

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013396.D
 Acq On : 12 Nov 2019 19:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 9:38:39 AM

Quant Time: Nov 13 03:49:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	710422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1084206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	989859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	495408	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	418477	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
35) Dibromofluoromethane	5.48	113	349996	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	8.71	98	1323207	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	11.13	95	477789	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	375841	45.915	ug/l	99
3) Chloromethane	1.31	50	426430	48.040	ug/l	99
4) Vinyl Chloride	1.40	62	485601	48.052	ug/l	99
5) Bromomethane	1.62	94	296162	42.054	ug/l	98
6) Chloroethane	1.71	64	265658	45.889	ug/l	99
7) Trichlorofluoromethane	1.92	101	532238	44.578	ug/l	100
8) Diethyl Ether	2.18	74	246041	46.601	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	326820	49.112	ug/l	100
10) Methyl Iodide	2.50	142	420974	51.096	ug/l	98
11) Tert butyl alcohol	3.03	59	489536	220.679	ug/l	100
12) 1,1-Dichloroethene	2.36	96	329798	50.609	ug/l	99
13) Acrolein	2.28	56	307342	255.636	ug/l	98
14) Allyl chloride	2.72	41	613259	51.794	ug/l	96
15) Acrylonitrile	3.13	53	1038714	250.672	ug/l	99
16) Acetone	2.43	43	944815	225.064	ug/l	99
17) Carbon Disulfide	2.56	76	834959	47.871	ug/l	100
18) Methyl Acetate	2.76	43	607663	52.431	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1134390	52.192	ug/l	96
20) Methylene Chloride	2.84	84	374861	48.330	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	351450	49.532	ug/l	97
22) Diisopropyl ether	3.84	45	1214907	53.147	ug/l	91
23) Vinyl Acetate	3.80	43	5000672	255.651	ug/l	98
24) 1,1-Dichloroethane	3.69	63	657034	51.381	ug/l	99
25) 2-Butanone	4.65	43	1510282	245.235	ug/l	100
26) 2,2-Dichloropropane	4.57	77	513220	50.450	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	413700	52.049	ug/l	99
28) Bromochloromethane	5.00	49	182015	50.131	ug/l	98
29) Tetrahydrofuran	5.11	42	946511	249.402	ug/l	99
30) Chloroform	5.20	83	642410	50.876	ug/l	96
31) Cyclohexane	5.57	56	573279	49.822	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	543023	49.971	ug/l	100
36) 1,1-Dichloropropene	5.79	75	476752	51.257	ug/l	99
37) Ethyl Acetate	4.81	43	573264	49.879	ug/l	100
38) Carbon Tetrachloride	5.77	117	470232	51.700	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	578682	49.932	ug/l	99
40) Benzene	6.13	78	1480886	51.113	ug/l	98
41) Methacrylonitrile	5.03	41	326472	50.680	ug/l	97
42) 1,2-Dichloroethane	6.18	62	523003	50.045	ug/l	99
43) Isopropyl Acetate	6.43	43	919984	51.405	ug/l	99
44) Trichloroethene	7.20	130	392576	49.225	ug/l	98
45) 1,2-Dichloropropane	7.51	63	382978	51.879	ug/l	99
46) Dibromomethane	7.65	93	248237	49.250	ug/l	96
47) Bromodichloromethane	7.89	83	499880	52.594	ug/l	95
48) Methyl methacrylate	7.76	41	461830	51.695	ug/l	98
49) 1,4-Dioxane	7.73	88	206880	1011.188	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2939791	250.369	ug/l	99
52) Toluene	8.78	92	934981	52.067	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	564303	54.296	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	618090	53.165	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	389751	52.364	ug/l	100
56) Ethyl methacrylate	9.17	69	627373	49.393	ug/l	97
57) 1,3-Dichloropropane	9.37	76	648976	51.364	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1277254	250.974	ug/l	100
59) 2-Hexanone	9.48	43	2278222	251.076	ug/l	99
60) Dibromochloromethane	9.57	129	413433	54.312	ug/l	98
61) 1,2-Dibromoethane	9.67	107	405716	51.333	ug/l	100
64) Tetrachloroethene	9.33	164	349888	49.377	ug/l	97
65) Chlorobenzene	10.14	112	1015464	50.671	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	380461	51.705	ug/l	100
67) Ethyl Benzene	10.25	91	1776599	51.366	ug/l	99
68) m/p-Xylenes	10.35	106	1363825	104.263	ug/l	99
69) o-Xylene	10.70	106	659311	51.483	ug/l	99
70) Styrene	10.71	104	1147272	53.593	ug/l	98
71) Bromoform	10.85	173	324397	47.705	ug/l	100
73) Isopropylbenzene	11.01	105	1763687	53.695	ug/l	100
74) N-amyl acetate	10.89	43	840647	55.191	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	626099	52.250	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	499305m	49.621	ug/l	
77) Bromobenzene	11.25	156	460497	52.590	ug/l	99
78) n-propylbenzene	11.35	91	1994833	54.520	ug/l	99
79) 2-Chlorotoluene	11.42	91	1168456	53.004	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1470687	53.755	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	205905	52.671	ug/l	98
82) 4-Chlorotoluene	11.51	91	1355430	52.525	ug/l	99
83) tert-Butylbenzene	11.76	119	1504032	54.611	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1476980	53.815	ug/l	99
85) sec-Butylbenzene	11.94	105	1718482	54.292	ug/l	100
86) p-Isopropyltoluene	12.06	119	1590926	54.584	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	812224	52.038	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	814225	51.201	ug/l	100
89) n-Butylbenzene	12.39	91	1381982	54.339	ug/l	100
90) Hexachloroethane	12.59	117	286443	55.159	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	824758	52.862	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	137312	47.034	ug/l	99

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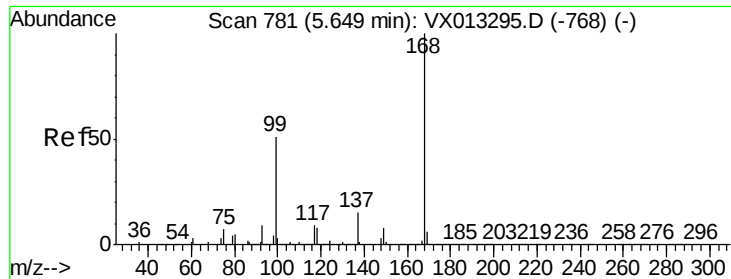
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	578947	53.197	ug/l	98
94) Hexachlorobutadiene	13.78	225	261148	49.047	ug/l	97
95) Naphthalene	13.83	128	1820077	53.303	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	574405	52.628	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 710422

Ion Ratio Lower Upper

168 100

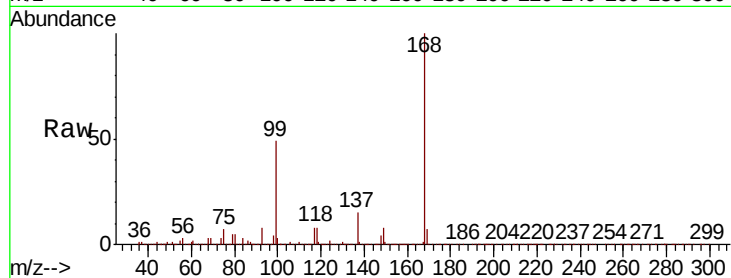
99 49.1 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

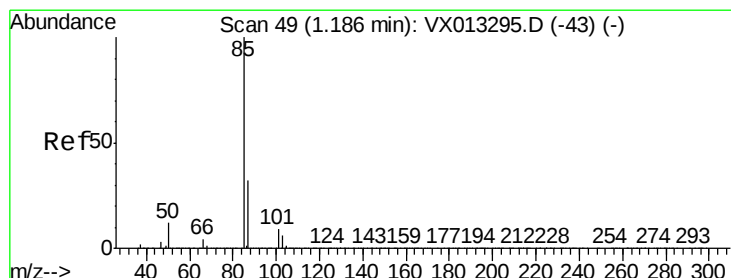
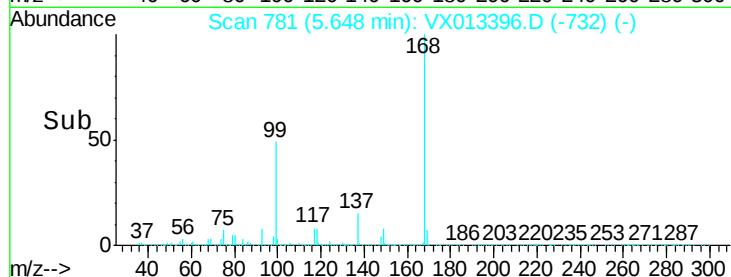
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.915 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013396.D

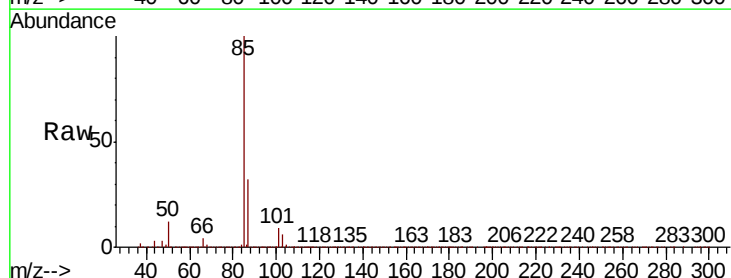
Acq: 12 Nov 2019 19:34

Tgt Ion: 85 Resp: 375841

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

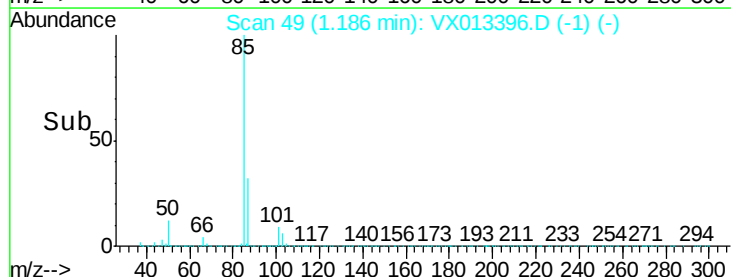
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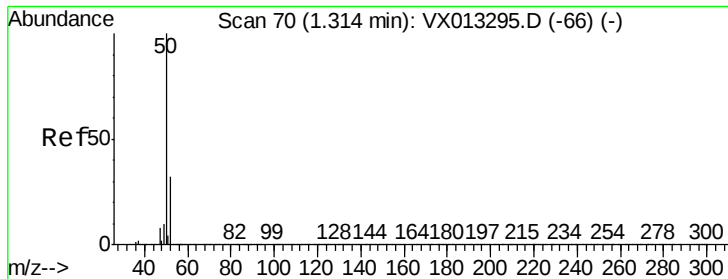
200000

100000

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Time-->





#3

Chloromethane

Concen: 48.040 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 426430

Ion Ratio Lower Upper

50 100

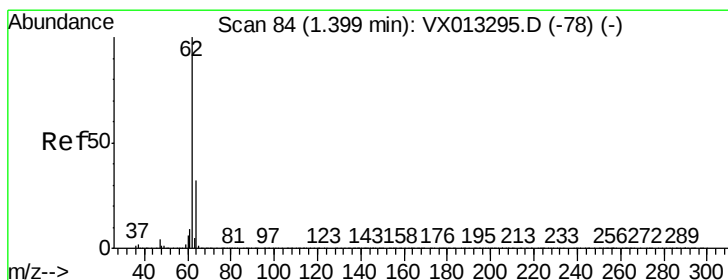
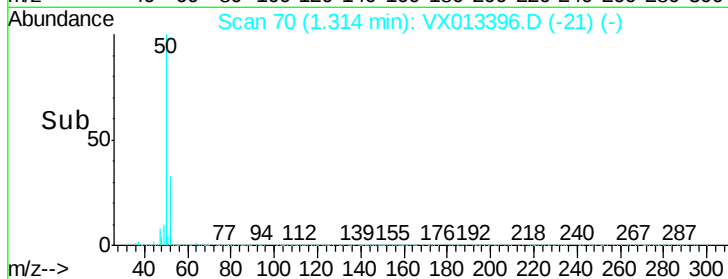
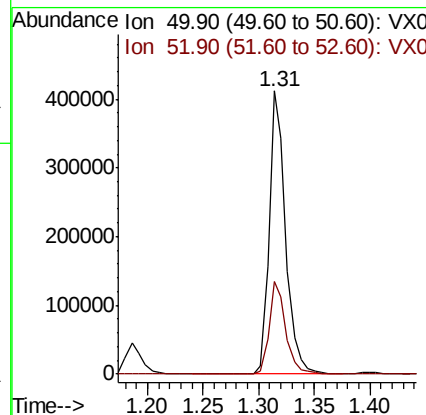
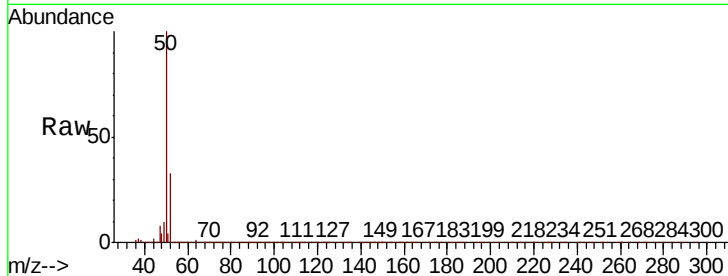
52 32.6 25.5 38.3

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#4

Vinyl Chloride

Concen: 48.052 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013396.D

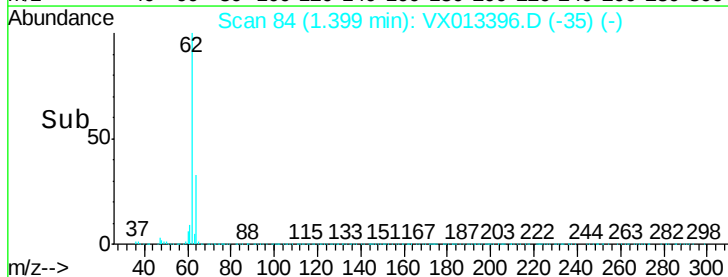
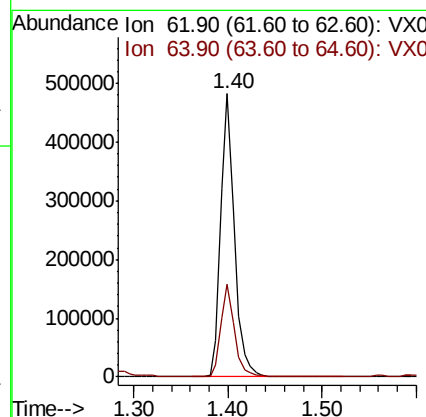
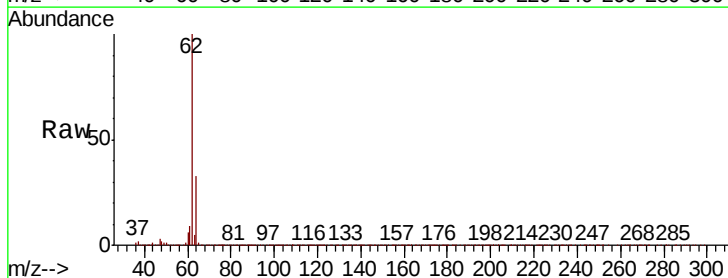
Acq: 12 Nov 2019 19:34

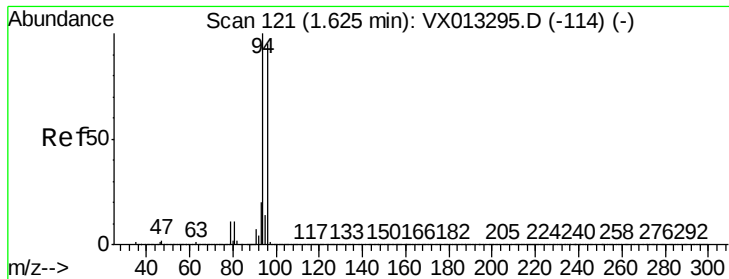
Tgt Ion: 62 Resp: 485601

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4





#5

Bromomethane

Concen: 42.054 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 296162

Ion Ratio Lower Upper

94 100

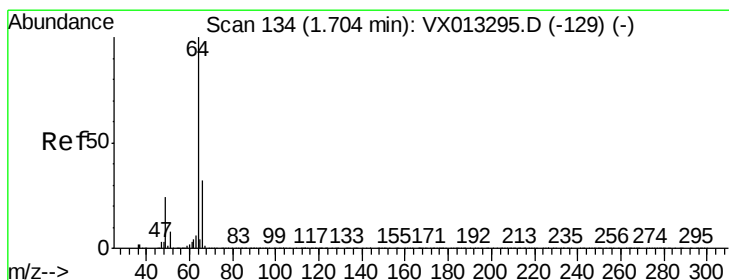
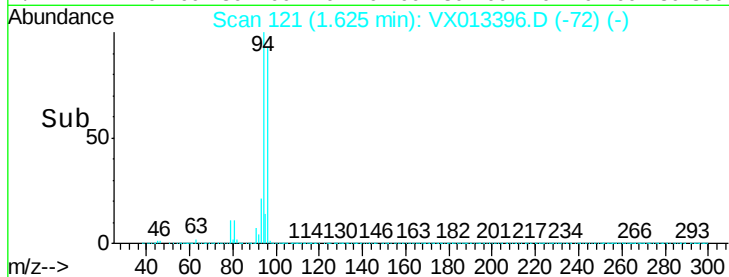
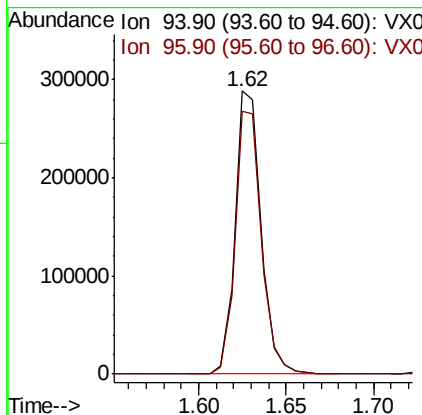
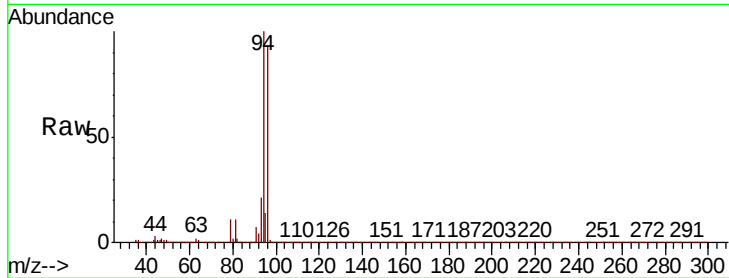
96 93.0 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 45.889 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013396.D

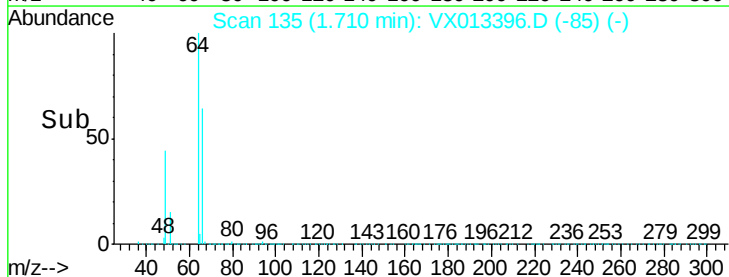
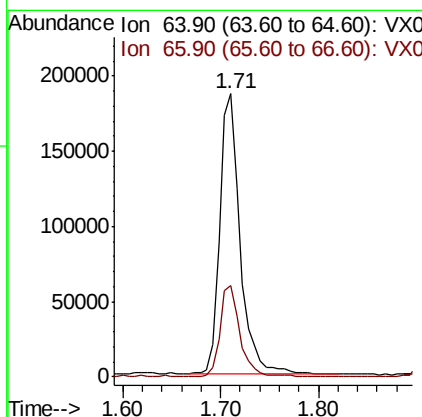
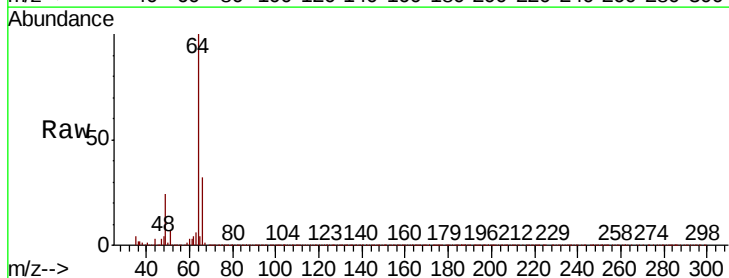
Acq: 12 Nov 2019 19:34

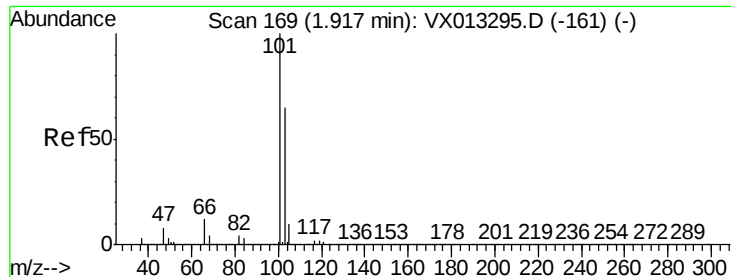
Tgt Ion: 64 Resp: 265658

Ion Ratio Lower Upper

64 100

66 32.4 25.6 38.4





#7

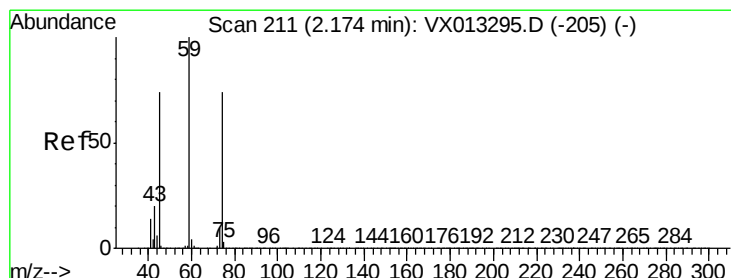
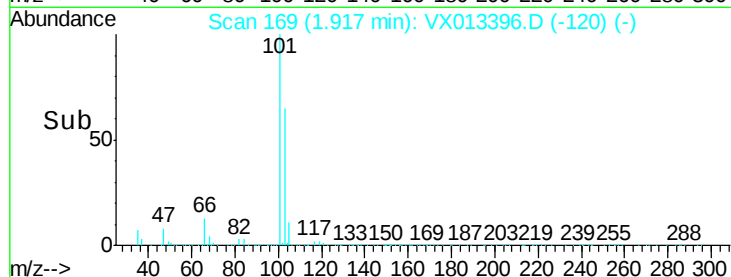
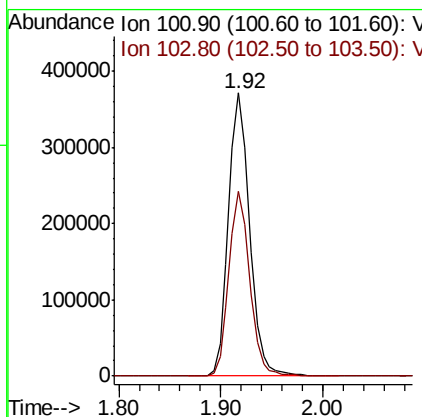
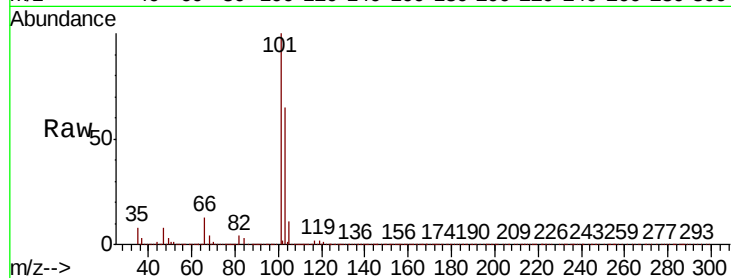
Trichlorofluoromethane
Concen: 44.578 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.3	78.5

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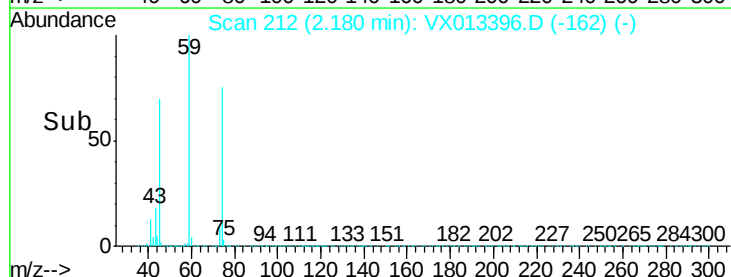
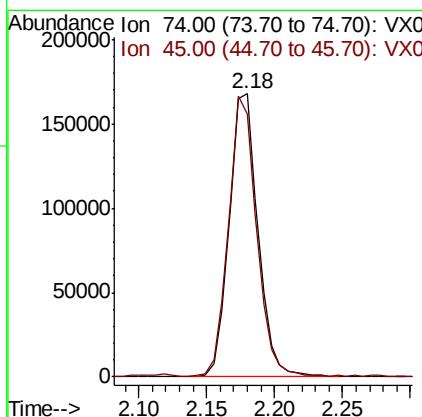
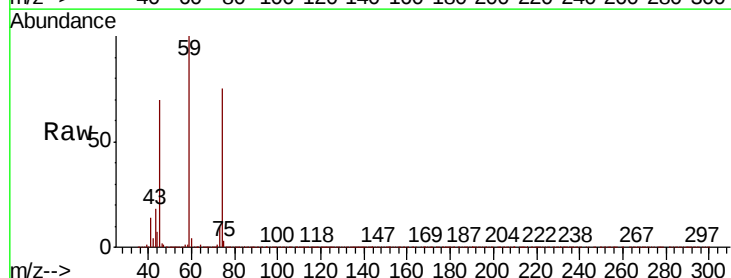
MMDadoda
11/13/2019 9:38:39 AM

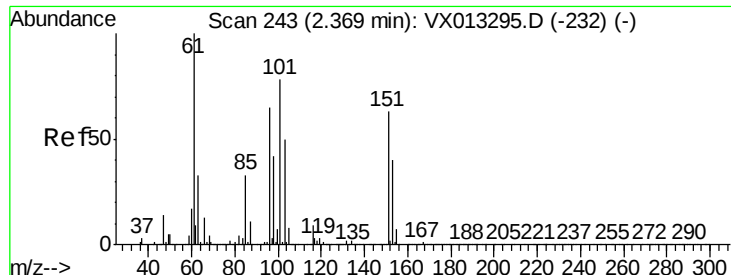


#8

Diethyl Ether
Concen: 46.601 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.112 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

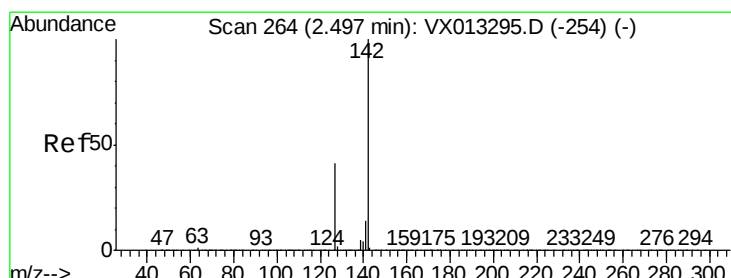
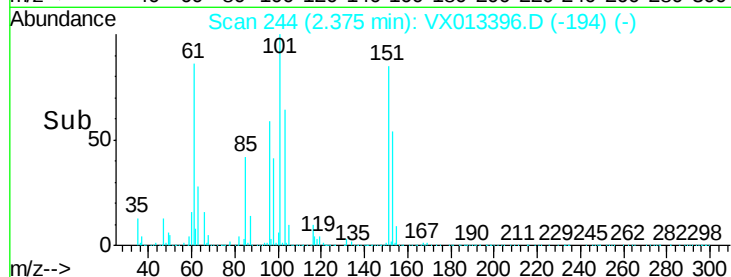
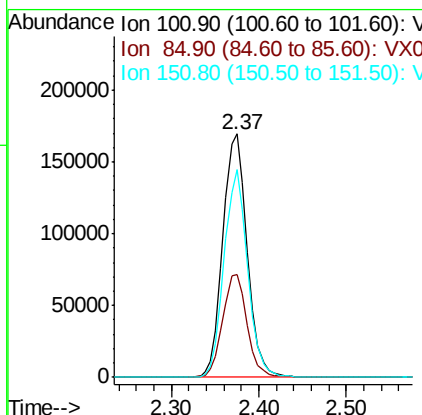
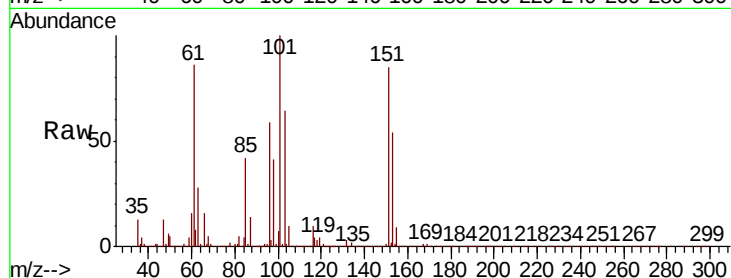
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	326820
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.4	51.6
151	83.1	66.4	99.6

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11/13/2019 9:38:39 AM



#10

Methyl Iodide

Concen: 51.096 ug/l

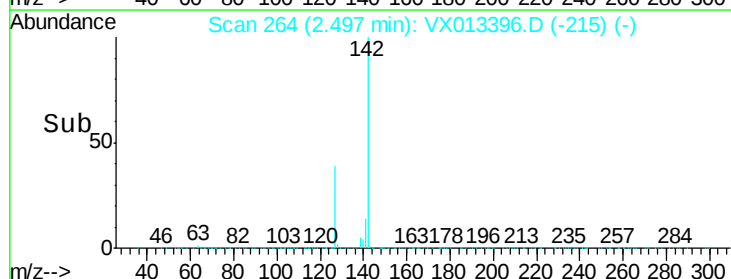
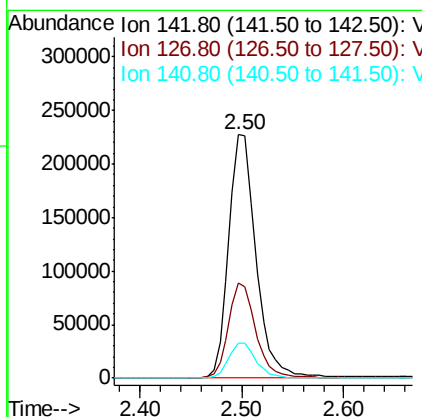
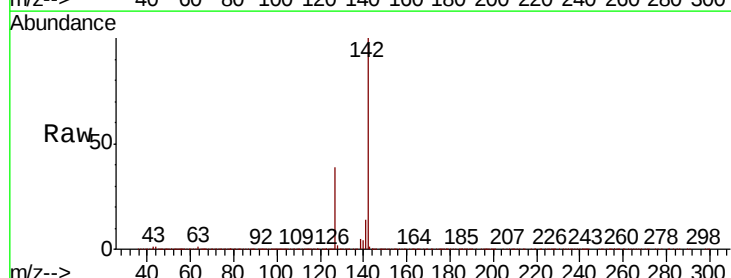
RT: 2.50 min Scan# 264

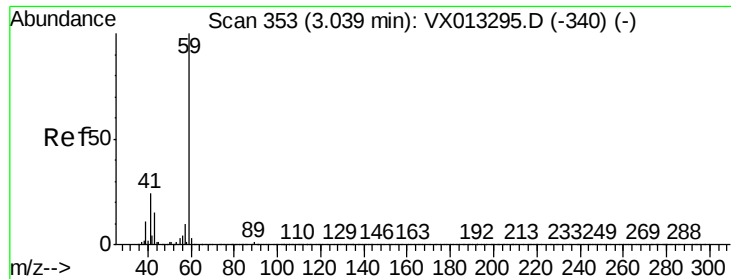
Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Tgt Ion:	142	Resp:	420974
Ion Ratio	Lower	Upper	
142	100		
127	39.1	32.6	49.0
141	14.5	11.6	17.4





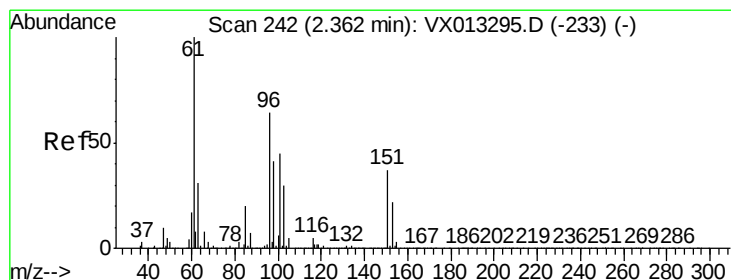
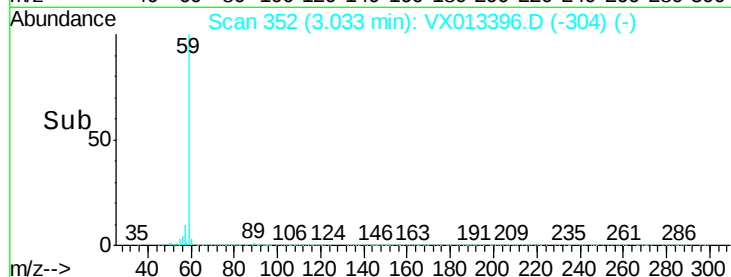
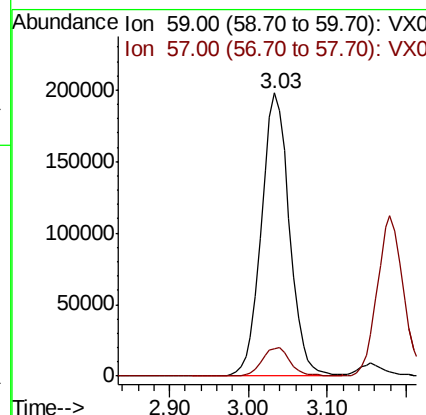
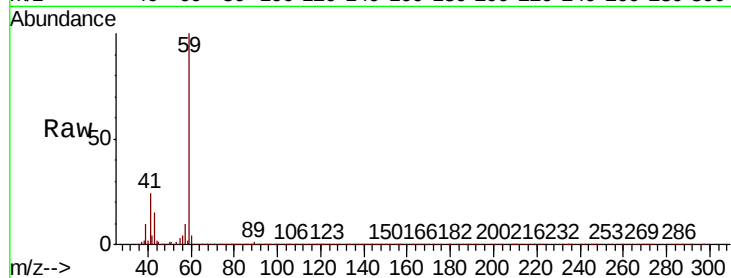
#11
Tert butyl alcohol
Concen: 220.679 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.0	12.0

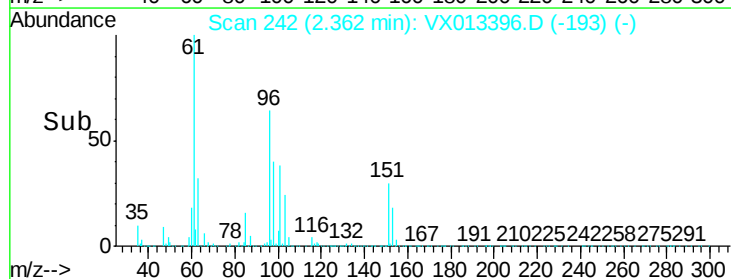
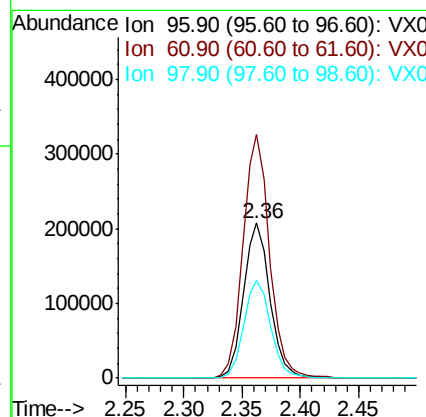
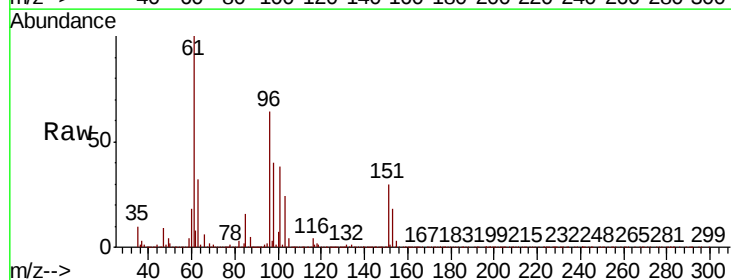
Manual Integrations
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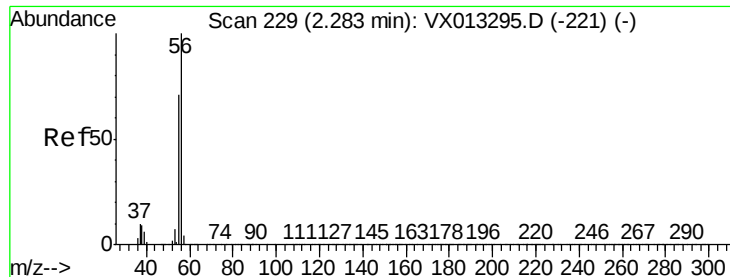
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#12
1,1-Dichloroethene
Concen: 50.609 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.0	125.0	187.6
98	62.9	50.7	76.1





#13

Acrolein

Concen: 255.636 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 307342

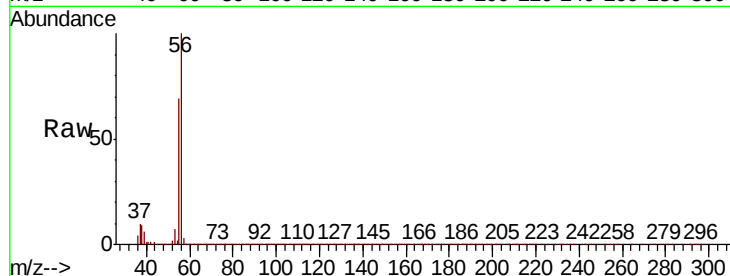
Ion Ratio Lower Upper

56 100

55 70.3 57.4 86.0

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

200000

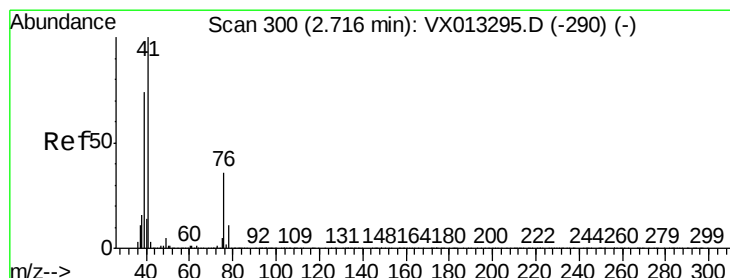
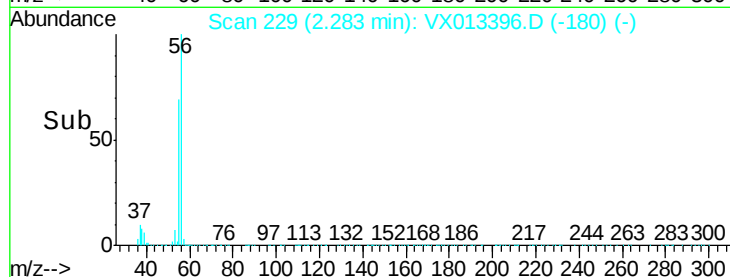
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 51.794 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

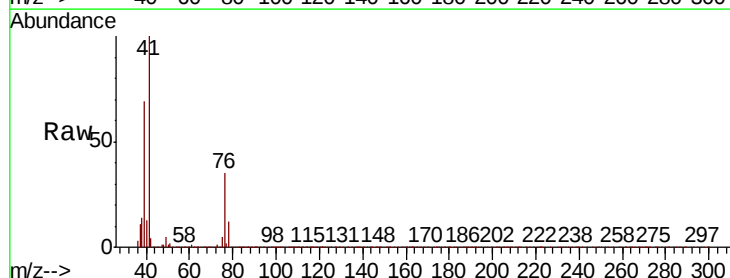
Tgt Ion: 41 Resp: 613259

Ion Ratio Lower Upper

41 100

39 65.1 55.8 83.8

76 32.4 26.4 39.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

600000

500000

400000

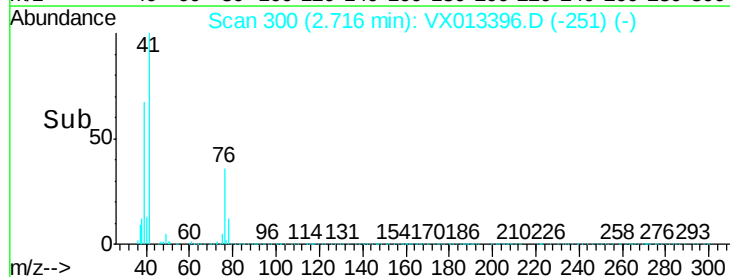
300000

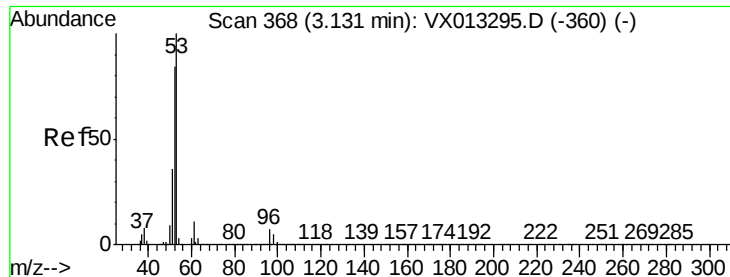
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 250.672 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

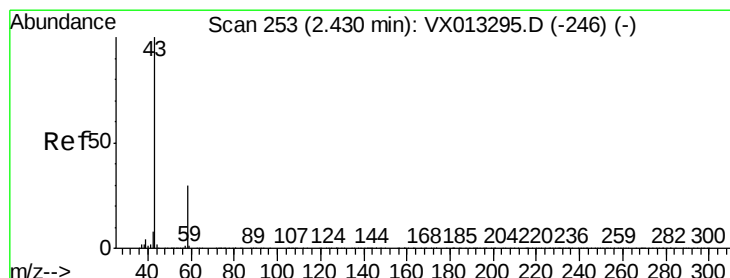
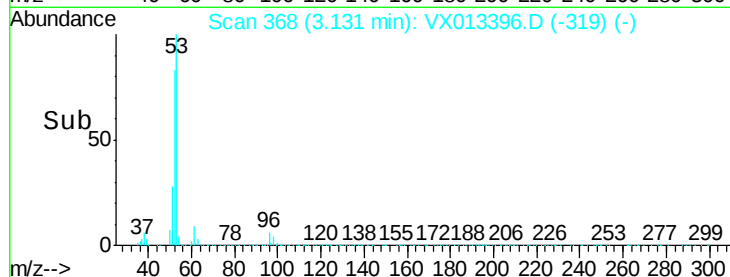
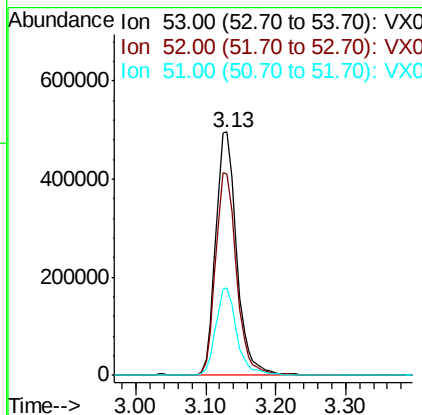
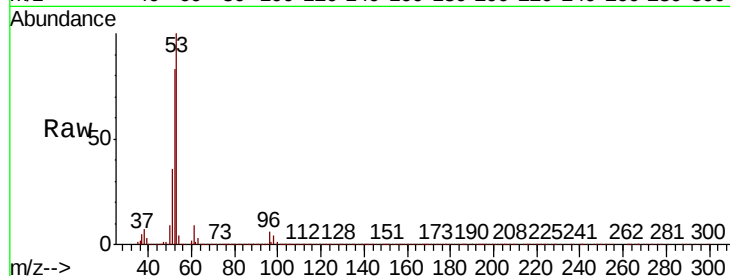
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	1038714
Ion	Ratio	Lower	Upper
53	100		
52	83.4	67.4	101.0
51	35.7	29.4	44.2

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#16

Acetone

Concen: 225.064 ug/l

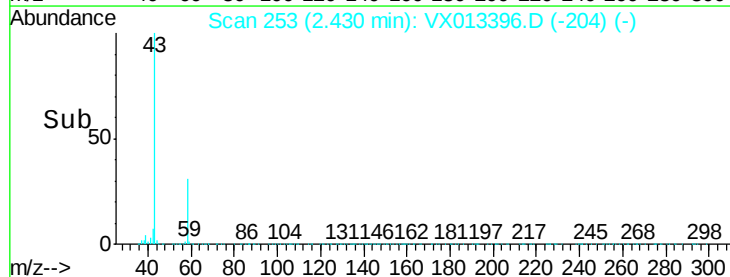
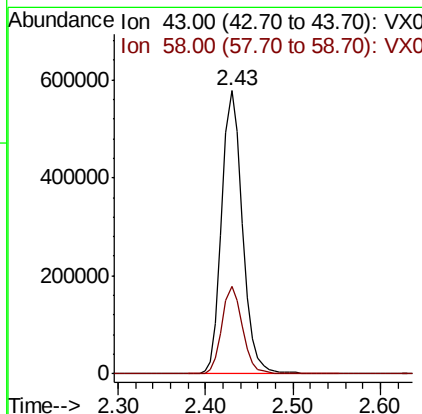
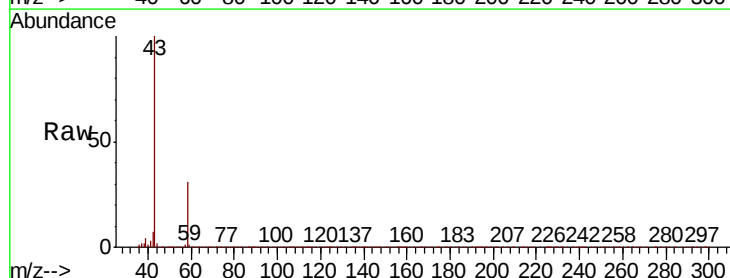
RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Tgt Ion:	43	Resp:	944815
Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.3	36.5





#17

Carbon Disulfide

Concen: 47.871 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 834959

Ion Ratio Lower Upper

76 100

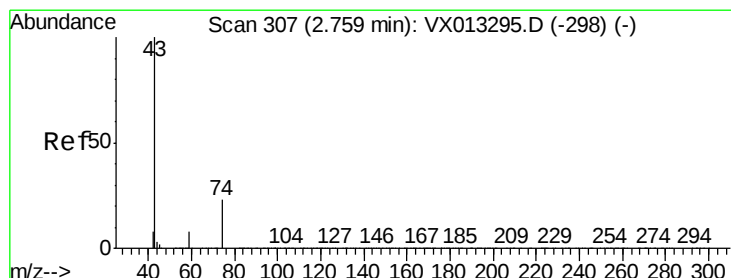
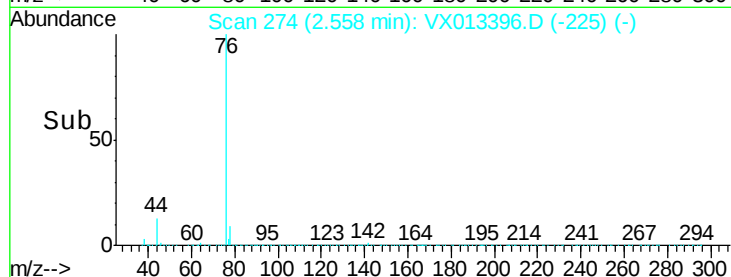
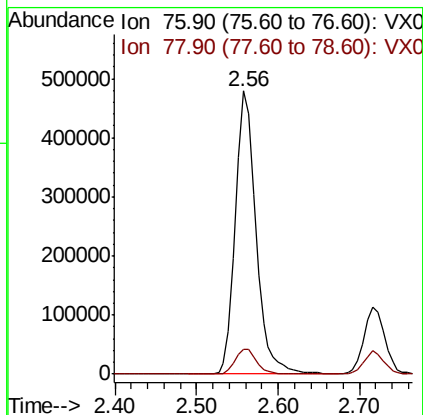
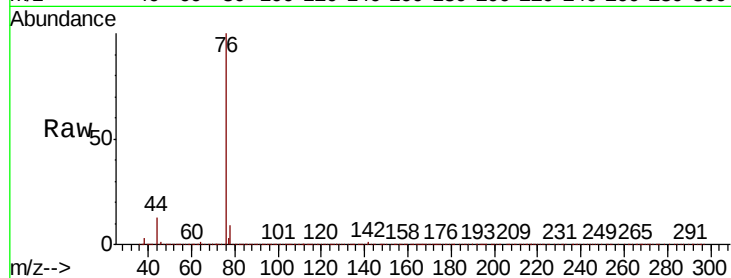
78 8.7 7.0 10.6

Manual Integrations

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11/13/2019 9:38:39 AM



#18

Methyl Acetate

Concen: 52.431 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013396.D

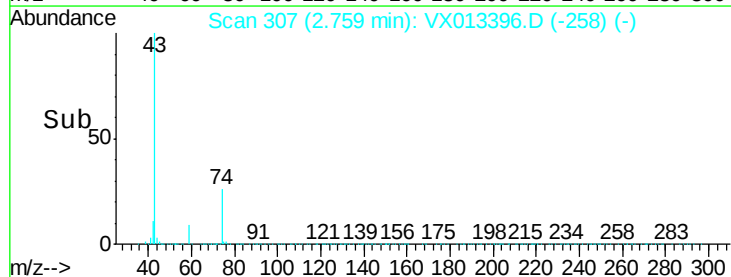
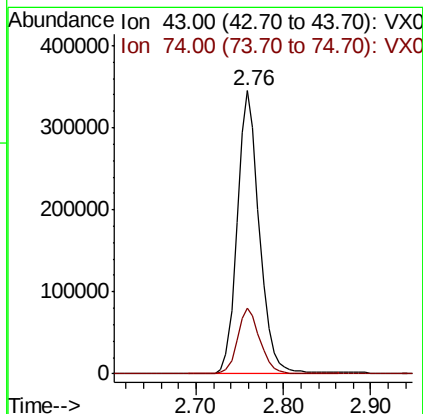
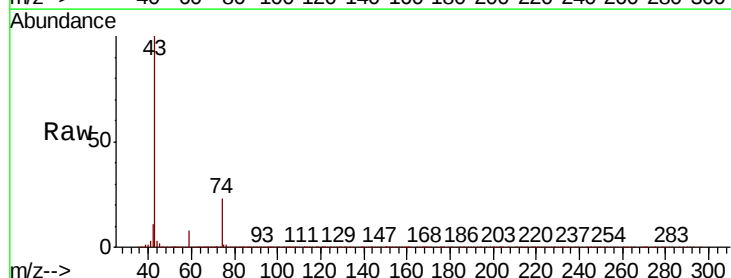
Acq: 12 Nov 2019 19:34

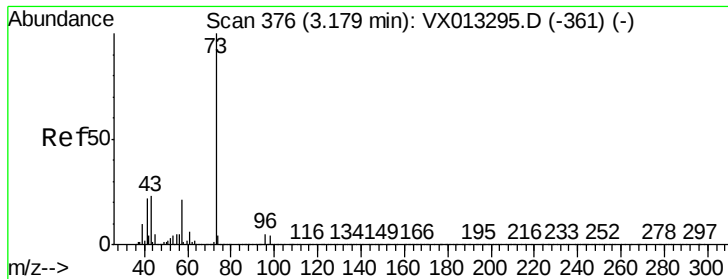
Tgt Ion: 43 Resp: 607663

Ion Ratio Lower Upper

43 100

74 23.3 19.0 28.6





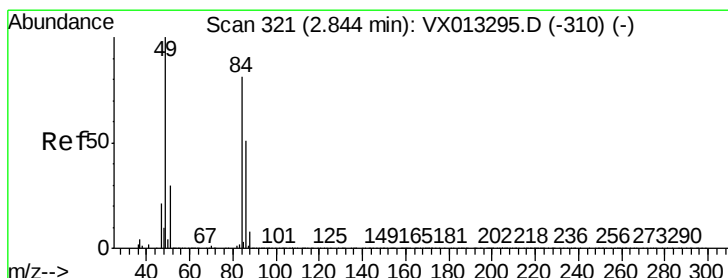
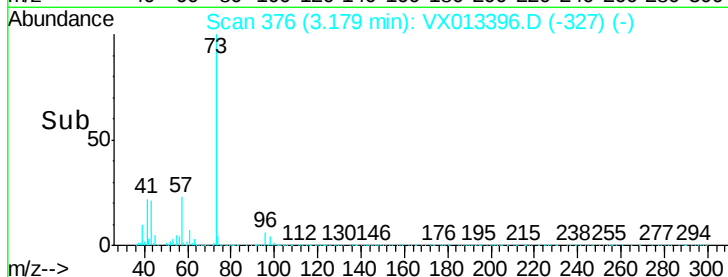
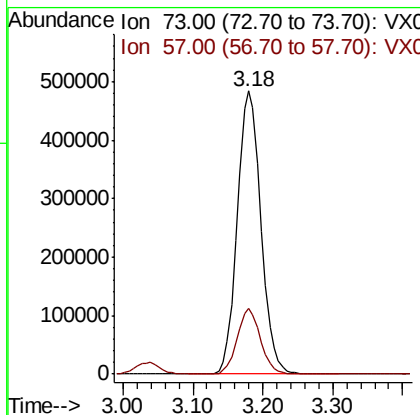
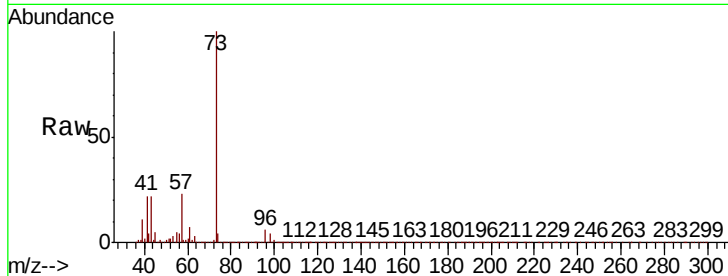
#19
Methvl tert-butvl Ether
Concen: 52.192 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1134390
Ion Ratio Lower Upper
73 100
57 23.1 17.1 25.7

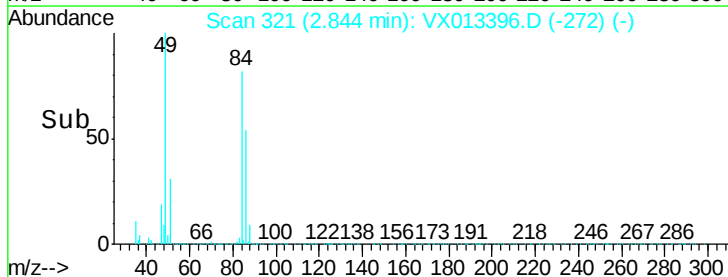
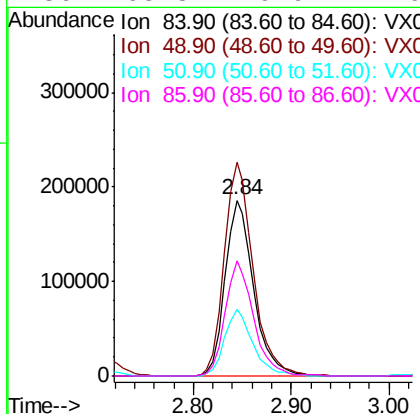
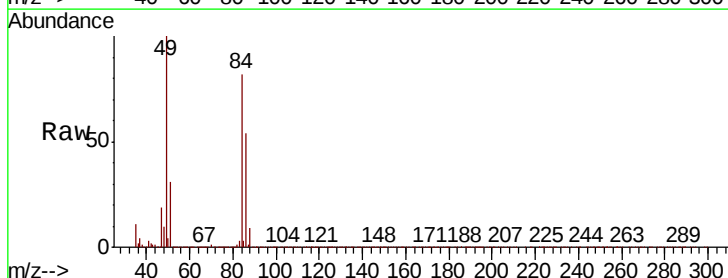
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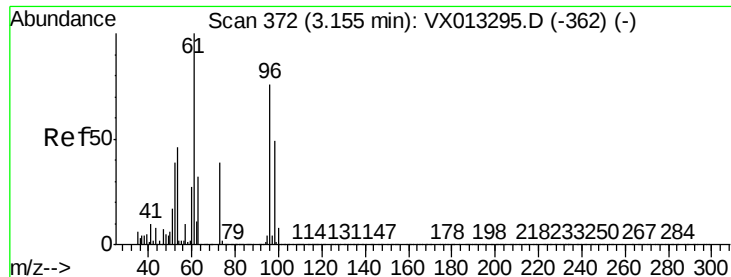
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#20
Methylene Chloride
Concen: 48.330 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion: 84 Resp: 374861
Ion Ratio Lower Upper
84 100
49 121.6 98.2 147.4
51 37.4 29.9 44.9
86 65.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.532 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 351450

Ion Ratio Lower Upper

96 100

61 128.6 105.8 158.6

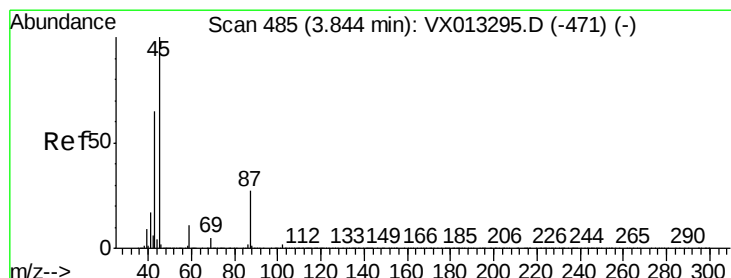
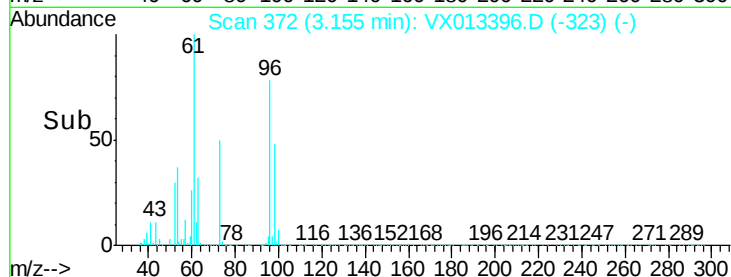
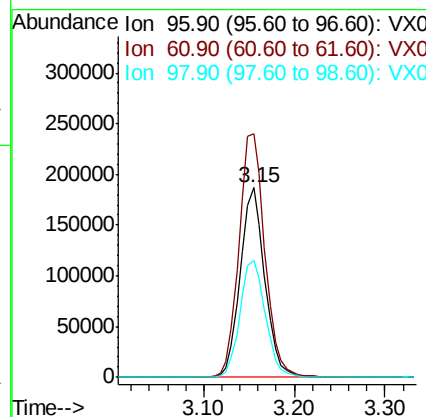
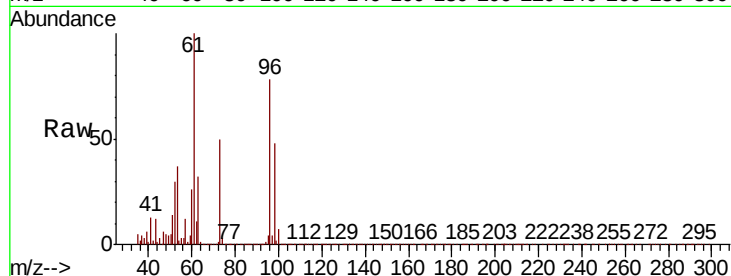
98 61.8 51.8 77.6

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11/13/2019 9:38:39 AM



#22

Diisopropyl ether

Concen: 53.147 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Tgt Ion: 45 Resp: 1214907

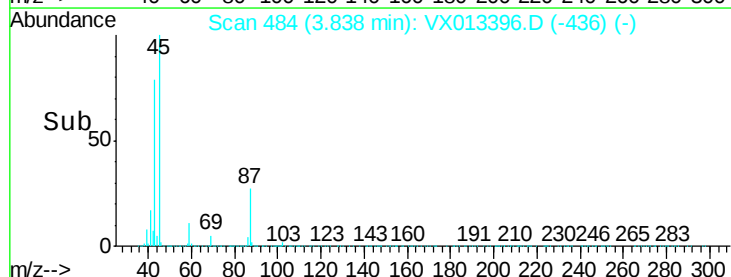
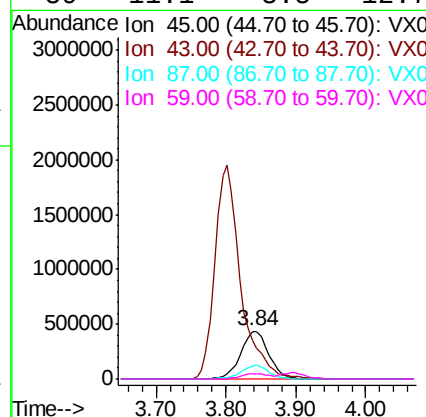
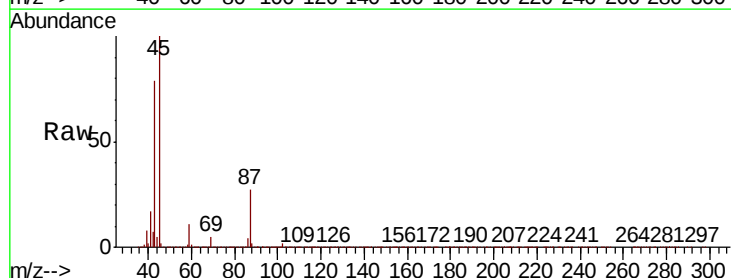
Ion Ratio Lower Upper

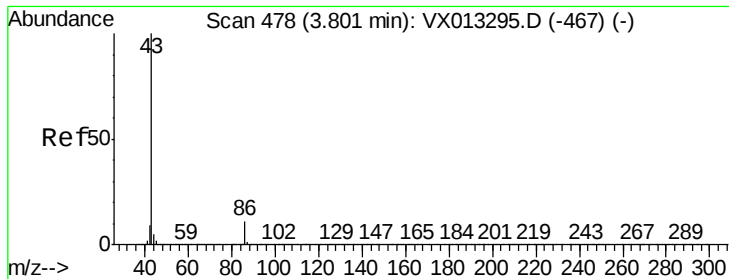
45 100

43 78.6 54.2 81.2

87 26.7 21.8 32.8

59 11.1 8.5 12.7





#23

Vinyl Acetate

Concen: 255.651 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 5000672

Ion Ratio Lower Upper

43 100

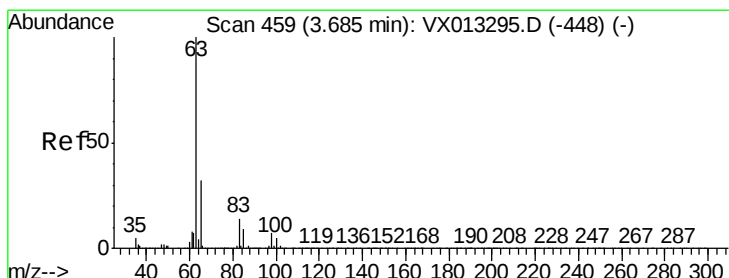
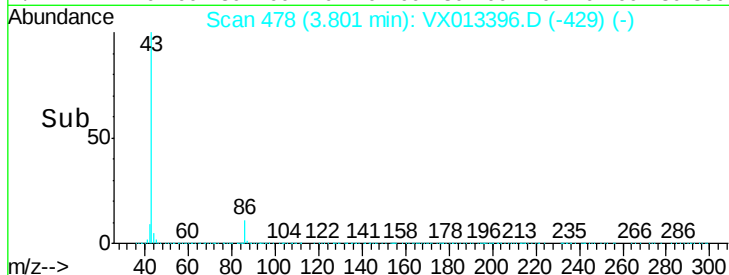
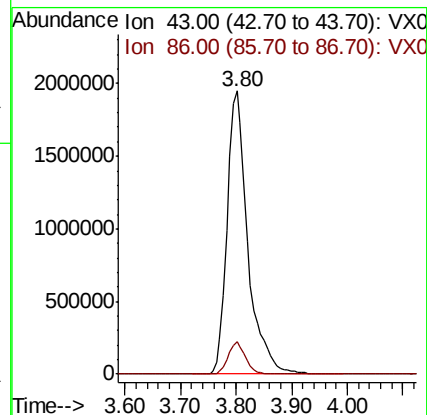
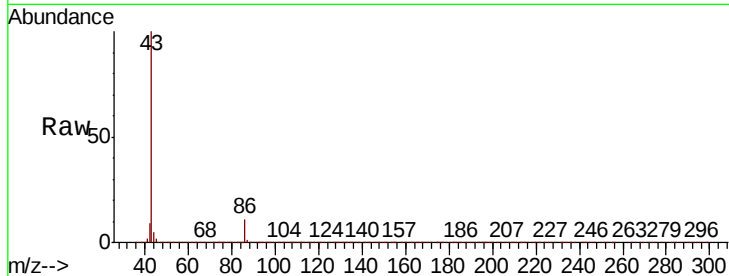
86 11.4 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 51.381 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

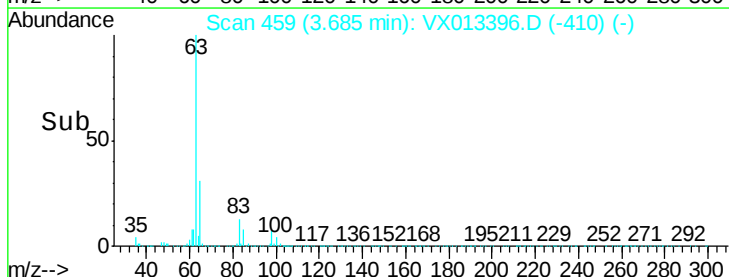
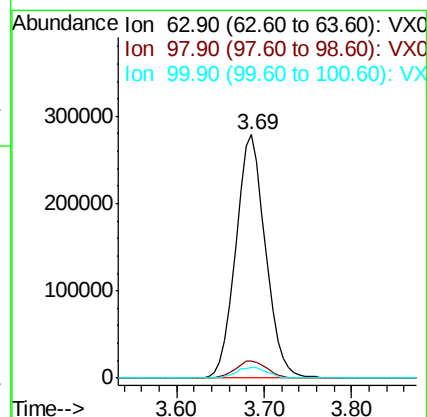
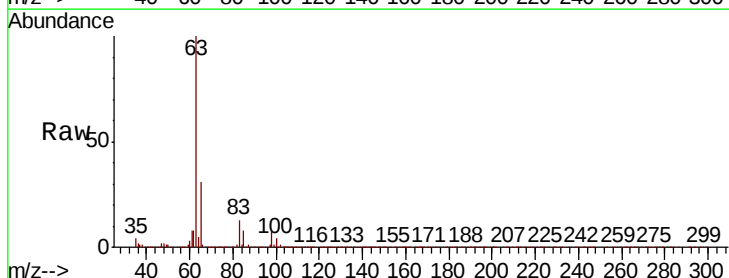
Tgt Ion: 63 Resp: 657034

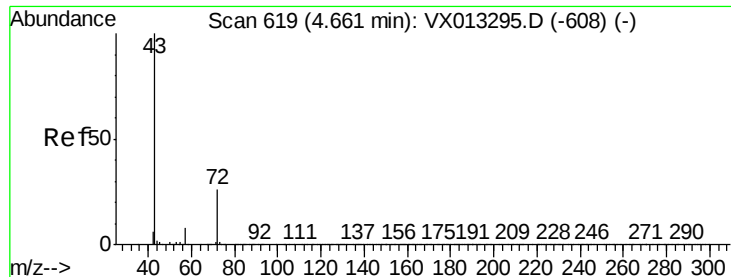
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.3 2.4 7.2





#25

2-Butanone

Concen: 245.235 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Tot Ion: 43 Resp: 1510282

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

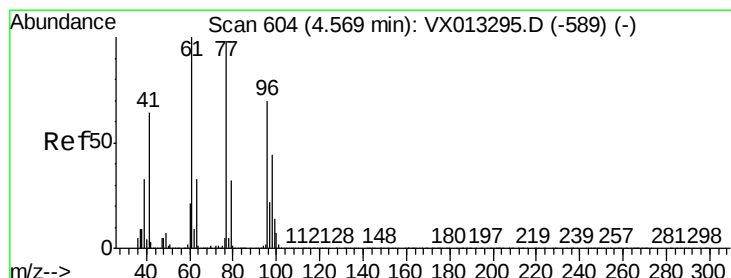
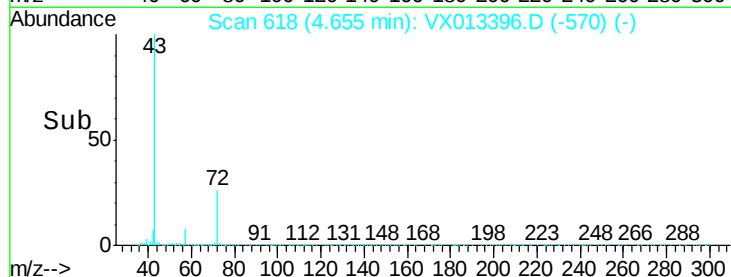
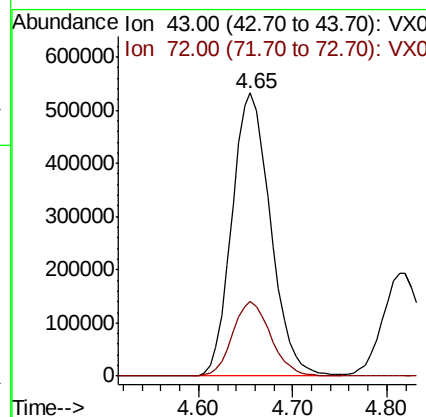
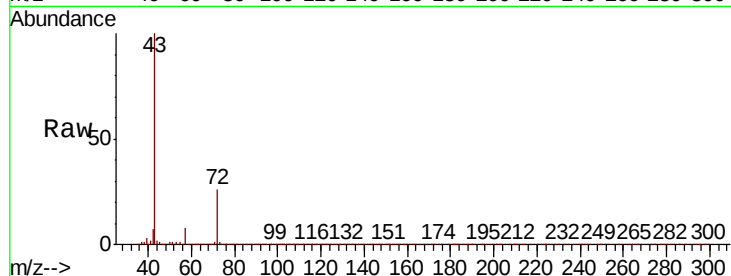
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 50.450 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013396.D

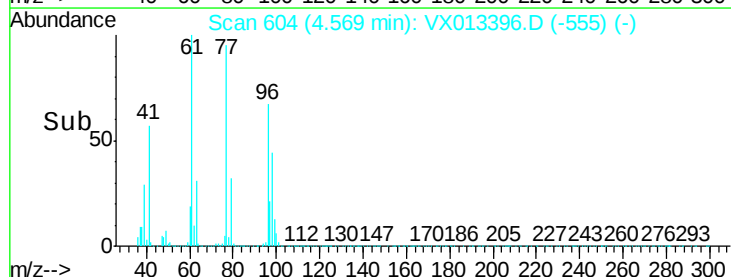
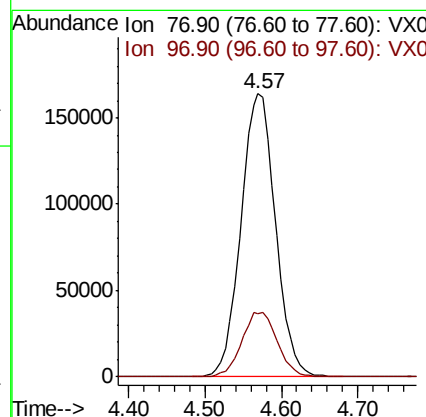
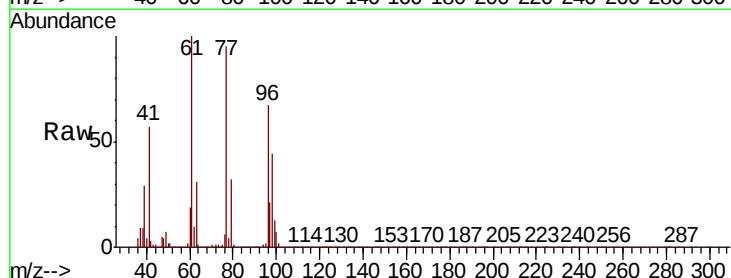
Acq: 12 Nov 2019 19:34

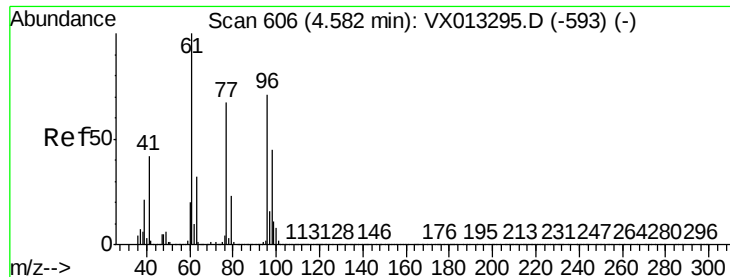
Tgt Ion: 77 Resp: 513220

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.8





#27

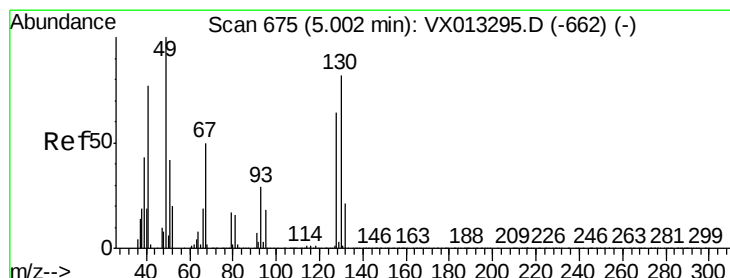
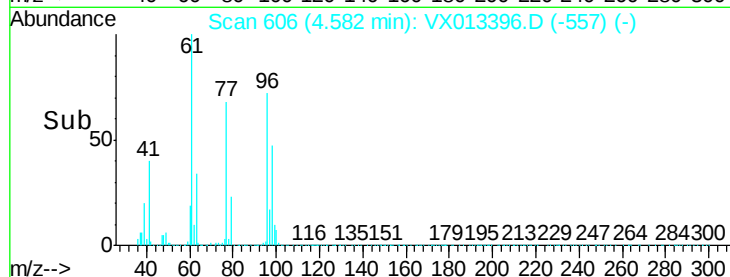
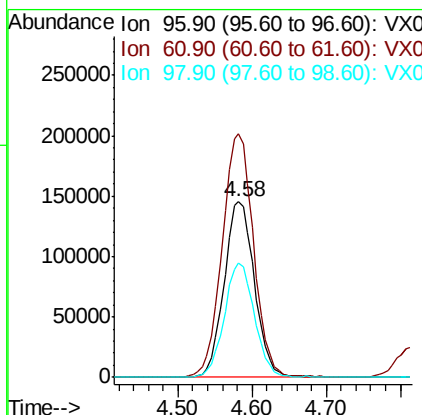
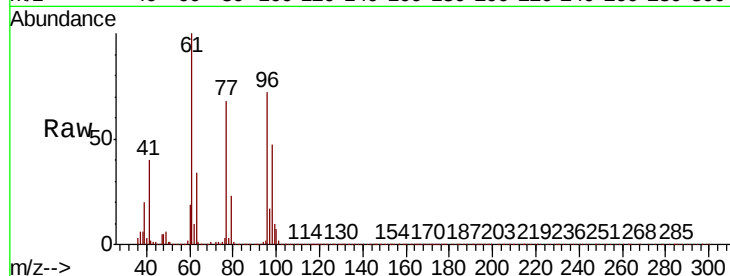
cis-1,2-Dichloroethene
Concen: 52.049 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	413700		
61	142.9	0.0	288.0	
98	64.5	0.0	129.6	

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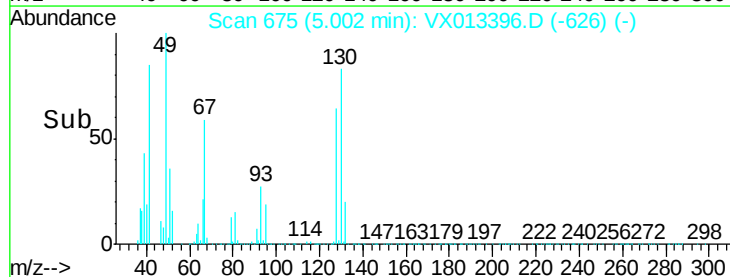
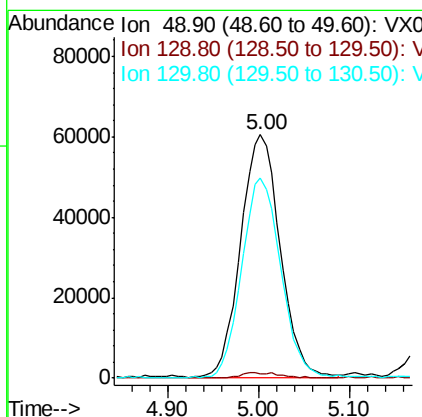
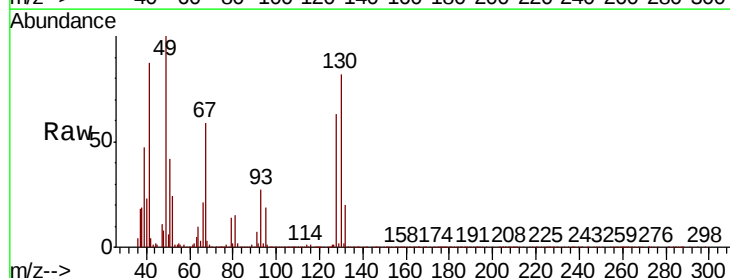
MMDadoda
11/13/2019 9:38:39 AM

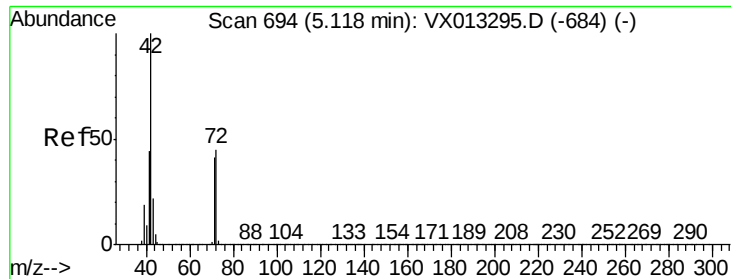


#28

Bromochloromethane
Concen: 50.131 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	182015		
129	2.4	0.0	5.2	
130	81.5	63.8	95.6	





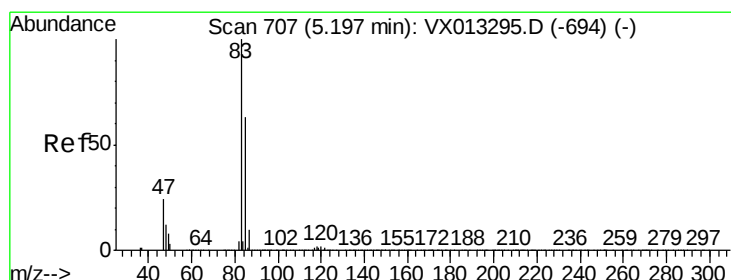
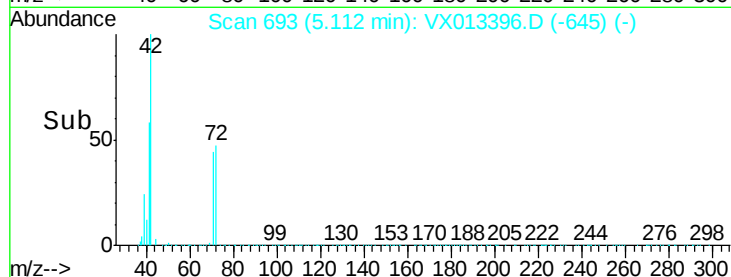
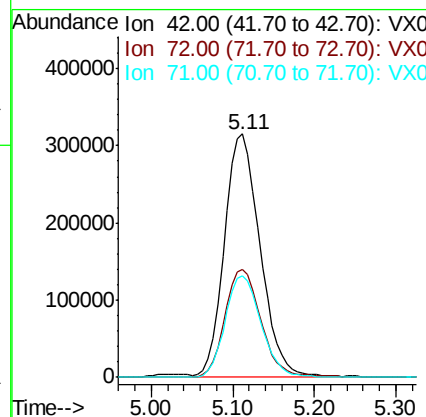
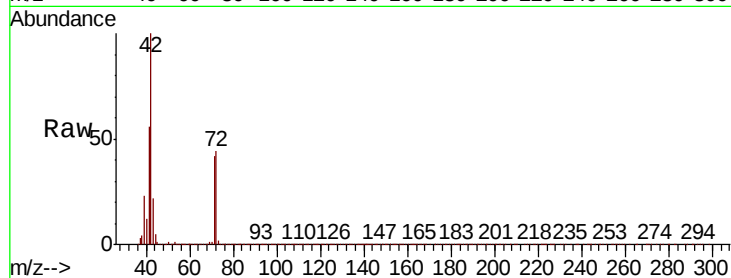
#29
Tetrahydrofuran
Concen: 249.402 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	946511
Ion Ratio	Lower	Upper	
42	100		
72	45.5	35.8	53.8
71	42.1	33.4	50.0

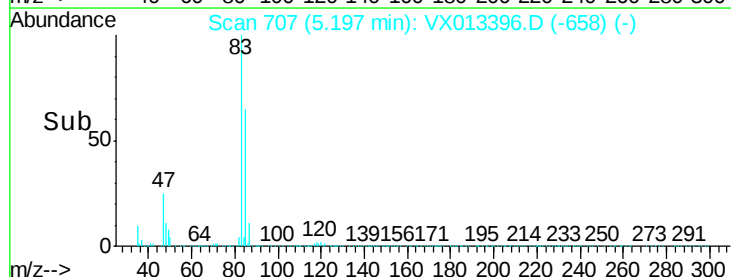
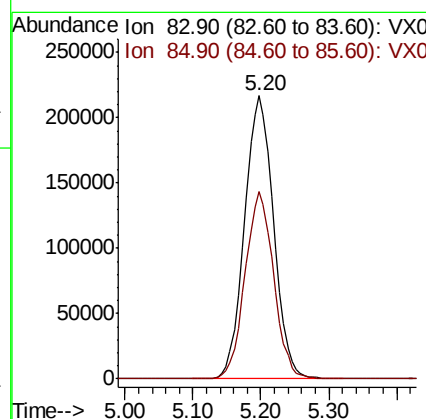
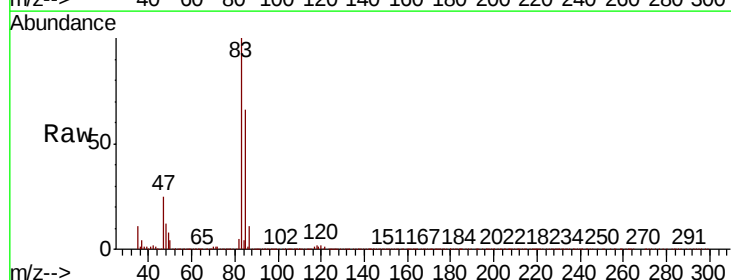
Manual Integrations
APPROVED

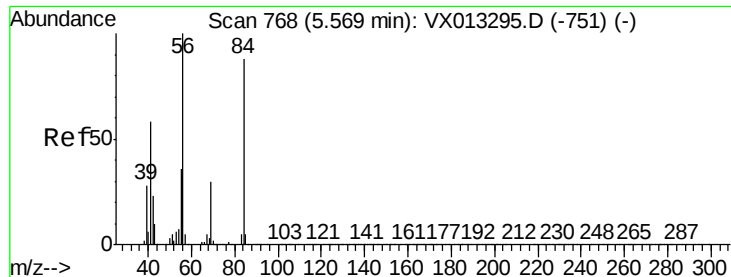
MMDadoda
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#30
Chloroform
Concen: 50.876 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion:	83	Resp:	642410
Ion Ratio	Lower	Upper	
83	100		
85	66.1	50.2	75.4





#31

Cvclohexane

Concen: 49.822 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

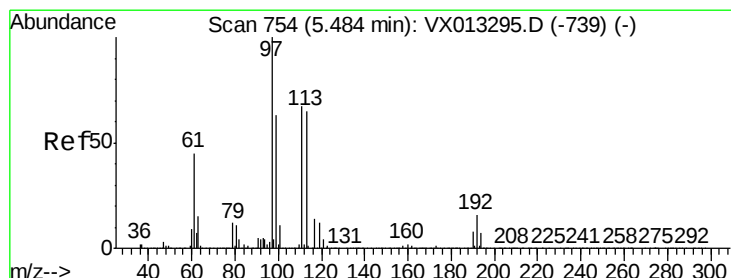
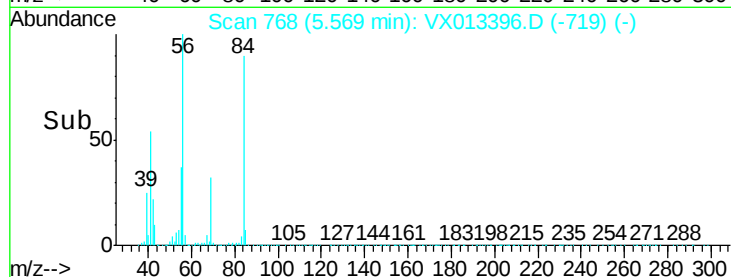
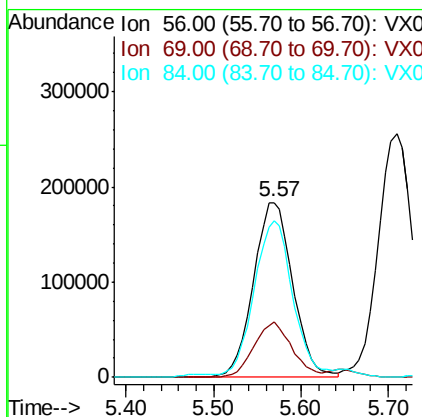
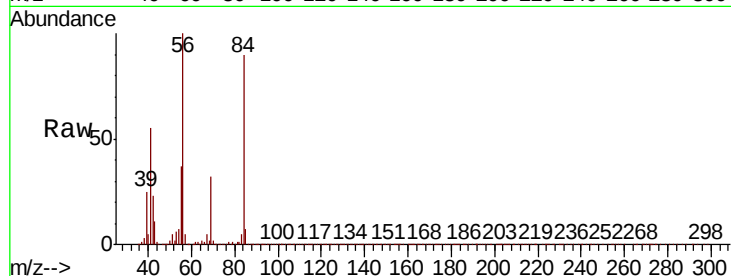
ClientSampleId :

VSTDCCC050EC

Tot Ion	56	Resp	573279
Ion	Ratio	Lower	Upper
56	100		
69	31.6	23.7	35.5
84	88.5	70.6	105.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.971 ug/l

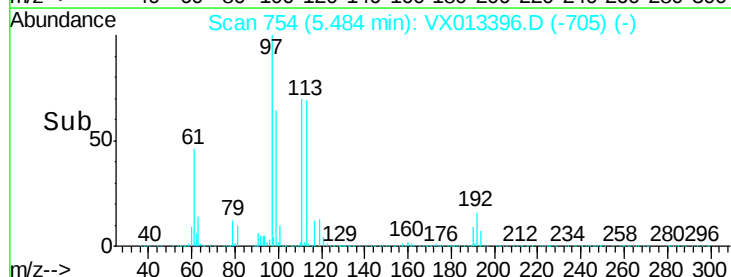
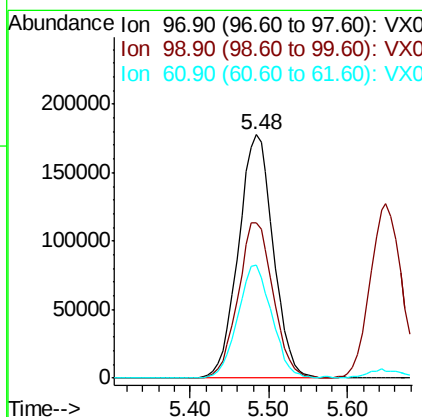
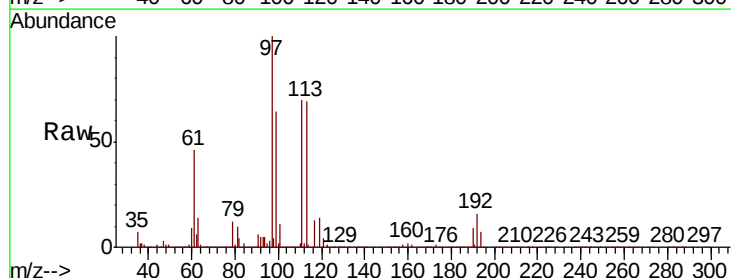
RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Tgt Ion	97	Resp	543023
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.1	76.7
61	45.5	36.5	54.7





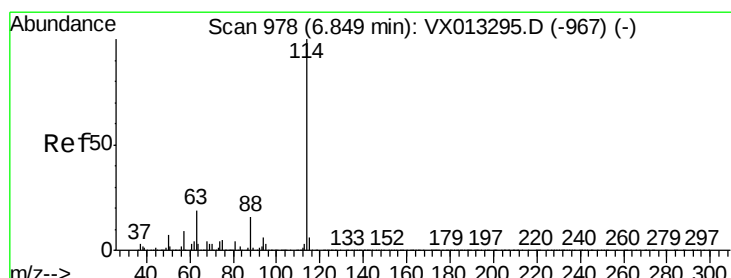
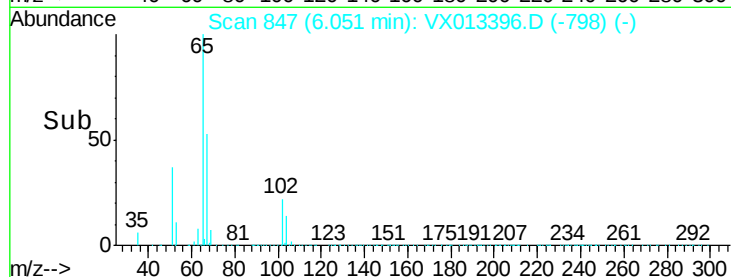
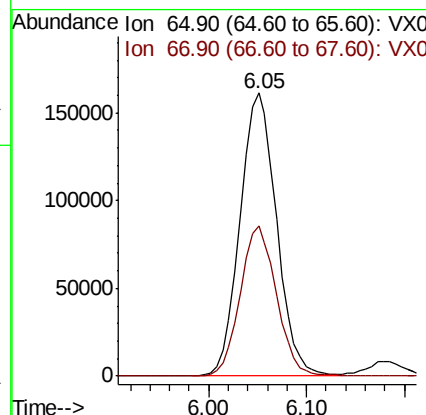
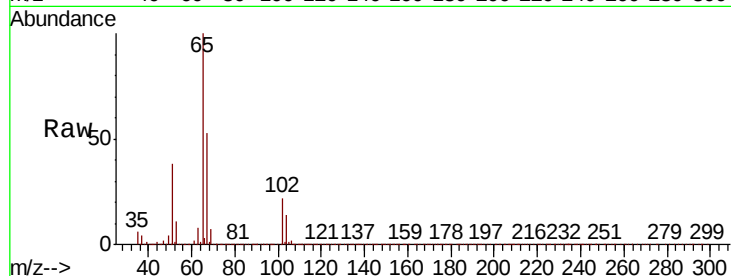
#33
1,2-Dichloroethane-d4
Concen: 49.722 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.2

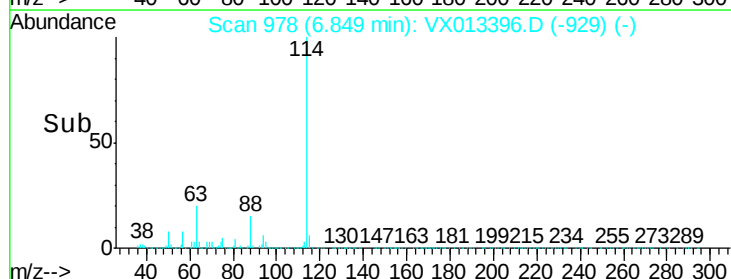
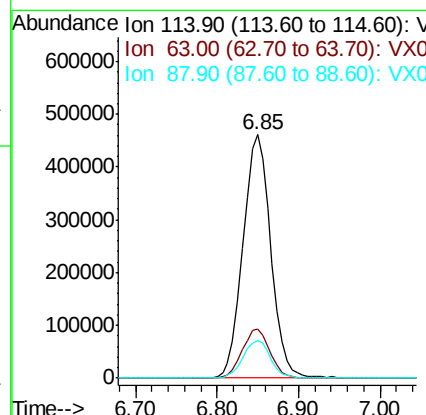
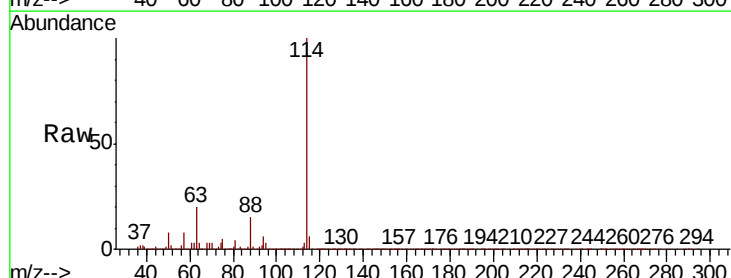
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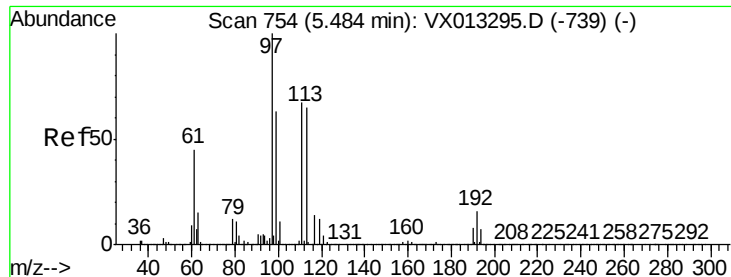
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.4
88	15.4	0.0	32.2





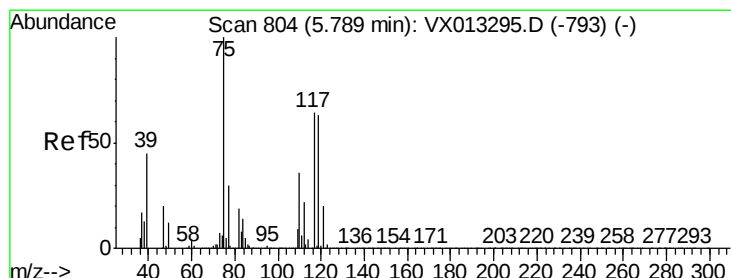
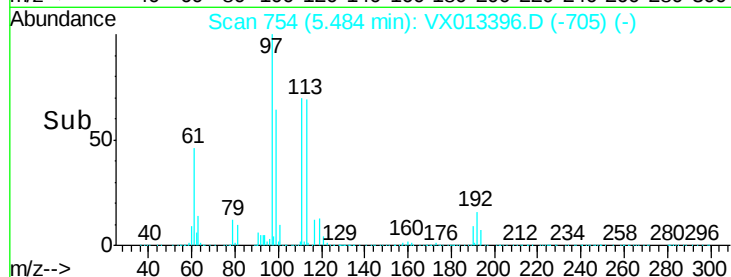
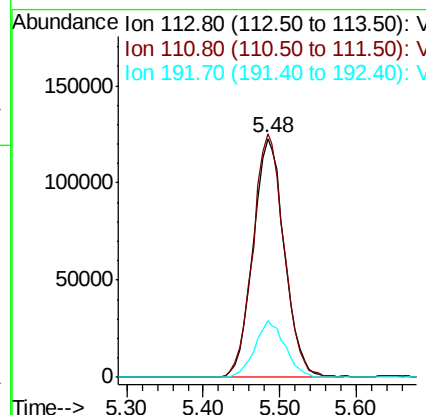
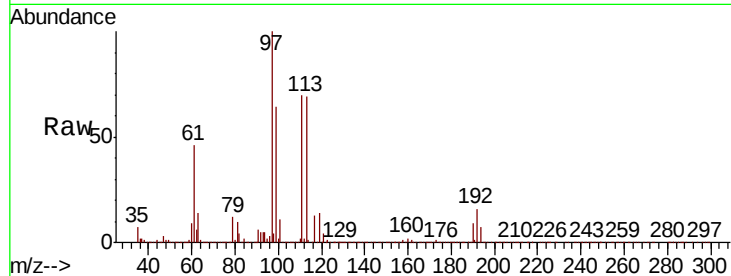
#35
 Dibromofluoromethane
 Concen: 51.468 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013396.D
 Acq: 12 Nov 2019 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	349996		
111	101.0	81.9	122.9	
192	22.5	19.1	28.7	

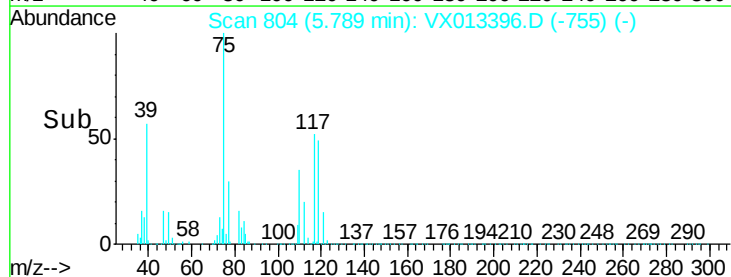
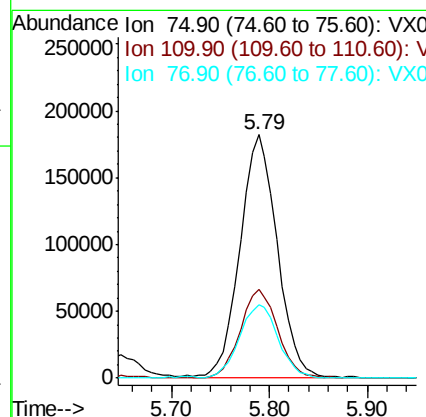
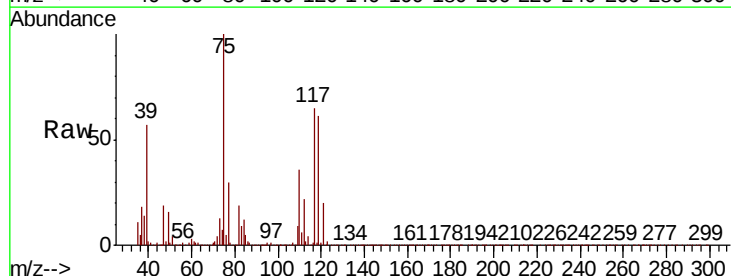
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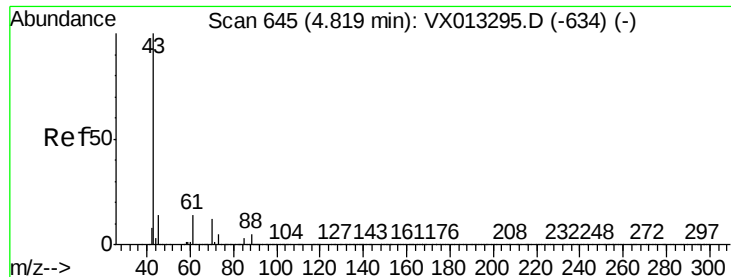
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#36
 1,1-Dichloropropene
 Concen: 51.257 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013396.D
 Acq: 12 Nov 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	476752		
110	37.1	18.1	54.1	
77	31.4	25.0	37.4	





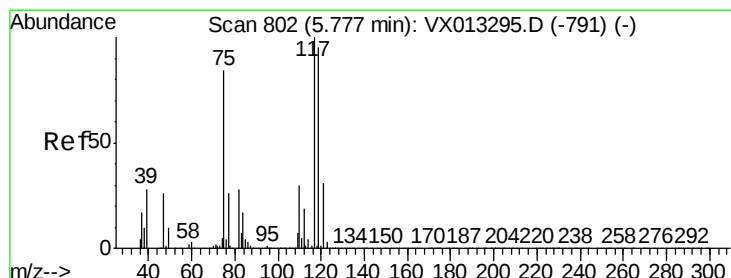
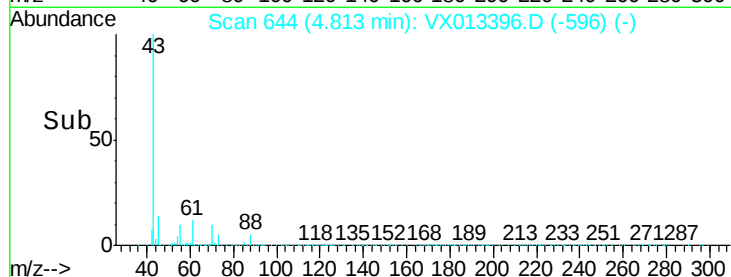
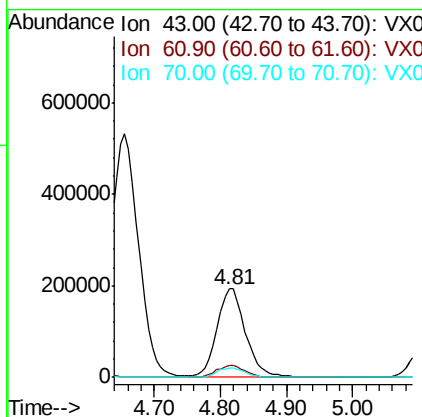
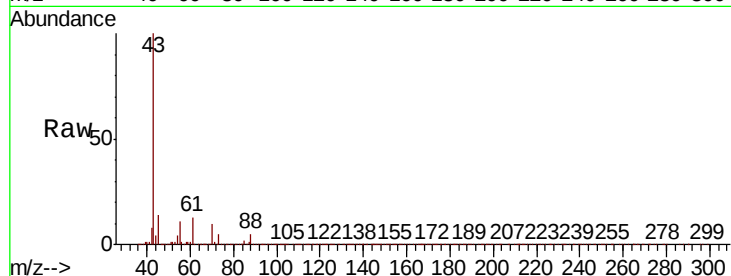
#37
Ethyl Acetate
Concen: 49.879 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	573264
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.7	16.1
70	10.7	8.7	13.1

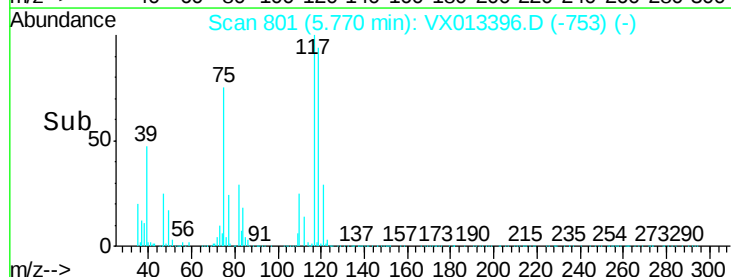
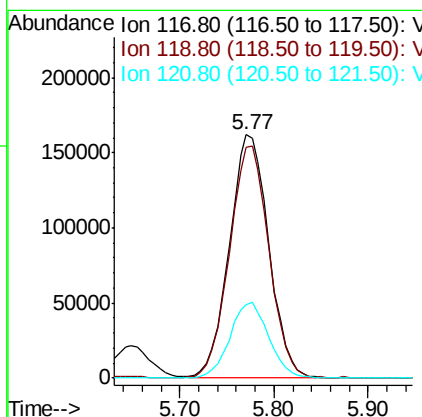
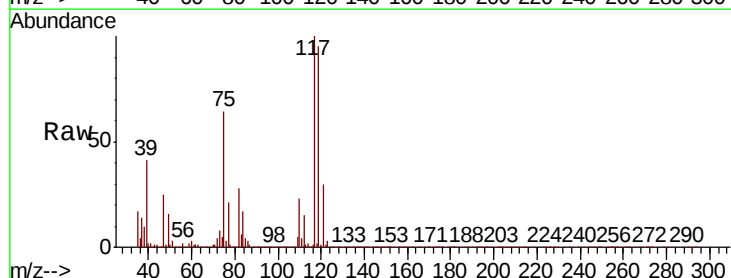
Manual Integrations
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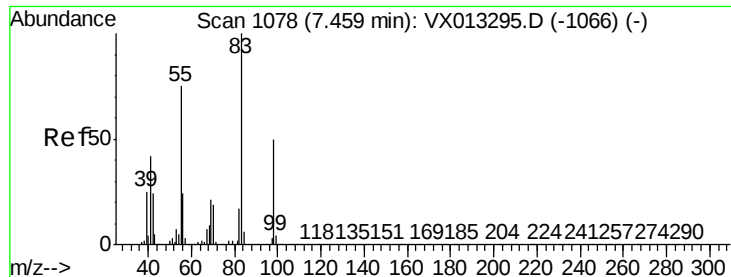
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#38
Carbon Tetrachloride
Concen: 51.700 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion	117	Resp	470232
Ion Ratio	Lower	Upper	
117	100		
119	94.8	76.1	114.1
121	29.8	24.6	37.0





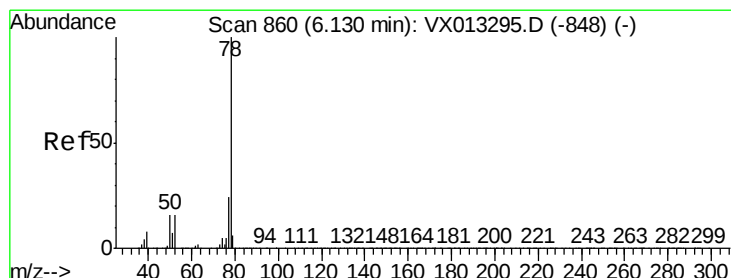
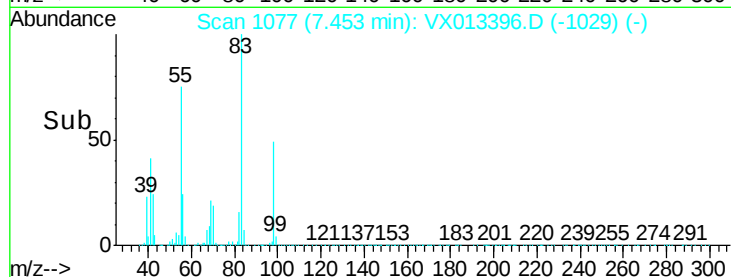
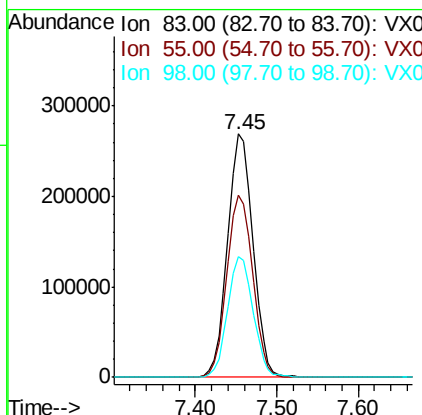
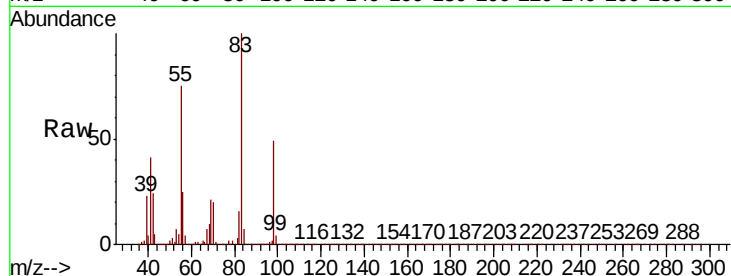
#39
Methvlcvclohexane
Concen: 49.932 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.7	60.3	90.5
98	49.3	40.3	60.5

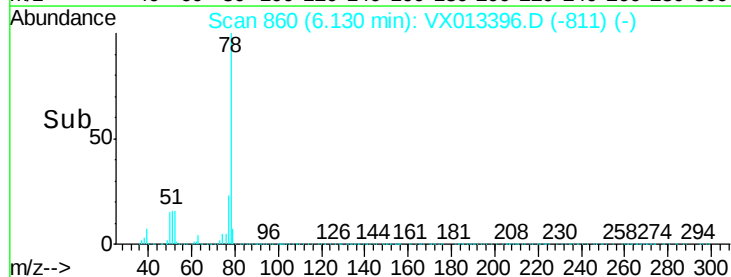
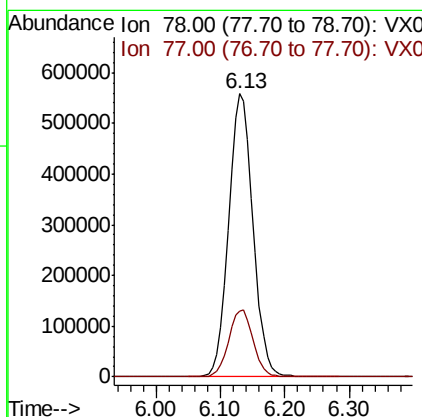
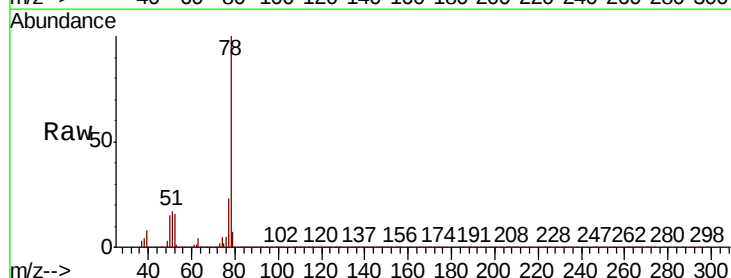
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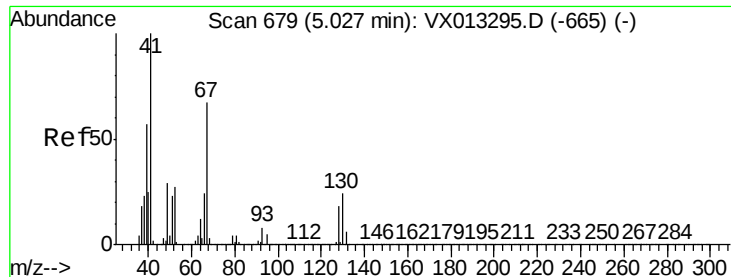
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#40
Benzene
Concen: 51.113 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.5	29.3





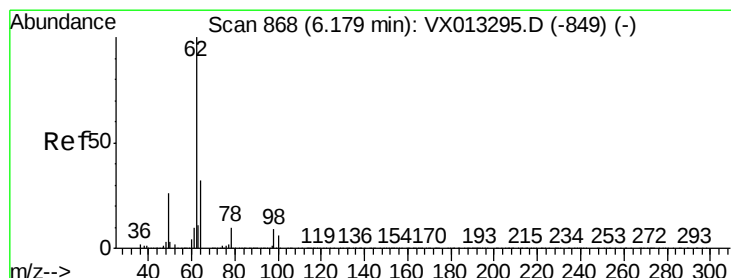
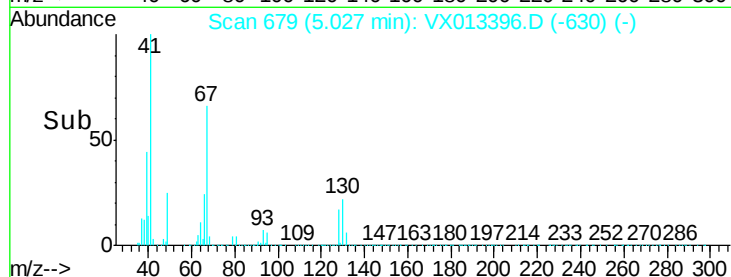
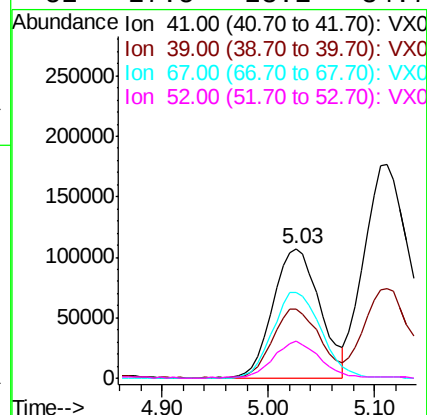
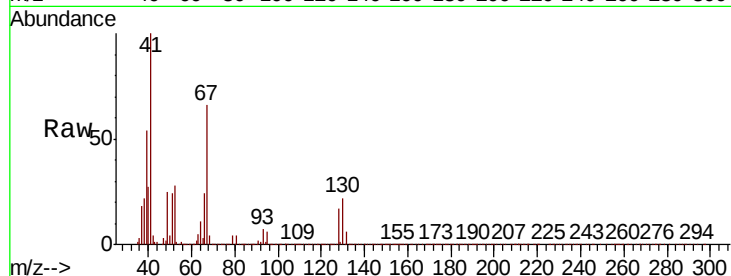
#41
Methacrylonitrile
Concen: 50.680 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		326472		
39	53.7	45.0	67.6		
67	67.9	55.4	83.2		
52	27.5	23.1	34.7		

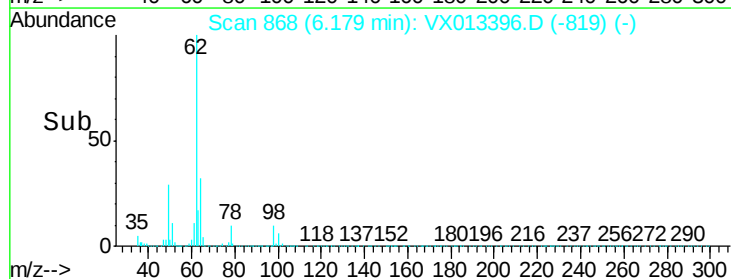
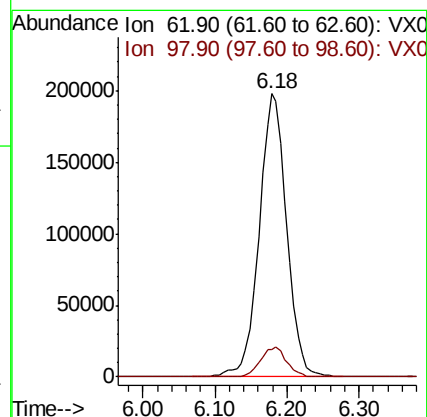
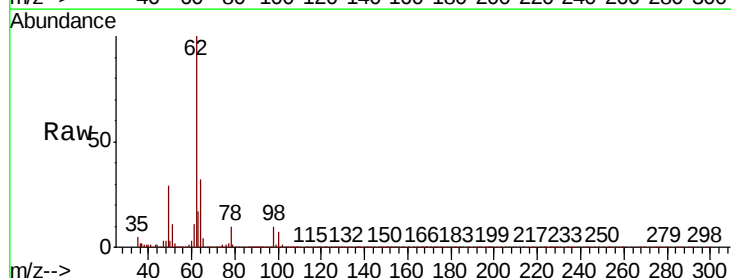
Manual Integrations
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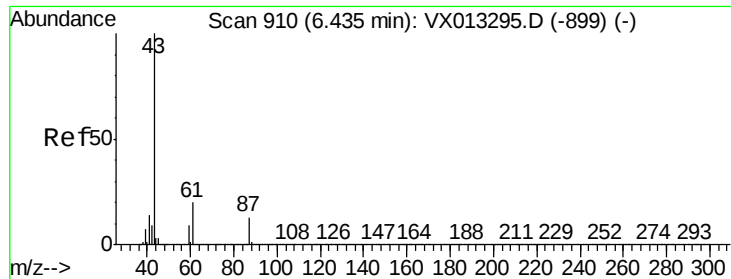
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#42
1,2-Dichloroethane
Concen: 50.045 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		523003		
98	10.1	0.0	19.4		





#43

Isopropyl Acetate

Concen: 51.405 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

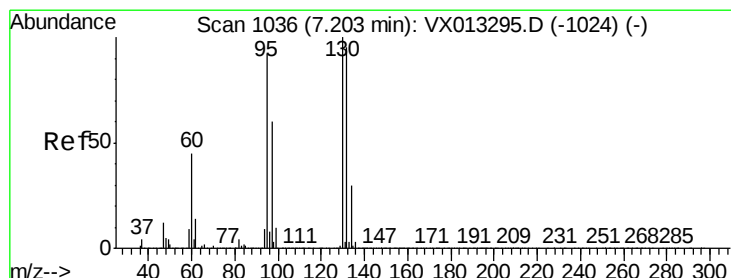
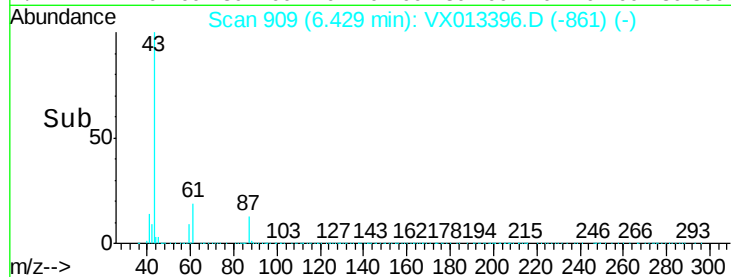
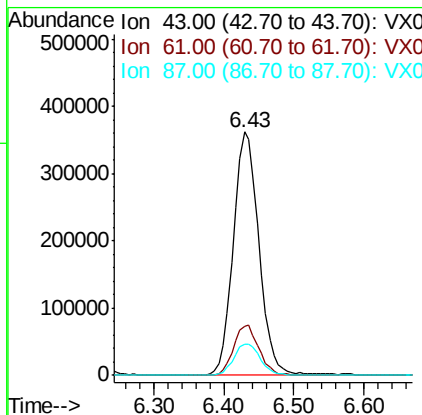
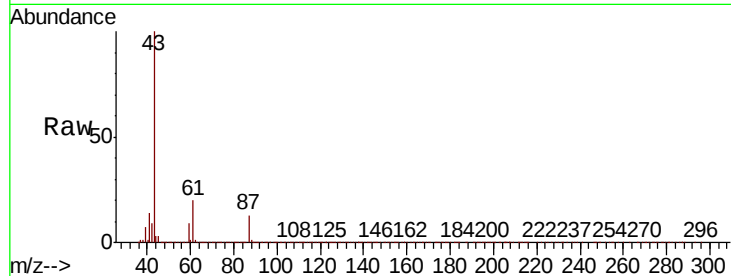
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	919984
Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.8	23.8
87	13.4	10.4	15.6

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#44

Trichloroethene

Concen: 49.225 ug/l

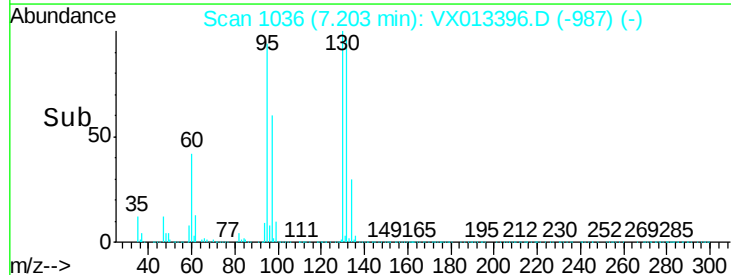
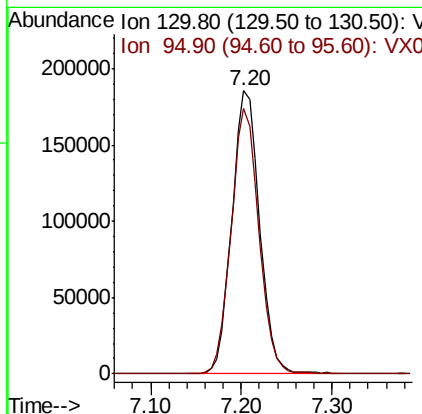
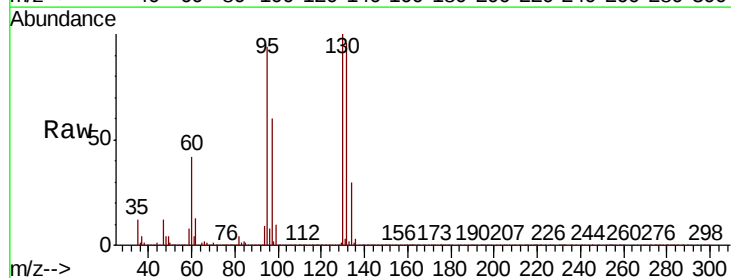
RT: 7.20 min Scan# 1036

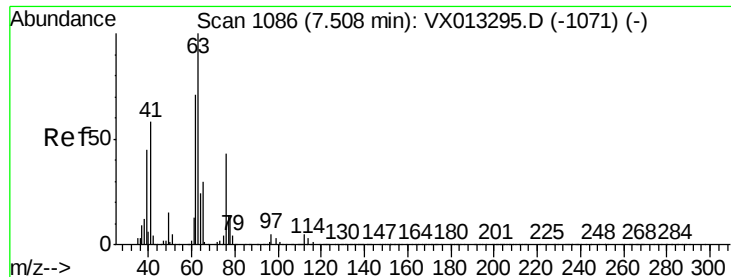
Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Tgt Ion:	130	Resp:	392576
Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	184.8





#45

1,2-Dichloropropane

Concen: 51.879 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 382978

Ion Ratio Lower Upper

63 100

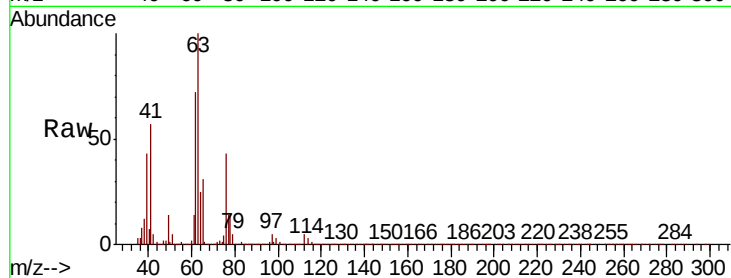
65 31.0 24.3 36.5

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

200000

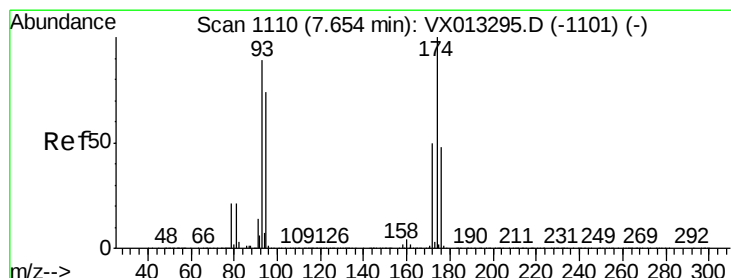
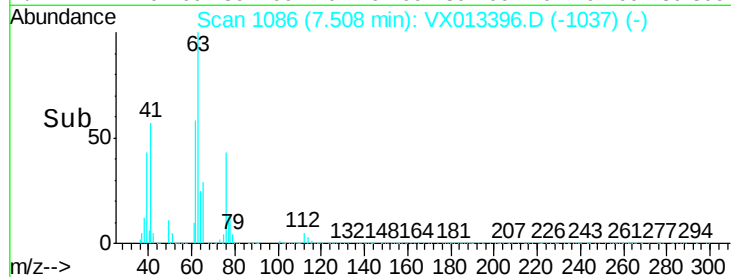
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 49.250 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

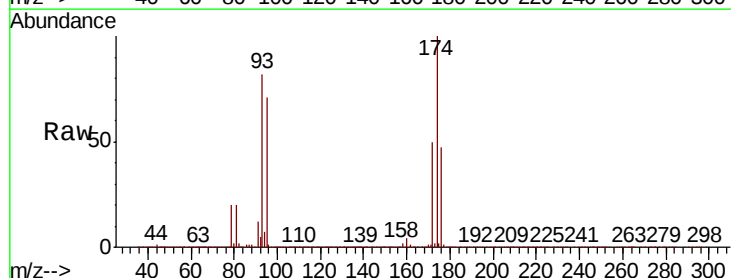
Tgt Ion: 93 Resp: 248237

Ion Ratio Lower Upper

93 100

95 84.2 65.8 98.6

174 119.1 90.4 135.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

200000

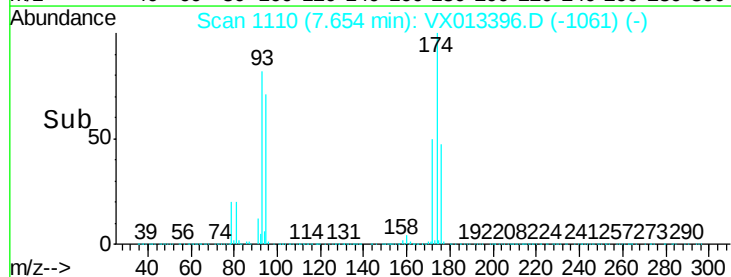
150000

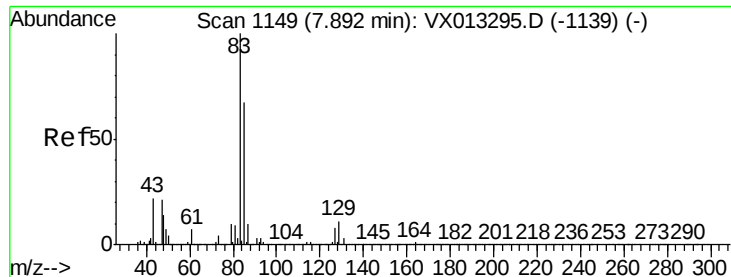
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 52.594 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

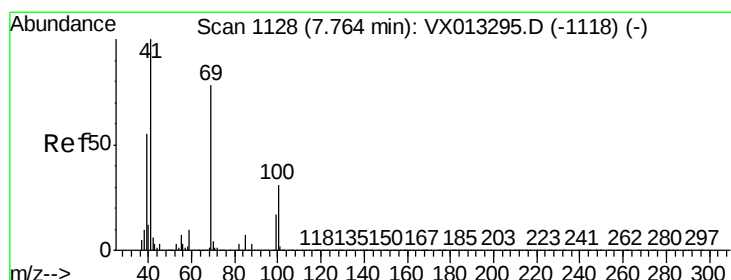
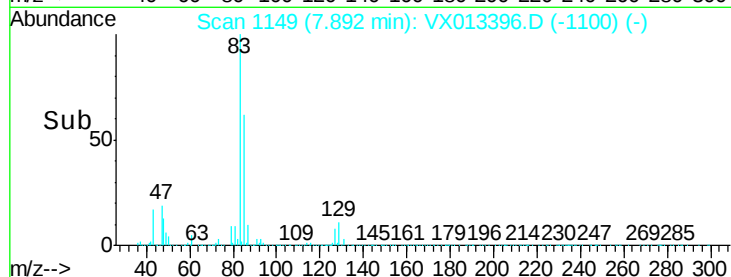
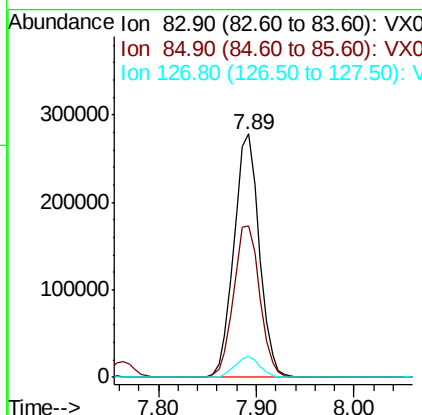
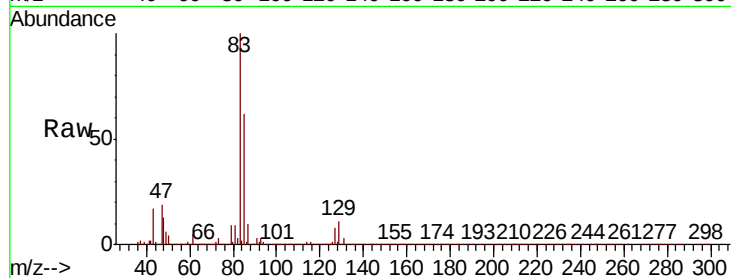
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	499880
Ion Ratio	Lower	Upper	
83	100		
85	62.3	53.7	80.5
127	8.3	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.695 ug/l

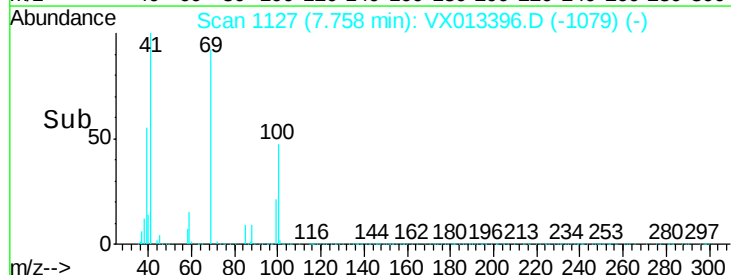
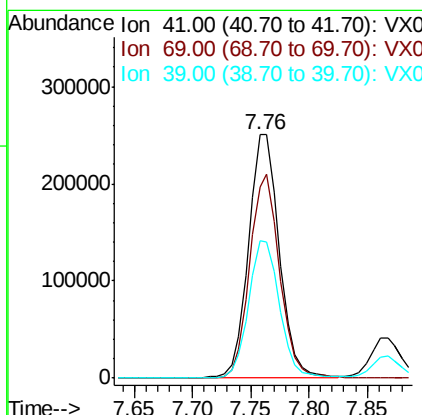
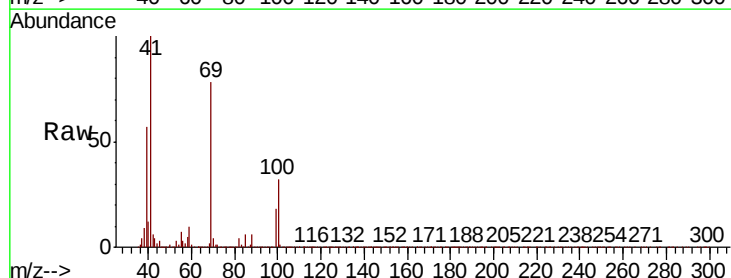
RT: 7.76 min Scan# 1127

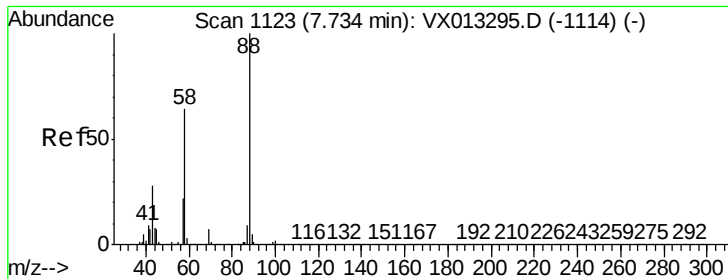
Delta R.T. -0.01 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Tgt Ion:	41	Resp:	461830
Ion Ratio	Lower	Upper	
41	100		
69	81.8	63.0	94.6
39	56.8	45.9	68.9





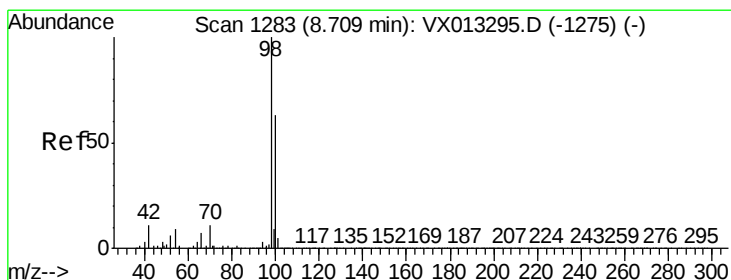
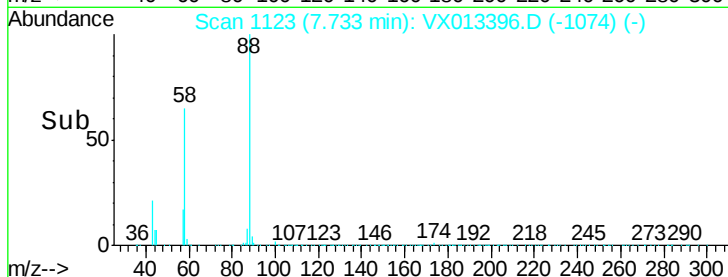
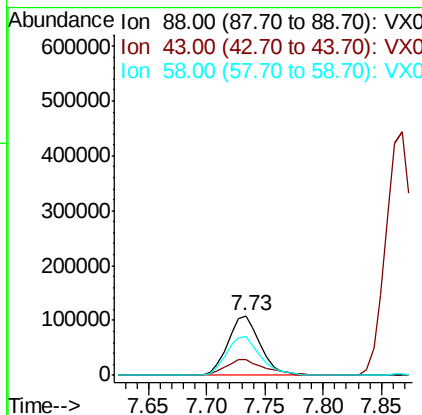
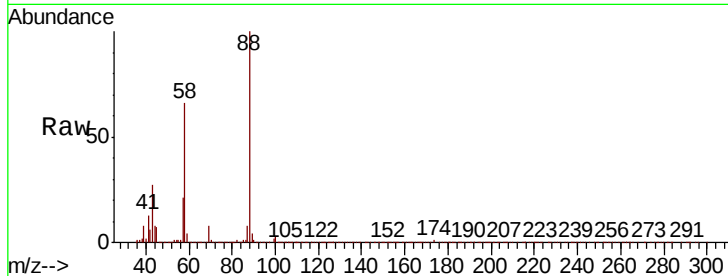
#49
1,4-Dioxane
Concen: 1011.188 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	26.6	39.8
58	69.2	55.0	82.6

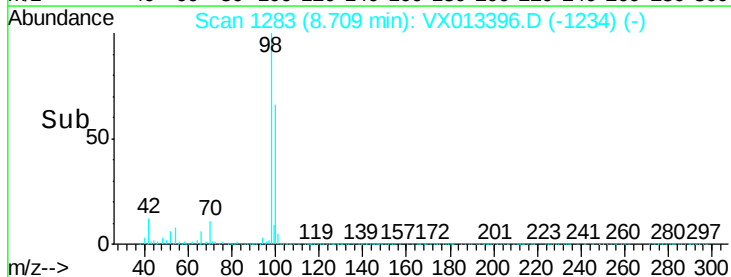
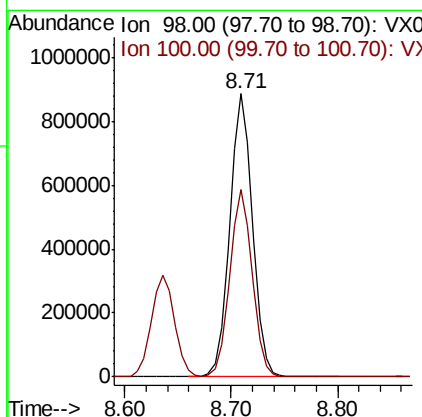
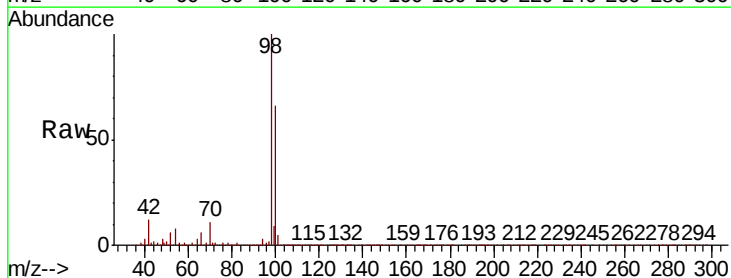
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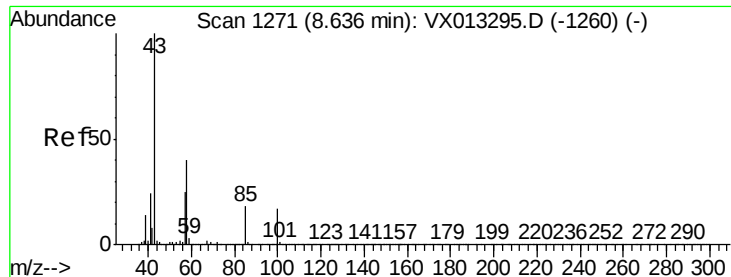
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#50
Toluene-d8
Concen: 51.615 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.2





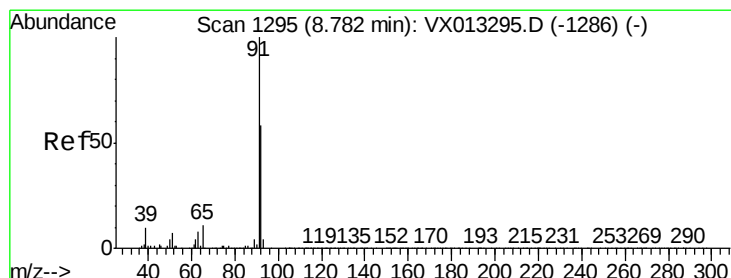
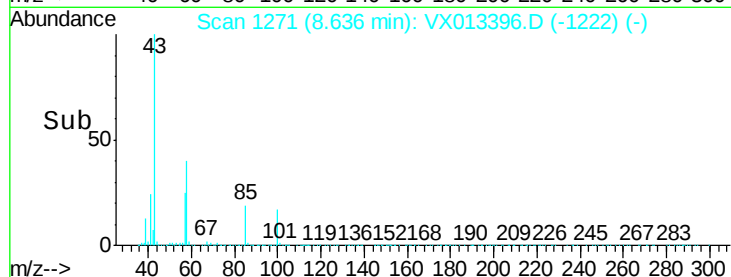
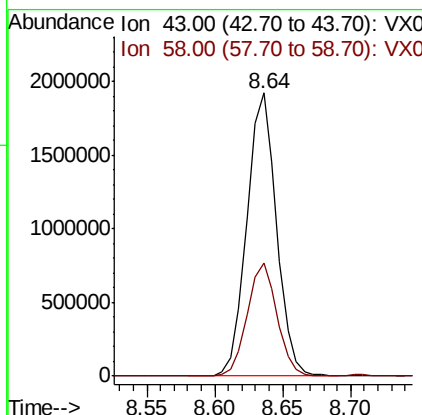
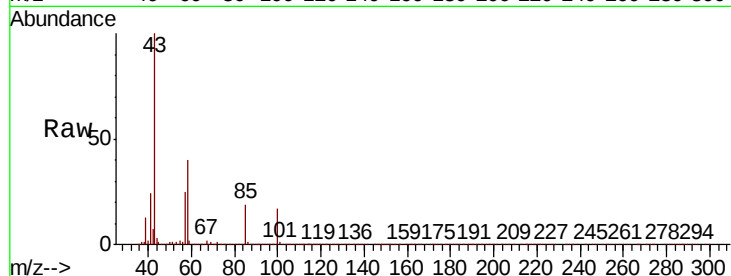
#51
4-Methyl-2-Pentanone
Concen: 250.369 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2939791
Ion Ratio Lower Upper
43 100
58 40.1 31.4 47.0

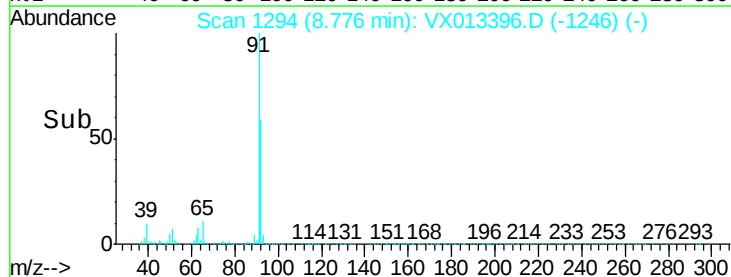
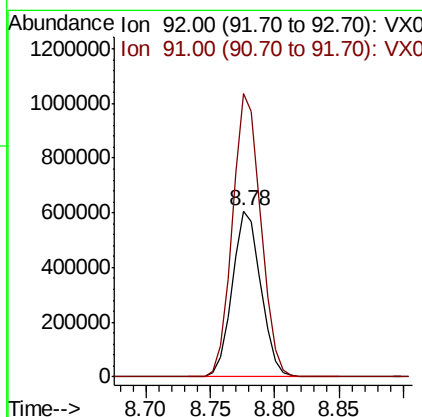
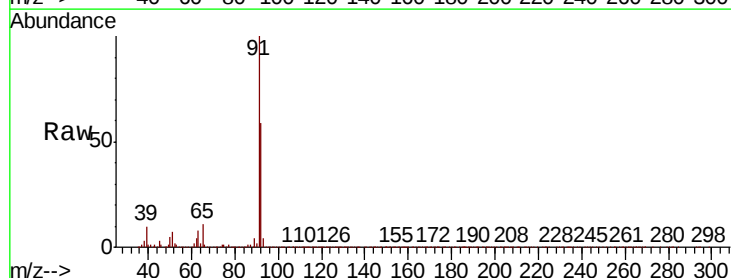
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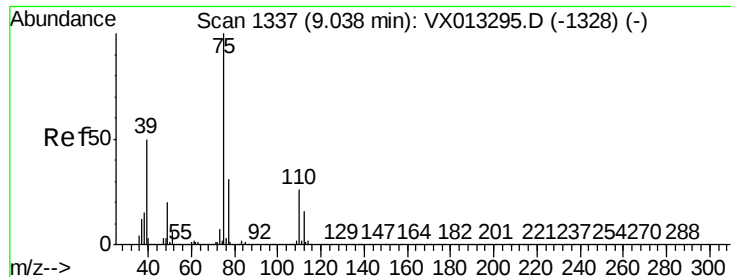
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#52
Toluene
Concen: 52.067 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion: 92 Resp: 934981
Ion Ratio Lower Upper
92 100
91 170.1 138.0 207.0





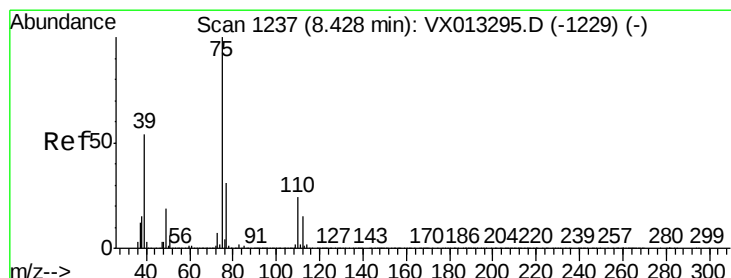
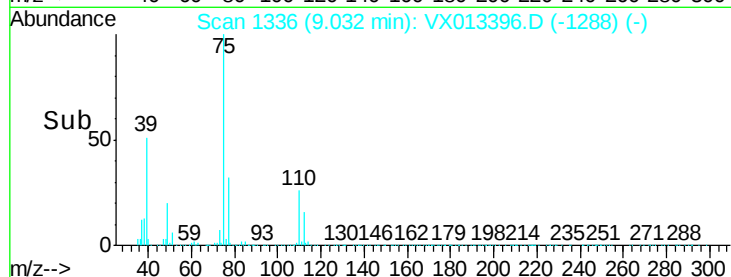
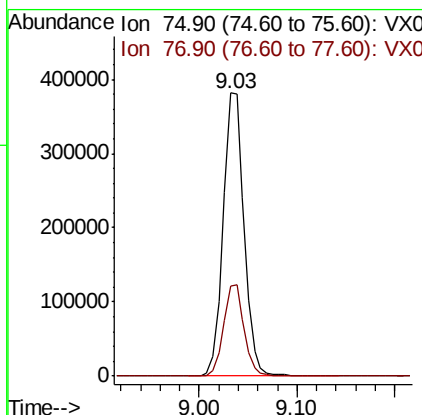
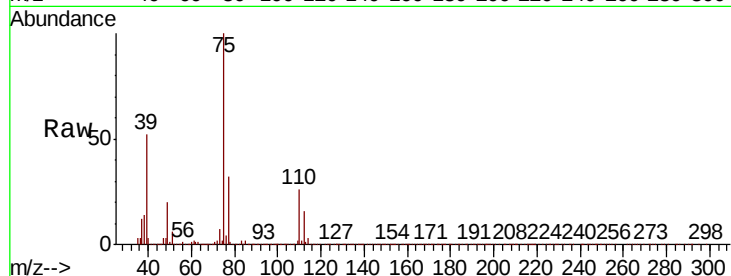
#53
t-1,3-Dichloropropene
Concen: 54.296 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 564303
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4

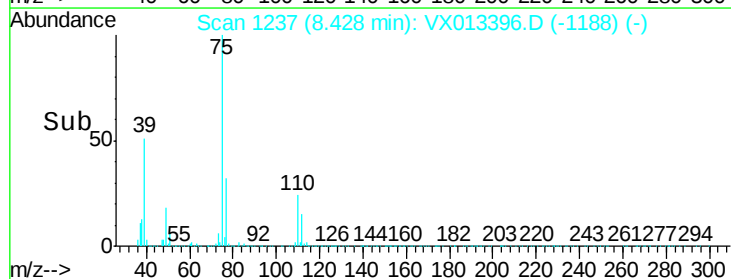
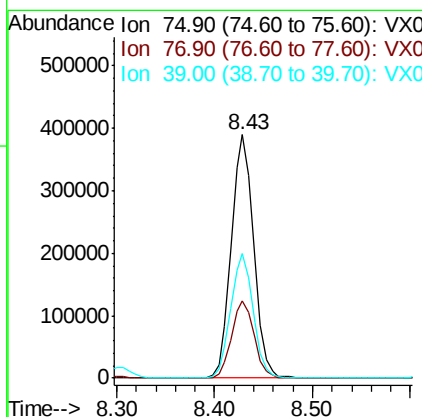
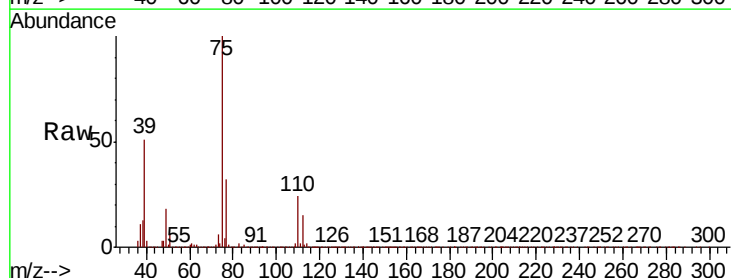
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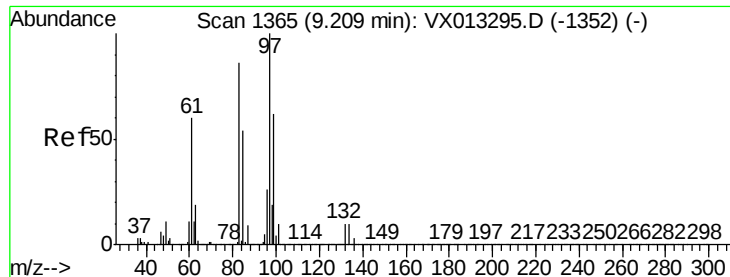
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#54
cis-1,3-Dichloropropene
Concen: 53.165 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion: 75 Resp: 618090
Ion Ratio Lower Upper
75 100
77 31.6 24.7 37.1
39 51.2 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 52.364 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

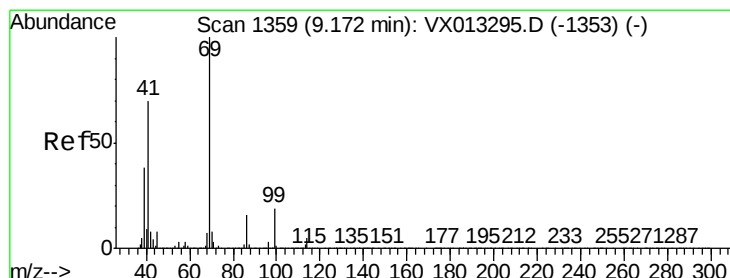
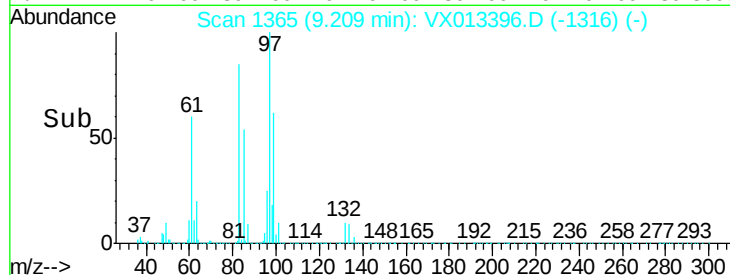
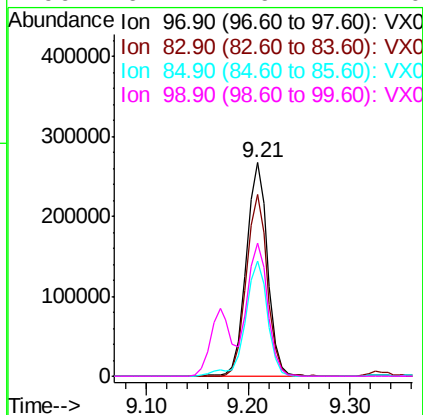
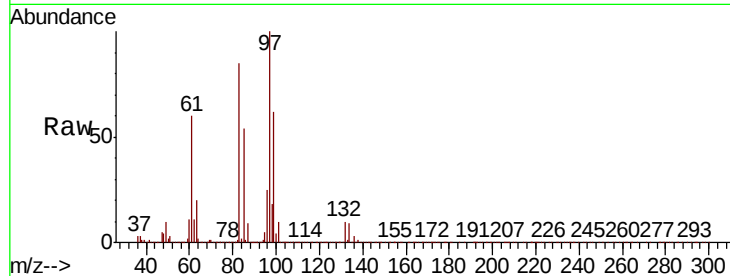
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		389751		
83	85.1	68.6	103.0		
85	53.9	43.1	64.7		
99	62.1	49.4	74.0		

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#56

Ethyl methacrylate

Concen: 49.393 ug/l

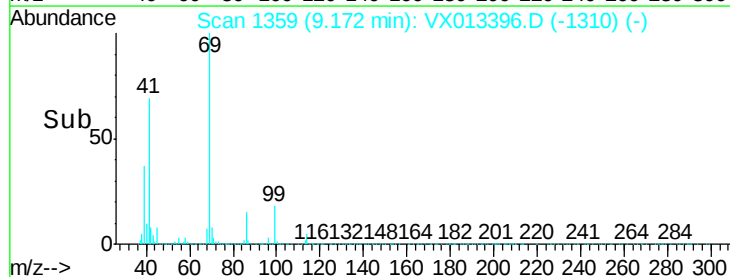
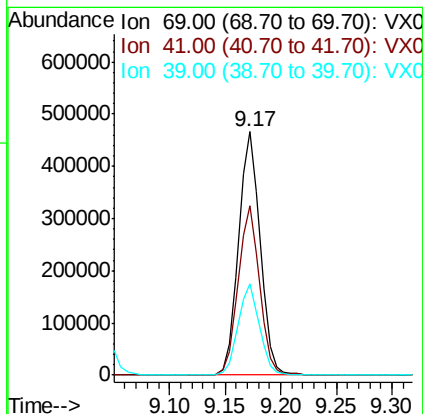
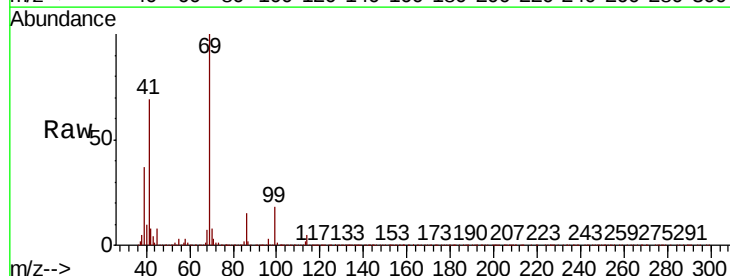
RT: 9.17 min Scan# 1359

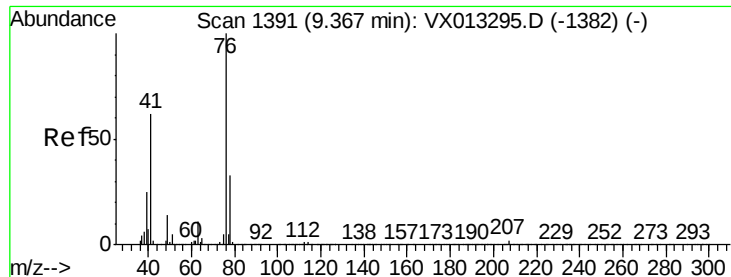
Delta R.T. 0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		627373		
41	68.4	56.2	84.2		
39	36.7	31.1	46.7		





#57

1,3-Dichloropropane

Concen: 51.364 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 648976

Ion Ratio Lower Upper

76 100

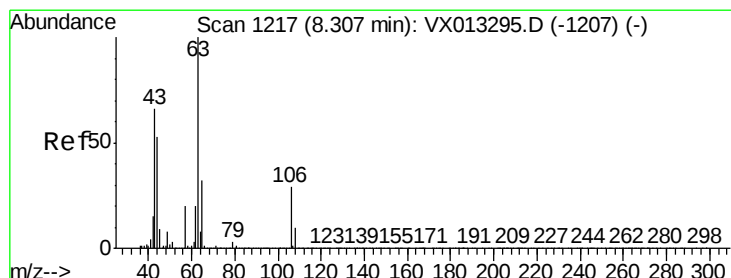
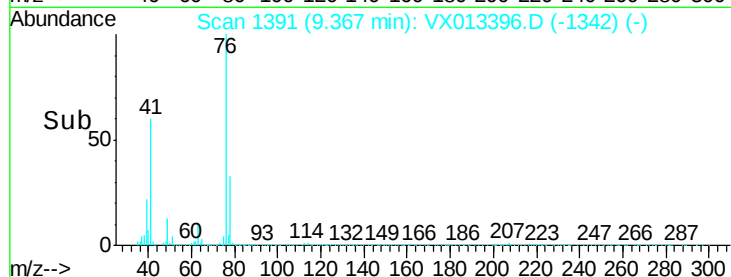
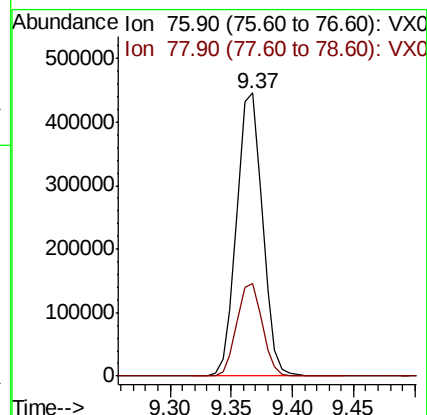
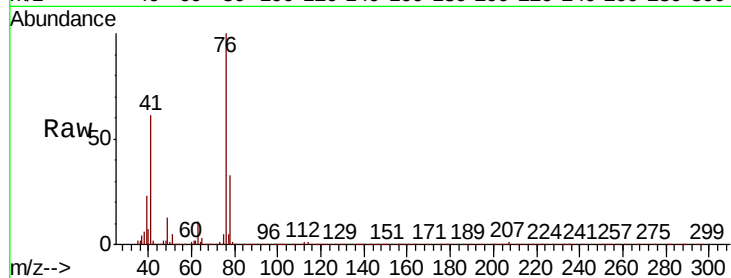
78 32.4 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 250.974 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013396.D

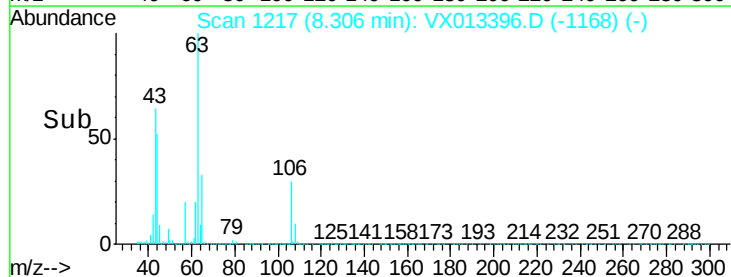
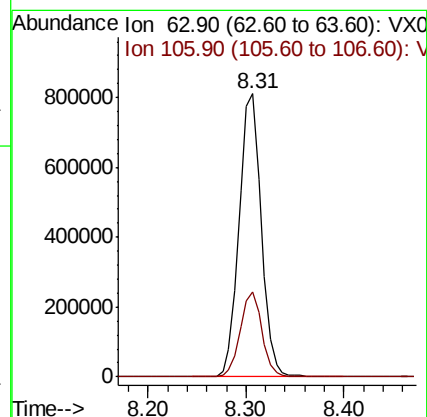
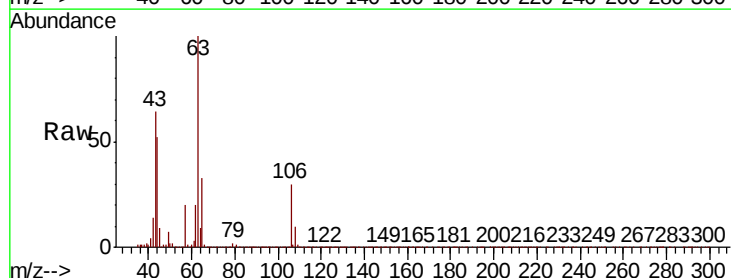
Acq: 12 Nov 2019 19:34

Tgt Ion: 63 Resp: 1277254

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2





#59

2-Hexanone

Concen: 251.076 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2278222

Ion Ratio Lower Upper

43 100

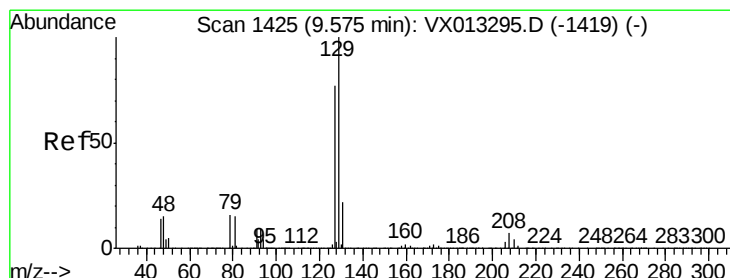
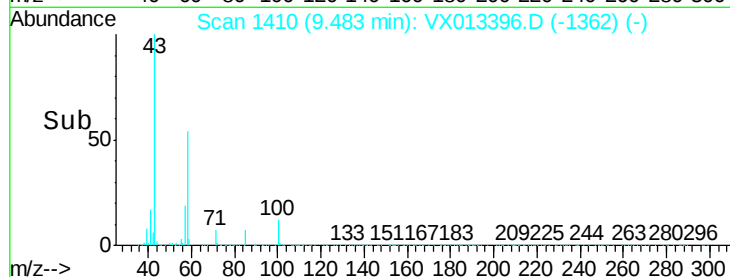
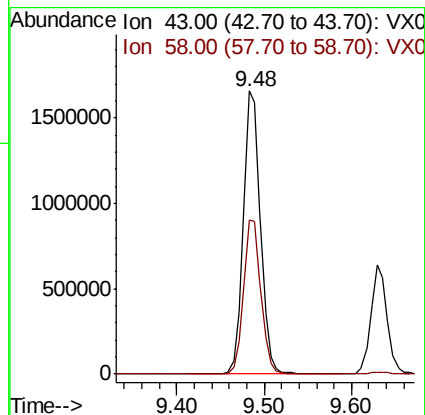
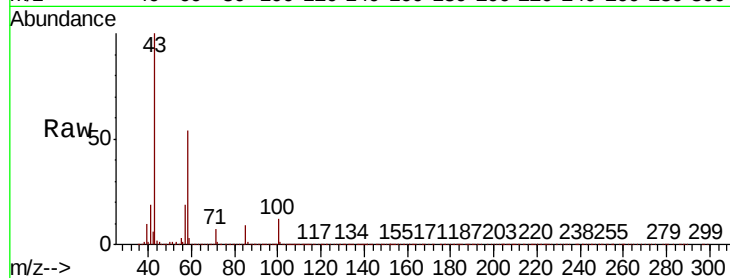
58 55.4 27.3 81.8

Manual Integrations

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MMDadoda

11/13/2019 9:38:39 AM



#60

Dibromochloromethane

Concen: 54.312 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX013396.D

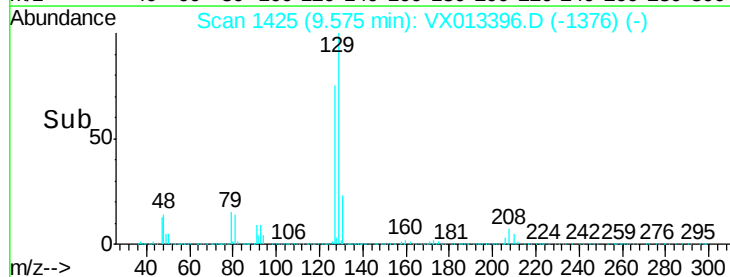
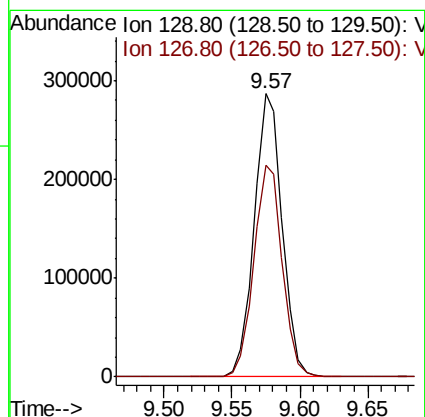
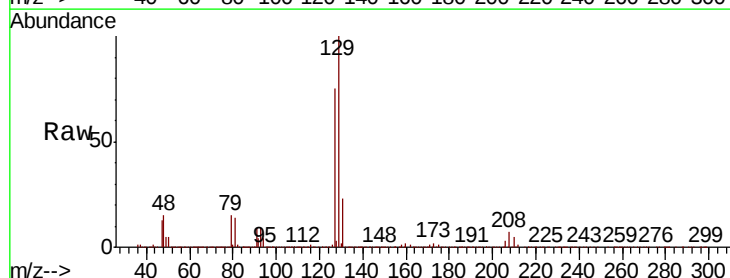
Acq: 12 Nov 2019 19:34

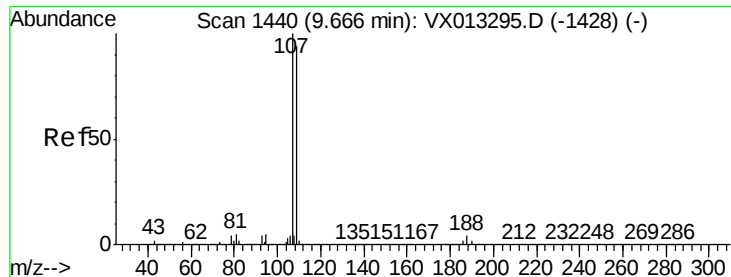
Tgt Ion: 129 Resp: 413433

Ion Ratio Lower Upper

129 100

127 76.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.333 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 405716

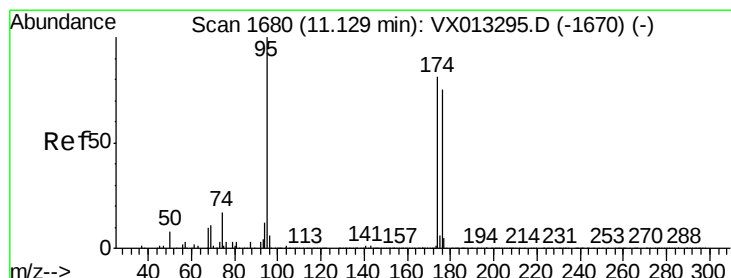
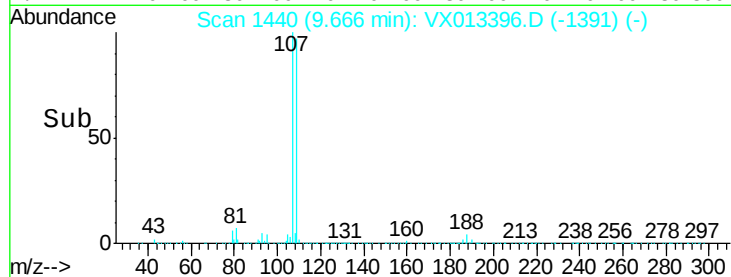
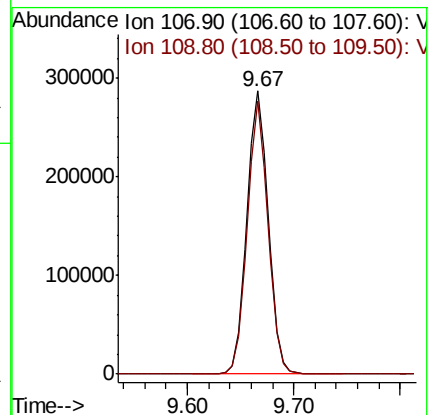
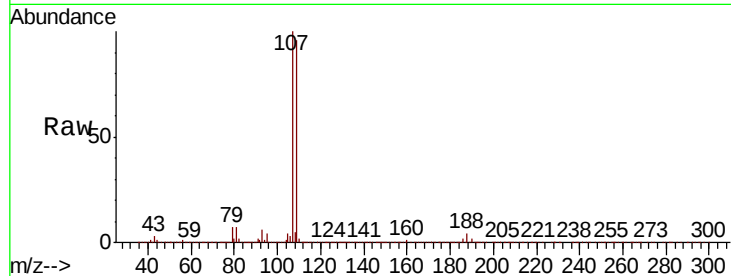
Ion Ratio Lower Upper

107 100

109 94.1 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 51.640 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

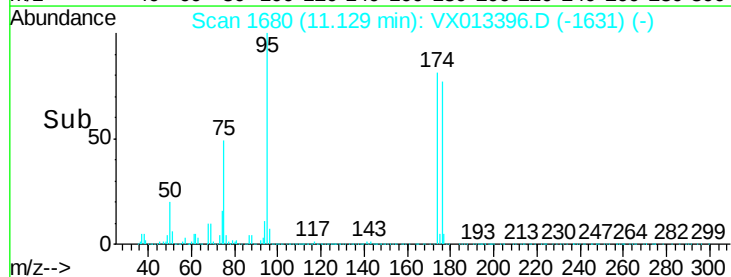
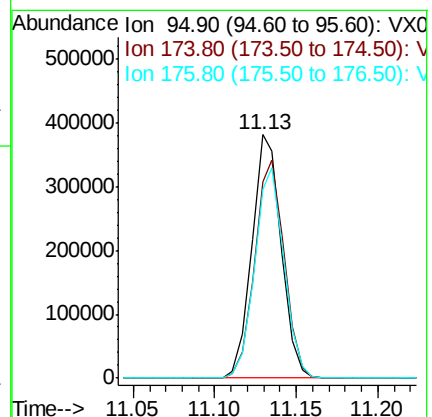
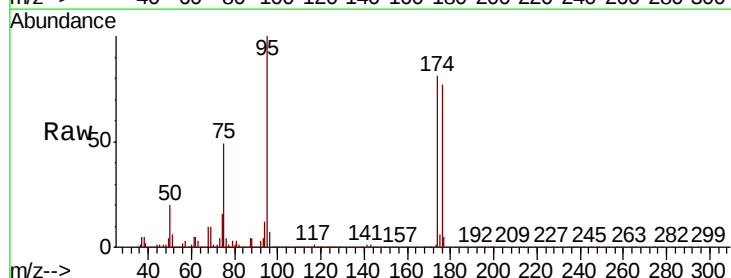
Tgt Ion: 95 Resp: 477789

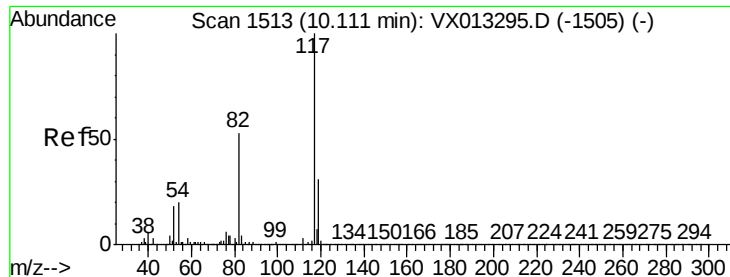
Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.8

176 86.6 0.0 173.0





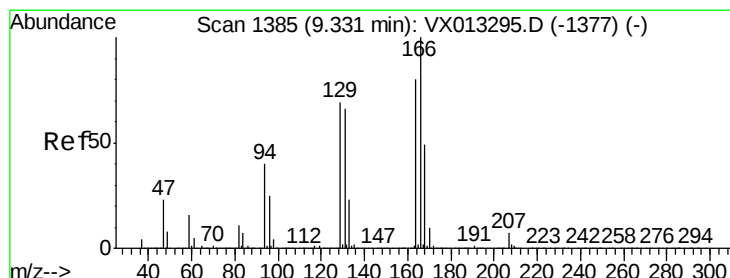
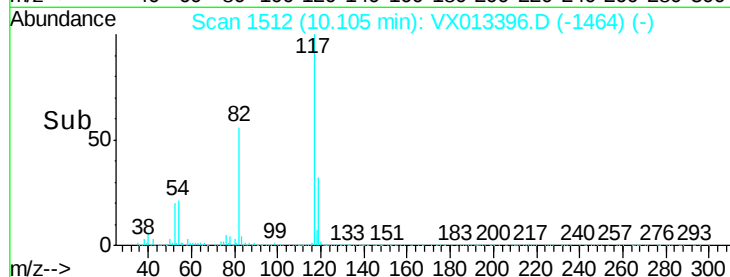
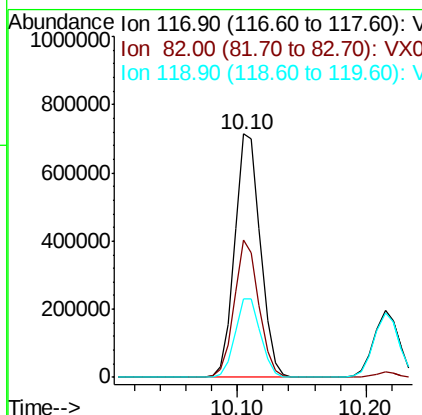
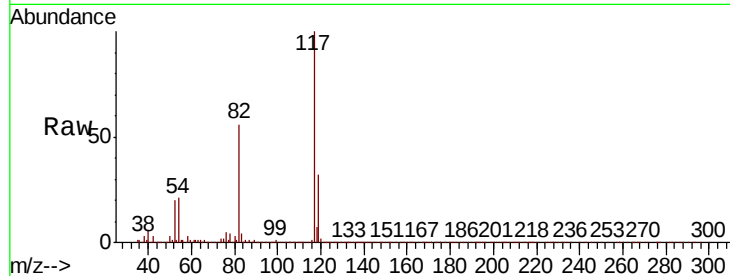
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	989859		
82	56.2		42.6	64.0
119	32.1		24.8	37.2

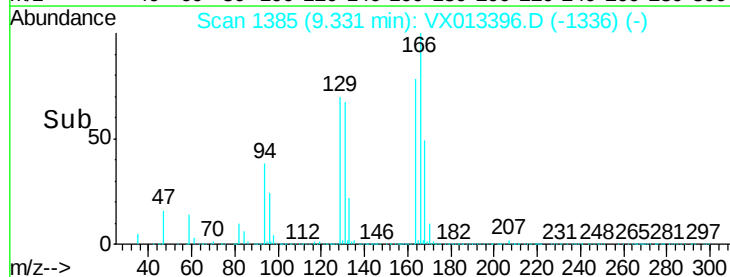
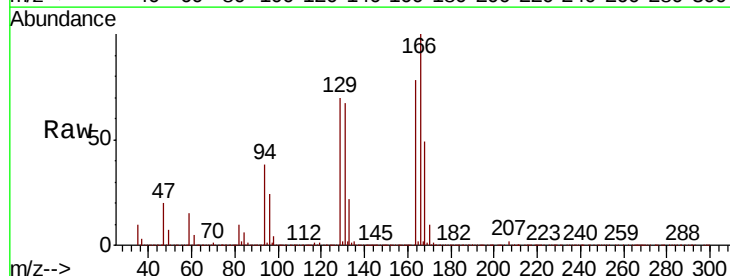
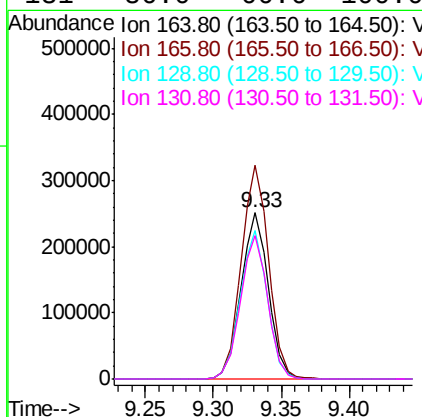
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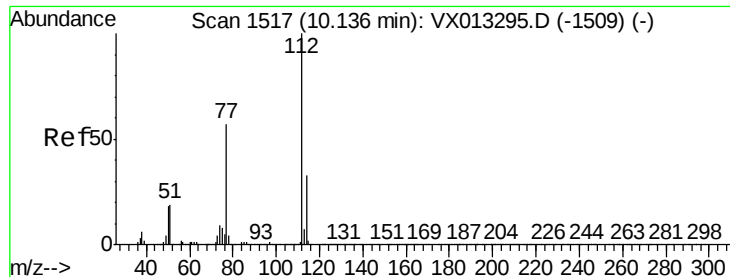
MMDadoda
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#64
Tetrachloroethene
Concen: 49.377 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	349888		
166	128.4		100.4	150.6
129	89.5		69.4	104.2
131	86.0		66.6	100.0





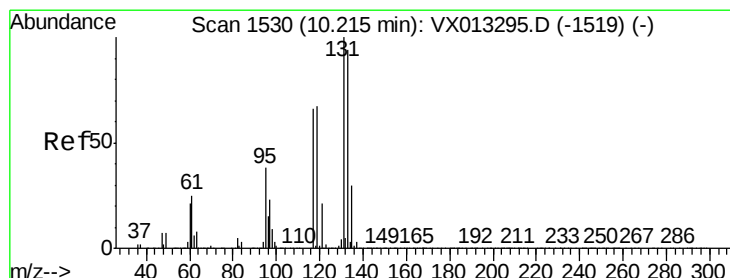
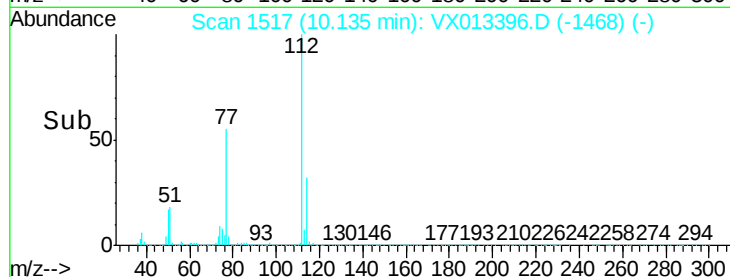
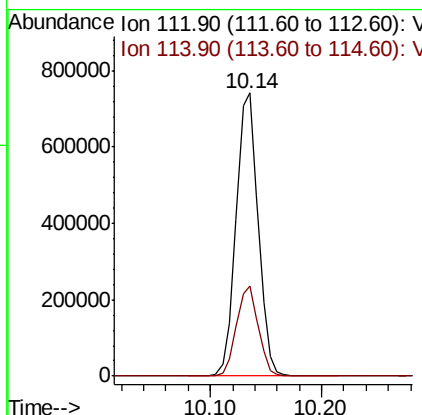
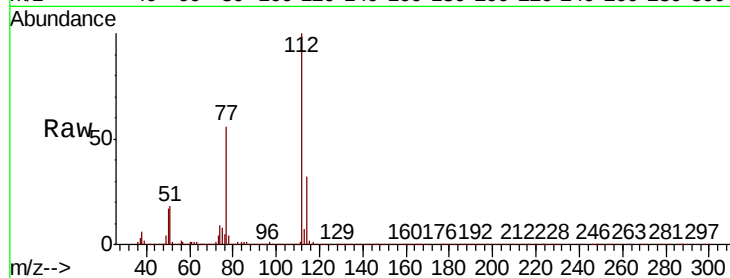
#65
Chlorobenzene
Concen: 50.671 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1015464
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6

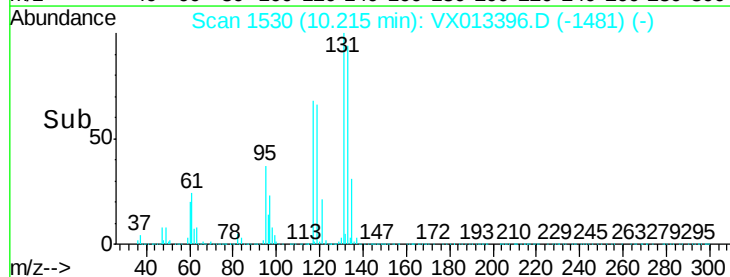
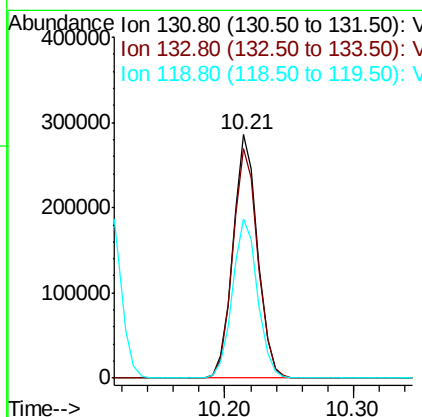
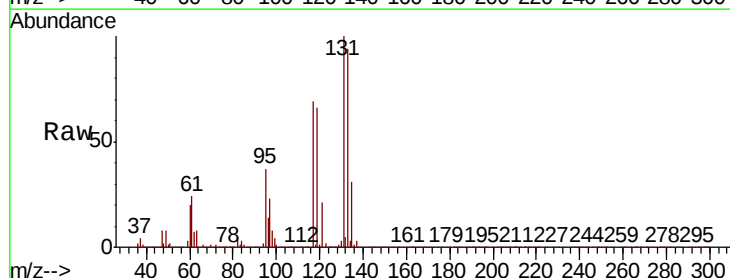
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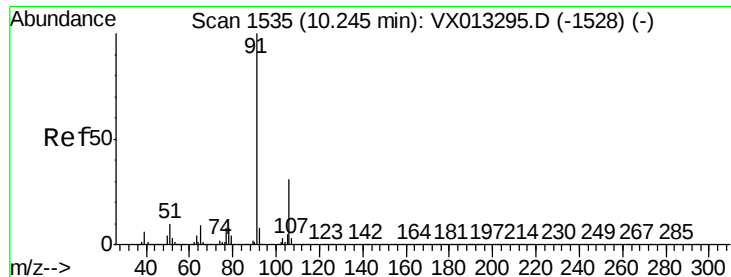
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.705 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion:131 Resp: 380461
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.0
119 66.5 33.0 99.0





#67

Ethyl Benzene

Concen: 51.366 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1776599

Ion Ratio Lower Upper

91 100

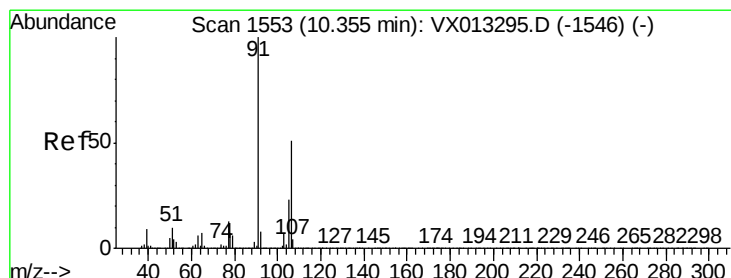
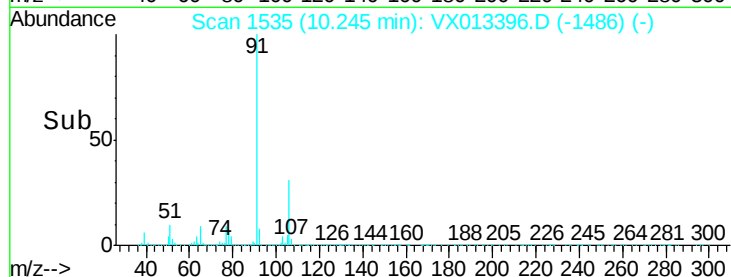
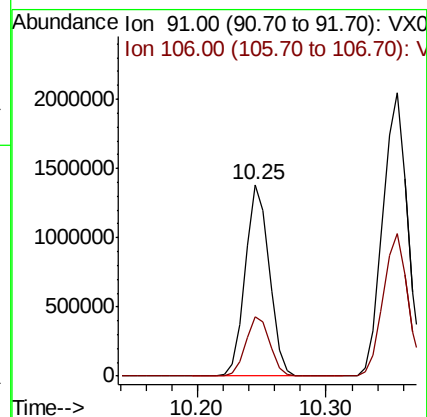
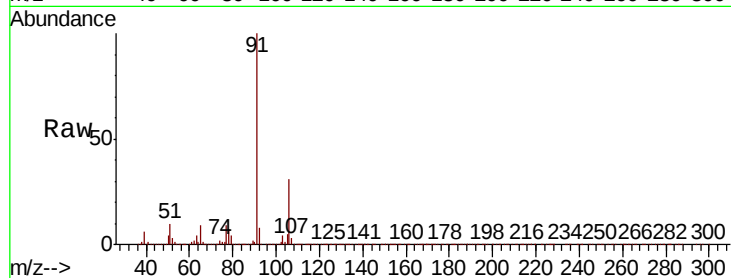
106 31.2 24.6 36.8

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#68

m/p-Xylenes

Concen: 104.263 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013396.D

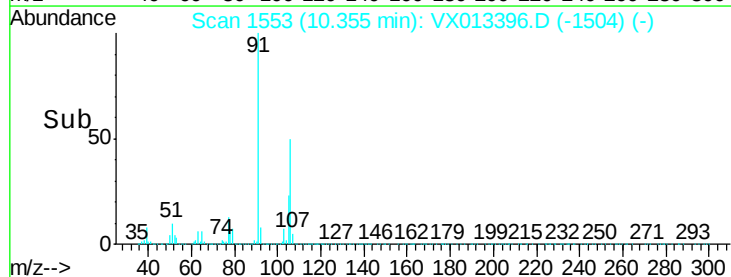
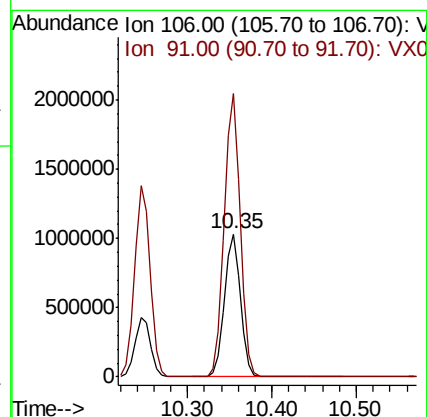
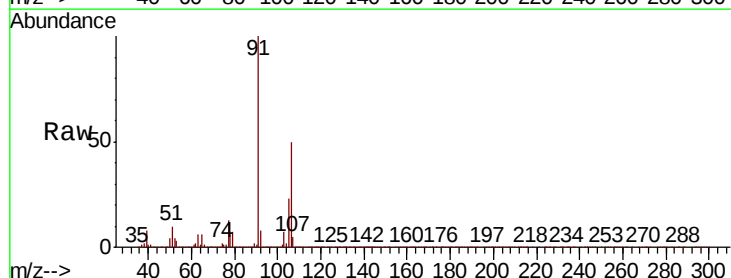
Acq: 12 Nov 2019 19:34

Tgt Ion: 106 Resp: 1363825

Ion Ratio Lower Upper

106 100

91 198.3 159.3 238.9





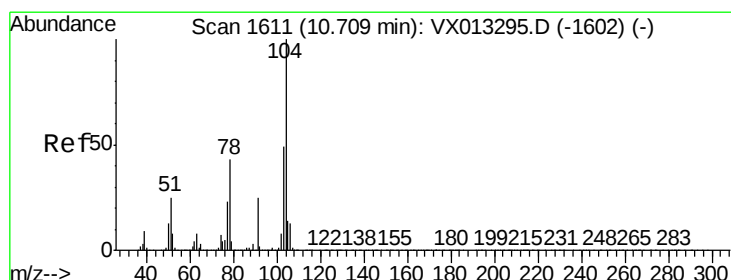
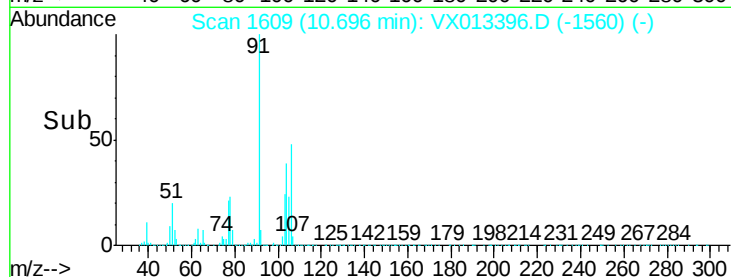
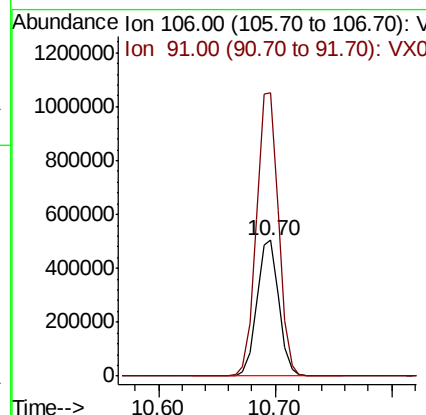
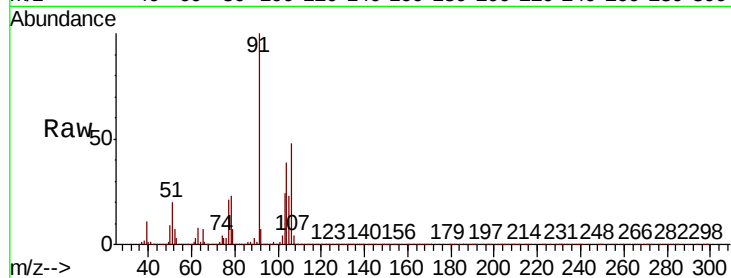
#69
o-Xylene
Concen: 51.483 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.4	105.7	317.0

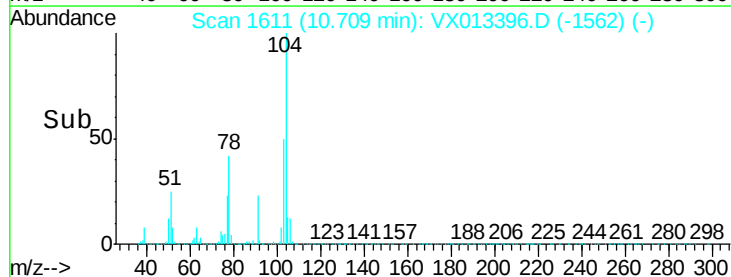
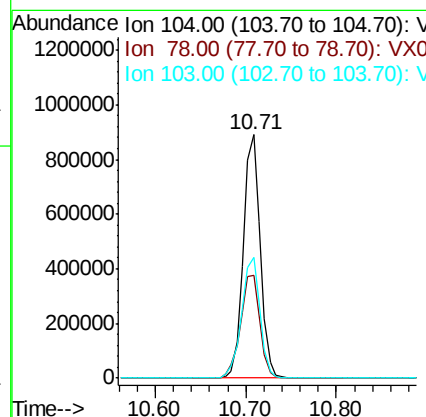
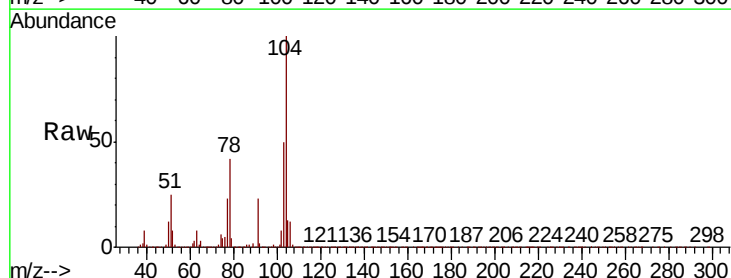
Manual Integrations
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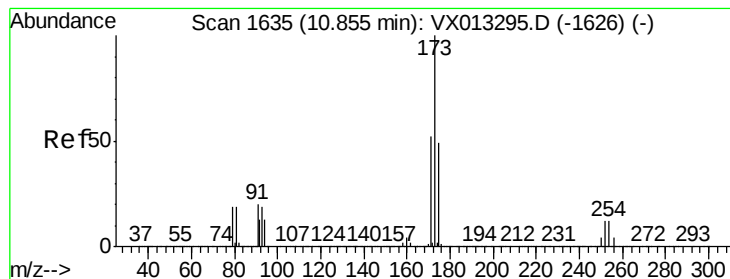
MMDadoda
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#70
Styrene
Concen: 53.593 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	40.0	60.0
103	54.2	44.1	66.1





#71

Bromoform

Concen: 47.705 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 324397

Ion Ratio Lower Upper

173 100

175 49.5 24.8 74.4

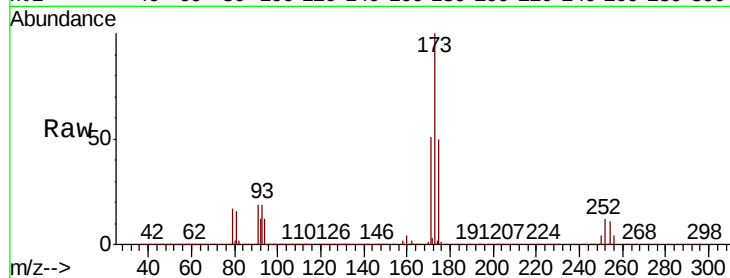
254 0.2 0.2 0.2

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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

10.85

250000

200000

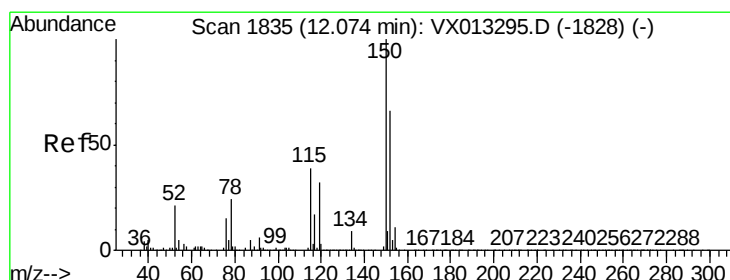
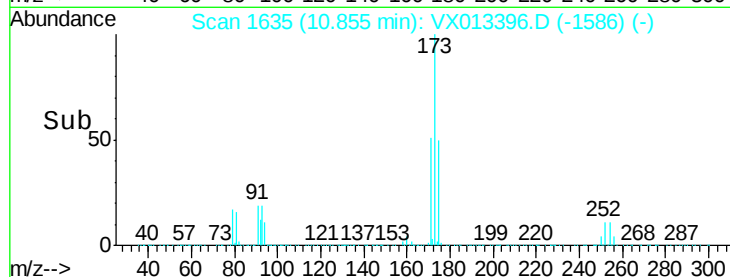
150000

100000

50000

0

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

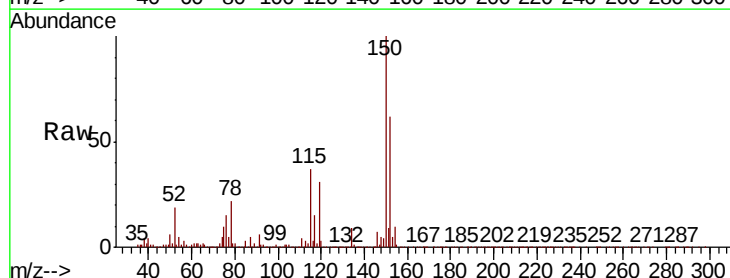
Tgt Ion:152 Resp: 495408

Ion Ratio Lower Upper

152 100

115 77.9 39.5 118.3

150 174.7 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

800000

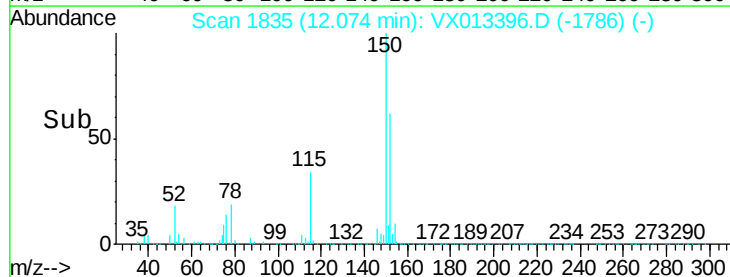
600000

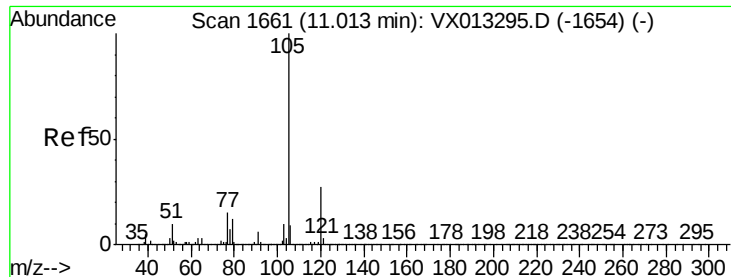
400000

200000

0

Time-->





#73

Isopropylbenzene

Concen: 53.695 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1763687

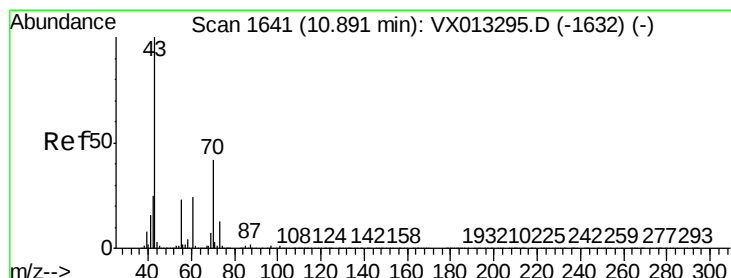
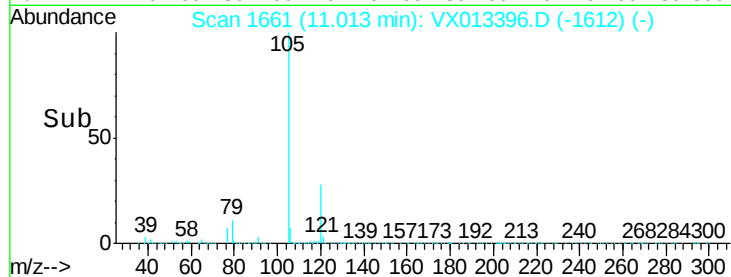
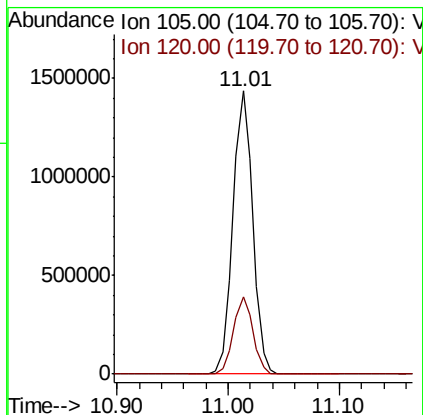
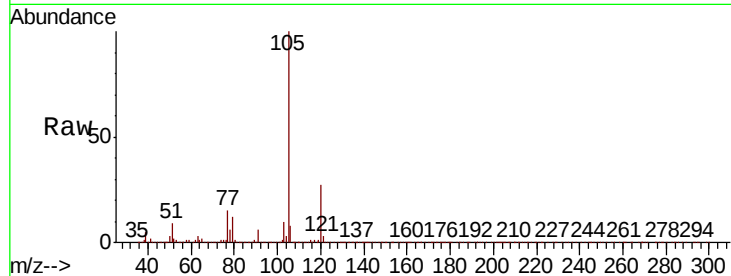
Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5

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#74

N-ethyl acetate

Concen: 55.191 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Tgt Ion: 43 Resp: 840647

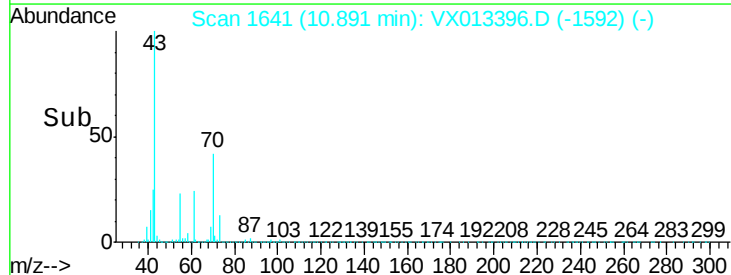
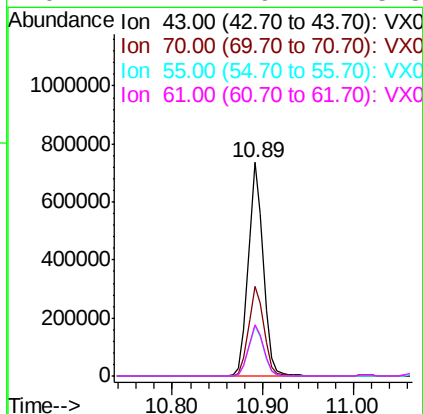
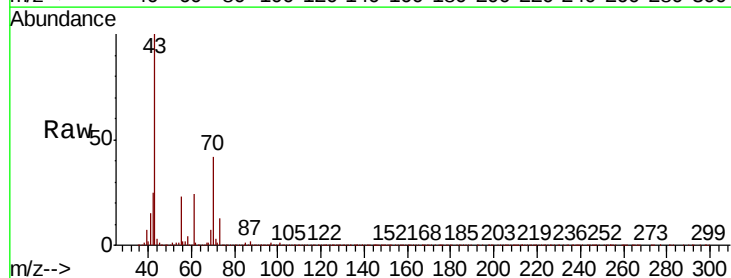
Ion Ratio Lower Upper

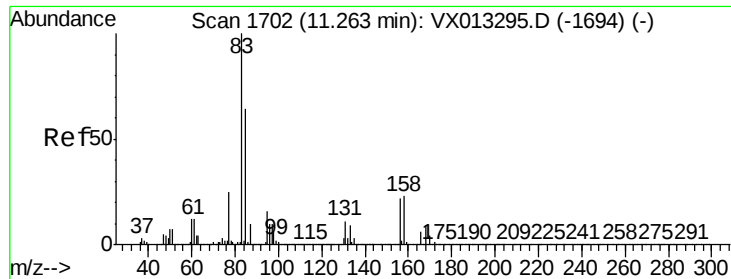
43 100

70 43.3 34.1 51.1

55 23.9 18.9 28.3

61 24.4 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.250 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 626099

Ion Ratio Lower Upper

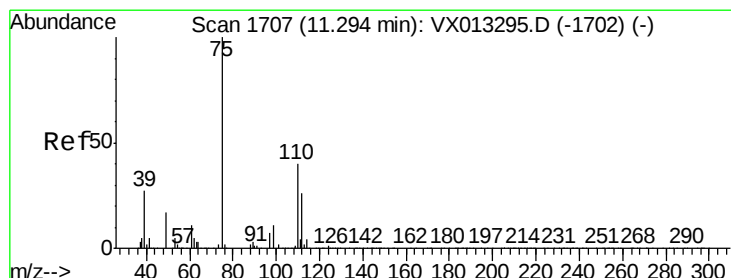
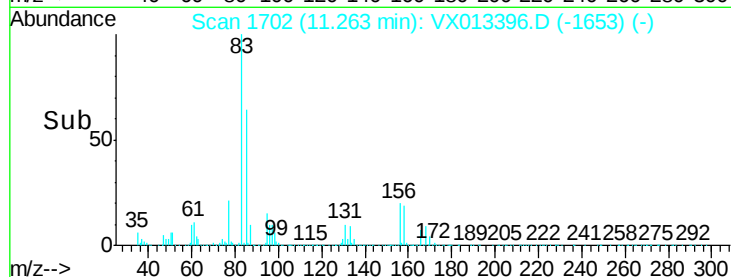
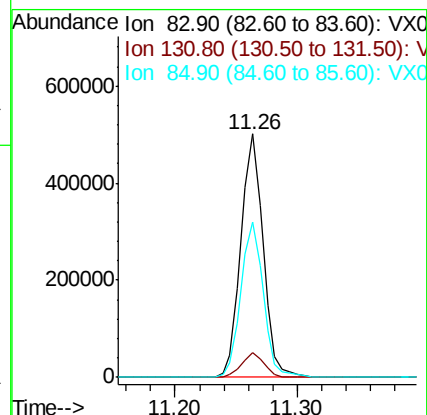
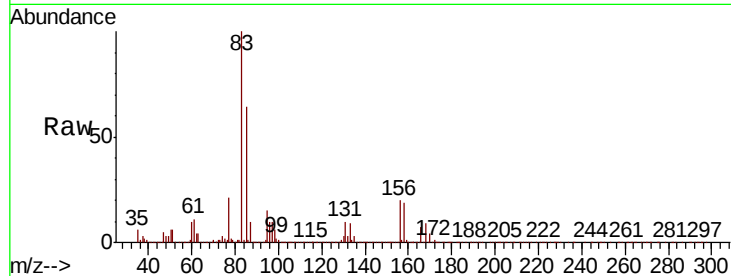
83 100

131 10.1 5.1 15.3

85 64.5 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 49.621 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013396.D

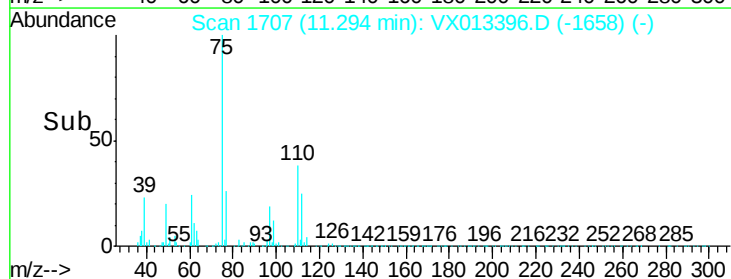
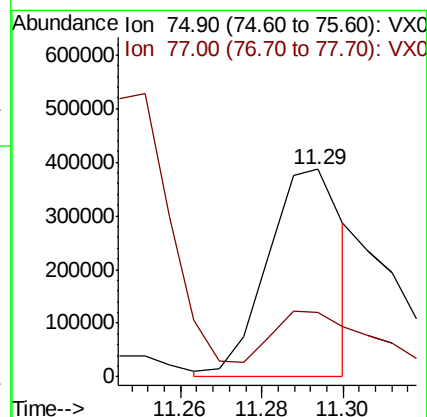
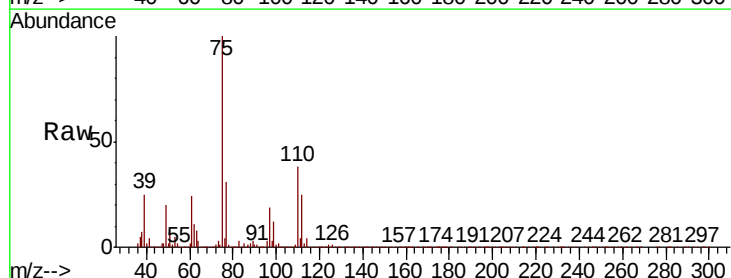
Acq: 12 Nov 2019 19:34

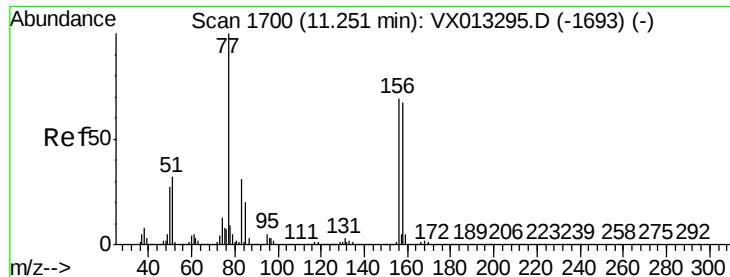
Tgt Ion: 75 Resp: 499305

Ion Ratio Lower Upper

75 100

77 43.8 22.3 66.8





#77

Bromobenzene

Concen: 52.590 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

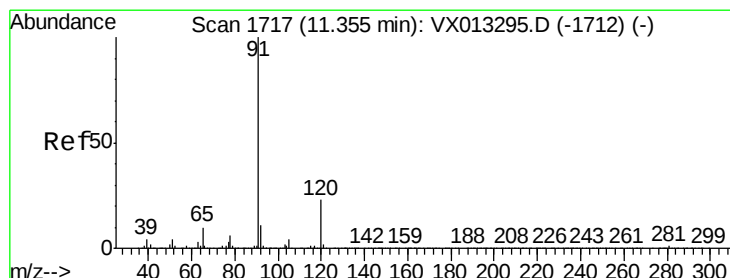
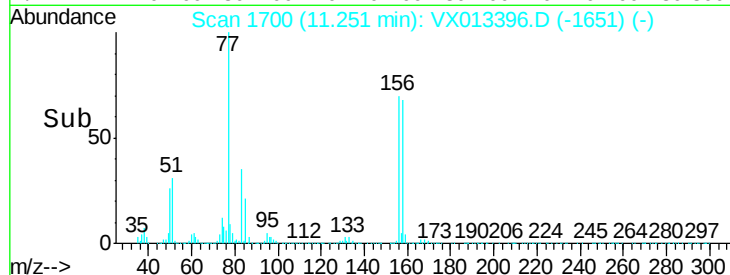
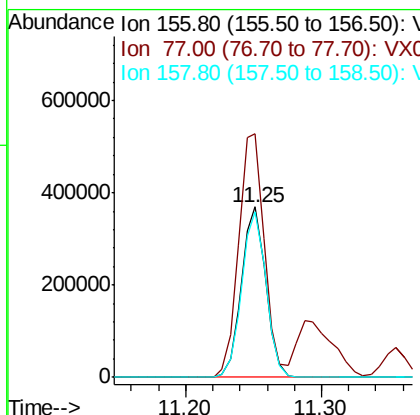
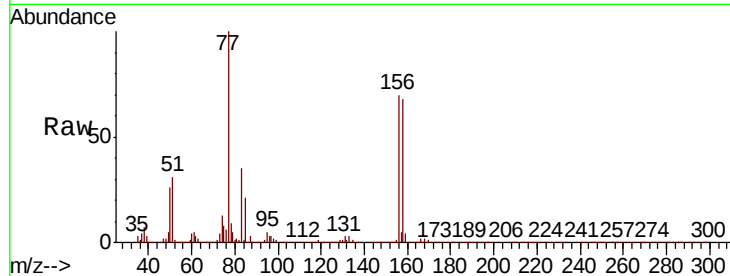
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	460497
Ion Ratio	Lower	Upper	
156	100		
77	151.3	75.8	227.4
158	97.0	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 54.520 ug/l

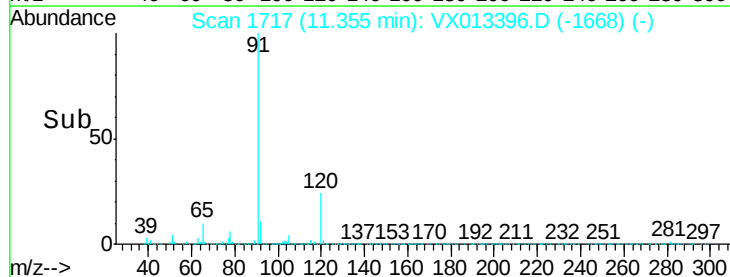
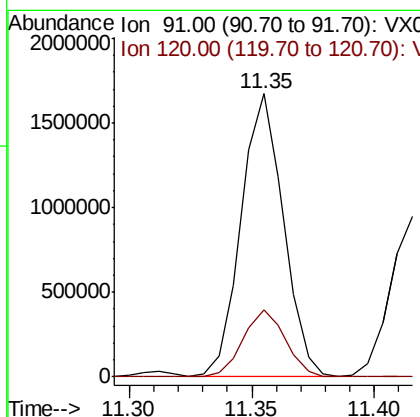
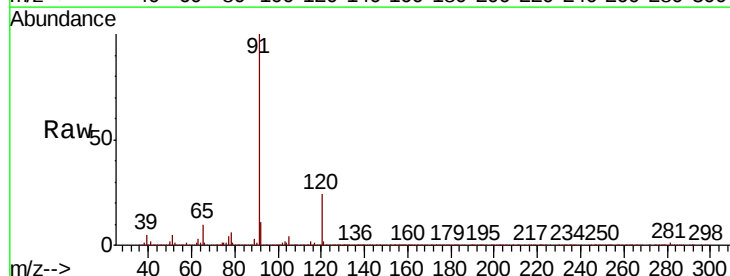
RT: 11.35 min Scan# 1717

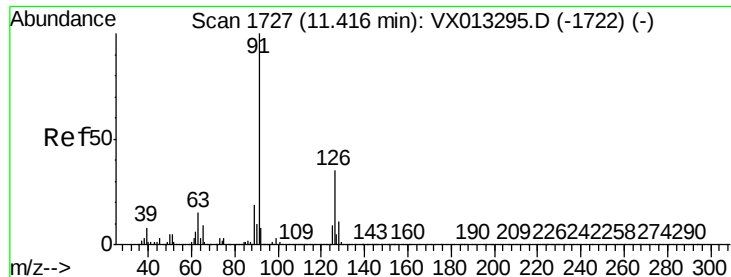
Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Tgt Ion:	91	Resp:	1994833
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.6	34.8





#79

2-Chlorotoluene

Concen: 53.004 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1168456

Ion Ratio Lower Upper

91 100

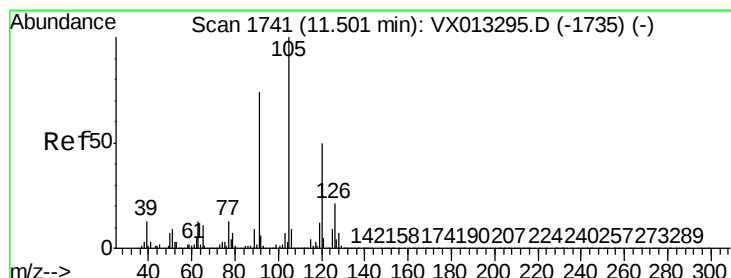
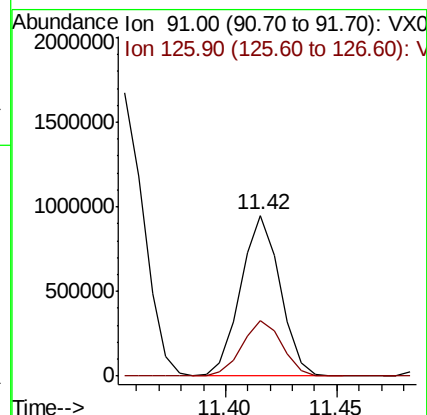
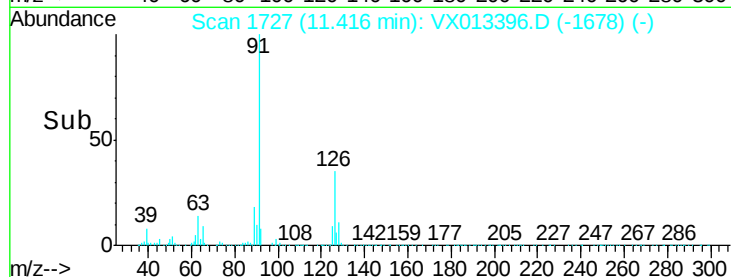
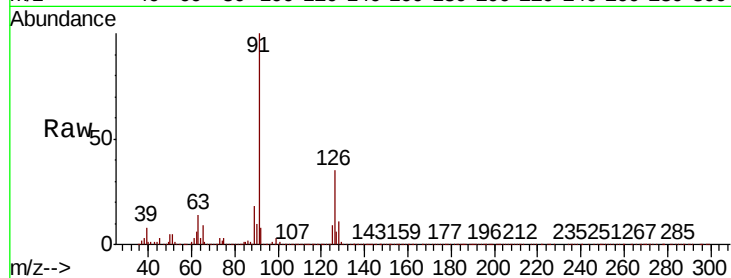
126 35.2 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 53.755 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013396.D

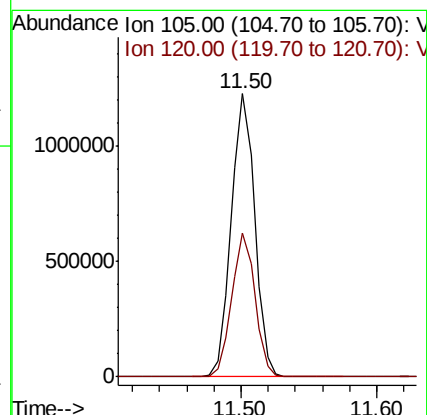
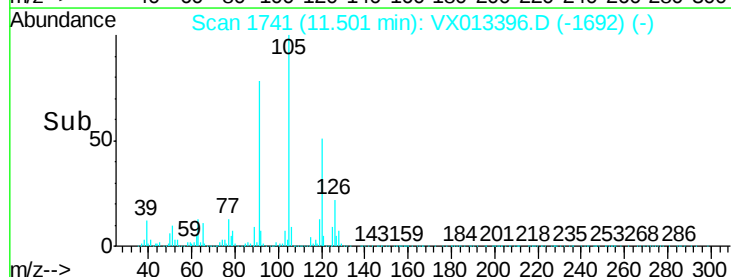
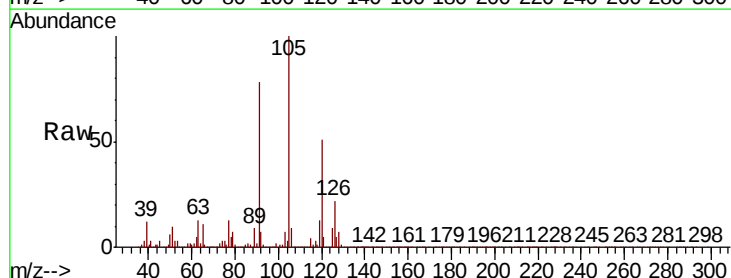
Acq: 12 Nov 2019 19:34

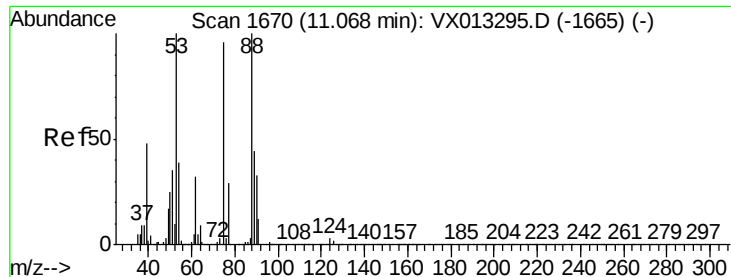
Tgt Ion: 105 Resp: 1470687

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.8





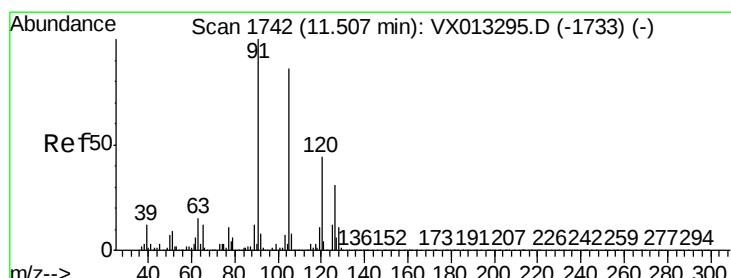
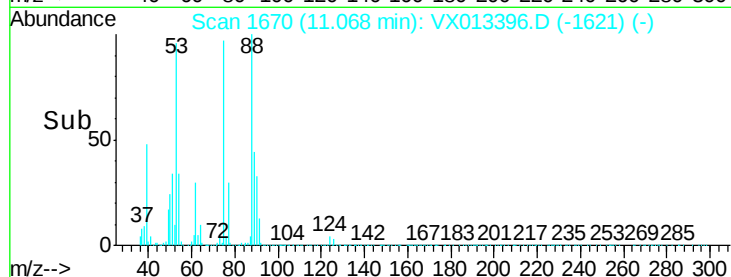
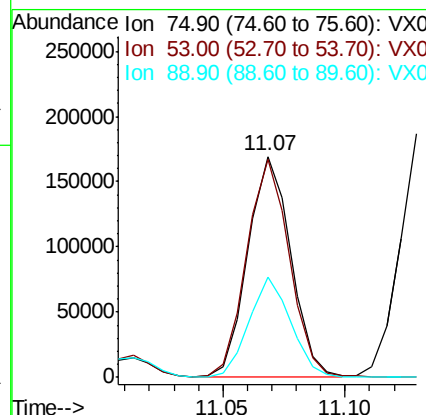
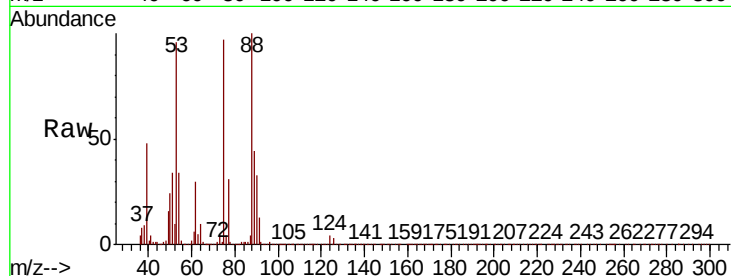
#81
trans-1,4-Dichloro-2-butene
Concen: 52.671 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.1	81.0	121.6
89	44.7	36.0	54.0

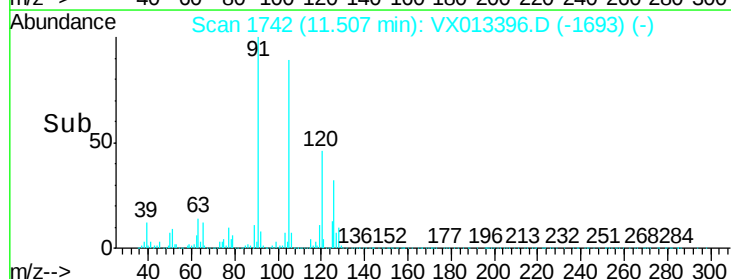
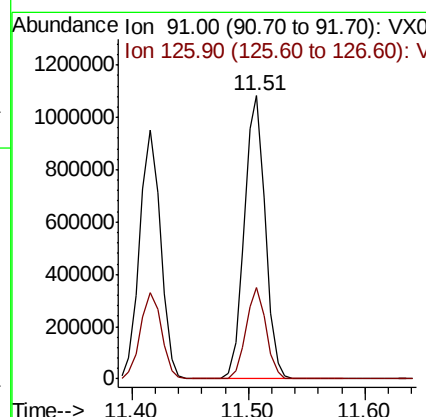
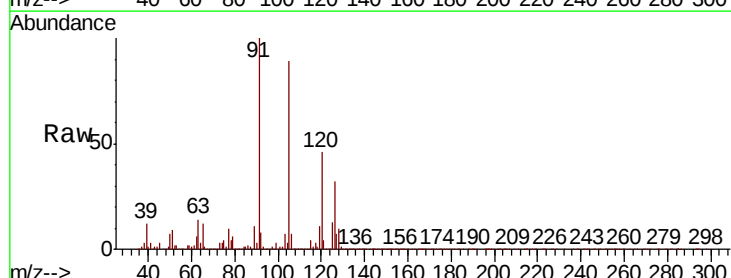
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#82
4-Chlorotoluene
Concen: 52.525 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.3	45.8





#83

tert-Butylbenzene

Concen: 54.611 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 1504032

Ion Ratio Lower Upper

119 100

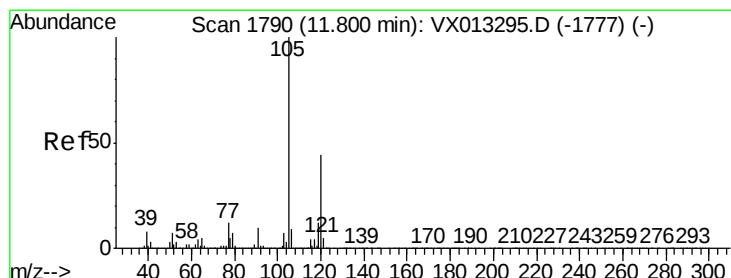
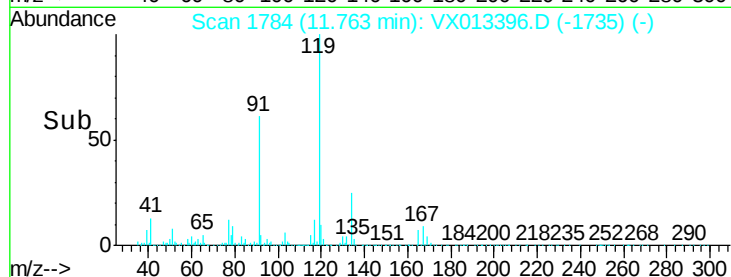
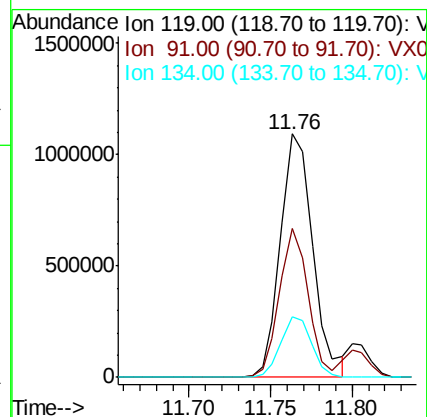
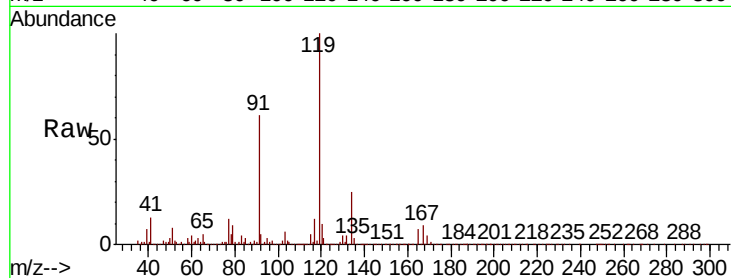
91 54.0 26.9 80.7

134 23.7 11.7 35.1

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#84

1,2,4-Trimethylbenzene

Concen: 53.815 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX013396.D

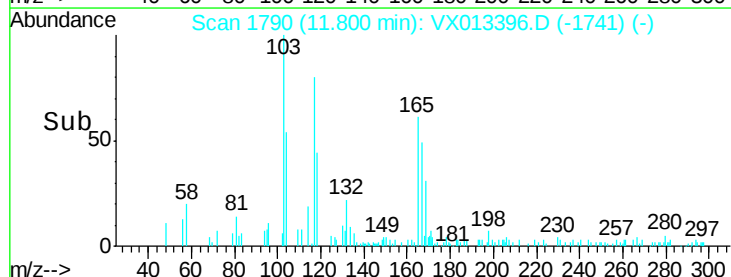
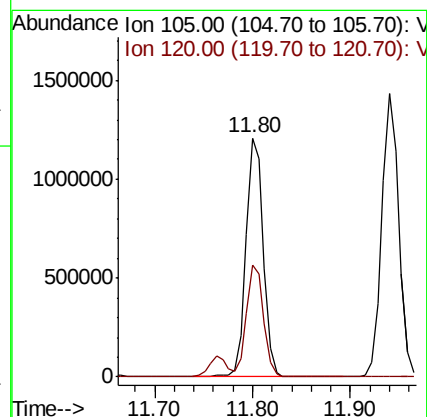
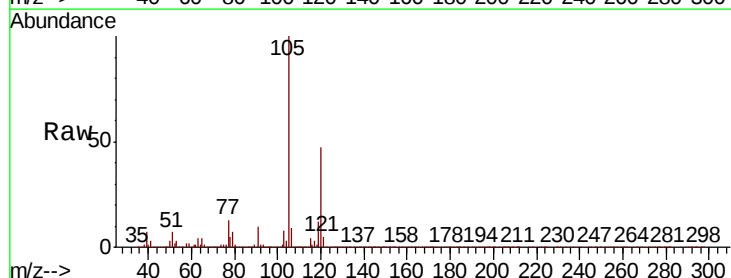
Acq: 12 Nov 2019 19:34

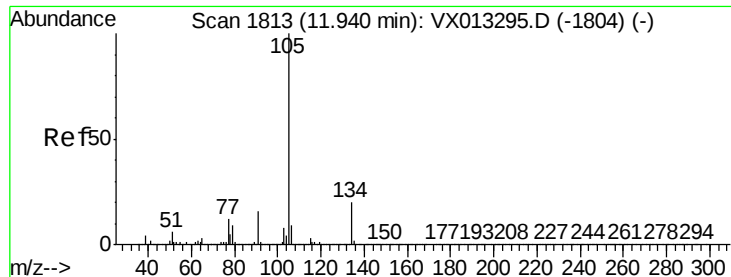
Tgt Ion:105 Resp: 1476980

Ion Ratio Lower Upper

105 100

120 46.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 54.292 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1718482

Ion Ratio Lower Upper

105 100

134 20.5

10.3

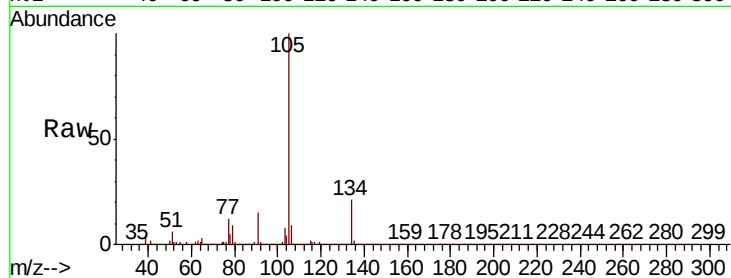
30.9

Manual Integrations

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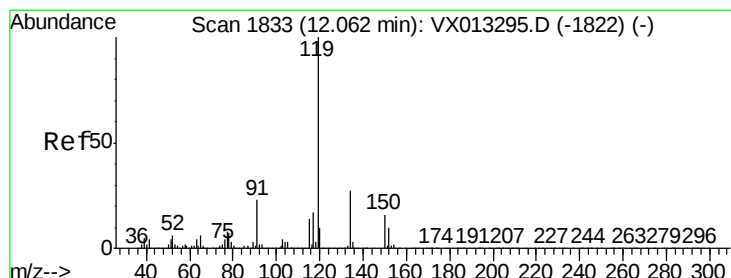
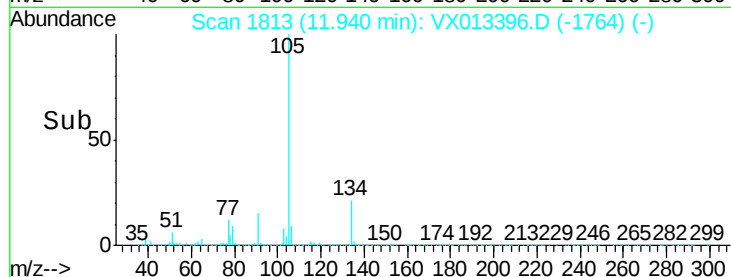
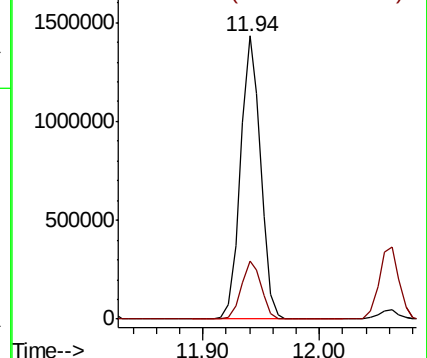
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.584 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Tgt Ion:119 Resp: 1590926

Ion Ratio Lower Upper

119 100

134 27.1

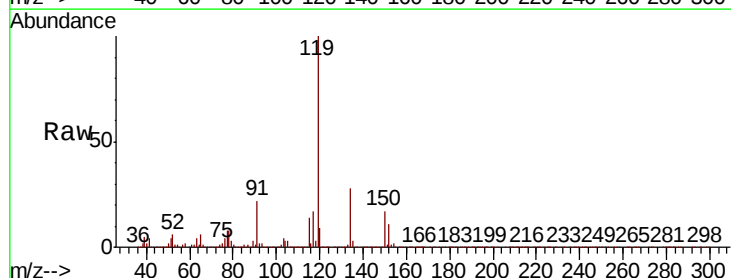
13.3

39.8

91 22.5

11.5

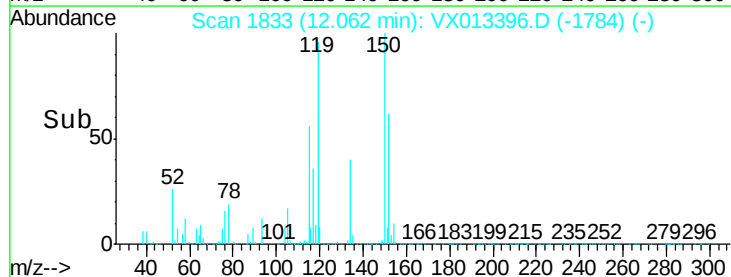
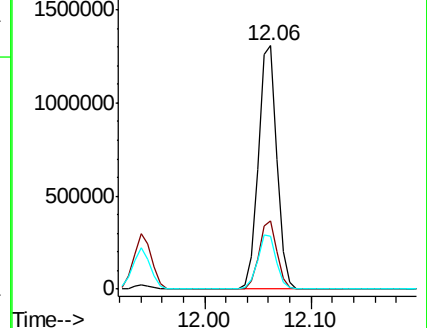
34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





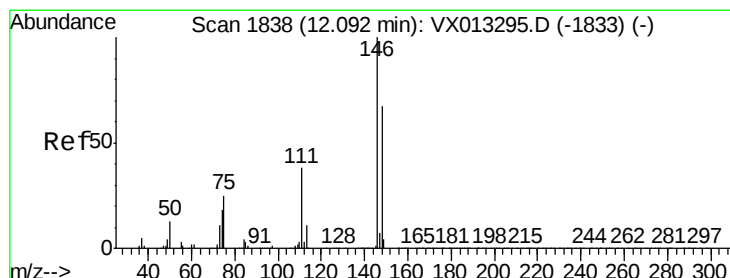
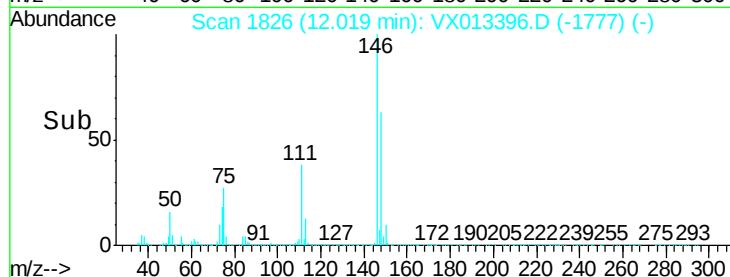
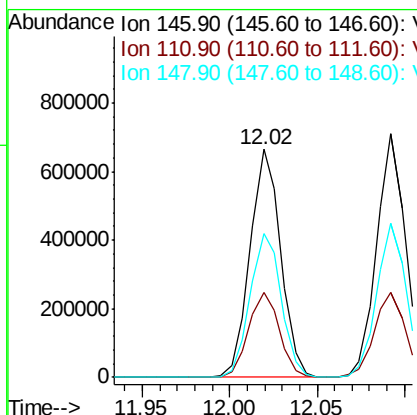
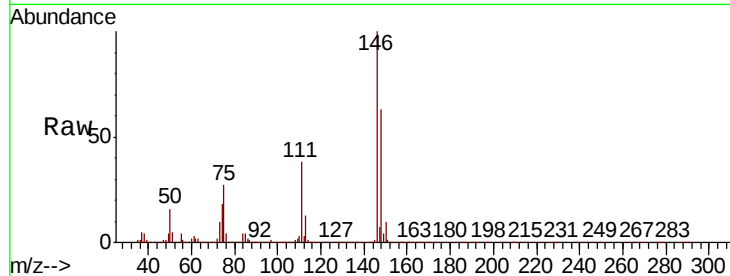
#87
 1,3-Dichlorobenzene
 Concen: 52.038 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013396.D
 Acq: 12 Nov 2019 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.5
148	64.3	31.9	95.7

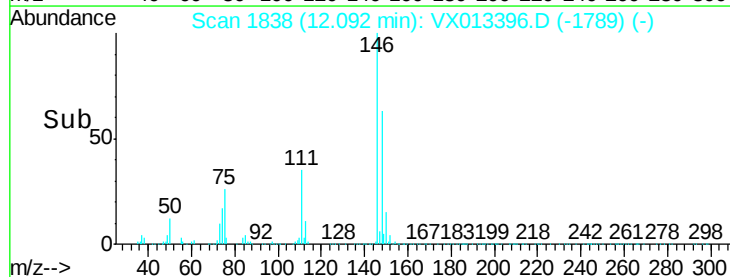
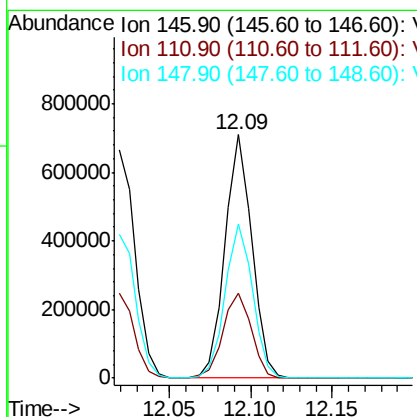
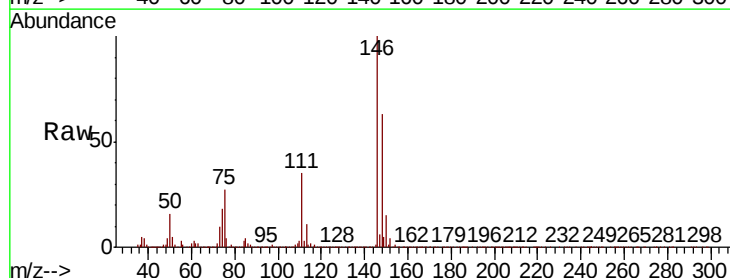
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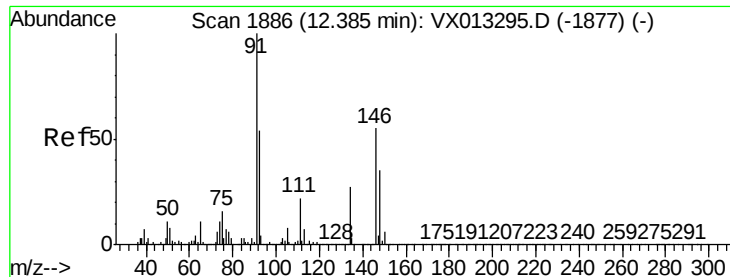
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#88
 1,4-Dichlorobenzene
 Concen: 51.201 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013396.D
 Acq: 12 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.4
148	64.7	32.4	97.0





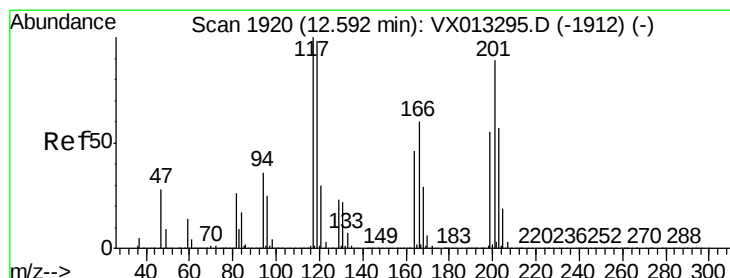
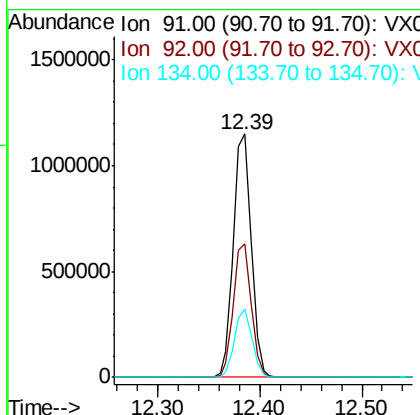
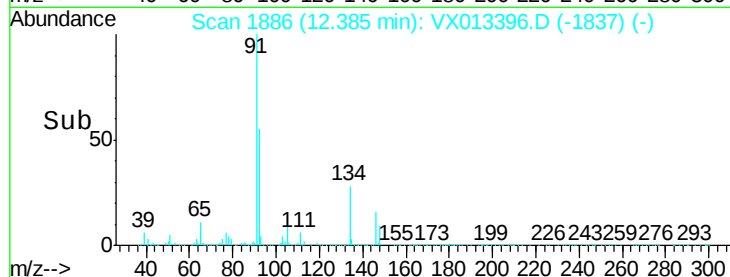
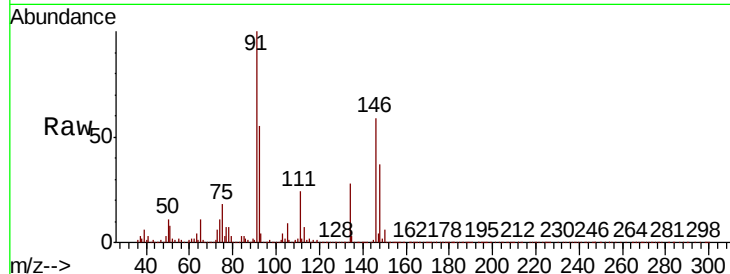
#89
n-Butylbenzene
Concen: 54.339 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.3	81.8
134	27.2	13.5	40.5

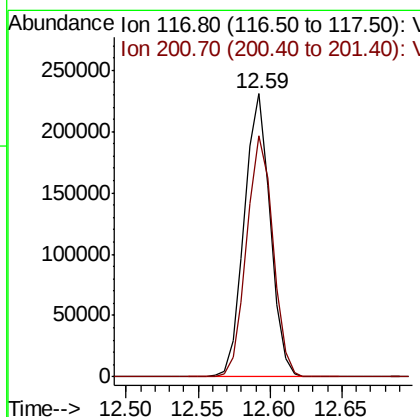
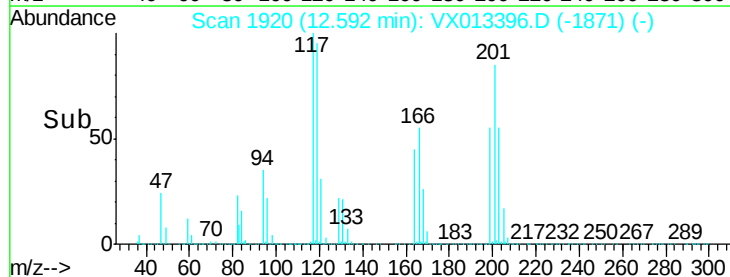
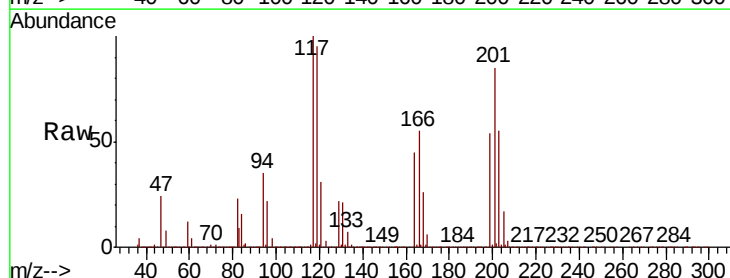
Manual Integrations
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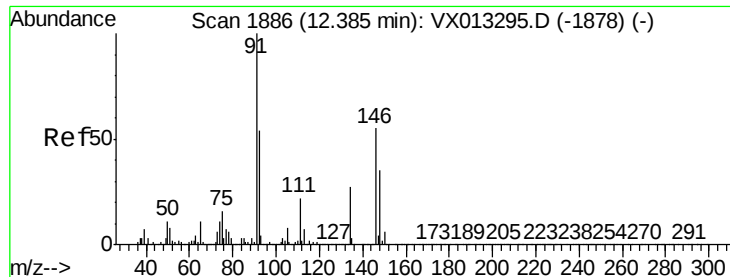
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#90
Hexachloroethane
Concen: 55.159 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013396.D
Acq: 12 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.5	43.9	131.7





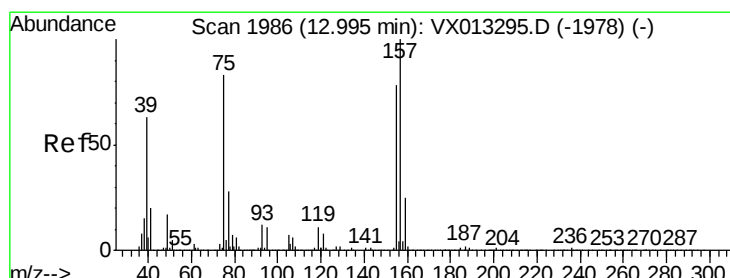
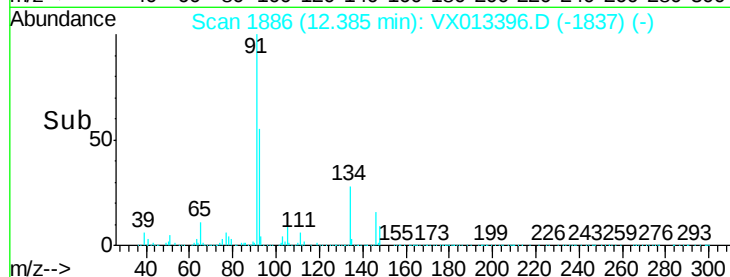
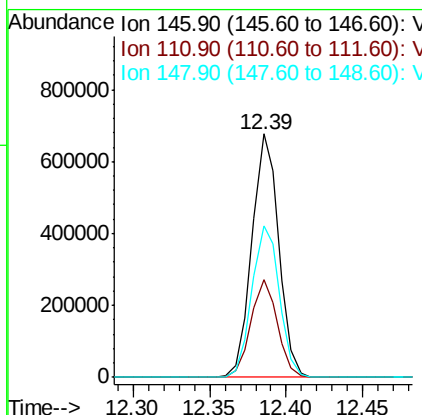
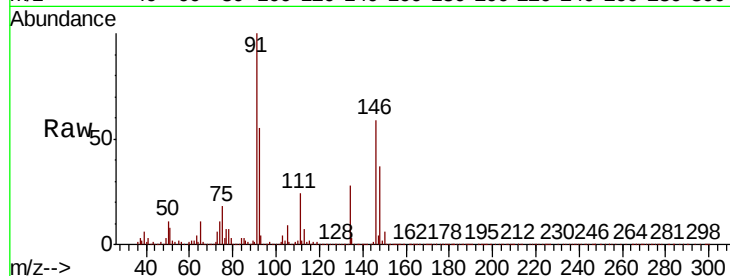
#91
 1,2-Dichlorobenzene
 Concen: 52.862 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013396.D
 Acq: 12 Nov 2019 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.1	60.2
148	64.1	32.0	96.0

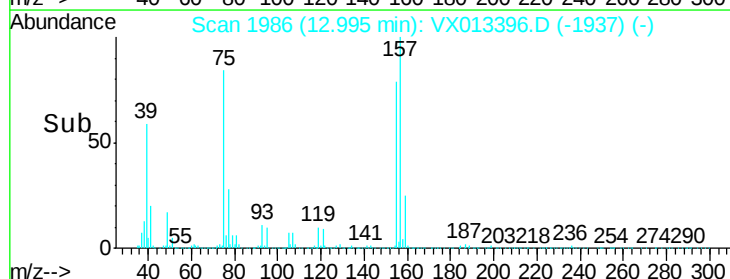
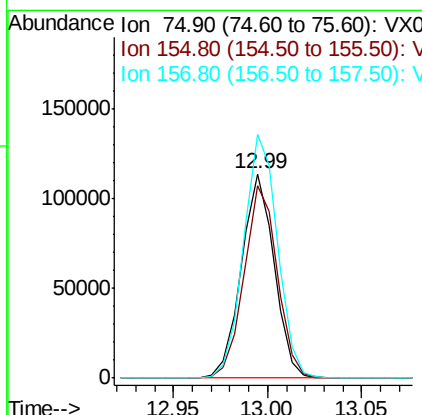
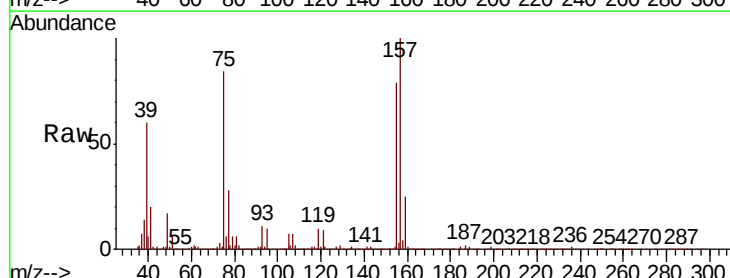
Manual Integrations
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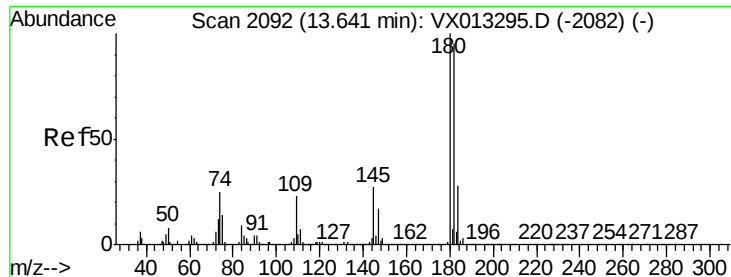
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.034 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013396.D
 Acq: 12 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	47.1	141.4
157	123.7	61.3	183.8





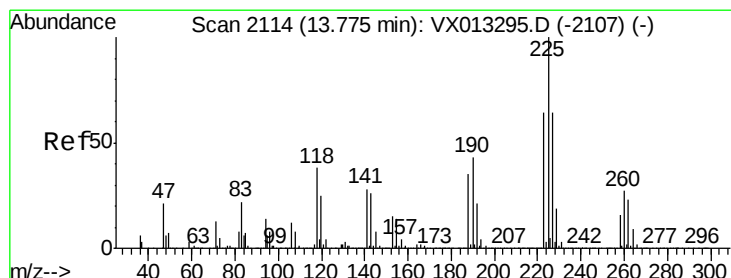
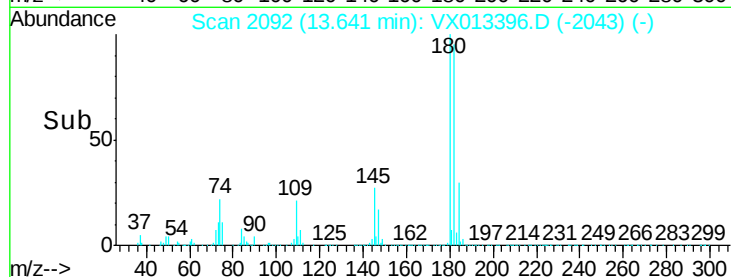
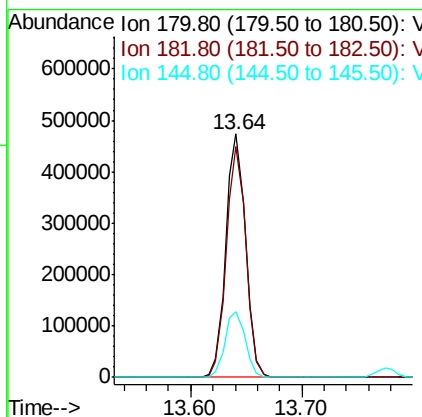
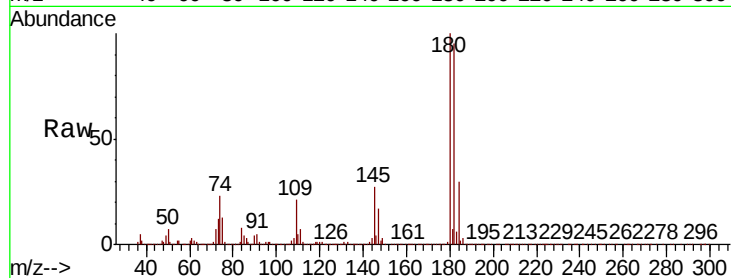
#93
 1,2,4-Trichlorobenzene
 Concen: 53.197 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013396.D
 Acq: 12 Nov 2019 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	578947		
182	94.3	48.4	145.0	
145	28.1	14.1	42.4	

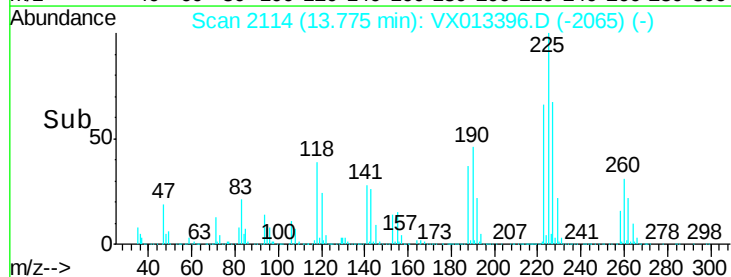
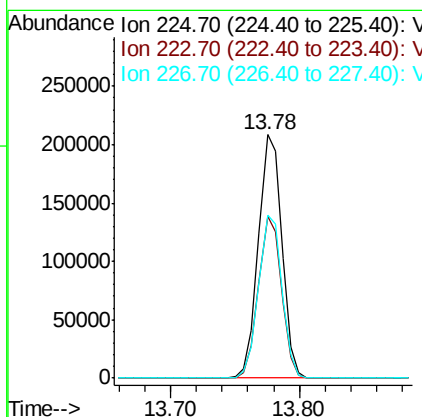
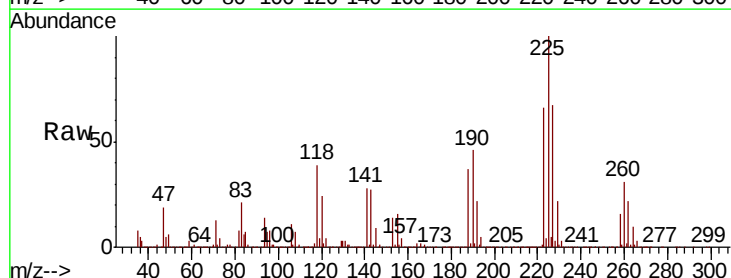
Manual Integrations
 APPROVED

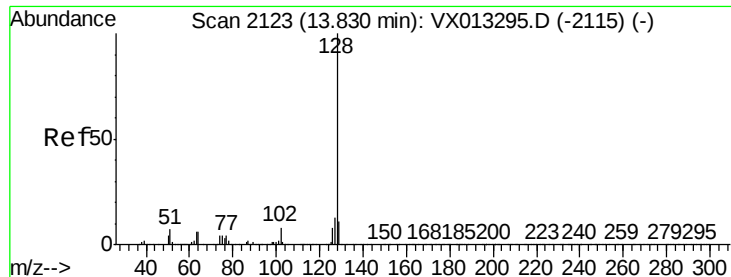
MMDadoda
 11/13/2019 9:38:39 AM



#94
 Hexachlorobutadiene
 Concen: 49.047 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013396.D
 Acq: 12 Nov 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	261148		
223	65.1	31.9	95.7	
227	66.8	31.9	95.9	





#95

Naphthalene

Concen: 53.303 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Instrument :

MSVOA_X

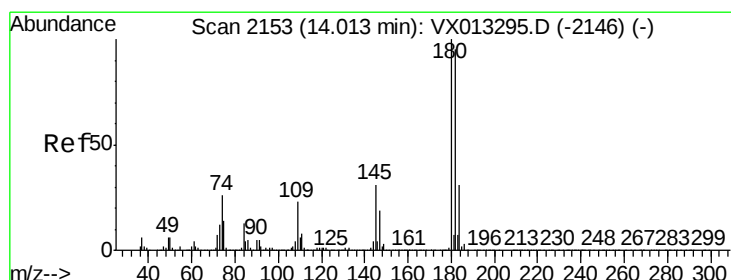
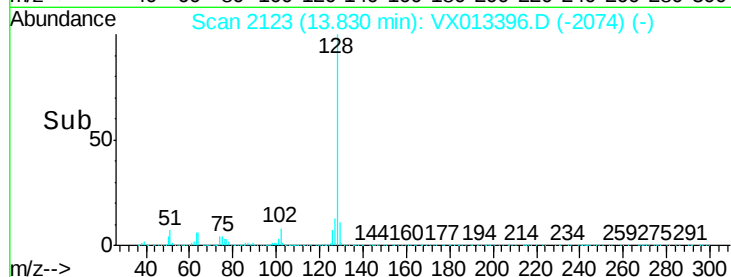
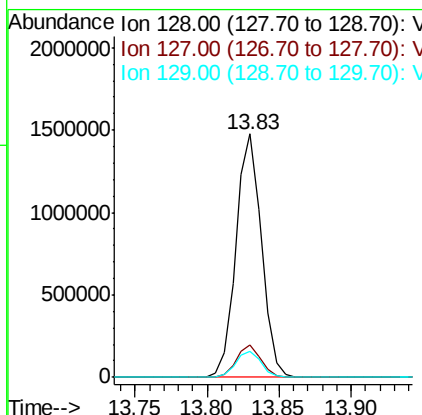
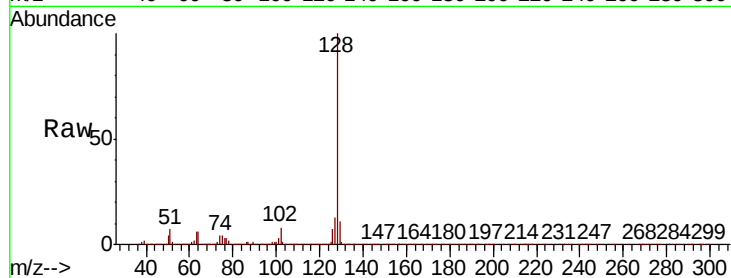
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	1820077
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/13/2019 9:38:39 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.628 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013396.D

Acq: 12 Nov 2019 19:34

Tgt Ion:	180	Resp:	574405
Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.0	144.2
145	29.9	15.4	46.4

