

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\
 Data File : VX013401.D
 Acq On : 13 Nov 2019 12:35
 Operator : JC/SP
 Sample : VX1113WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/14/2019 9:37:11 AM

Quant Time: Nov 14 04:46:45 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	5.64	168	898497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1344812	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1215820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	608730	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	403244	37.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.76%	
35) Dibromofluoromethane	5.48	113	334826	39.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.40%	
50) Toluene-d8	8.71	98	1279973	40.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.50%	
62) 4-Bromofluorobenzene	11.13	95	452461	39.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.86%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	169942	16.416	ug/l	98
3) Chloromethane	1.31	50	189377	16.869	ug/l	100
4) Vinyl Chloride	1.40	62	213031	16.668	ug/l	97
5) Bromomethane	1.62	94	129276	14.514	ug/l	98
6) Chloroethane	1.72	64	117214	15.215	ug/l	100
7) Trichlorofluoromethane	1.92	101	237406	15.722	ug/l	99
8) Diethyl Ether	2.17	74	103870	15.555	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	149745	17.792	ug/l	99
10) Methyl Iodide	2.50	142	173239	16.626	ug/l	97
11) Tert butyl alcohol	3.02	59	204465	72.878	ug/l	98
12) 1,1-Dichloroethene	2.36	96	144469	17.529	ug/l	99
13) Acrolein	2.28	56	151014	99.316	ug/l	99
14) Allyl chloride	2.72	41	258756	17.279	ug/l	97
15) Acrylonitrile	3.12	53	432587	82.544	ug/l	98
16) Acetone	2.42	43	401960	75.708	ug/l	99
17) Carbon Disulfide	2.56	76	369888	16.768	ug/l	99
18) Methyl Acetate	2.75	43	247095	16.857	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	492673	17.923	ug/l	96
20) Methylene Chloride	2.84	84	166500	16.973	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	154383	17.204	ug/l	96
22) Diisopropyl ether	3.84	45	530403	18.346	ug/l	99
23) Vinyl Acetate	3.80	43	2150644	86.934	ug/l	100
24) 1,1-Dichloroethane	3.68	63	280806	17.363	ug/l	99
25) 2-Butanone	4.65	43	621410	79.782	ug/l	99
26) 2,2-Dichloropropane	4.56	77	234966	18.263	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	179766	17.883	ug/l	98
28) Bromochloromethane	4.99	49	87549	19.065	ug/l	99
29) Tetrahydrofuran	5.11	42	386787	80.583	ug/l	99
30) Chloroform	5.19	83	281747	17.642	ug/l	99
31) Cyclohexane	5.56	56	255501	17.557	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	235235	17.116	ug/l	98
36) 1,1-Dichloropropene	5.78	75	208773	18.096	ug/l	99
37) Ethyl Acetate	4.81	43	227159	15.935	ug/l	99
38) Carbon Tetrachloride	5.77	117	198064	17.556	ug/l	99

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 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)
39) Methylcyclohexane	7.45	83	263913	18.359	ug/l	99
40) Benzene	6.13	78	647585	18.020	ug/l	99
41) Methacrylonitrile	5.02	41	126530	15.835	ug/l	95
42) 1,2-Dichloroethane	6.17	62	226796	17.496	ug/l	99
43) Isopropyl Acetate	6.42	43	380696	17.150	ug/l	99
44) Trichloroethene	7.20	130	175171	17.708	ug/l	99
45) 1,2-Dichloropropane	7.50	63	169699	18.533	ug/l	100
46) Dibromomethane	7.65	93	107699	17.227	ug/l	97
47) Bromodichloromethane	7.89	83	218634	18.545	ug/l	95
48) Methyl methacrylate	7.76	41	190413	17.184	ug/l	98
49) 1,4-Dioxane	7.73	88	82175	323.820	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1203297	82.620	ug/l	99
52) Toluene	8.78	92	406509	18.251	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	234704	18.206	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	264405	18.336	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	168590	18.261	ug/l	98
56) Ethyl methacrylate	9.17	69	260466	17.572	ug/l	97
57) 1,3-Dichloropropane	9.36	76	280330	17.888	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	680684	107.832	ug/l	100
59) 2-Hexanone	9.48	43	930010	82.632	ug/l	98
60) Dibromochloromethane	9.57	129	172871	18.309	ug/l	98
61) 1,2-Dibromoethane	9.67	107	172899	17.637	ug/l	99
64) Tetrachloroethene	9.33	164	158693	18.233	ug/l	98
65) Chlorobenzene	10.13	112	438124	17.799	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	161271	17.844	ug/l	100
67) Ethyl Benzene	10.25	91	771267	18.155	ug/l	99
68) m/p-Xylenes	10.35	106	586498	36.504	ug/l	99
69) o-Xylene	10.69	106	285645	18.160	ug/l	100
70) Styrene	10.70	104	483835	18.401	ug/l	99
71) Bromoform	10.85	173	129738	17.693	ug/l #	97
73) Isopropylbenzene	11.01	105	767172	19.008	ug/l	100
74) N-amyl acetate	10.89	43	334209	17.857	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	260701	17.706	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	213566m	17.273	ug/l	
77) Bromobenzene	11.25	156	197796	18.384	ug/l	98
78) n-propylbenzene	11.35	91	870198	19.356	ug/l	100
79) 2-Chlorotoluene	11.42	91	511637	18.888	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	640884	19.064	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	79512	16.553	ug/l	97
82) 4-Chlorotoluene	11.51	91	591611	18.658	ug/l	99
83) tert-Butylbenzene	11.76	119	640454	18.925	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	644024	19.097	ug/l	99
85) sec-Butylbenzene	11.94	105	746573	19.196	ug/l	100
86) p-Isopropyltoluene	12.06	119	691239	19.301	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	352266	18.368	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	355252	18.181	ug/l	99
89) n-Butylbenzene	12.39	91	583736	18.680	ug/l	100
90) Hexachloroethane	12.59	117	121021	18.966	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	349998	18.257	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	51943	14.480	ug/l	97

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Instrument :
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ClientSampleId :
VX1113WBS02

Manual Integrations
APPROVED

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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)
93) 1,2,4-Trichlorobenzene	13.64	180	241645	18.070	ug/l	99
94) Hexachlorobutadiene	13.78	225	117192	17.913	ug/l	99
95) Naphthalene	13.83	128	716684	17.082	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	234774	17.506	ug/l	100

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

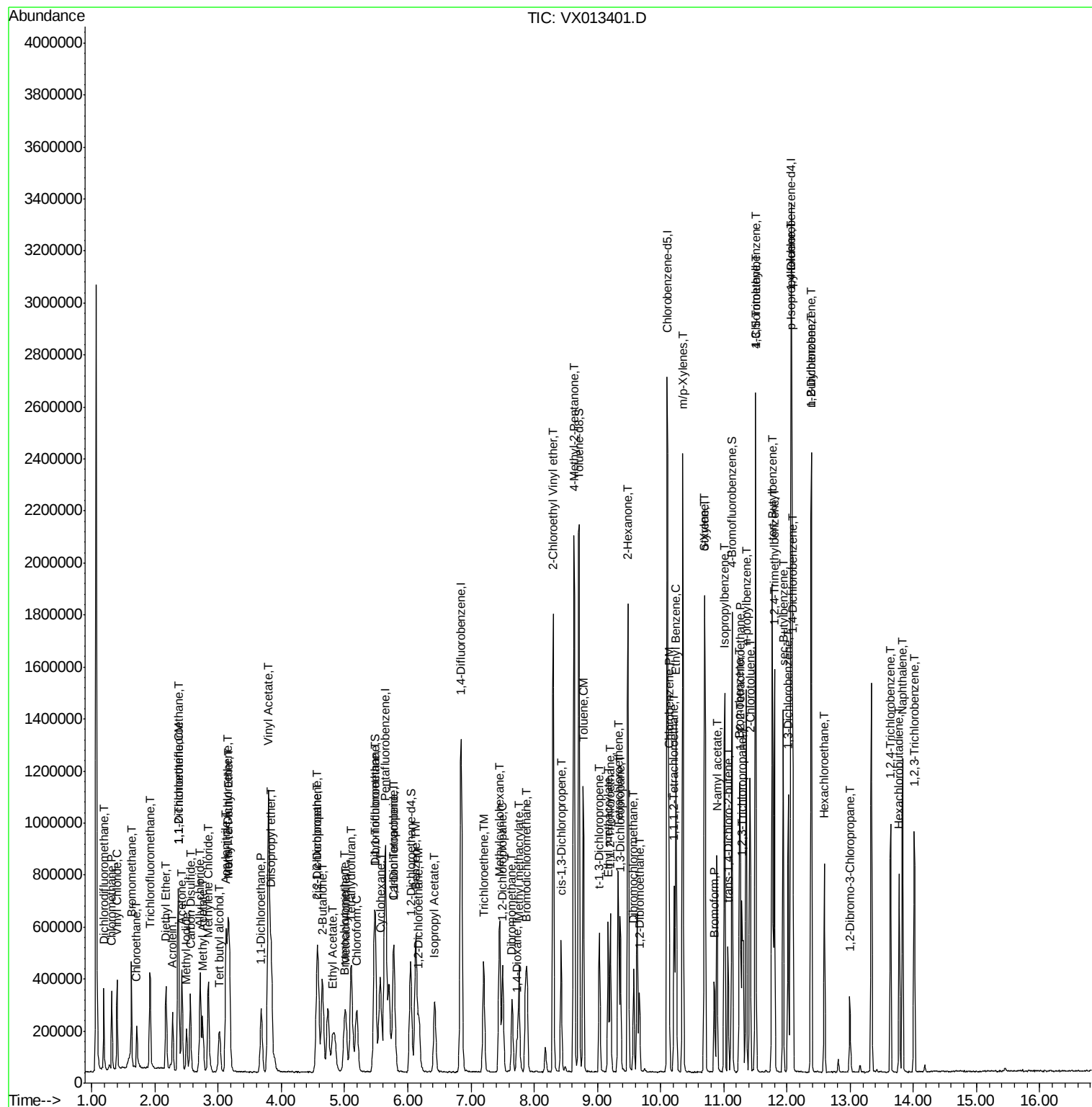
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 Data File : VX013401.D
 Acq On : 13 Nov 2019 12:35
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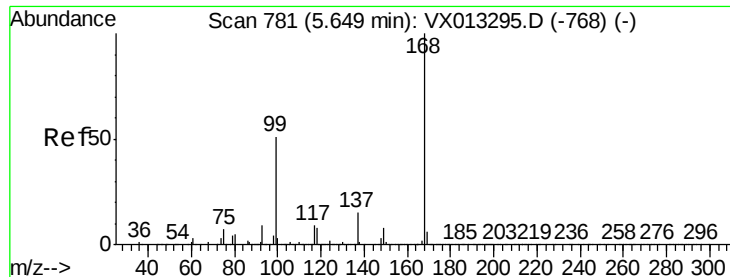
Instrument :
 MSVOA_X
 ClientSampleId :
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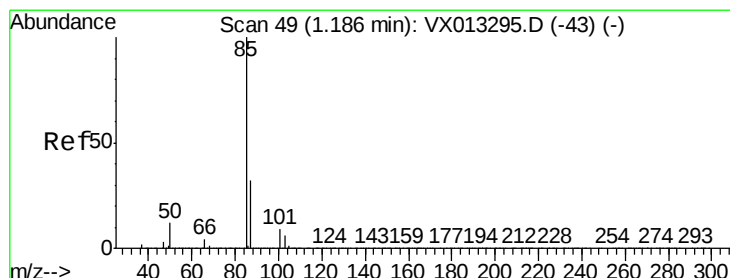
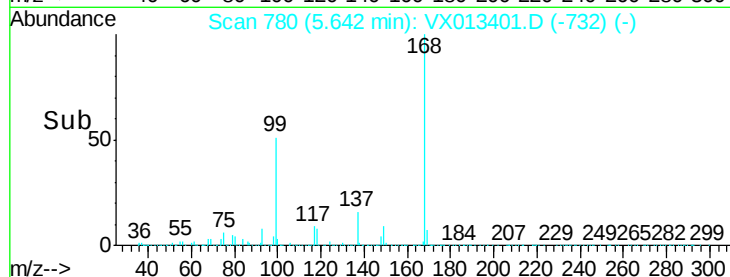
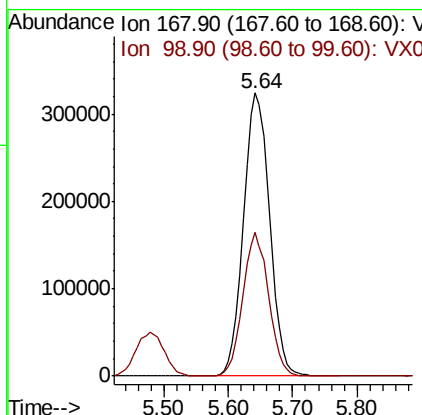
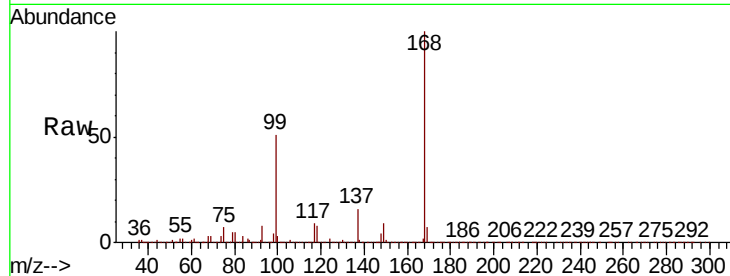
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.4	40.8	61.2

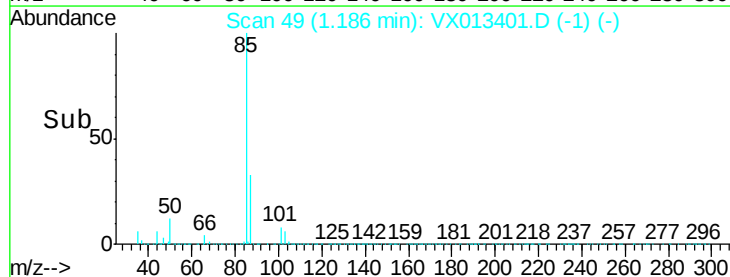
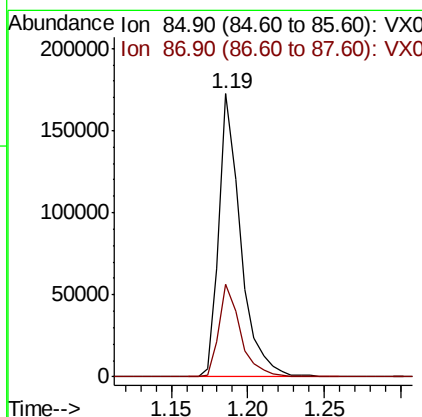
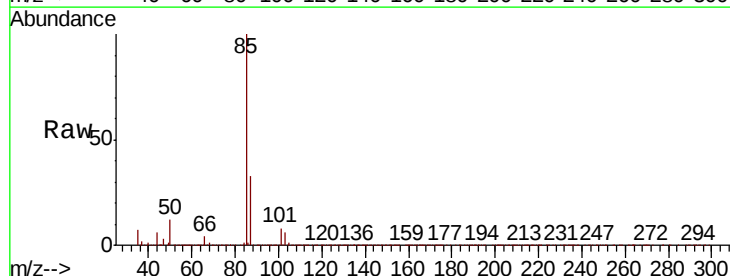
Manual Integrations
APPROVED

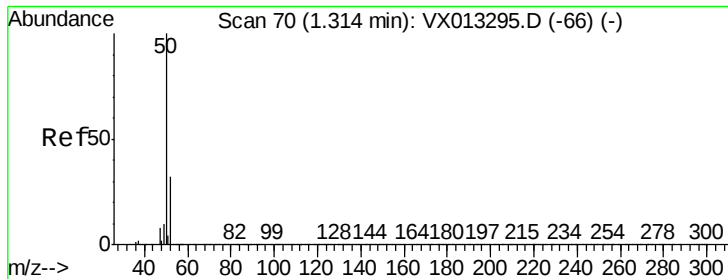
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#2
Dichlorodifluoromethane
Concen: 16.416 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	15.9	47.6





#3

Chloromethane

Concen: 16.869 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS02

Tot Ion: 50 Resp: 189377

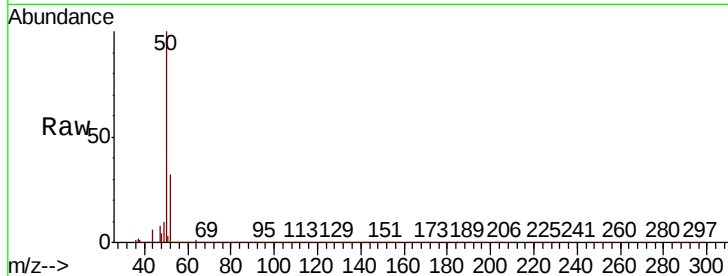
Ion Ratio Lower Upper

50 100

52 31.8 25.5 38.3

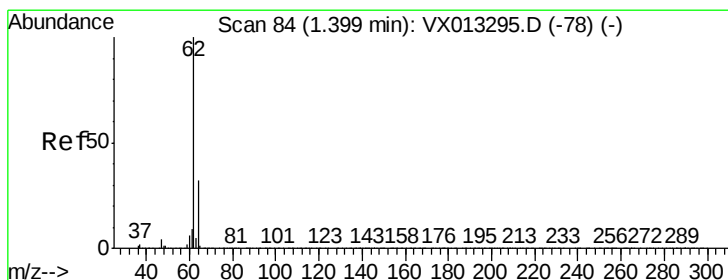
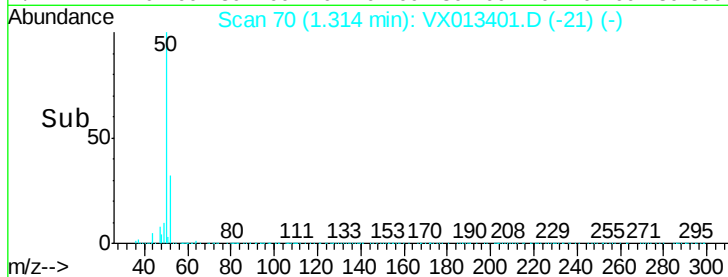
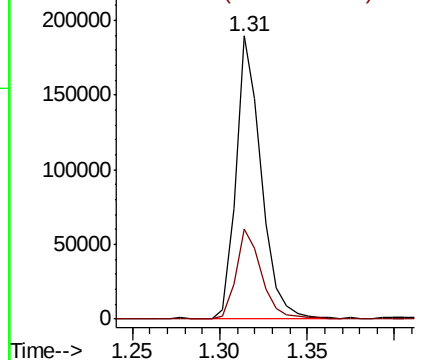
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.668 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013401.D

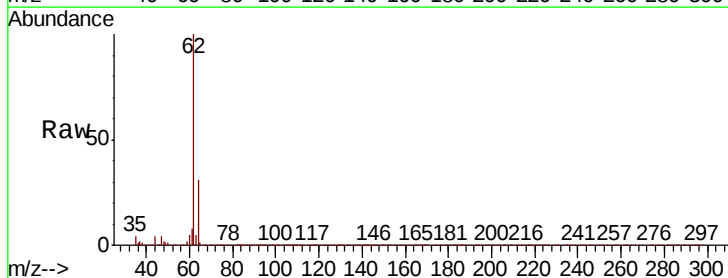
Acq: 13 Nov 2019 12:35

Tgt Ion: 62 Resp: 213031

Ion Ratio Lower Upper

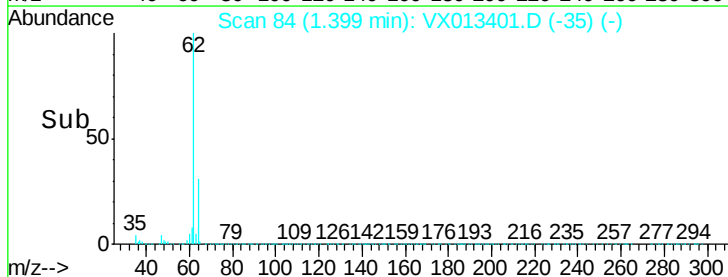
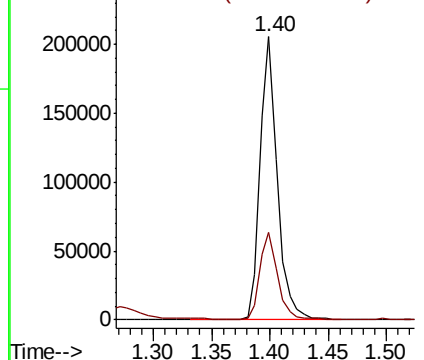
62 100

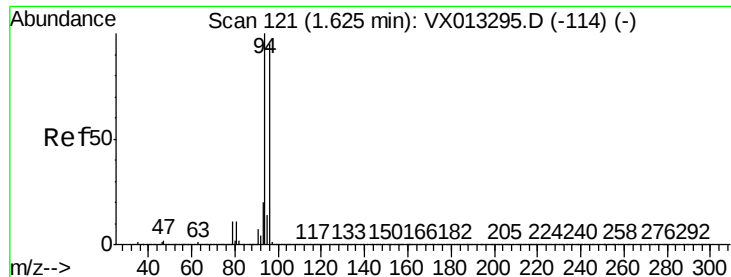
64 30.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.514 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS02

Tot Ion: 94 Resp: 129276

Ion Ratio Lower Upper

94 100

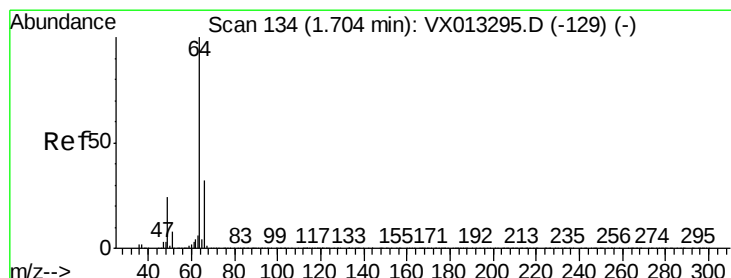
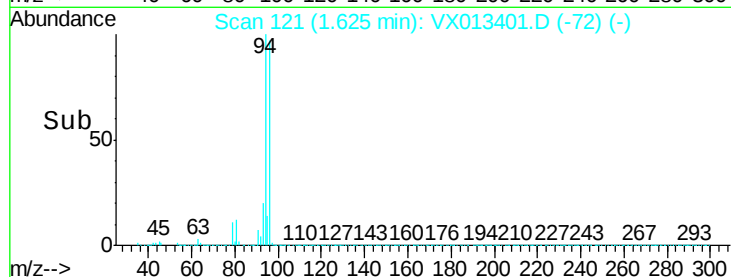
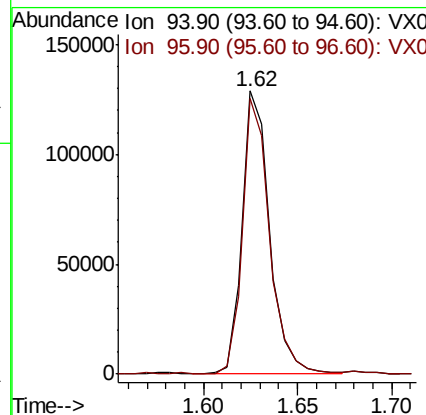
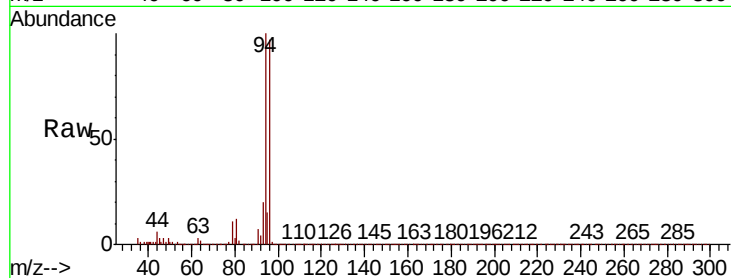
96 97.1 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 15.215 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013401.D

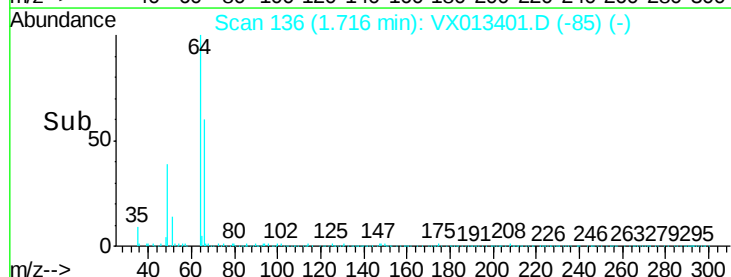
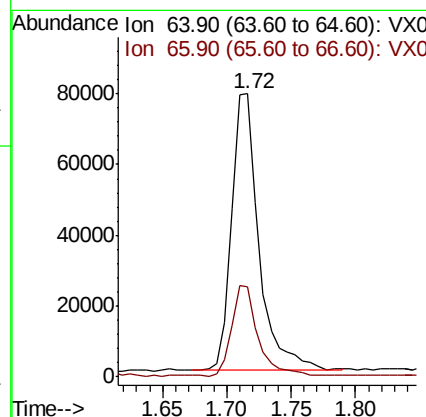
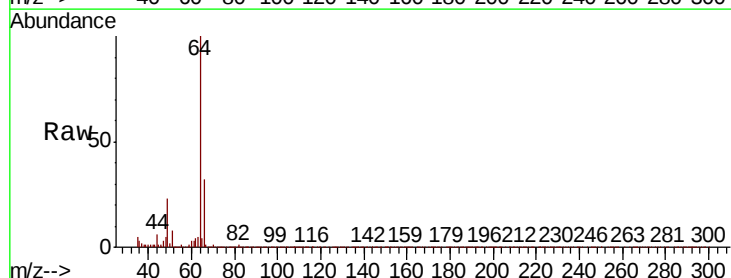
Acq: 13 Nov 2019 12:35

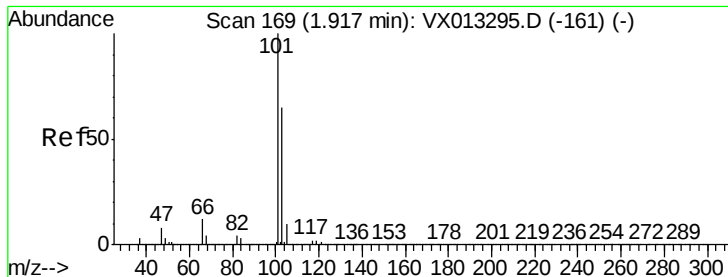
Tgt Ion: 64 Resp: 117214

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4





#7

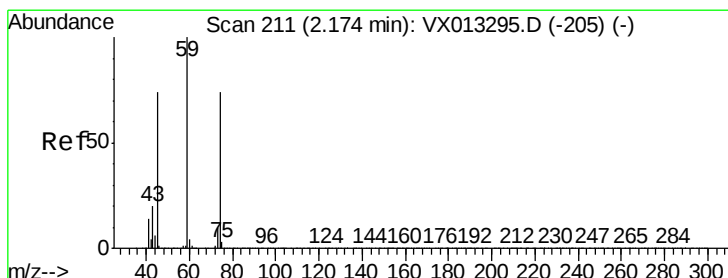
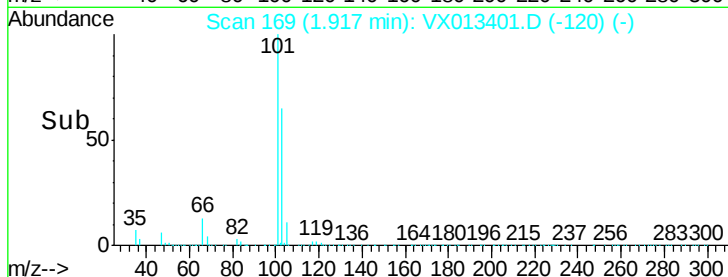
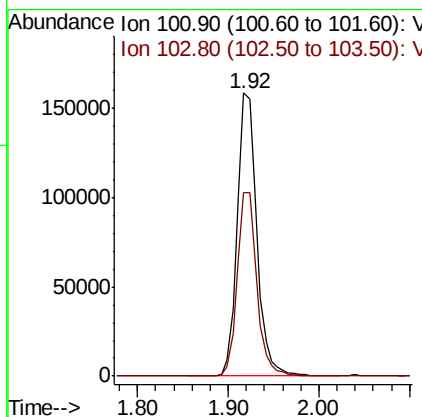
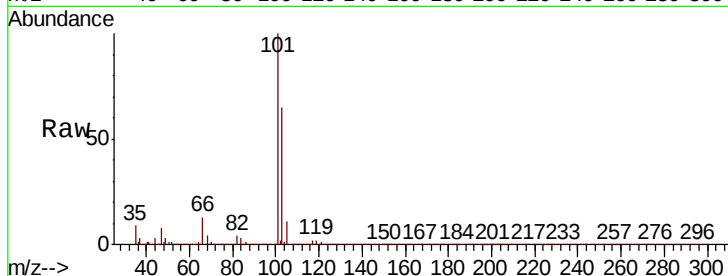
Trichlorofluoromethane
Concen: 15.722 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.3	78.5

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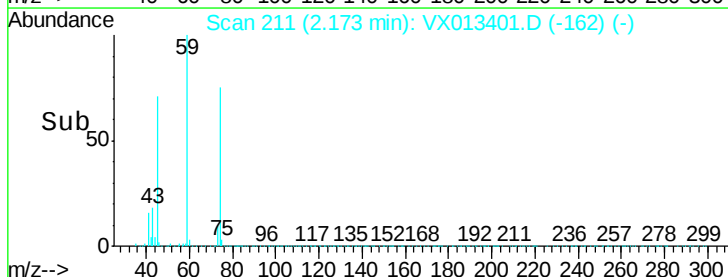
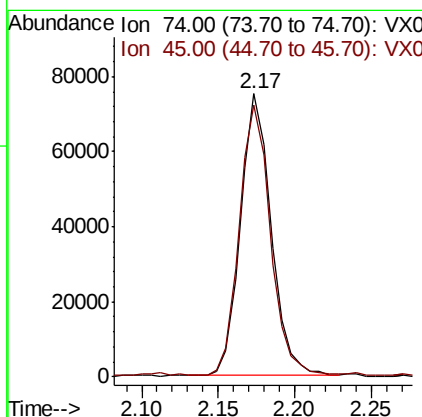
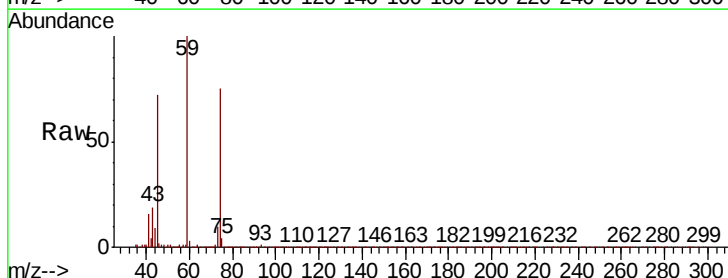
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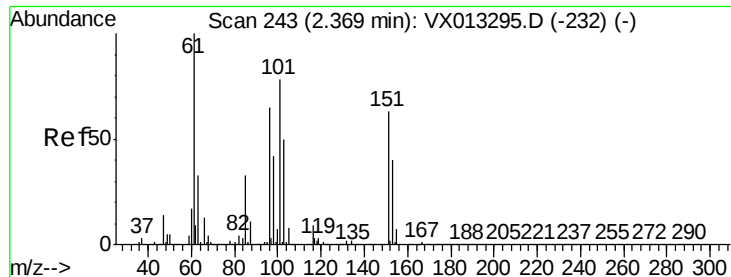


#8

Diethyl Ether
Concen: 15.555 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.4	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.792 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

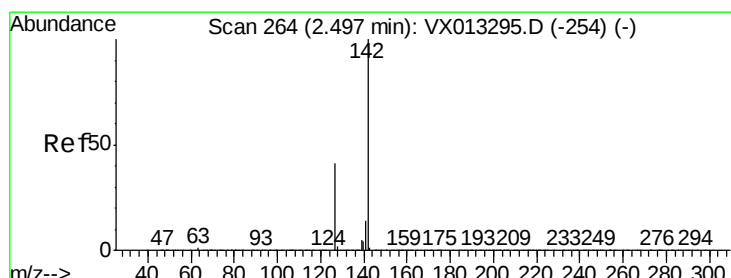
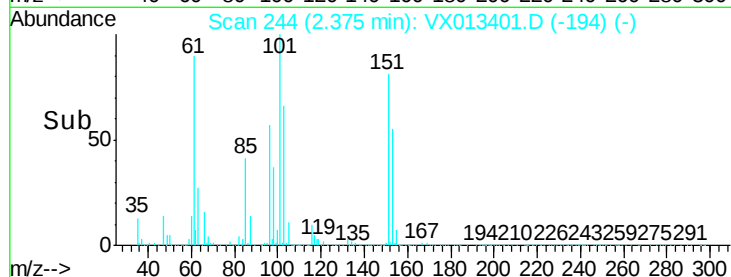
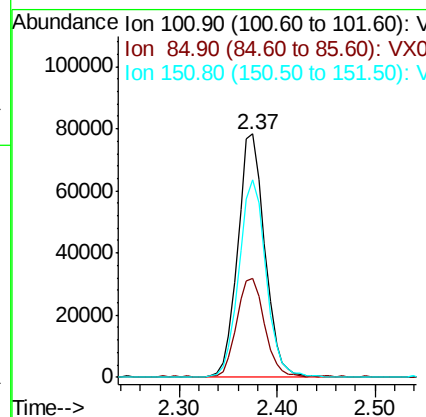
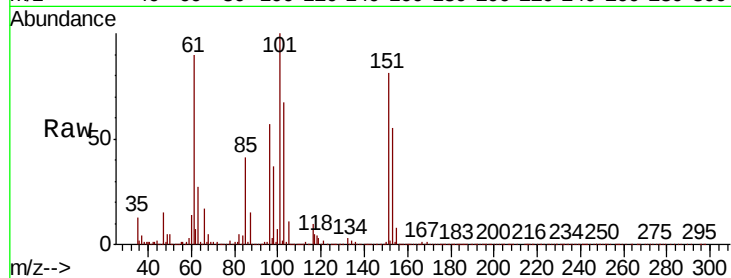
ClientSampleId :

VX1113WBS02

Tot Ion:	101	Resp:	149745
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.4	51.6
151	82.1	66.4	99.6

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#10

Methyl Iodide

Concen: 16.626 ug/l

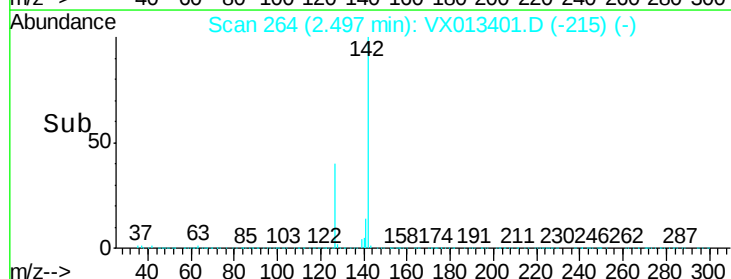
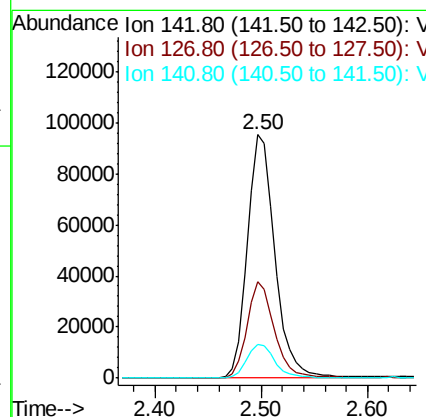
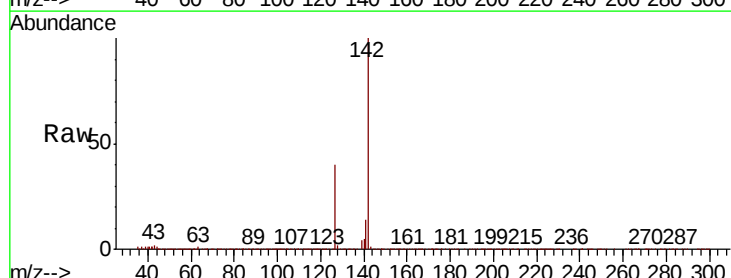
RT: 2.50 min Scan# 264

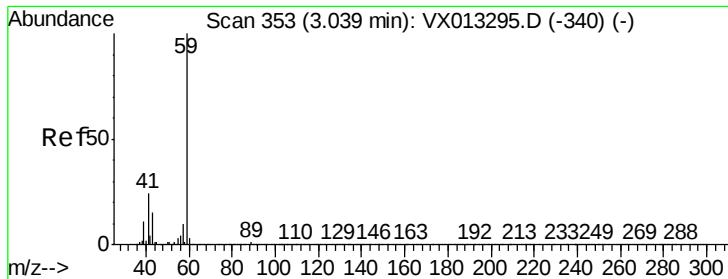
Delta R.T. -0.00 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Tgt Ion:	142	Resp:	173239
Ion Ratio	Lower	Upper	
142	100		
127	38.7	32.6	49.0
141	14.7	11.6	17.4





#11

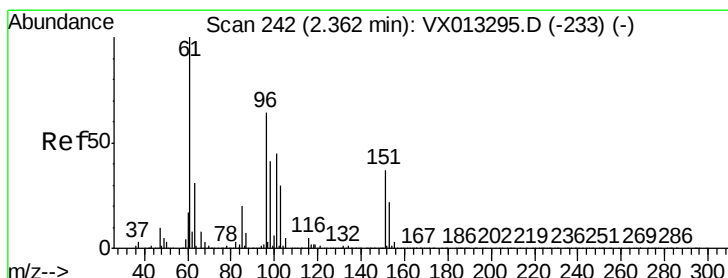
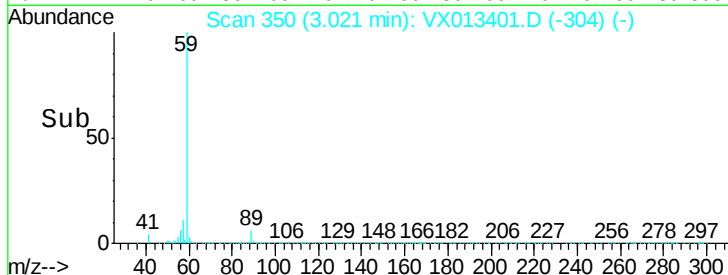
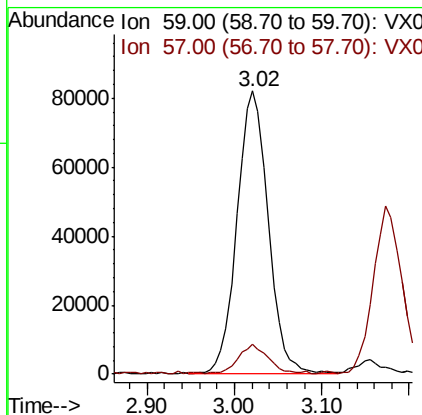
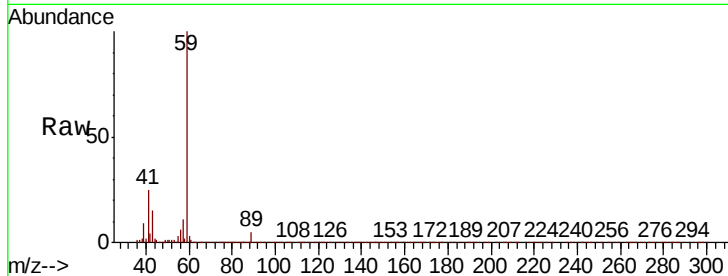
Tert butyl alcohol
Concen: 72.878 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.0	12.0

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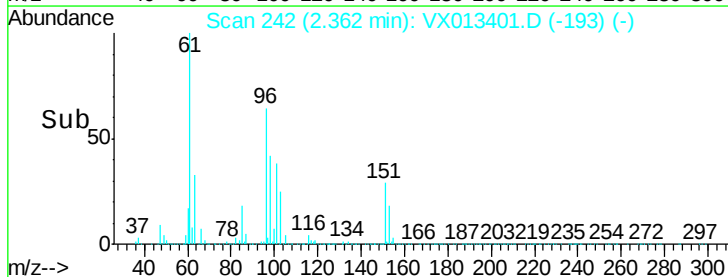
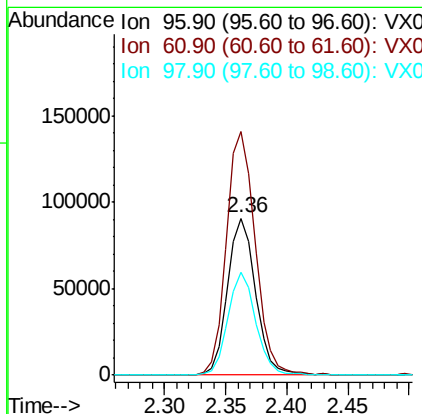
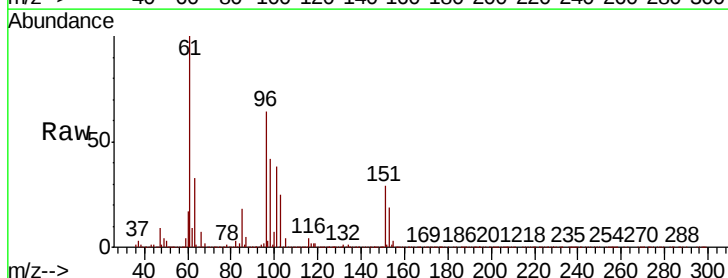
MMDadoda
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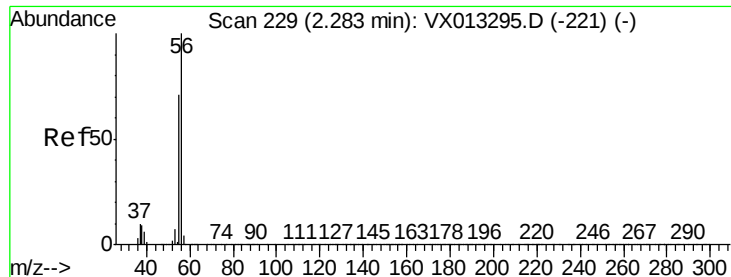


#12

1,1-Dichloroethene
Concen: 17.529 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.5	125.0	187.6
98	65.7	50.7	76.1





#13

Acrolein

Concen: 99.316 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS02

Tot Ion: 56 Resp: 151014

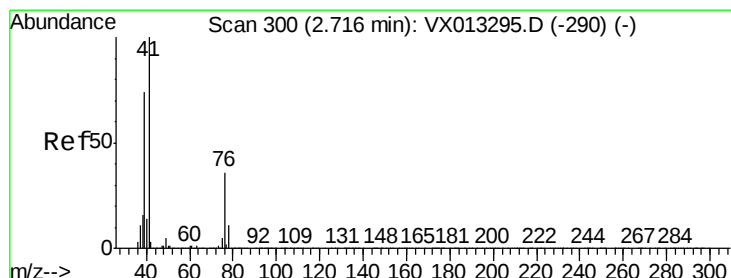
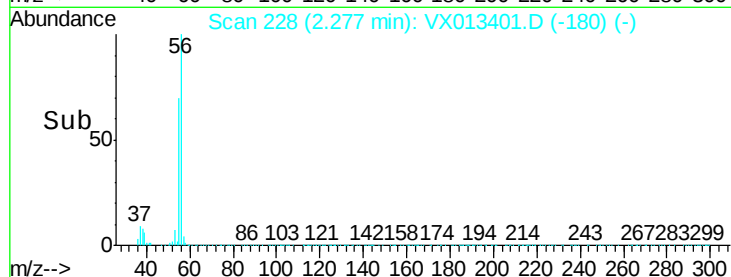
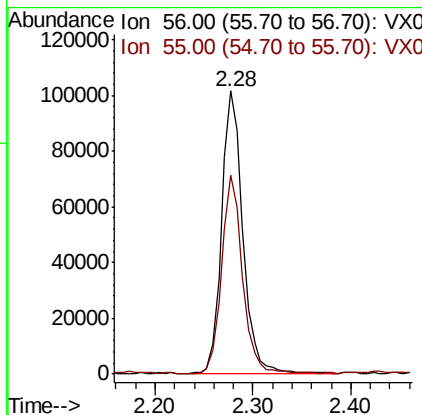
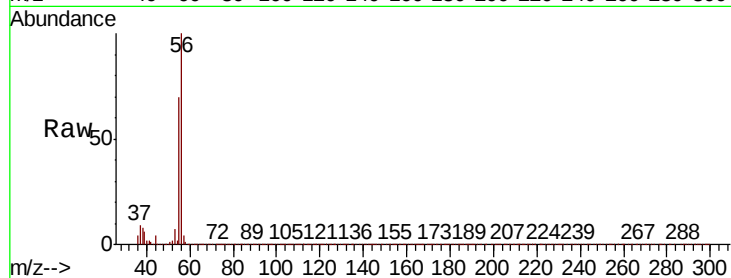
Ion Ratio Lower Upper

56 100

55 70.7 57.4 86.0

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#14

Allyl chloride

Concen: 17.279 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

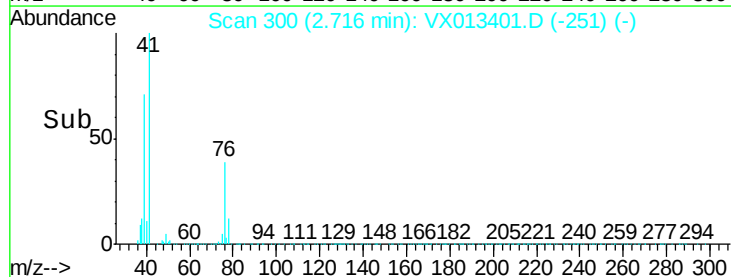
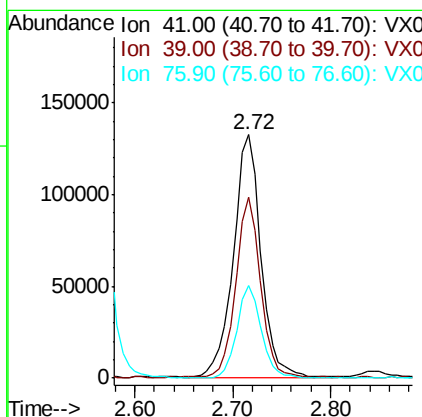
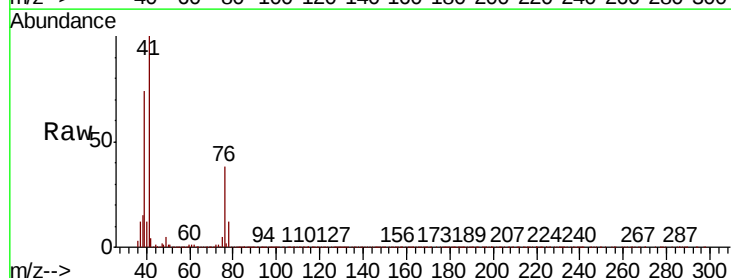
Tgt Ion: 41 Resp: 258756

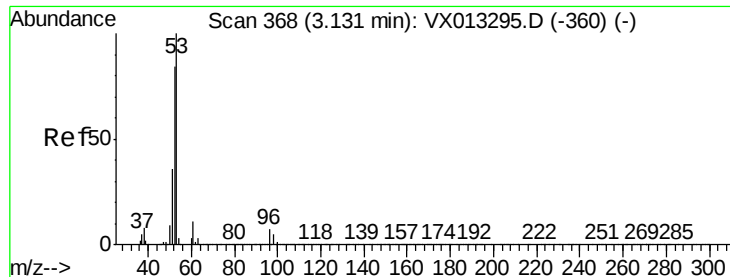
Ion Ratio Lower Upper

41 100

39 66.7 55.8 83.8

76 33.1 26.4 39.6





#15

Acrylonitrile

Concen: 82.544 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

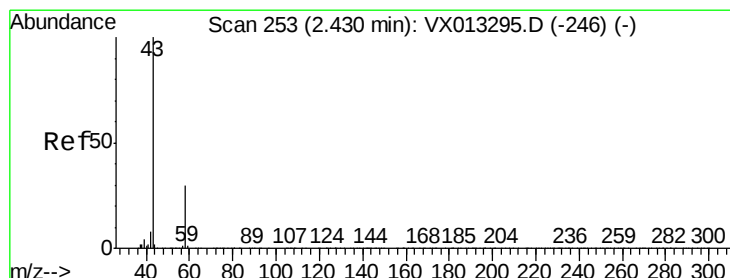
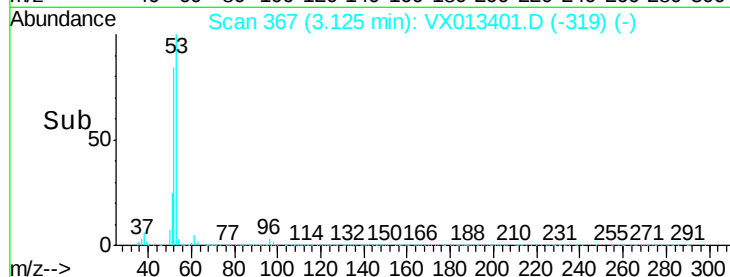
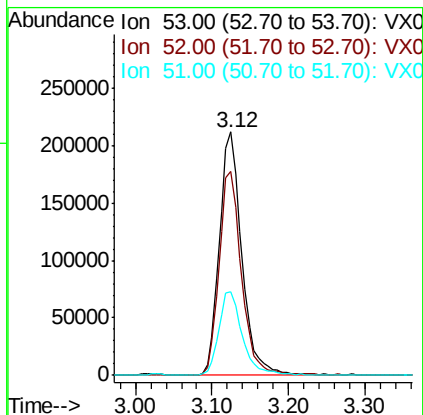
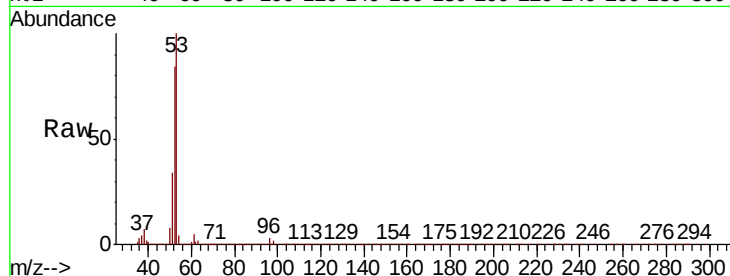
ClientSampleId :

VX1113WBS02

Tot Ion:	53	Resp:	432587
Ion Ratio		Lower	Upper
53	100		
52	82.9	67.4	101.0
51	35.4	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 75.708 ug/l

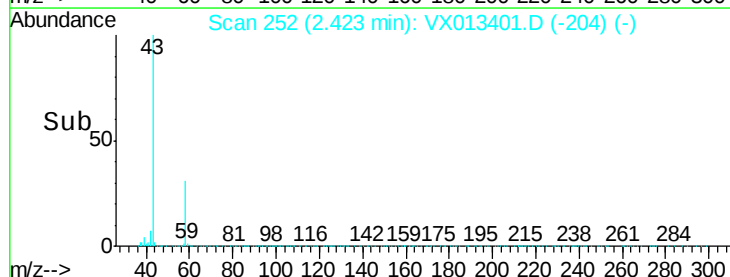
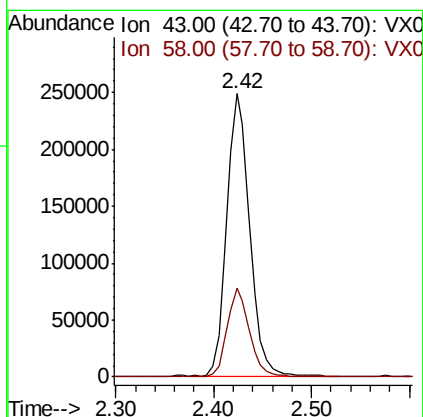
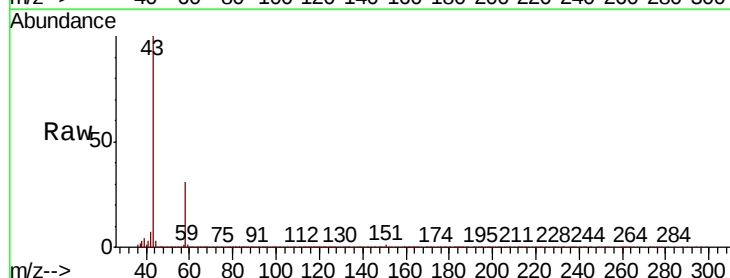
RT: 2.42 min Scan# 252

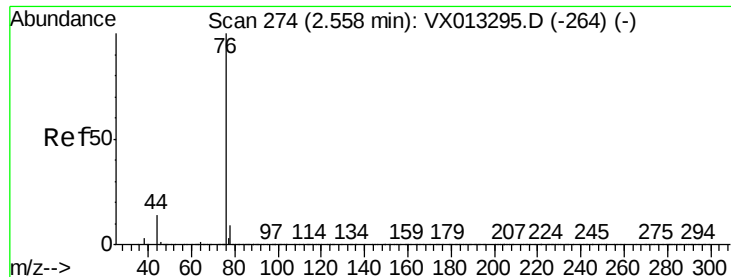
Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Tgt Ion:	43	Resp:	401960
Ion Ratio		Lower	Upper
43	100		
58	31.1	24.3	36.5





#17

Carbon Disulfide

Concen: 16.768 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS02

Tot Ion: 76 Resp: 369888

Ion Ratio Lower Upper

76 100

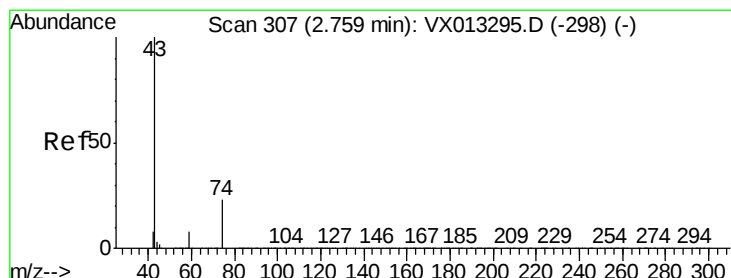
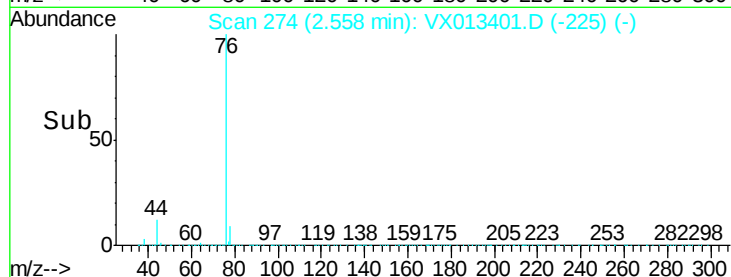
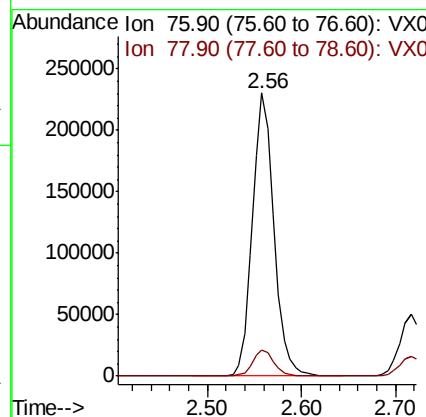
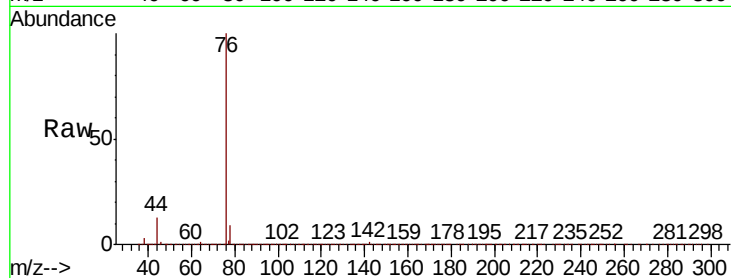
78 9.3 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 16.857 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX013401.D

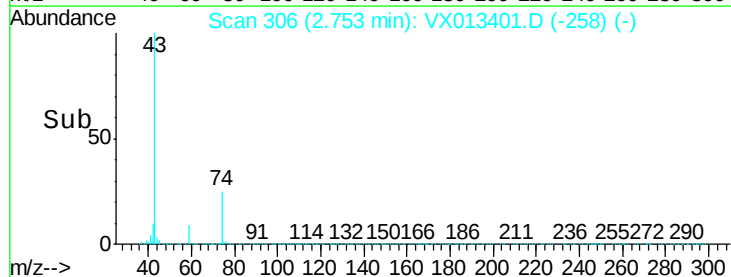
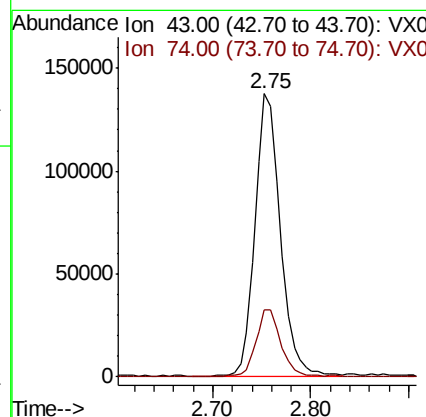
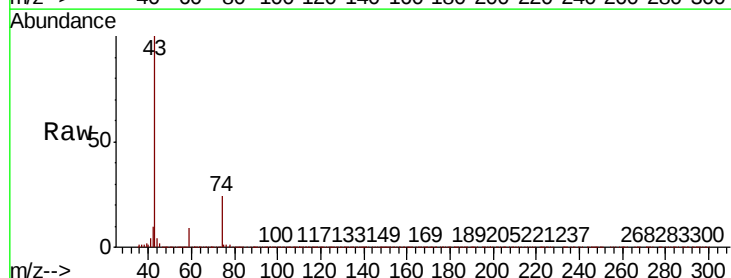
Acq: 13 Nov 2019 12:35

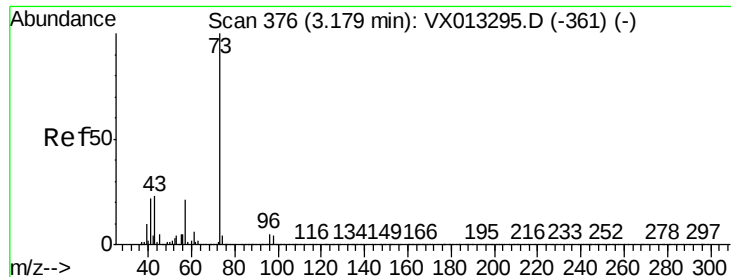
Tgt Ion: 43 Resp: 247095

Ion Ratio Lower Upper

43 100

74 24.1 19.0 28.6





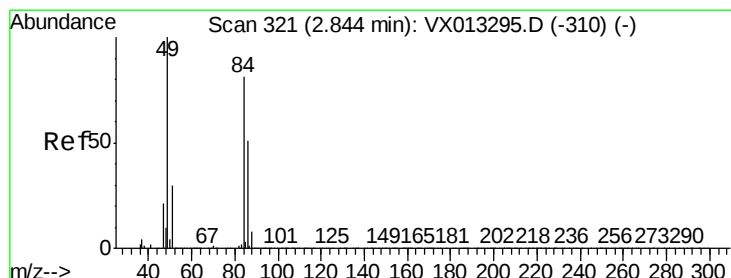
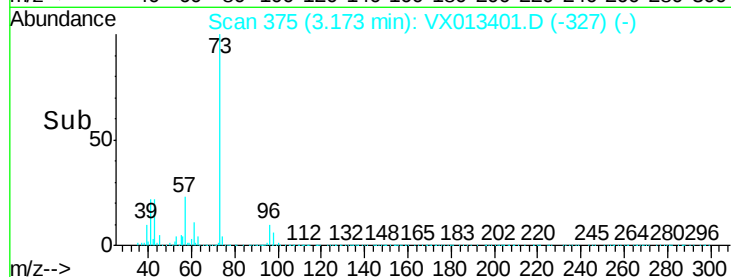
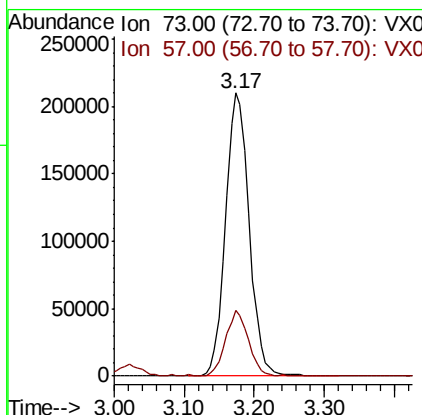
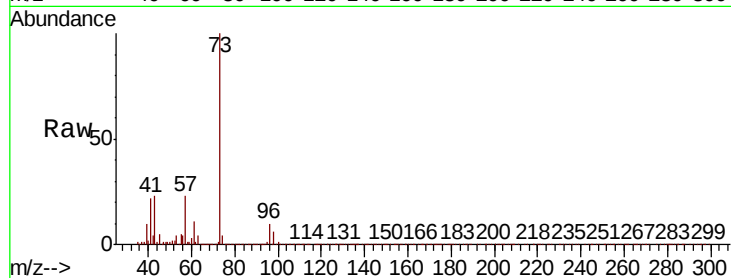
#19
Methvl tert-butvl Ether
Concen: 17.923 ug/l
RT: 3.17 min Scan# 375
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.1	25.7

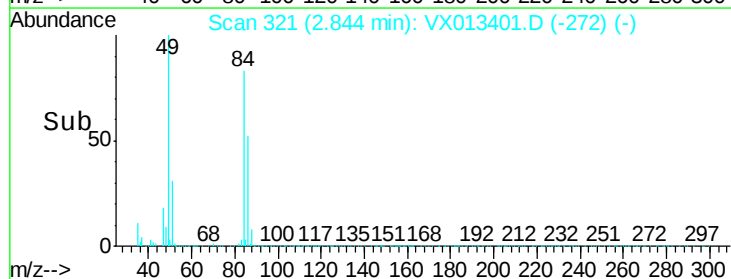
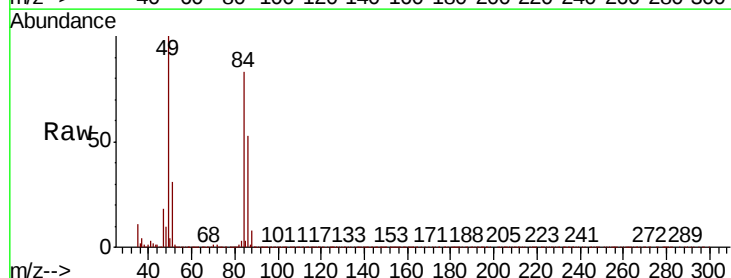
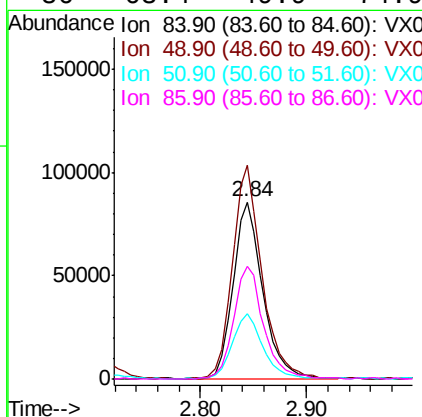
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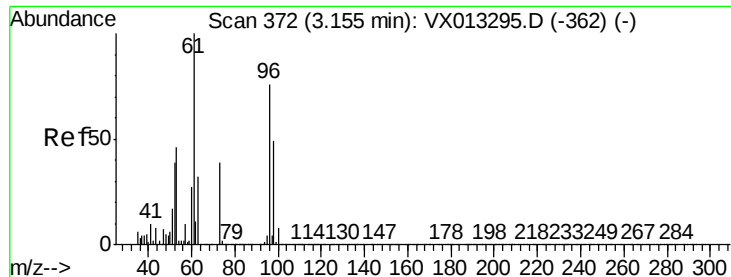
MMDadoda
11/14/2019 9:37:11 AM



#20
Methylene Chloride
Concen: 16.973 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.5	98.2	147.4
51	36.7	29.9	44.9
86	63.4	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 17.204 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

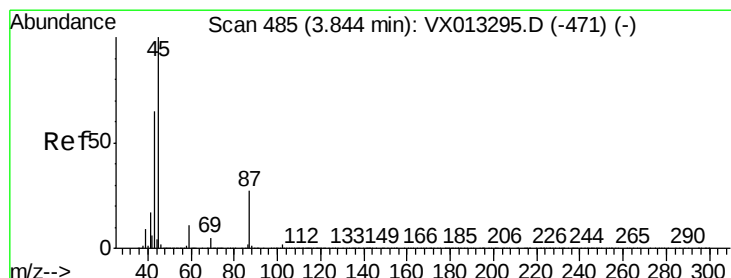
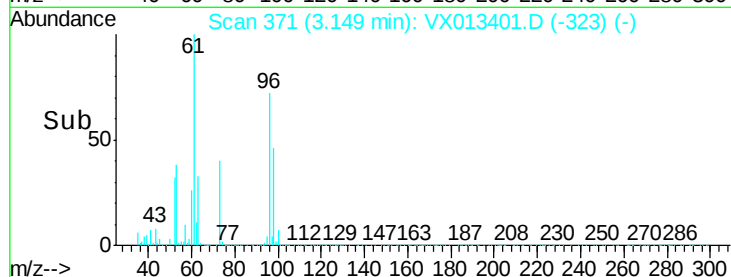
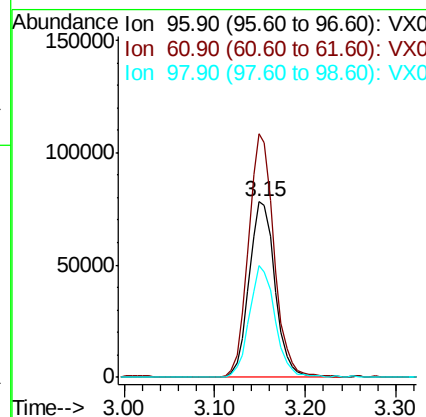
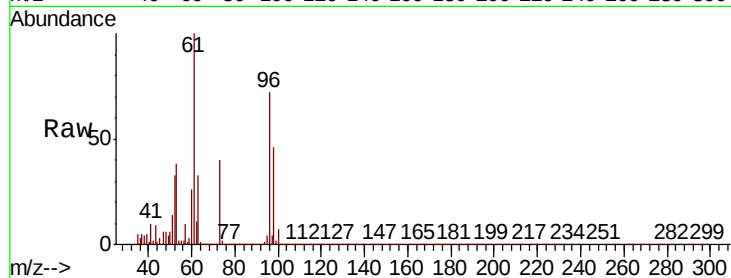
ClientSampleId :

VX1113WBS02

Tot Ion:	96	Resp:	154383
Ion Ratio	Lower	Upper	
96	100		
61	138.6	105.8	158.6
98	63.6	51.8	77.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.346 ug/l

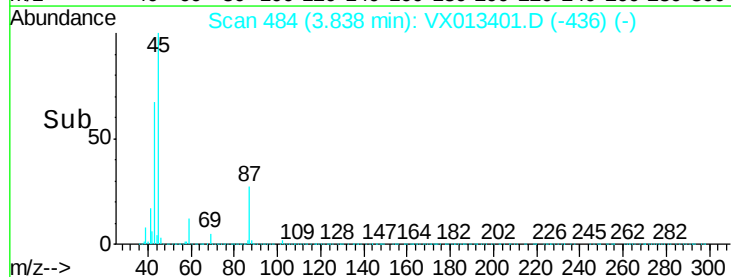
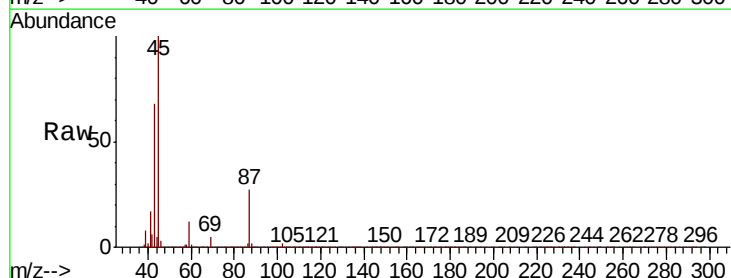
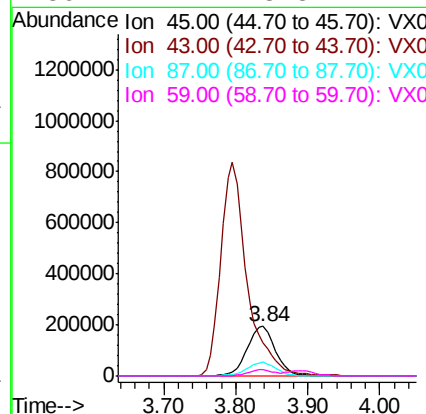
RT: 3.84 min Scan# 484

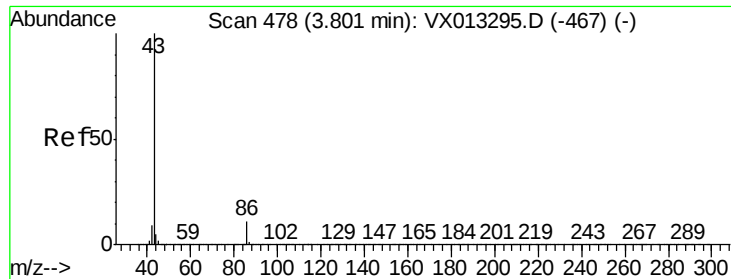
Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Tgt Ion:	45	Resp:	530403
Ion Ratio	Lower	Upper	
45	100		
43	67.3	54.2	81.2
87	27.4	21.8	32.8
59	11.7	8.5	12.7





#23

Vinyl Acetate

Concen: 86.934 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS02

Tot Ion: 43 Resp: 2150644

Ion Ratio Lower Upper

43 100

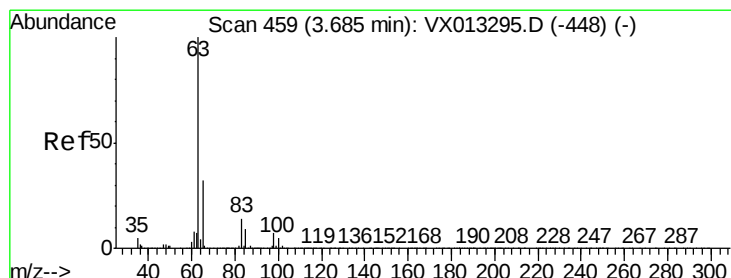
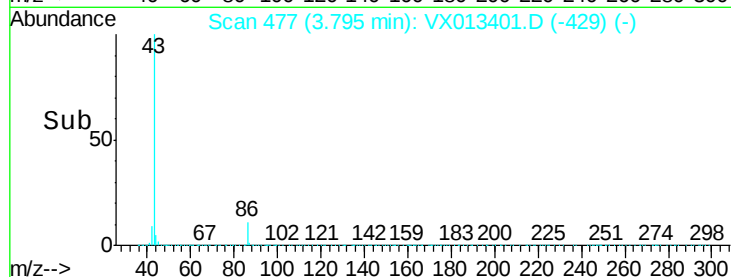
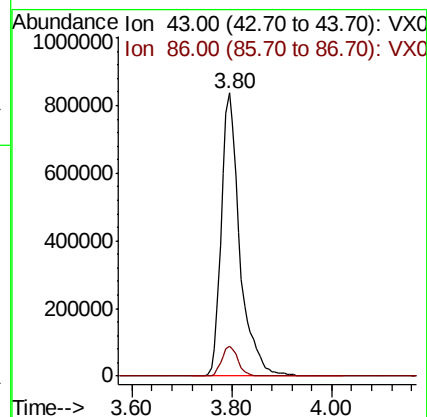
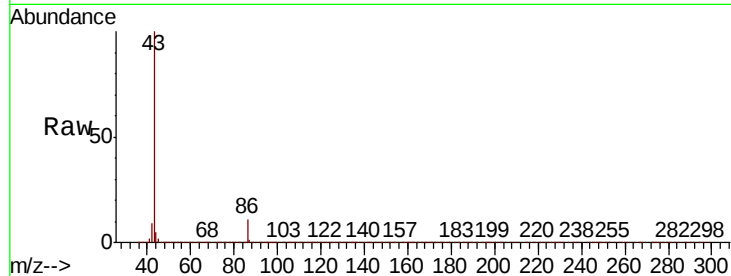
86 10.7 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.363 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

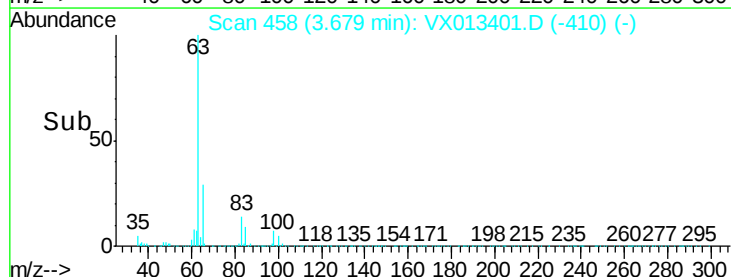
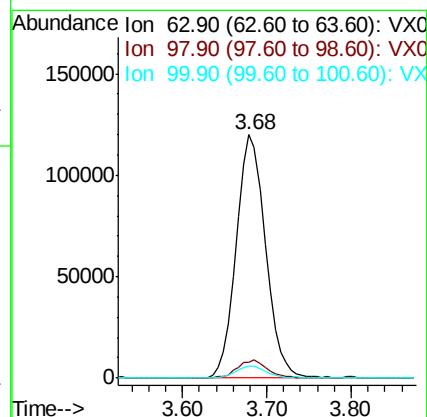
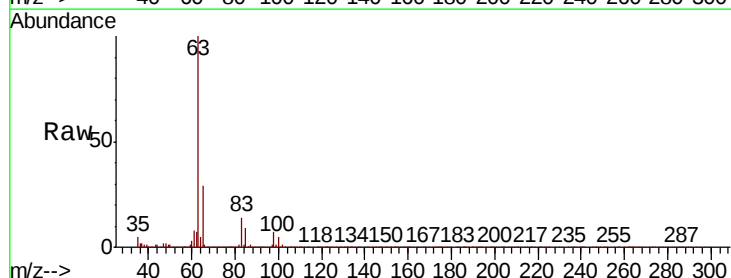
Tgt Ion: 63 Resp: 280806

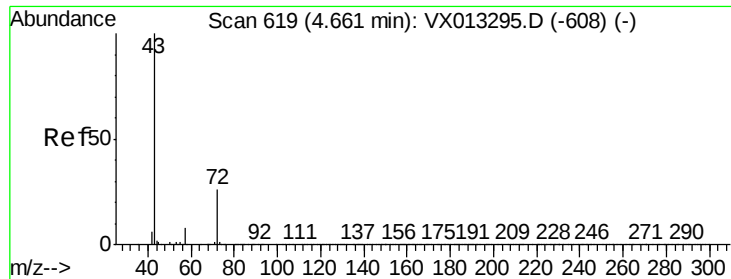
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 79.782 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS02

Tot Ion: 43 Resp: 621410

Ion Ratio Lower Upper

43 100

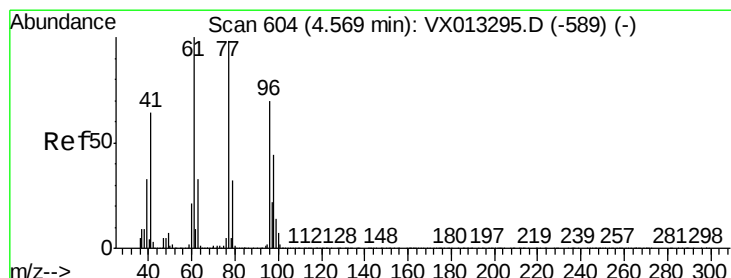
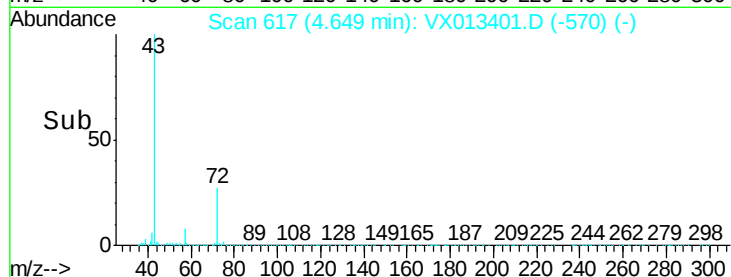
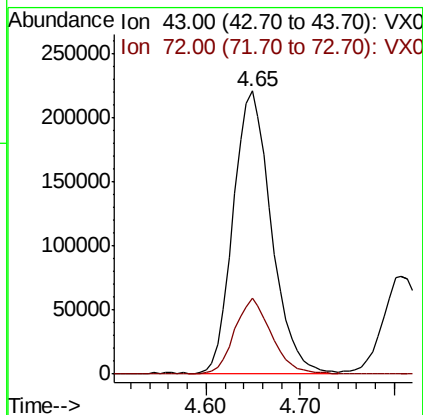
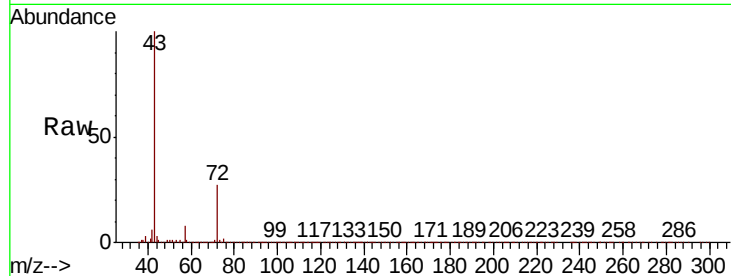
72 26.8 21.0 31.6

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11/14/2019 9:37:11 AM



#26

2,2-Dichloropropane

Concen: 18.263 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013401.D

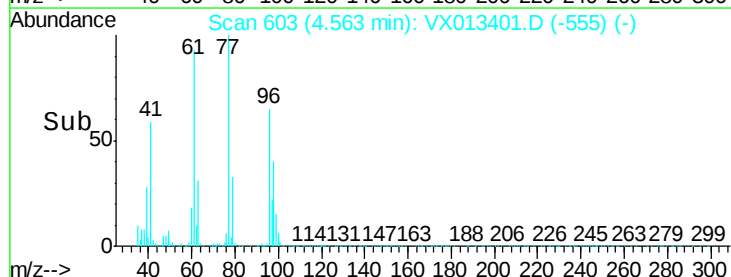
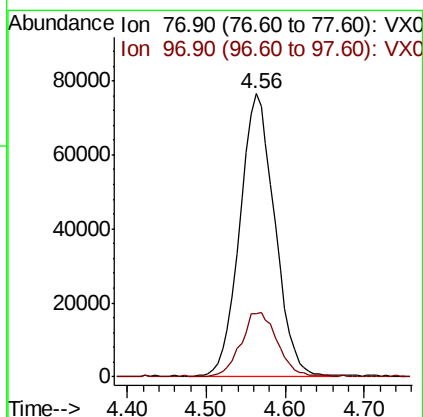
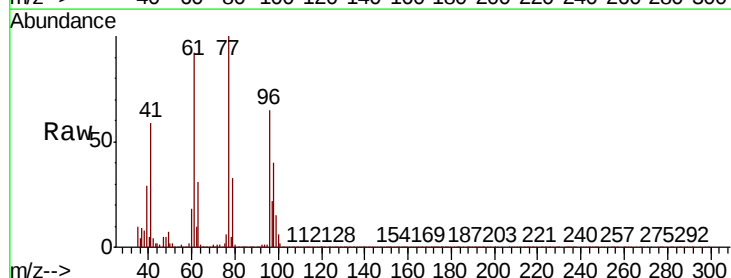
Acq: 13 Nov 2019 12:35

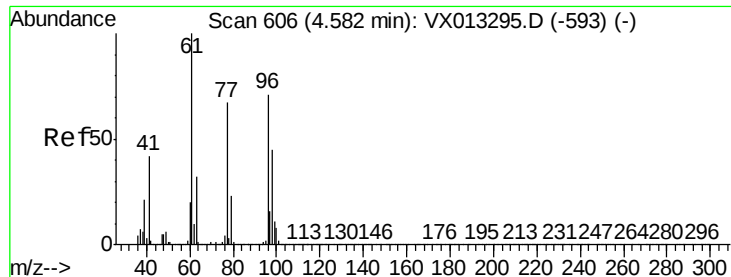
Tgt Ion: 77 Resp: 234966

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.8





#27

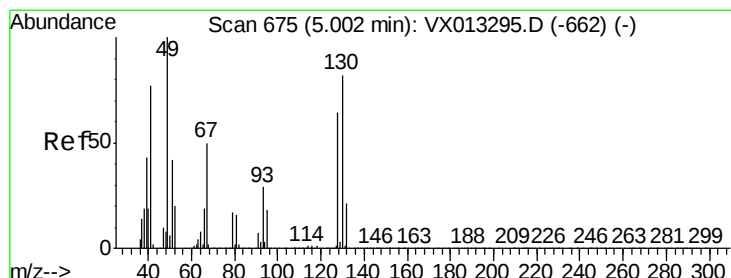
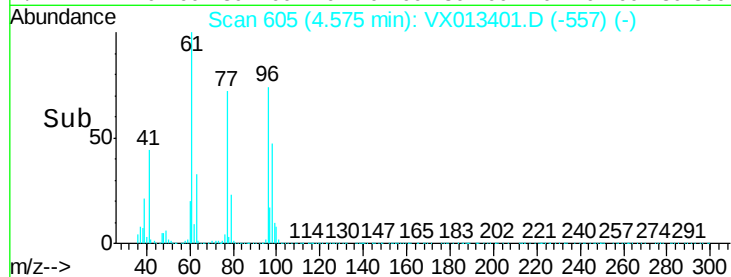
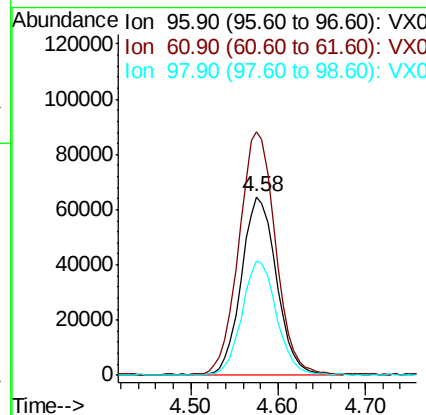
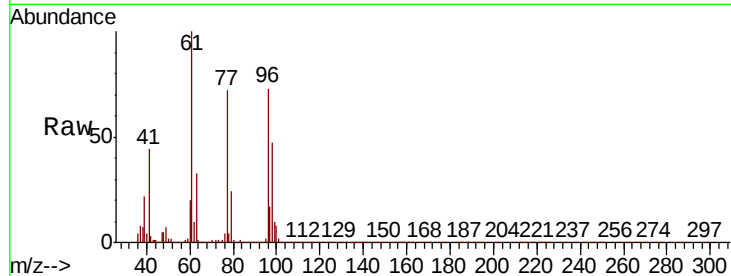
cis-1,2-Dichloroethene
Concen: 17.883 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	179766		
61	141.6	0.0	288.0	
98	63.0	0.0	129.6	

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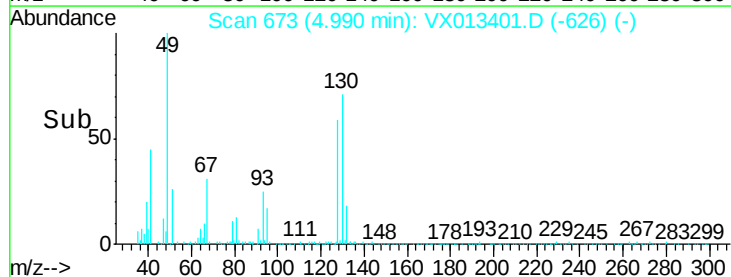
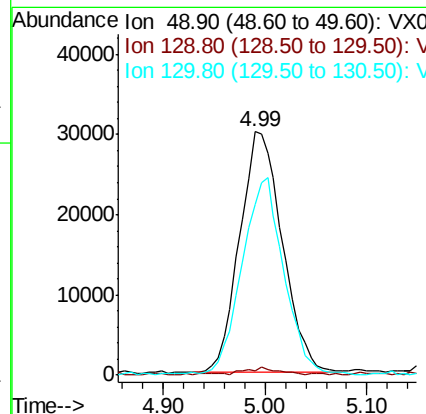
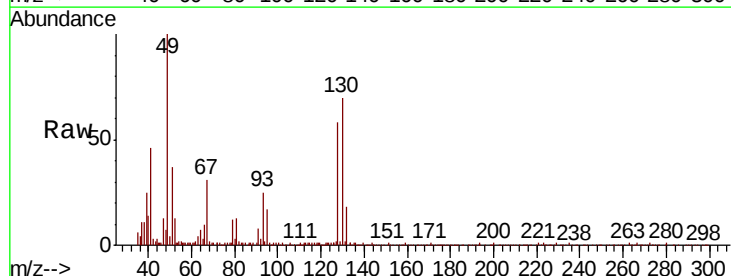
MMDadoda
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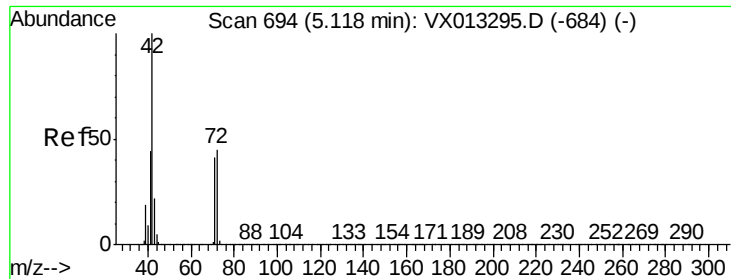


#28

Bromochloromethane
Concen: 19.065 ug/l
RT: 4.99 min Scan# 673
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	87549		
129	2.5	0.0	5.2	
130	80.9	63.8	95.6	





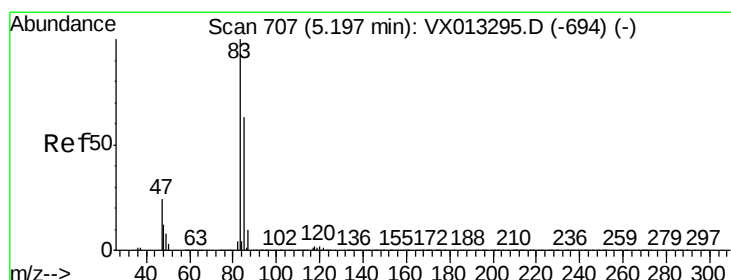
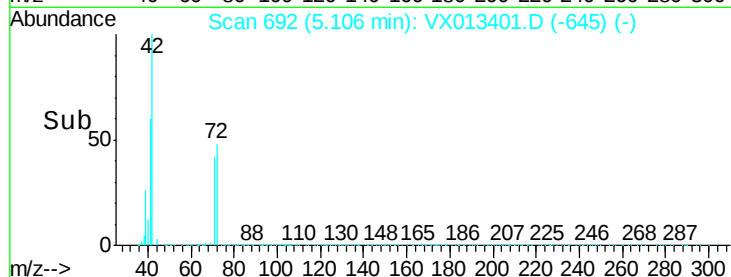
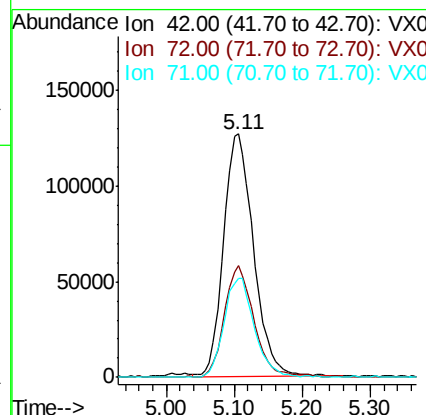
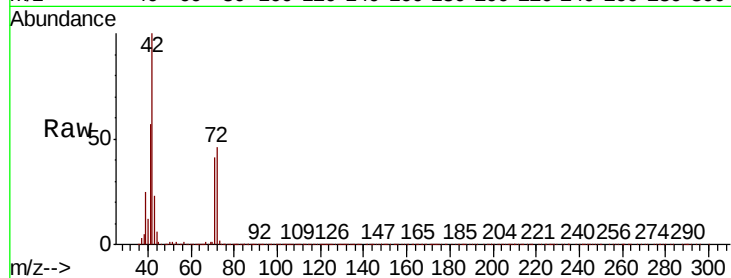
#29
Tetrahydrofuran
Concen: 80.583 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	35.8	53.8
71	41.1	33.4	50.0

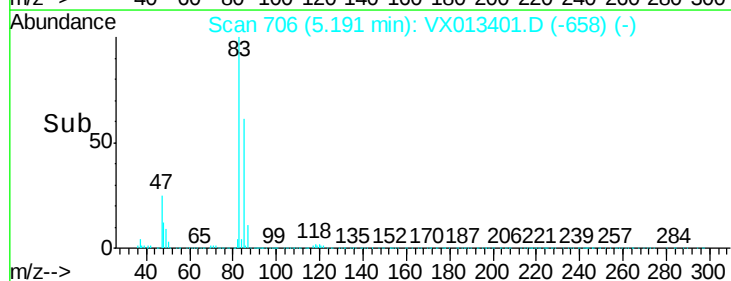
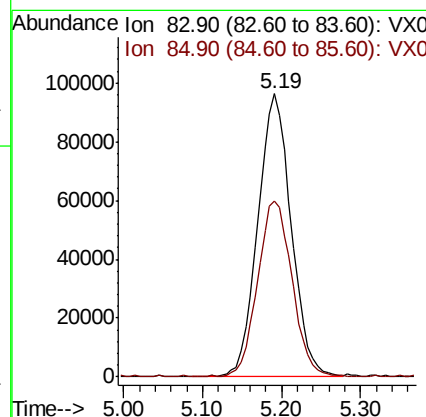
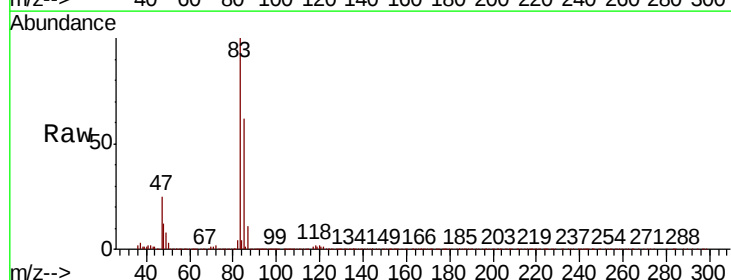
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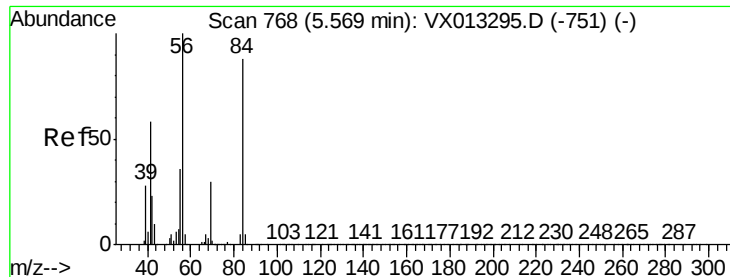
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#30
Chloroform
Concen: 17.642 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.2	75.4





#31

Cvclohexane

Concen: 17.557 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

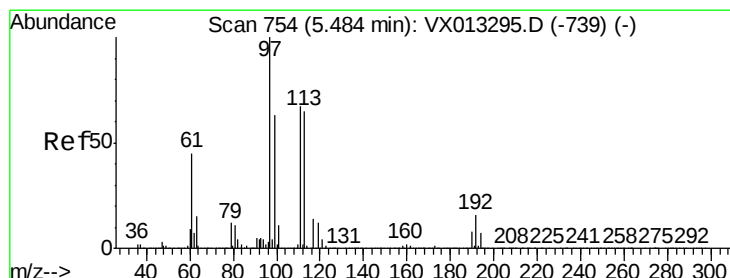
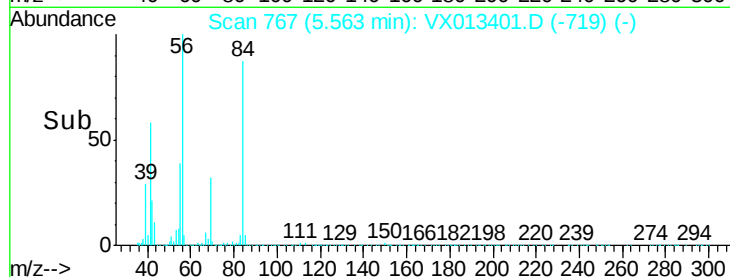
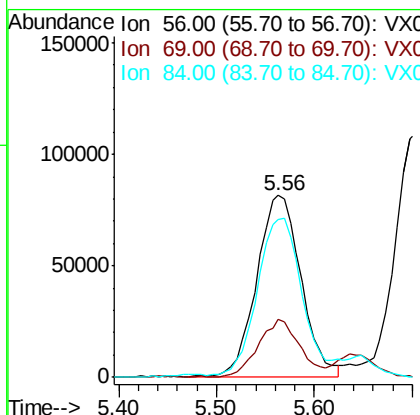
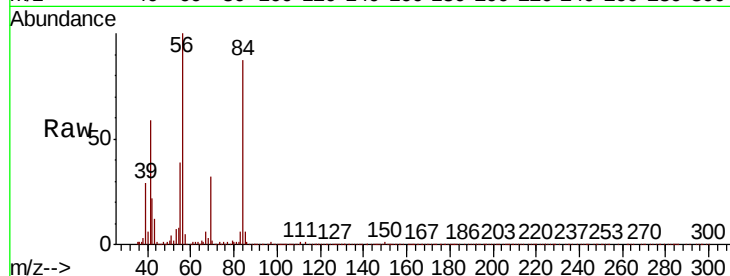
ClientSampleId :

VX1113WBS02

Tot Ion:	56	Resp:	255501
Ion Ratio		Lower	Upper
56	100		
69	31.4	23.7	35.5
84	85.6	70.6	105.8

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#32

1,1,1-Trichloroethane

Concen: 17.116 ug/l

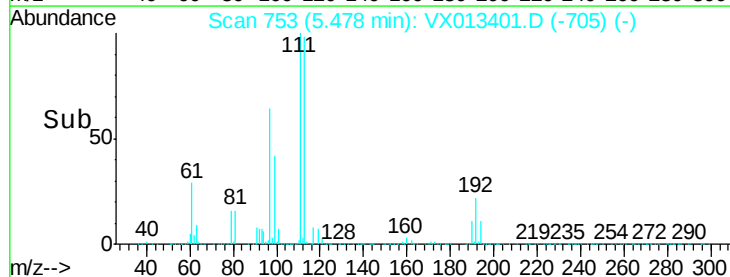
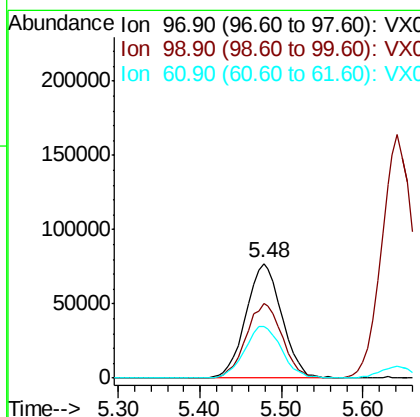
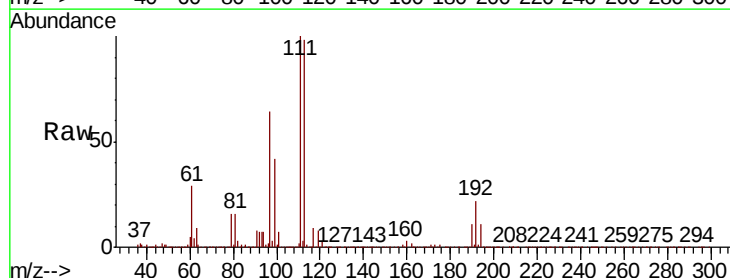
RT: 5.48 min Scan# 753

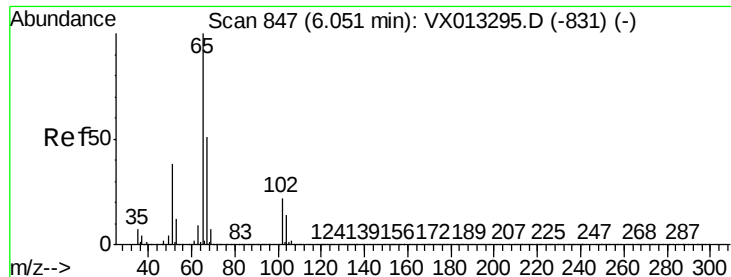
Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Tgt Ion:	97	Resp:	235235
Ion Ratio		Lower	Upper
97	100		
99	65.4	51.1	76.7
61	47.2	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 37.883 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS02

Tot Ion: 65 Resp: 403244

Ion Ratio Lower Upper

65 100

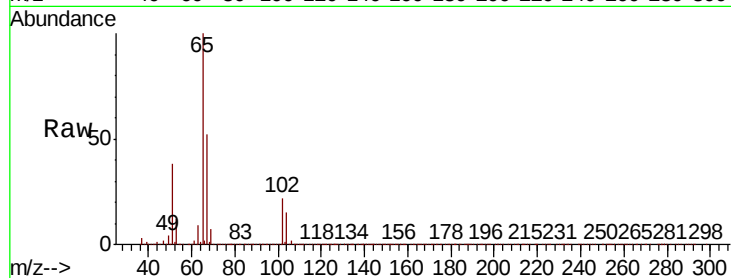
67 52.5 0.0 104.2

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

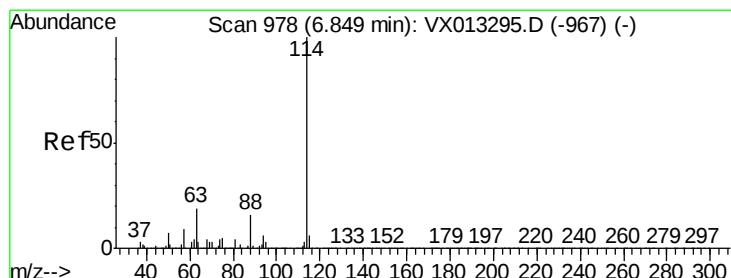
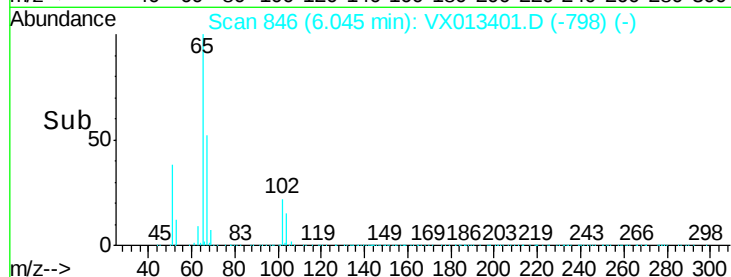
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

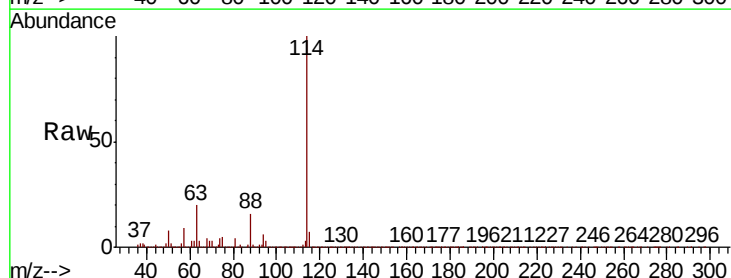
Tgt Ion: 114 Resp: 1344812

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

88 15.5 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

800000

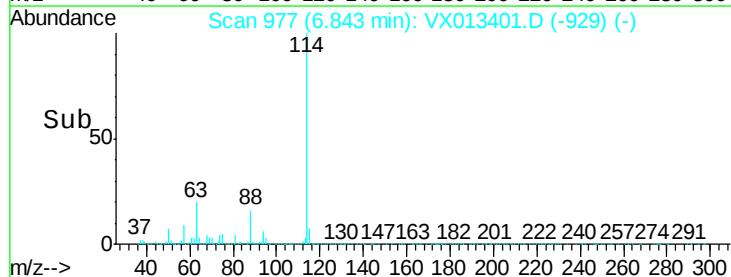
600000

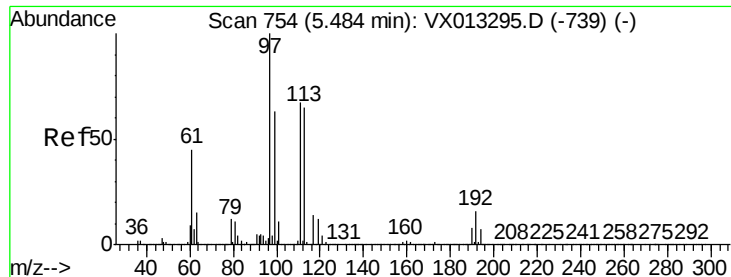
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 39.696 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

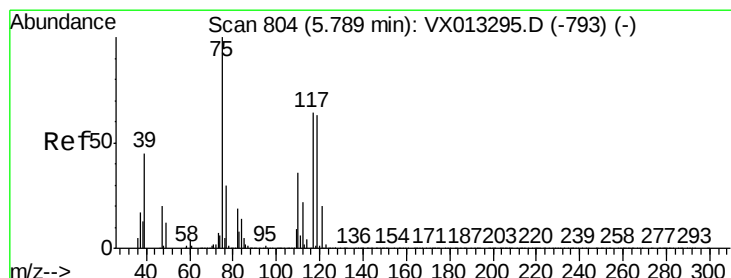
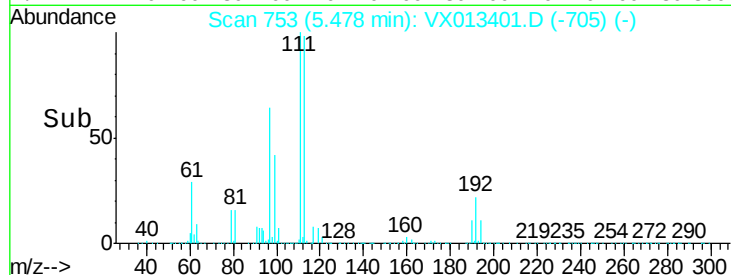
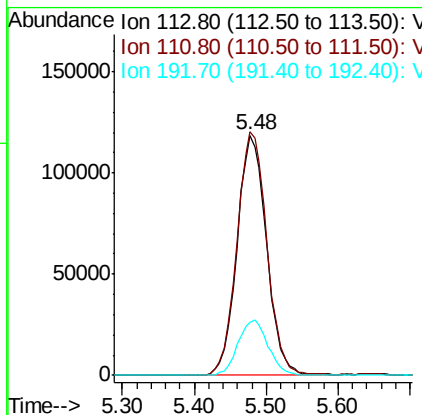
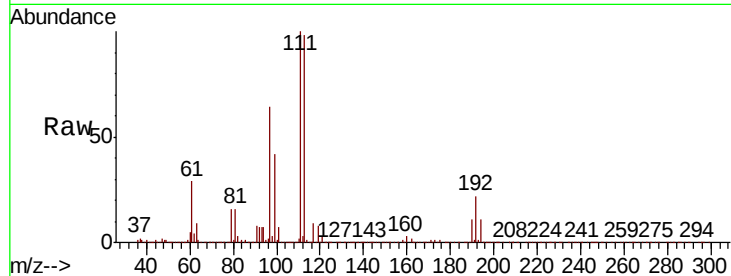
ClientSampleId :

VX1113WBS02

Tot Ion:	113	Resp:	334826
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.9	122.9
192	23.7	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 18.096 ug/l

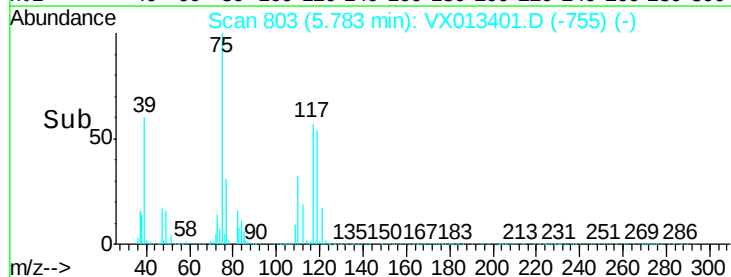
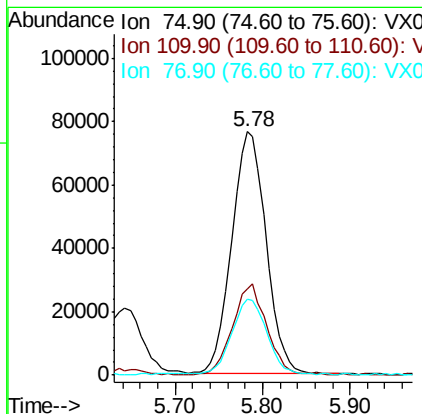
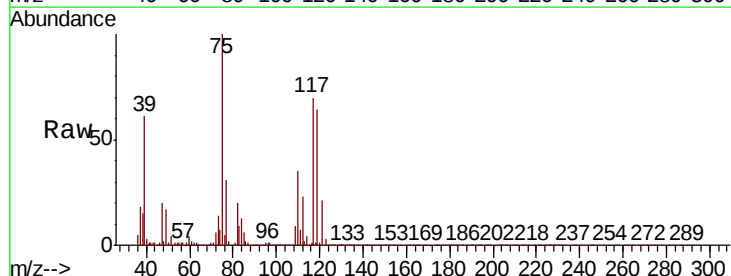
RT: 5.78 min Scan# 803

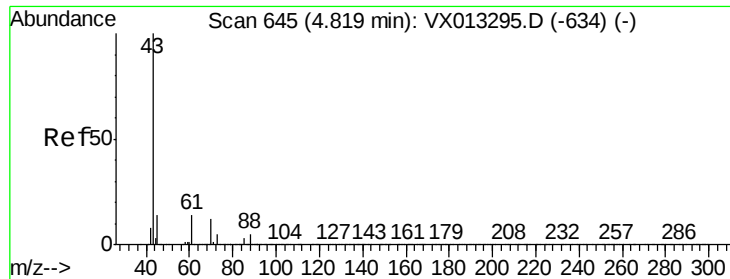
Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Tgt Ion:	75	Resp:	208773
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.1	54.1
77	31.6	25.0	37.4





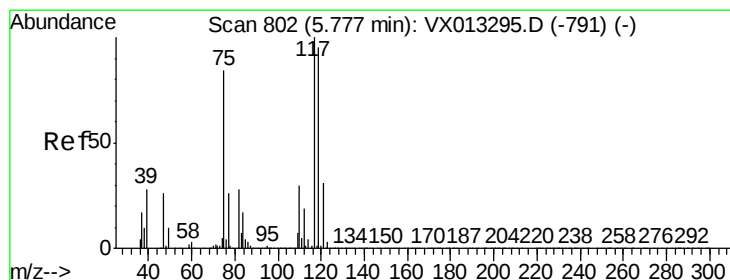
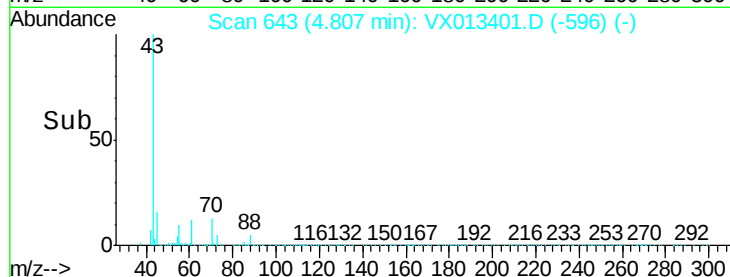
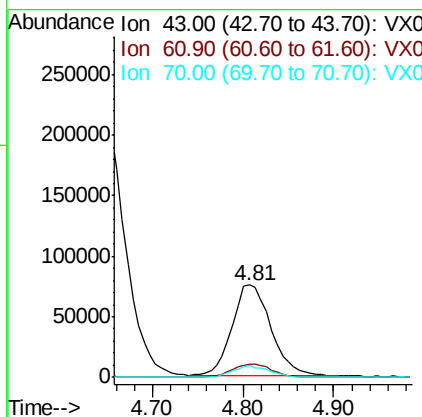
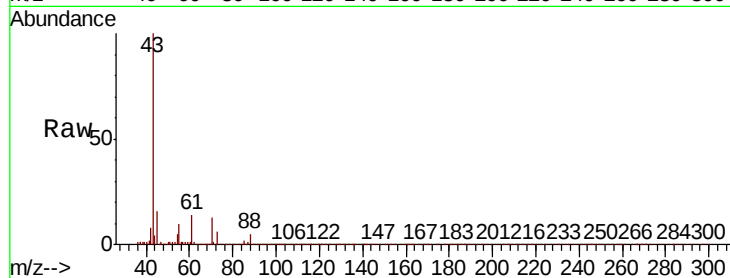
#37
Ethyl Acetate
Concen: 15.935 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.7	16.1
70	11.5	8.7	13.1

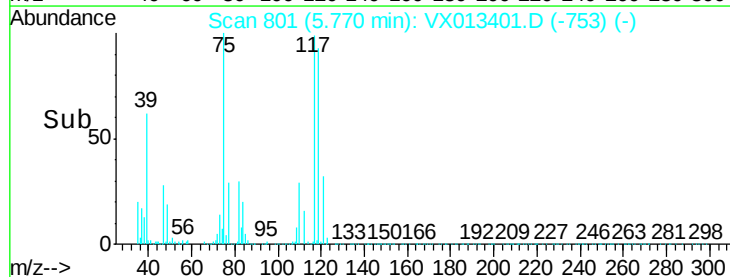
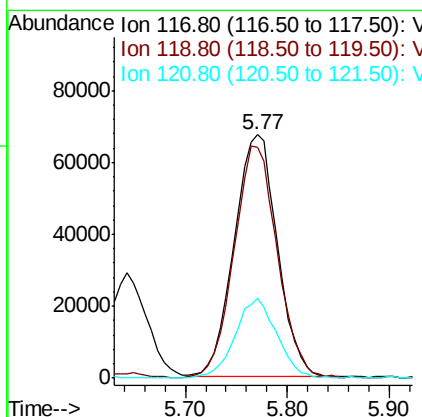
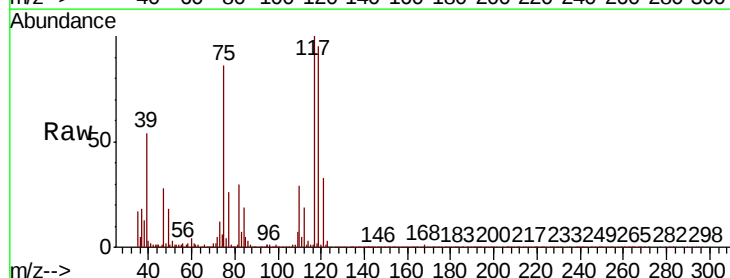
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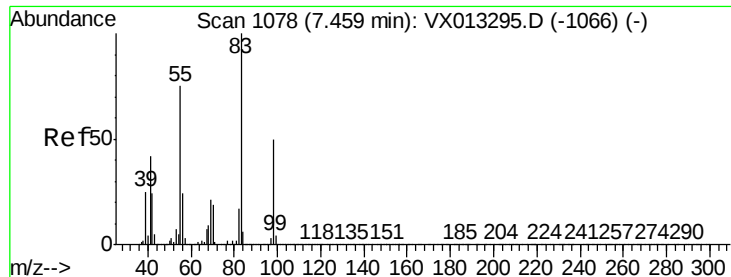
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#38
Carbon Tetrachloride
Concen: 17.556 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.1	114.1
121	32.8	24.6	37.0





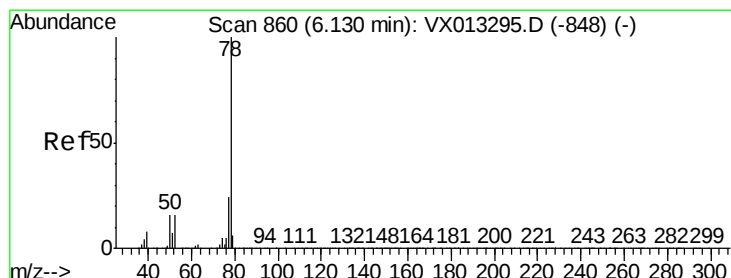
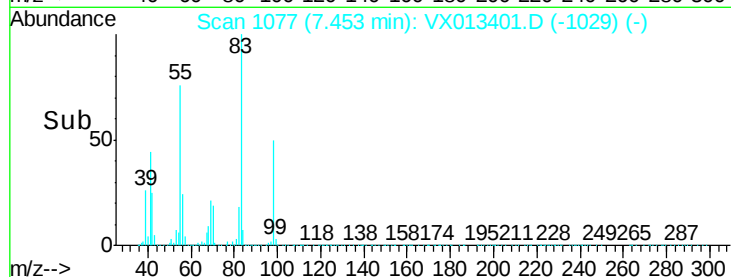
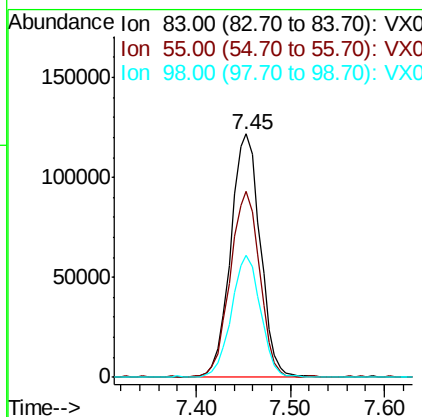
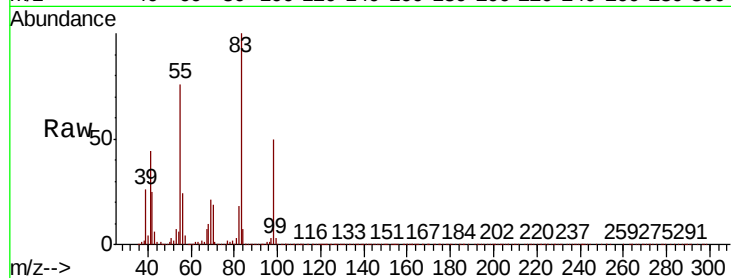
#39
Methvlcvclohexane
Concen: 18.359 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	60.3	90.5
98	50.1	40.3	60.5

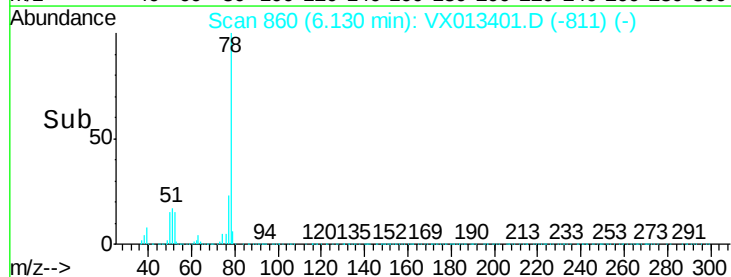
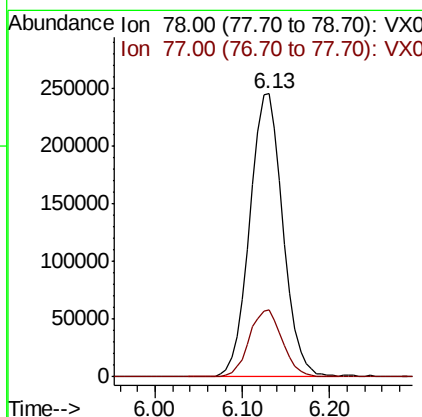
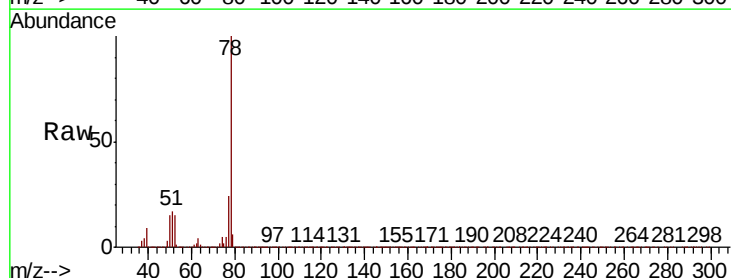
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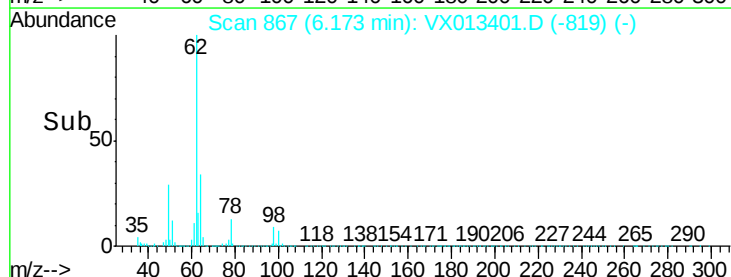
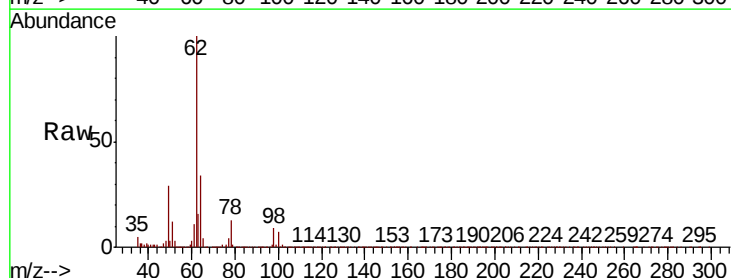
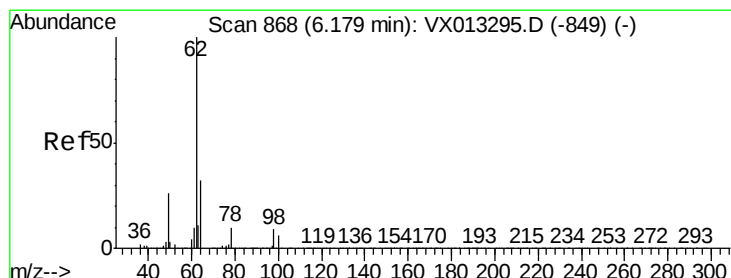
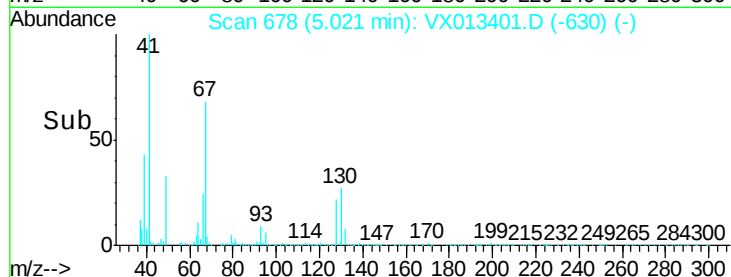
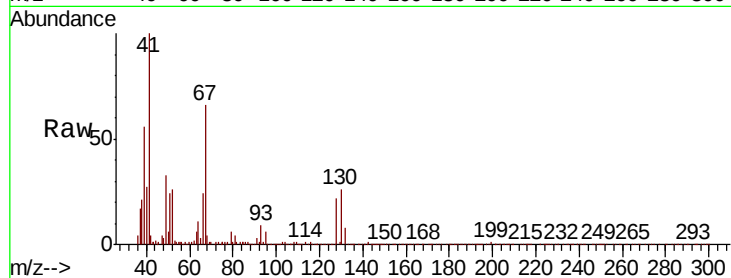
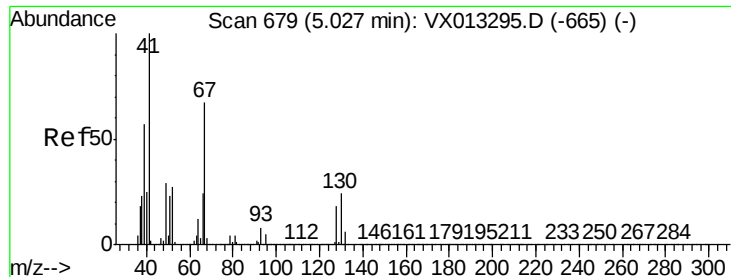
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#40
Benzene
Concen: 18.020 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

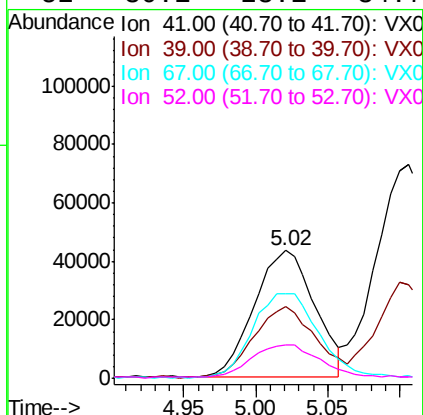
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.5	29.3





#41
Methacrylonitrile
Concen: 15.835 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		126530		
39	58.8	45.0	67.6		
67	75.3	55.4	83.2		
52	30.1	23.1	34.7		



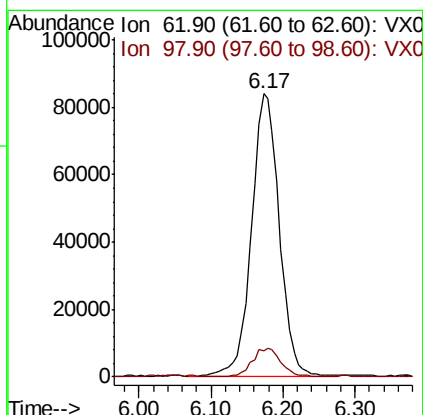
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

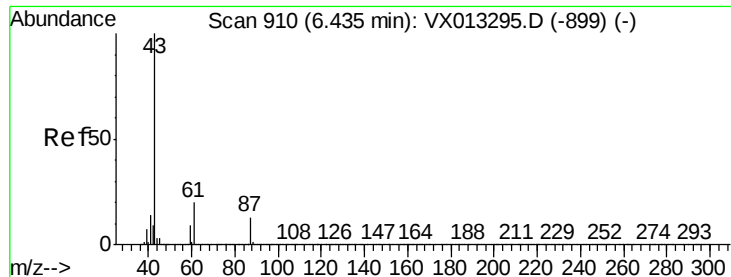
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 17.496 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		226796		
98	10.0	0.0	19.4		





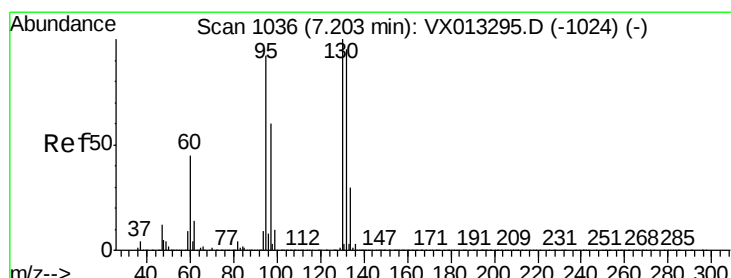
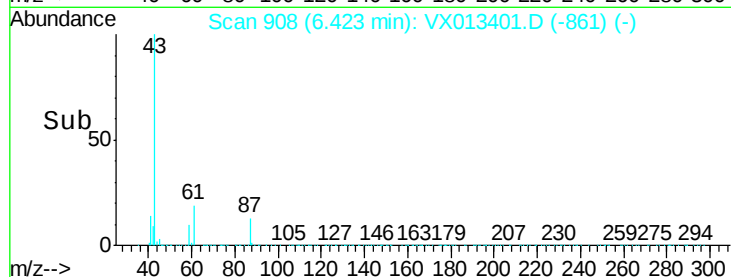
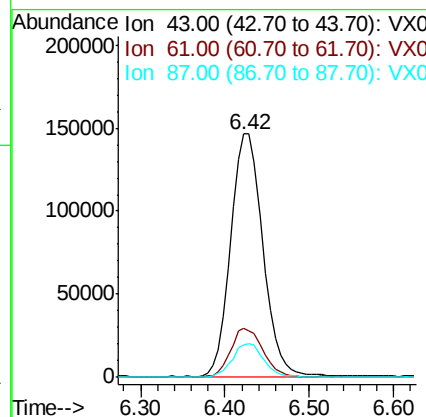
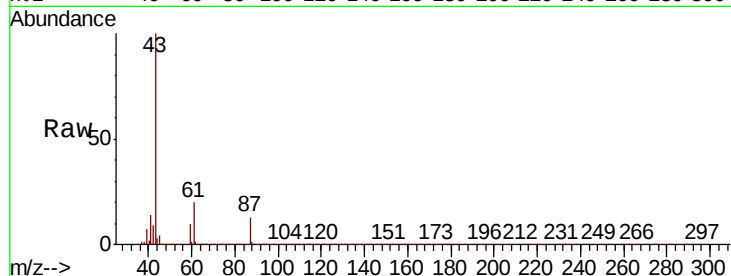
#43
Isopropyl Acetate
Concen: 17.150 ug/l
RT: 6.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.8	23.8
87	13.4	10.4	15.6

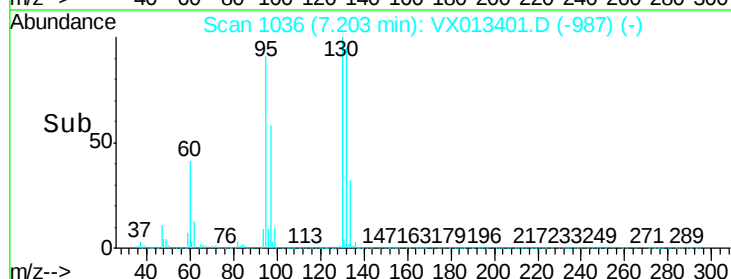
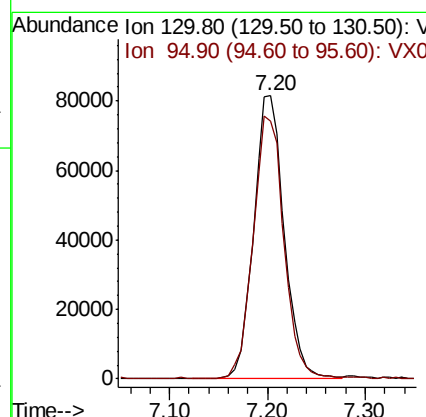
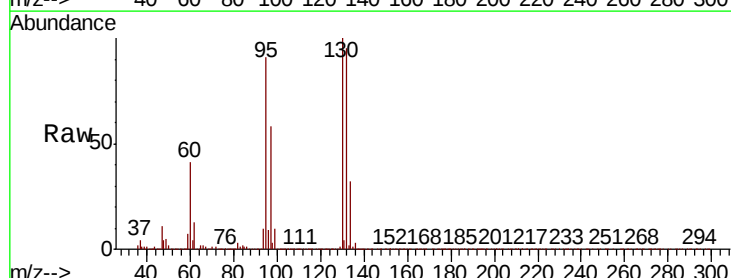
Manual Integrations
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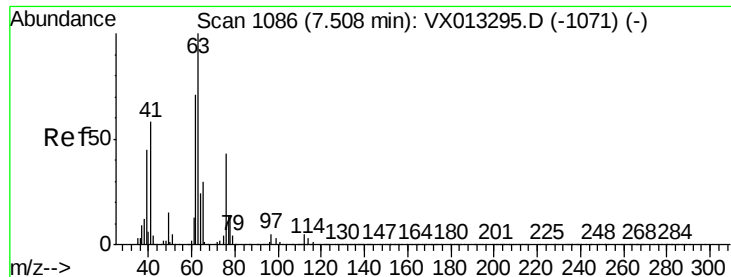
MMDadoda
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#44
Trichloroethene
Concen: 17.708 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	184.8





#45

1,2-Dichloropropane

Concen: 18.533 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS02

Tot Ion: 63 Resp: 169699

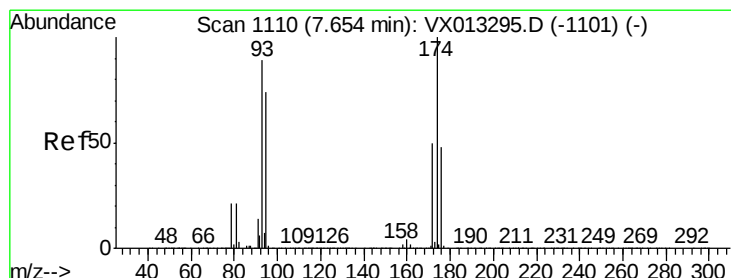
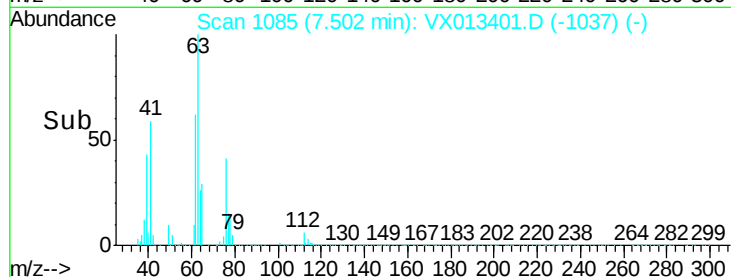
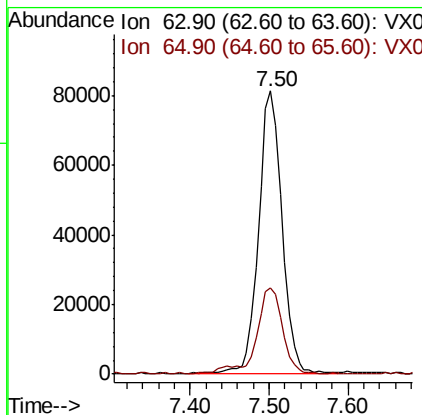
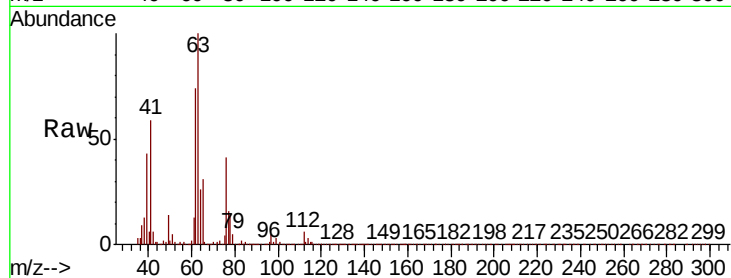
Ion Ratio Lower Upper

63 100

65 30.5 24.3 36.5

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#46

Dibromomethane

Concen: 17.227 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

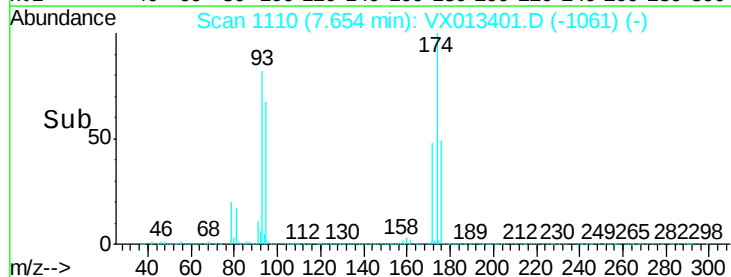
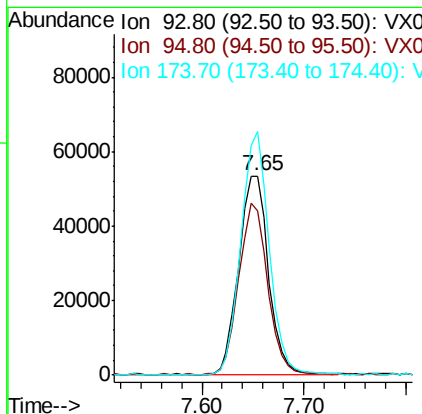
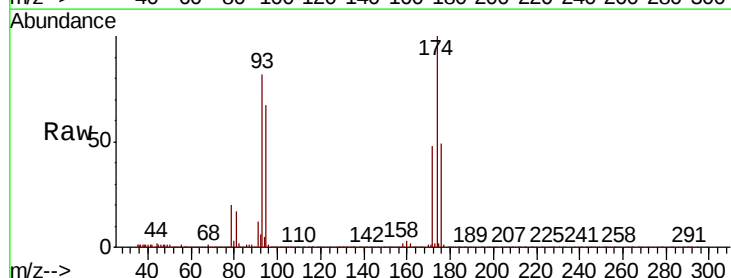
Tgt Ion: 93 Resp: 107699

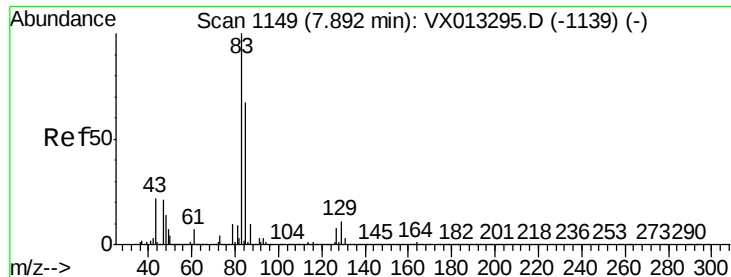
Ion Ratio Lower Upper

93 100

95 84.2 65.8 98.6

174 117.5 90.4 135.6





#47

Bromodichloromethane

Concen: 18.545 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

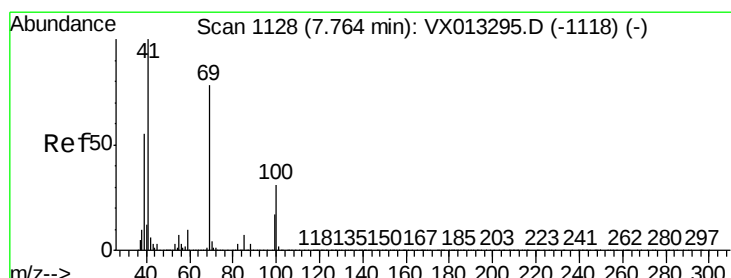
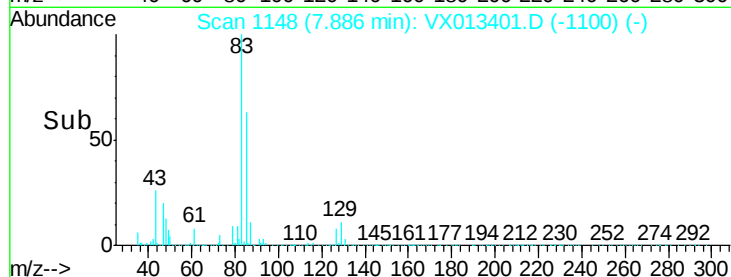
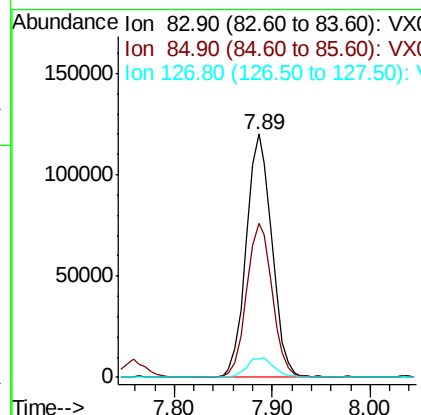
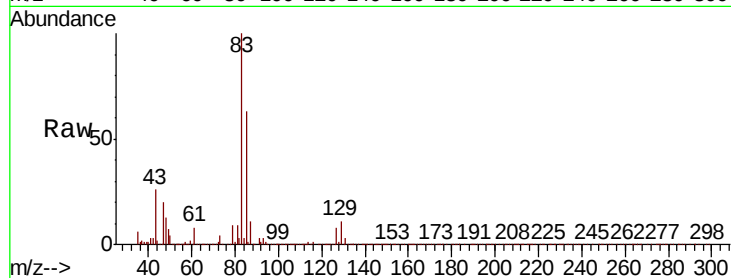
ClientSampleId :

VX1113WBS02

Tot Ion:	83	Resp:	218634
Ion Ratio	Lower	Upper	
83	100		
85	62.9	53.7	80.5
127	7.5	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.184 ug/l

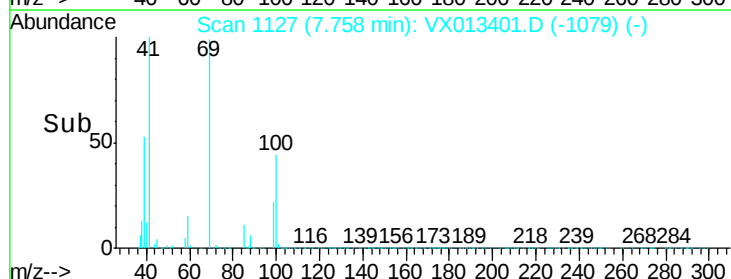
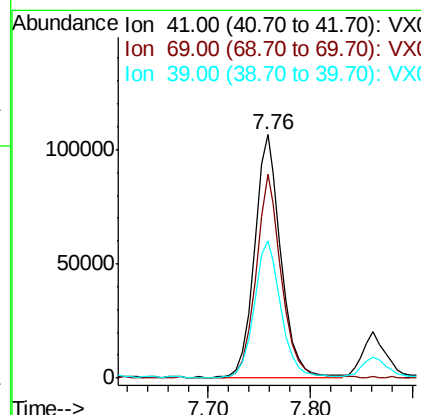
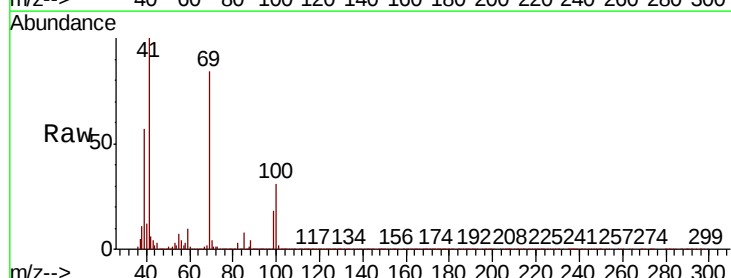
RT: 7.76 min Scan# 1127

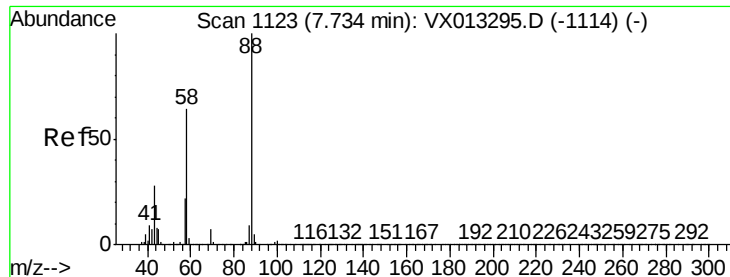
Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Tgt Ion:	41	Resp:	190413
Ion Ratio	Lower	Upper	
41	100		
69	81.2	63.0	94.6
39	57.0	45.9	68.9





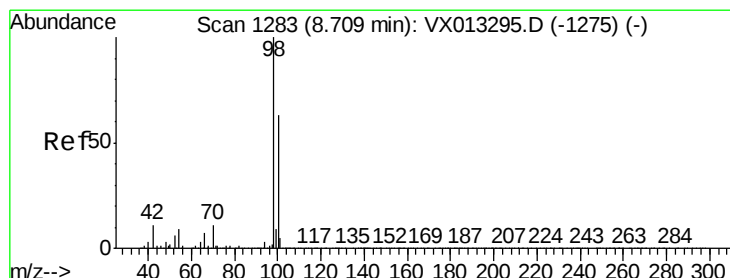
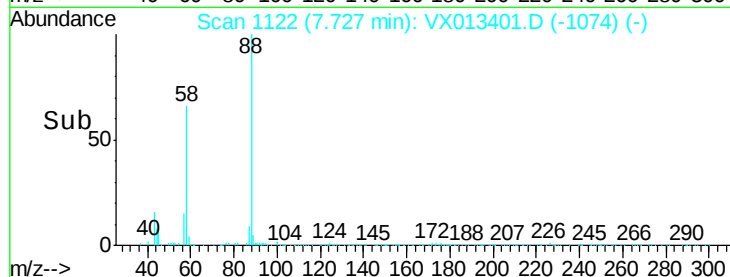
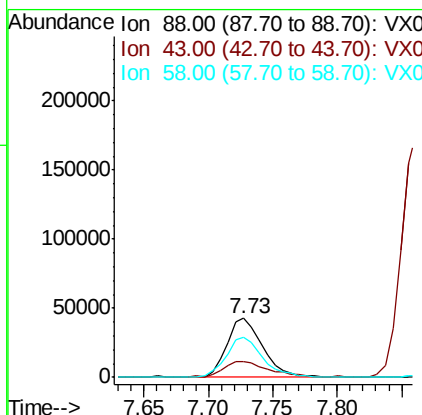
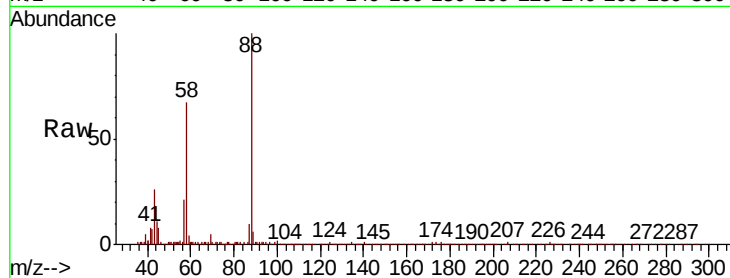
#49
1,4-Dioxane
Concen: 323.820 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	26.6	39.8
58	69.3	55.0	82.6

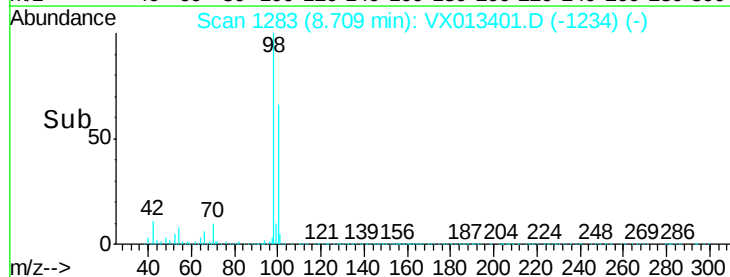
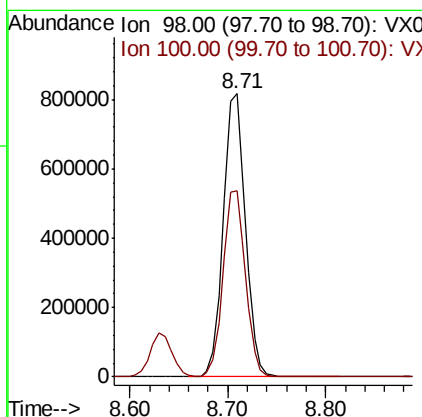
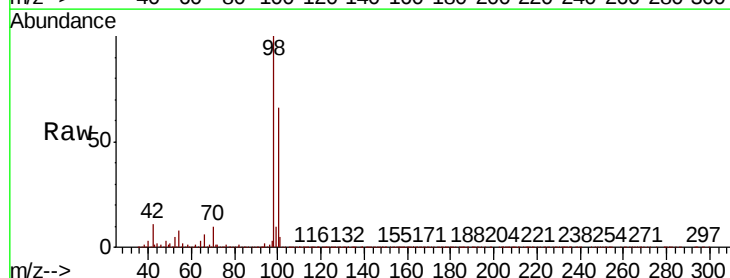
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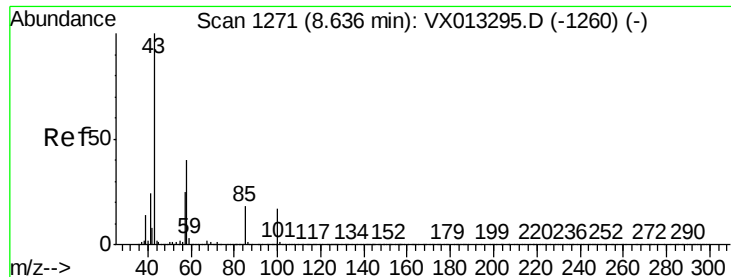
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#50
Toluene-d8
Concen: 40.253 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.2	78.2





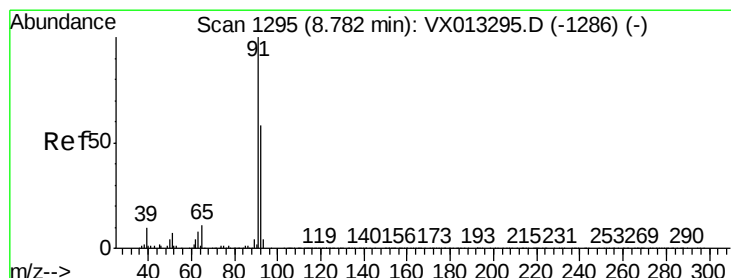
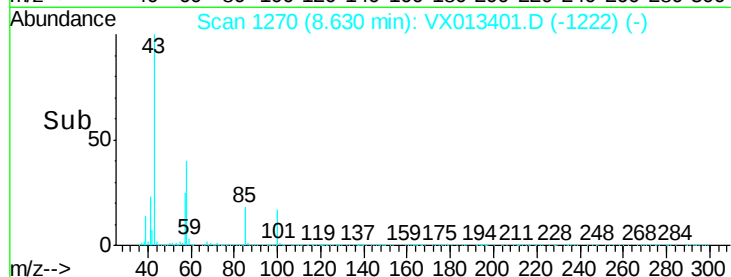
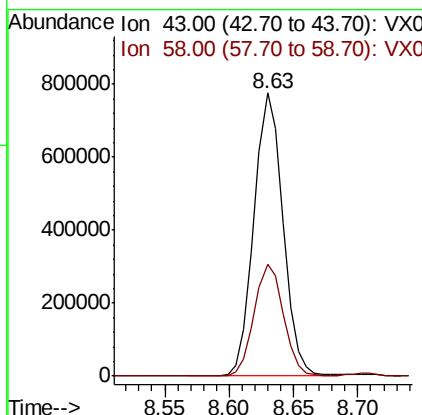
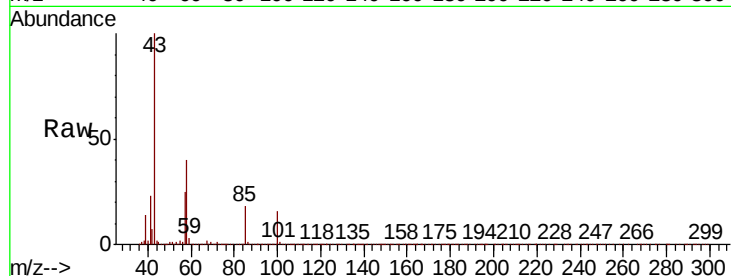
#51
4-Methyl-2-Pentanone
Concen: 82.620 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion: 43 Resp: 1203297
Ion Ratio Lower Upper
43 100
58 39.9 31.4 47.0

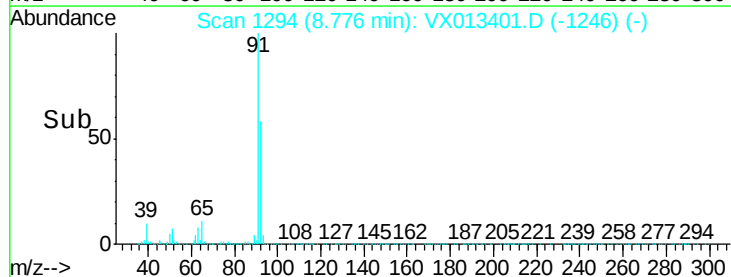
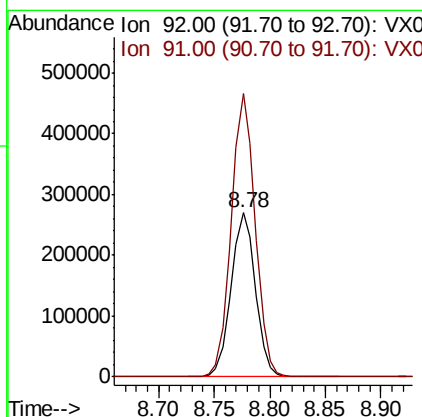
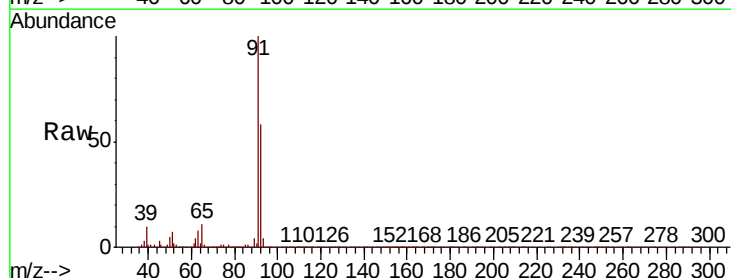
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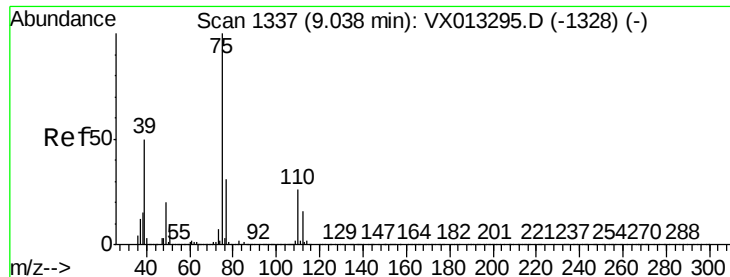
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#52
Toluene
Concen: 18.251 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion: 92 Resp: 406509
Ion Ratio Lower Upper
92 100
91 170.4 138.0 207.0





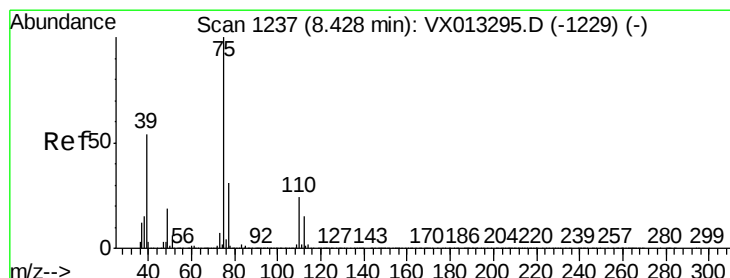
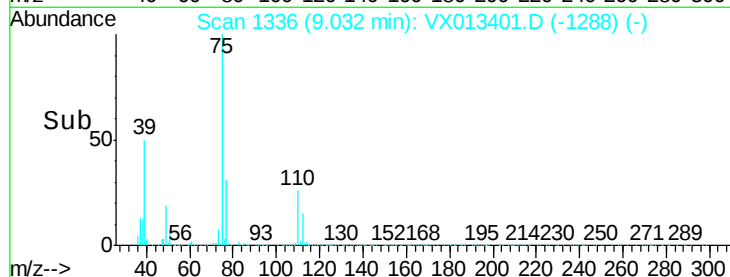
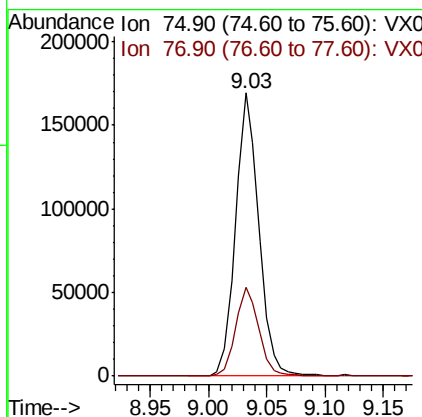
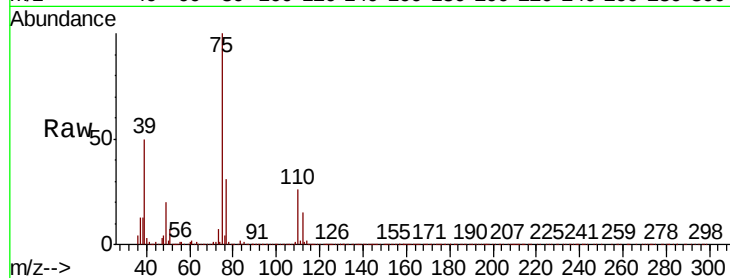
#53
t-1,3-Dichloropropene
Concen: 18.206 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4

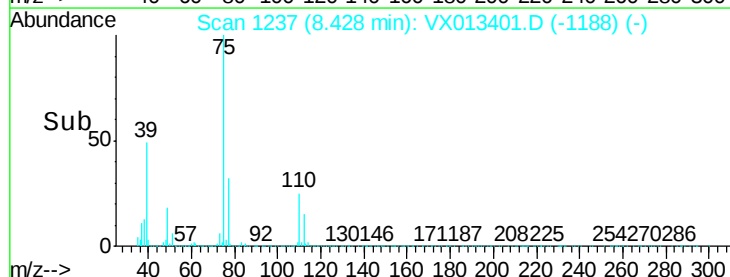
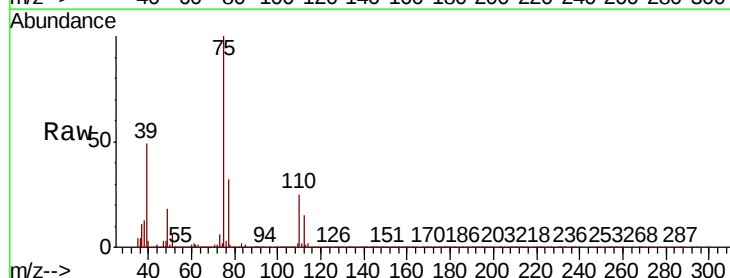
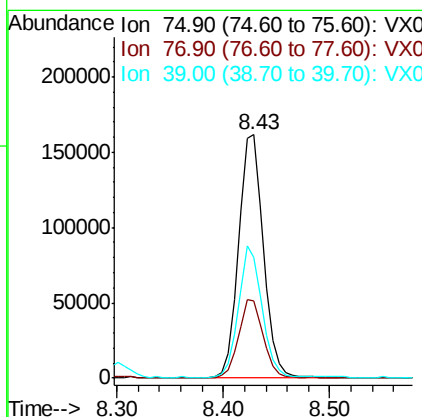
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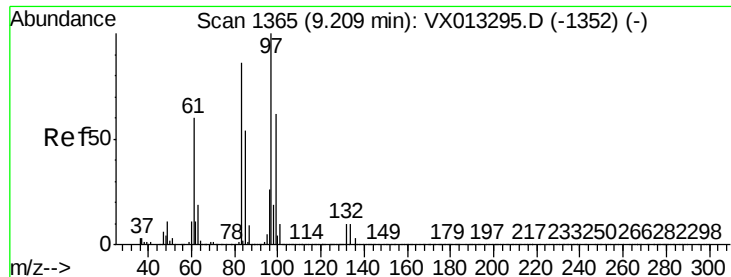
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#54
cis-1,3-Dichloropropene
Concen: 18.336 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.7	37.1
39	49.2	43.0	64.6





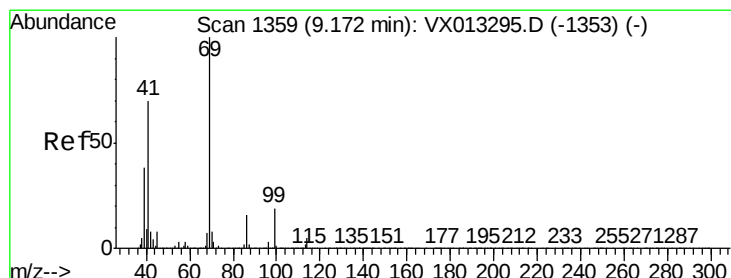
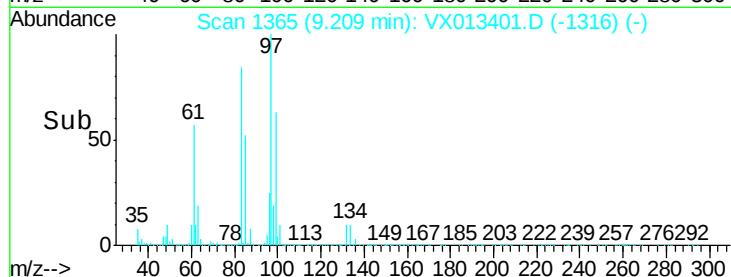
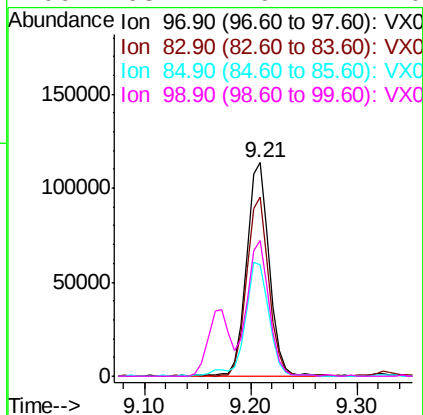
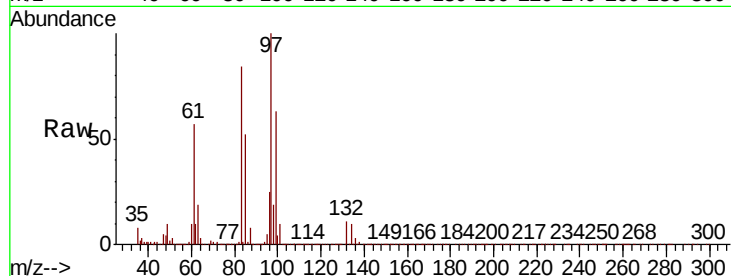
#55
1,1,2-Trichloroethane
Concen: 18.261 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		168590		
83	84.0	68.6	103.0		
85	52.4	43.1	64.7		
99	63.2	49.4	74.0		

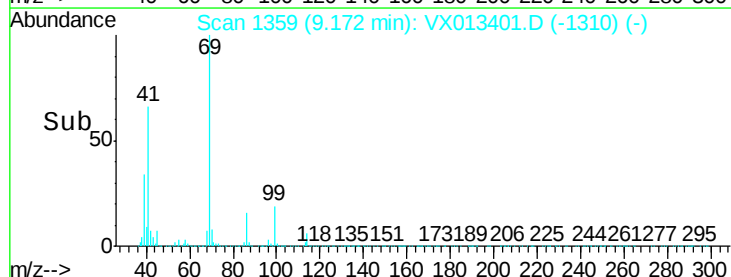
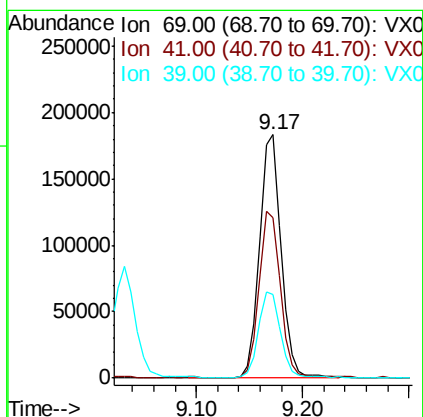
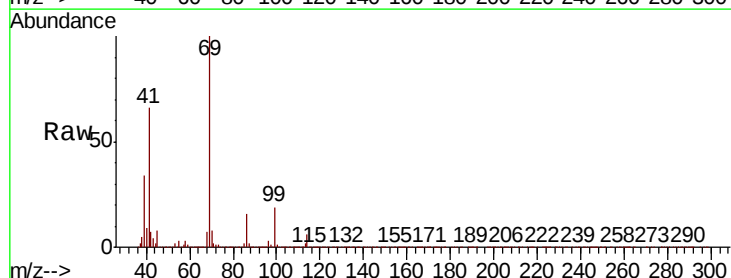
Manual Integrations
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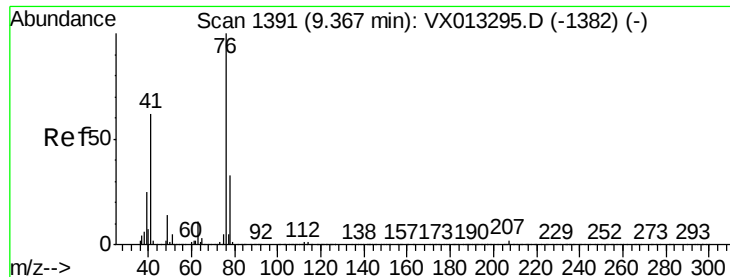
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#56
Ethyl methacrylate
Concen: 17.572 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		260466		
41	68.4	56.2	84.2		
39	36.5	31.1	46.7		





#57

1,3-Dichloropropane

Concen: 17.888 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS02

Tot Ion: 76 Resp: 280330

Ion Ratio Lower Upper

76 100

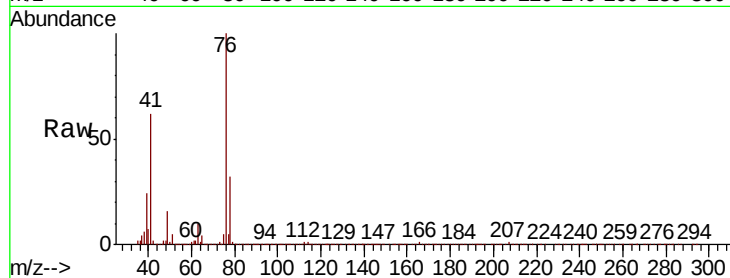
78 32.7 25.8 38.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

200000

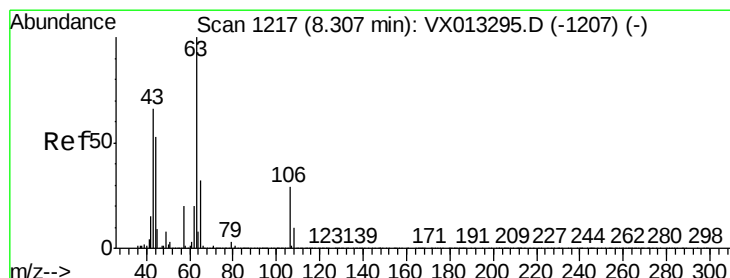
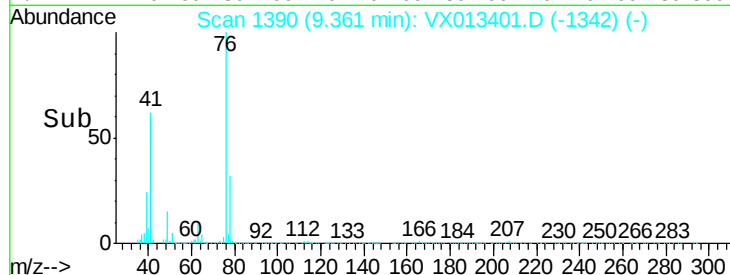
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 107.832 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013401.D

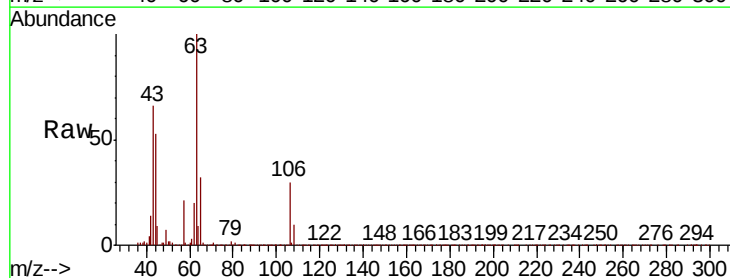
Acq: 13 Nov 2019 12:35

Tgt Ion: 63 Resp: 680684

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

500000

400000

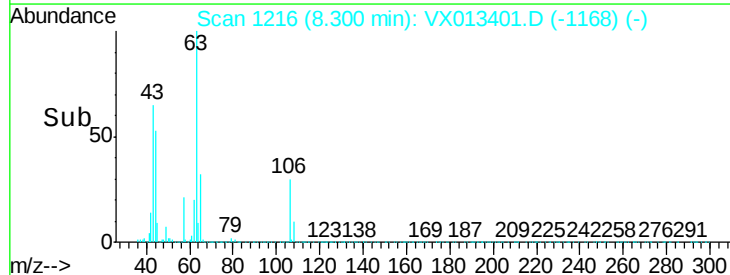
300000

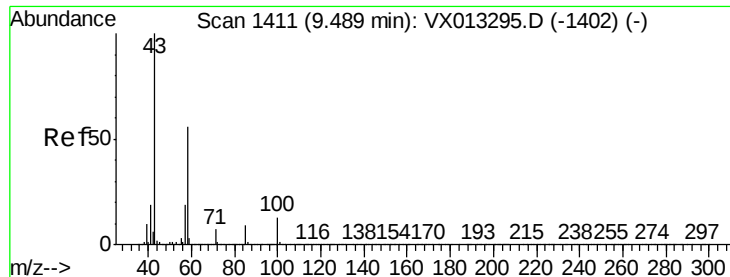
200000

100000

0

Time-->





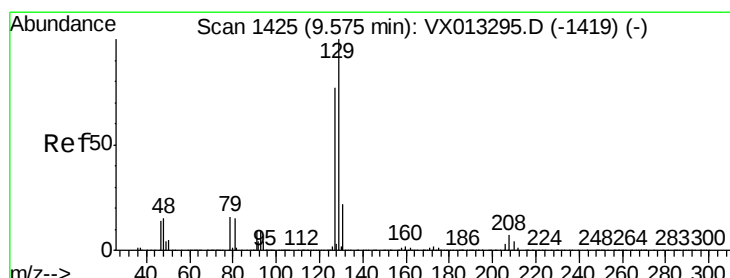
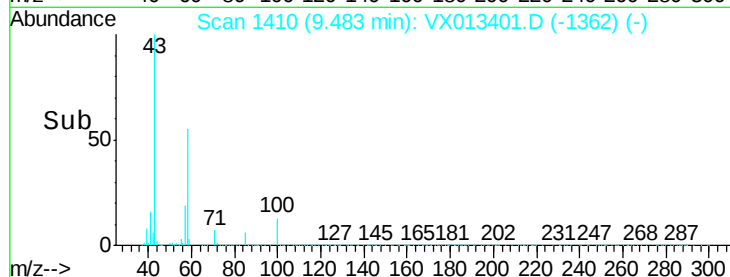
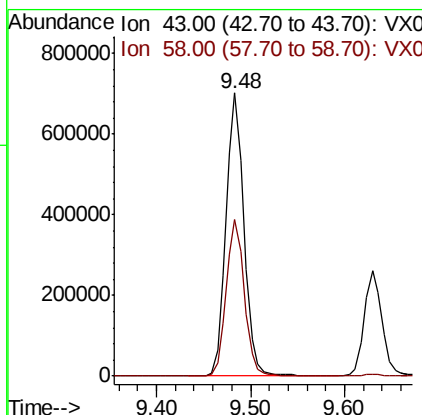
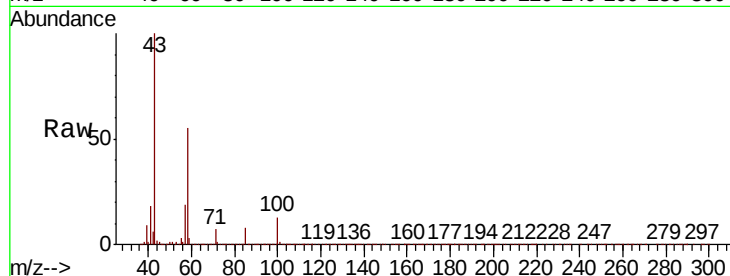
#59
2-Hexanone
Concen: 82.632 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.7	27.3	81.8

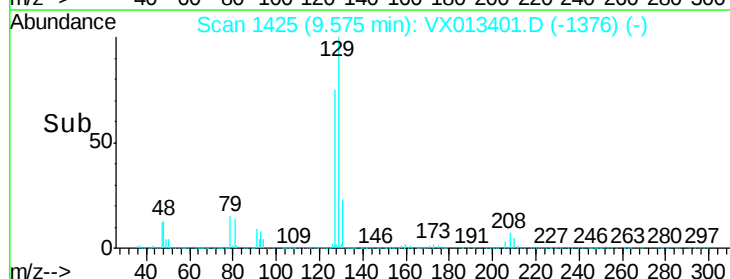
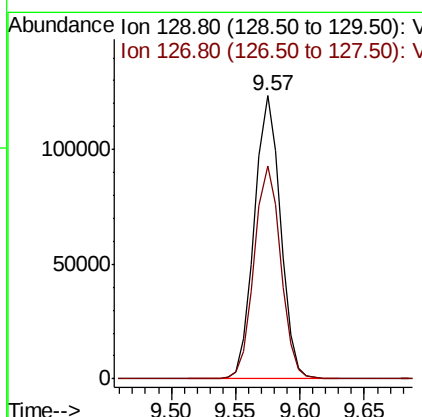
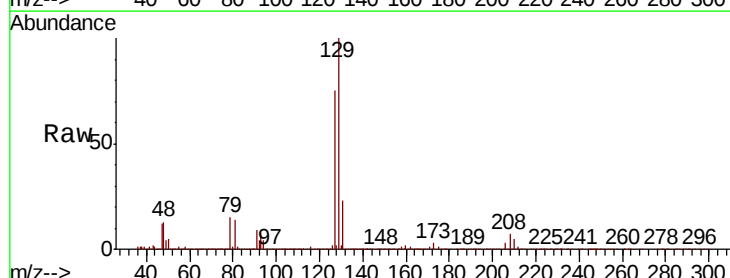
Manual Integrations
APPROVED

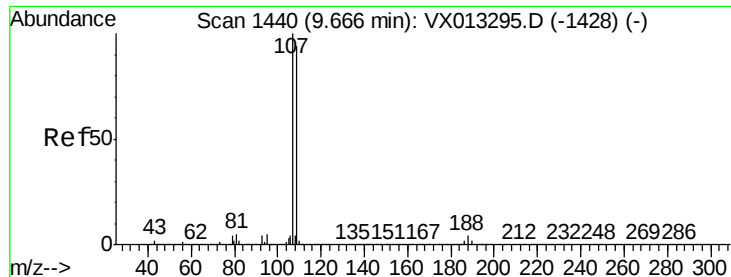
MMDadoda
11/14/2019 9:37:11 AM



#60
Dibromochloromethane
Concen: 18.309 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.0	39.1	117.2





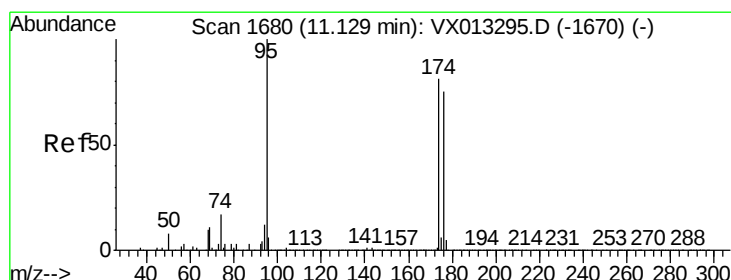
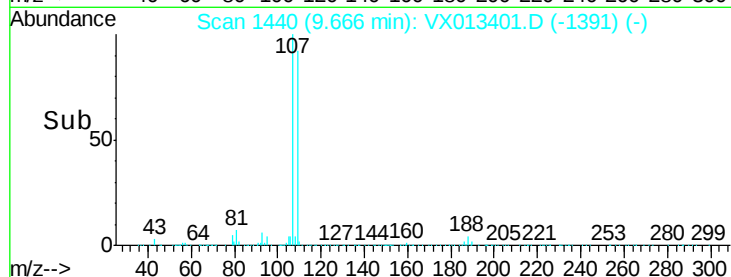
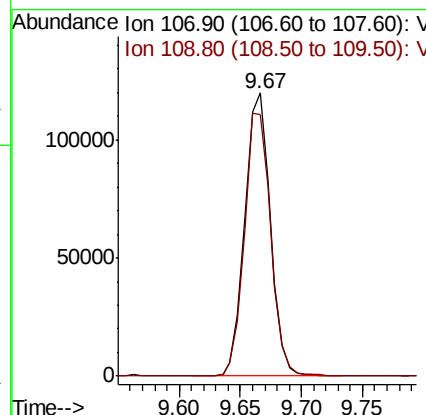
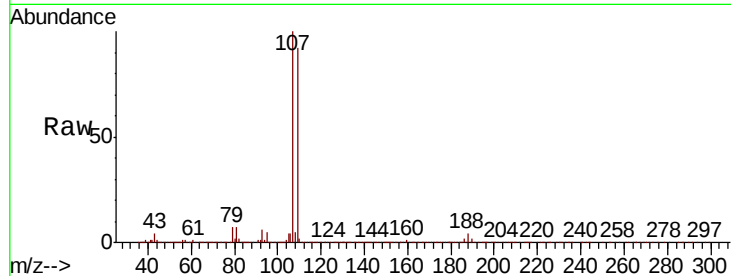
#61
 1,2-Dibromoethane
 Concen: 17.637 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013401.D
 Acq: 13 Nov 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.1	112.7

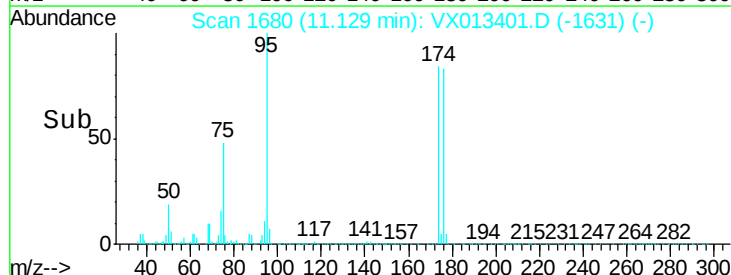
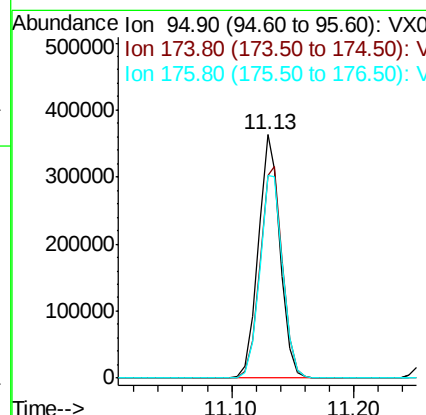
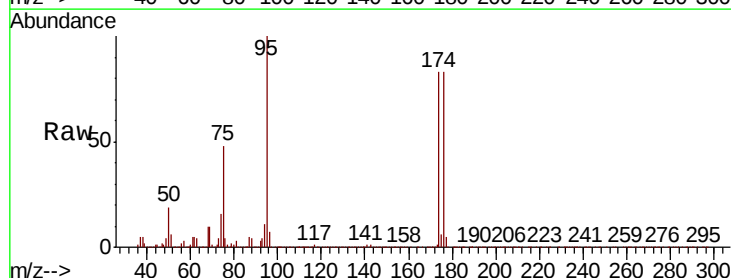
Manual Integrations
 APPROVED

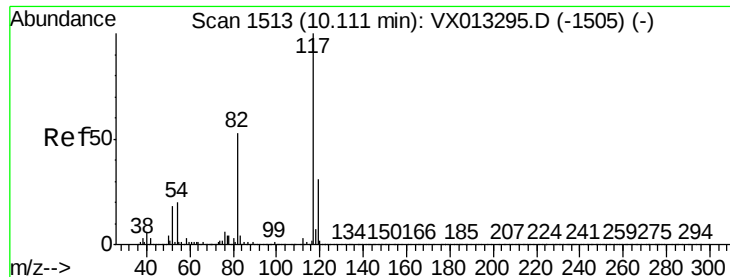
MMDadoda
 11/14/2019 9:37:11 AM



#62
 4-Bromofluorobenzene
 Concen: 39.426 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX013401.D
 Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	179.8
176	87.6	0.0	173.0





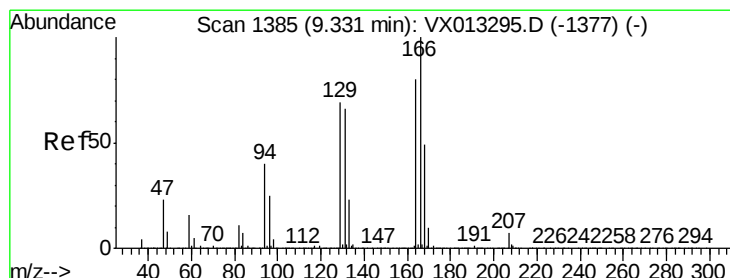
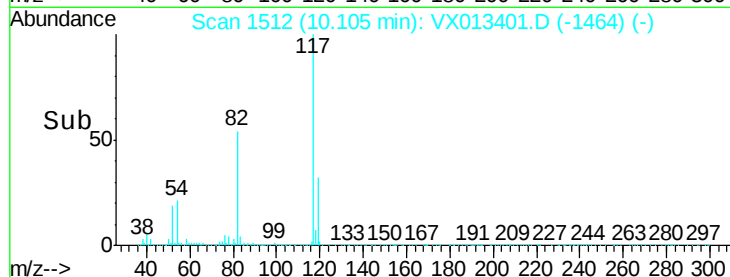
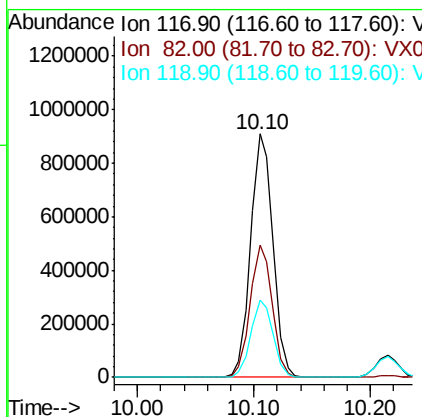
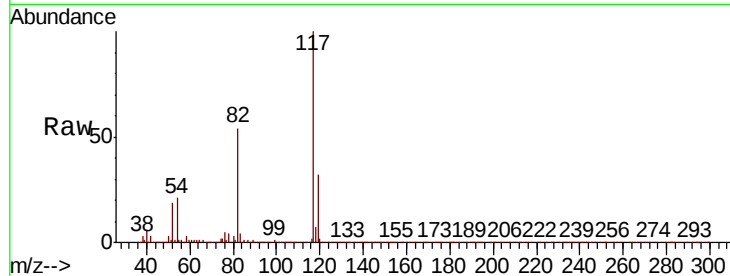
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.6	64.0
119	31.9	24.8	37.2

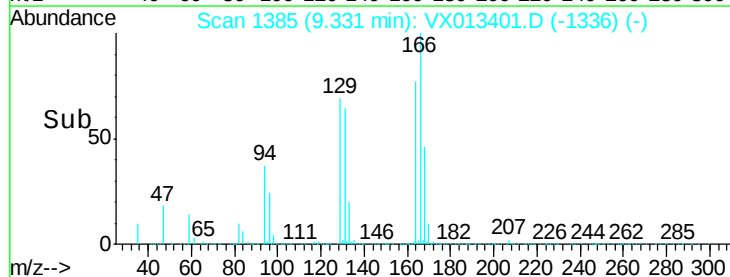
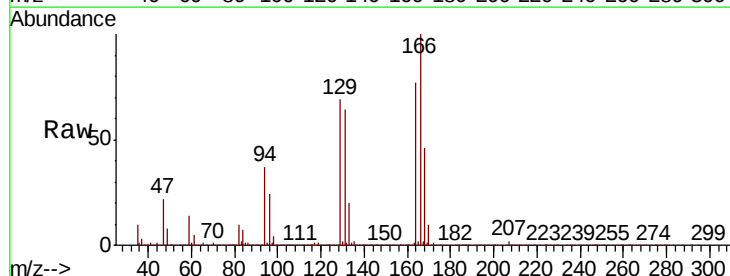
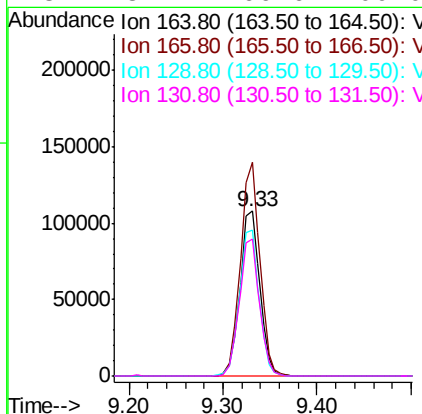
Manual Integrations
APPROVED

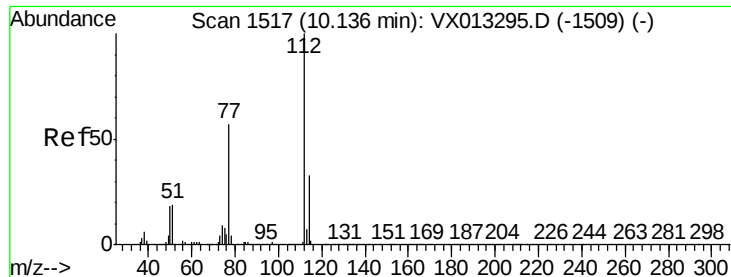
MMDadoda
11/14/2019 9:37:11 AM



#64
Tetrachloroethene
Concen: 18.233 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	100.4	150.6
129	88.7	69.4	104.2
131	82.7	66.6	100.0





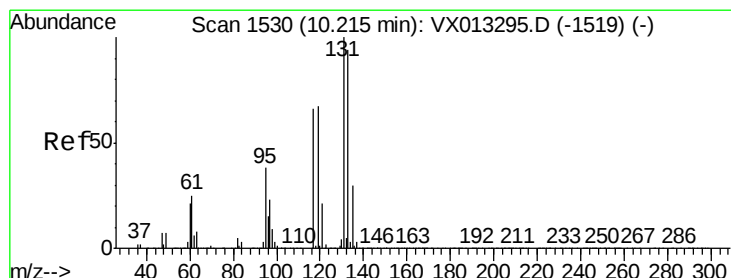
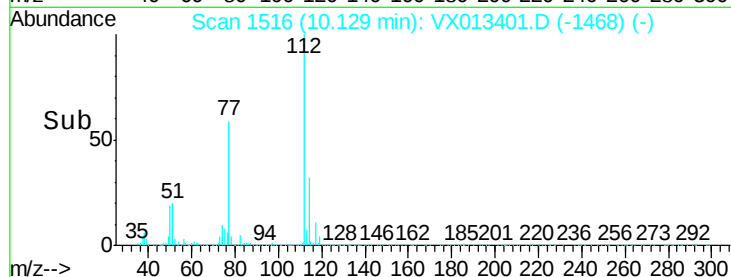
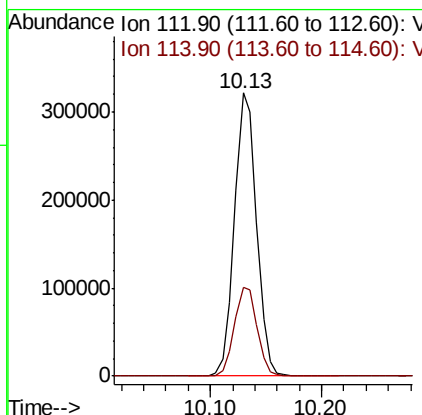
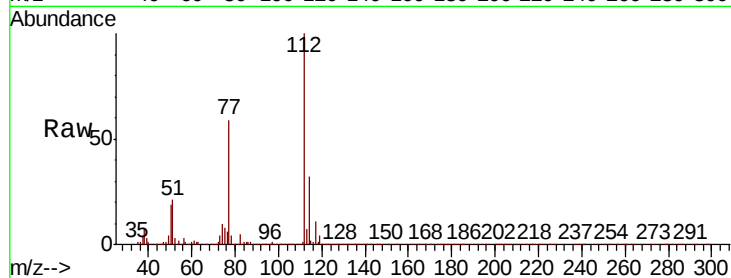
#65
Chlorobenzene
Concen: 17.799 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.4	39.6

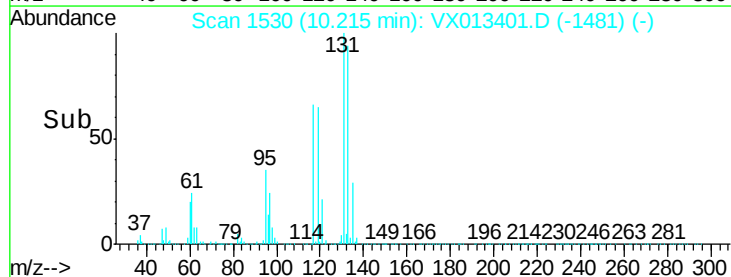
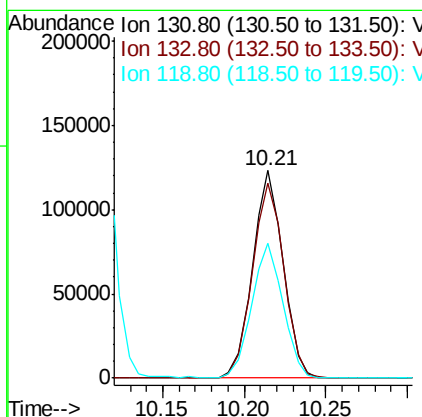
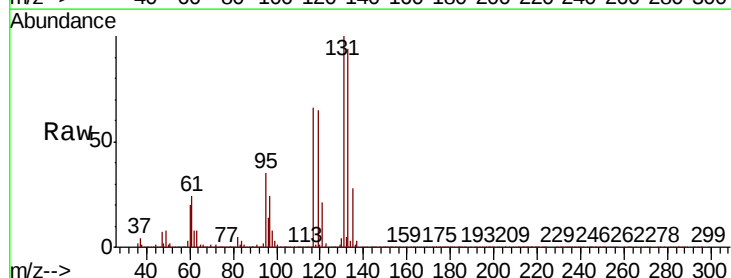
Manual Integrations
APPROVED

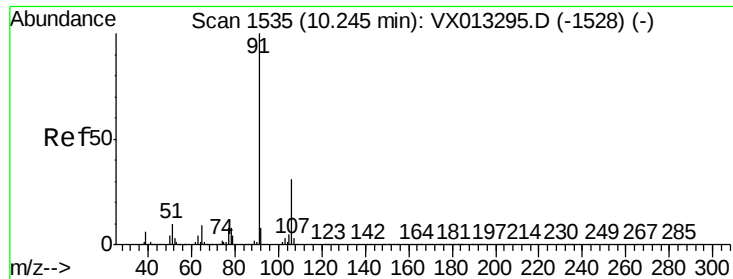
MMDadoda
11/14/2019 9:37:11 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.844 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	48.0	144.0
119	65.9	33.0	99.0





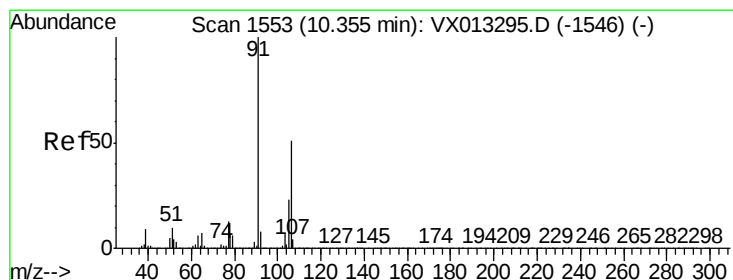
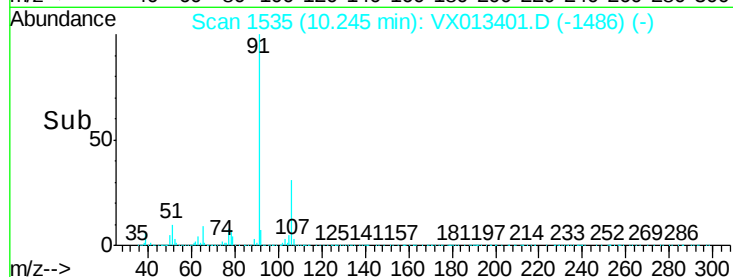
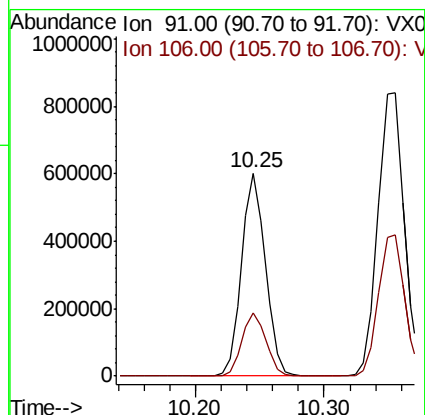
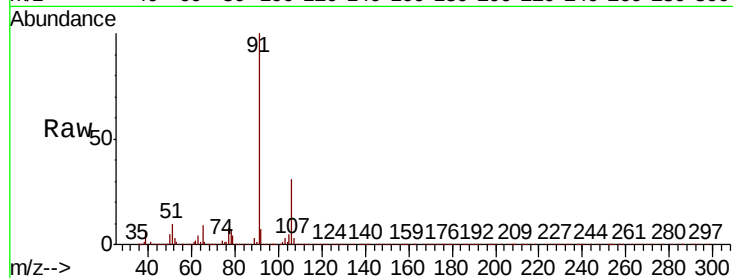
#67
Ethyl Benzene
Concen: 18.155 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion: 91 Resp: 771267
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8

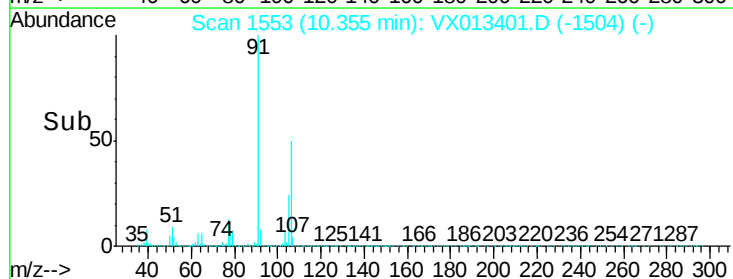
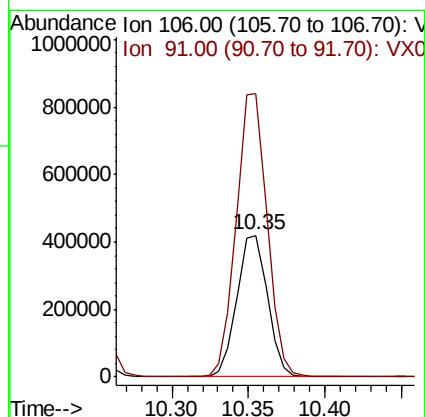
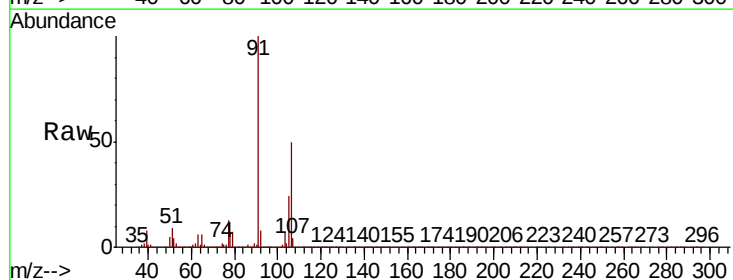
Manual Integrations
APPROVED

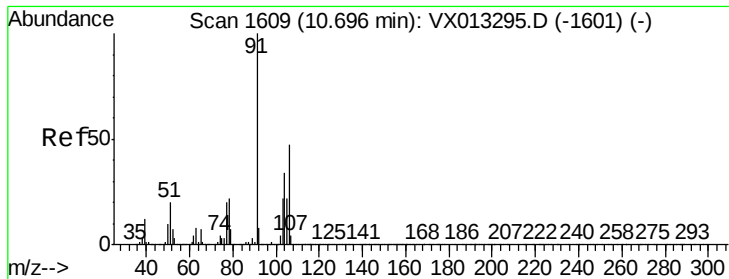
MMDadoda
11/14/2019 9:37:11 AM



#68
m/p-Xylenes
Concen: 36.504 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion: 106 Resp: 586498
Ion Ratio Lower Upper
106 100
91 201.1 159.3 238.9





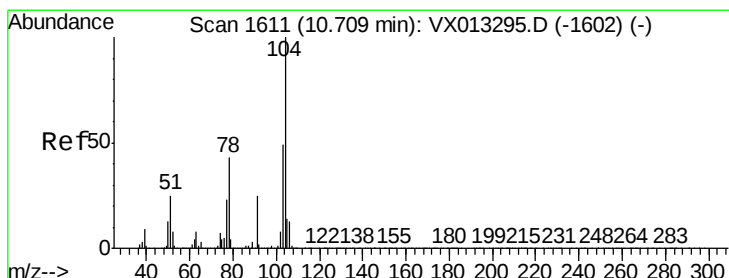
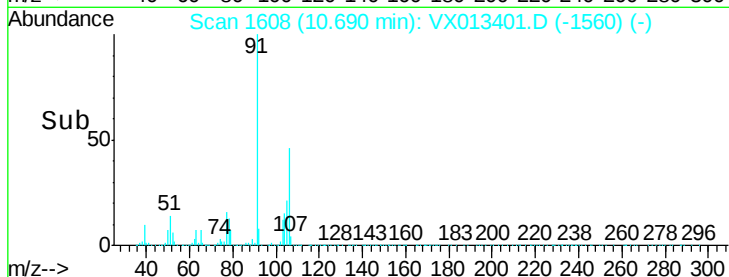
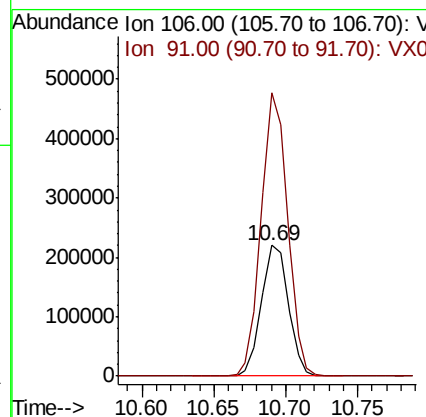
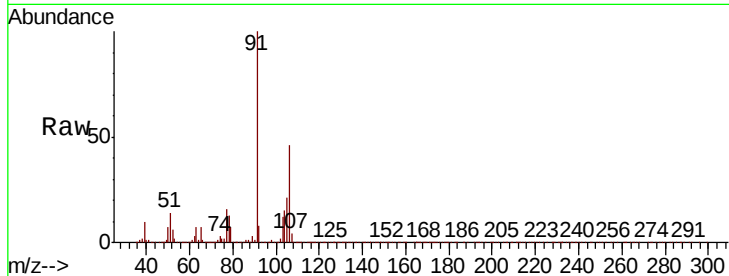
#69
o-Xylene
Concen: 18.160 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion:106 Resp: 285645
Ion Ratio Lower Upper
106 100
91 211.5 105.7 317.0

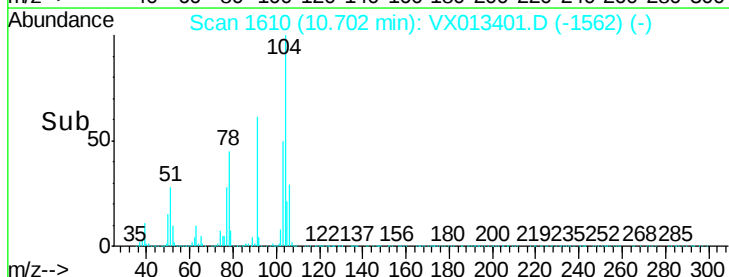
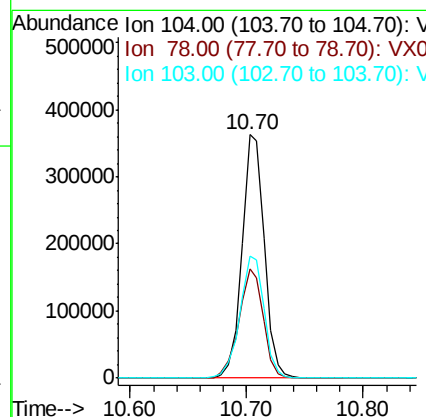
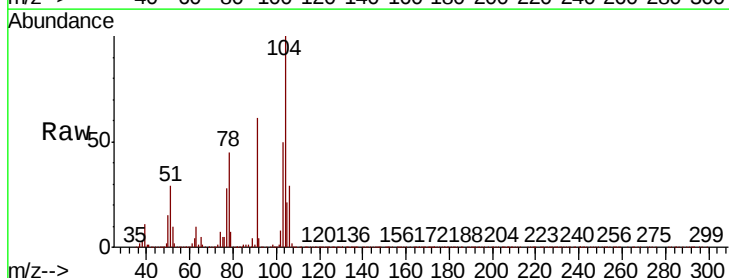
Manual Integrations
APPROVED

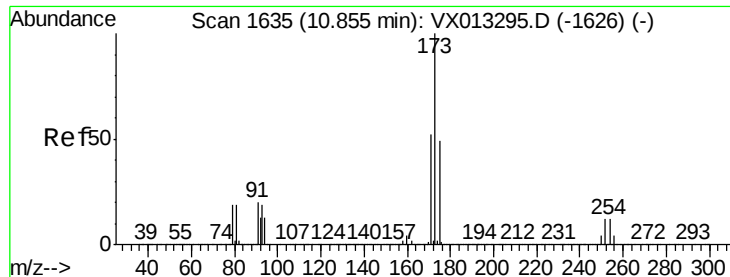
MMDadoda
11/14/2019 9:37:11 AM



#70
Styrene
Concen: 18.401 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion:104 Resp: 483835
Ion Ratio Lower Upper
104 100
78 48.6 40.0 60.0
103 54.8 44.1 66.1





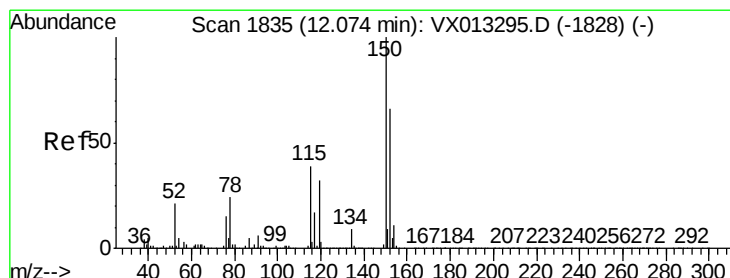
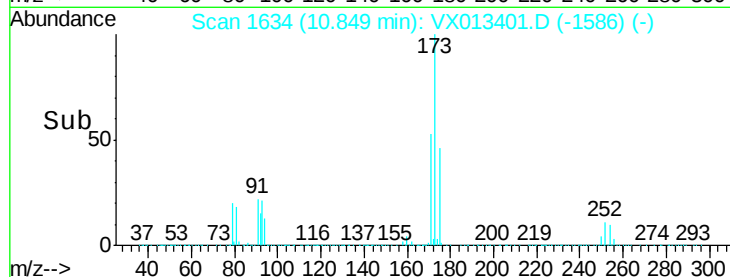
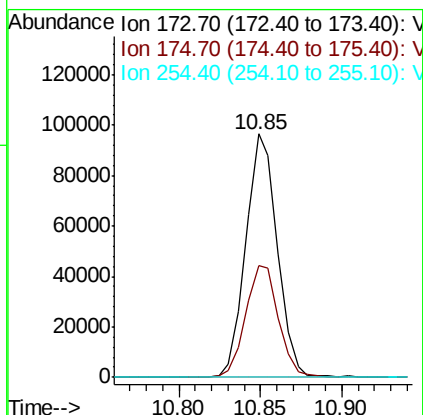
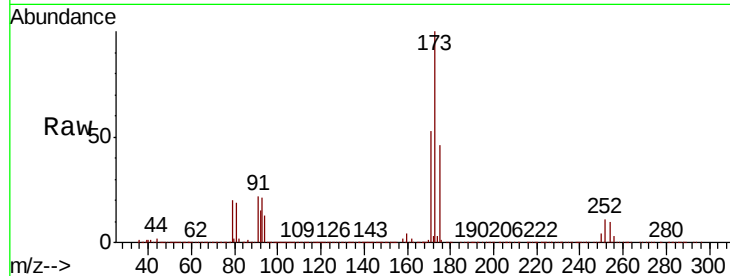
#71
Bromoform
Concen: 17.693 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.8	74.4
254	0.3	0.2	0.2#

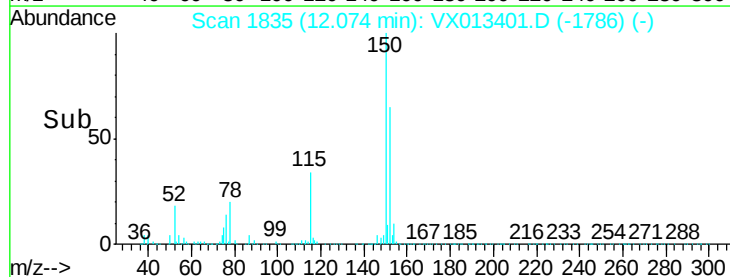
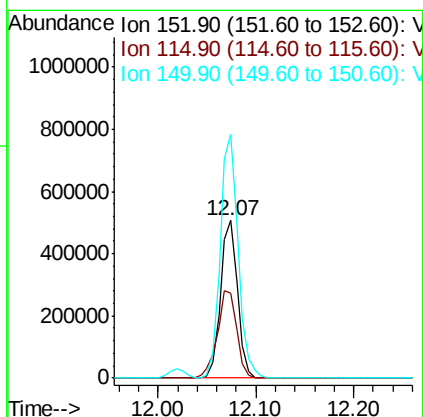
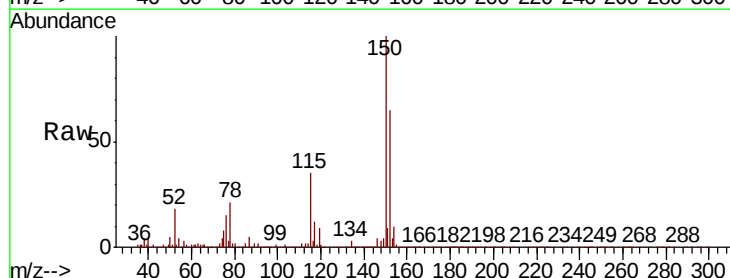
Manual Integrations
APPROVED

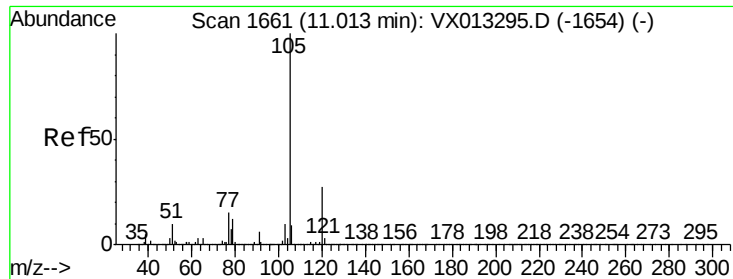
MMDadoda
11/14/2019 9:37:11 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.8	39.5	118.3
150	162.0	0.0	344.4





#73

Isopropylbenzene

Concen: 19.008 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBS02

Tot Ion:105 Resp: 767172

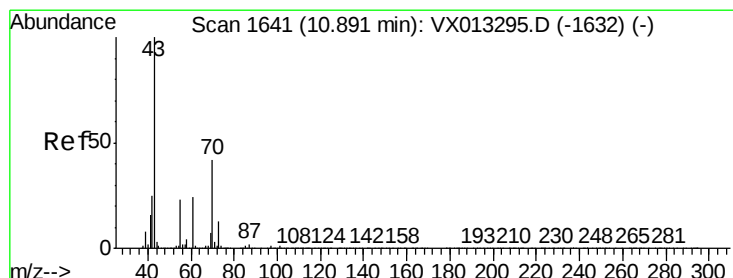
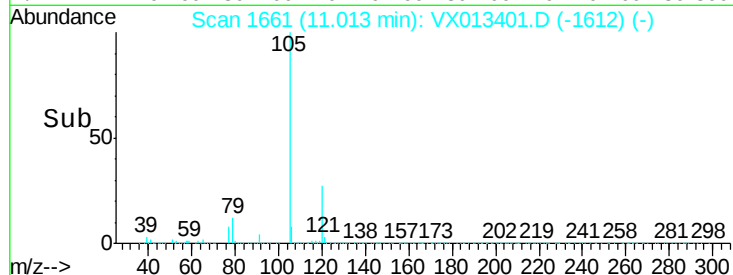
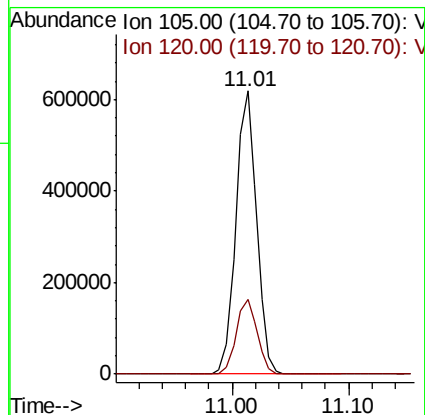
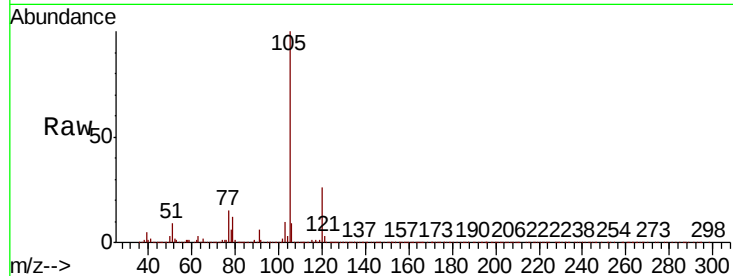
Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5

Manual Integrations
APPROVED

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11/14/2019 9:37:11 AM



#74

N-ethyl acetate

Concen: 17.857 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Tgt Ion: 43 Resp: 334209

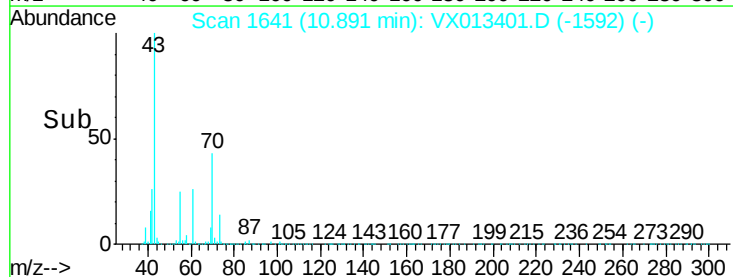
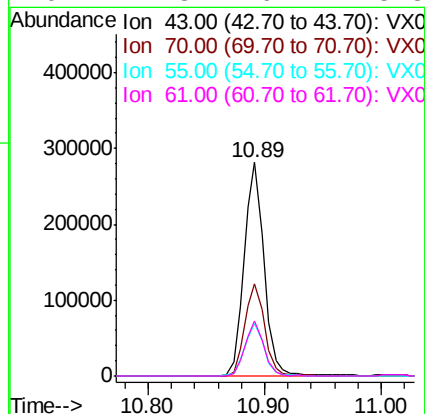
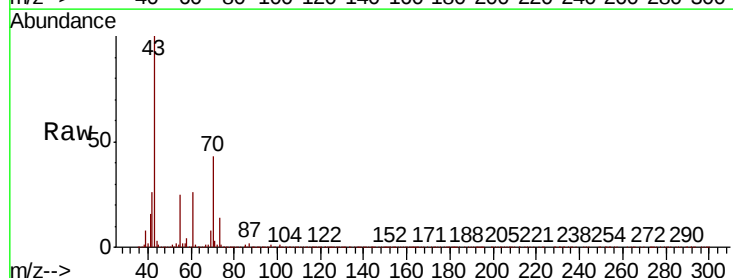
Ion Ratio Lower Upper

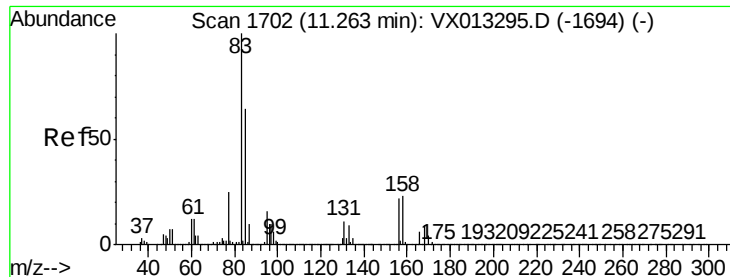
43 100

70 43.2 34.1 51.1

55 24.5 18.9 28.3

61 24.8 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 17.706 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

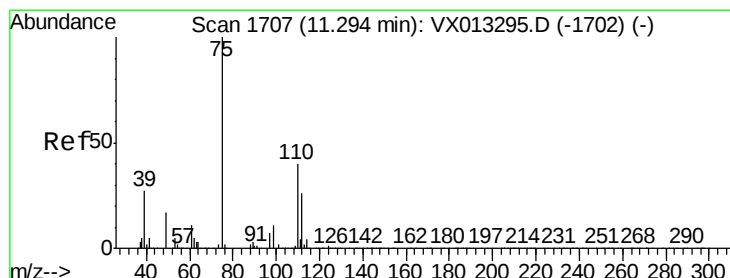
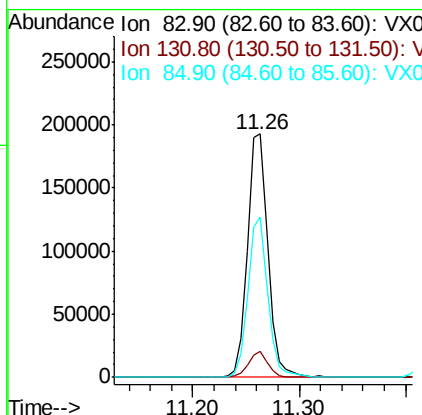
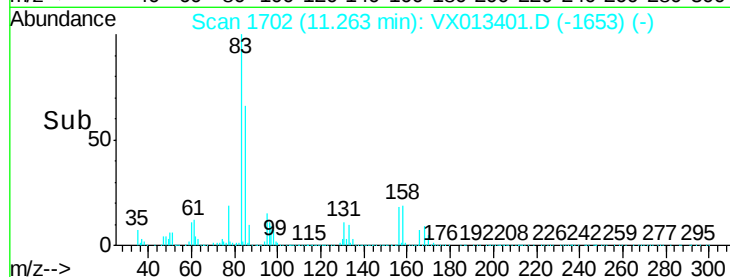
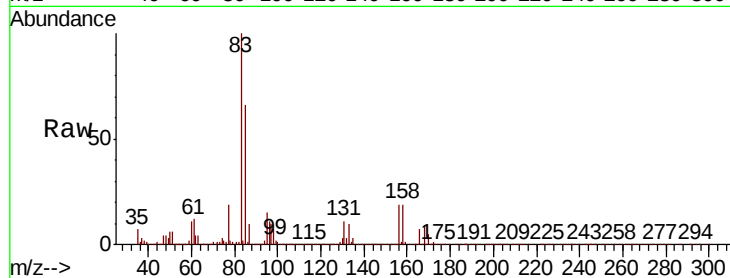
ClientSampleId :

VX1113WBS02

Tot Ion:	83	Resp:	260701
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	63.7	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.273 ug/l m

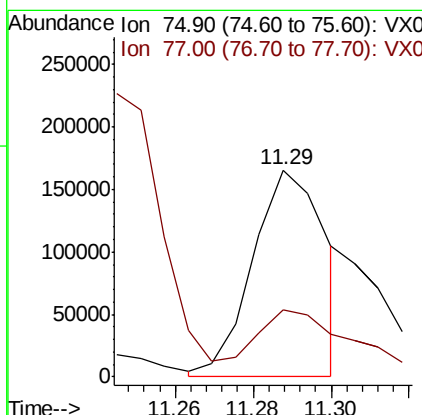
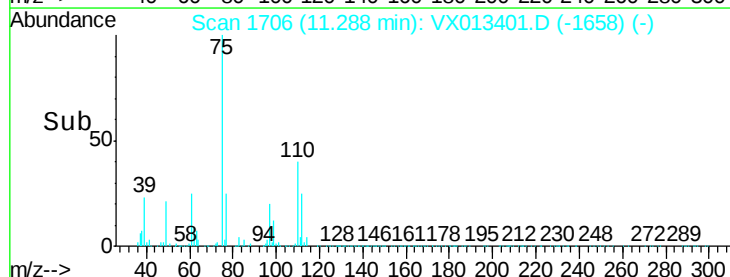
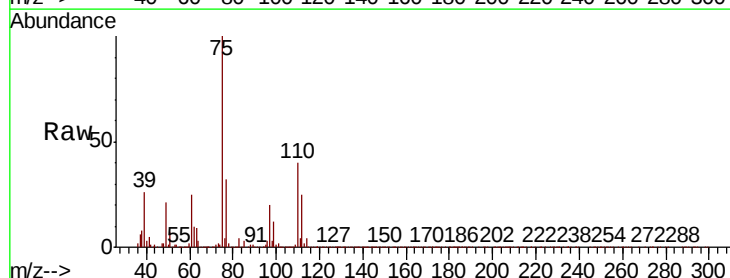
RT: 11.29 min Scan# 1706

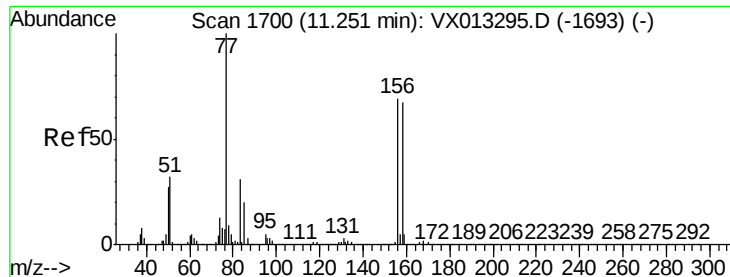
Delta R.T. -0.01 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Tgt Ion:	75	Resp:	213566
Ion Ratio	Lower	Upper	
75	100		
77	44.0	22.3	66.8





#77

Bromobenzene

Concen: 18.384 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

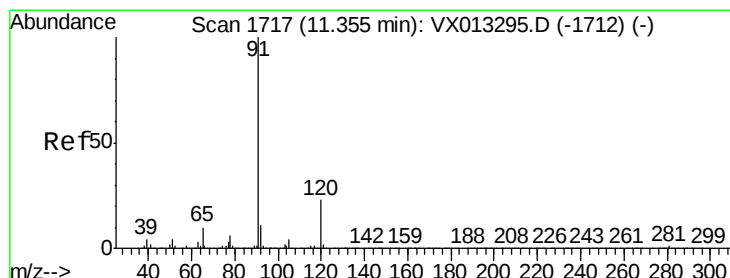
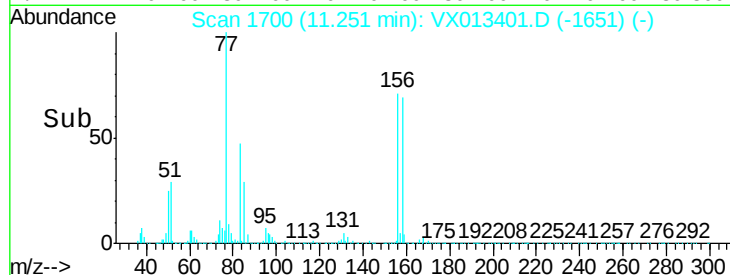
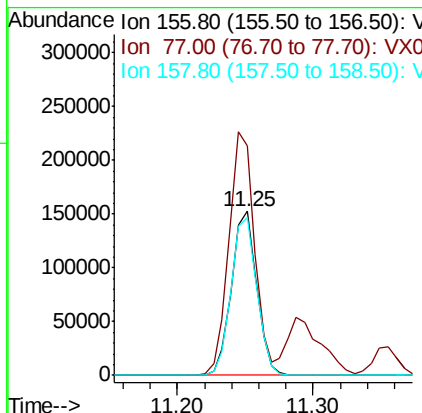
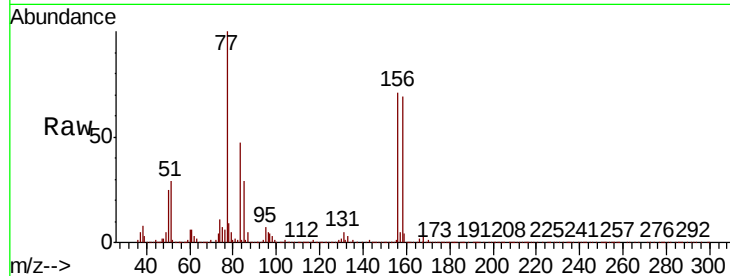
ClientSampleId :

VX1113WBS02

Tot Ion:	156	Resp:	197796
Ion Ratio	Lower	Upper	
156	100		
77	149.6	75.8	227.4
158	98.0	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.356 ug/l

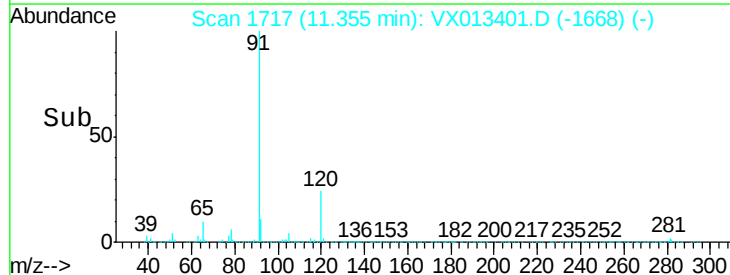
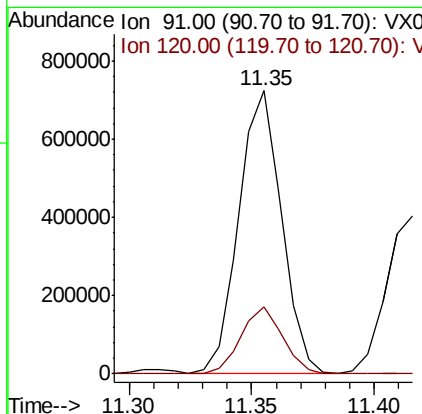
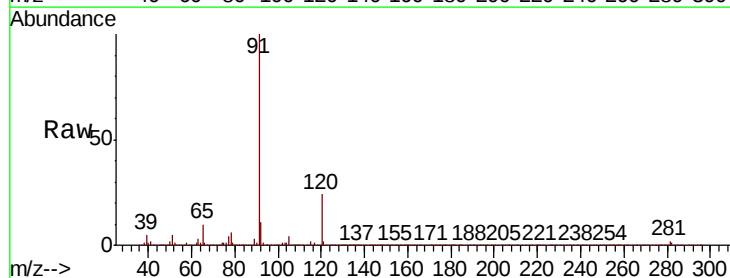
RT: 11.35 min Scan# 1717

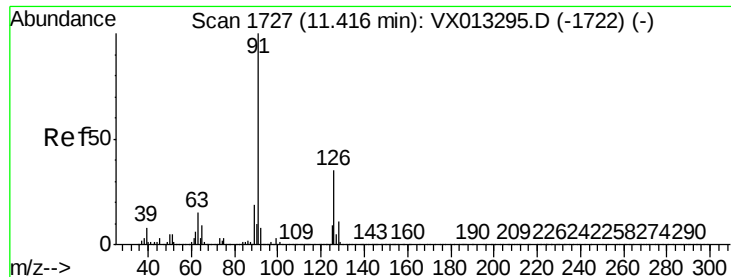
Delta R.T. -0.00 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Tgt Ion:	91	Resp:	870198
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.6	34.8





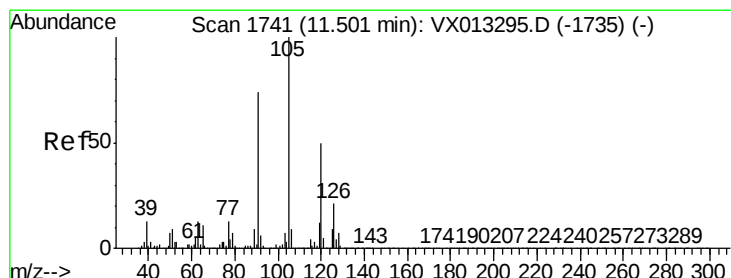
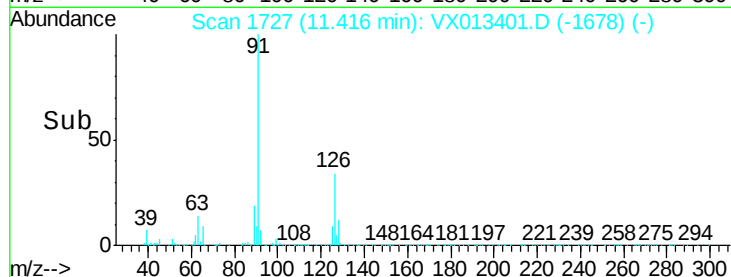
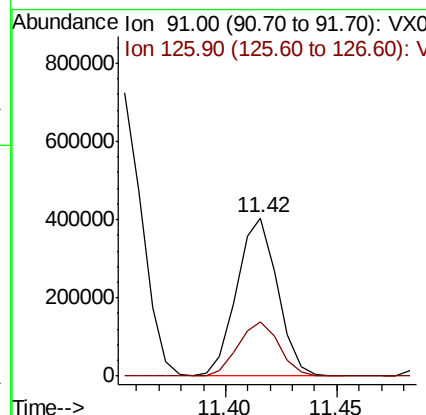
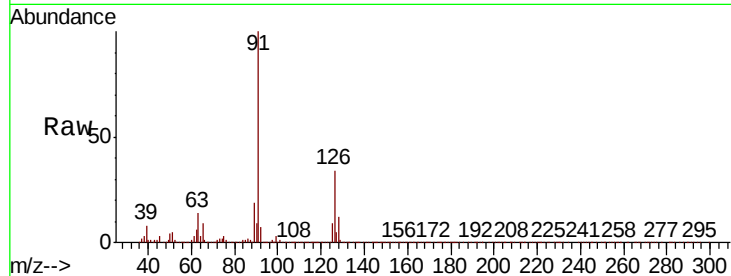
#79
2-Chlorotoluene
Concen: 18.888 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion: 91 Resp: 511637
Ion Ratio Lower Upper
91 100
126 34.8 17.3 52.0

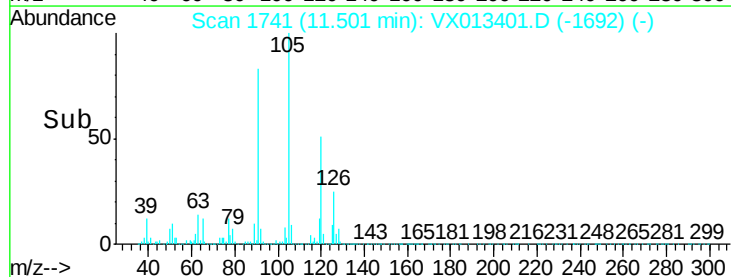
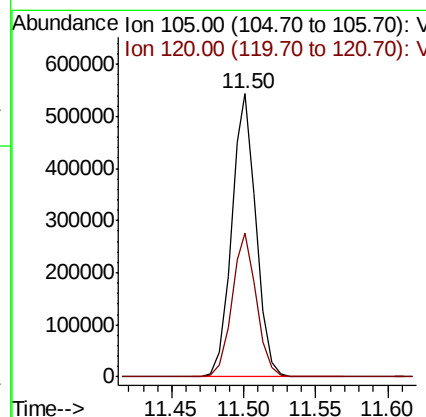
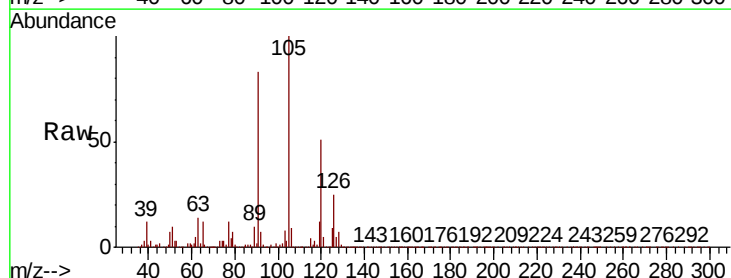
Manual Integrations
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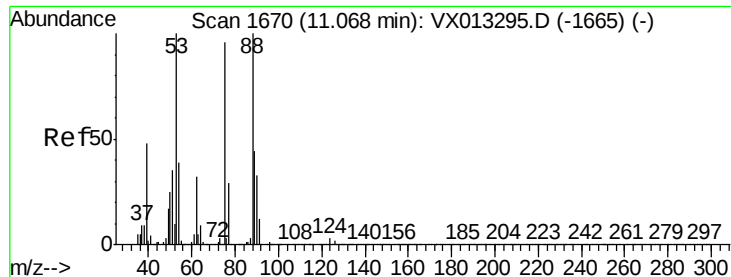
MMDadoda
11/14/2019 9:37:11 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.064 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion: 105 Resp: 640884
Ion Ratio Lower Upper
105 100
120 51.0 24.9 74.8





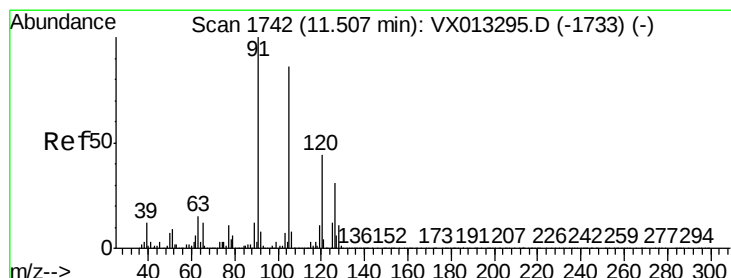
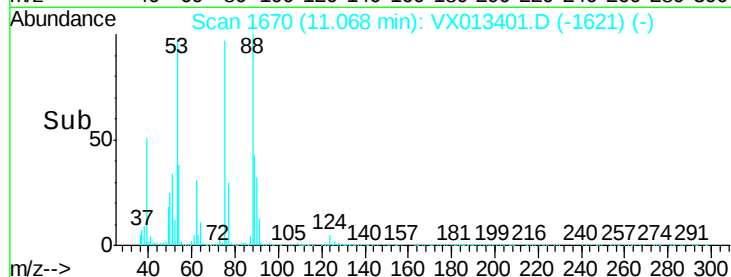
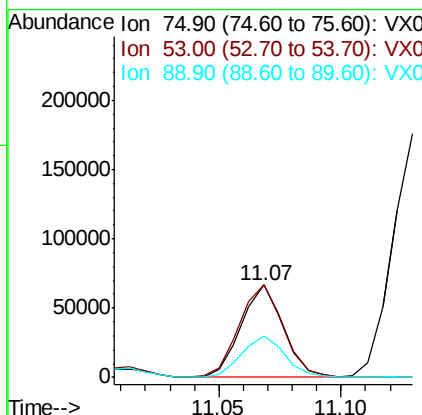
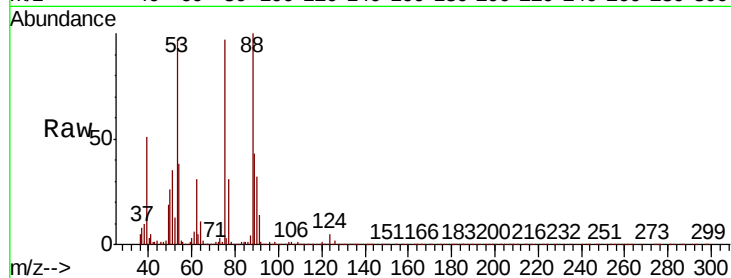
#81
trans-1,4-Dichloro-2-butene
Concen: 16.553 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.8	81.0	121.6
89	47.8	36.0	54.0

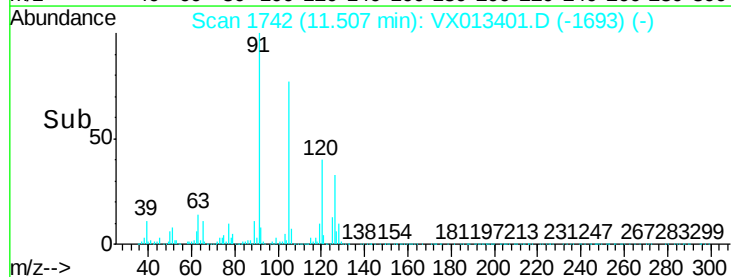
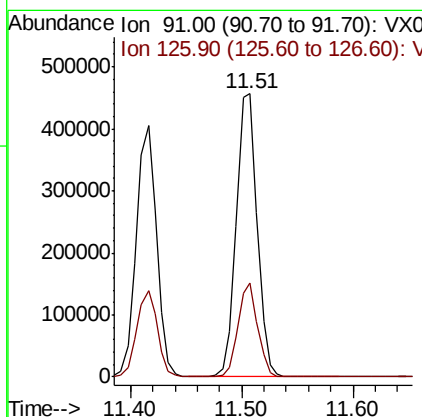
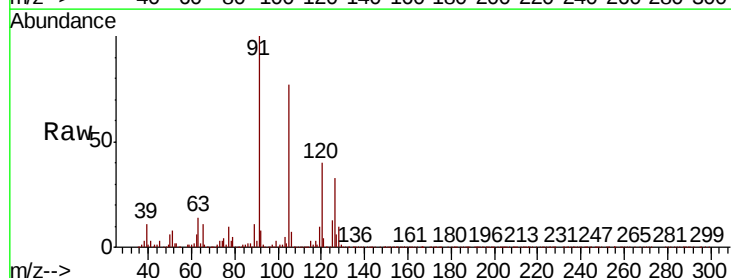
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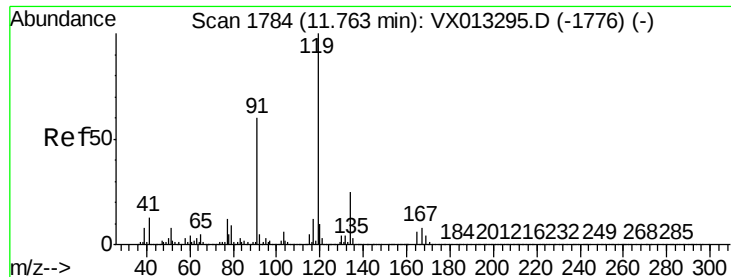
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11/14/2019 9:37:11 AM



#82
4-Chlorotoluene
Concen: 18.658 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.3	45.8





#83

tert-Butylbenzene

Concen: 18.925 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Instrument :

MSVOA_X

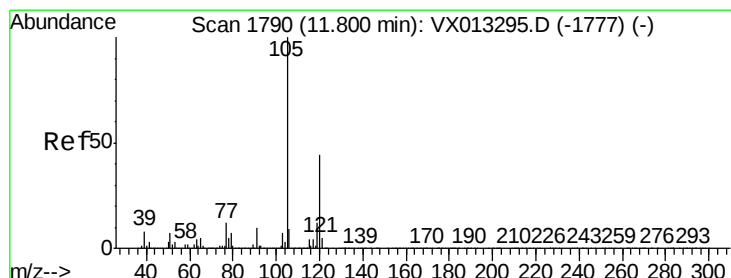
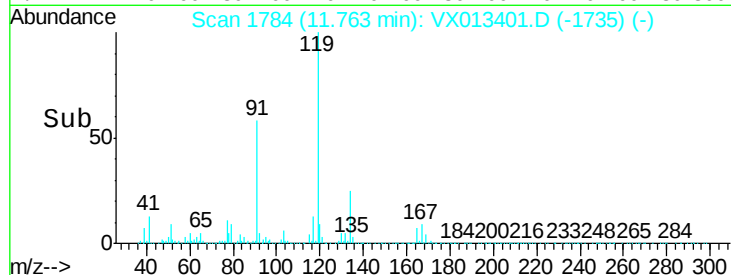
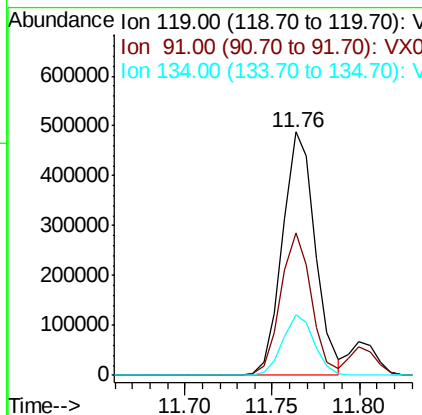
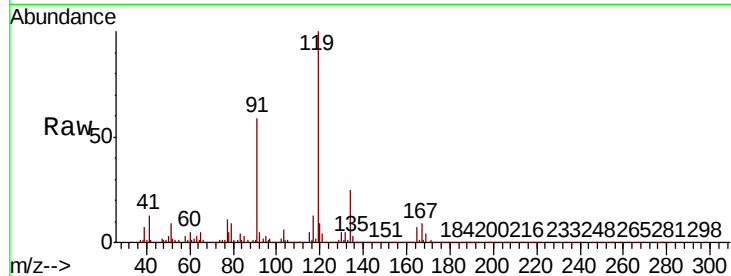
ClientSampleId :

VX1113WBS02

Tot Ion:	119	Resp:	640454
Ion Ratio	Lower	Upper	
119	100		
91	54.7	26.9	80.7
134	23.9	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.097 ug/l

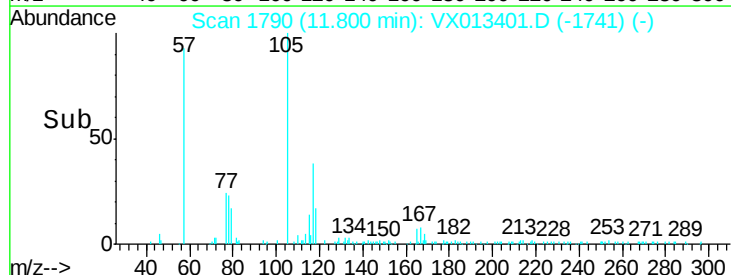
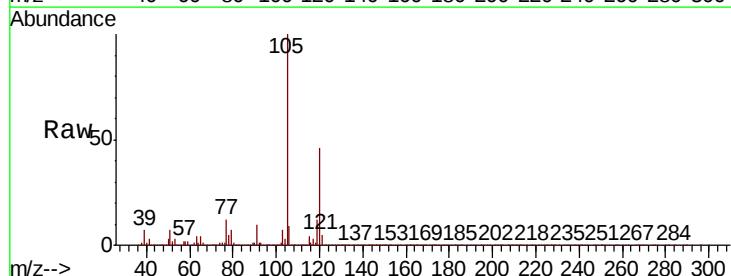
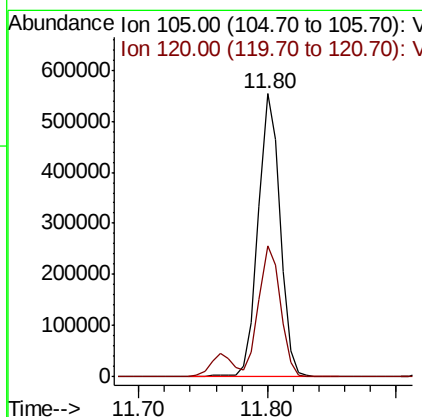
RT: 11.80 min Scan# 1790

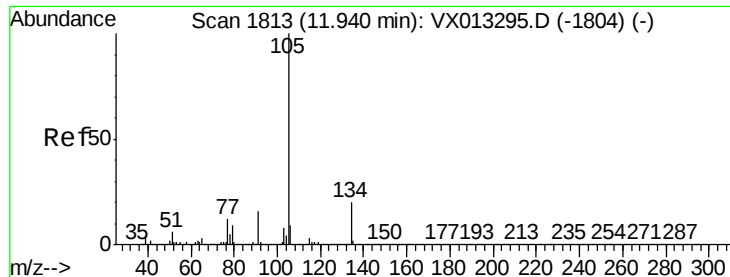
Delta R.T. -0.00 min

Lab File: VX013401.D

Acq: 13 Nov 2019 12:35

Tgt Ion:	105	Resp:	644024
Ion Ratio	Lower	Upper	
105	100		
120	46.2	22.7	68.1





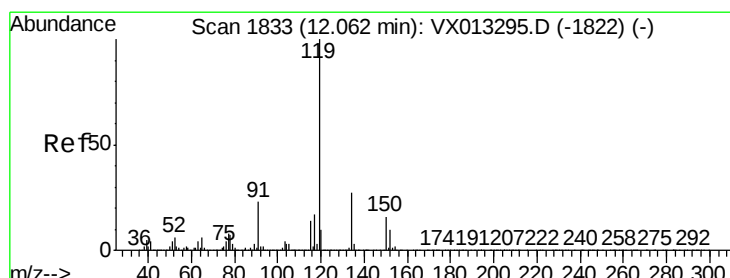
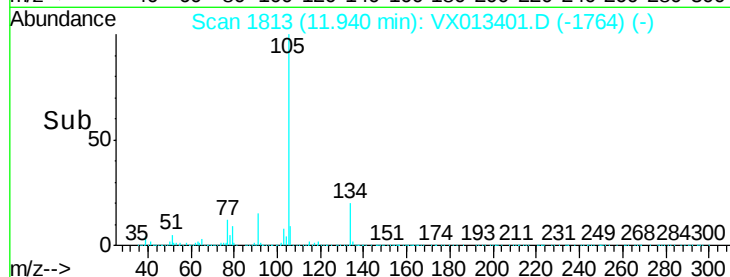
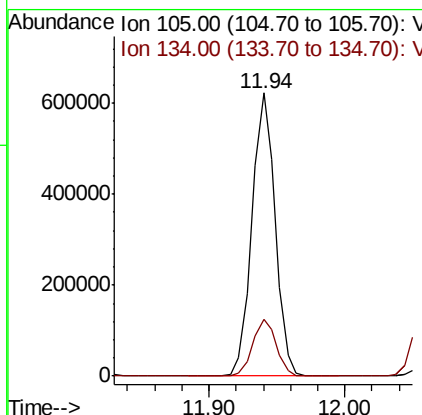
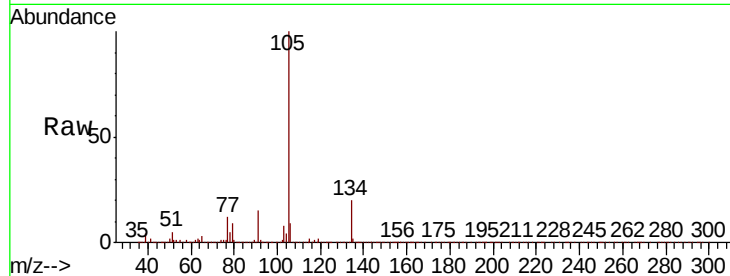
#85
 sec-Butylbenzene
 Concen: 19.196 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013401.D
 Acq: 13 Nov 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.3	30.9

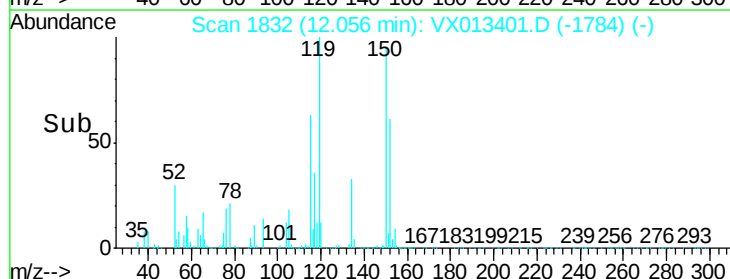
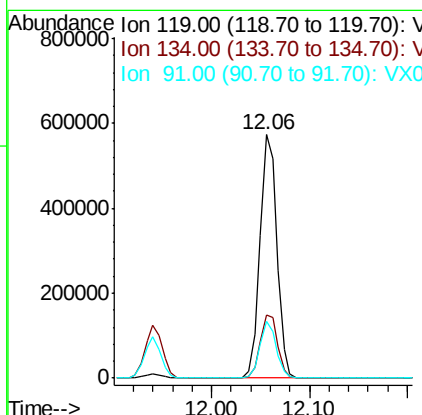
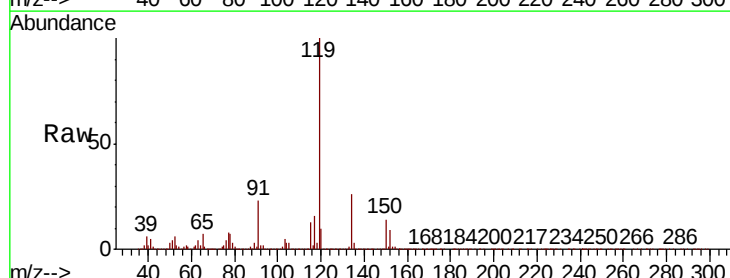
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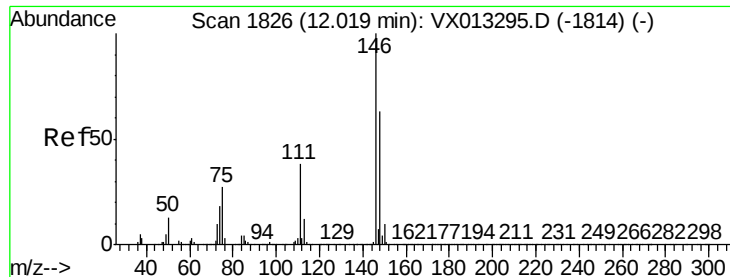
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#86
 p-Isopropyltoluene
 Concen: 19.301 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX013401.D
 Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.3	39.8
91	22.4	11.5	34.4





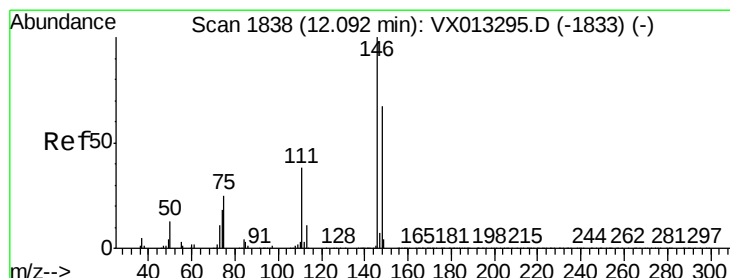
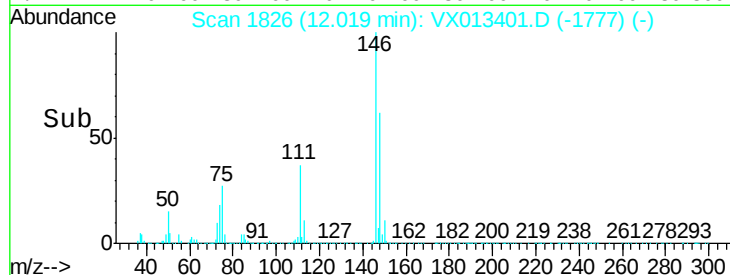
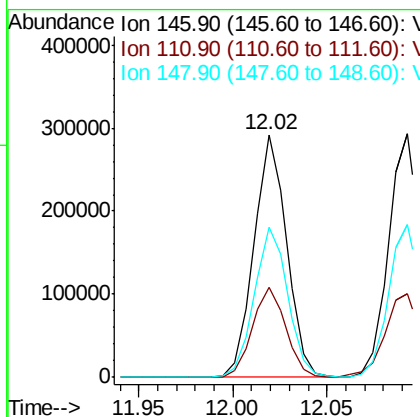
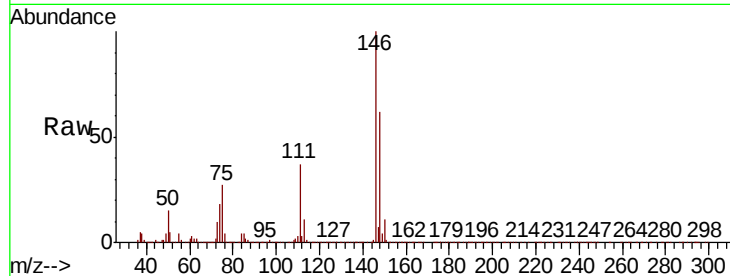
#87
 1,3-Dichlorobenzene
 Concen: 18.368 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013401.D
 Acq: 13 Nov 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	63.0	31.9	95.7

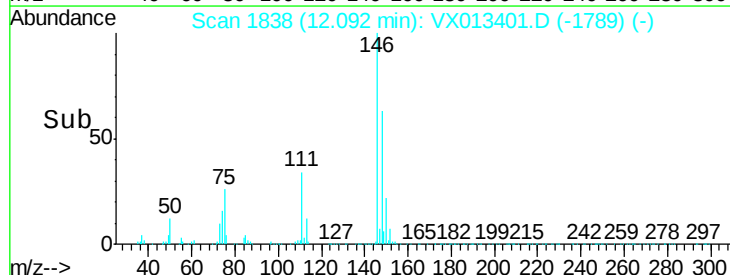
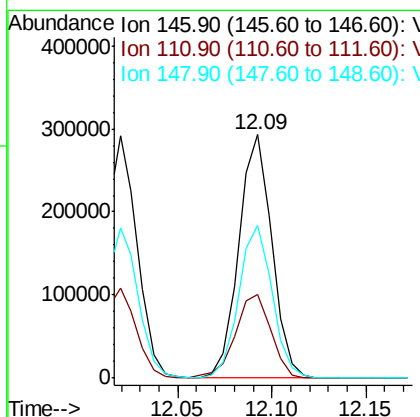
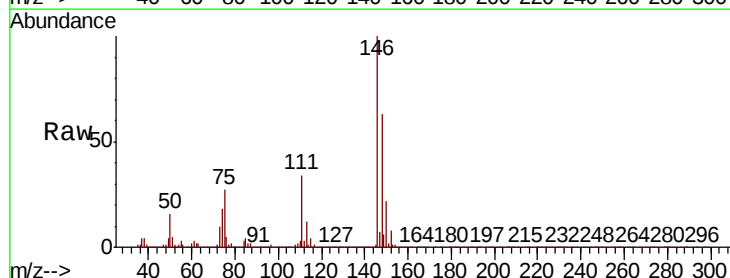
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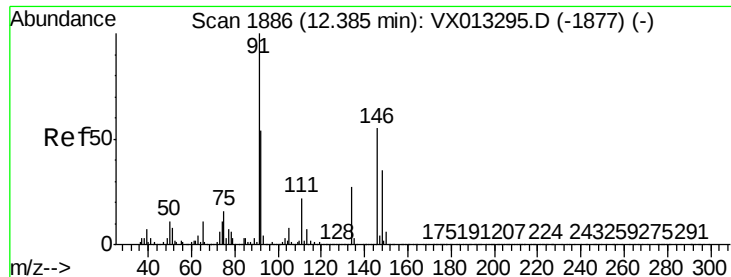
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 11/14/2019 9:37:11 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.181 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013401.D
 Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.4
148	63.8	32.4	97.0





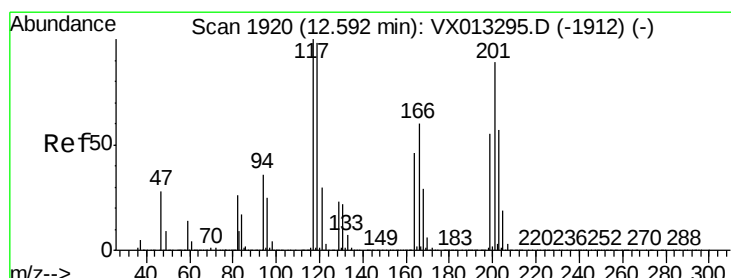
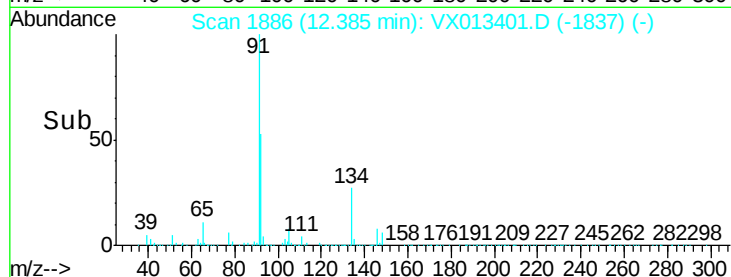
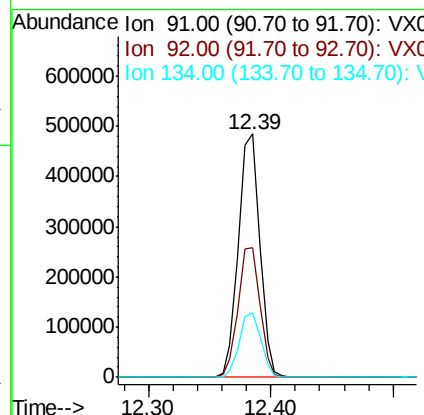
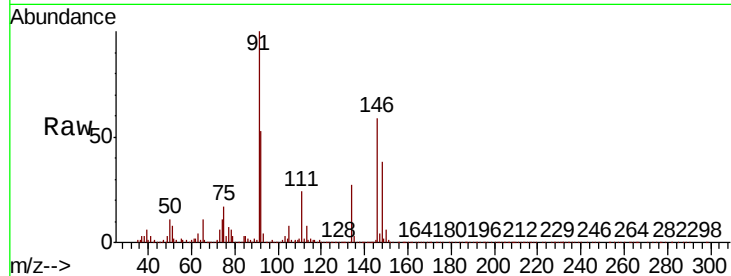
#89
n-Butylbenzene
Concen: 18.680 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.3	81.8
134	27.1	13.5	40.5

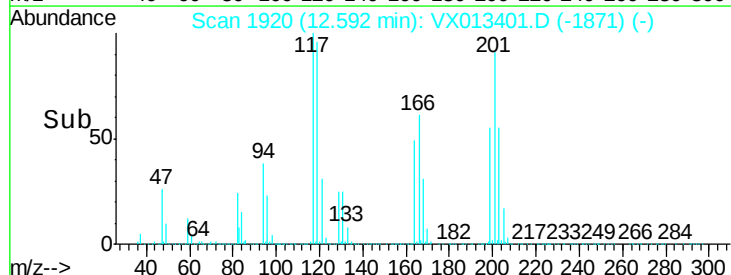
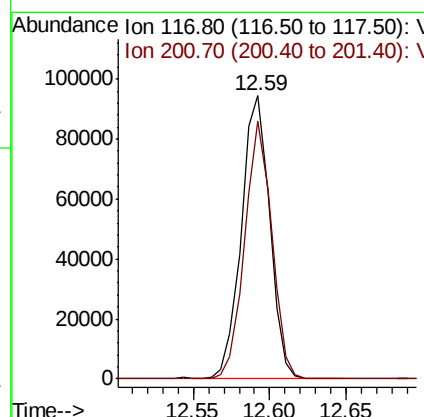
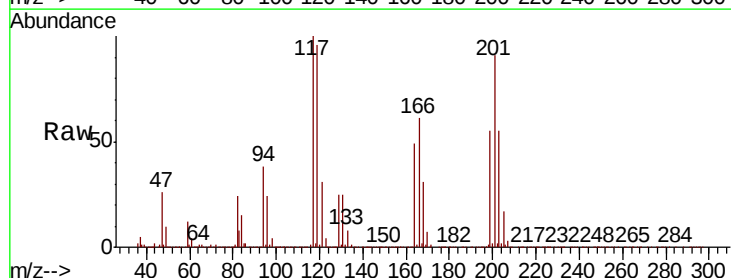
Manual Integrations
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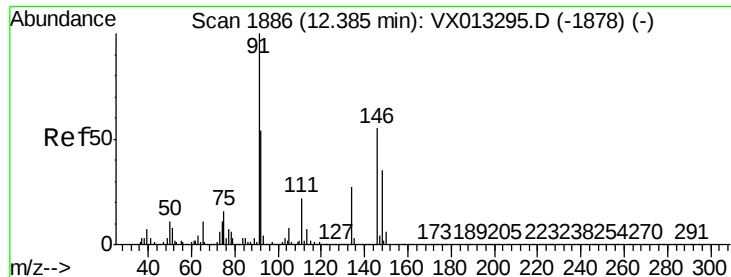
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#90
Hexachloroethane
Concen: 18.966 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.5	43.9	131.7





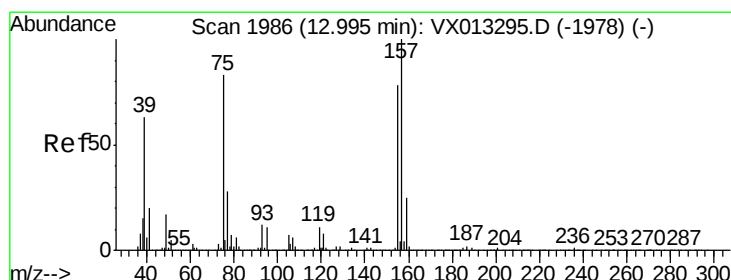
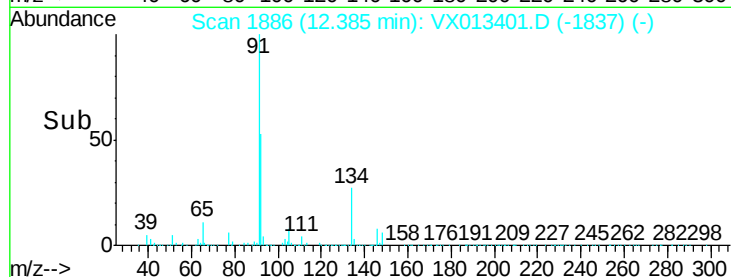
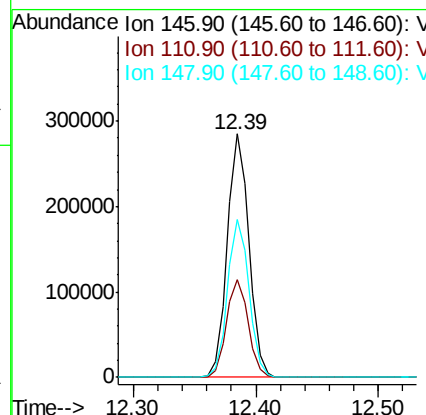
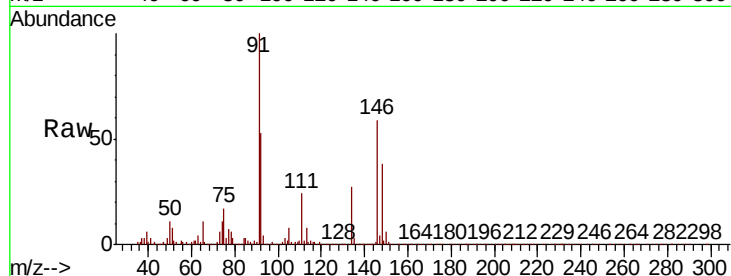
#91
1,2-Dichlorobenzene
Concen: 18.257 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.1	60.2
148	64.5	32.0	96.0

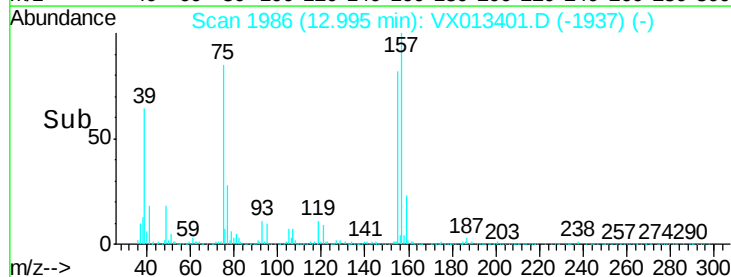
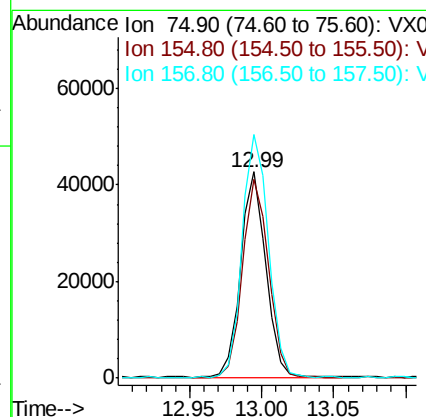
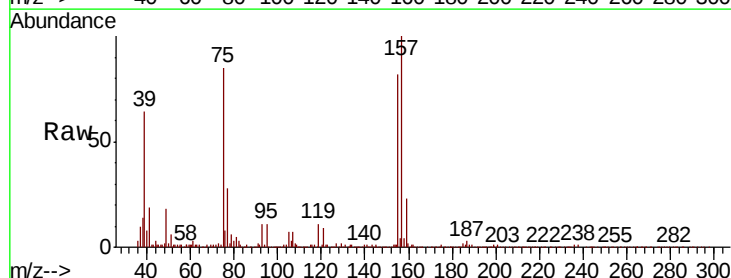
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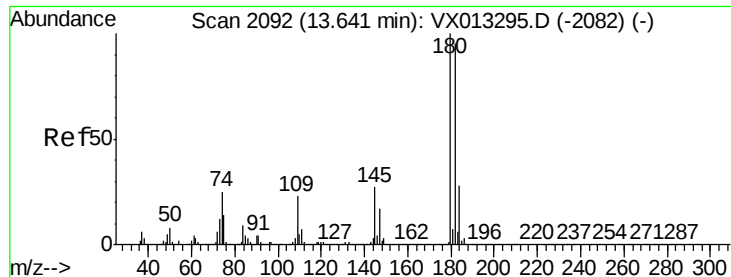
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#92
1,2-Dibromo-3-Chloropropane
Concen: 14.480 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.4	47.1	141.4
157	122.9	61.3	183.8





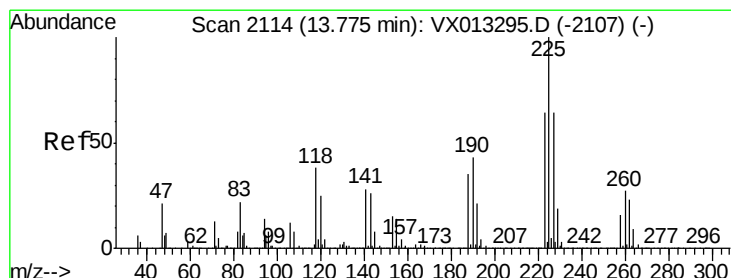
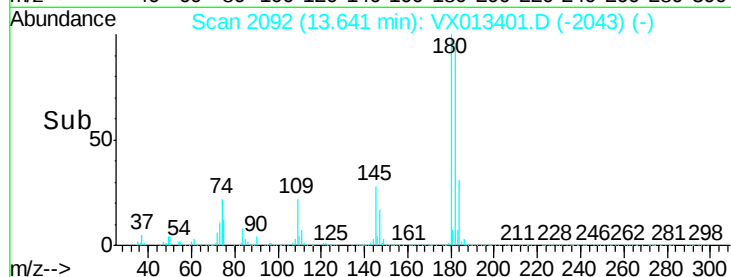
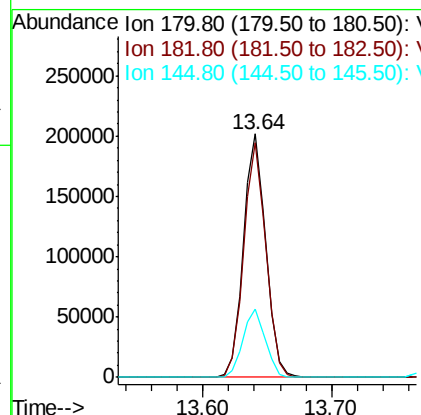
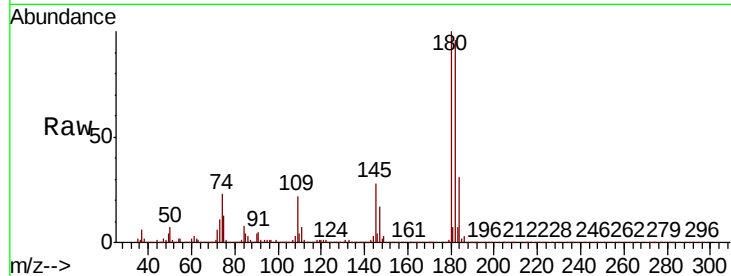
#93
 1,2,4-Trichlorobenzene
 Concen: 18.070 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013401.D
 Acq: 13 Nov 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	241645		
182	95.5	48.4	145.0	
145	28.5	14.1	42.4	

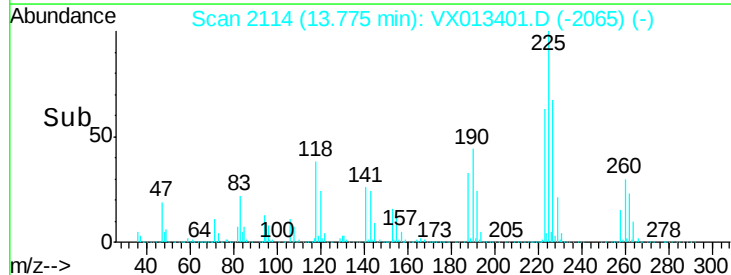
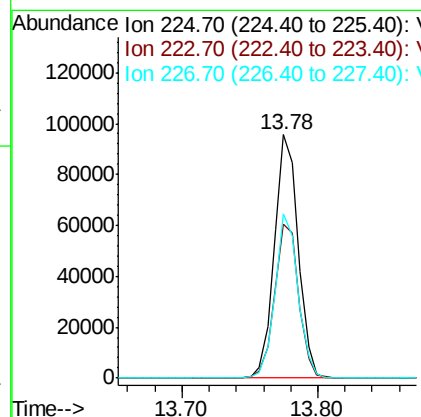
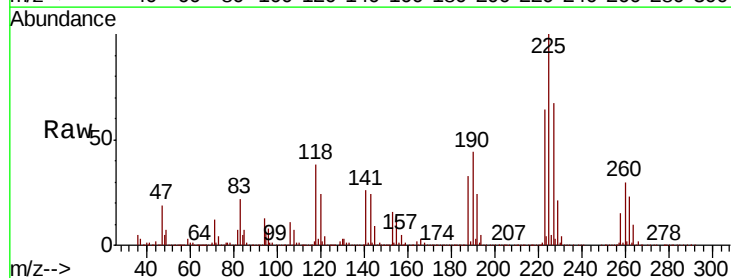
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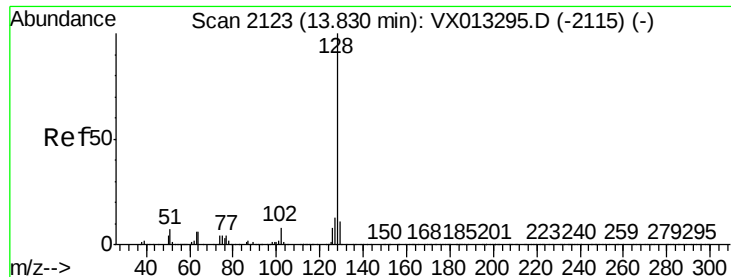
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#94
 Hexachlorobutadiene
 Concen: 17.913 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013401.D
 Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	117192		
223	64.7	31.9	95.7	
227	65.3	31.9	95.9	





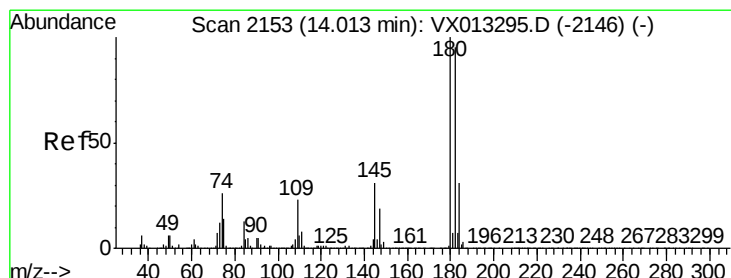
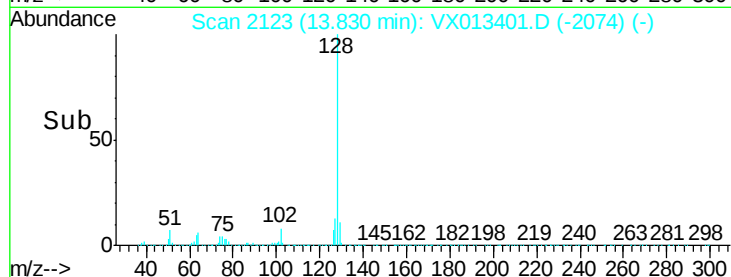
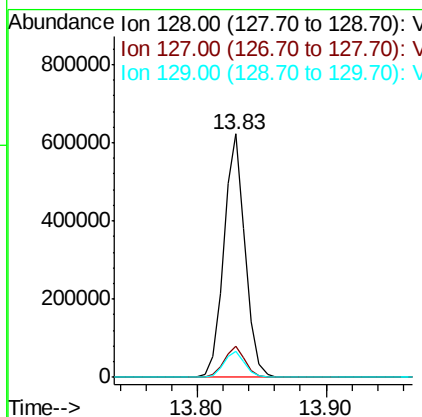
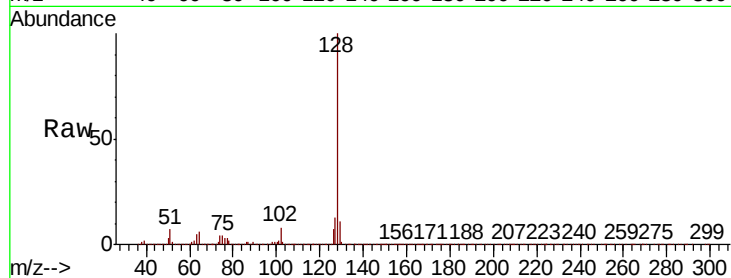
#95
Naphthalene
Concen: 17.082 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.5	12.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.506 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013401.D
Acq: 13 Nov 2019 12:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.0	144.2
145	30.8	15.4	46.4

