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015501.D

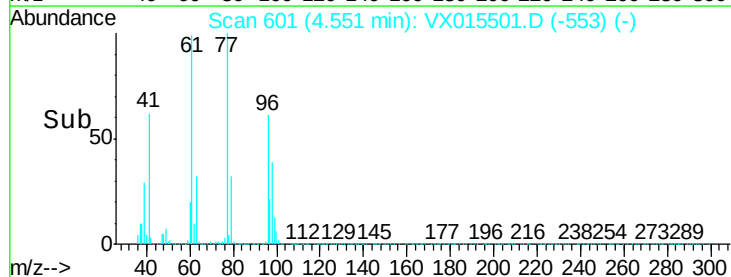
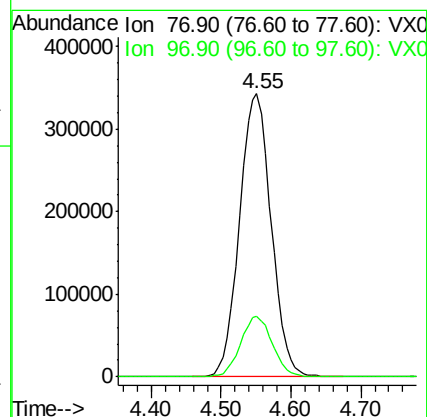
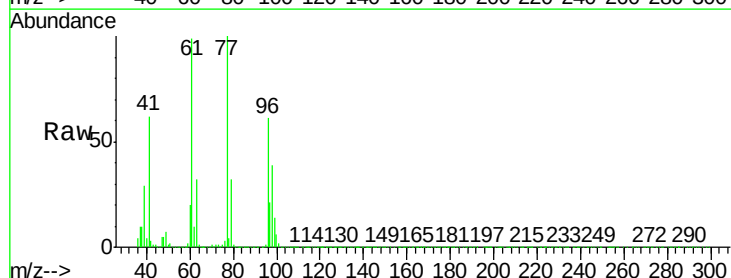
Acq: 06 Apr 2020 10:24

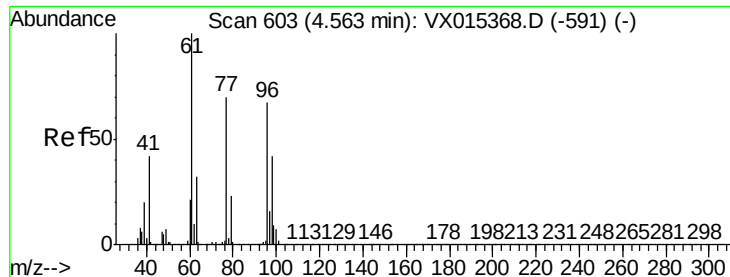
Tgt Ion: 77 Resp: 1073966

Ion Ratio Lower Upper

77 100

97 21.5 11.3 33.8





#27

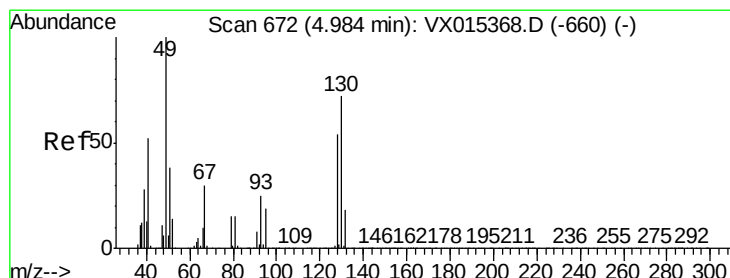
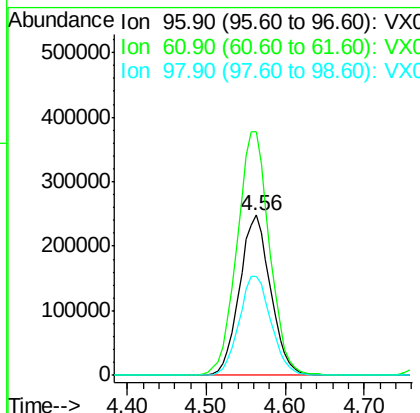
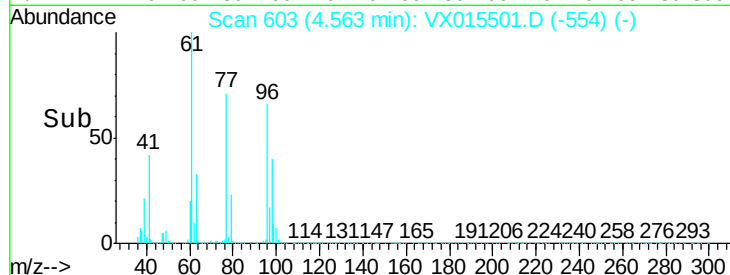
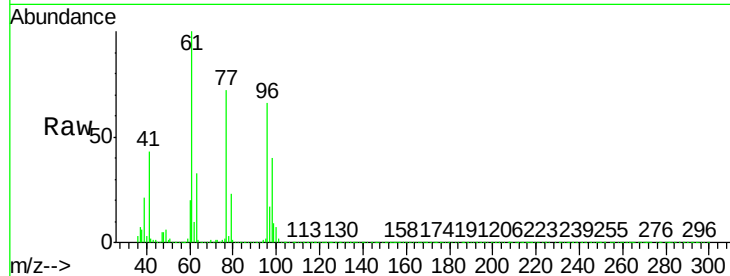
cis-1,2-Dichloroethene
Concen: 46.811 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	678430		
61	159.1	0.0	308.4	
98	63.5	0.0	129.2	

Manual Integrations
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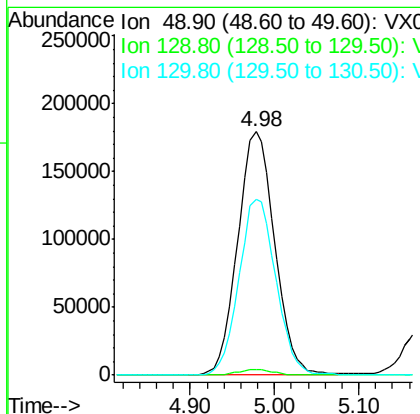
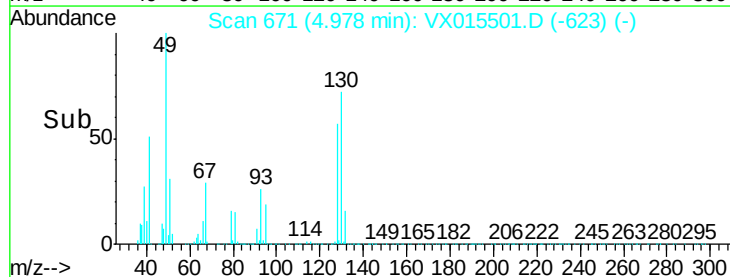
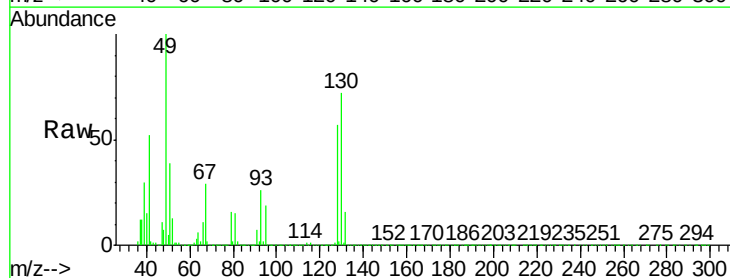
MMDadoda
4/7/2020 11:58:52 AM

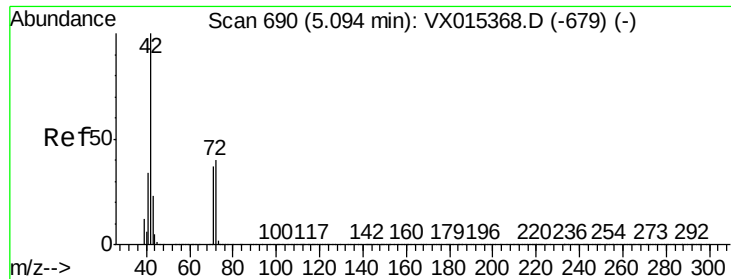


#28

Bromochloromethane
Concen: 45.201 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	531038		
129	2.2	0.0	4.4	
130	72.4	57.7	86.5	





#29

Tetrahydrofuran

Concen: 204.967 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 42 Resp: 1535169

Ion Ratio Lower Upper

42 100

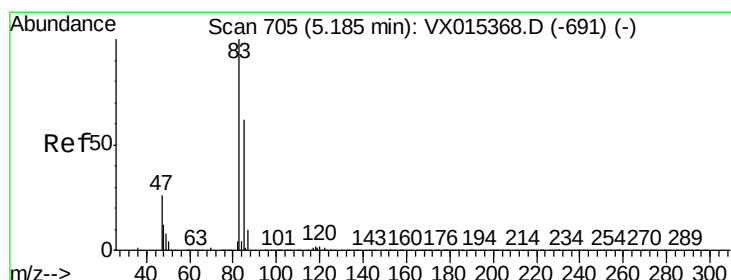
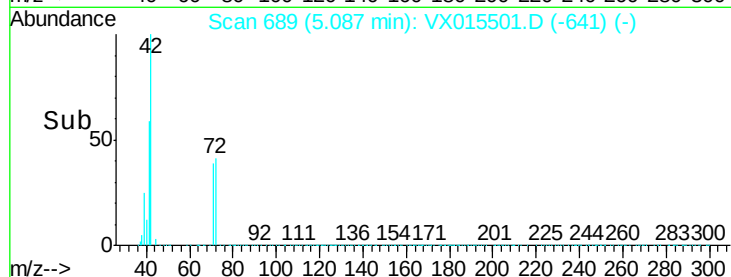
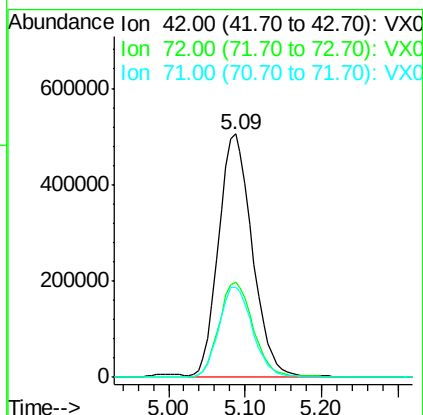
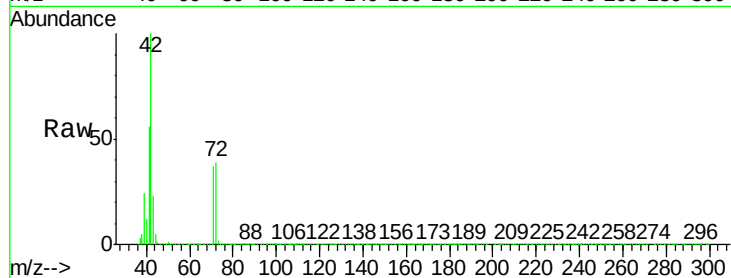
72 40.0 31.7 47.5

71 37.1 29.6 44.4

Manual Integrations
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#30

Chloroform

Concen: 47.042 ug/l

RT: 5.17 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX015501.D

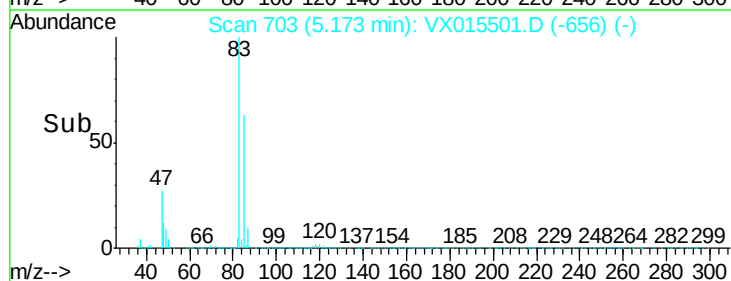
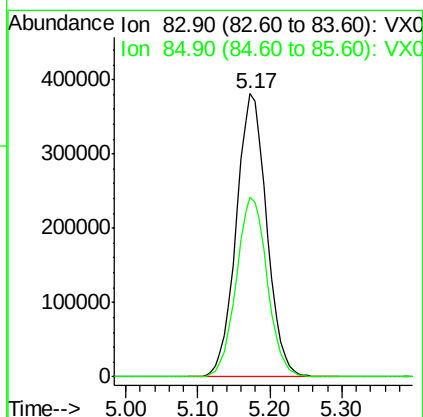
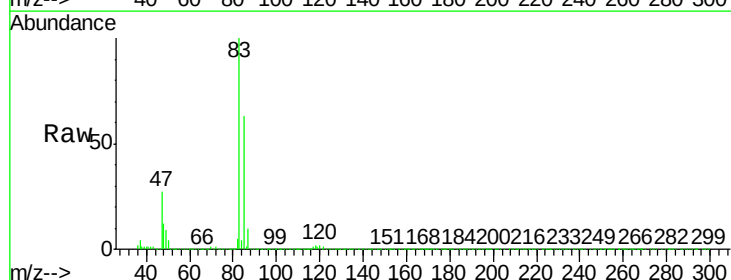
Acq: 06 Apr 2020 10:24

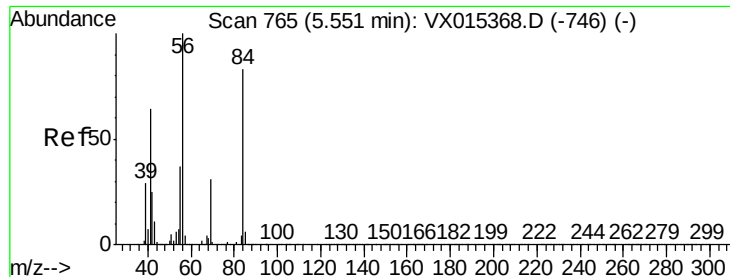
Tgt Ion: 83 Resp: 1113661

Ion Ratio Lower Upper

83 100

85 63.4 49.5 74.3





#31

Cyclohexane

Concen: 50.171 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 1070962

Ion Ratio Lower Upper

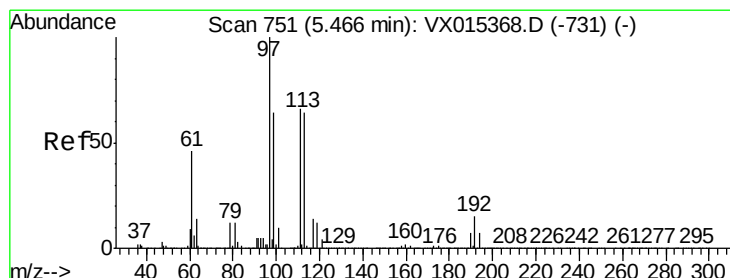
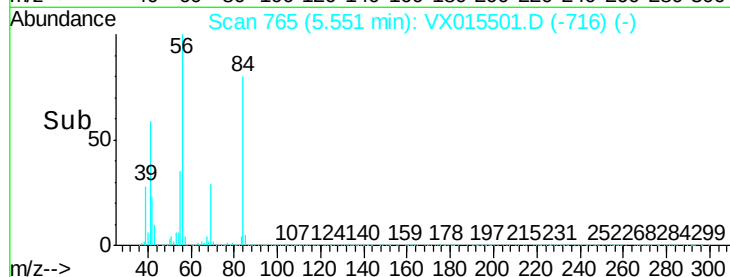
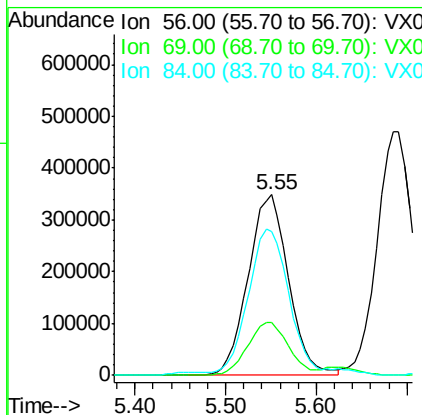
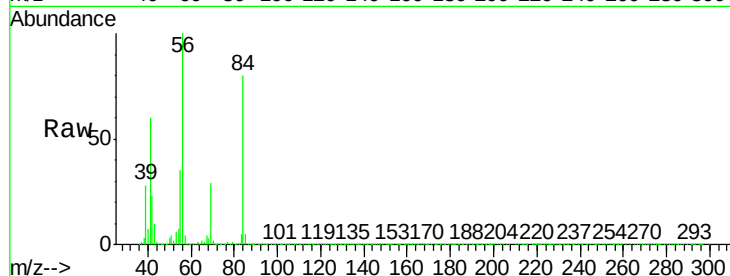
56 100

69 29.4 24.6 36.8

84 78.5 66.1 99.1

Manual Integrations
APPROVED

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4/7/2020 11:58:52 AM



#32

1,1,1-Trichloroethane

Concen: 48.487 ug/l

RT: 5.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

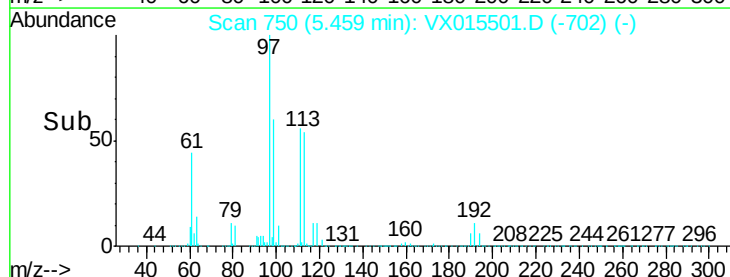
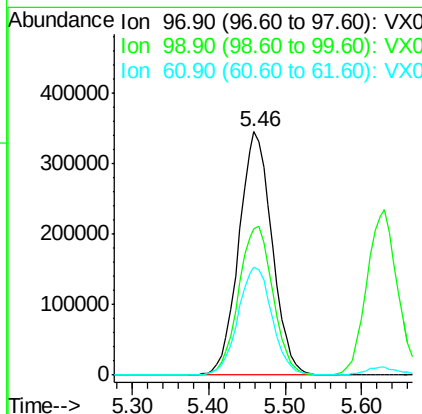
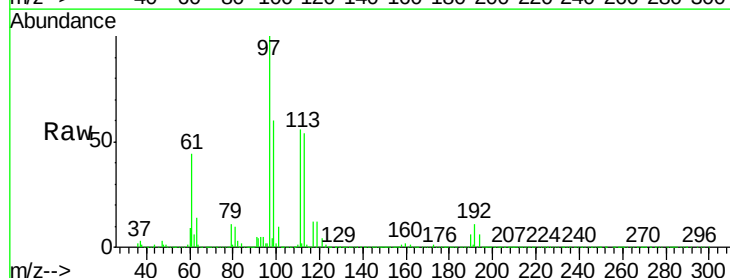
Tgt Ion: 97 Resp: 1038828

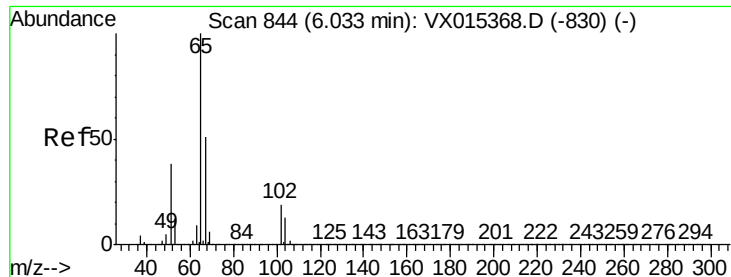
Ion Ratio Lower Upper

97 100

99 63.0 51.0 76.4

61 45.2 36.1 54.1





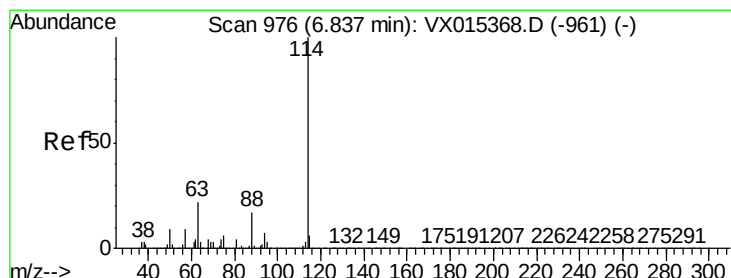
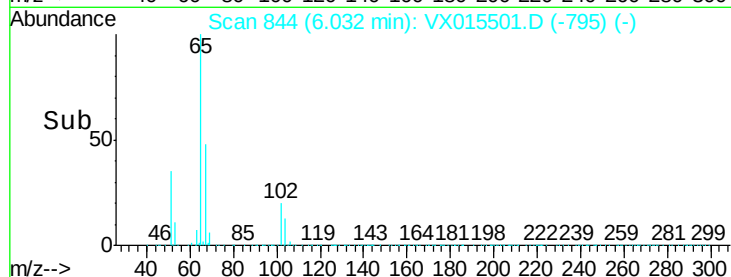
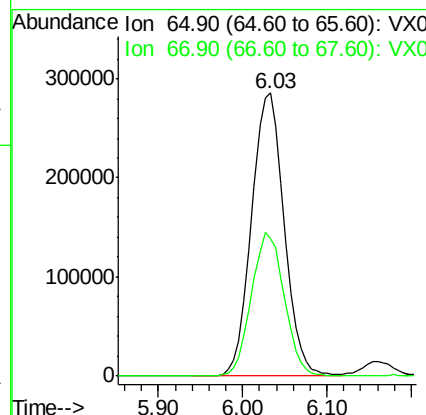
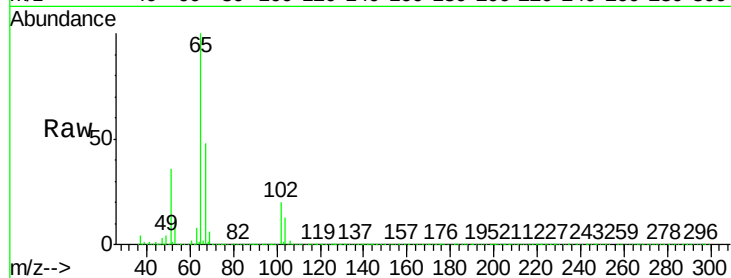
#33
 1,2-Dichloroethane-d4
 Concen: 44.388 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.6

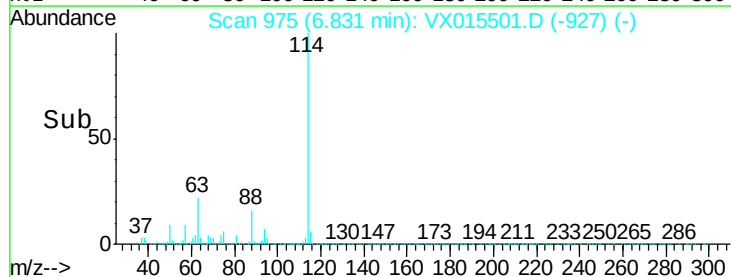
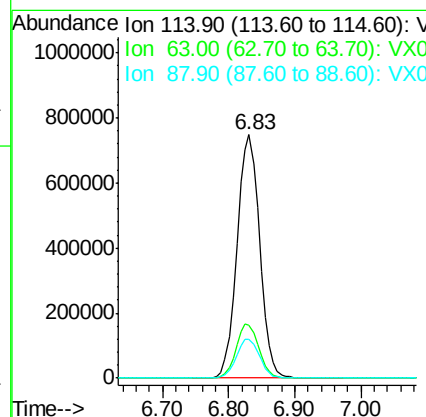
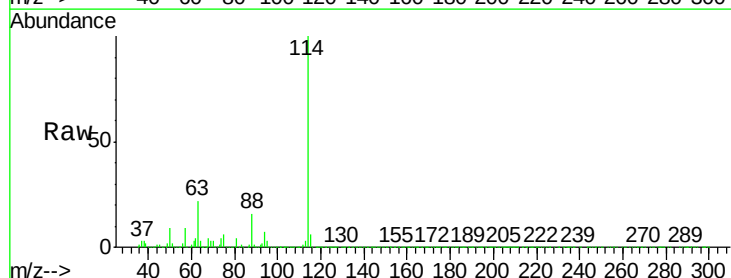
Manual Integrations
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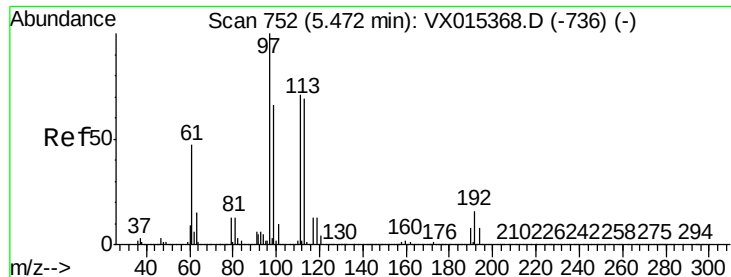
MMDadoda
 4/7/2020 11:58:52 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.2
88	16.2	0.0	33.8





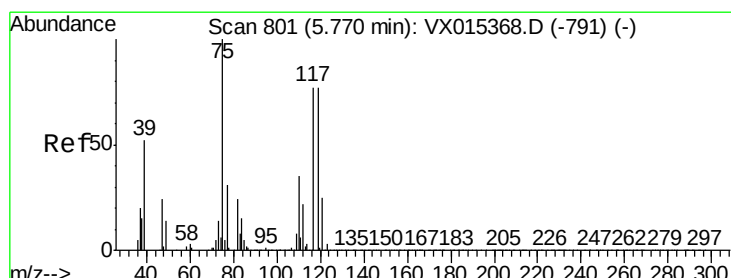
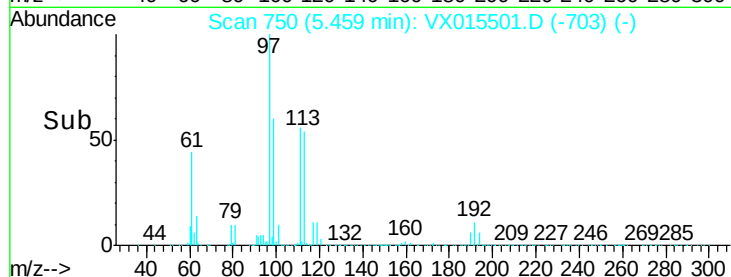
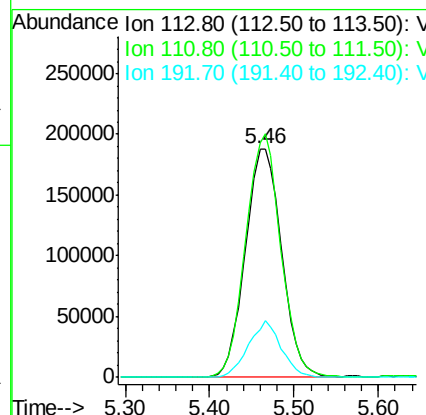
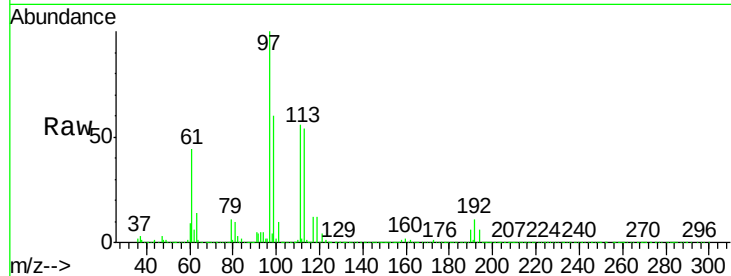
#35
Dibromofluoromethane
Concen: 48.599 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	548901		
111	102.8	81.5	122.3	
192	22.5	17.8	26.6	

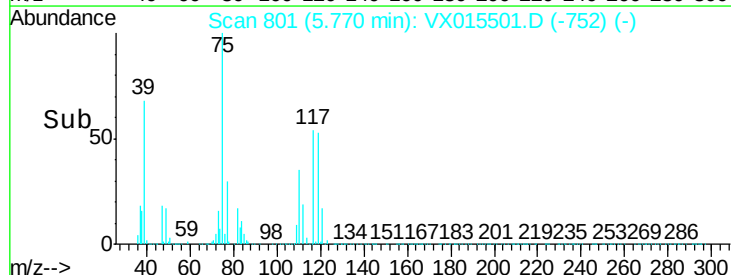
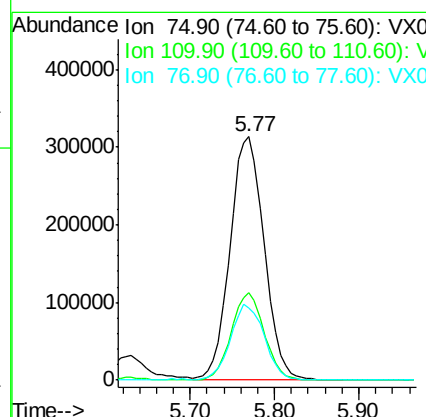
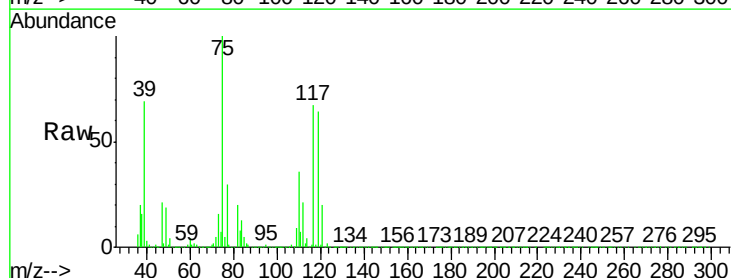
Manual Integrations
APPROVED

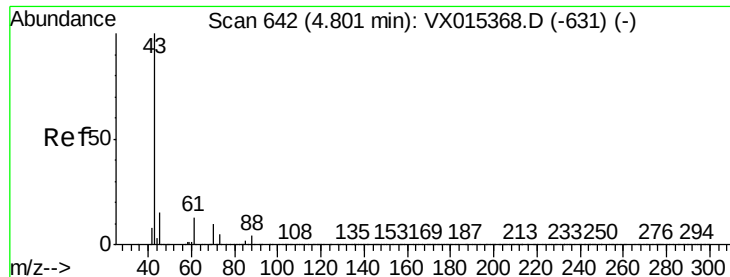
MMDadoda
4/7/2020 11:58:52 AM



#36
1,1-Dichloropropene
Concen: 52.671 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	857483		
110	34.5	17.1	51.3	
77	30.9	24.6	36.8	





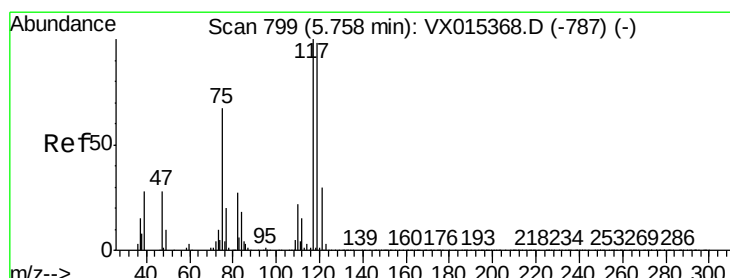
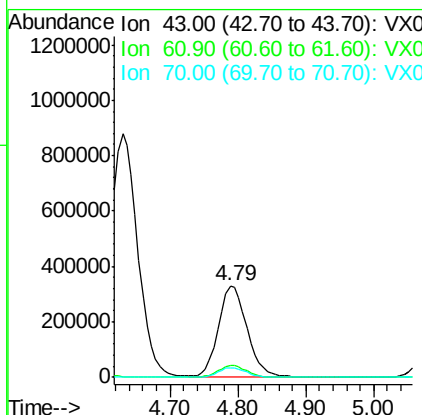
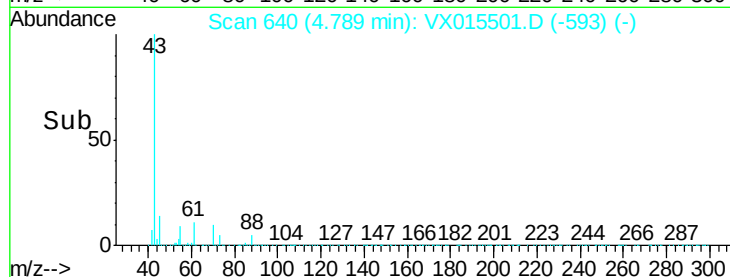
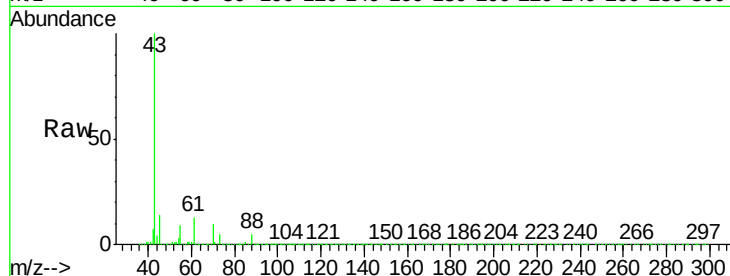
#37
Ethyl Acetate
Concen: 45.676 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	10.1	8.1	12.1

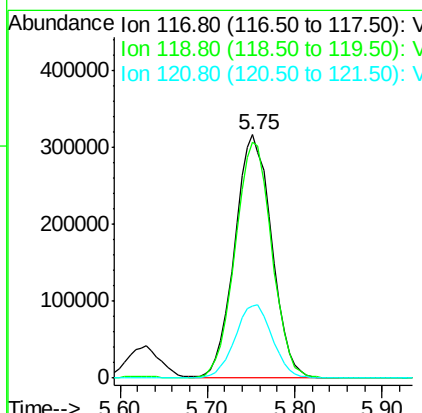
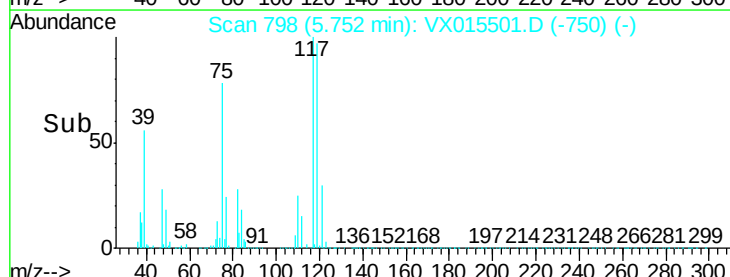
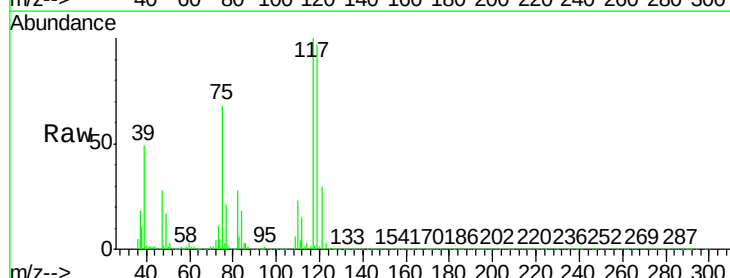
Manual Integrations
APPROVED

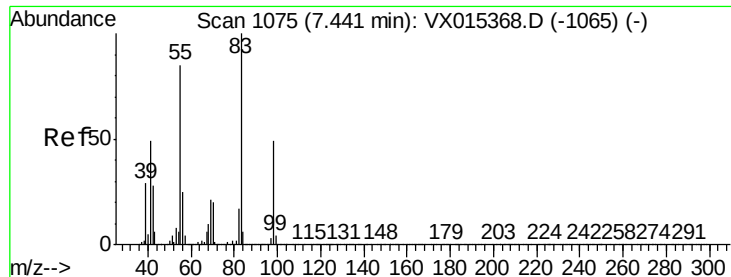
MMDadoda
4/7/2020 11:58:52 AM



#38
Carbon Tetrachloride
Concen: 52.715 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.0	117.0
121	29.7	23.8	35.8





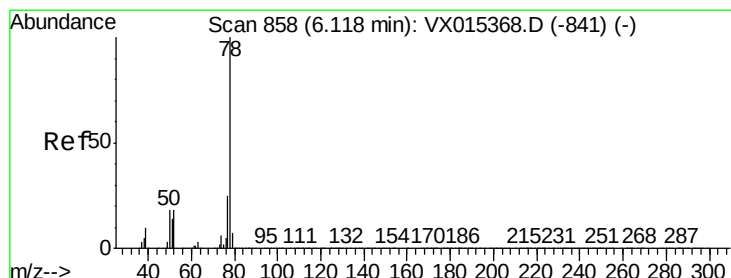
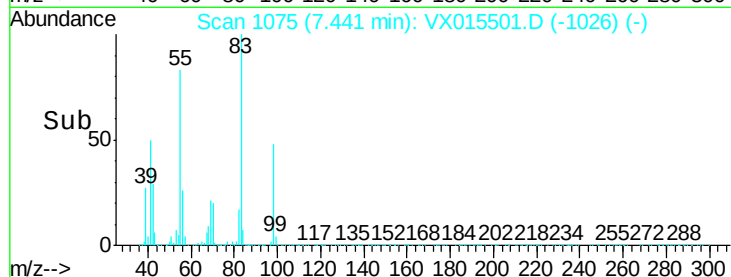
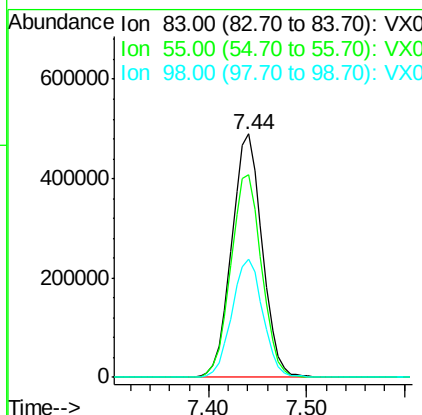
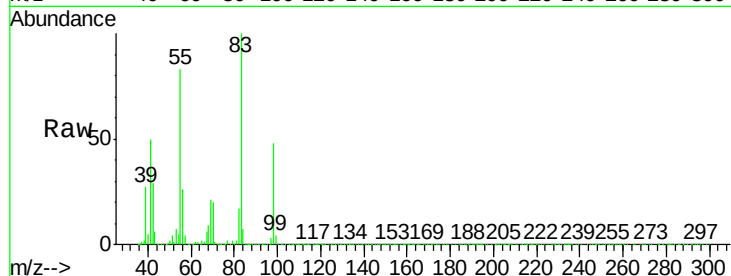
#39
Methylvlcyclohexane
Concen: 56.323 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.2	67.8	101.6
98	48.4	39.3	58.9

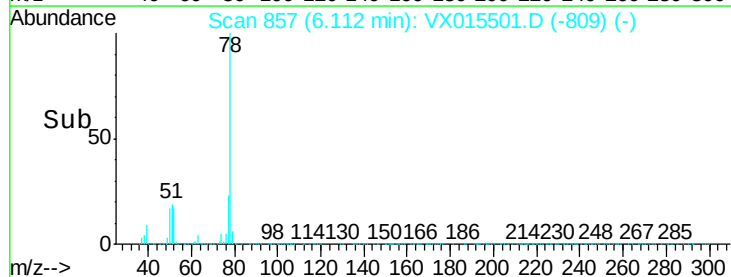
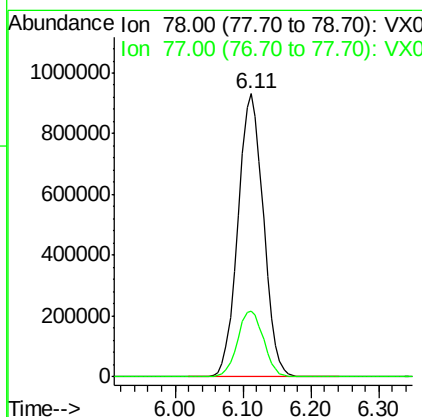
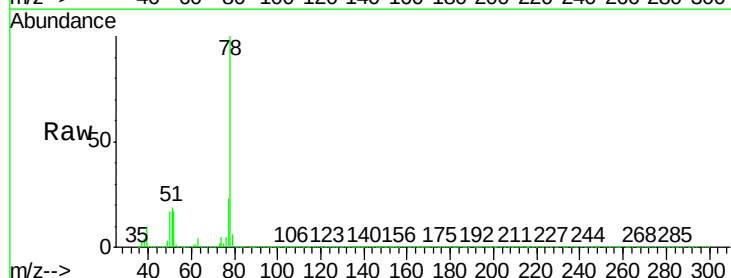
Manual Integrations
APPROVED

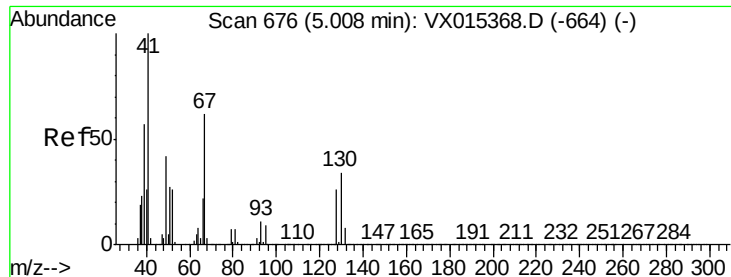
MMDadoda
4/7/2020 11:58:52 AM



#40
Benzene
Concen: 50.811 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.8	29.8





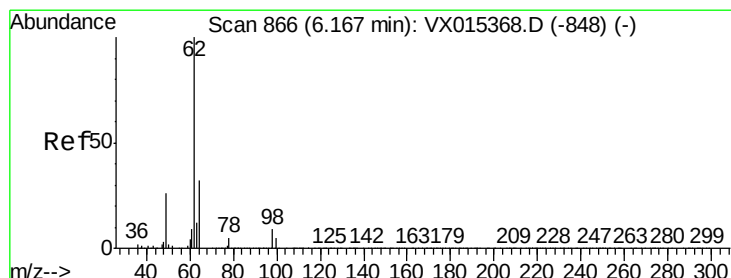
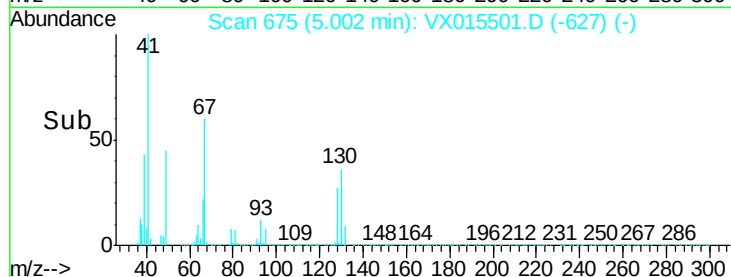
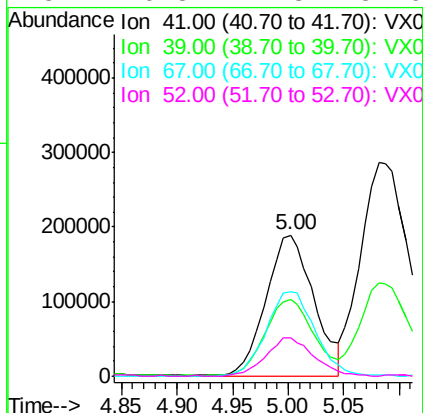
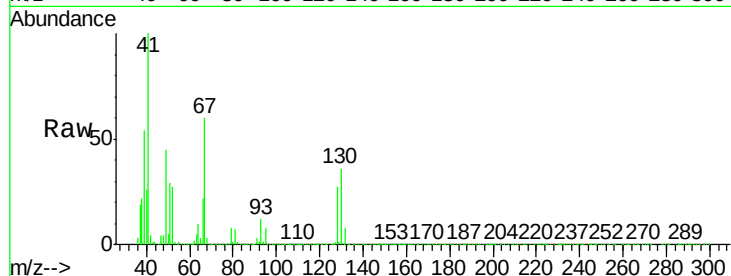
#41
Methacrylonitrile
Concen: 47.673 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		560984		
39	55.5	44.5	66.7		
67	61.7	48.9	73.3		
52	26.8	21.8	32.6		

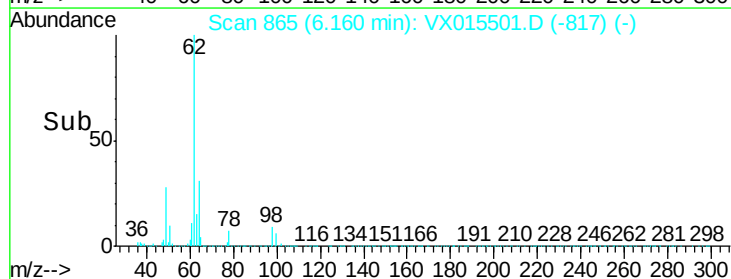
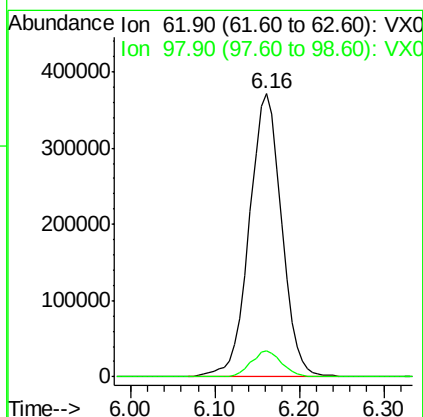
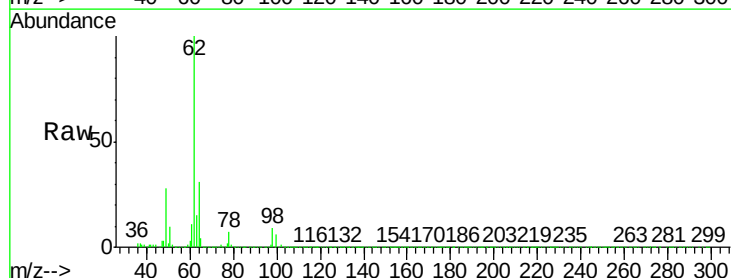
Manual Integrations
APPROVED

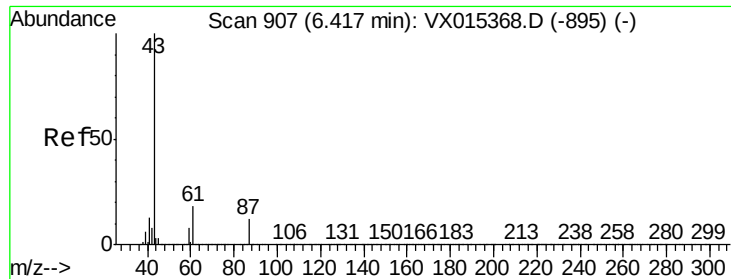
MMDadoda
4/7/2020 11:58:52 AM



#42
1,2-Dichloroethane
Concen: 50.652 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		970271		
98	8.7	0.0	17.6		





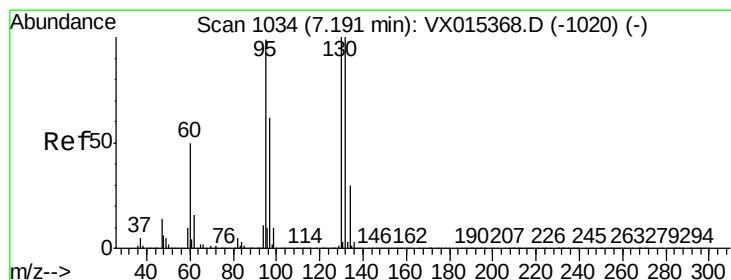
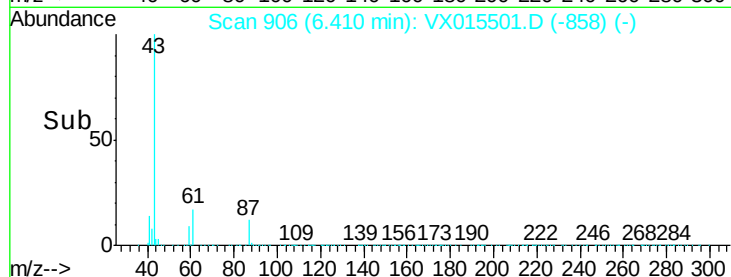
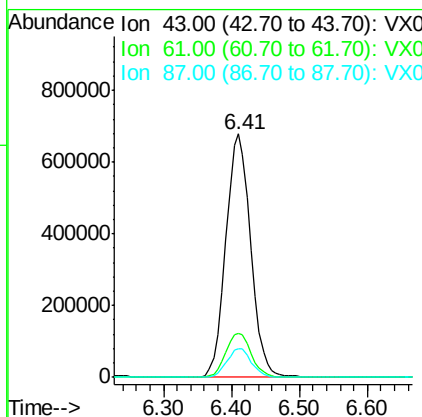
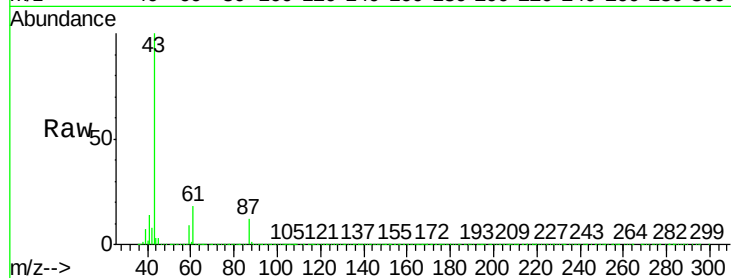
#43
Isopropyl Acetate
Concen: 47.693 ug/l
RT: 6.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.8	22.2
87	11.7	9.4	14.0

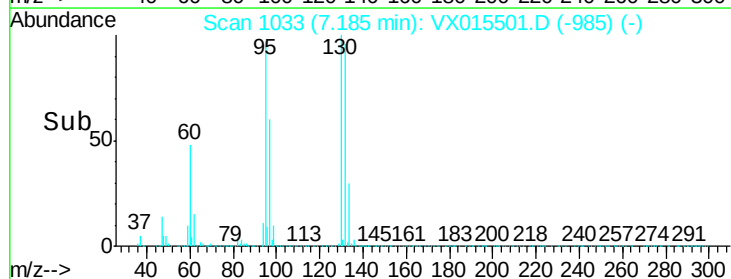
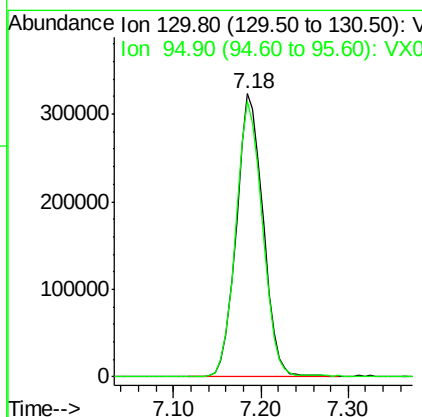
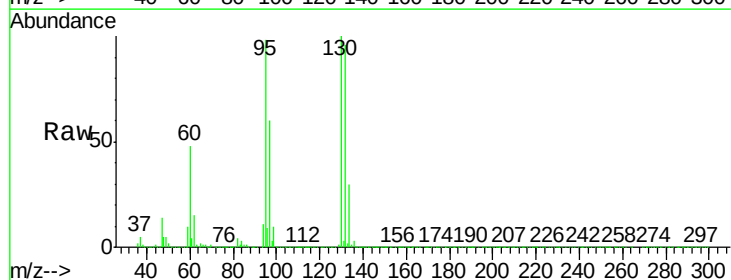
Manual Integrations
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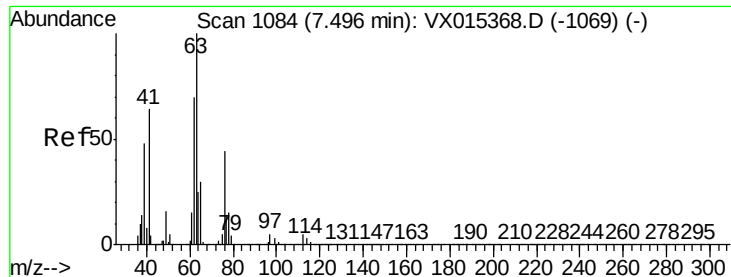
MMDadoda
4/7/2020 11:58:52 AM



#44
Trichloroethene
Concen: 52.881 ug/l
RT: 7.18 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	199.0





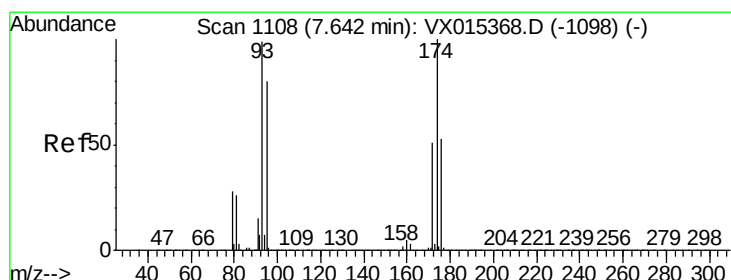
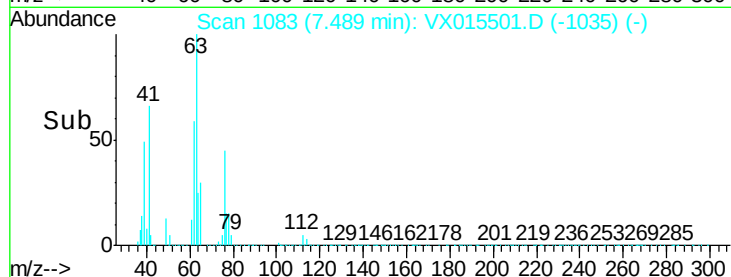
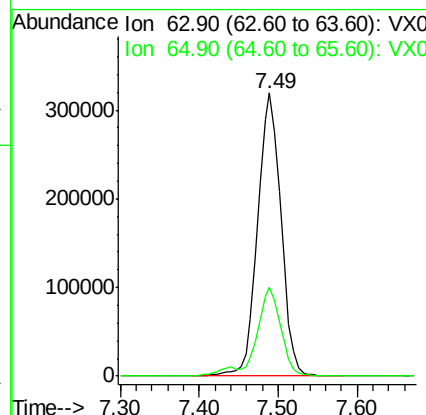
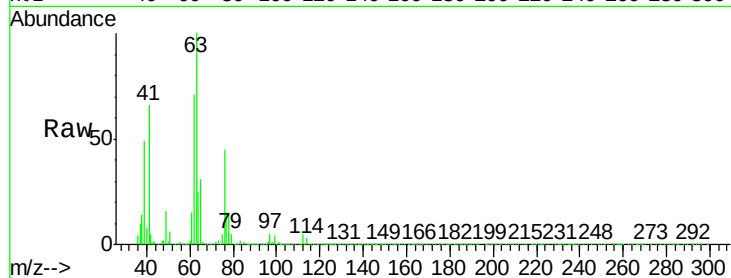
#45
 1,2-Dichloropropane
 Concen: 50.315 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
63	100	656395		
65	31.1		23.9	35.9

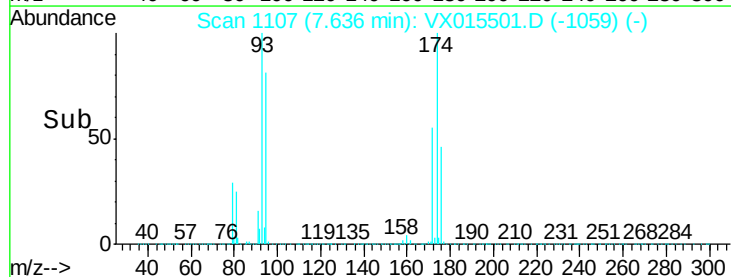
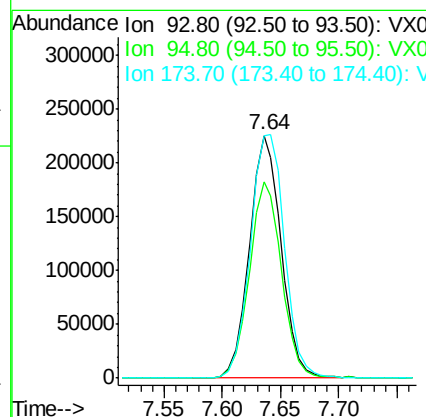
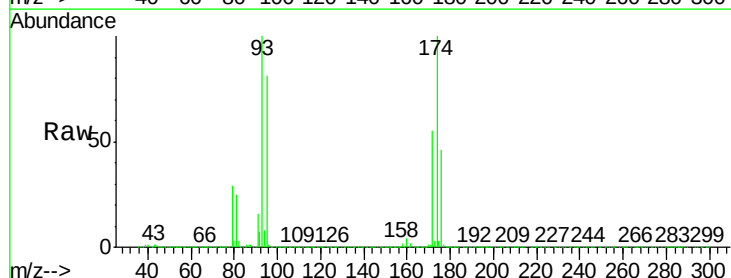
Manual Integrations
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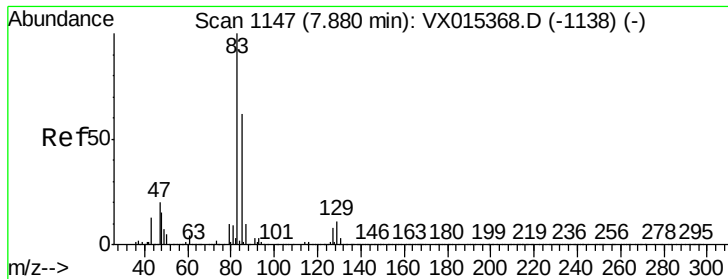
MMDadoda
 4/7/2020 11:58:52 AM



#46
 Dibromomethane
 Concen: 49.871 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	426782		
95	82.7		65.8	98.8
174	108.4		86.2	129.2





#47

Bromodichloromethane

Concen: 51.439 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

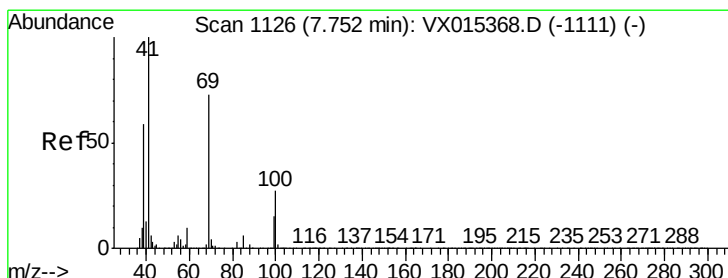
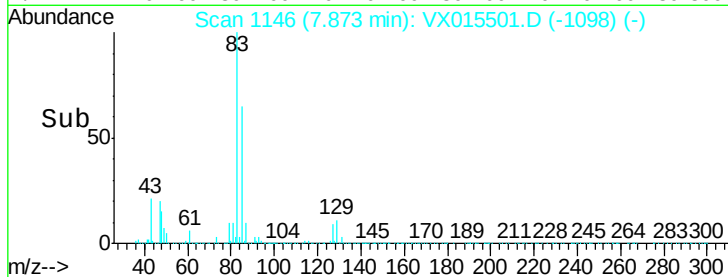
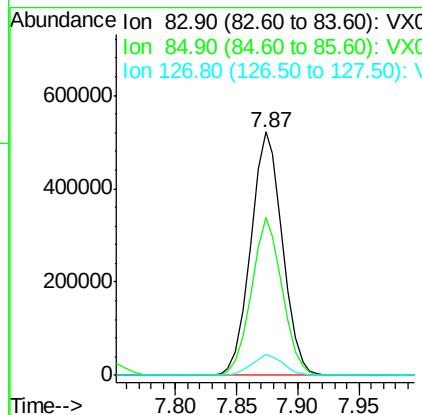
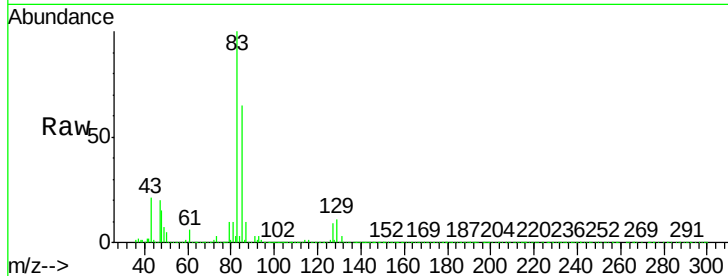
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	937969
Ion Ratio	Lower	Upper	
83	100		
85	65.0	49.7	74.5
127	8.6	6.7	10.1

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#48

Methyl methacrylate

Concen: 47.526 ug/l

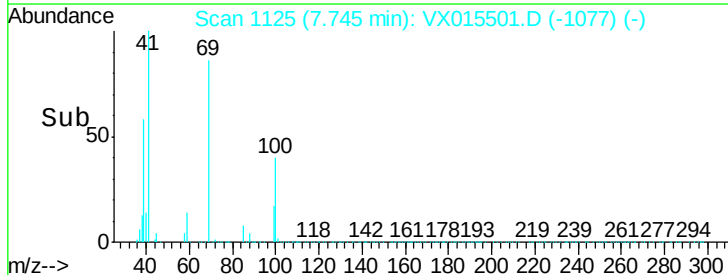
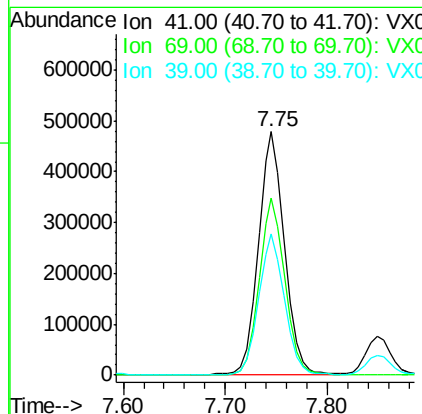
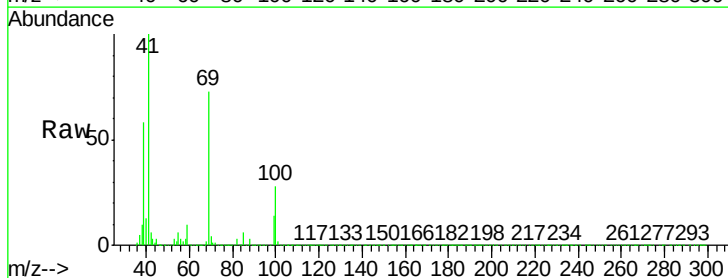
RT: 7.75 min Scan# 1125

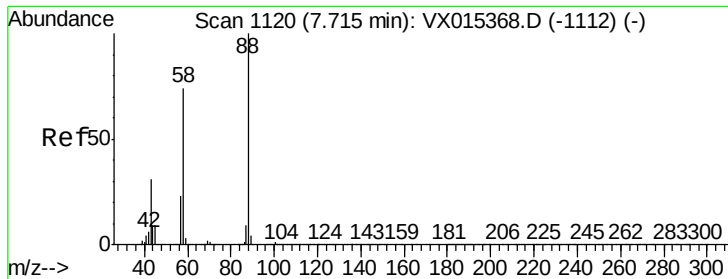
Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Tgt Ion:	41	Resp:	849466
Ion Ratio	Lower	Upper	
41	100		
69	71.7	56.7	85.1
39	57.4	46.5	69.7





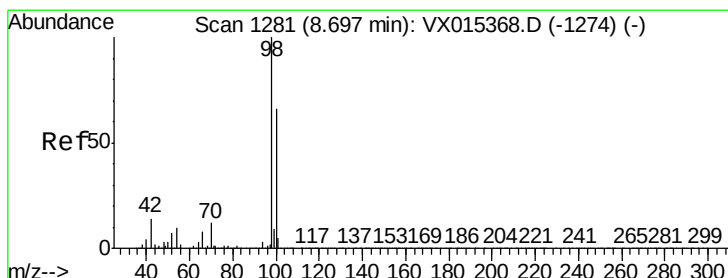
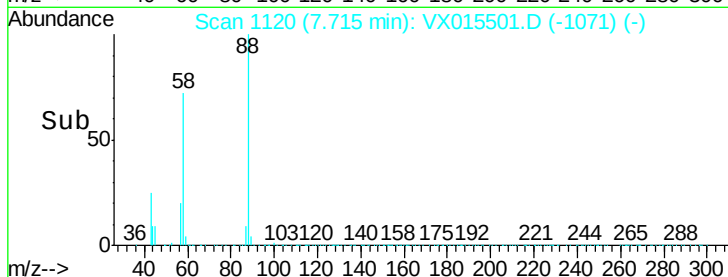
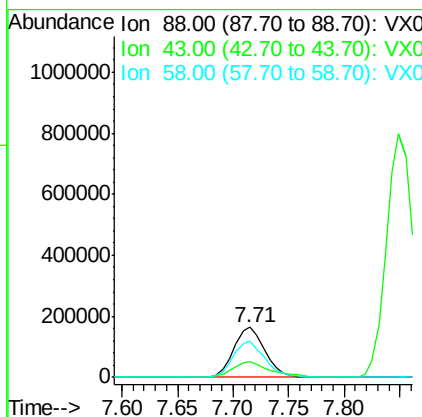
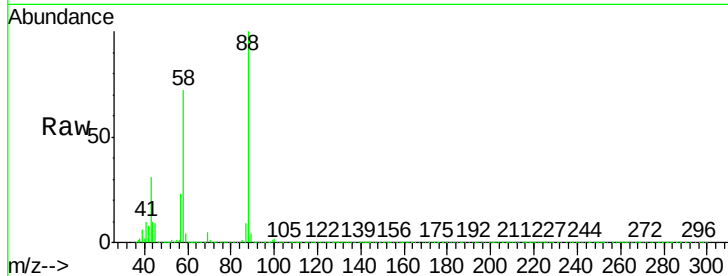
#49
1,4-Dioxane
Concen: 944.235 ug/l
RT: 7.71 min Scan# 1120
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	30.1	45.1
58	73.4	60.6	90.8

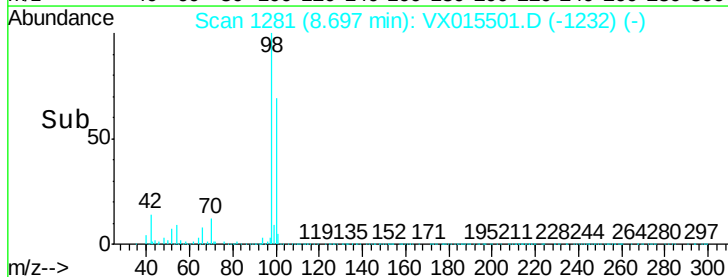
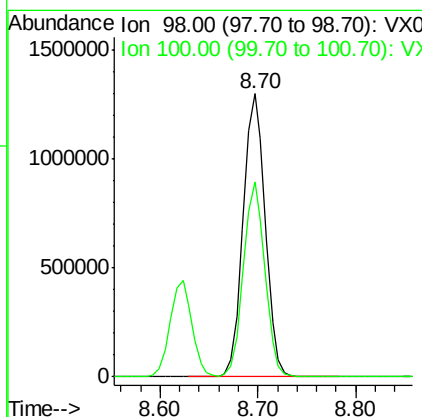
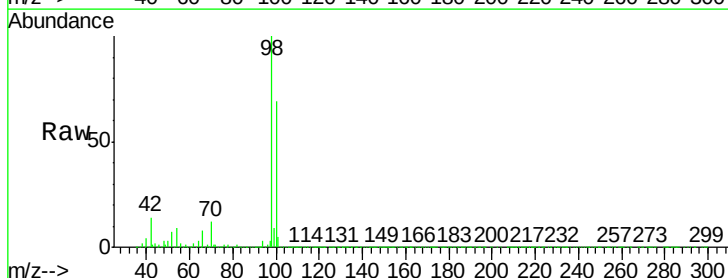
Manual Integrations
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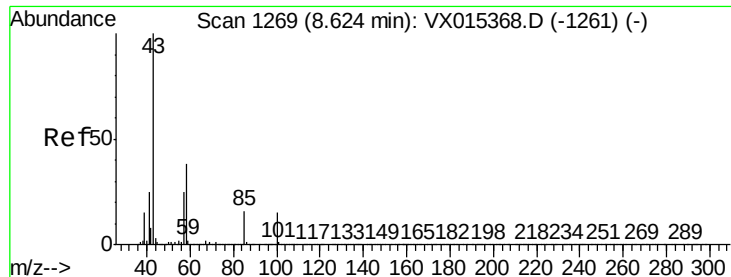
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#50
Toluene-d8
Concen: 49.113 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 233.956 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Tot Ion: 43 Resp: 4744500

Ion Ratio Lower Upper

43 100

58 37.0 29.7 44.5

Instrument :

MSVOA_X

ClientSampleId :

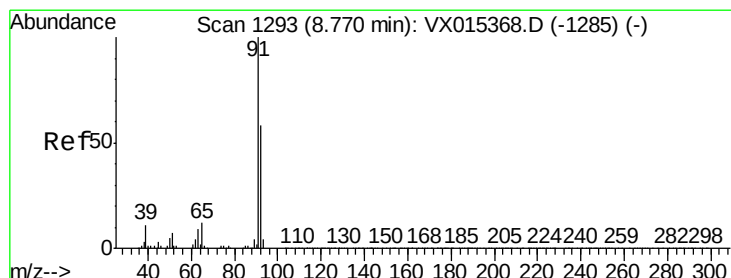
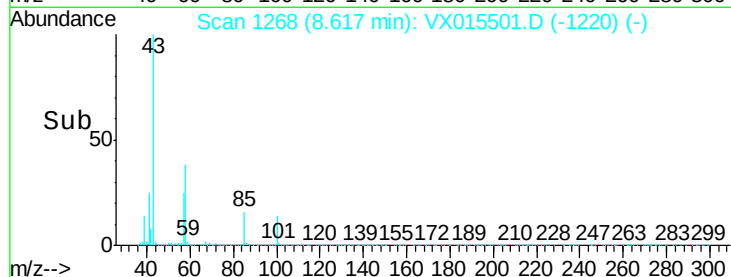
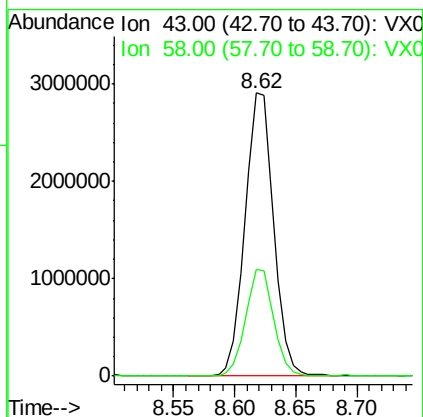
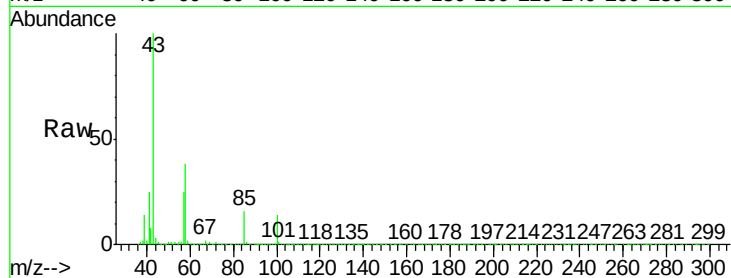
VSTDCCC050

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#52

Toluene

Concen: 52.775 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015501.D

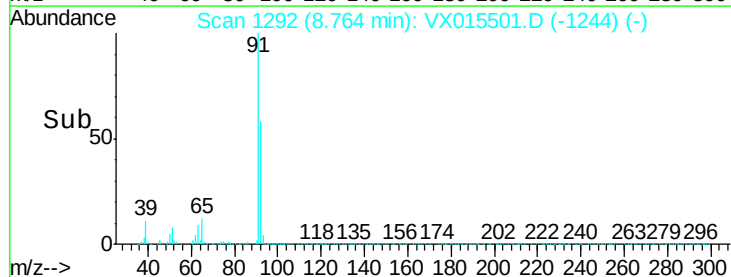
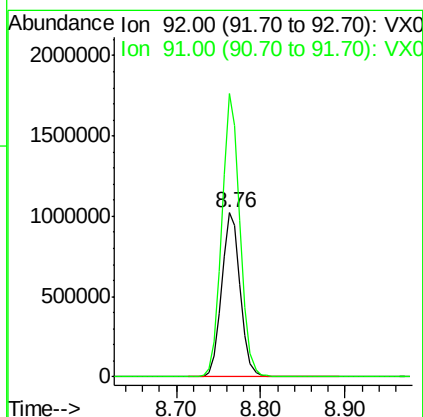
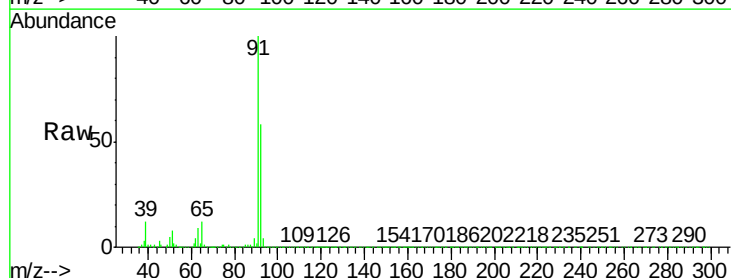
Acq: 06 Apr 2020 10:24

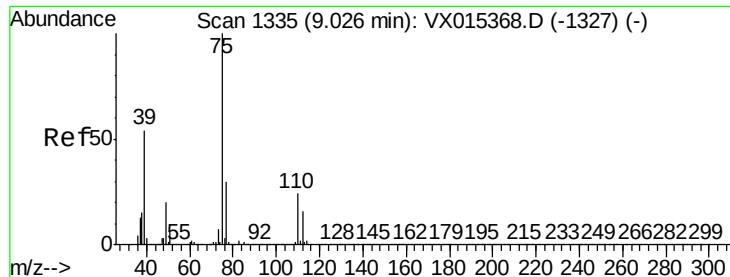
Tgt Ion: 92 Resp: 1551635

Ion Ratio Lower Upper

92 100

91 168.6 136.6 205.0





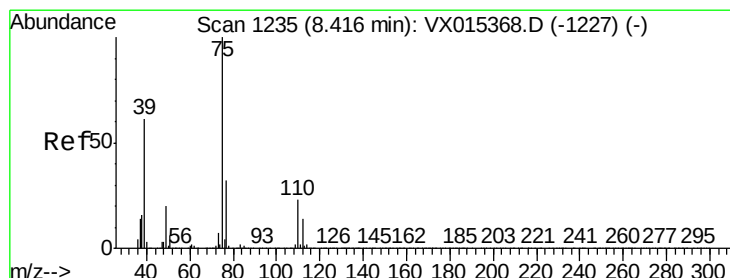
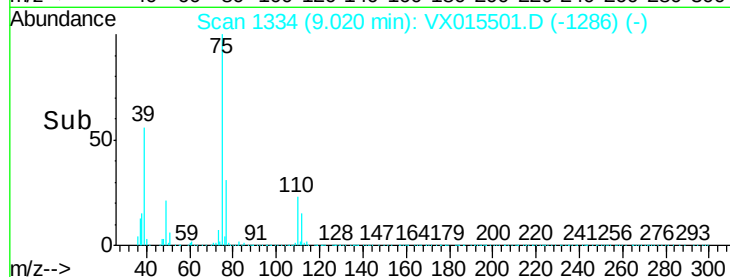
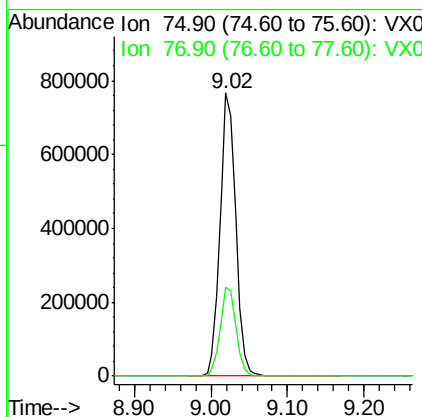
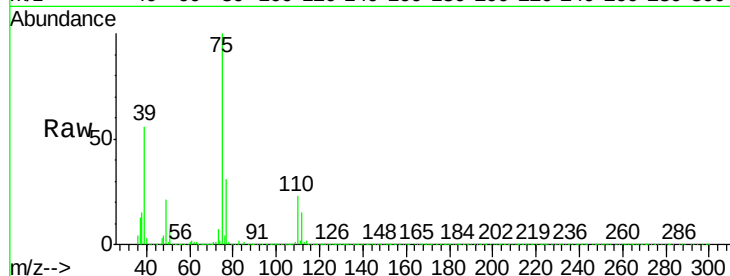
#53
t-1,3-Dichloropropene
Concen: 50.936 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 1089320
Ion Ratio Lower Upper
75 100
77 31.3 24.1 36.1

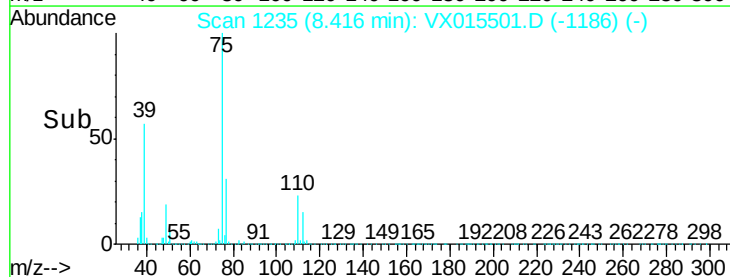
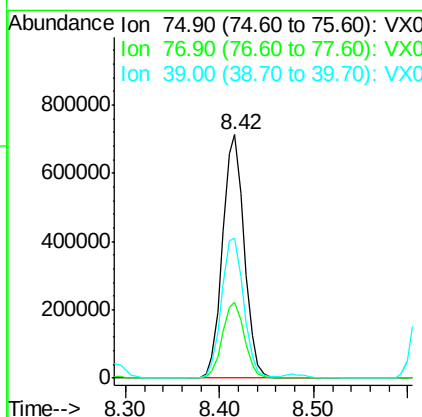
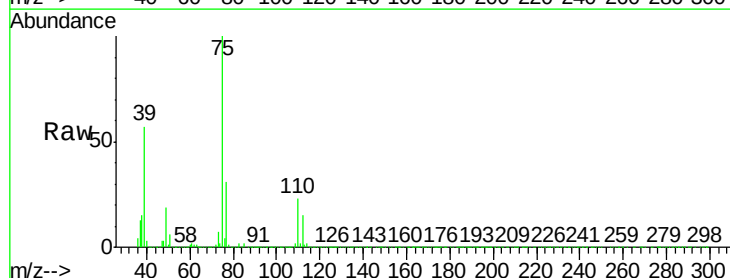
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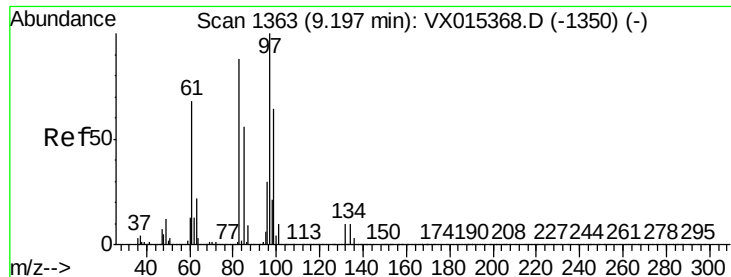
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.018 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion: 75 Resp: 1133227
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.6
39 57.3 49.0 73.4





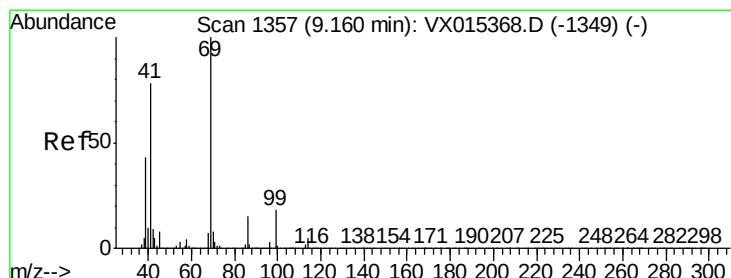
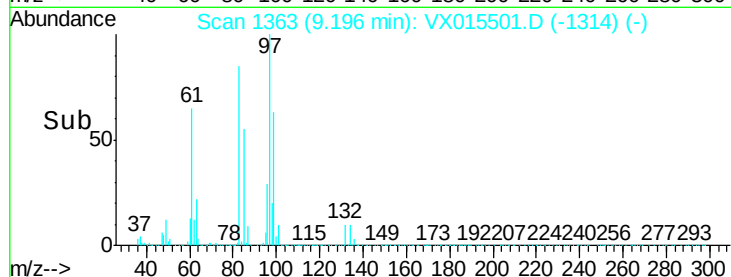
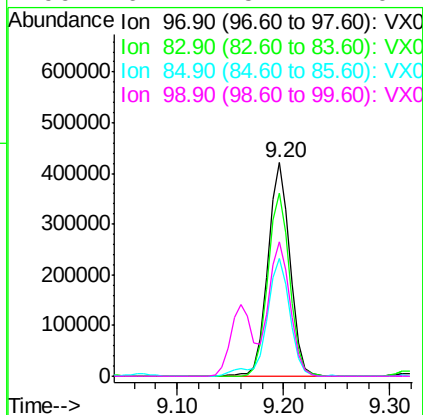
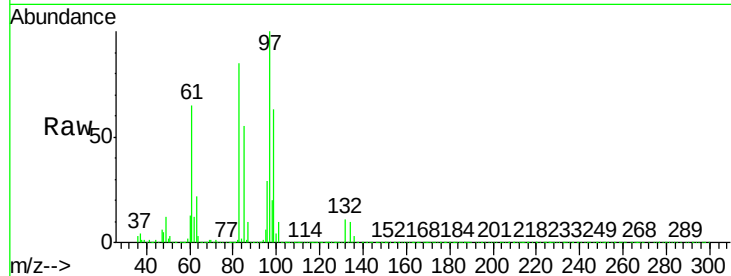
#55
 1,1,2-Trichloroethane
 Concen: 50.635 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	609936
Ion	Ratio	Lower	Upper
97	100		
83	85.3	70.2	105.4
85	55.2	44.7	67.1
99	62.7	51.1	76.7

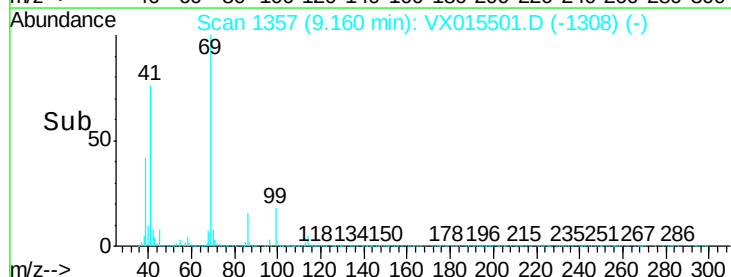
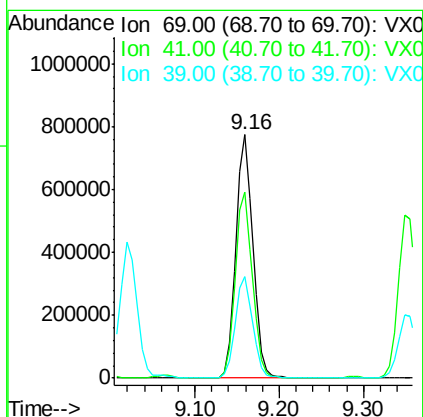
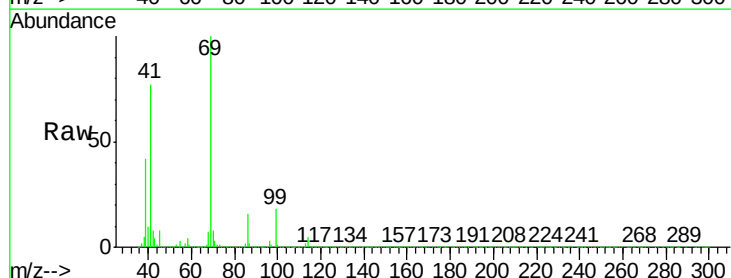
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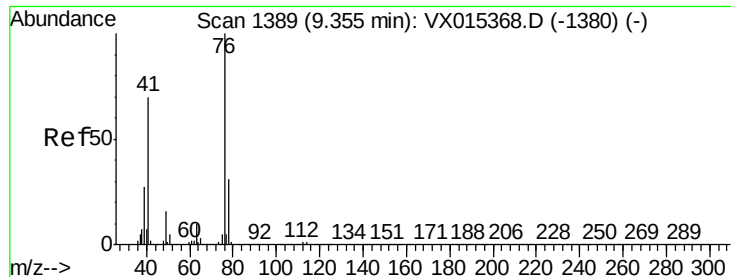
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 49.462 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Tgt Ion:	69	Resp:	1050035
Ion	Ratio	Lower	Upper
69	100		
41	77.1	61.6	92.4
39	42.3	34.0	51.0





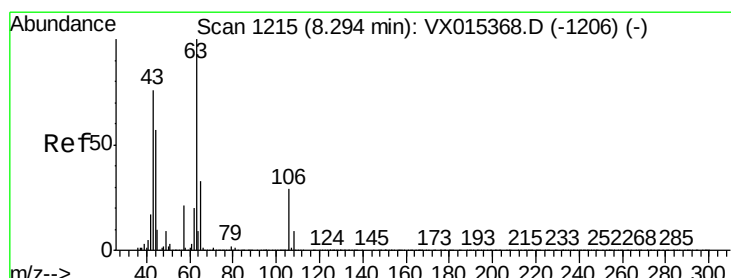
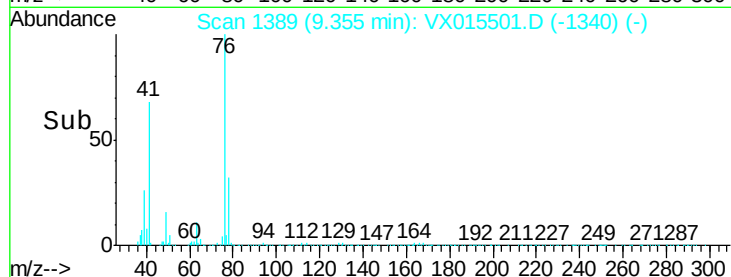
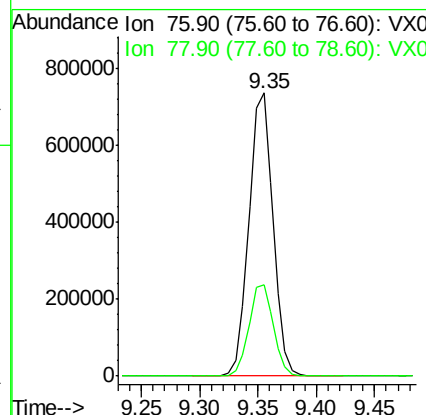
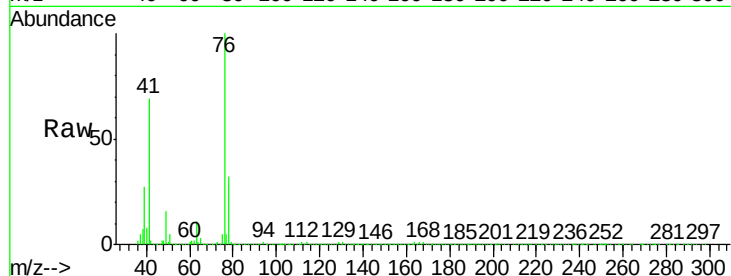
#57
 1,3-Dichloropropane
 Concen: 49.113 ug/l
 RT: 9.35 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 1065881
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8

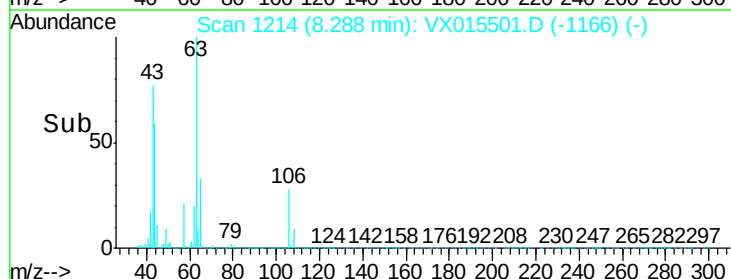
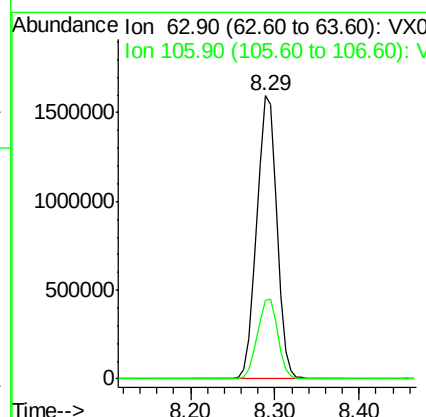
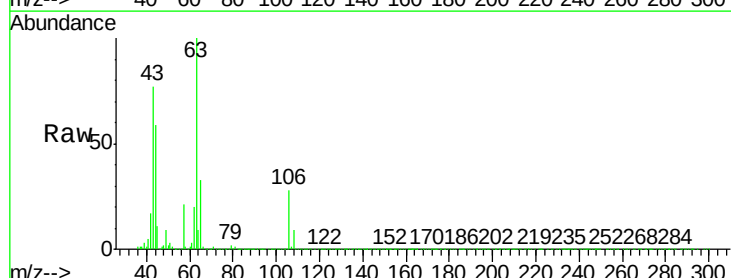
Manual Integrations
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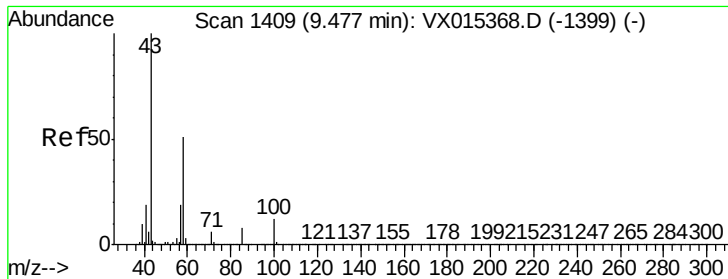
MMDadoda
 4/7/2020 11:58:52 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.879 ug/l
 RT: 8.29 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Tgt Ion: 63 Resp: 2569918
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.7 34.1





#59

2-Hexanone

Concen: 246.113 ug/l

RT: 9.47 min Scan# 1408

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3768140

Ion Ratio Lower Upper

43 100

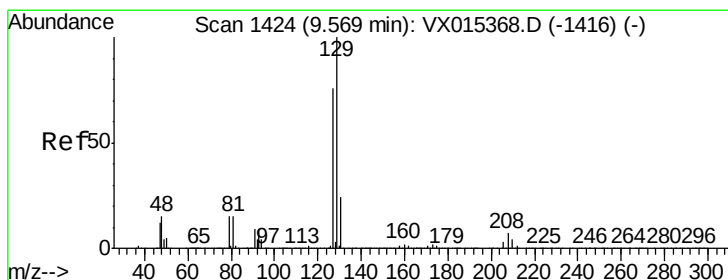
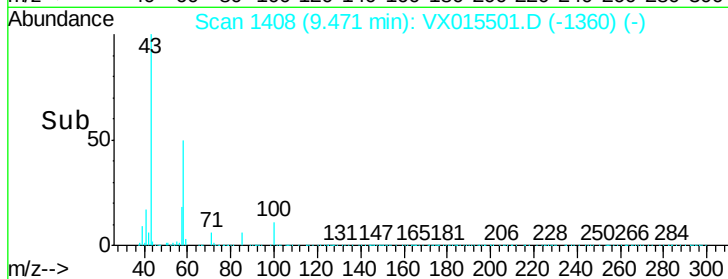
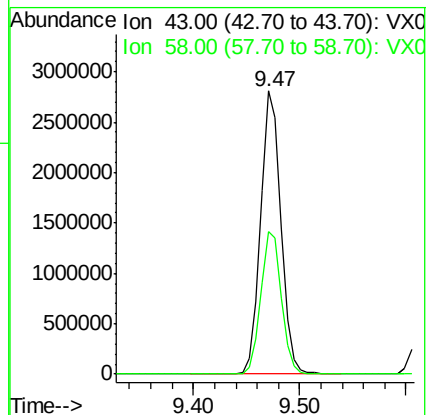
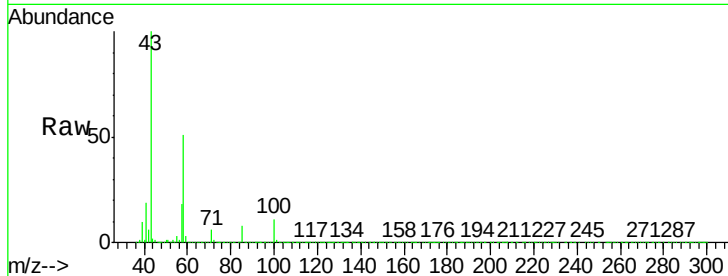
58 51.3 25.6 76.6

Manual Integrations

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MMDadoda

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#60

Dibromochloromethane

Concen: 50.777 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. -0.00 min

Lab File: VX015501.D

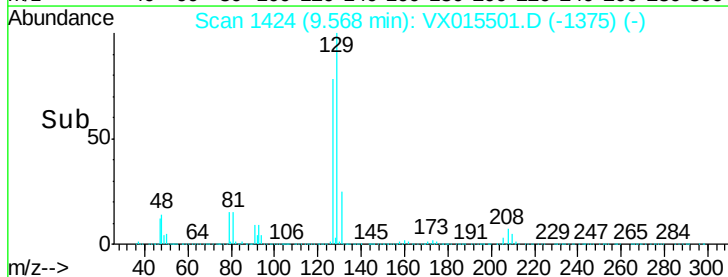
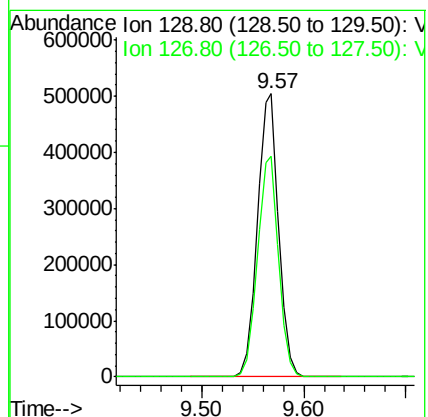
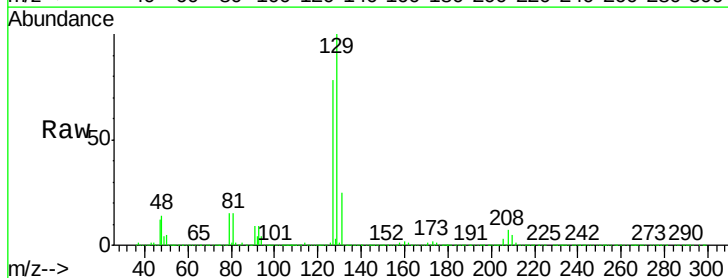
Acq: 06 Apr 2020 10:24

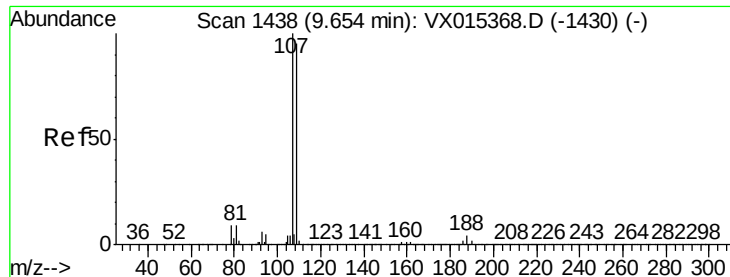
Tgt Ion:129 Resp: 734985

Ion Ratio Lower Upper

129 100

127 77.5 38.2 114.6





#61

1,2-Dibromoethane

Concen: 50.191 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 657393

Ion Ratio Lower Upper

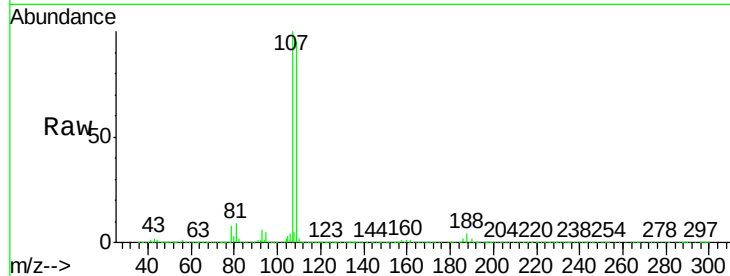
107 100

109 94.6 74.8 112.2

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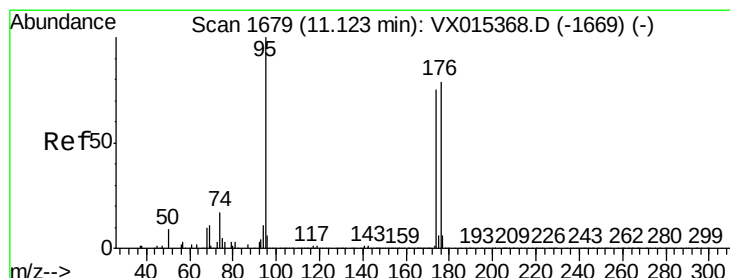
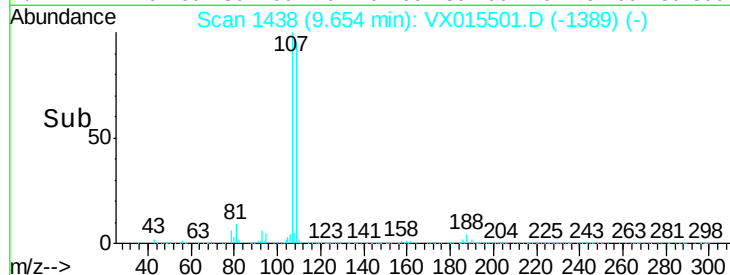
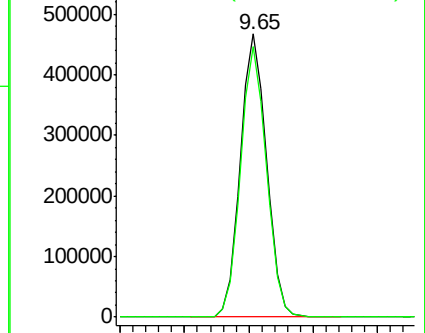
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.956 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

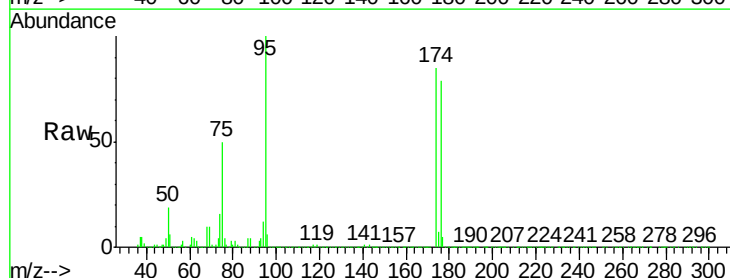
Tgt Ion: 95 Resp: 844241

Ion Ratio Lower Upper

95 100

174 82.3 0.0 158.6

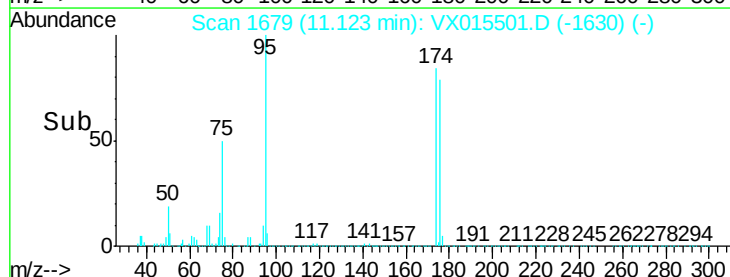
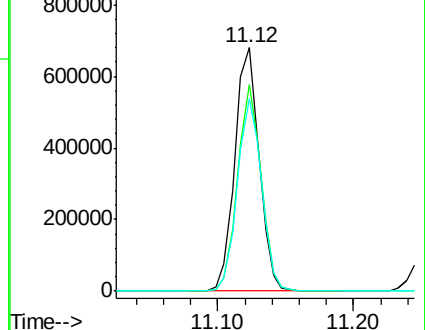
176 78.7 0.0 159.0

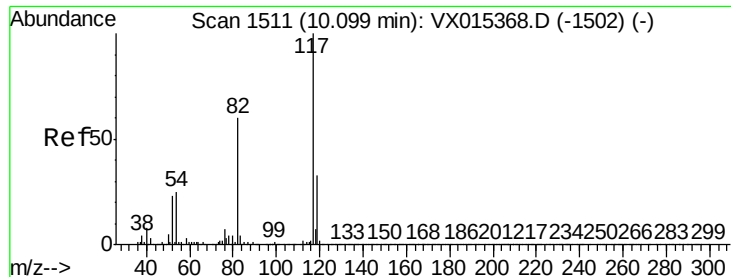


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





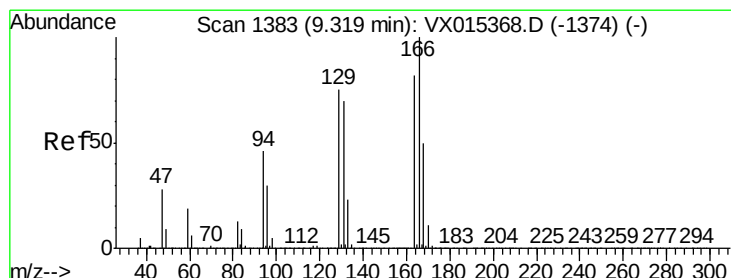
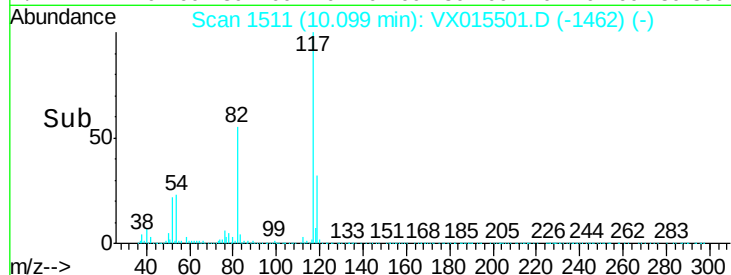
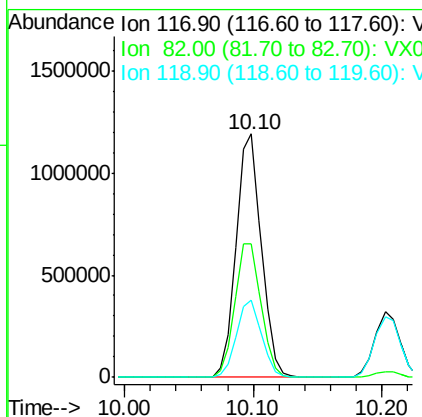
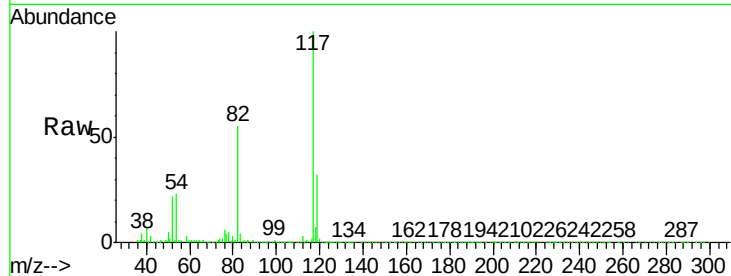
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	47.8	71.8
119	31.5	26.8	40.2

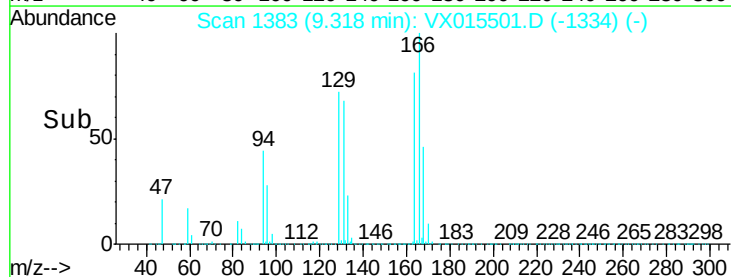
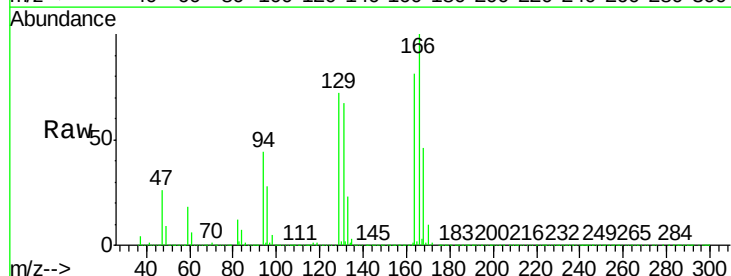
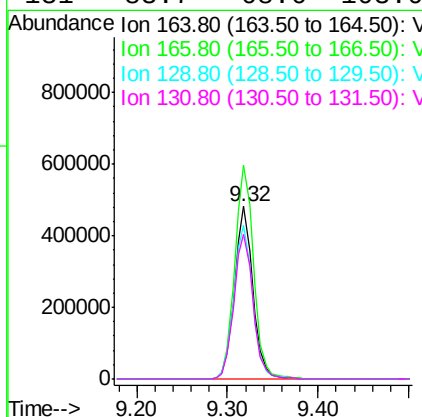
Manual Integrations
APPROVED

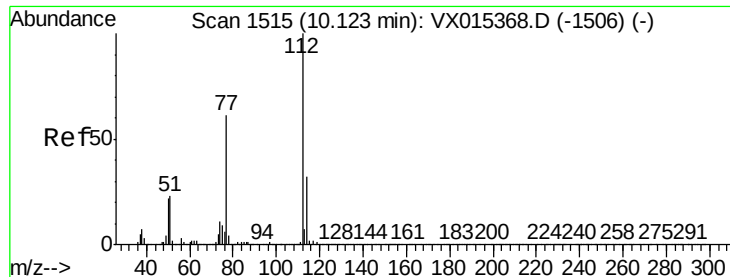
MMDadoda
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#64
Tetrachloroethene
Concen: 55.026 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.0	97.8	146.6
129	89.5	73.0	109.4
131	83.7	68.6	103.0





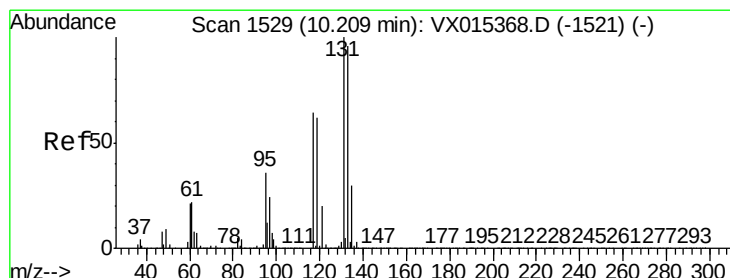
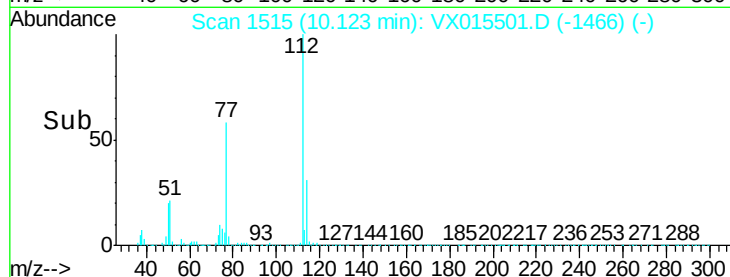
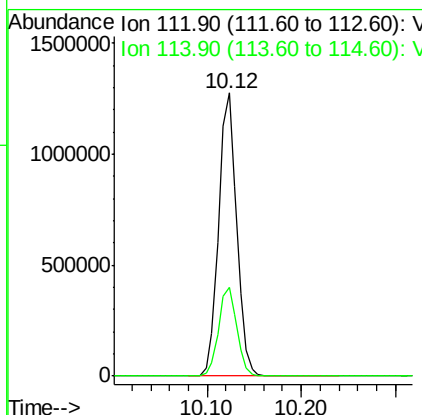
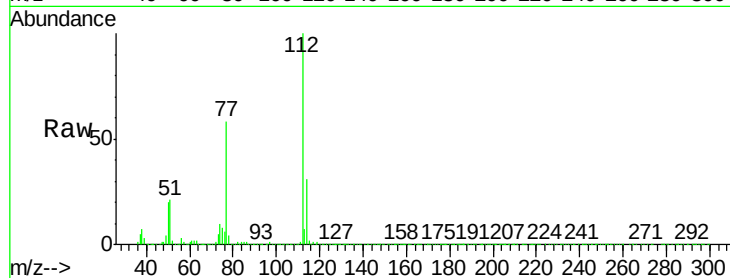
#65
Chlorobenzene
Concen: 52.501 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1694583
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3

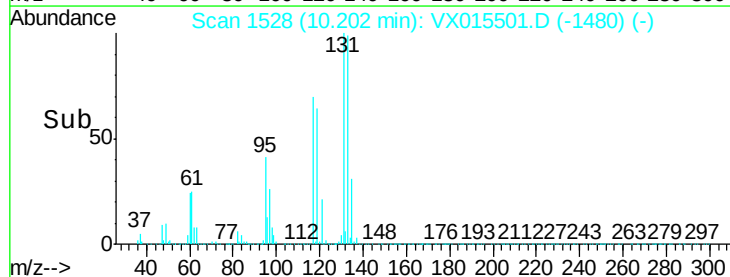
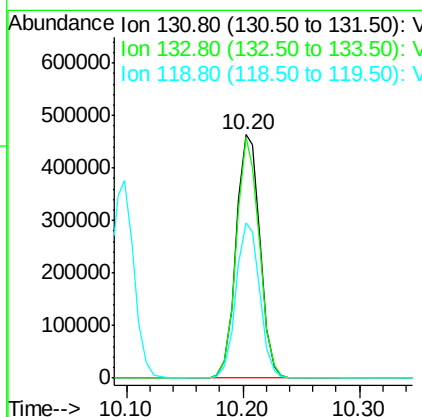
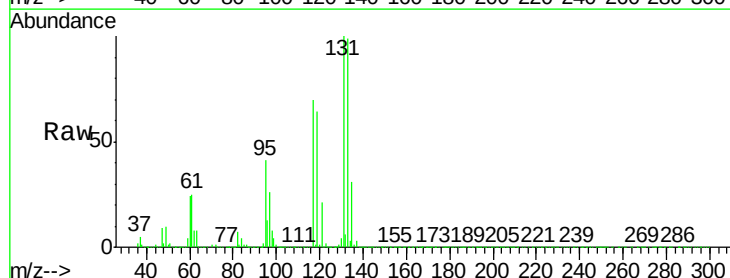
Manual Integrations
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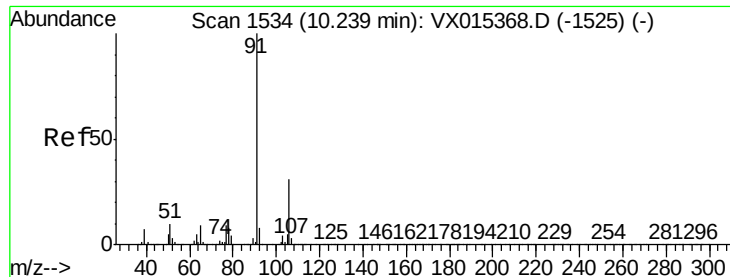
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.195 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion:131 Resp: 660150
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 63.4 31.1 93.3





#67

Ethyl Benzene

Concen: 53.120 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 3040937

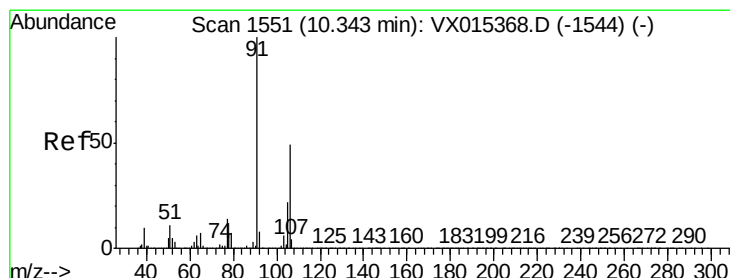
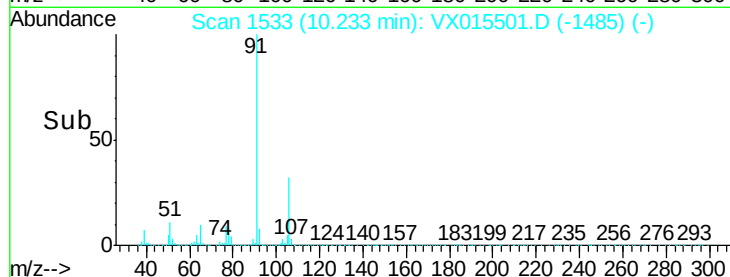
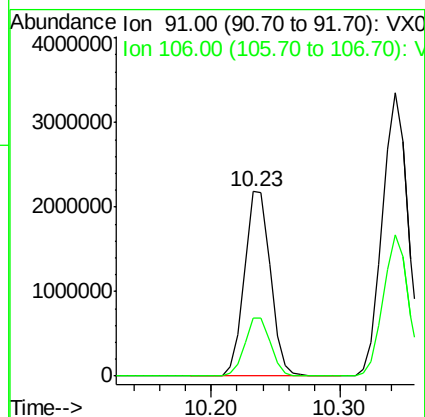
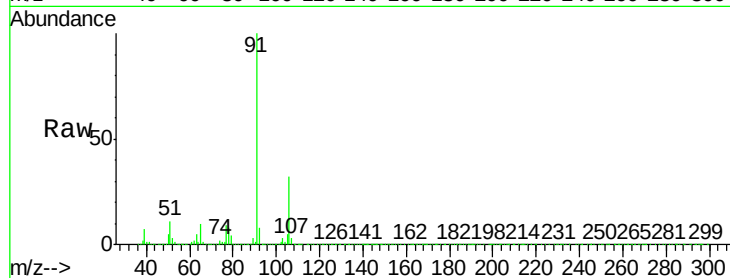
Ion Ratio Lower Upper

91 100

106 31.5 24.8 37.2

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#68

m/p-Xylenes

Concen: 106.336 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015501.D

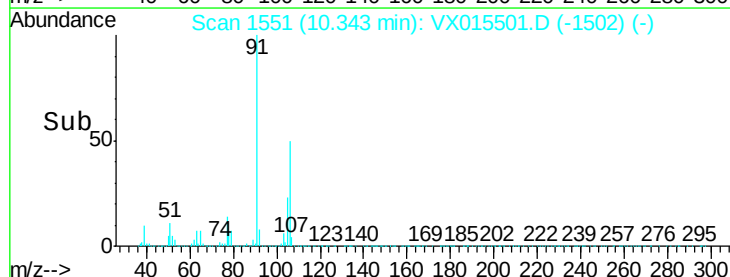
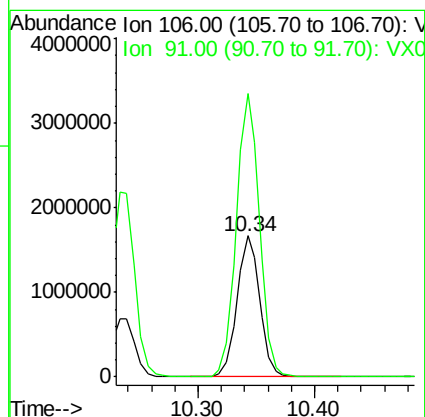
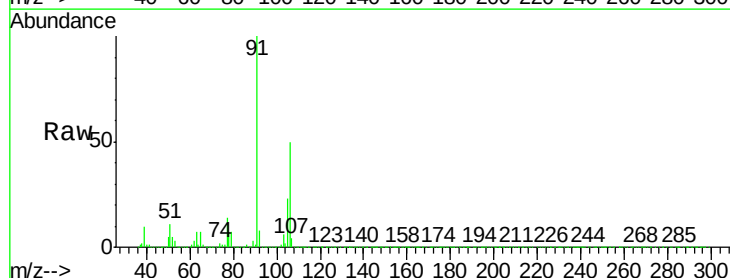
Acq: 06 Apr 2020 10:24

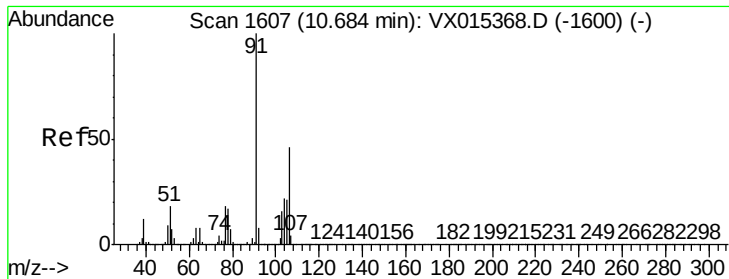
Tgt Ion: 106 Resp: 2266746

Ion Ratio Lower Upper

106 100

91 204.5 163.4 245.0





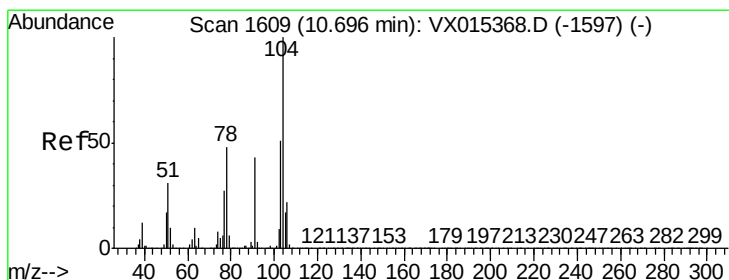
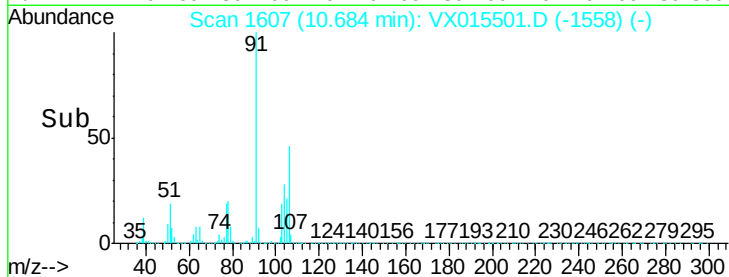
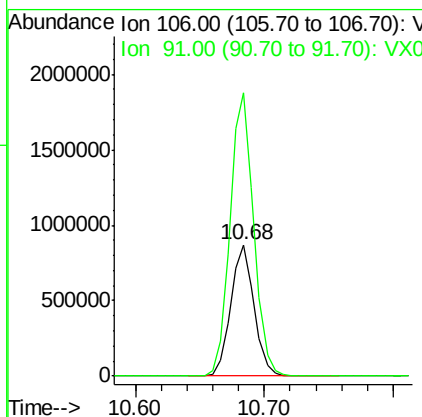
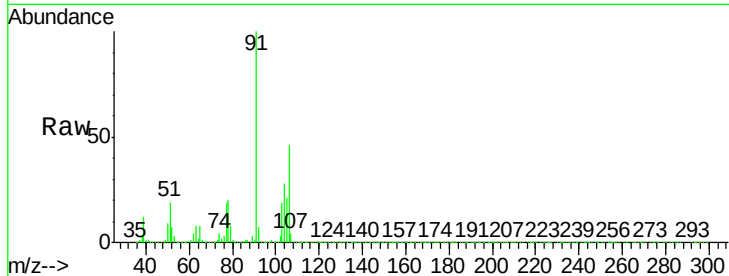
#69
o-Xylene
Concen: 52.095 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 1097360
Ion Ratio Lower Upper
106 100
91 219.4 107.1 321.3

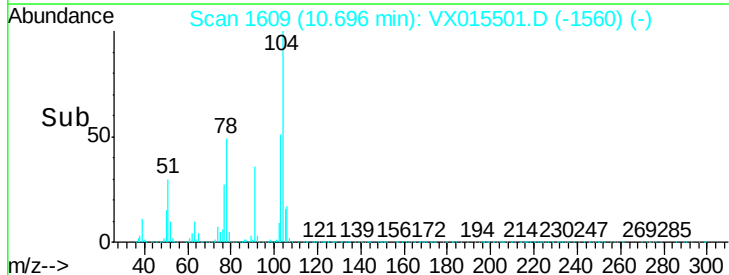
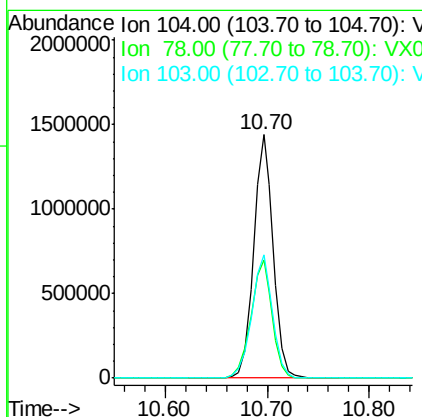
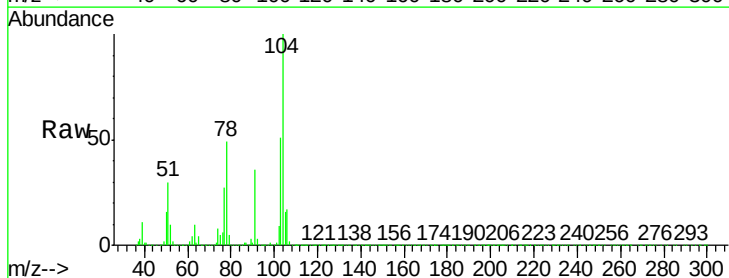
Manual Integrations
APPROVED

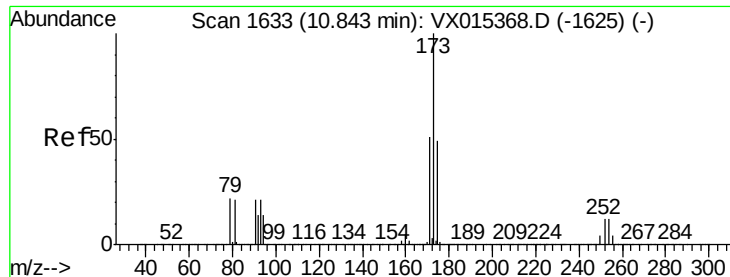
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#70
Styrene
Concen: 51.923 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion:104 Resp: 1924618
Ion Ratio Lower Upper
104 100
78 52.7 42.0 63.0
103 54.0 43.4 65.0





#71

Bromoform

Concen: 50.128 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

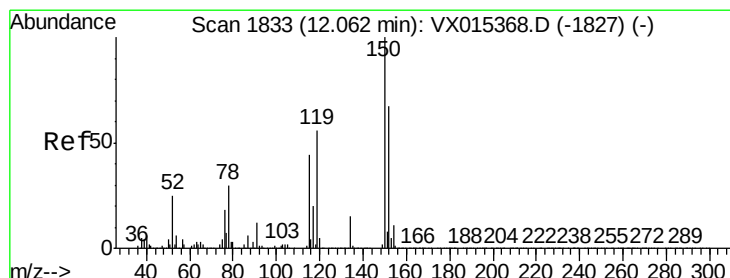
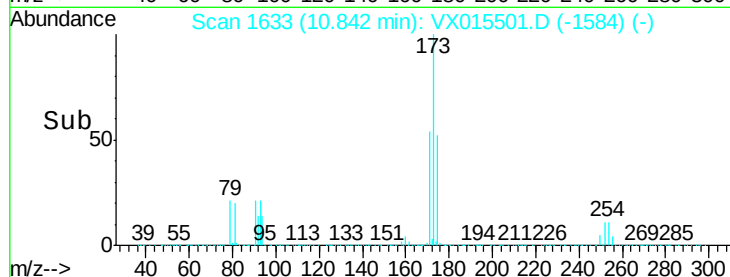
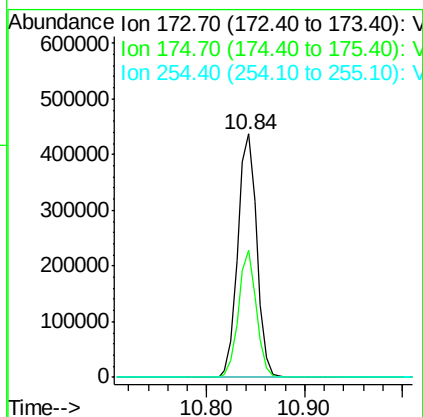
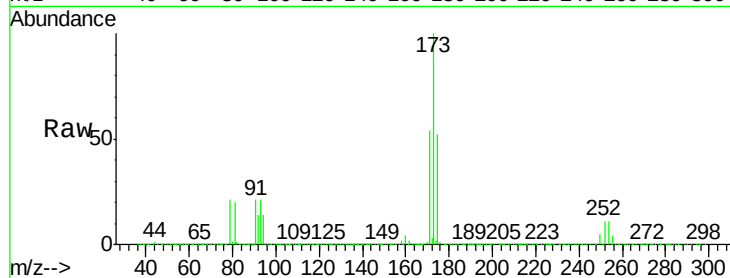
ClientSampled :

VSTDCCC050

Tot Ion:	173	Resp:	588440
Ion Ratio	Lower	Upper	
173	100		
175	48.9	23.9	71.7
254	0.3	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

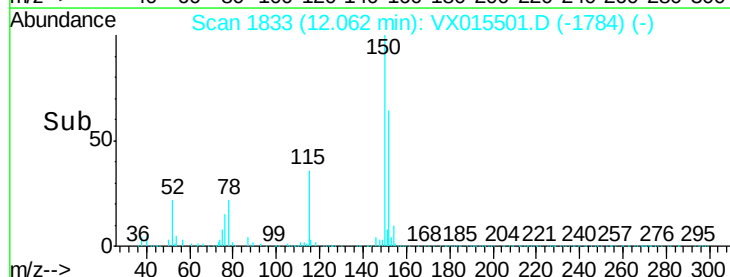
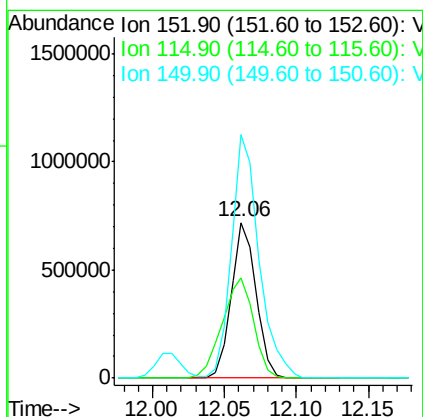
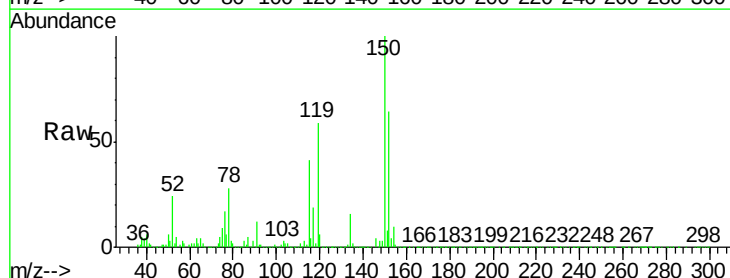
RT: 12.06 min Scan# 1833

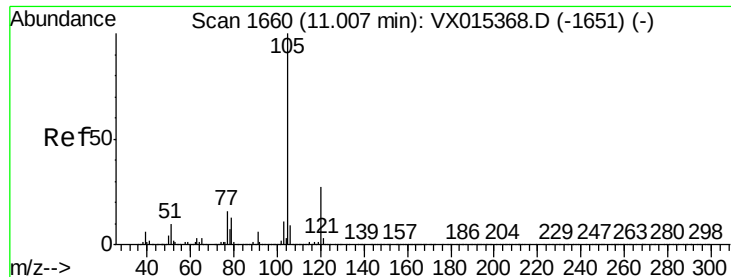
Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Tgt Ion:	152	Resp:	867303
Ion Ratio	Lower	Upper	
152	100		
115	81.5	39.0	116.9
150	174.0	0.0	340.8





#73

Isopropylbenzene

Concen: 51.816 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2944564

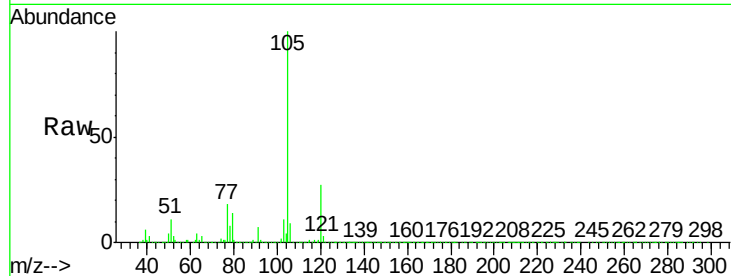
Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

1500000

1000000

500000

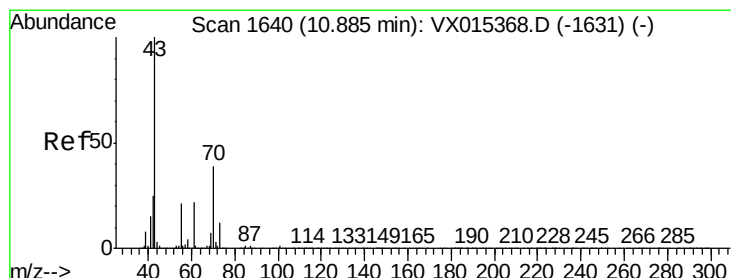
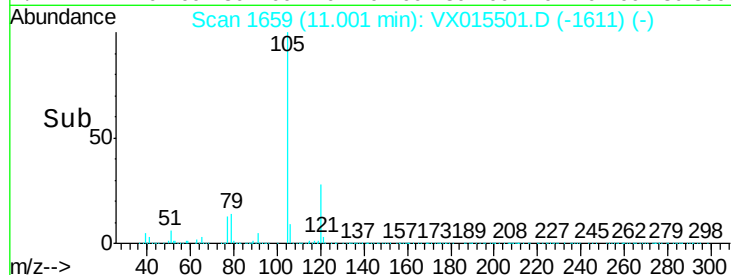
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 47.713 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Tgt Ion: 43 Resp: 1508030

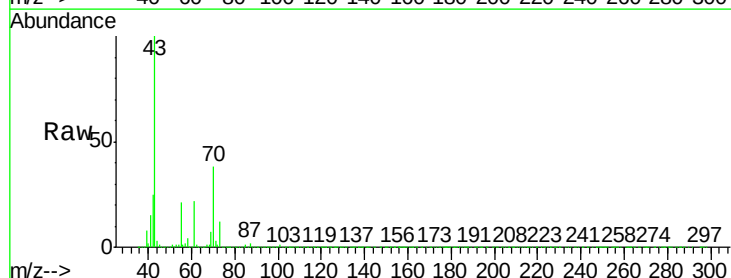
Ion Ratio Lower Upper

43 100

70 38.4 30.2 45.4

55 21.6 16.8 25.2

61 22.8 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

2000000

1500000

1000000

500000

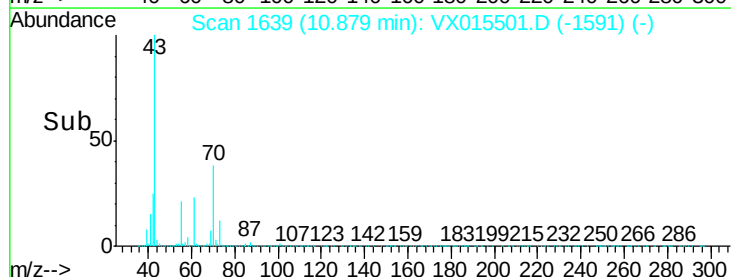
0

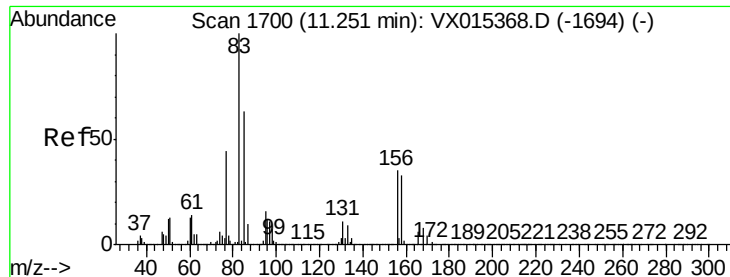
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.842 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

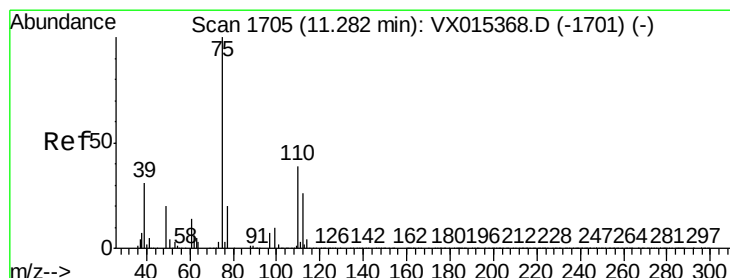
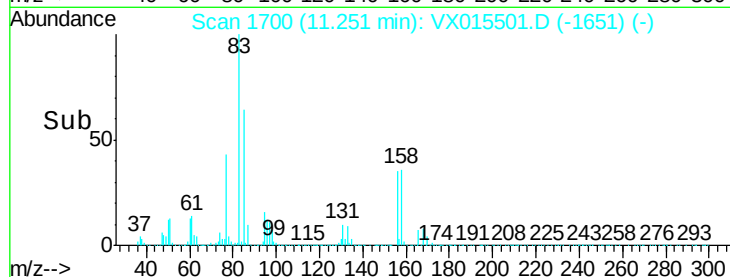
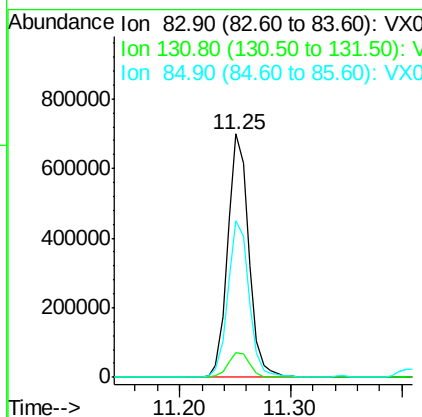
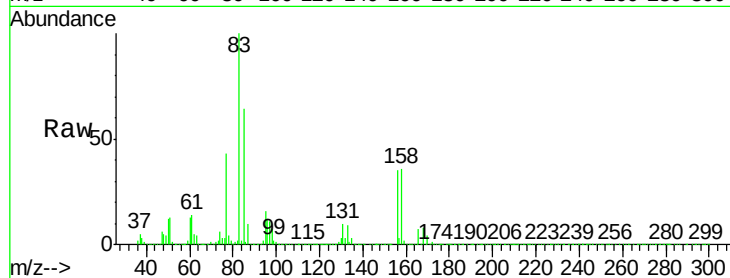
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	913411
Ion Ratio		Lower	Upper
83	100		
131	10.5	5.3	16.1
85	64.5	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.596 ug/l m

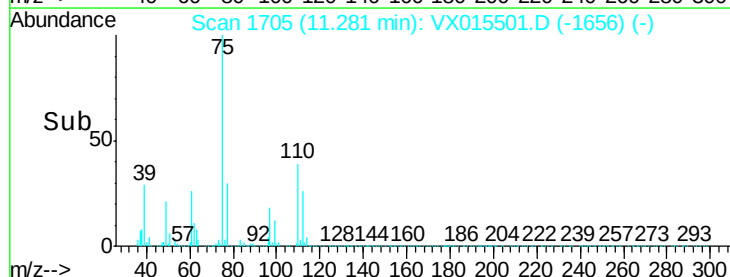
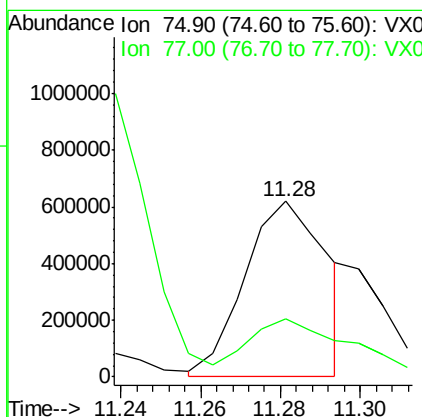
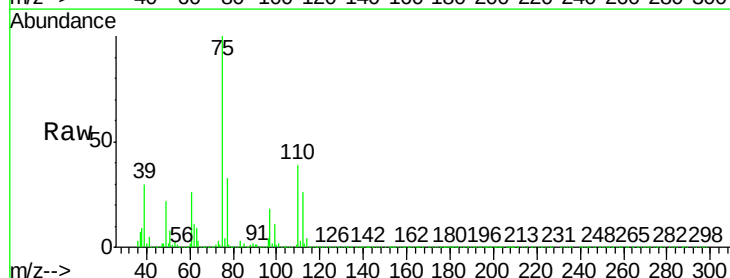
RT: 11.28 min Scan# 1705

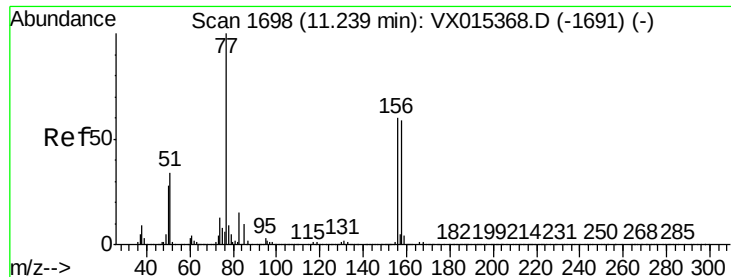
Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Tgt Ion:	75	Resp:	884559
Ion Ratio		Lower	Upper
75	100		
77	41.1	21.2	63.6





#77

Bromobenzene

Concen: 52.643 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

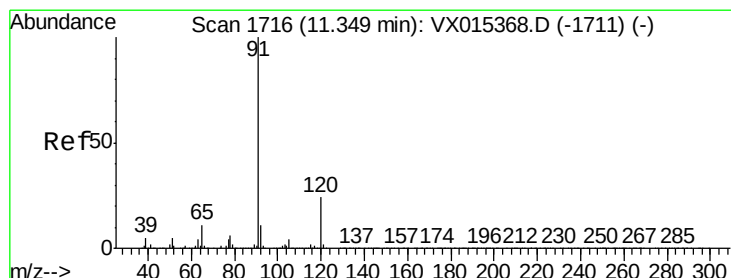
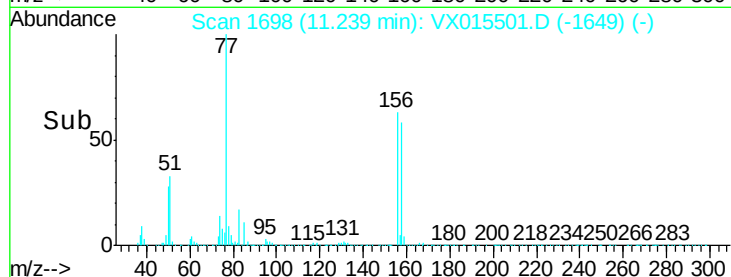
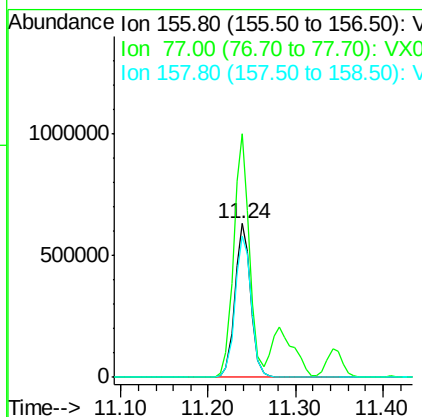
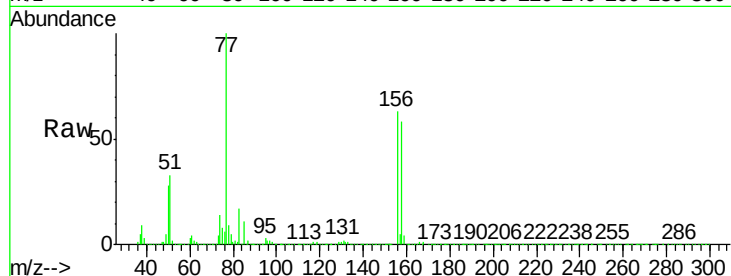
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	797970
Ion Ratio	Lower	Upper	
156	100		
77	156.7	82.2	246.5
158	94.8	49.3	147.9

Manual Integrations
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4/7/2020 11:58:52 AM



#78

n-propylbenzene

Concen: 53.806 ug/l

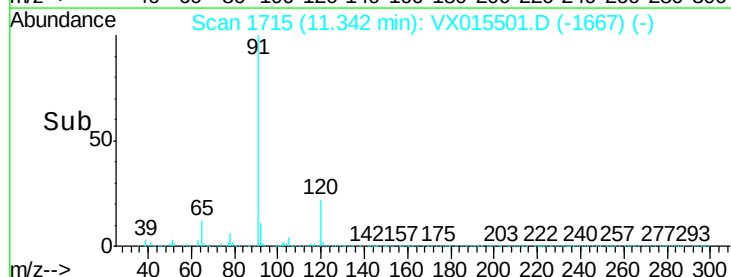
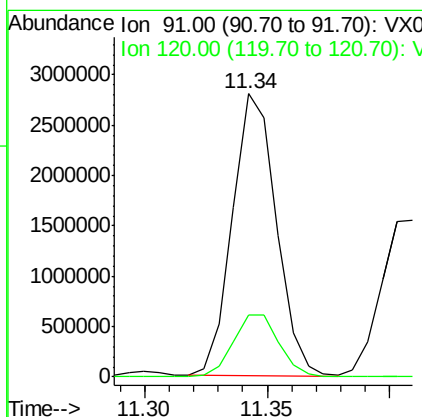
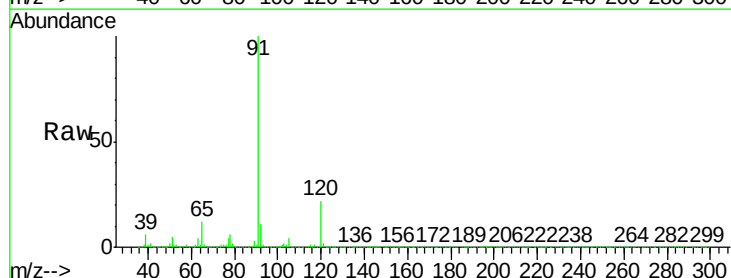
RT: 11.34 min Scan# 1715

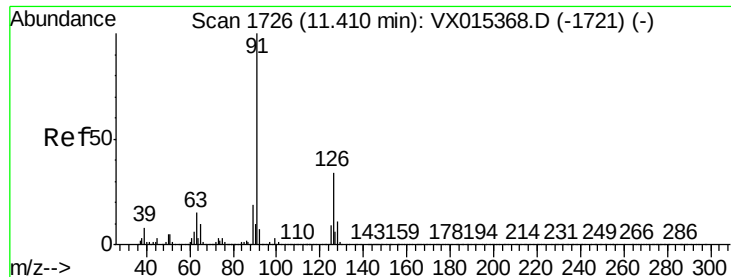
Delta R.T. -0.01 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Tgt Ion:	91	Resp:	3496361
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.0





#79

2-Chlorotoluene

Concen: 51.902 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 2067169

Ion Ratio Lower Upper

91 100

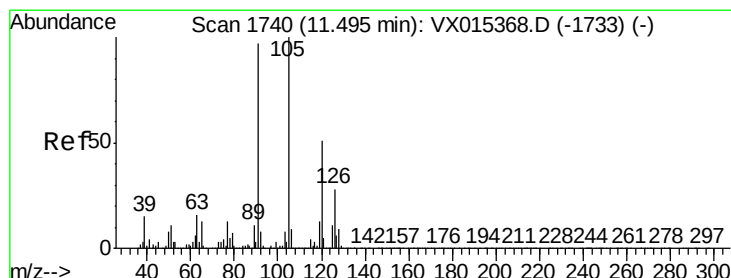
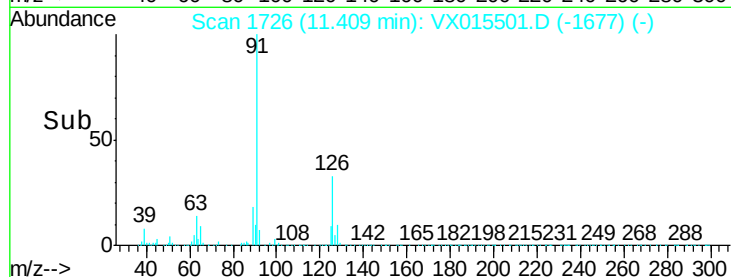
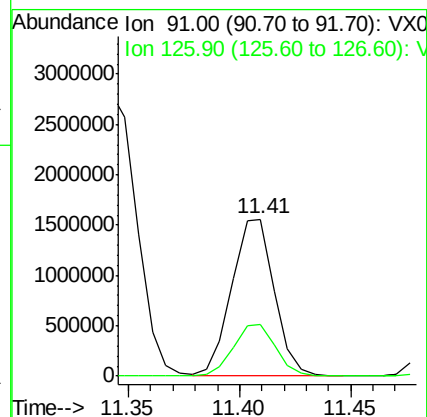
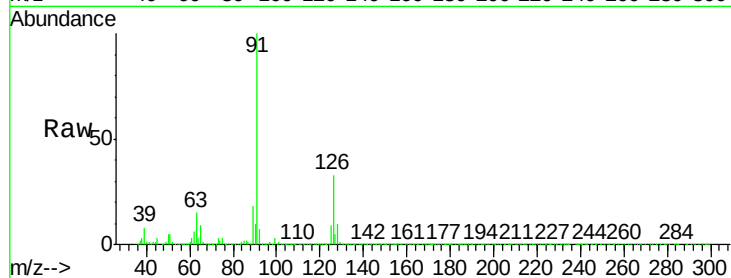
126 33.3 16.5 49.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 53.389 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015501.D

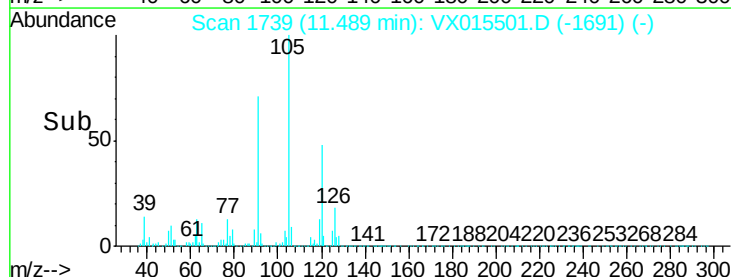
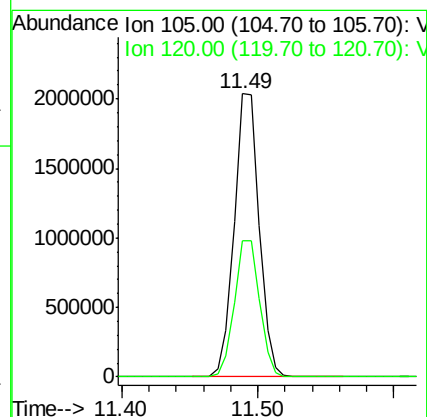
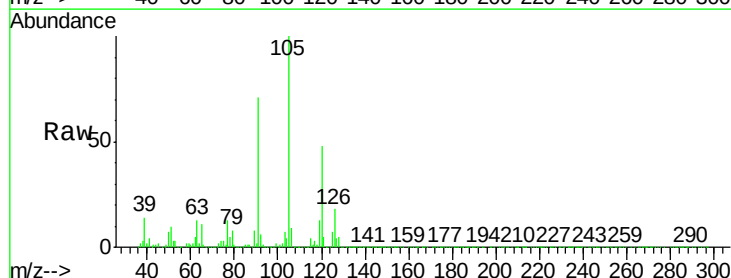
Acq: 06 Apr 2020 10:24

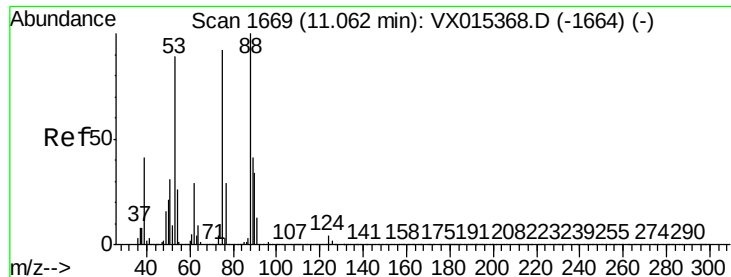
Tgt Ion: 105 Resp: 2591116

Ion Ratio Lower Upper

105 100

120 48.7 24.8 74.4





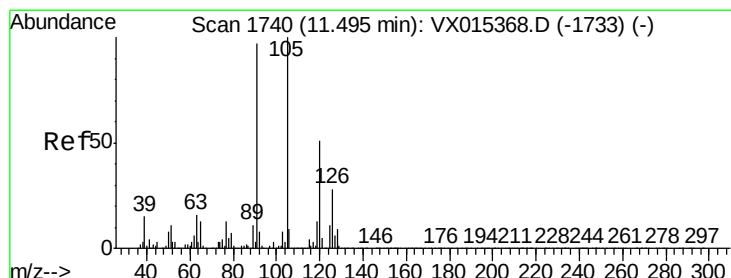
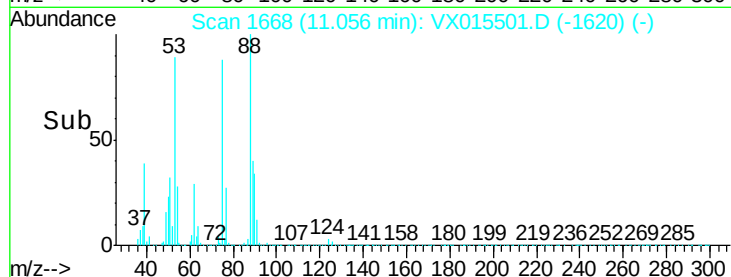
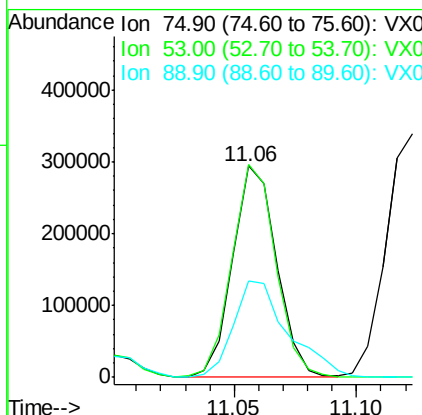
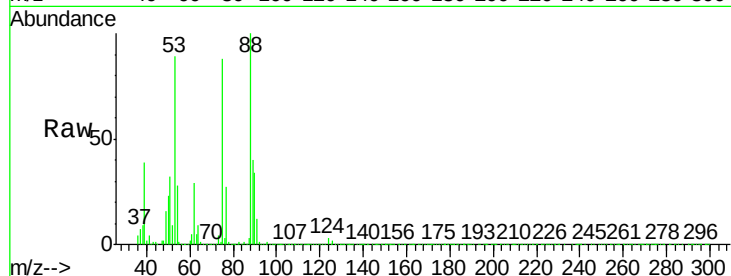
#81
trans-1,4-Dichloro-2-butene
Concen: 48.947 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.9	80.1	120.1
89	57.8	36.1	54.1#

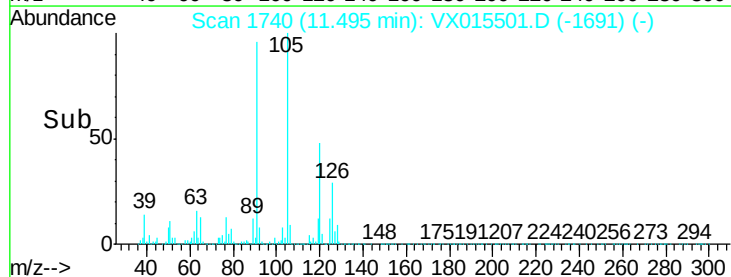
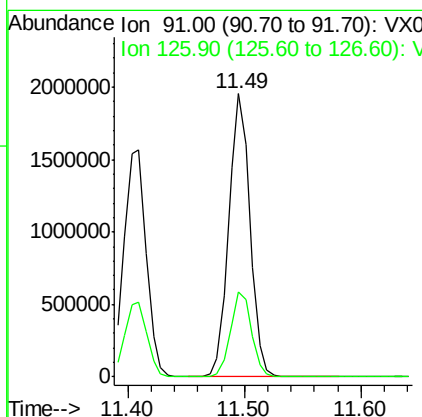
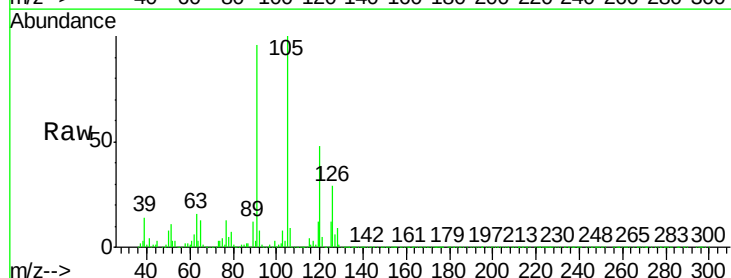
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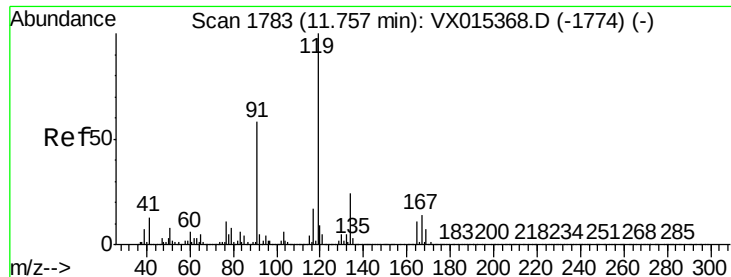
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.802 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.7	44.1





#83

tert-Butylbenzene

Concen: 53.601 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:119 Resp: 2541003

Ion Ratio Lower Upper

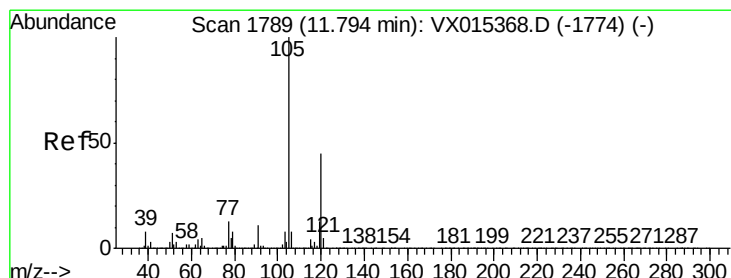
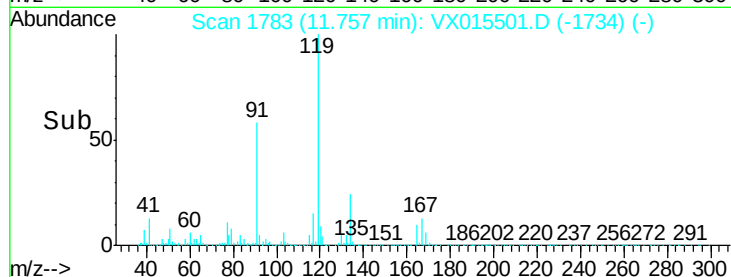
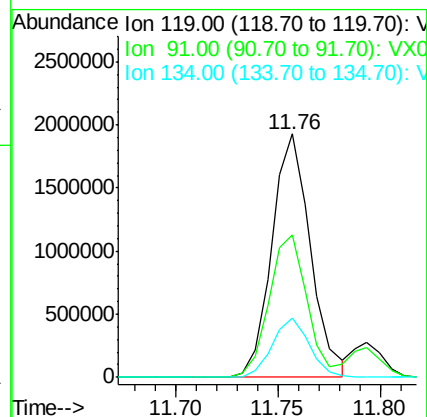
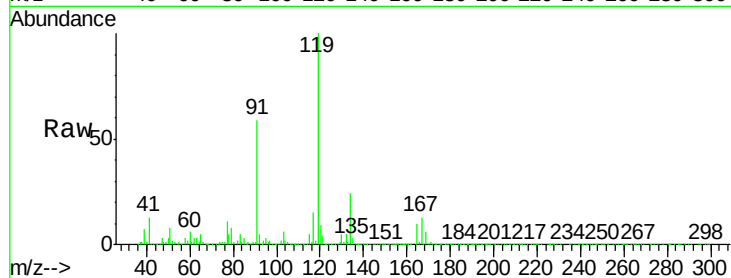
119 100

91 57.1 28.6 85.8

134 23.2 11.8 35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 52.422 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015501.D

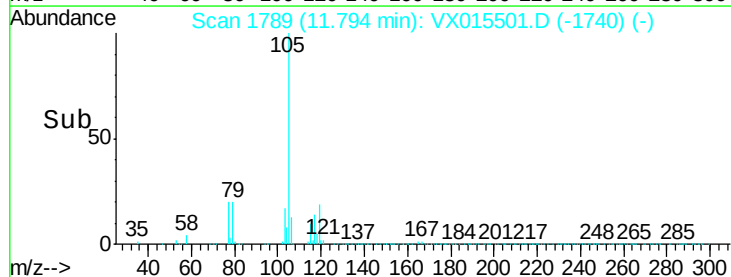
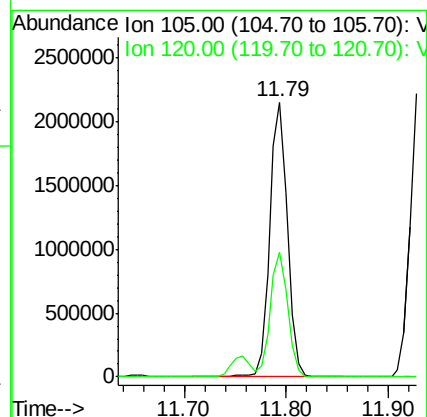
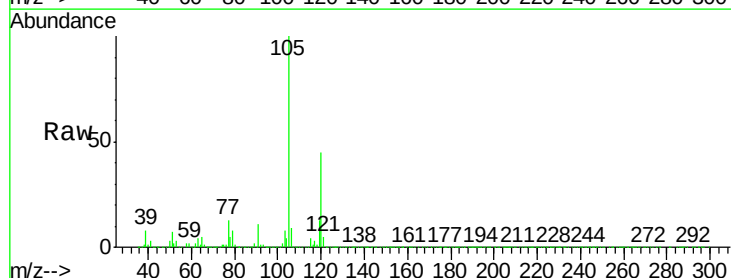
Acq: 06 Apr 2020 10:24

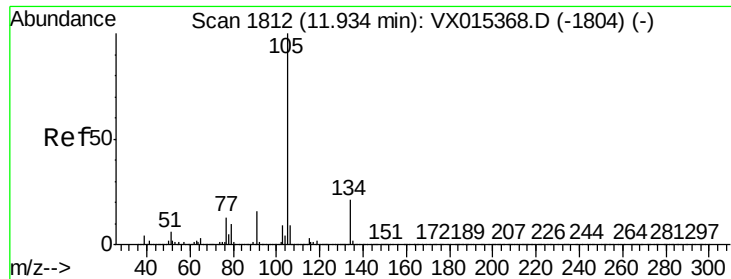
Tgt Ion:105 Resp: 2592610

Ion Ratio Lower Upper

105 100

120 45.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 54.808 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 3004953

Ion Ratio Lower Upper

105 100

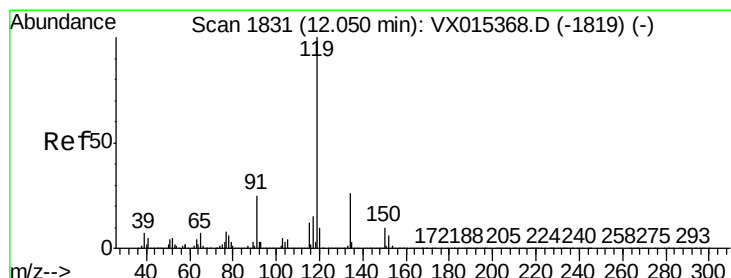
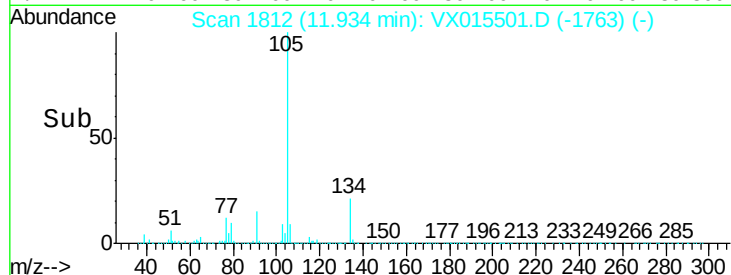
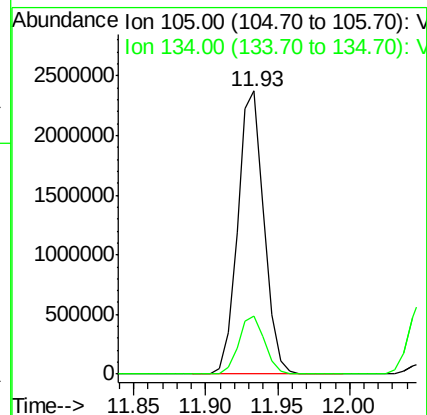
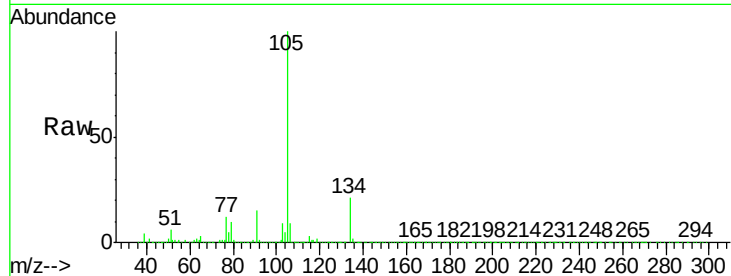
134 20.3 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 55.698 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

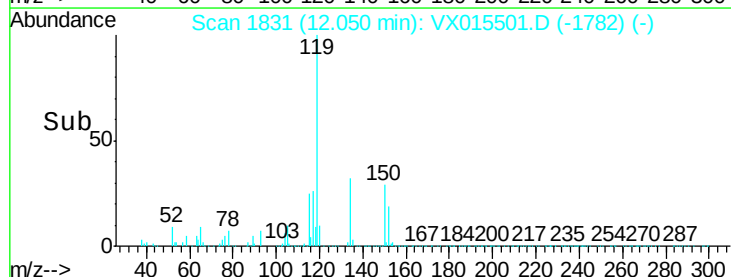
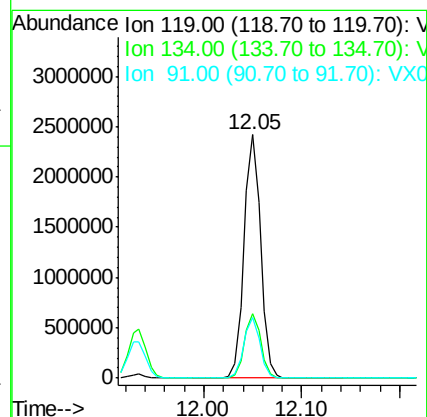
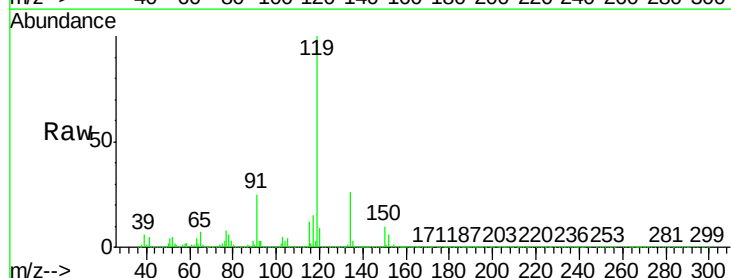
Tgt Ion:119 Resp: 2834920

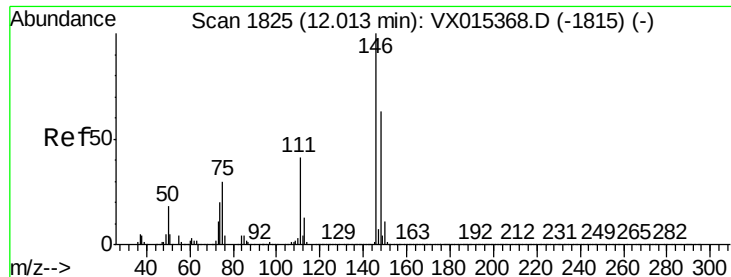
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.2 12.4 37.4





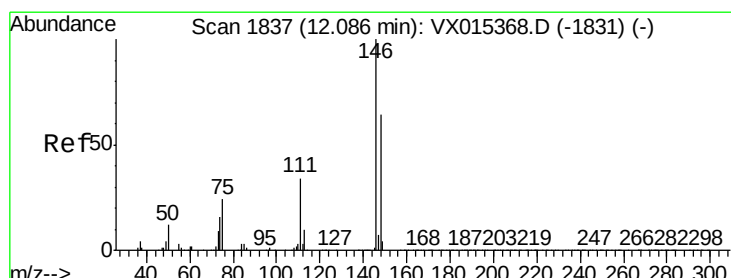
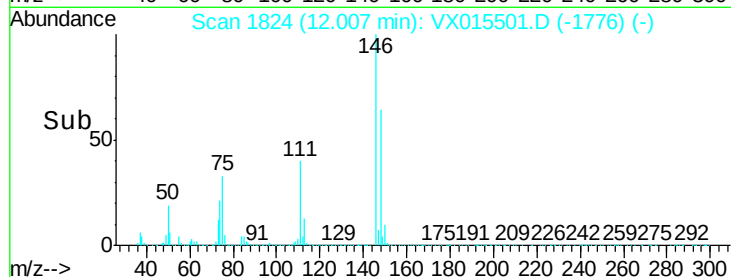
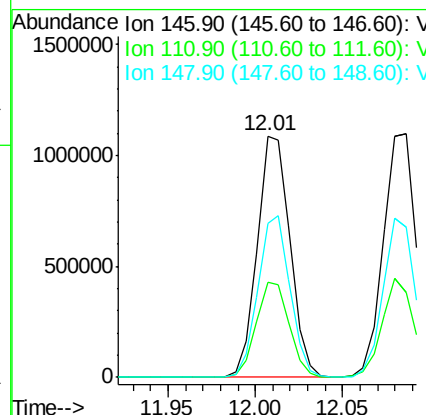
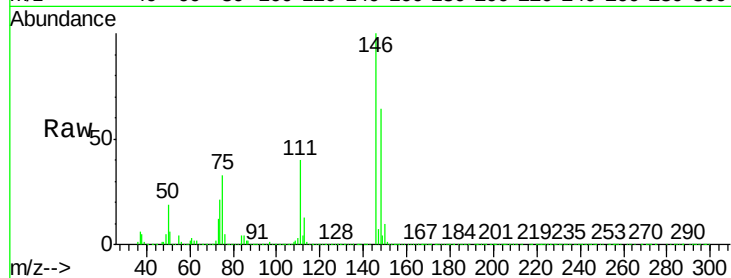
#87
 1,3-Dichlorobenzene
 Concen: 52.139 ug/l
 RT: 12.01 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.9
148	65.5	31.3	93.9

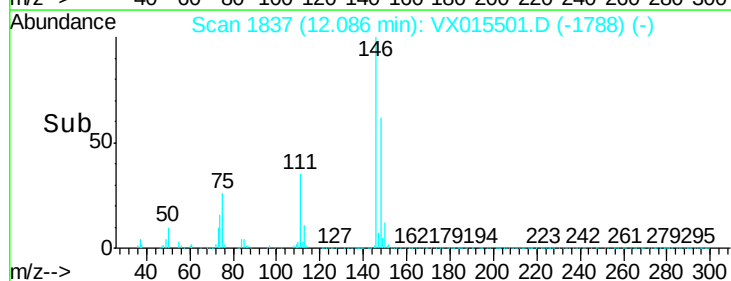
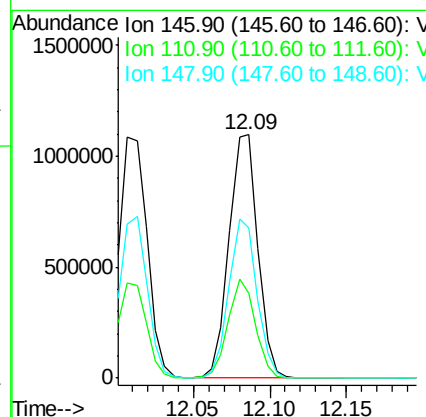
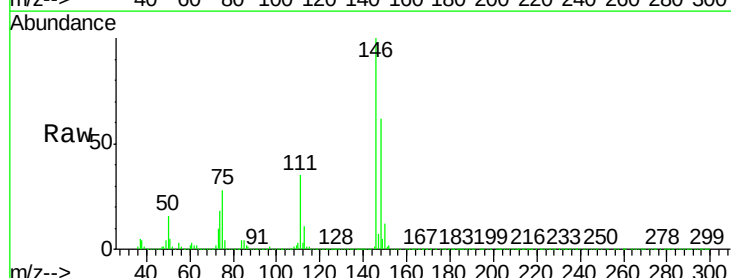
Manual Integrations
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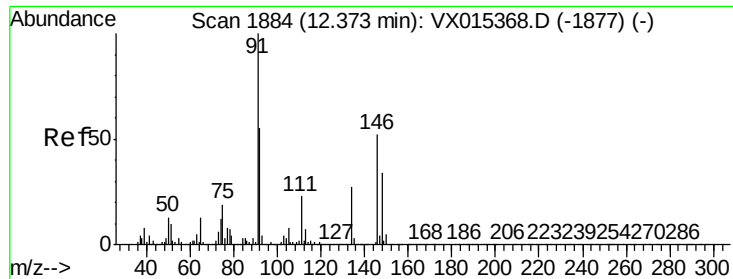
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#88
 1,4-Dichlorobenzene
 Concen: 51.827 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.5
148	63.8	32.4	97.2





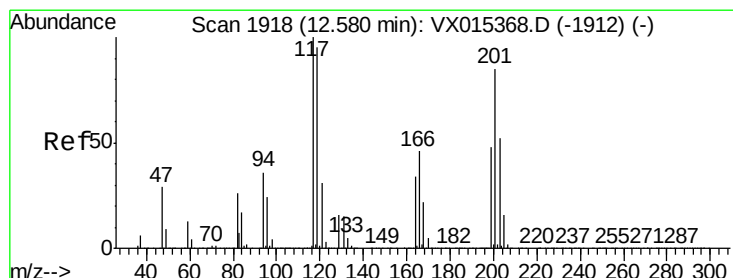
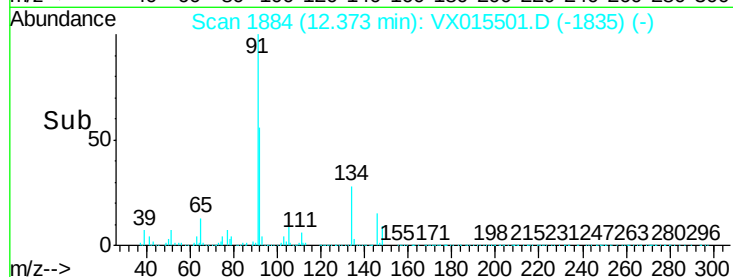
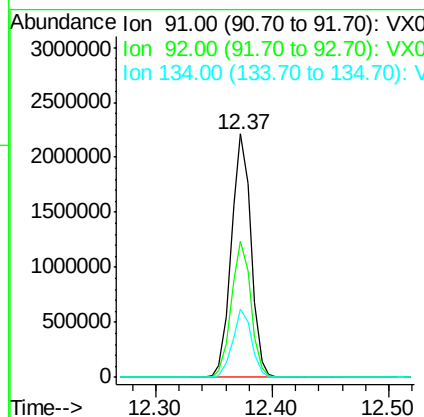
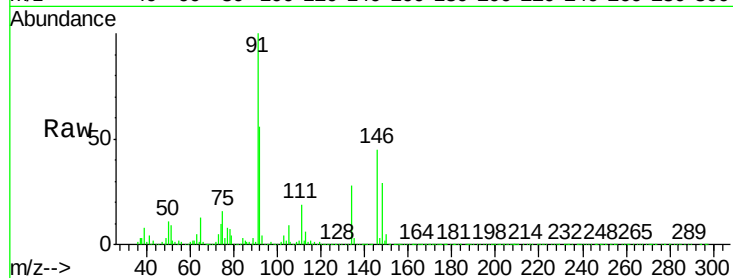
#89
n-Butylbenzene
Concen: 56.407 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.2	81.5
134	27.0	13.4	40.2

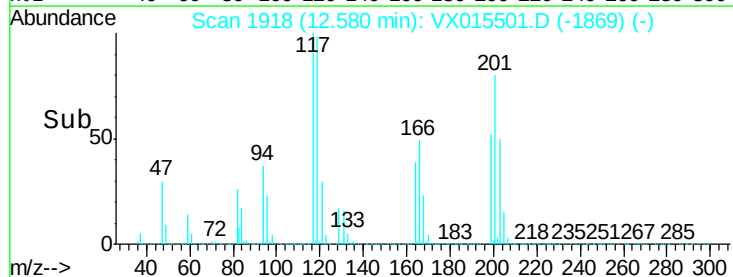
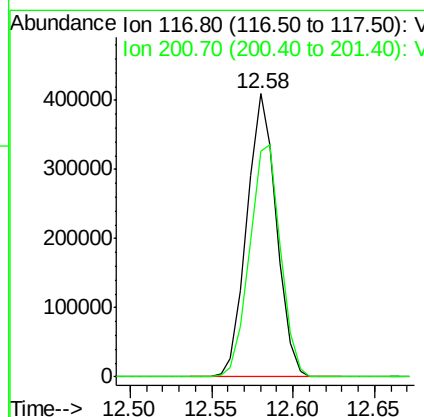
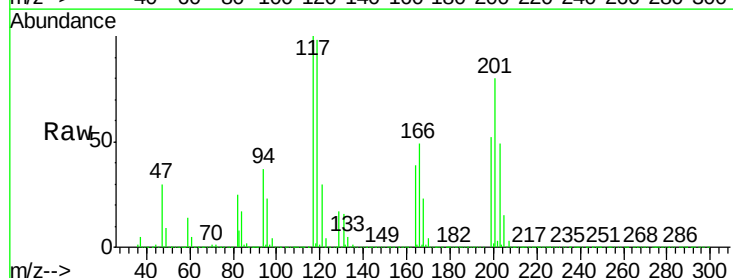
Manual Integrations
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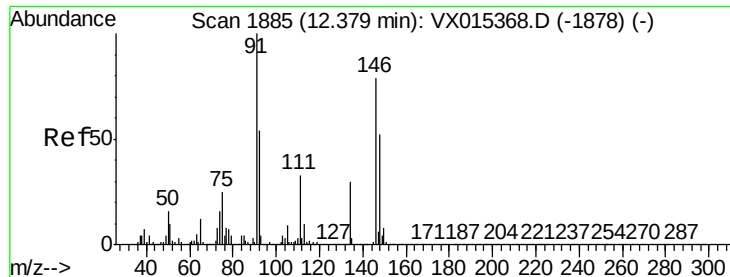
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#90
Hexachloroethane
Concen: 52.207 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.0	42.6	128.0





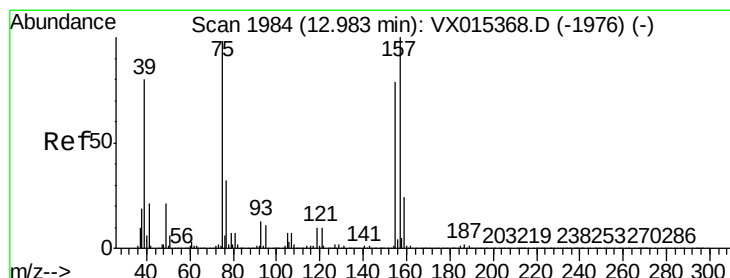
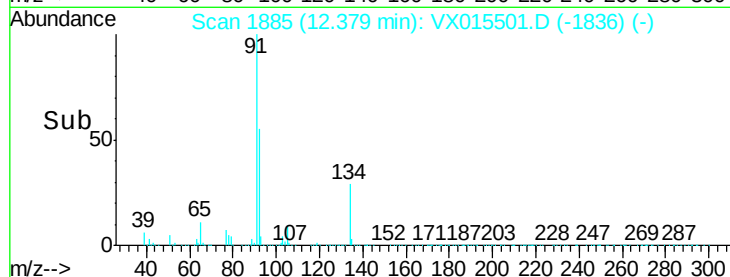
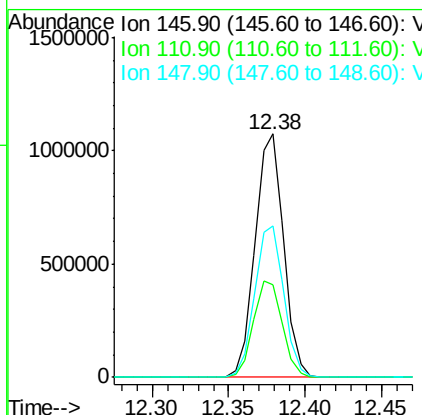
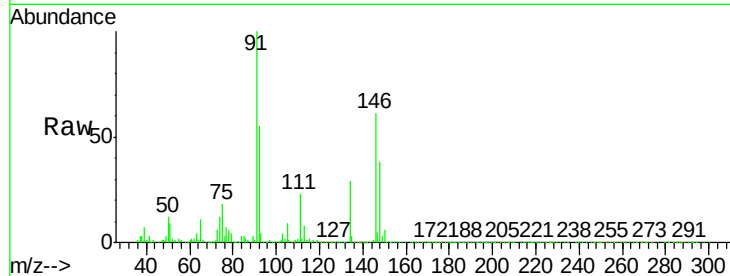
#91
 1,2-Dichlorobenzene
 Concen: 52.478 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	21.0	63.0
148	63.4	32.4	97.0

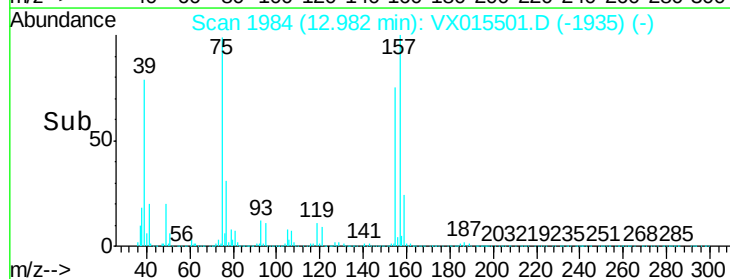
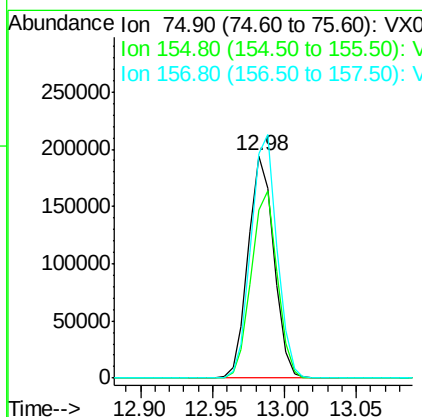
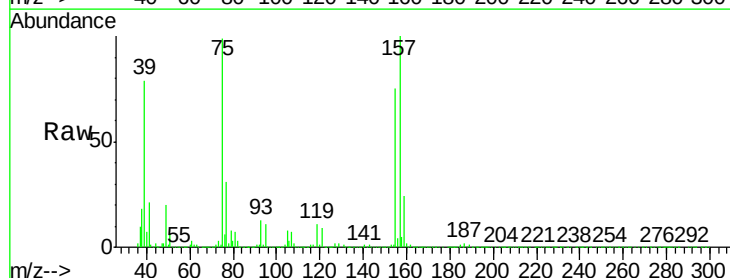
Manual Integrations
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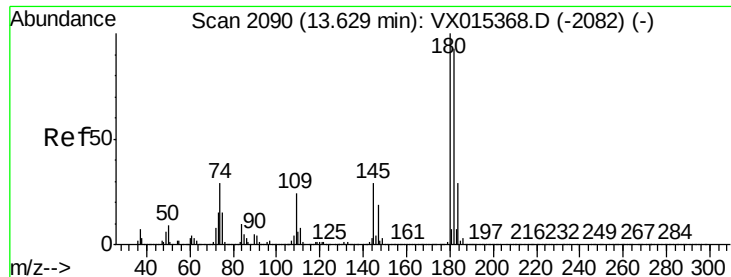
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 4/7/2020 11:58:52 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.422 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015501.D
 Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.9	42.8	128.4
157	110.4	53.4	160.3





#93

1,2,4-Trichlorobenzene

Concen: 54.069 ug/l

RT: 13.63 min Scan# 2090

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:180 Resp: 1135754

Ion Ratio Lower Upper

180 100

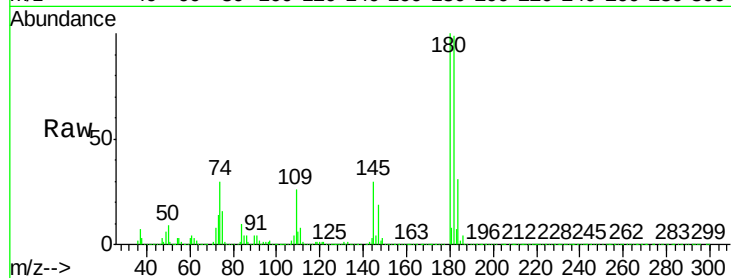
182 93.1 46.9 140.7

145 28.7 14.9 44.5

Manual Integrations
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MMDadoda

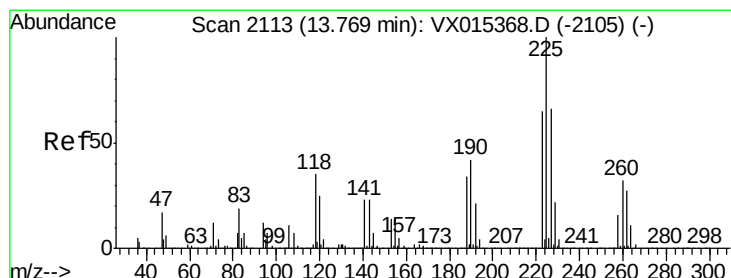
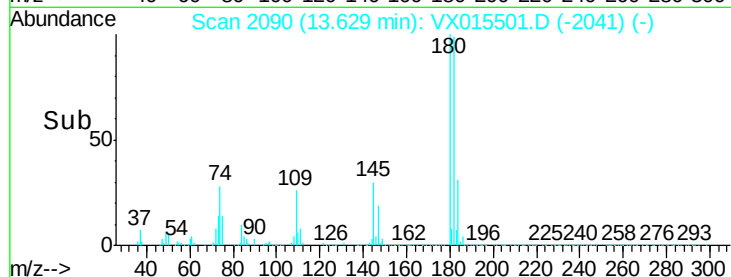
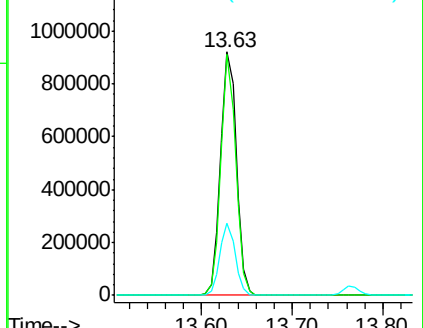
4/7/2020 11:58:52 AM



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 55.893 ug/l

RT: 13.77 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VX015501.D

Acq: 06 Apr 2020 10:24

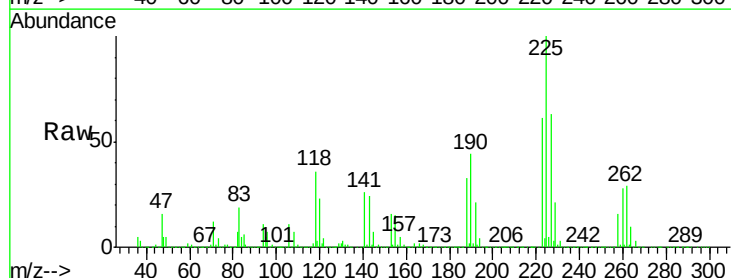
Tgt Ion:225 Resp: 558987

Ion Ratio Lower Upper

225 100

223 60.5 31.9 95.7

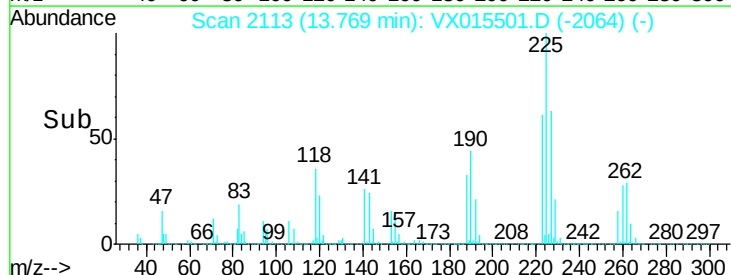
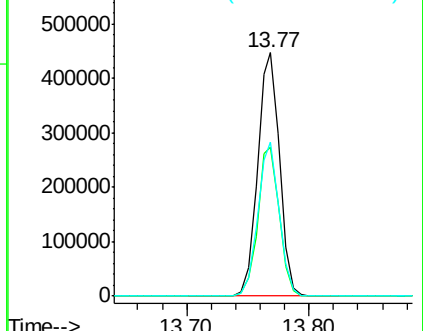
227 61.8 30.4 91.3

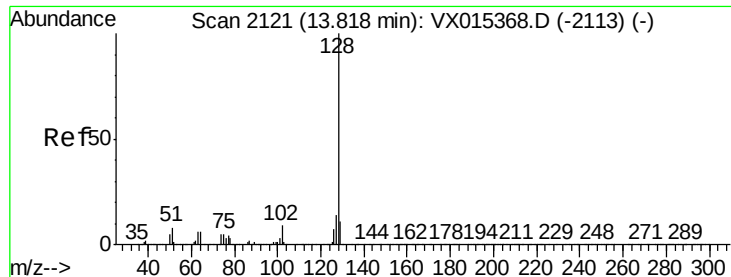


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





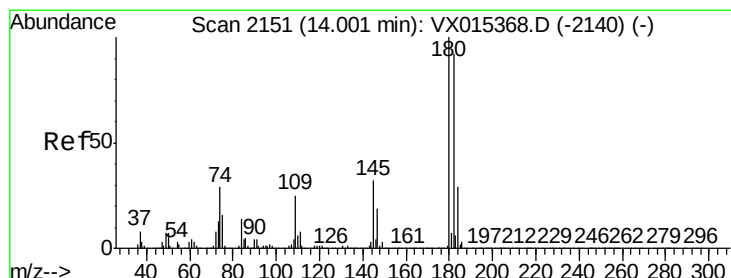
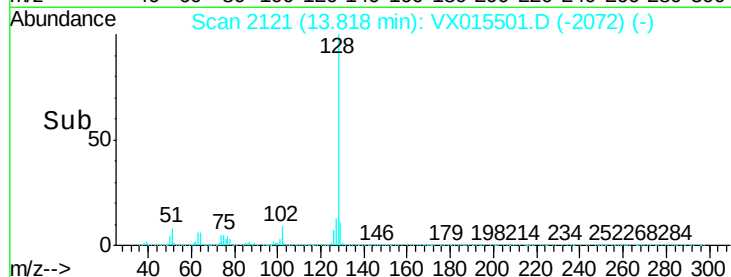
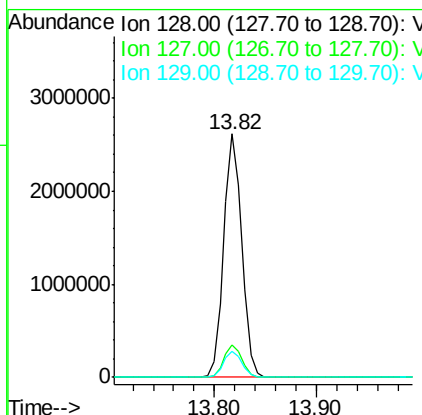
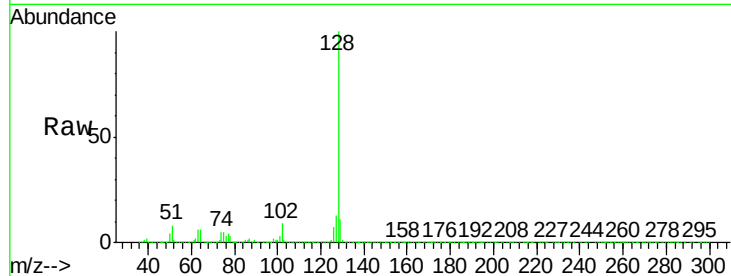
#95
Naphthalene
Concen: 50.220 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/7/2020 11:58:52 AM



#96
1,2,3-Trichlorobenzene
Concen: 55.521 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015501.D
Acq: 06 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.7	140.0
145	30.8	15.8	47.3

