

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013470.D
 Acq On : 20 Nov 2019 11:03
 Operator : JC/SP
 Sample : VX1120WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/21/2019 9:50:54 AM

Quant Time: Nov 21 01:06:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	702209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1045147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	946784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	471511	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	400171	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	5.48	113	330920	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	8.71	98	1265004	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.13	95	452692	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	155509	19.220	ug/l	99
3) Chloromethane	1.31	50	172893	19.705	ug/l	99
4) Vinyl Chloride	1.40	62	203372	20.360	ug/l	99
5) Bromomethane	1.63	94	122565	17.607	ug/l	99
6) Chloroethane	1.71	64	114291	19.284	ug/l	97
7) Trichlorofluoromethane	1.92	101	230228	19.509	ug/l	98
8) Diethyl Ether	2.17	74	106790	20.463	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	150361	22.860	ug/l	97
10) Methyl Iodide	2.50	142	149273	18.330	ug/l	99
11) Tert butyl alcohol	3.03	59	207179	94.487	ug/l	100
12) 1,1-Dichloroethene	2.36	96	139572	21.668	ug/l	98
13) Acrolein	2.28	56	94584	79.592	ug/l	100
14) Allyl chloride	2.72	41	254844	21.775	ug/l	98
15) Acrylonitrile	3.12	53	446948	109.123	ug/l	99
16) Acetone	2.43	43	424029	102.189	ug/l	99
17) Carbon Disulfide	2.56	76	335006	19.432	ug/l	97
18) Methyl Acetate	2.76	43	258910	22.601	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	488101	22.720	ug/l	97
20) Methylene Chloride	2.84	84	159796	20.843	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	148301	21.146	ug/l	96
22) Diisopropyl ether	3.84	45	528335	23.383	ug/l	98
23) Vinyl Acetate	3.80	43	2148942	111.146	ug/l	99
24) 1,1-Dichloroethane	3.69	63	279346	22.101	ug/l	97
25) 2-Butanone	4.65	43	655986	107.763	ug/l	98
26) 2,2-Dichloropropane	4.57	77	227702	22.645	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	175381	22.323	ug/l	98
28) Bromochloromethane	5.00	49	71758	19.995	ug/l	98
29) Tetrahydrofuran	5.11	42	403699	107.617	ug/l	99
30) Chloroform	5.20	83	283352	22.703	ug/l	95
31) Cyclohexane	5.57	56	244126	21.464	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	232720	21.666	ug/l	99
36) 1,1-Dichloropropene	5.79	75	204107	22.764	ug/l	99
37) Ethyl Acetate	4.81	43	241326	21.782	ug/l	100
38) Carbon Tetrachloride	5.77	117	196639	22.428	ug/l	97

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Manual Integrations
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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)
39) Methylcyclohexane	7.45	83	250355	22.409	ug/l	96
40) Benzene	6.13	78	621342	22.247	ug/l	99
41) Methacrylonitrile	5.02	41	139044	22.391	ug/l	97
42) 1,2-Dichloroethane	6.18	62	226486	22.482	ug/l	97
43) Isopropyl Acetate	6.43	43	397080	23.016	ug/l	99
44) Trichloroethene	7.20	130	169369	22.031	ug/l	98
45) 1,2-Dichloropropane	7.50	63	164378	23.099	ug/l	99
46) Dibromomethane	7.65	93	107852	22.197	ug/l	98
47) Bromodichloromethane	7.89	83	215399	23.510	ug/l	95
48) Methyl methacrylate	7.76	41	193935	22.520	ug/l	97
49) 1,4-Dioxane	7.73	88	83465	423.206	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1253251	110.723	ug/l	99
52) Toluene	8.78	92	399752	23.093	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	233261	23.282	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	267217	23.844	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	167335	23.322	ug/l	96
56) Ethyl methacrylate	9.17	69	264042	22.445	ug/l	96
57) 1,3-Dichloropropane	9.36	76	279735	22.967	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	466002	94.989	ug/l	100
59) 2-Hexanone	9.48	43	968433	110.717	ug/l	99
60) Dibromochloromethane	9.57	129	171283	23.342	ug/l	100
61) 1,2-Dibromoethane	9.67	107	172972	22.703	ug/l	99
64) Tetrachloroethene	9.33	164	152059	22.435	ug/l	97
65) Chlorobenzene	10.14	112	433285	22.604	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	163035	23.165	ug/l	99
67) Ethyl Benzene	10.25	91	759448	22.957	ug/l	99
68) m/p-Xylenes	10.36	106	586064	46.843	ug/l	98
69) o-Xylene	10.70	106	277889	22.687	ug/l	99
70) Styrene	10.71	104	475792	23.237	ug/l	99
71) Bromoform	10.85	173	132332	22.182	ug/l #	100
73) Isopropylbenzene	11.01	105	756472	24.198	ug/l	100
74) N-amyl acetate	10.89	43	340592	23.494	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	266140	23.336	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	247200m	25.812	ug/l	
77) Bromobenzene	11.25	156	195476	23.455	ug/l	99
78) n-propylbenzene	11.35	91	858743	24.660	ug/l	100
79) 2-Chlorotoluene	11.42	91	505256	24.081	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	635561	24.408	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	83552	22.456	ug/l	100
82) 4-Chlorotoluene	11.51	91	581745	23.686	ug/l	99
83) tert-Butylbenzene	11.76	119	641008	24.454	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	629672	24.106	ug/l	99
85) sec-Butylbenzene	11.94	105	739916	24.561	ug/l	100
86) p-Isopropyltoluene	12.06	119	679554	24.497	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	345506	23.258	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	343600	22.702	ug/l	99
89) n-Butylbenzene	12.39	91	583044	24.087	ug/l	100
90) Hexachloroethane	12.59	117	120953	24.472	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	345660	23.277	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	54990	19.791	ug/l	98

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

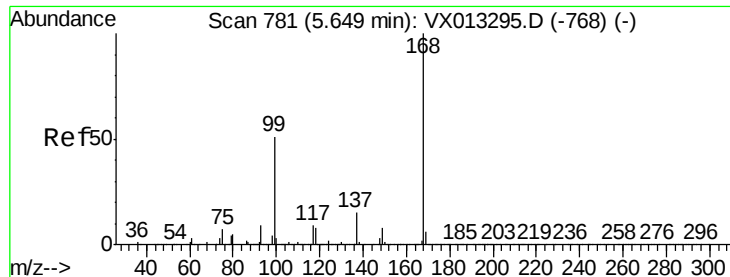
Manual Integrations
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Quant Time: Nov 21 01:06:37 2019
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	234061	22.597	ug/l	98
94) Hexachlorobutadiene	13.78	225	119289	23.540	ug/l	99
95) Naphthalene	13.83	128	702514	21.617	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	235990	22.718	ug/l	98

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



#1

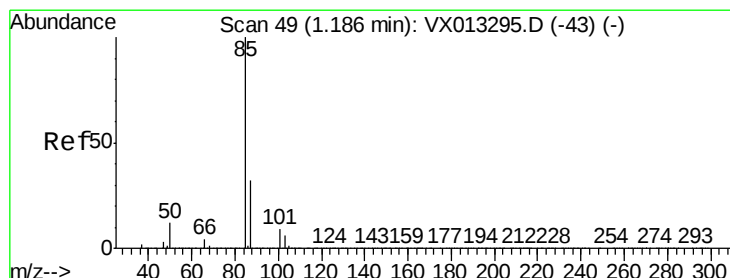
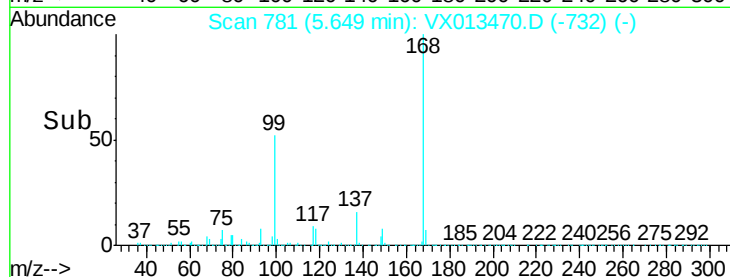
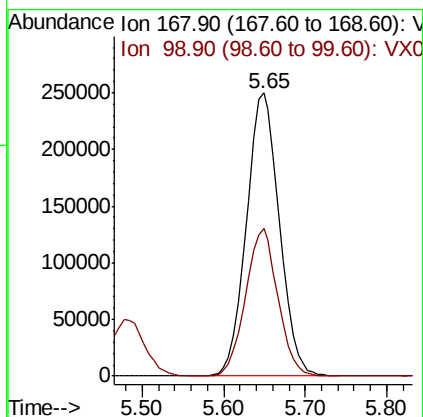
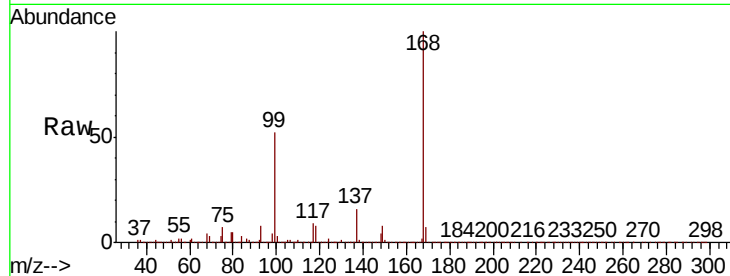
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.9	40.8	61.2

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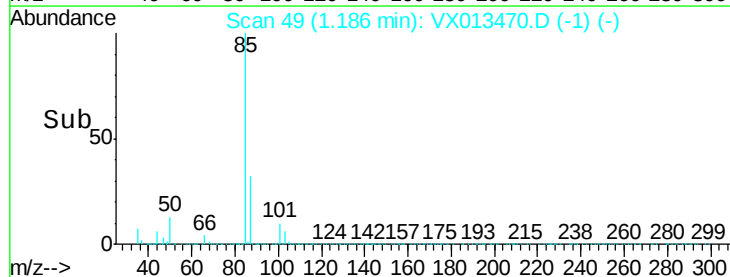
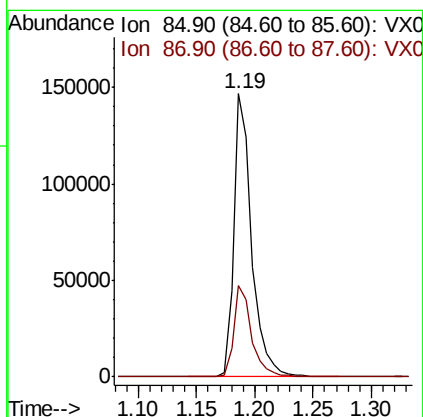
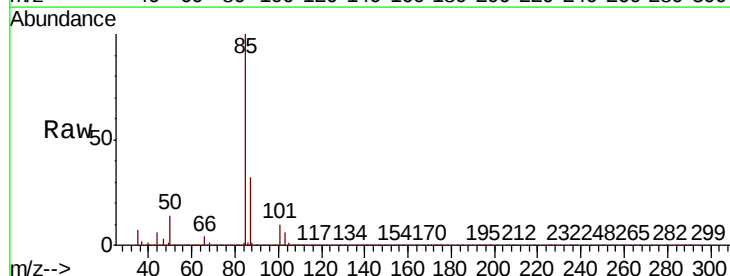
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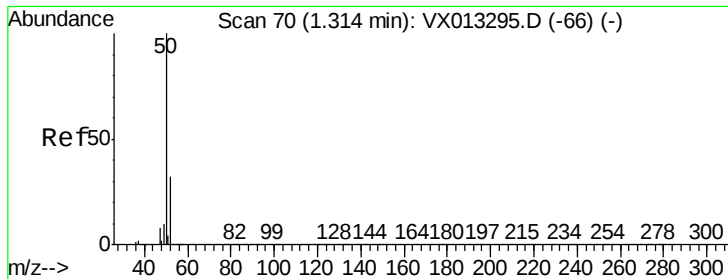


#2

Dichlorodifluoromethane
 Concen: 19.220 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.9	47.6





#3

Chloromethane

Concen: 19.705 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 50 Resp: 172893

Ion Ratio Lower Upper

50 100

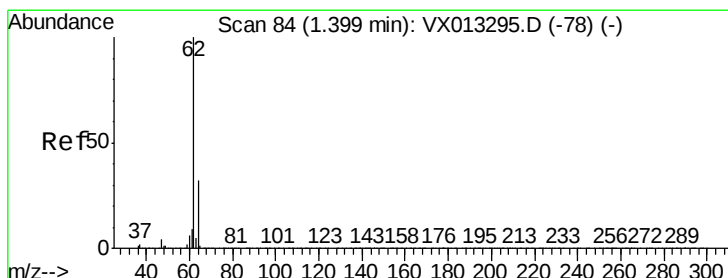
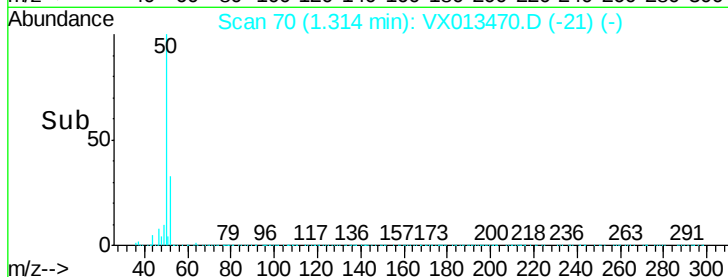
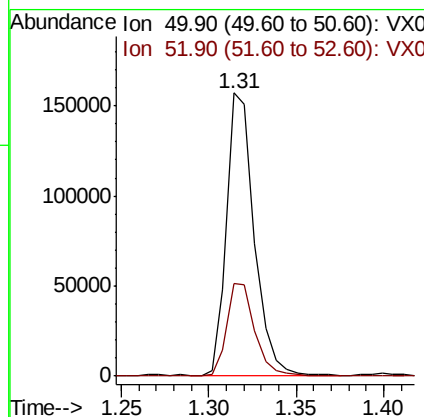
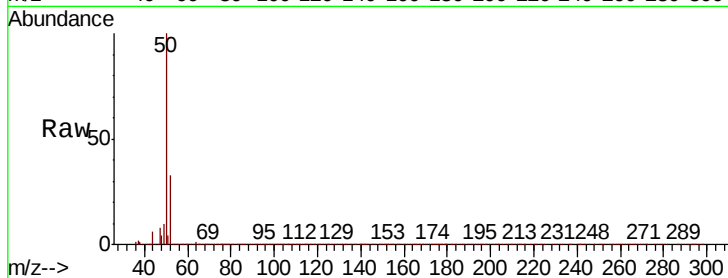
52 32.6 25.5 38.3

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#4

Vinyl Chloride

Concen: 20.360 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013470.D

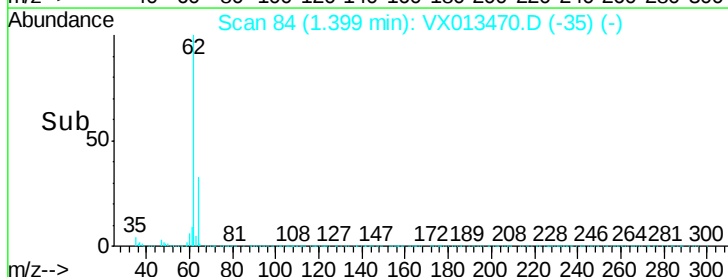
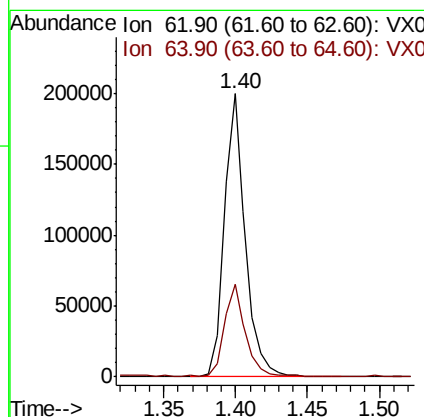
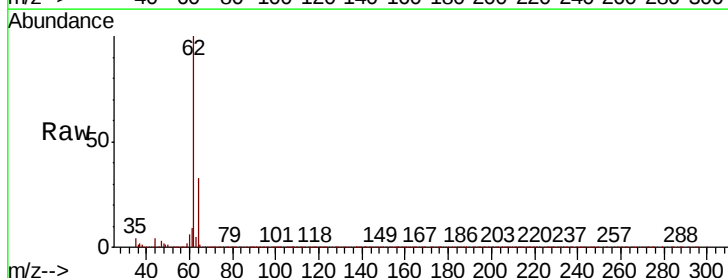
Acq: 20 Nov 2019 11:03

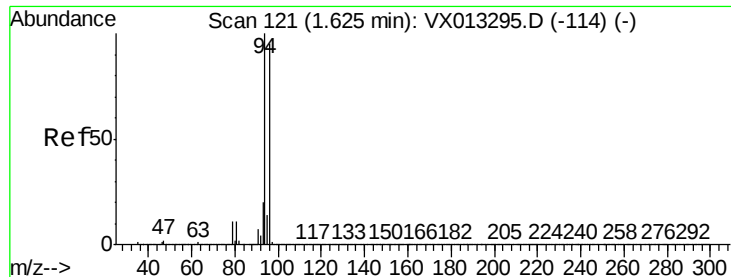
Tgt Ion: 62 Resp: 203372

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4





#5

Bromomethane

Concen: 17.607 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 94 Resp: 122565

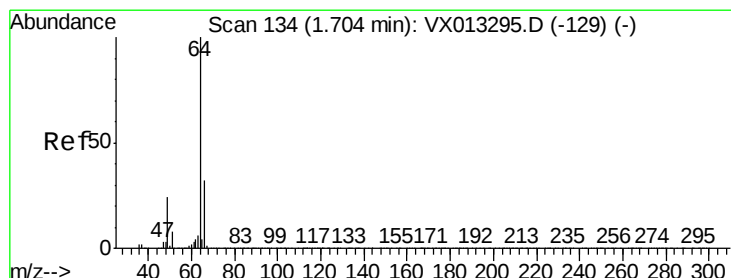
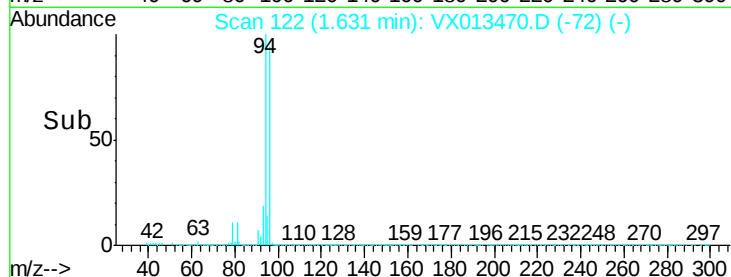
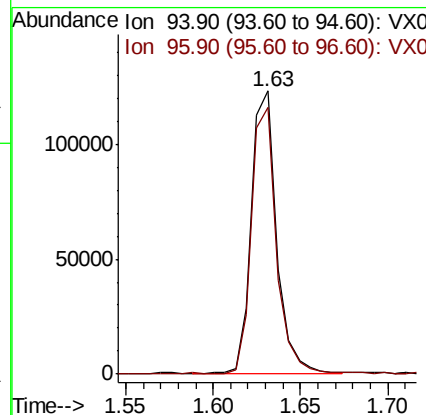
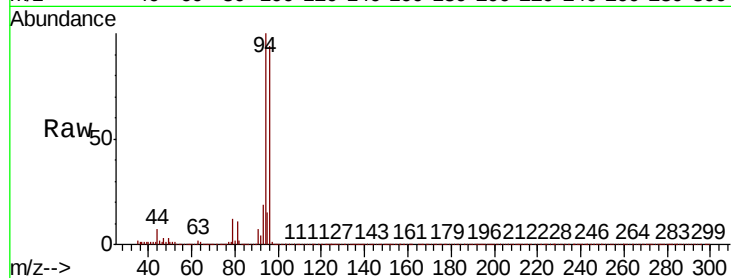
Ion Ratio Lower Upper

94 100

96 94.1 75.8 113.8

Manual Integrations
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#6

Chloroethane

Concen: 19.284 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013470.D

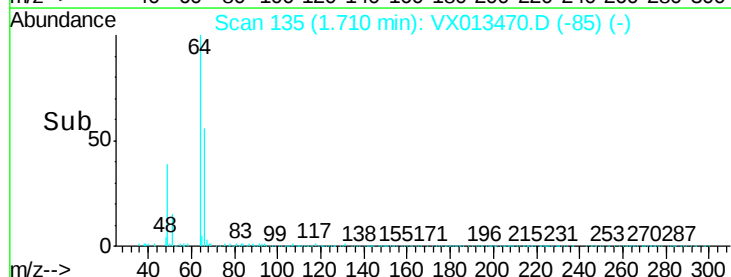
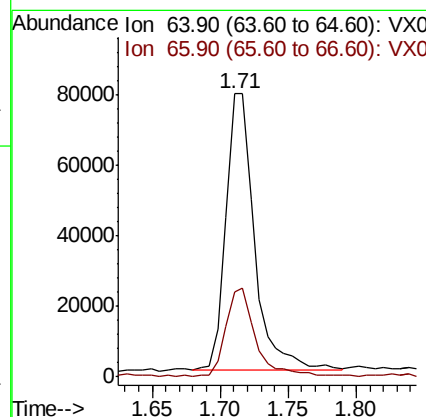
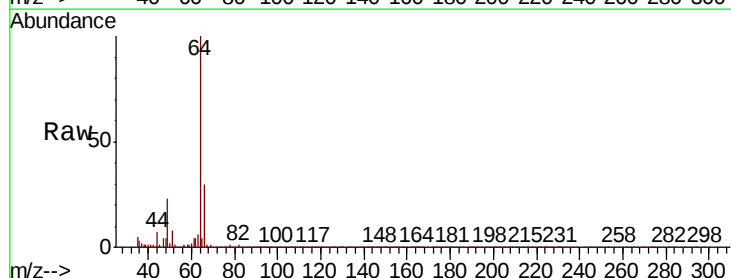
Acq: 20 Nov 2019 11:03

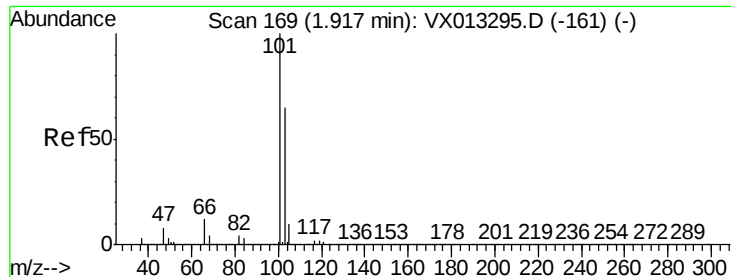
Tgt Ion: 64 Resp: 114291

Ion Ratio Lower Upper

64 100

66 30.5 25.6 38.4





#7

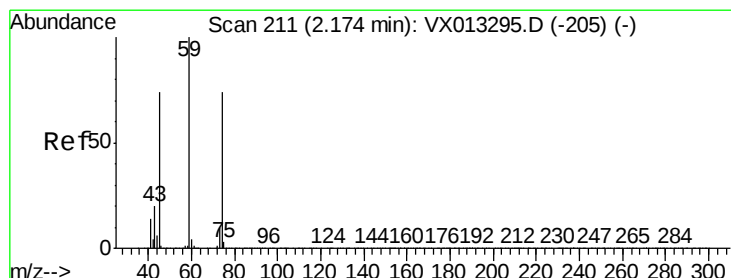
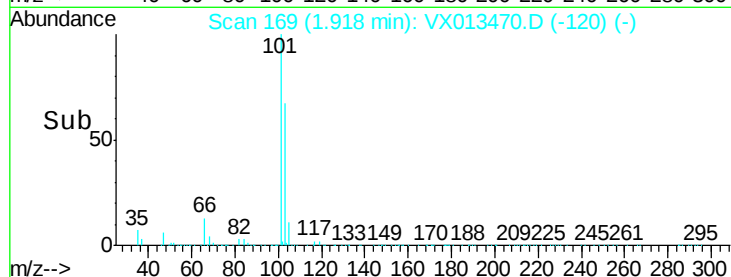
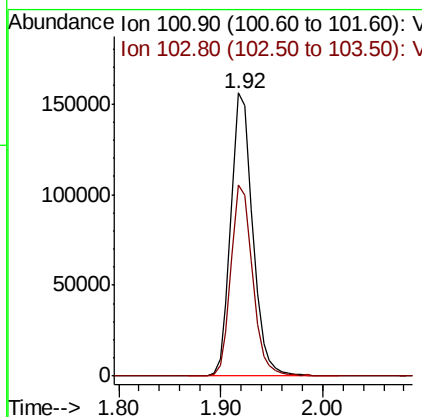
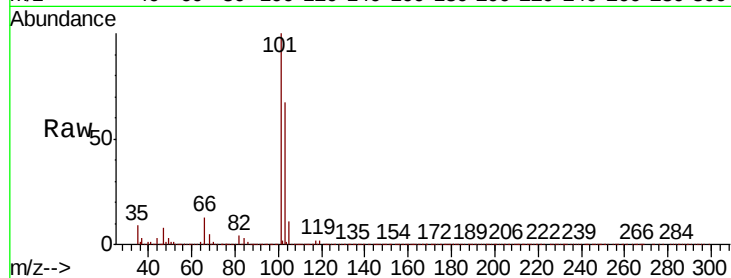
Trichlorofluoromethane
Concen: 19.509 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.2	52.3	78.5

Manual Integrations
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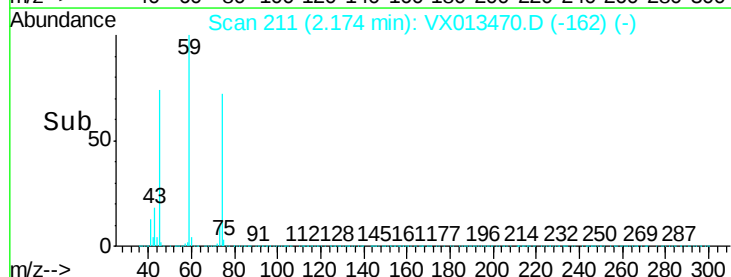
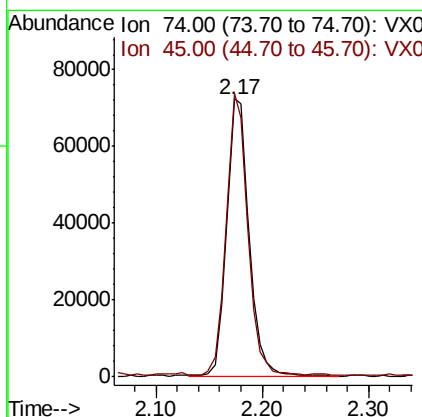
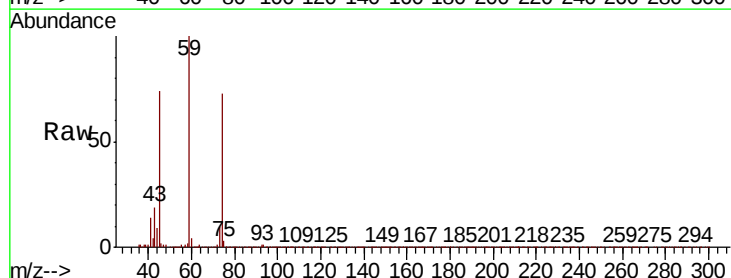
MMDadoda
11/21/2019 9:50:54 AM

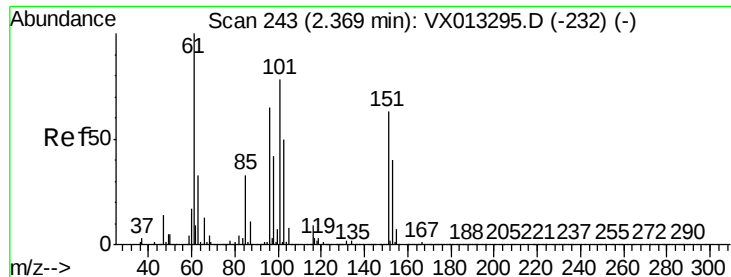


#8

Diethyl Ether
Concen: 20.463 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.860 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

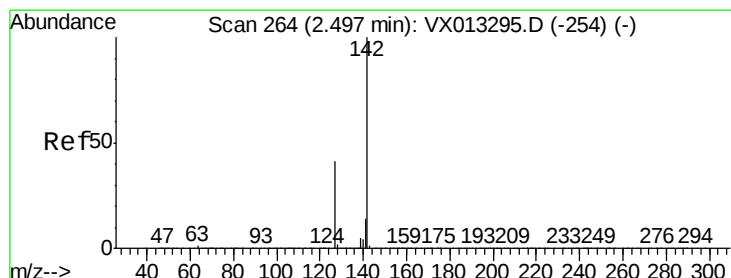
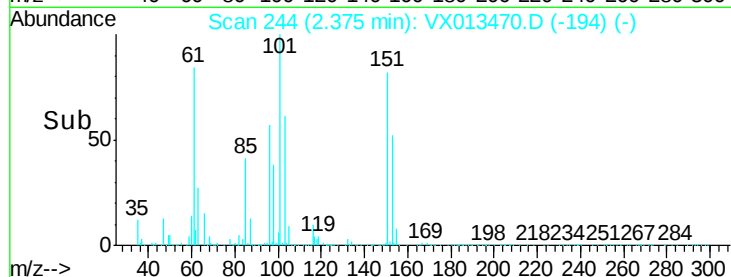
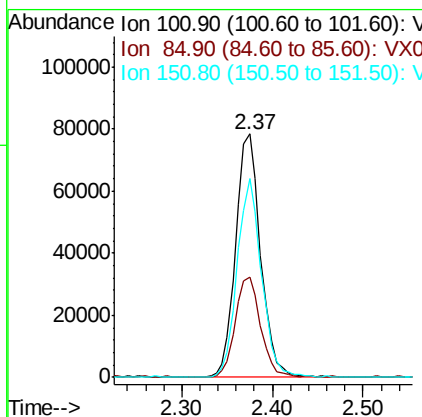
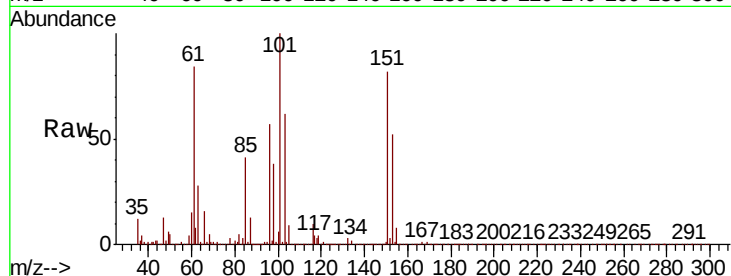
ClientSampleId :

VX1120WBS01

Tot Ion:	101	Resp:	150361
Ion Ratio	Lower	Upper	
101	100		
85	41.6	34.4	51.6
151	79.4	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.330 ug/l

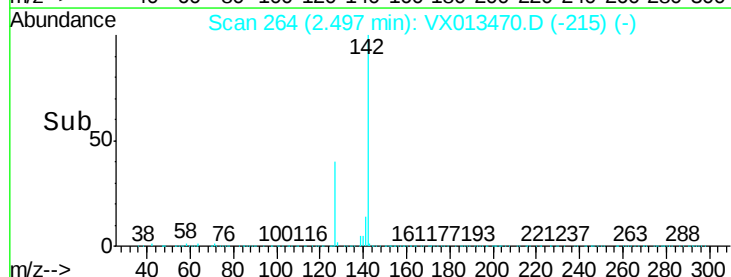
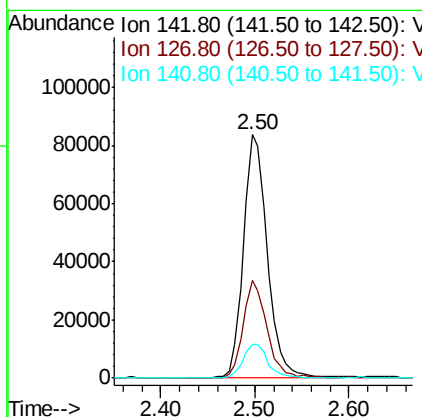
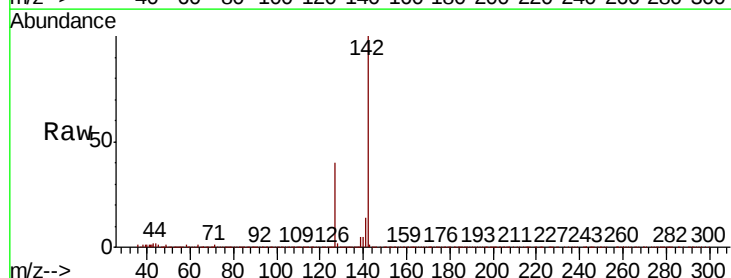
RT: 2.50 min Scan# 264

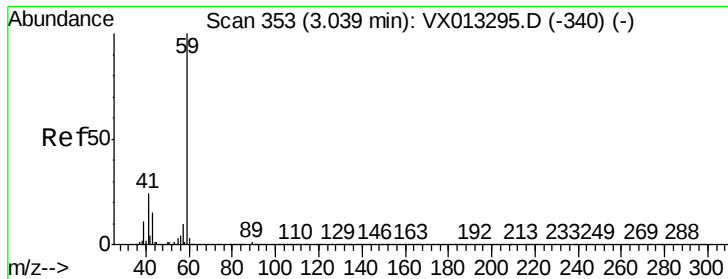
Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Tgt Ion:	142	Resp:	149273
Ion Ratio	Lower	Upper	
142	100		
127	39.8	32.6	49.0
141	14.1	11.6	17.4





#11

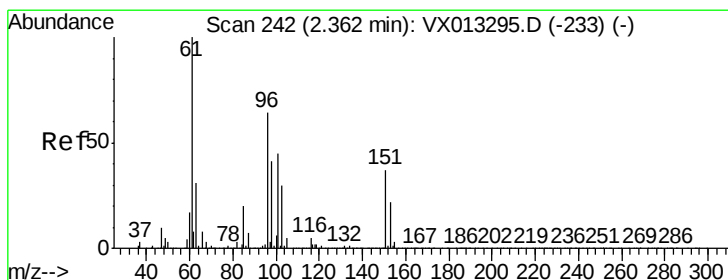
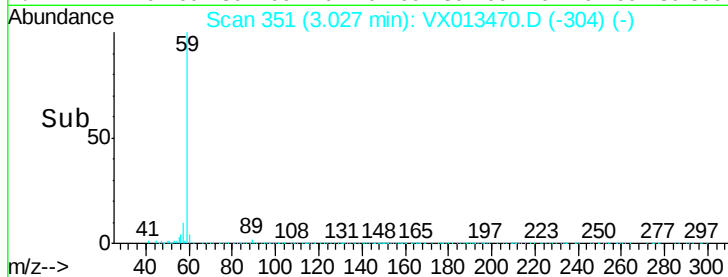
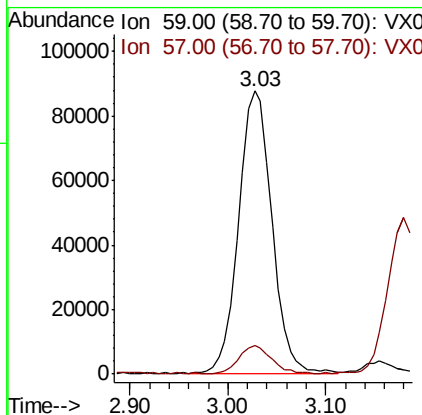
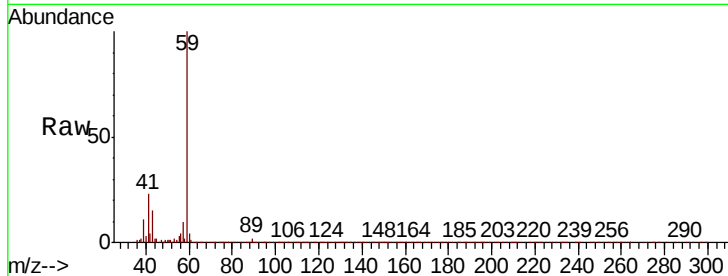
Tert butyl alcohol
Concen: 94.487 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.0	12.0

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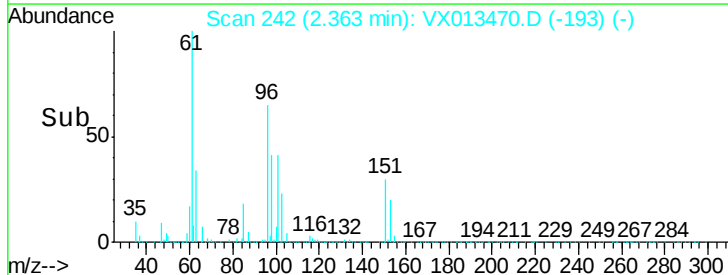
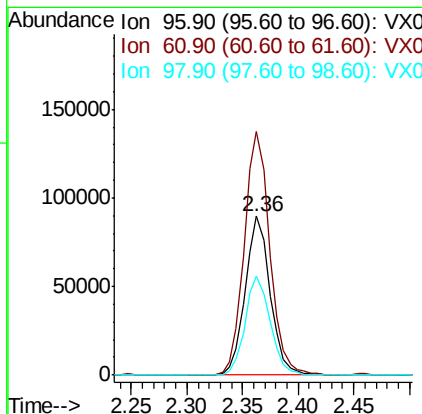
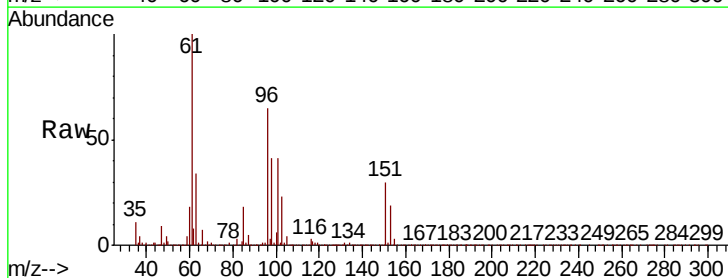
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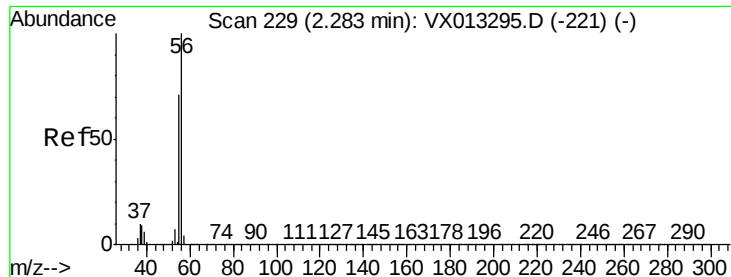


#12

1,1-Dichloroethene
Concen: 21.668 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.6	125.0	187.6
98	62.1	50.7	76.1





#13

Acrolein

Concen: 79.592 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 56 Resp: 94584

Ion Ratio Lower Upper

56 100

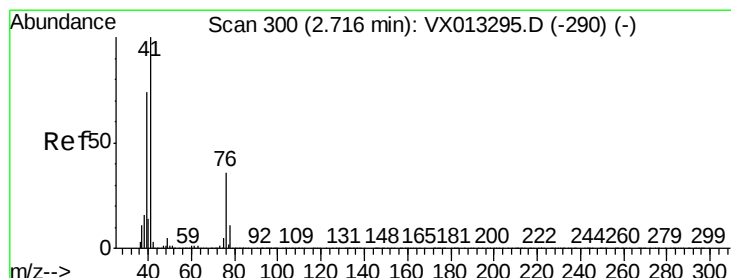
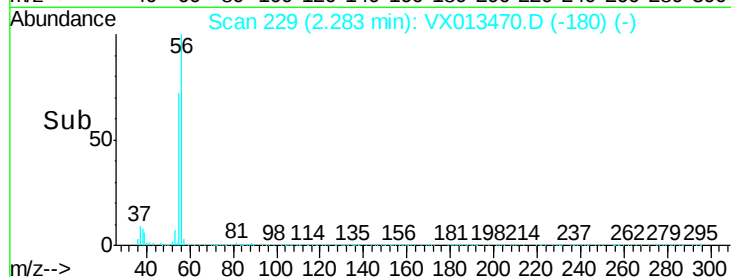
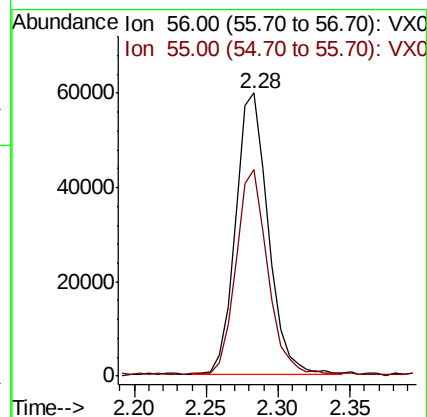
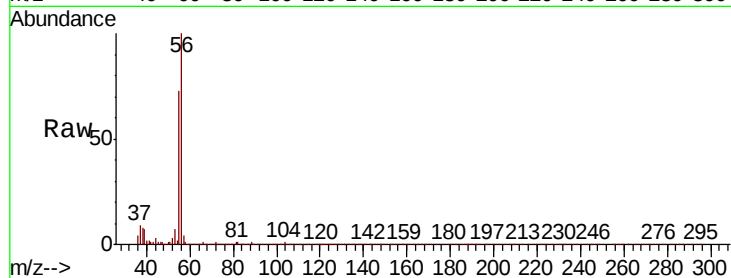
55 71.6 57.4 86.0

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#14

Allyl chloride

Concen: 21.775 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

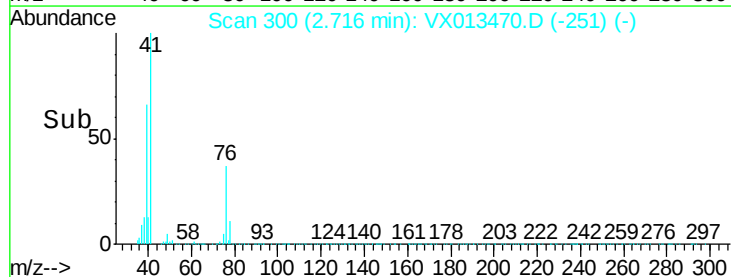
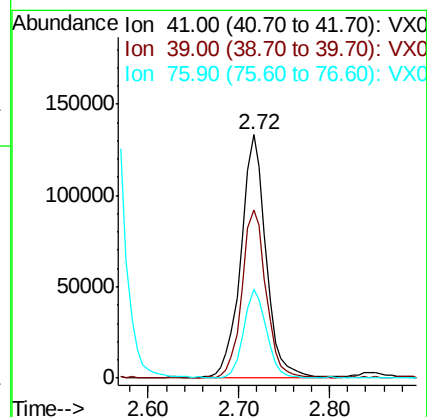
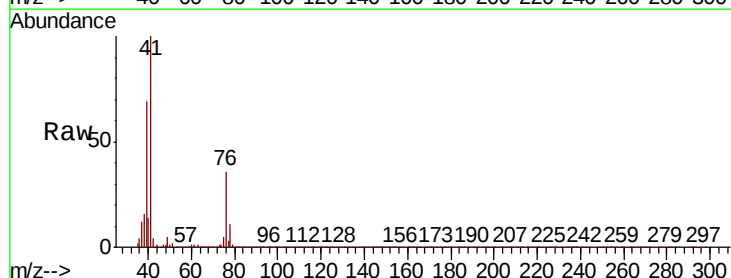
Tgt Ion: 41 Resp: 254844

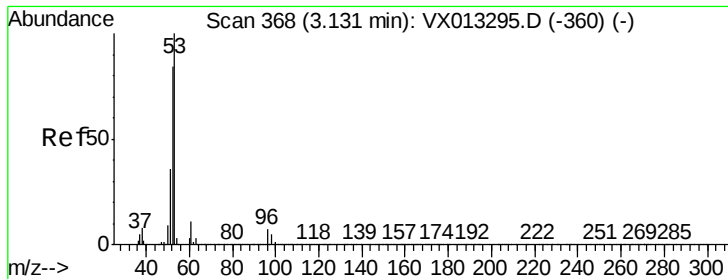
Ion Ratio Lower Upper

41 100

39 67.6 55.8 83.8

76 32.6 26.4 39.6





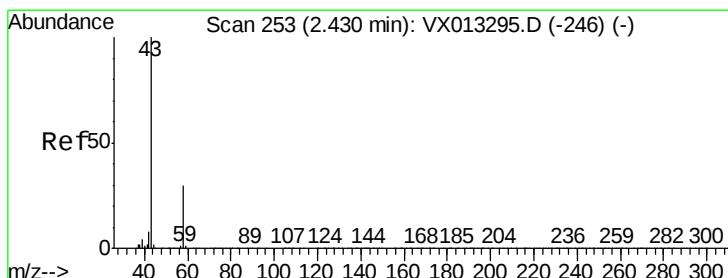
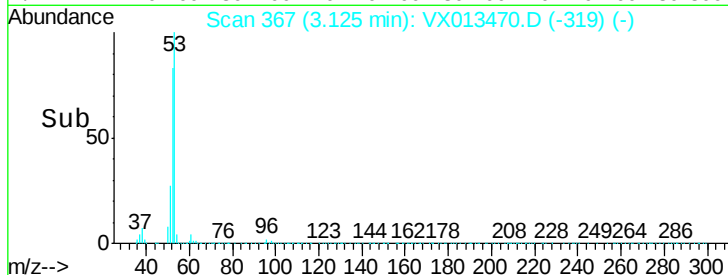
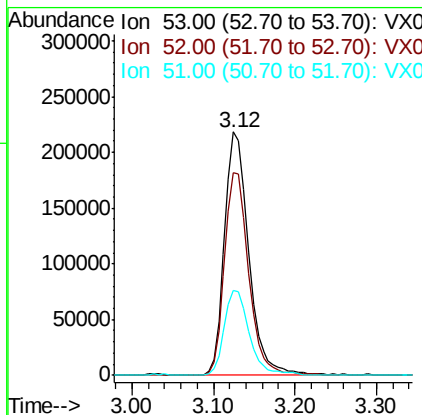
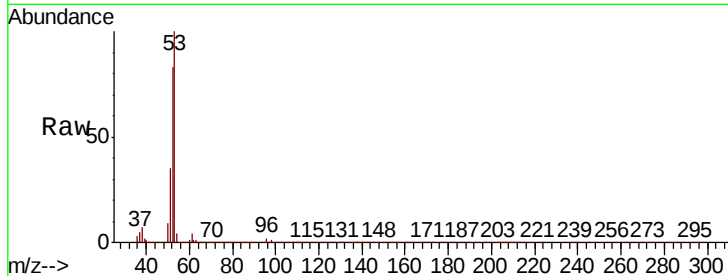
#15
 Acrylonitrile
 Concen: 109.123 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Tot Ion:	53	Resp:	446948
Ion Ratio	Lower	Upper	
53	100		
52	83.9	67.4	101.0
51	36.2	29.4	44.2

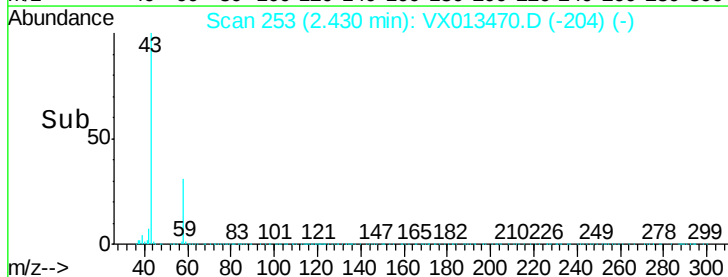
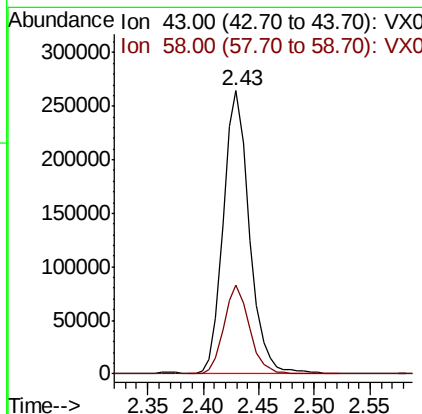
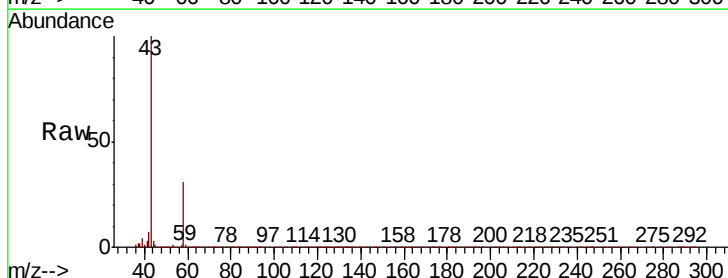
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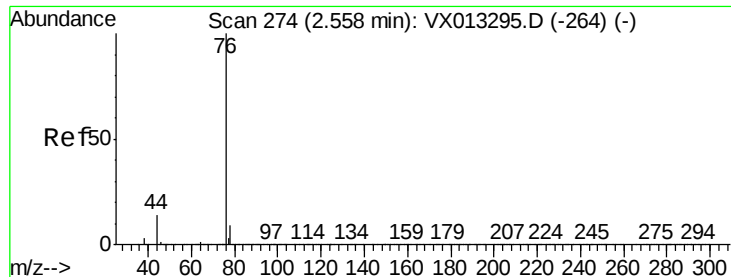
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#16
 Acetone
 Concen: 102.189 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Tgt Ion:	43	Resp:	424029
Ion Ratio	Lower	Upper	
43	100		
58	31.2	24.3	36.5





#17

Carbon Disulfide

Concen: 19.432 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 76 Resp: 335006

Ion Ratio Lower Upper

76 100

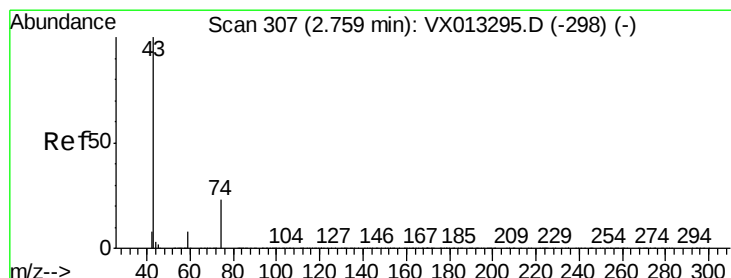
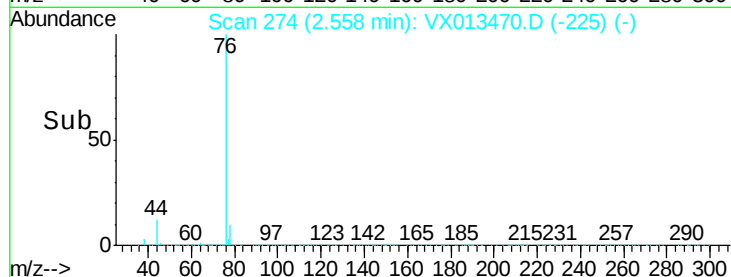
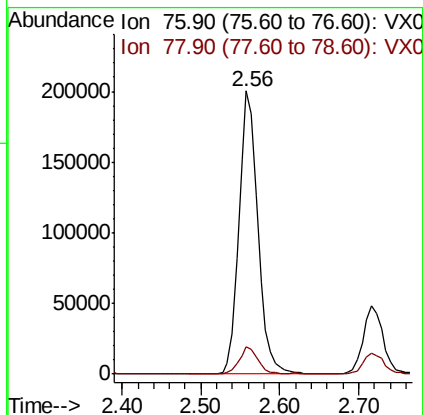
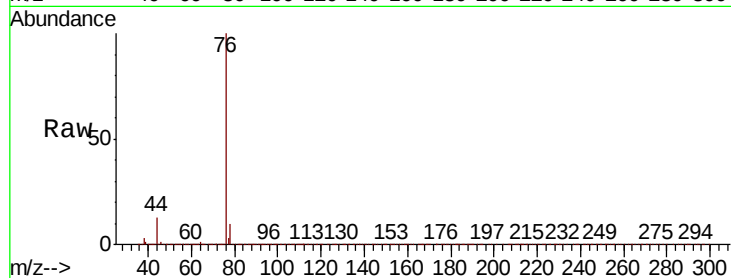
78 9.8 7.0 10.6

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#18

Methyl Acetate

Concen: 22.601 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013470.D

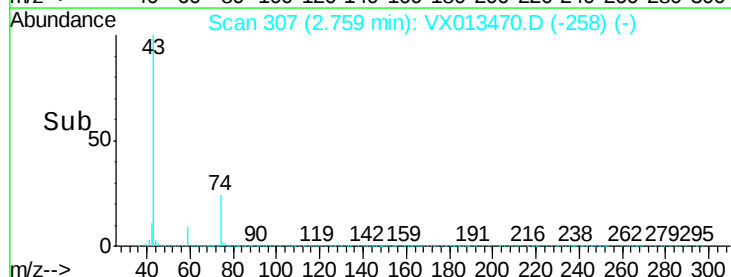
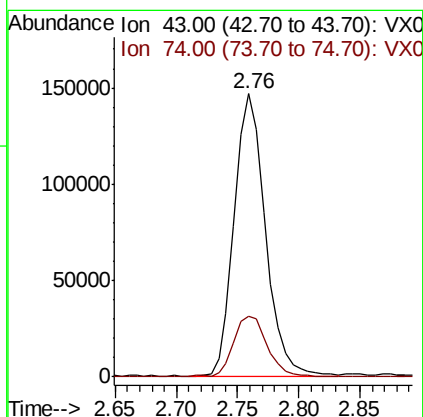
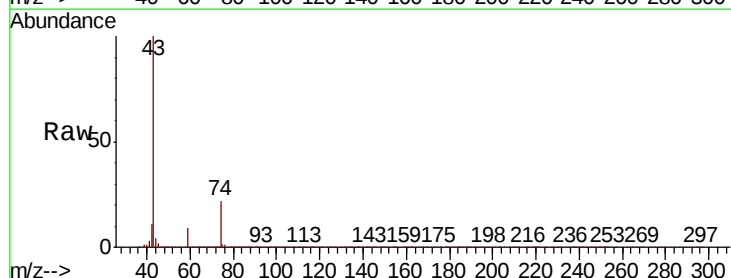
Acq: 20 Nov 2019 11:03

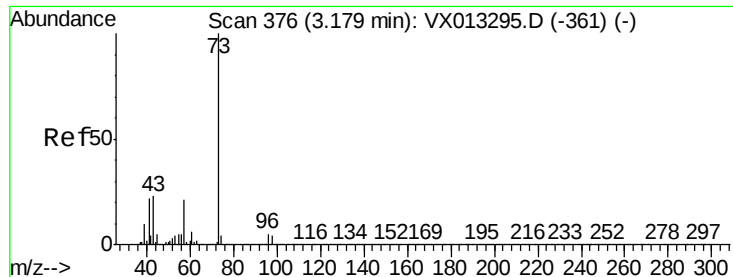
Tgt Ion: 43 Resp: 258910

Ion Ratio Lower Upper

43 100

74 23.7 19.0 28.6





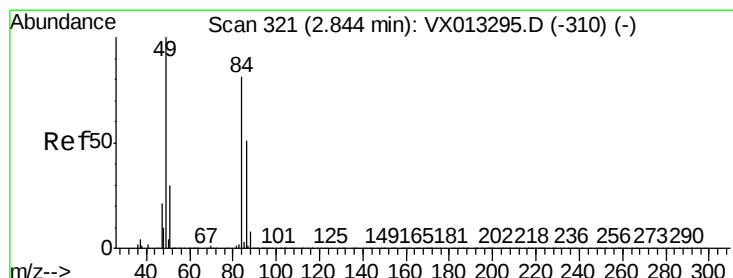
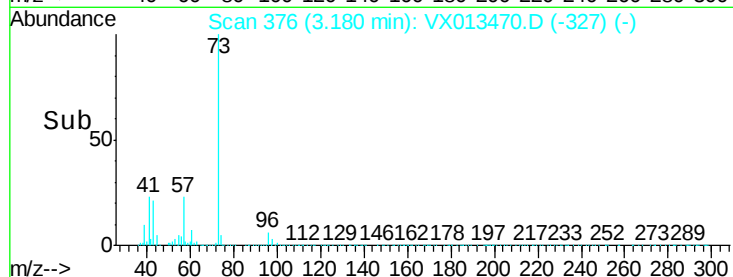
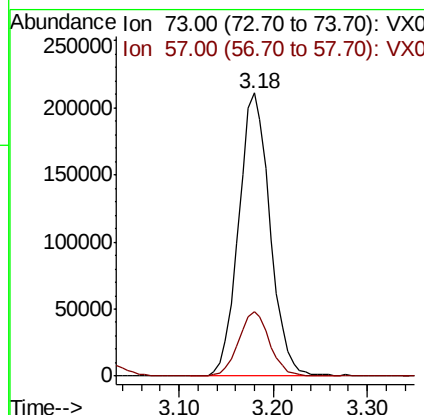
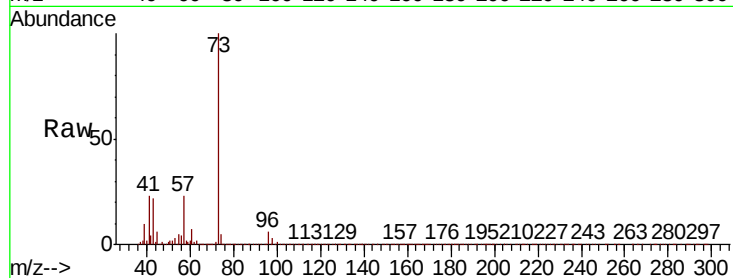
#19
Methvl tert-butvl Ether
Concen: 22.720 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.1	25.7

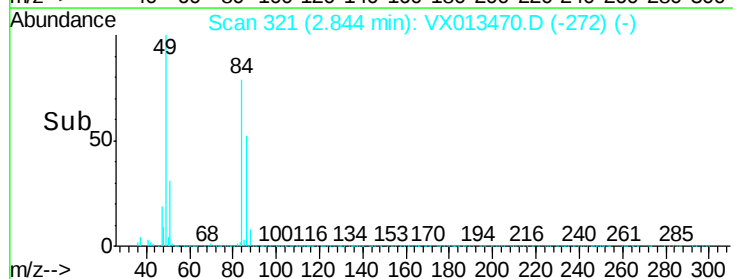
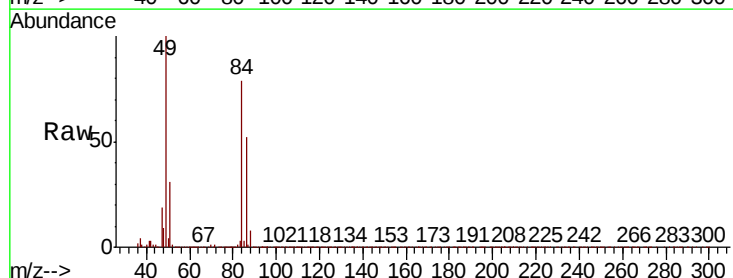
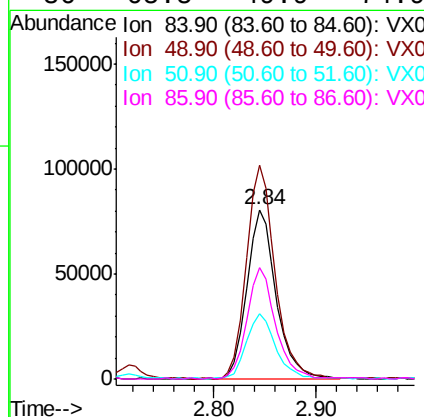
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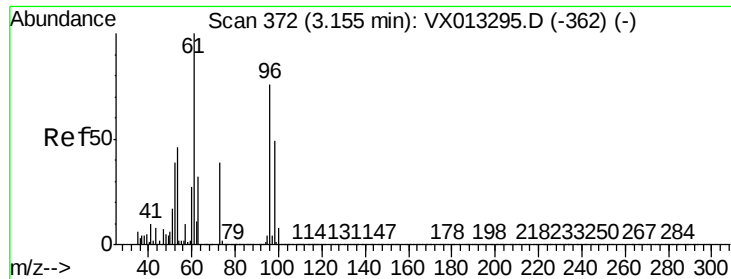
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#20
Methylene Chloride
Concen: 20.843 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.8	98.2	147.4
51	38.2	29.9	44.9
86	65.5	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 21.146 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

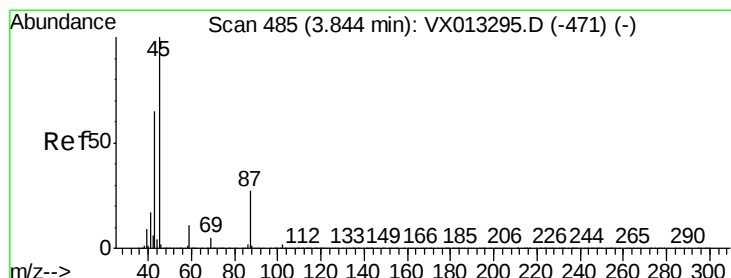
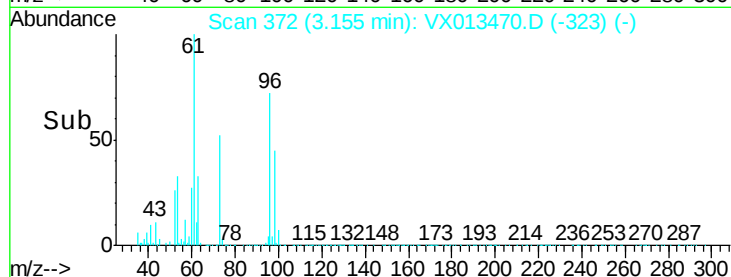
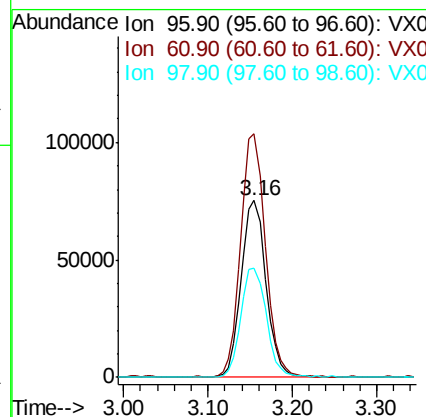
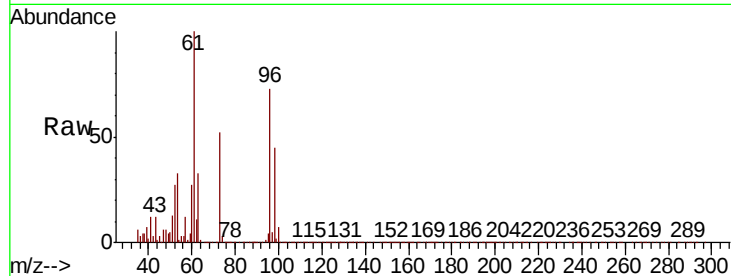
ClientSampleId :

VX1120WBS01

Tot Ion:	96	Resp:	148301
Ion Ratio	Lower	Upper	
96	100		
61	137.6	105.8	158.6
98	61.8	51.8	77.6

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#22

Diisopropyl ether

Concen: 23.383 ug/l

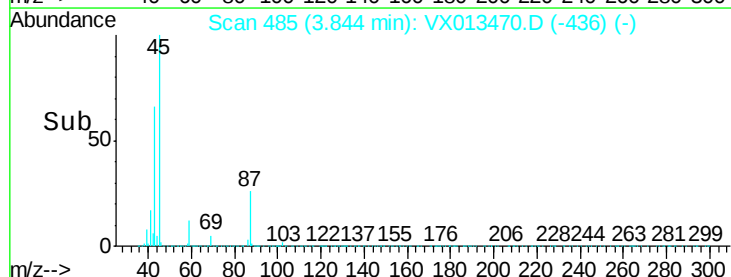
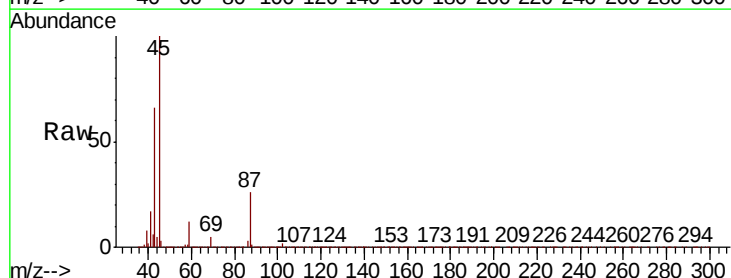
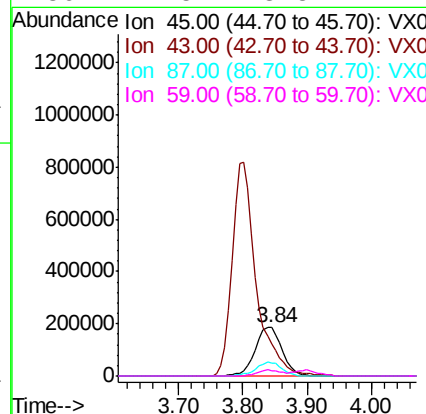
RT: 3.84 min Scan# 485

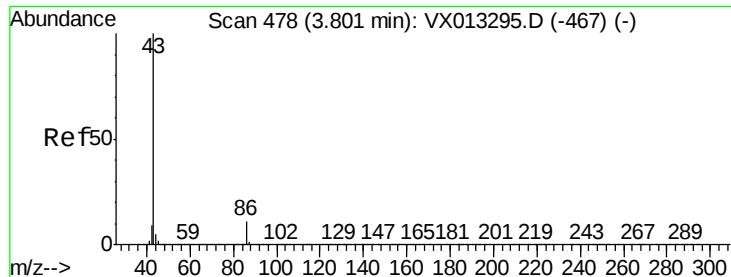
Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Tgt Ion:	45	Resp:	528335
Ion Ratio	Lower	Upper	
45	100		
43	66.1	54.2	81.2
87	26.3	21.8	32.8
59	11.5	8.5	12.7





#23

Vinyl Acetate

Concen: 111.146 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 43 Resp: 2148942

Ion Ratio Lower Upper

43 100

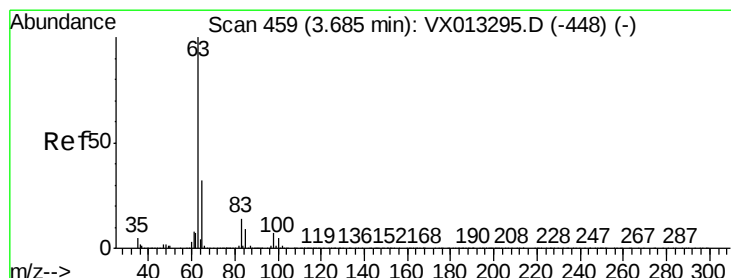
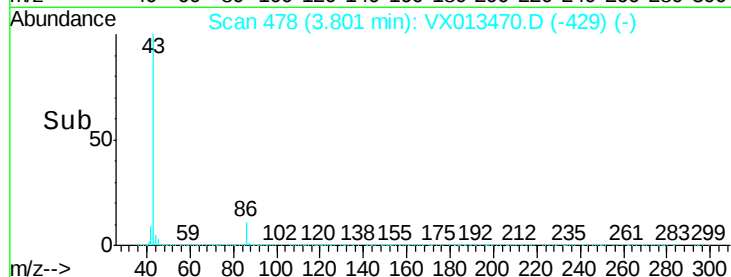
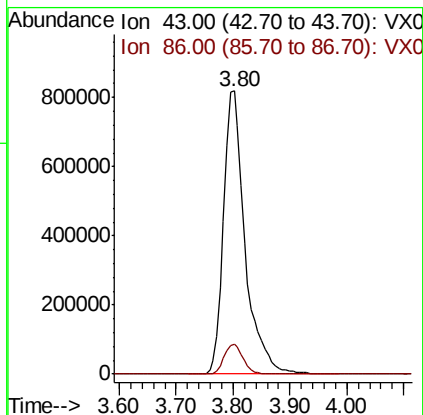
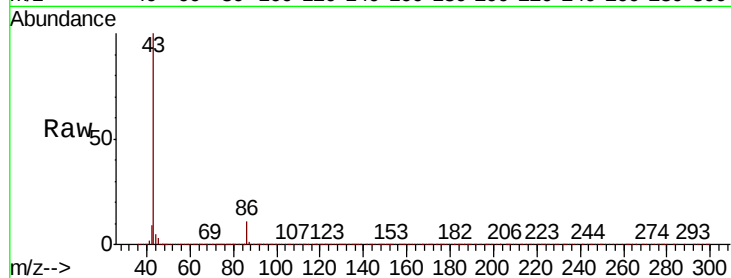
86 10.6 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 22.101 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

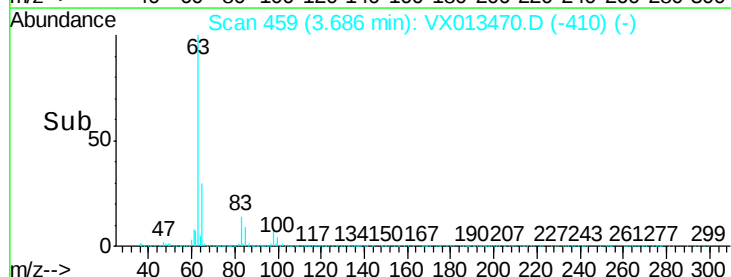
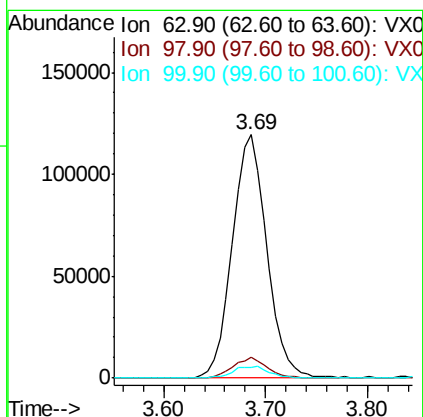
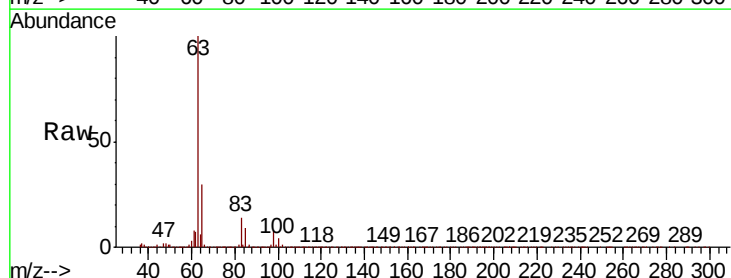
Tgt Ion: 63 Resp: 279346

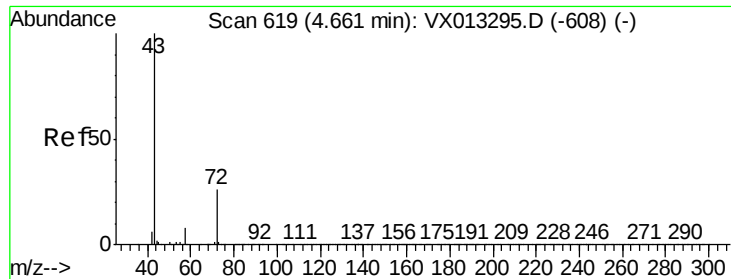
Ion Ratio Lower Upper

63 100

98 8.3 3.5 10.4

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 107.763 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 43 Resp: 655986

Ion Ratio Lower Upper

43 100

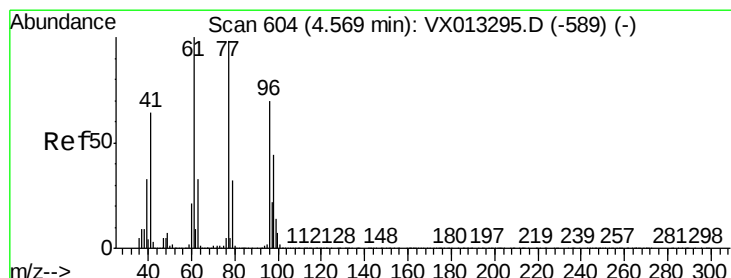
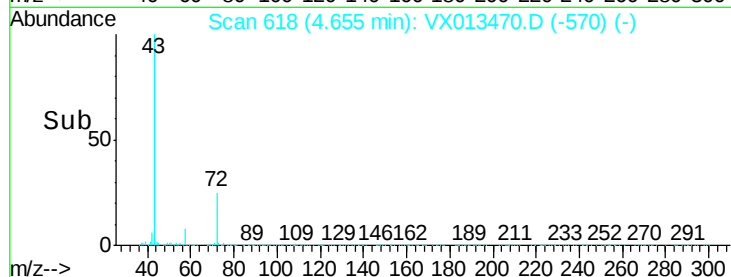
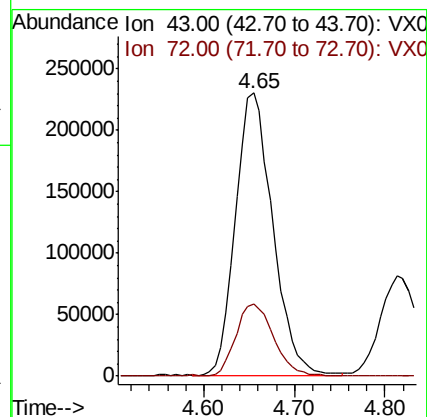
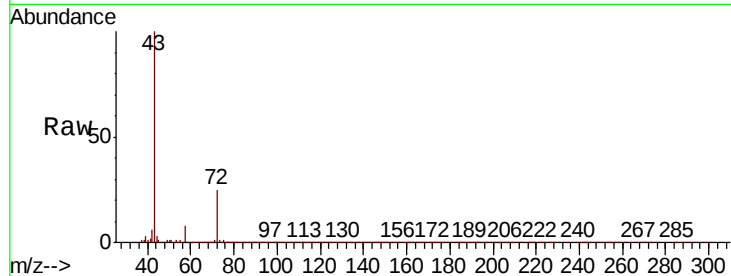
72 25.2 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 22.645 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013470.D

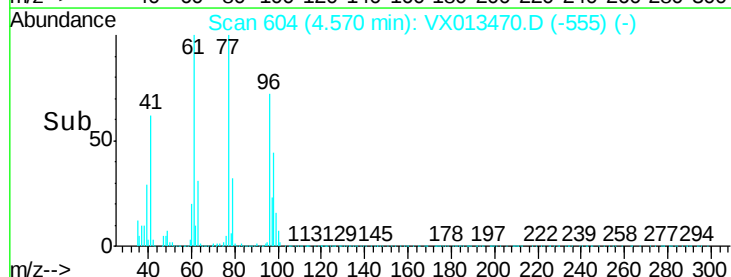
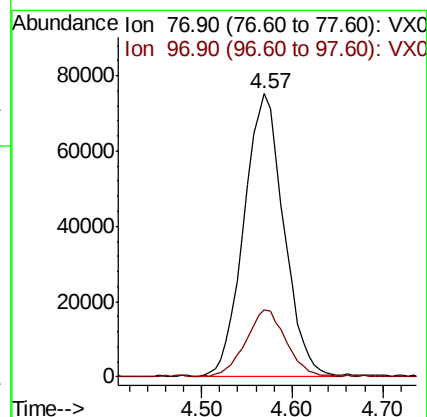
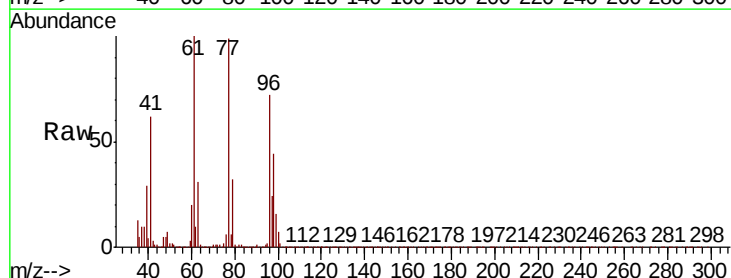
Acq: 20 Nov 2019 11:03

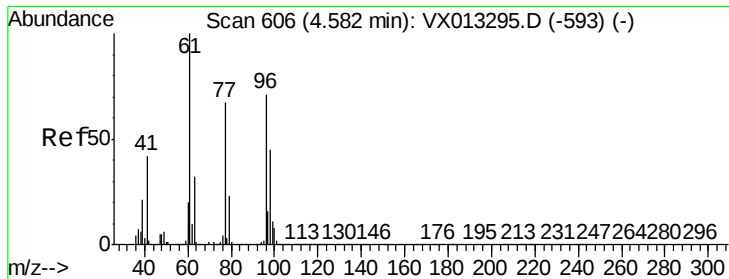
Tgt Ion: 77 Resp: 227702

Ion Ratio Lower Upper

77 100

97 24.4 11.3 33.8





#27

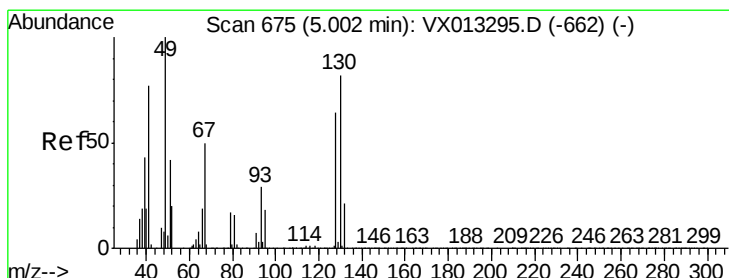
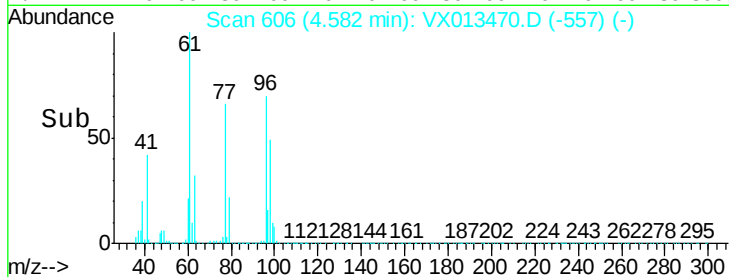
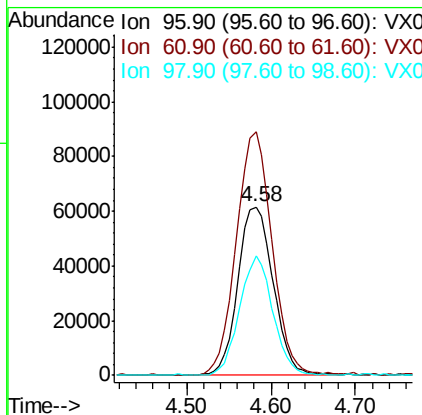
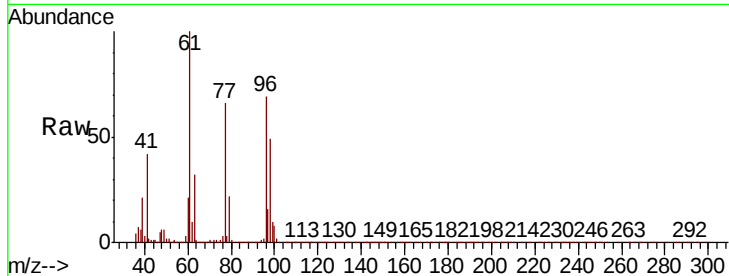
cis-1,2-Dichloroethene
Concen: 22.323 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	175381		
61	145.9	0.0	288.0	
98	66.9	0.0	129.6	

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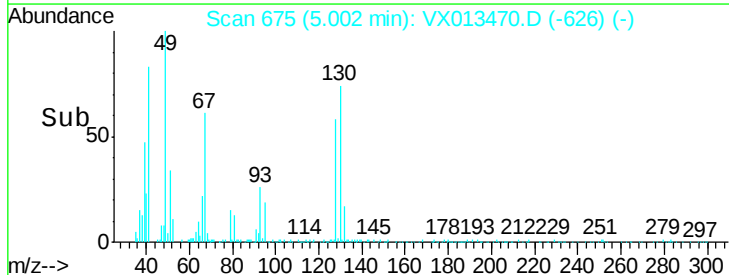
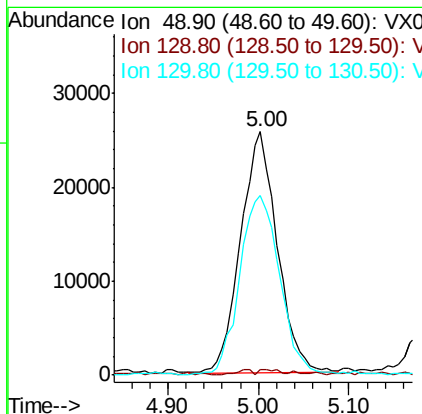
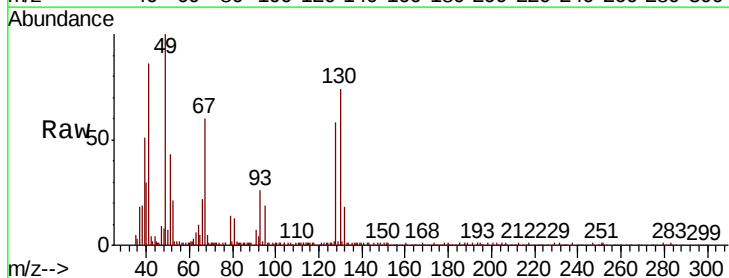
MMDadoda
11/21/2019 9:50:54 AM

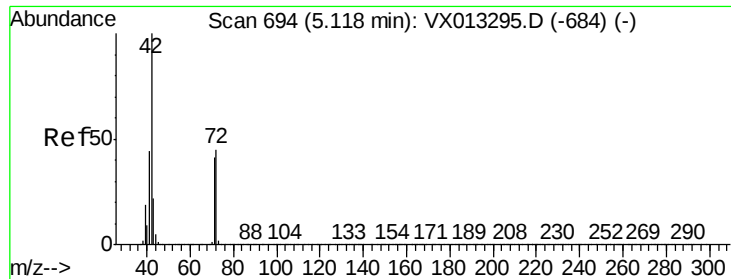


#28

Bromochloromethane
Concen: 19.995 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	71758		
129	1.3	0.0	5.2	
130	81.6	63.8	95.6	





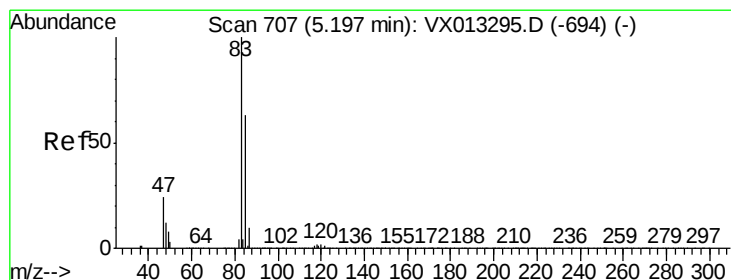
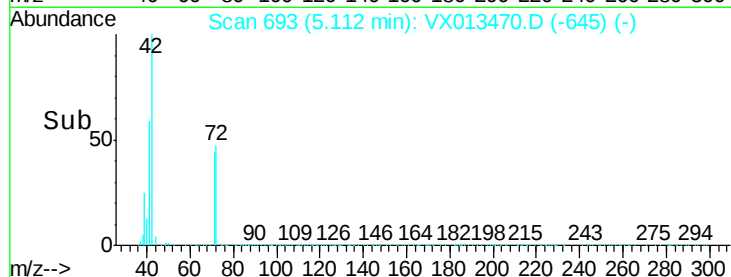
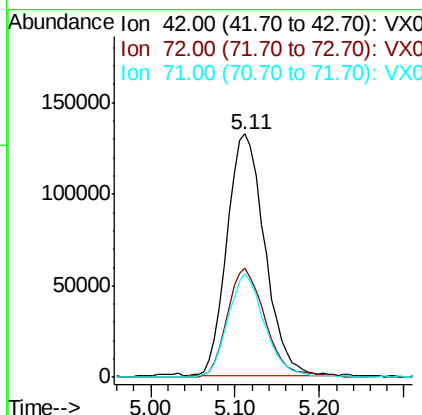
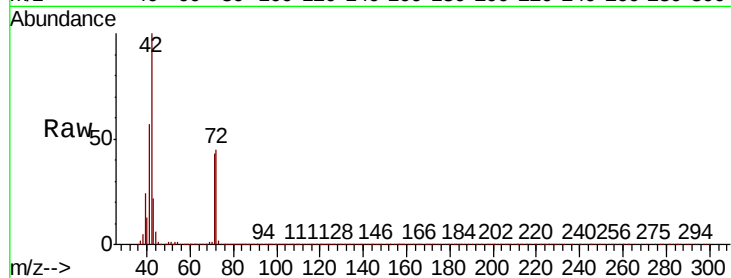
#29
Tetrahydrofuran
Concen: 107.617 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.8	53.8
71	41.7	33.4	50.0

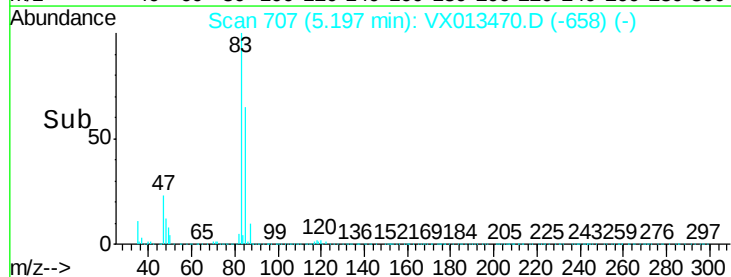
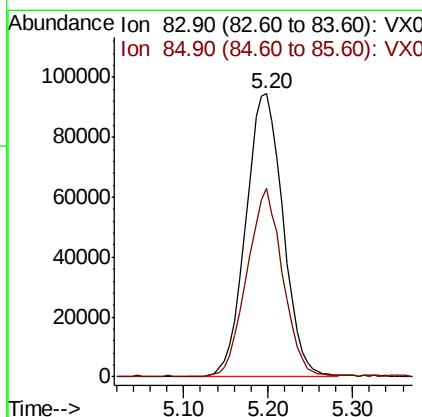
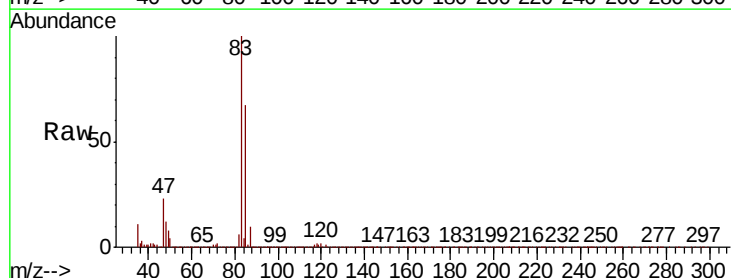
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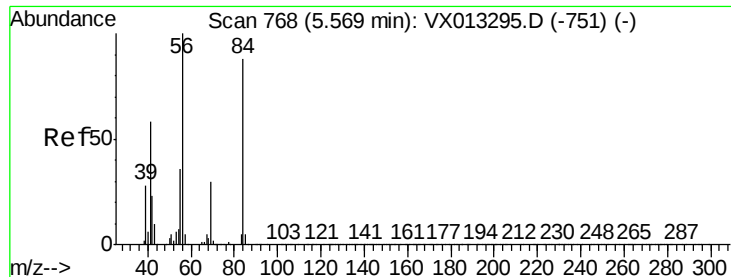
MMDadoda
11/21/2019 9:50:54 AM



#30
Chloroform
Concen: 22.703 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.2	75.4





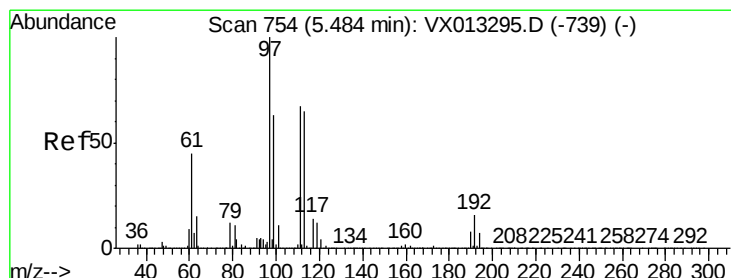
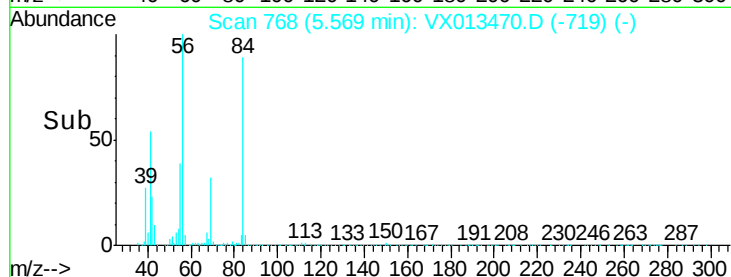
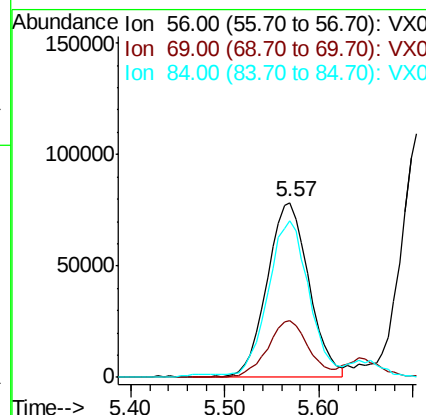
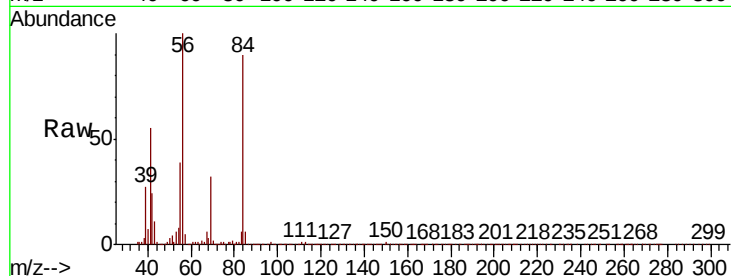
#31
Cvclohexane
Concen: 21.464 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	23.7	35.5
84	88.1	70.6	105.8

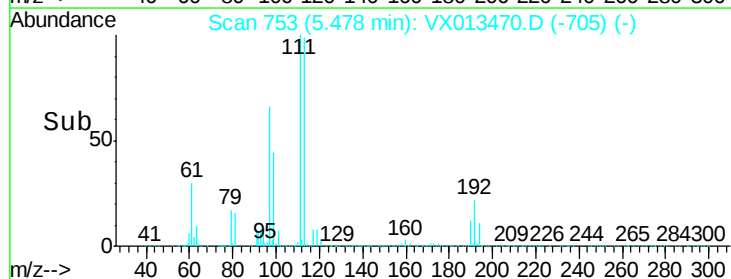
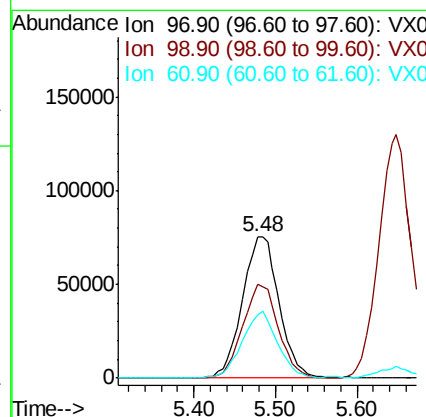
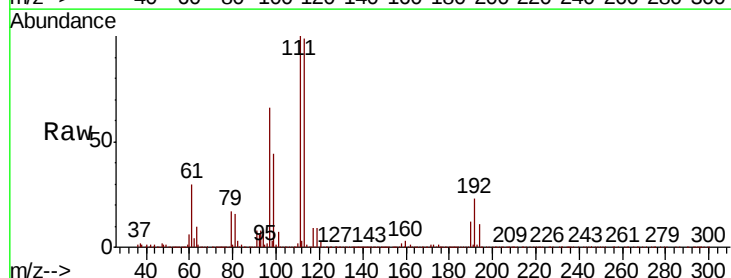
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11/21/2019 9:50:54 AM



#32
1,1,1-Trichloroethane
Concen: 21.666 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.1	76.7
61	45.2	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 48.103 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 65 Resp: 400171

Ion Ratio Lower Upper

65 100

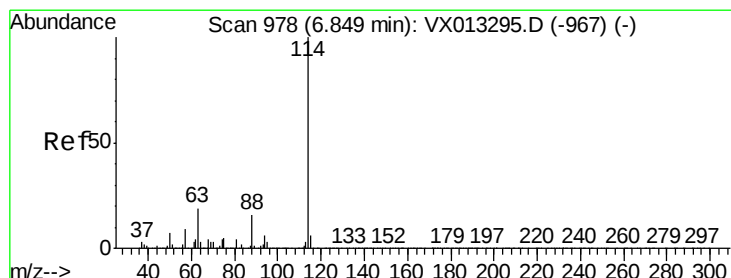
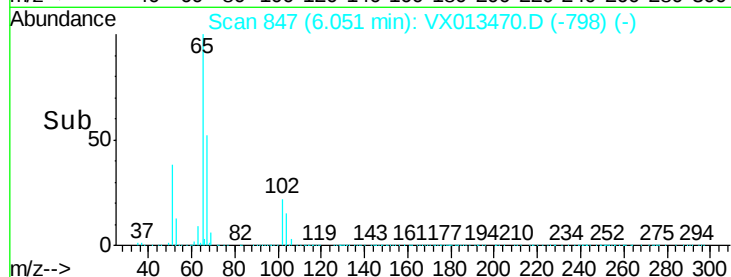
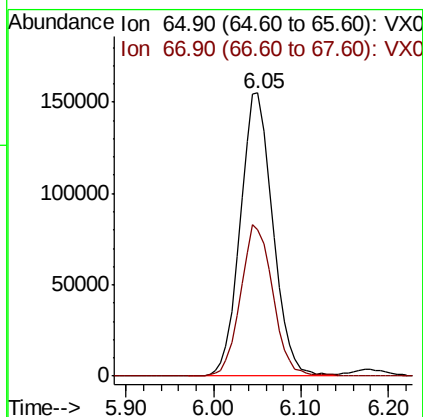
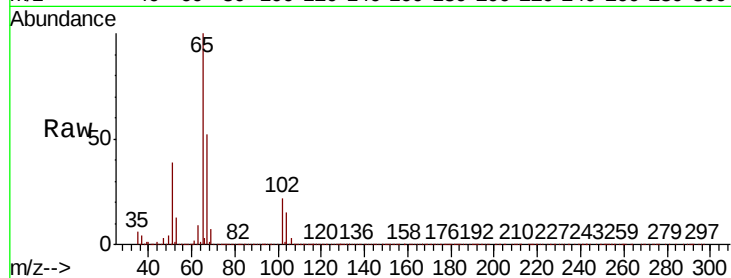
67 52.7 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

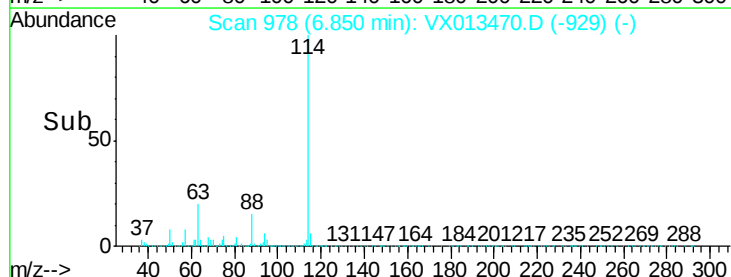
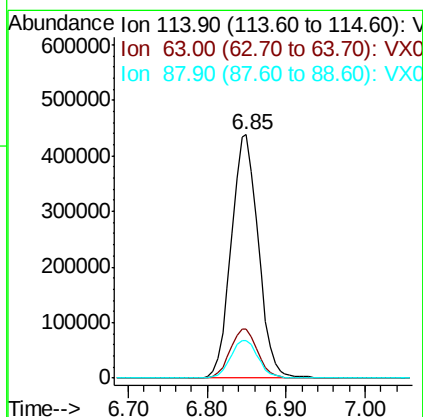
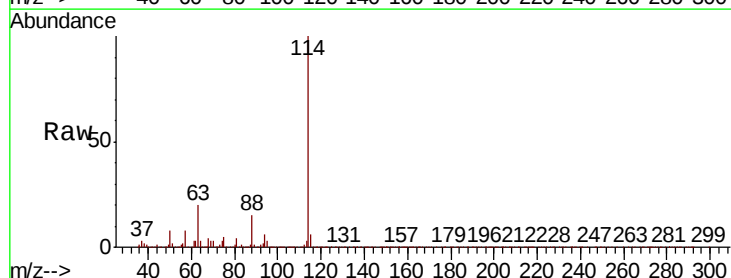
Tgt Ion: 114 Resp: 1045147

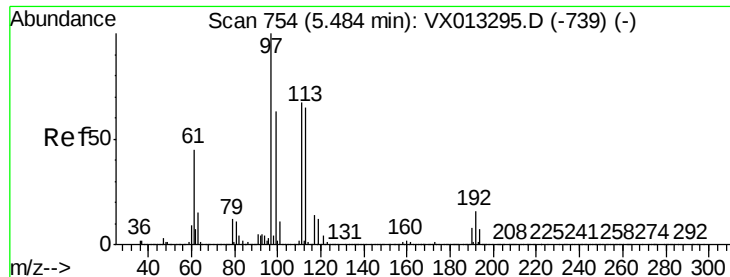
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

88 15.4 0.0 32.2





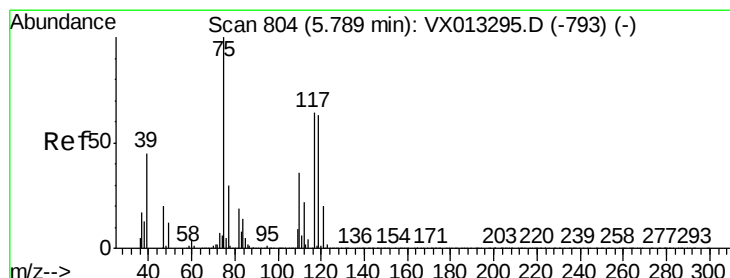
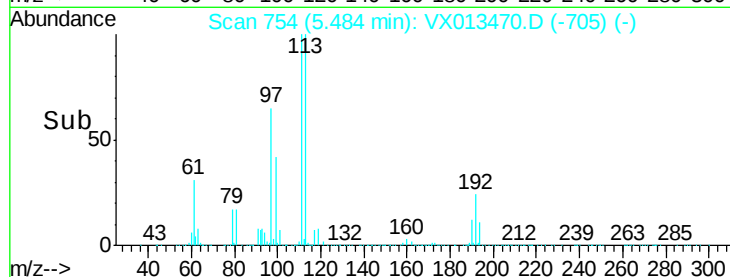
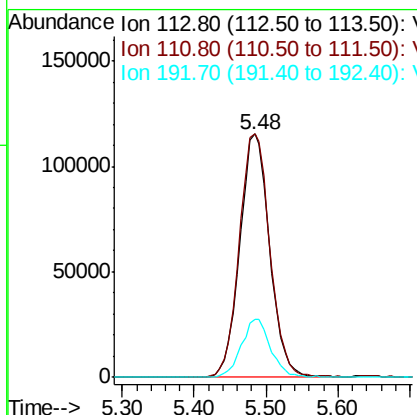
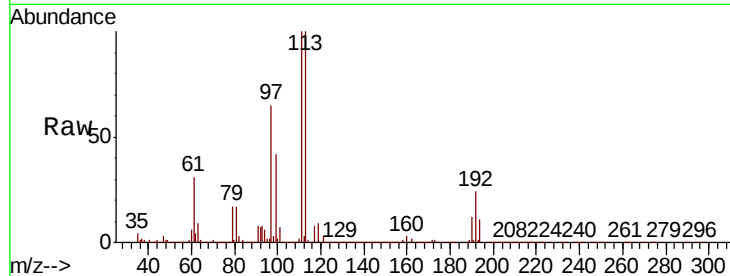
#35
 Dibromofluoromethane
 Concen: 50.481 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.6	81.9	122.9	
192	23.2	19.1	28.7	

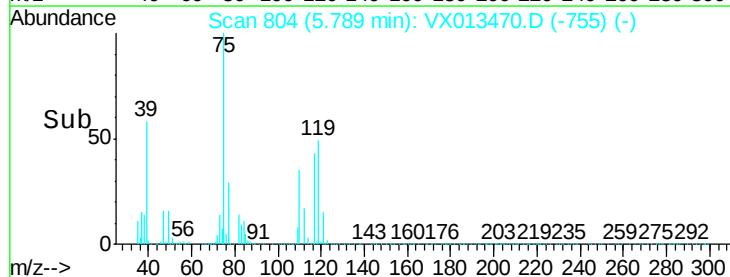
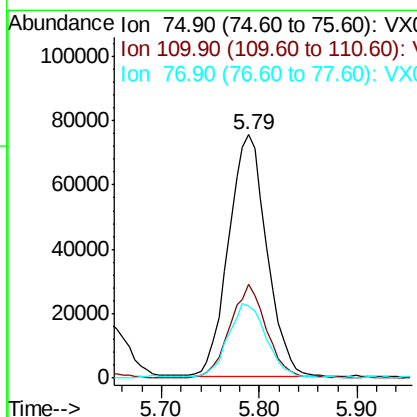
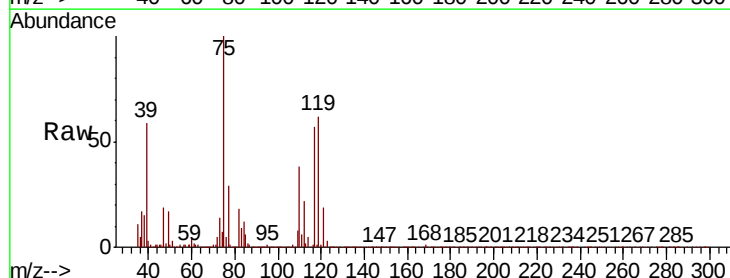
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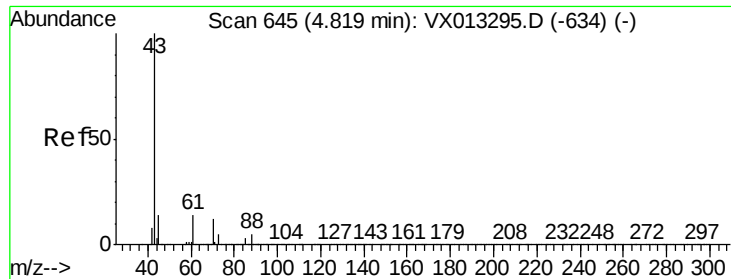
MMDadoda
 11/21/2019 9:50:54 AM



#36
 1,1-Dichloropropene
 Concen: 22.764 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.2	18.1	54.1	
77	30.4	25.0	37.4	





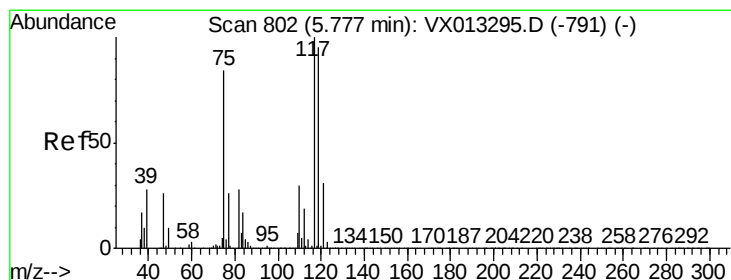
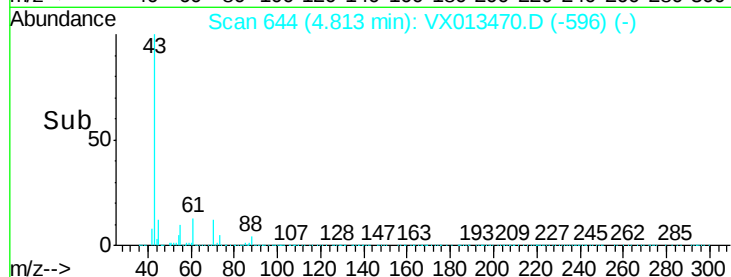
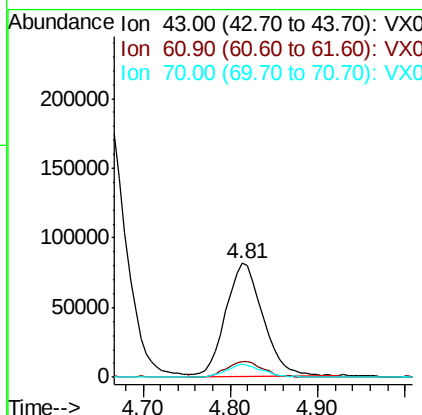
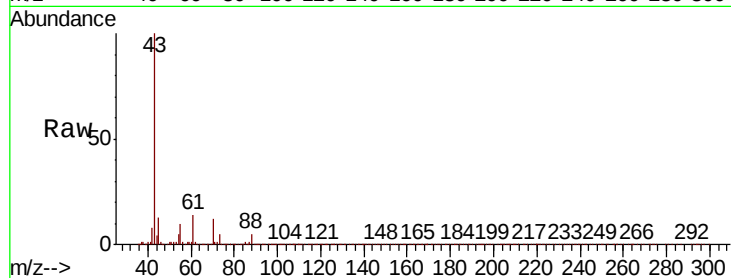
#37
Ethyl Acetate
Concen: 21.782 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.6	8.7	13.1

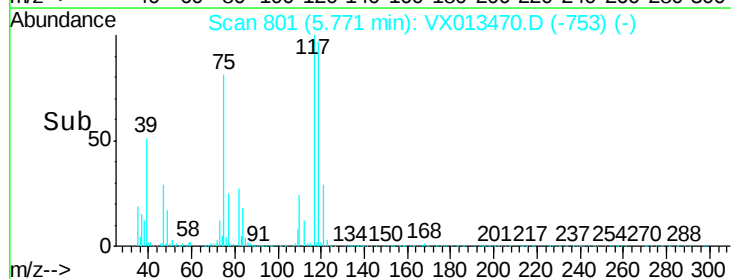
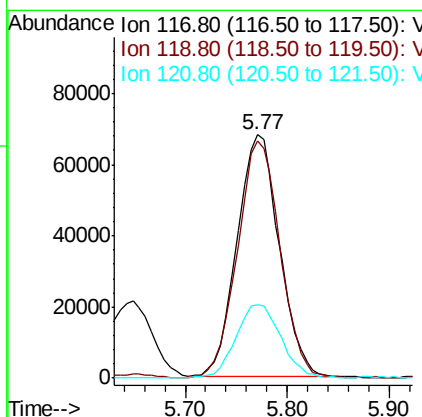
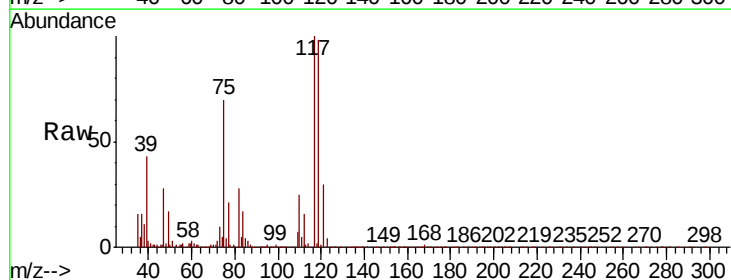
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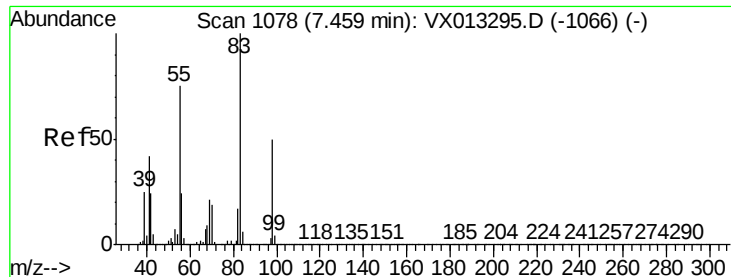
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#38
Carbon Tetrachloride
Concen: 22.428 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.1	114.1
121	29.9	24.6	37.0





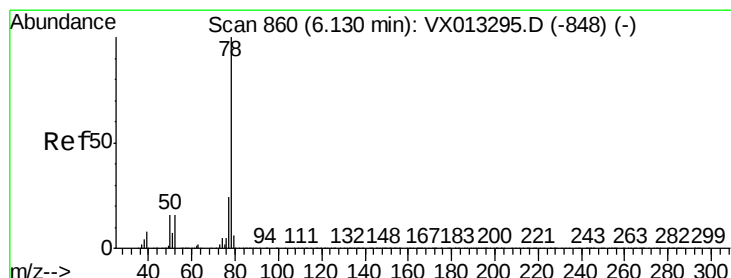
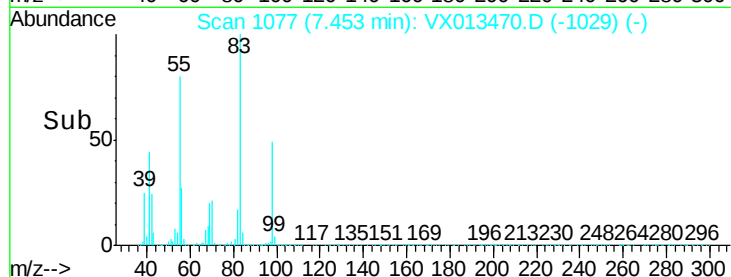
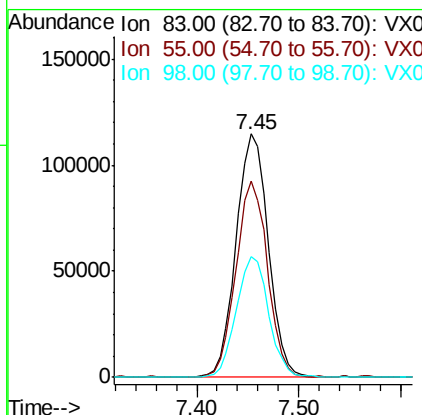
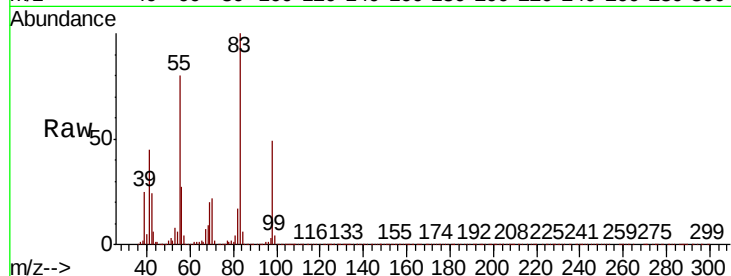
#39
Methylvlcvclohexane
Concen: 22.409 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	60.3	90.5
98	49.2	40.3	60.5

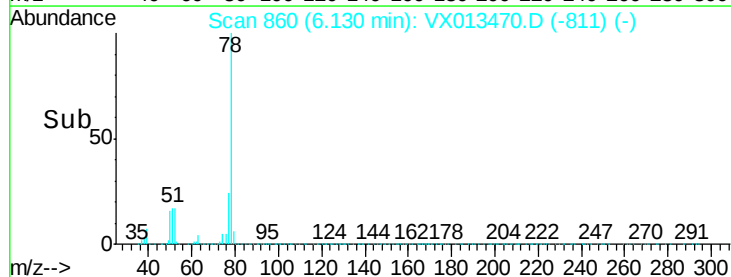
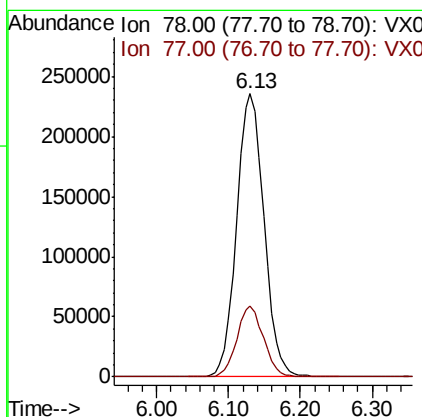
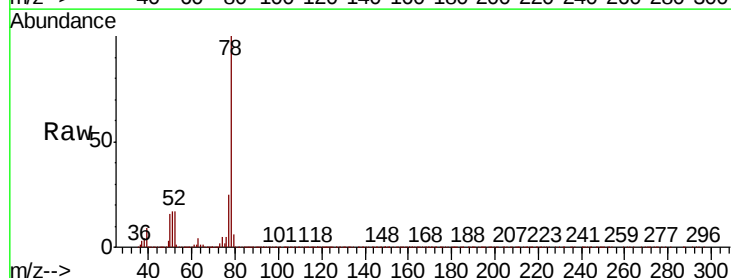
Manual Integrations
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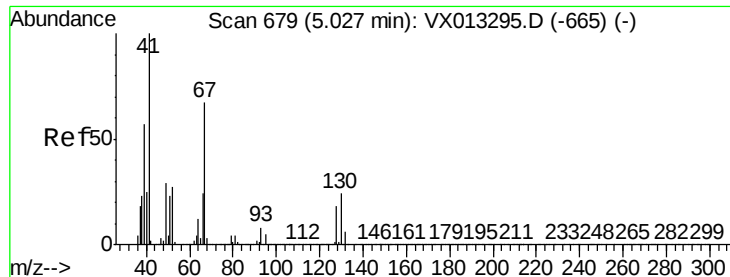
MMDadoda
11/21/2019 9:50:54 AM



#40
Benzene
Concen: 22.247 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.5	29.3





#41

Methacrylonitrile

Concen: 22.391 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

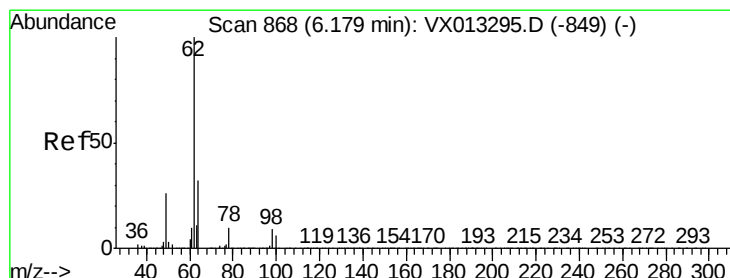
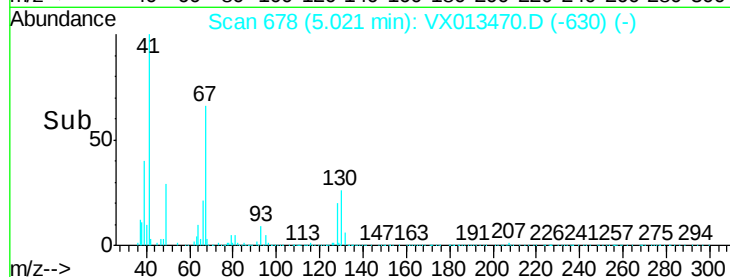
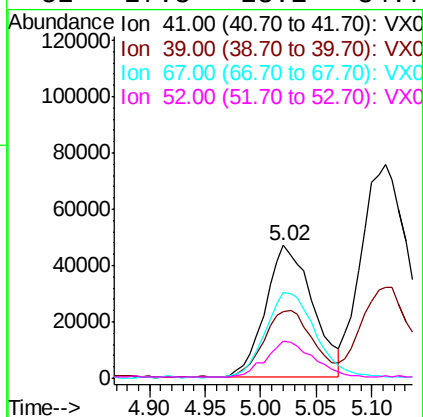
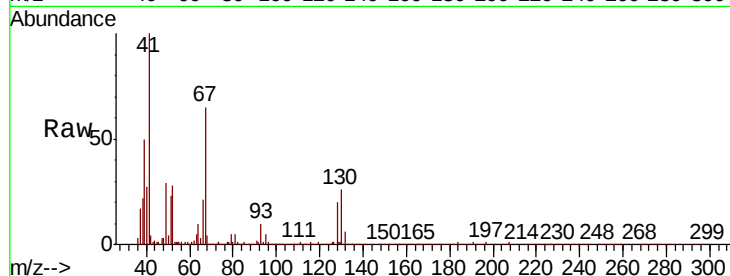
ClientSampleId :

VX1120WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.1	45.0	67.6
67	68.7	55.4	83.2
52	27.3	23.1	34.7

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 22.482 ug/l

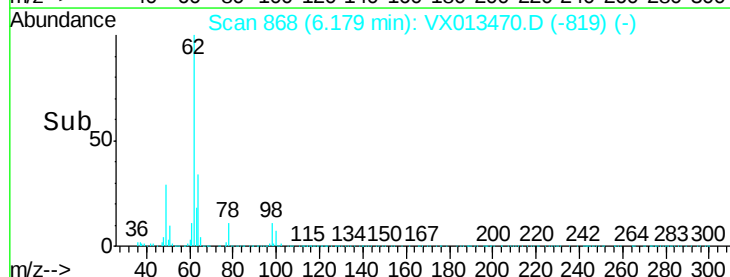
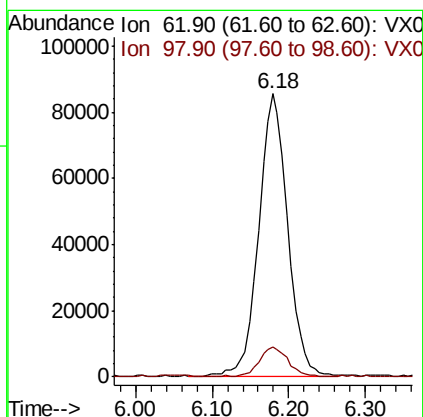
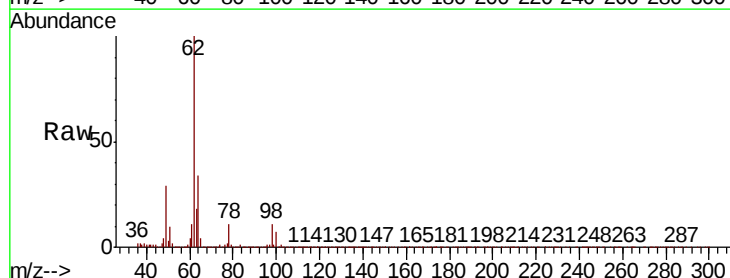
RT: 6.18 min Scan# 868

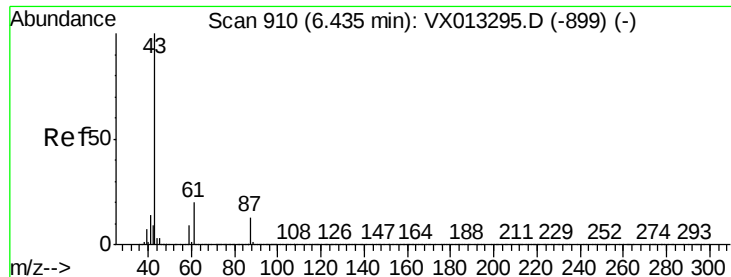
Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.4





#43

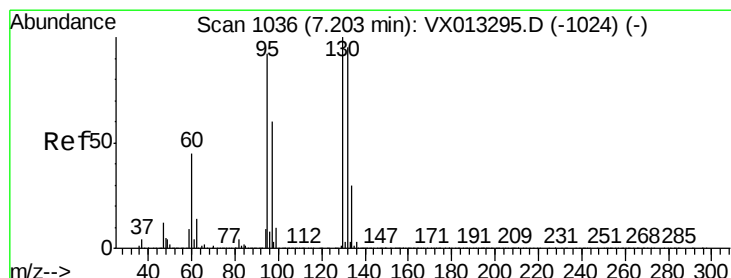
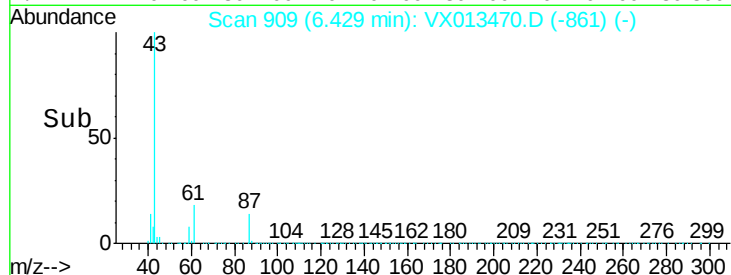
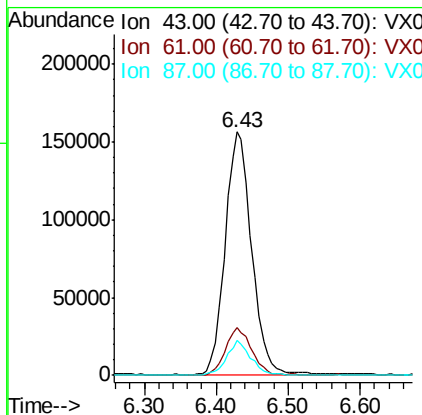
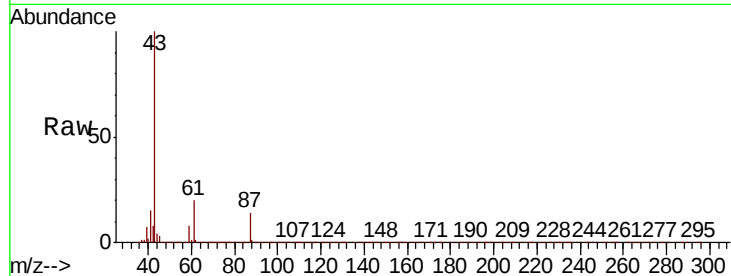
Isopropyl Acetate
 Concen: 23.016 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.8	23.8
87	13.2	10.4	15.6

Manual Integrations
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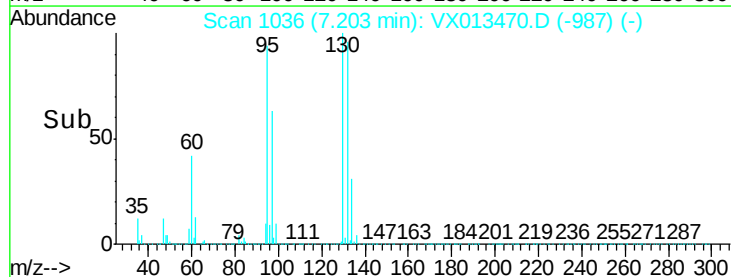
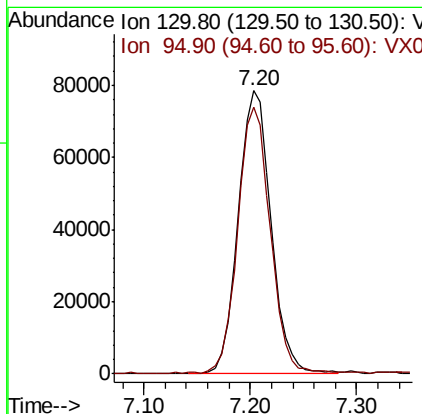
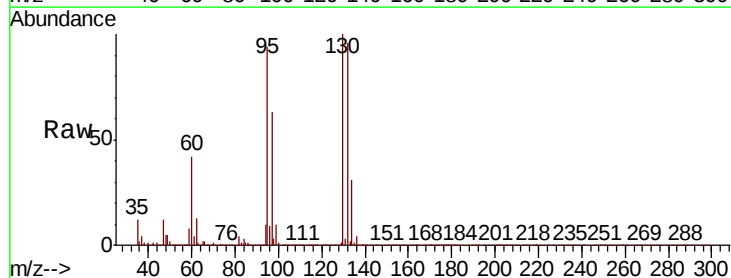
MMDadoda
 11/21/2019 9:50:54 AM

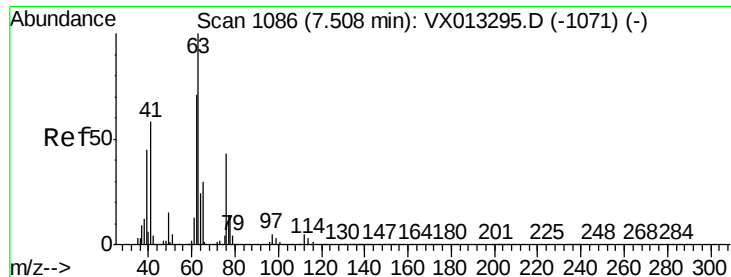


#44

Trichloroethene
 Concen: 22.031 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	184.8





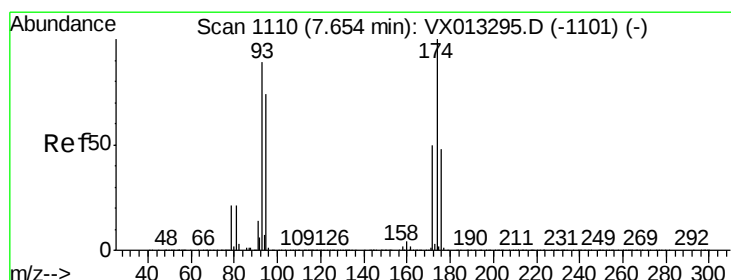
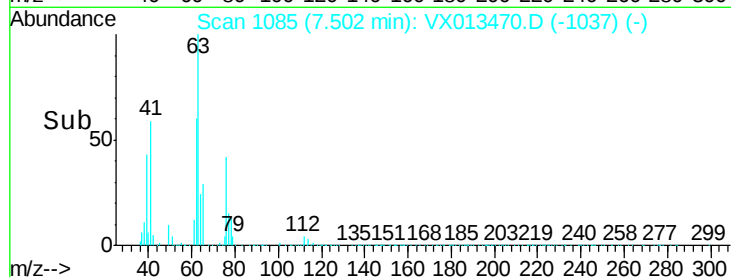
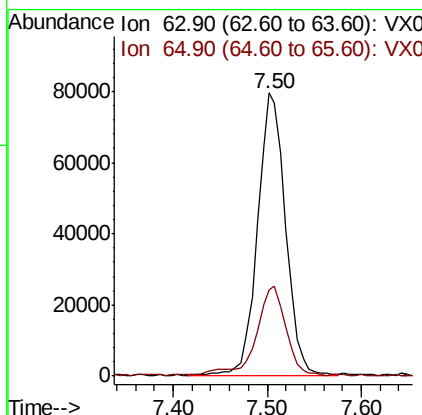
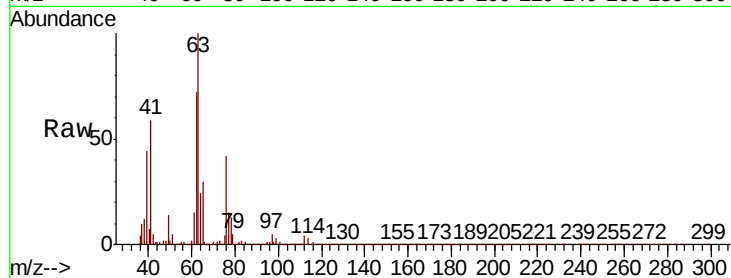
#45
 1,2-Dichloropropane
 Concen: 23.099 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.3	36.5

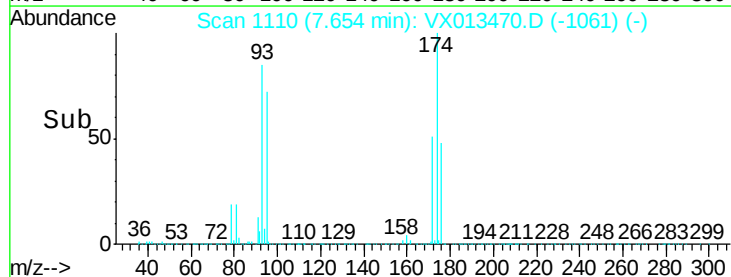
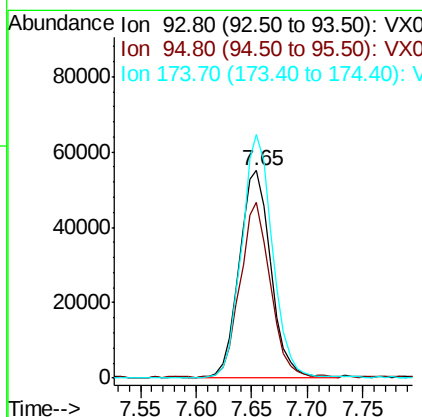
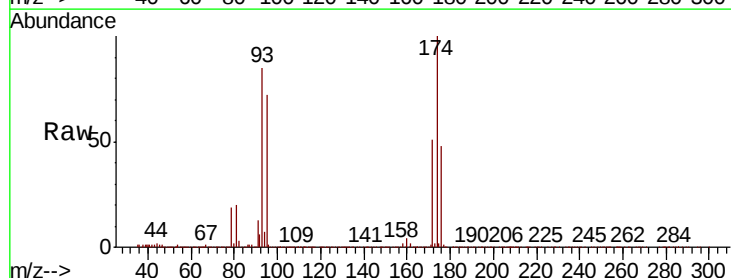
Manual Integrations
 APPROVED

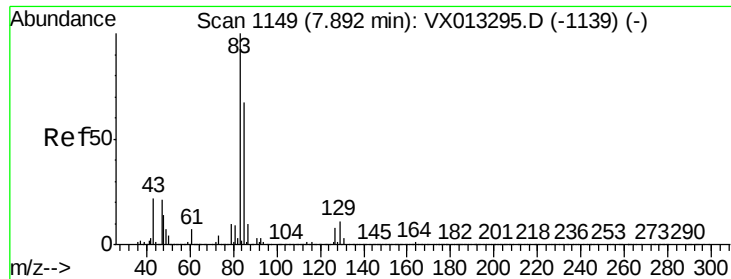
MMDadoda
 11/21/2019 9:50:54 AM



#46
 Dibromomethane
 Concen: 22.197 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.8	98.6
174	115.4	90.4	135.6





#47

Bromodichloromethane

Concen: 23.510 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

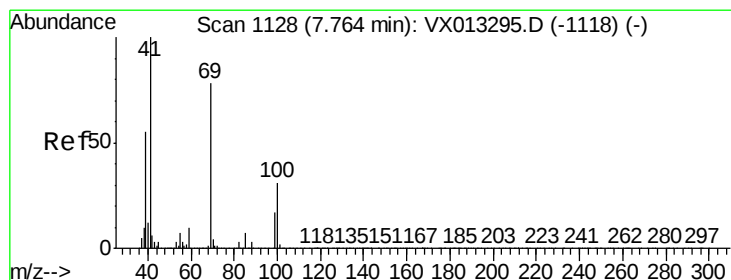
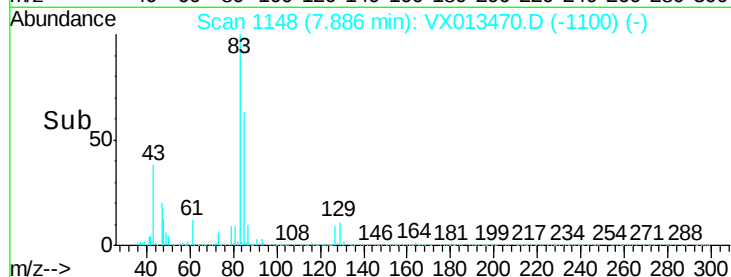
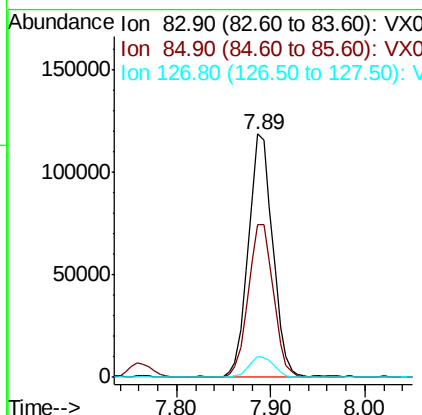
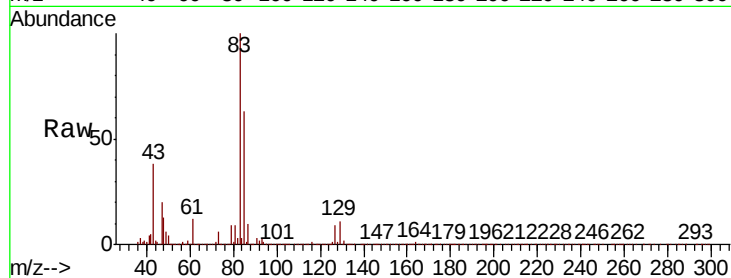
ClientSampleId :

VX1120WBS01

Tot Ion:	83	Resp:	215399
Ion Ratio	Lower	Upper	
83	100		
85	62.7	53.7	80.5
127	8.7	6.4	9.6

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#48

Methyl methacrylate

Concen: 22.520 ug/l

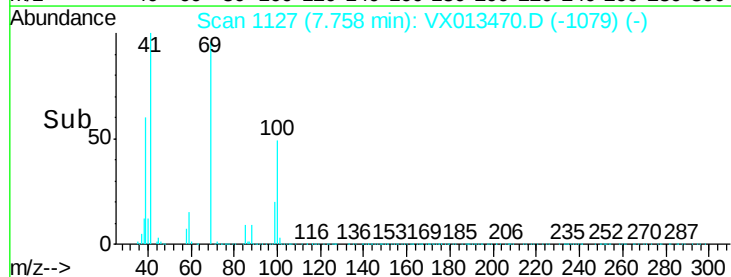
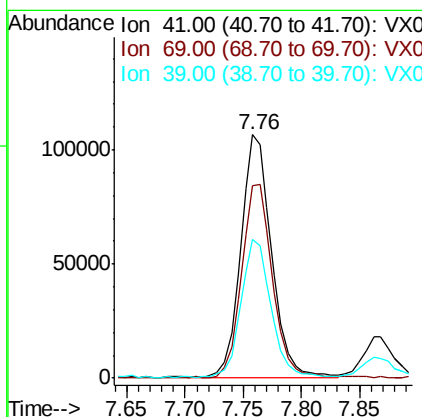
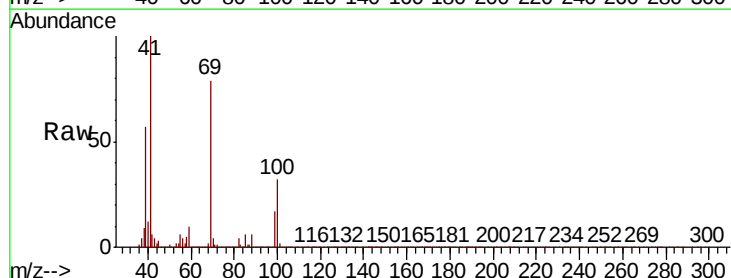
RT: 7.76 min Scan# 1127

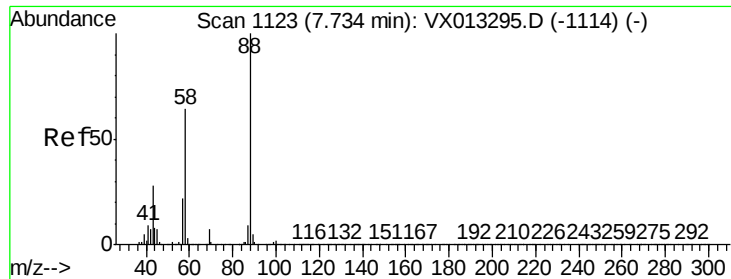
Delta R.T. -0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Tgt Ion:	41	Resp:	193935
Ion Ratio	Lower	Upper	
41	100		
69	81.3	63.0	94.6
39	55.3	45.9	68.9





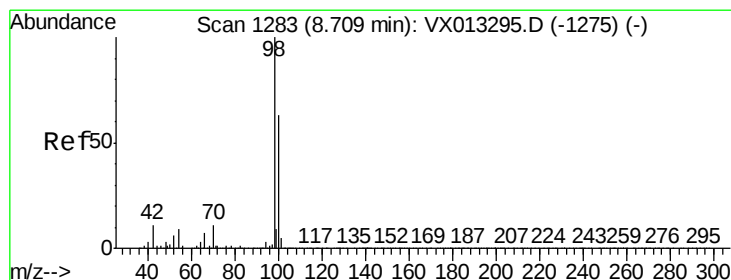
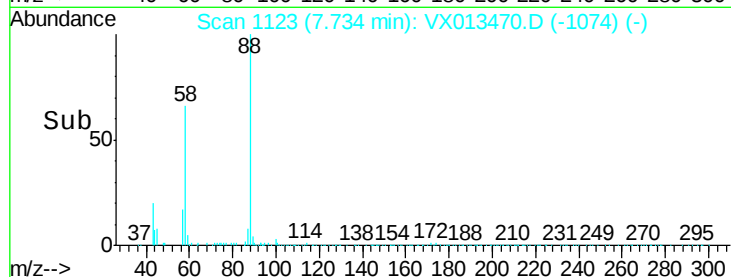
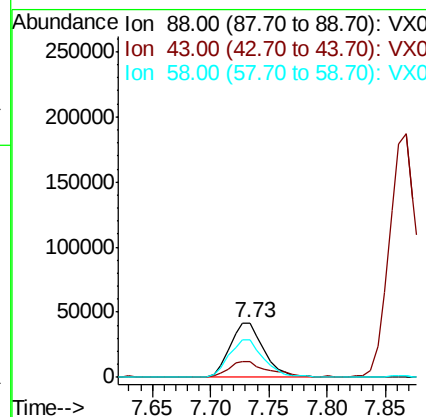
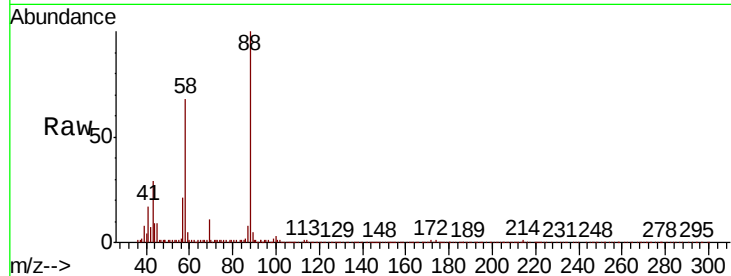
#49
1,4-Dioxane
Concen: 423.206 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.6	39.8
58	72.9	55.0	82.6

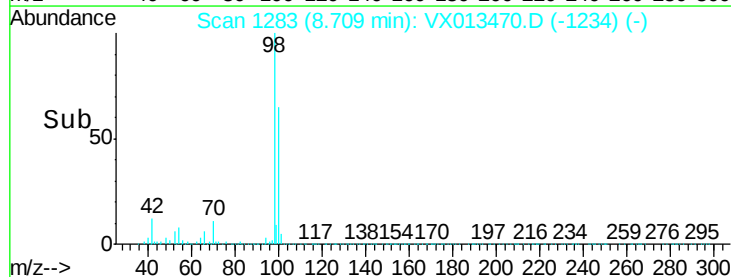
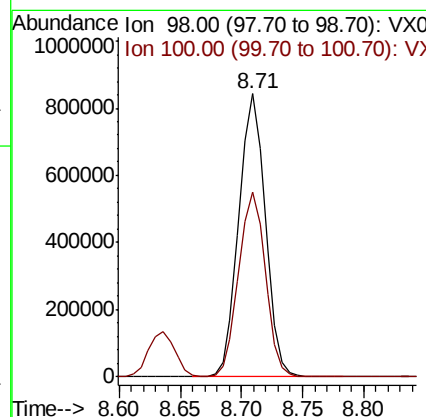
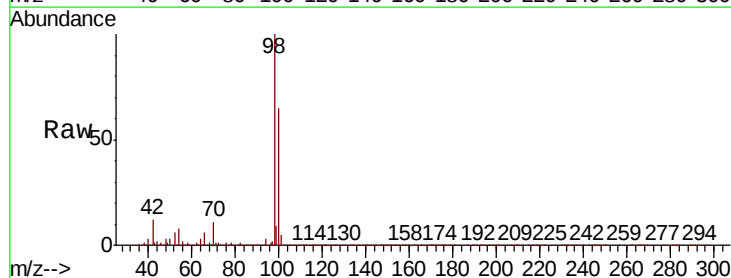
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#50
Toluene-d8
Concen: 51.188 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 110.723 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 43 Resp: 1253251

Ion Ratio Lower Upper

43 100

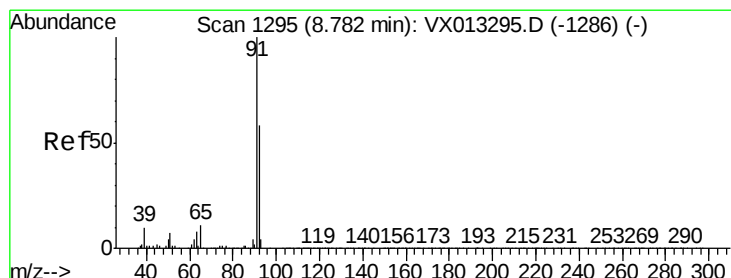
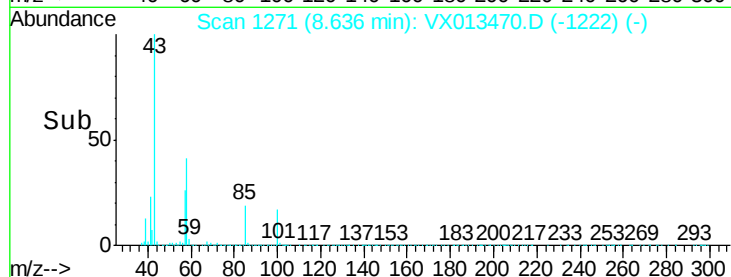
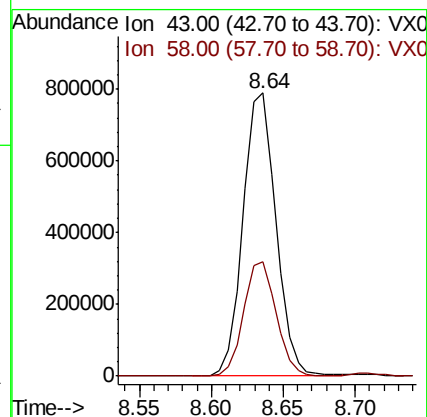
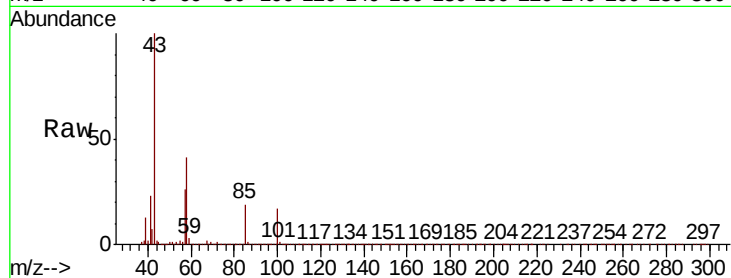
58 40.1 31.4 47.0

Manual Integrations

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#52

Toluene

Concen: 23.093 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013470.D

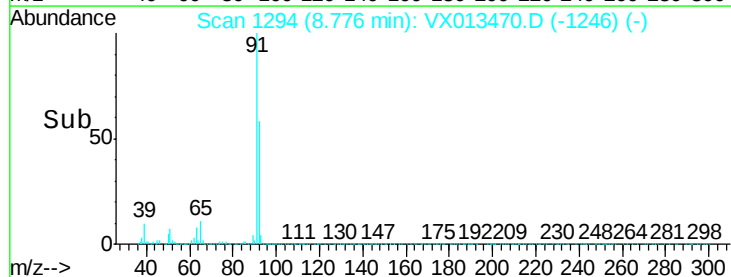
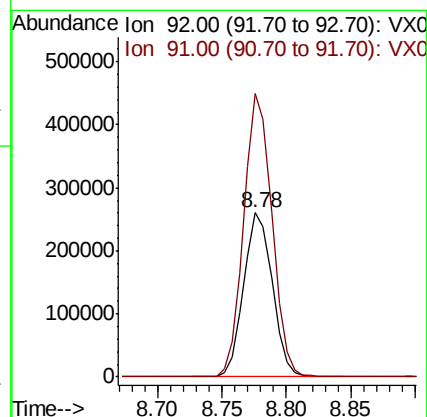
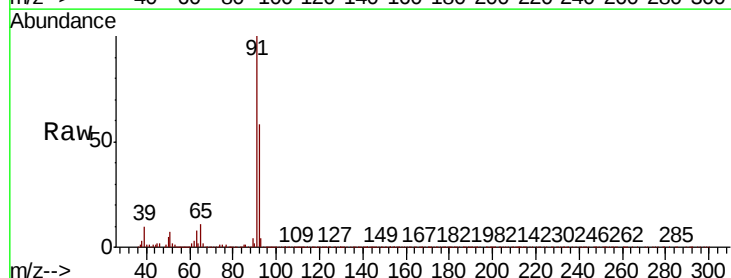
Acq: 20 Nov 2019 11:03

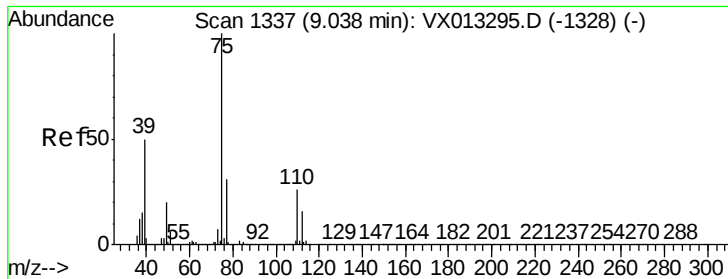
Tgt Ion: 92 Resp: 399752

Ion Ratio Lower Upper

92 100

91 170.9 138.0 207.0





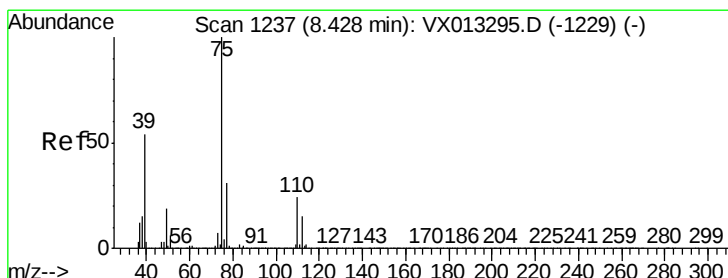
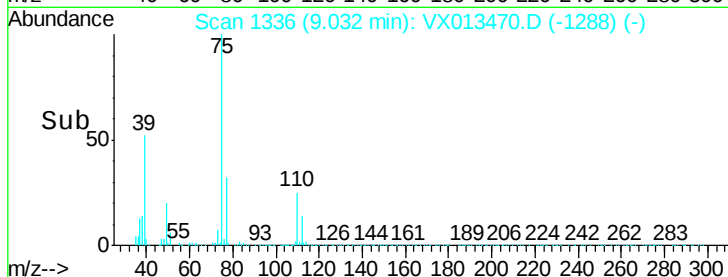
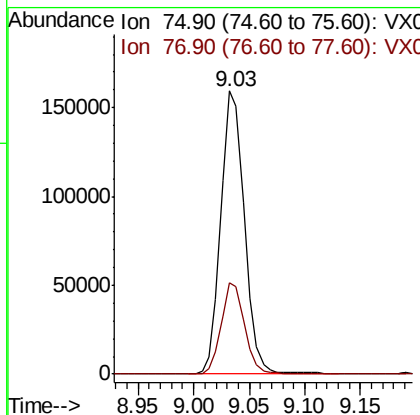
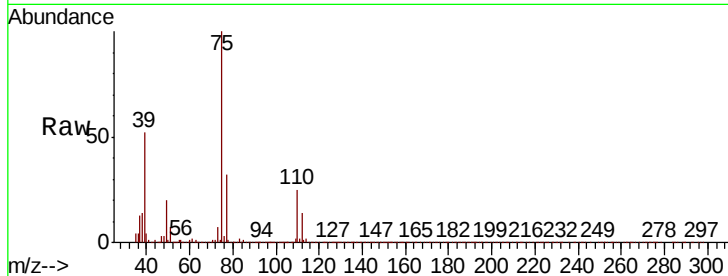
#53
t-1,3-Dichloropropene
Concen: 23.282 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.0	37.4

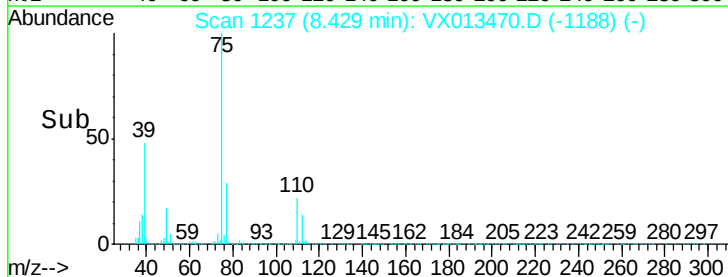
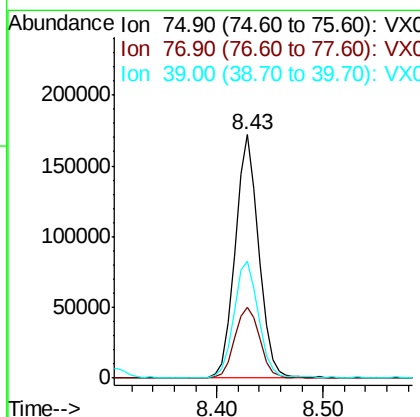
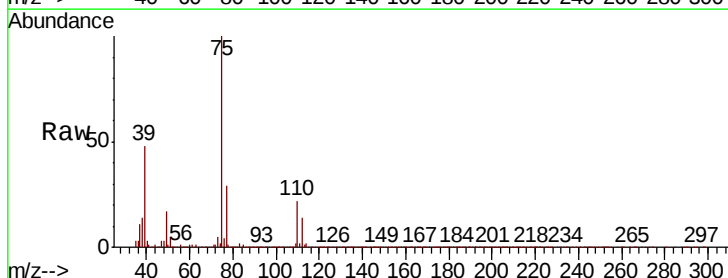
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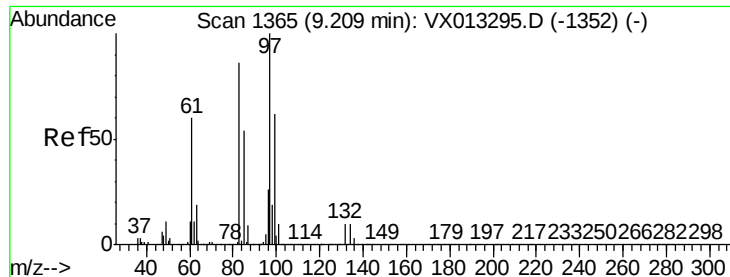
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 23.844 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.0	24.7	37.1
39	47.9	43.0	64.6





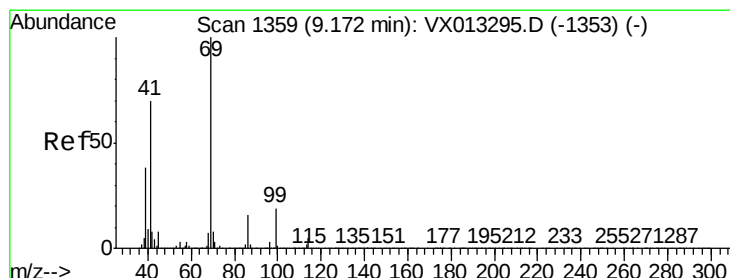
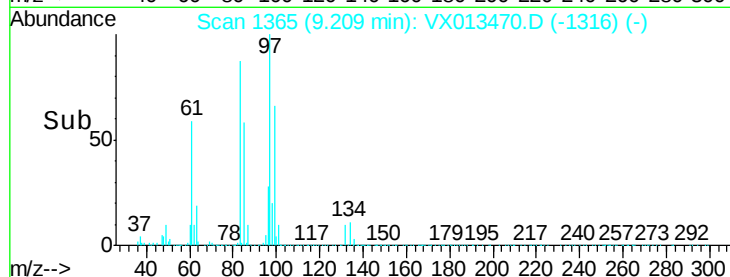
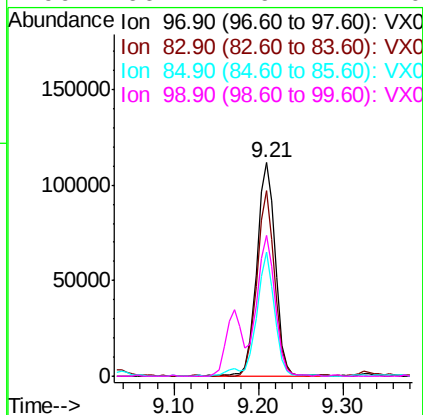
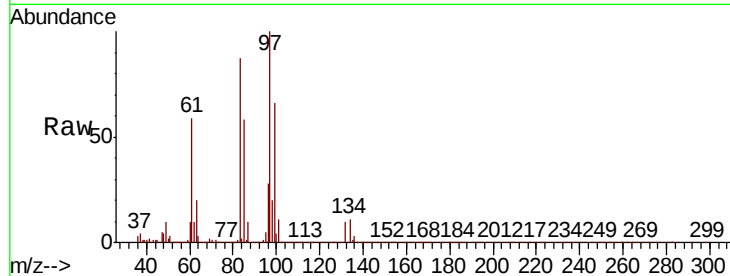
#55
 1,1,2-Trichloroethane
 Concen: 23.322 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		167335		
83	87.0	68.6	103.0		
85	58.1	43.1	64.7		
99	66.2	49.4	74.0		

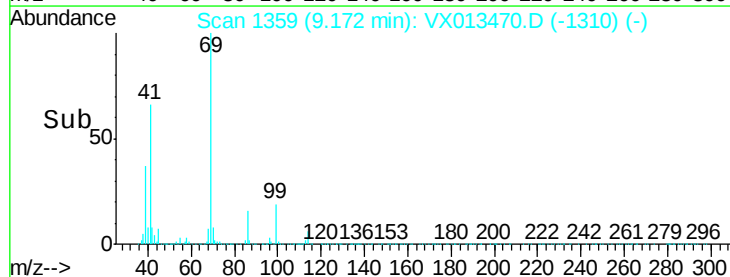
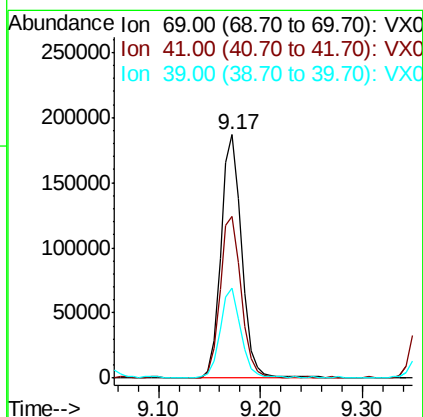
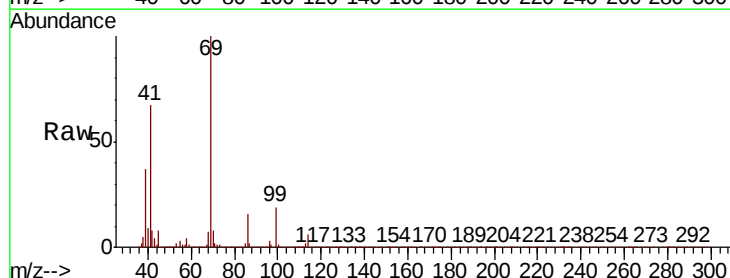
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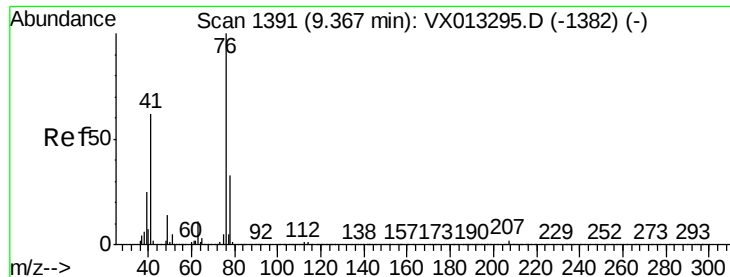
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#56
 Ethyl methacrylate
 Concen: 22.445 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		264042		
41	67.4	56.2	84.2		
39	36.3	31.1	46.7		





#57

1,3-Dichloropropane

Concen: 22.967 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 76 Resp: 279735

Ion Ratio Lower Upper

76 100

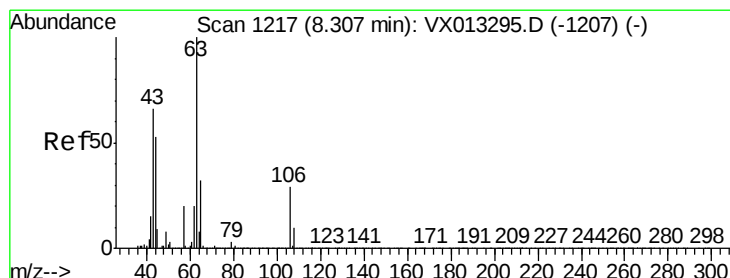
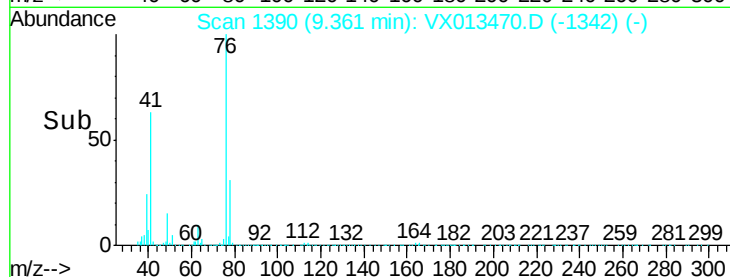
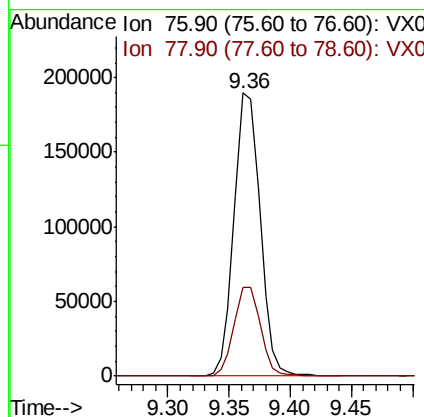
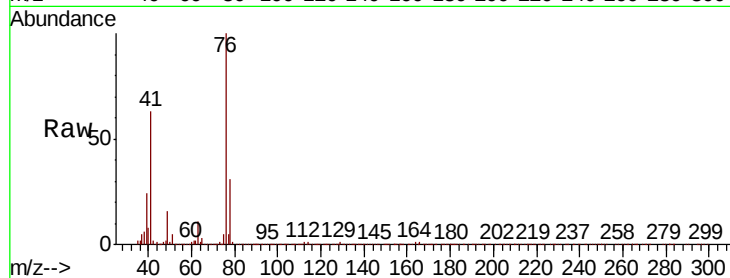
78 31.9 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 94.989 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013470.D

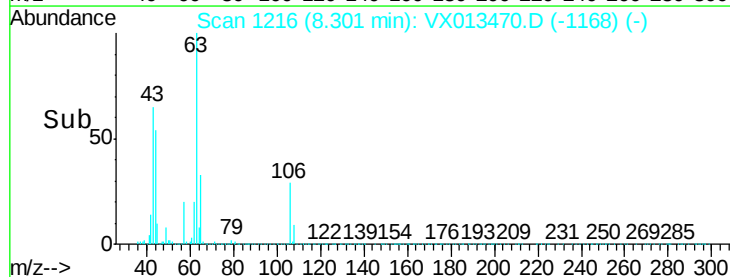
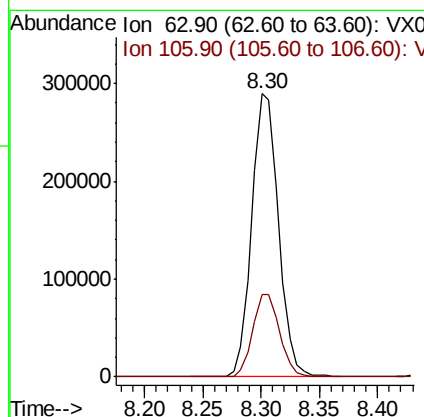
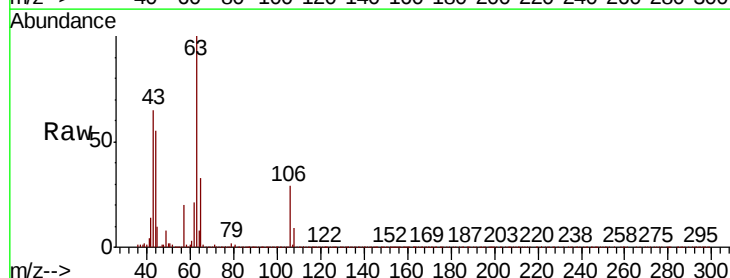
Acq: 20 Nov 2019 11:03

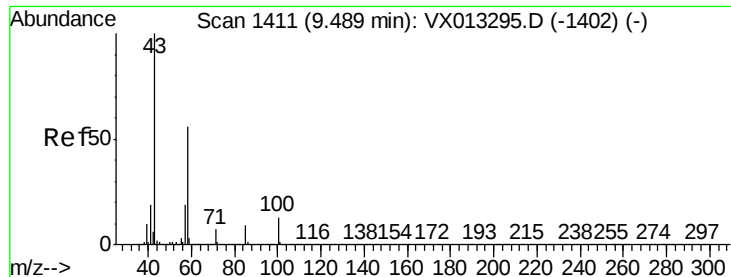
Tgt Ion: 63 Resp: 466002

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2





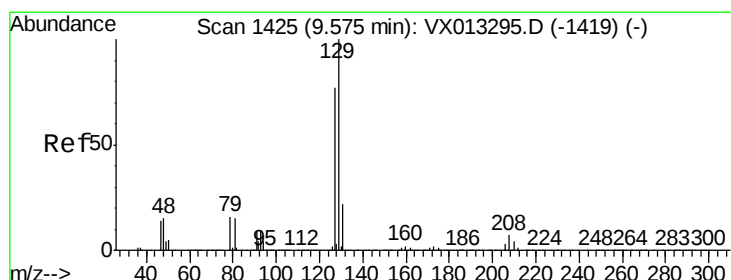
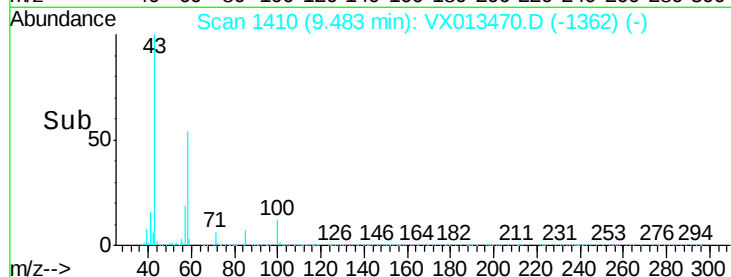
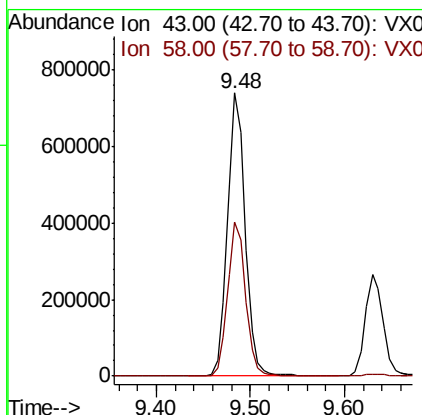
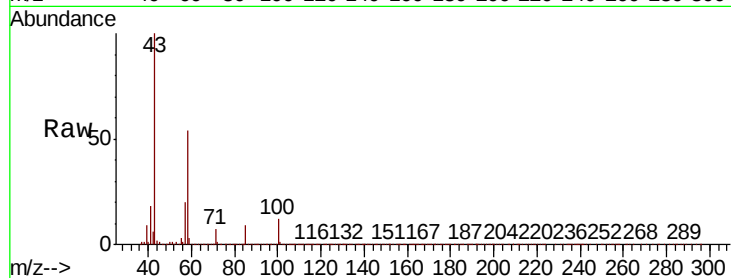
#59
2-Hexanone
Concen: 110.717 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion: 43 Resp: 968433
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8

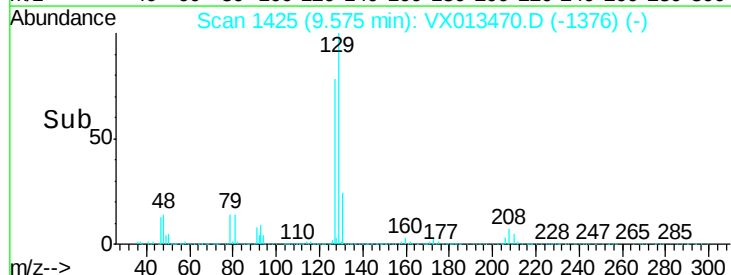
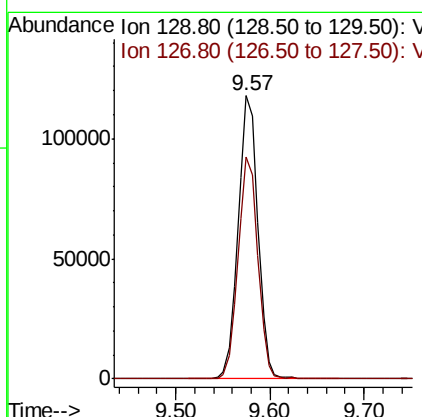
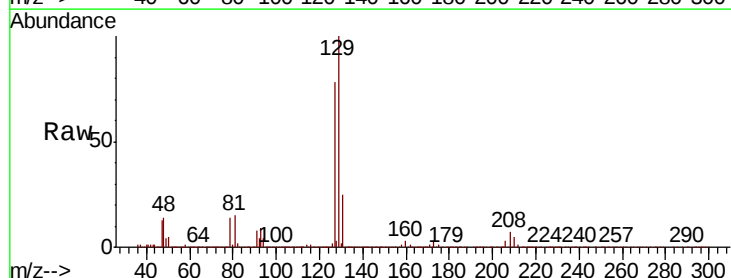
Manual Integrations
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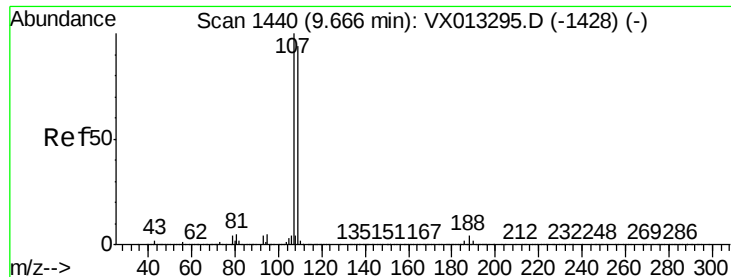
MMDadoda
11/21/2019 9:50:54 AM



#60
Dibromochloromethane
Concen: 23.342 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion: 129 Resp: 171283
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 22.703 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 107 Resp: 172972

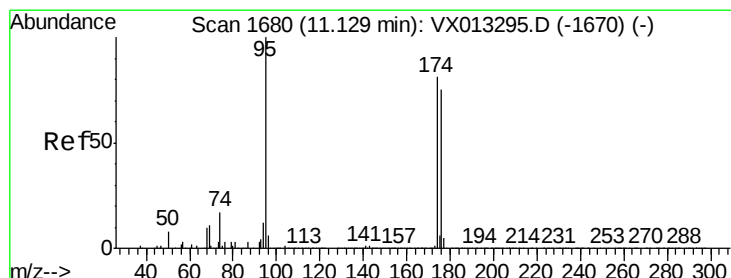
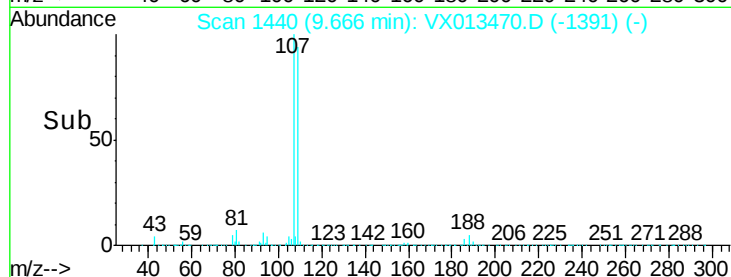
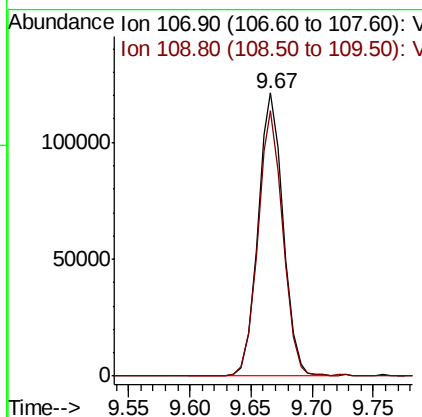
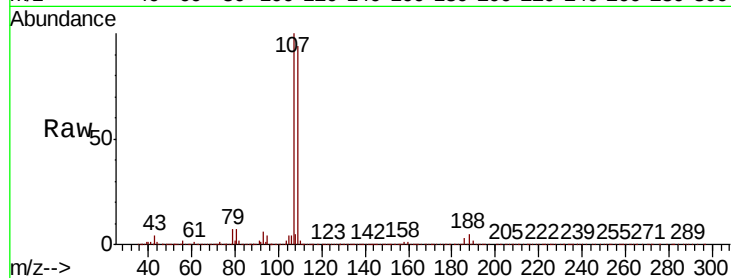
Ion Ratio Lower Upper

107 100

109 93.3 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 50.756 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

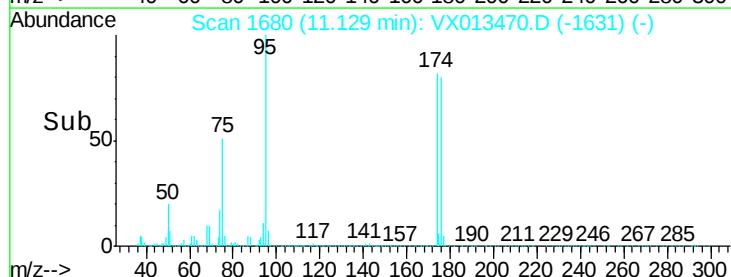
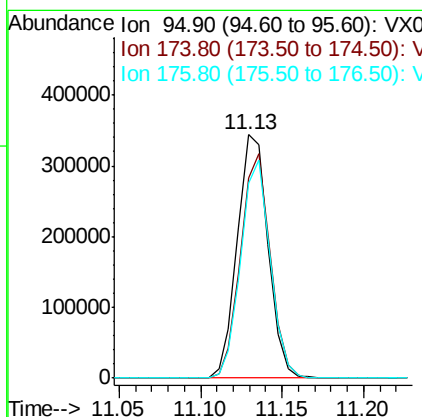
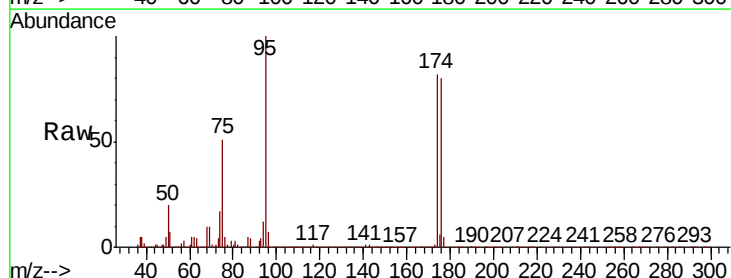
Tgt Ion: 95 Resp: 452692

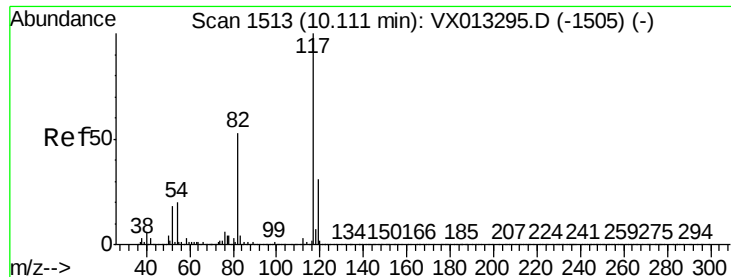
Ion Ratio Lower Upper

95 100

174 89.0 0.0 179.8

176 86.3 0.0 173.0





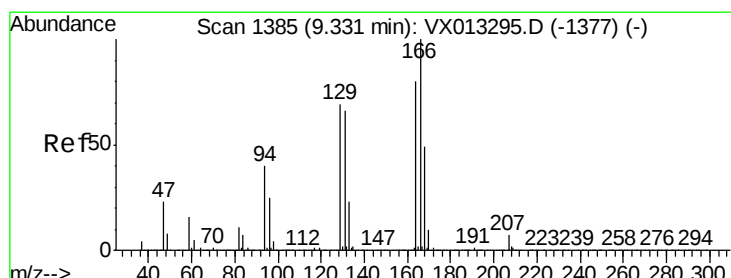
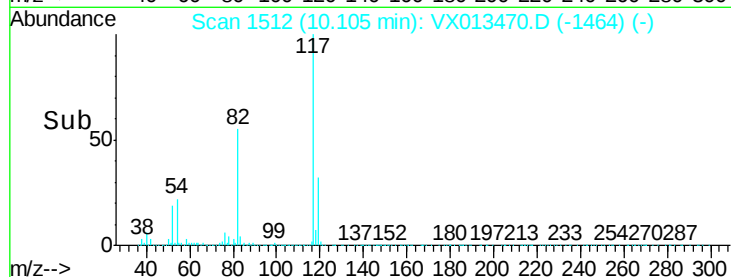
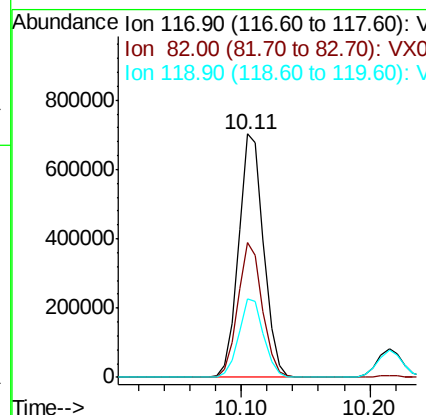
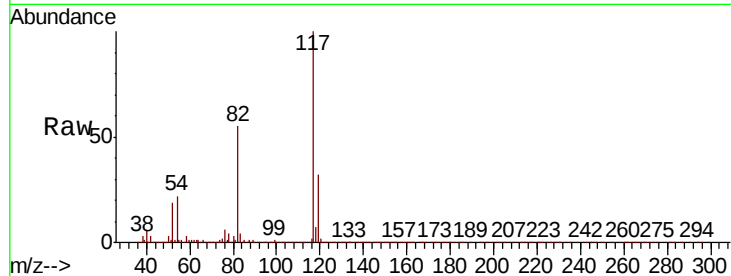
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	946784		
82	55.1	42.6	64.0	
119	32.3	24.8	37.2	

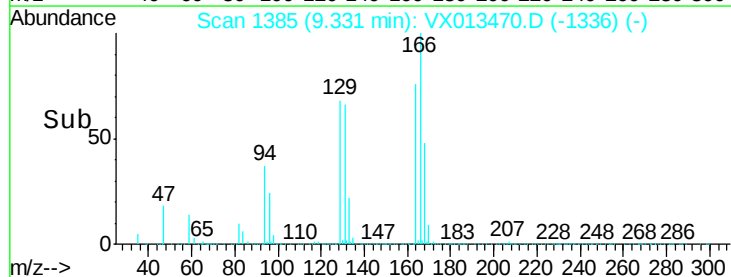
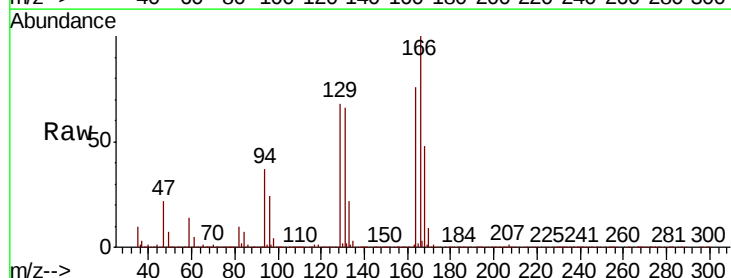
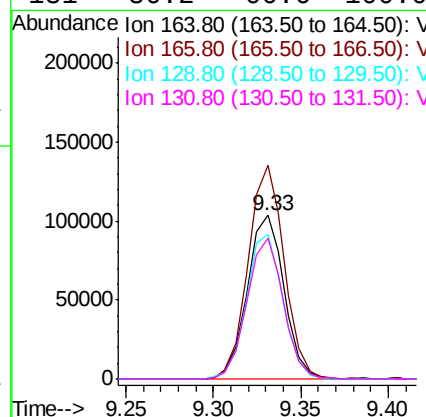
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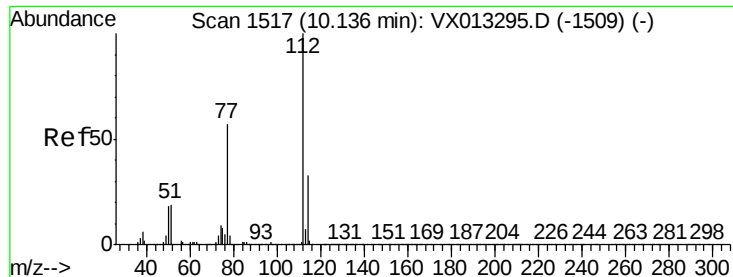
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#64
Tetrachloroethene
Concen: 22.435 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	152059		
166	130.6	100.4	150.6	
129	88.4	69.4	104.2	
131	86.2	66.6	100.0	





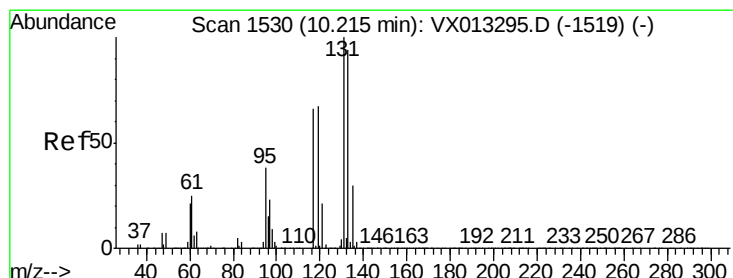
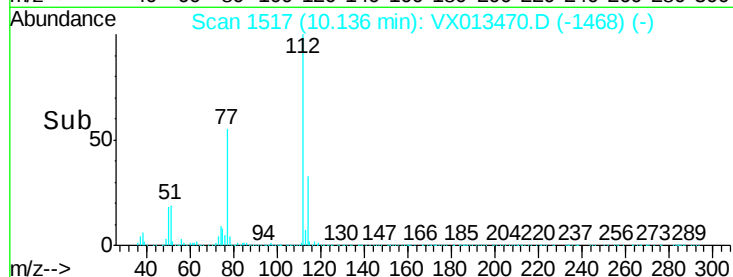
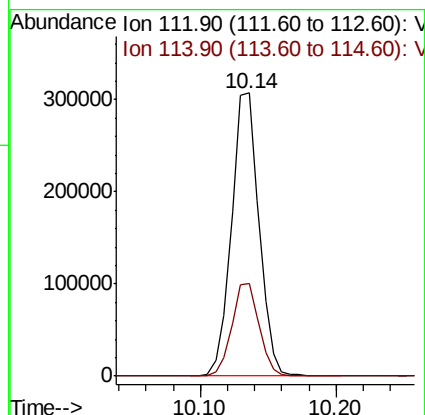
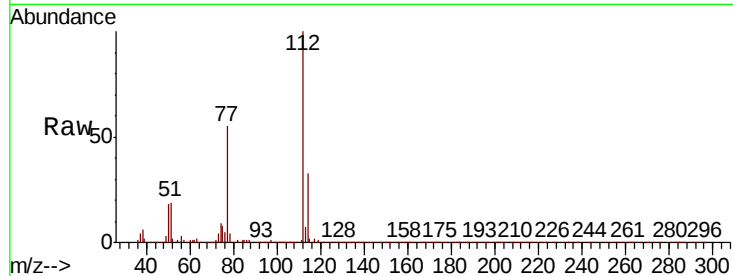
#65
Chlorobenzene
Concen: 22.604 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	26.4	39.6

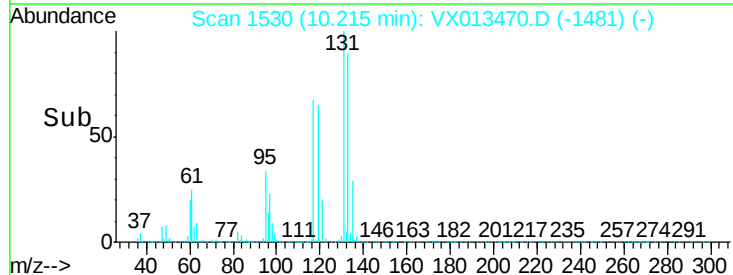
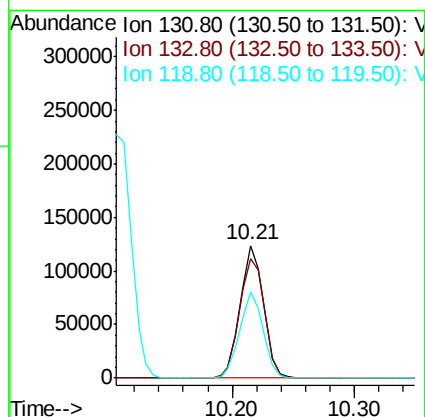
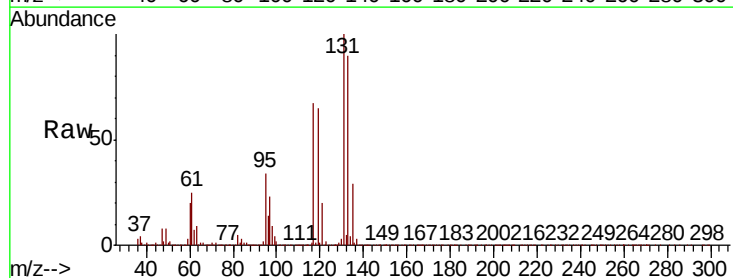
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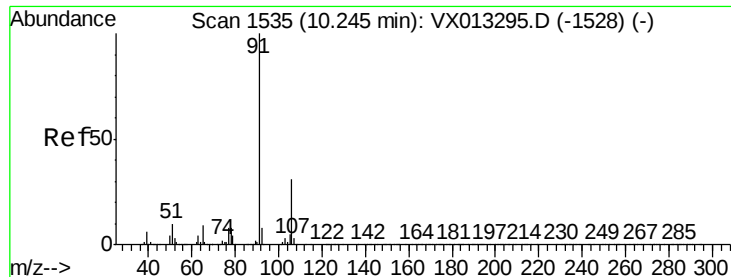
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#66
1,1,1,2-Tetrachloroethane
Concen: 23.165 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	48.0	144.0
119	64.8	33.0	99.0





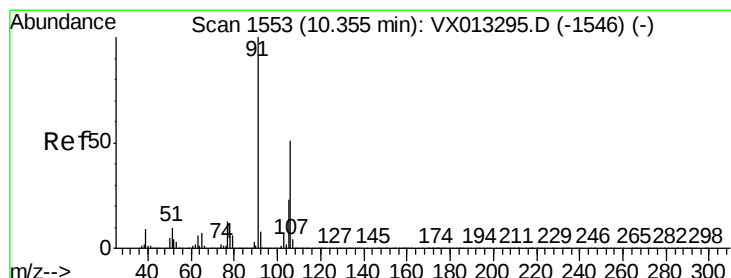
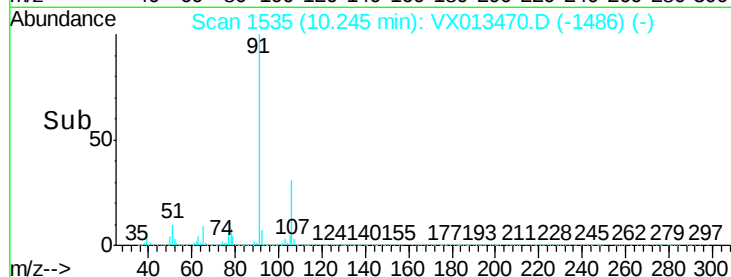
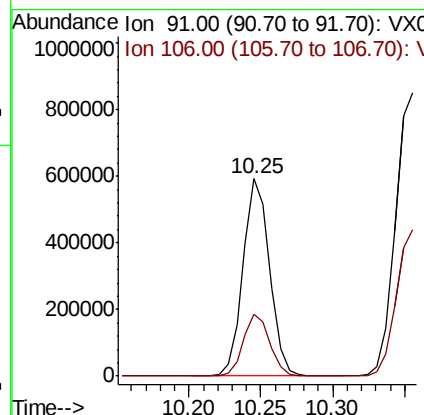
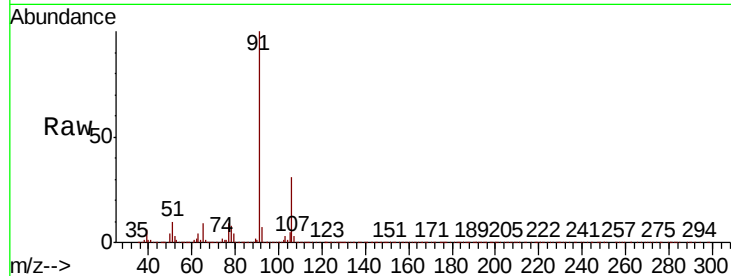
#67
Ethyl Benzene
Concen: 22.957 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion: 91 Resp: 759448
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8

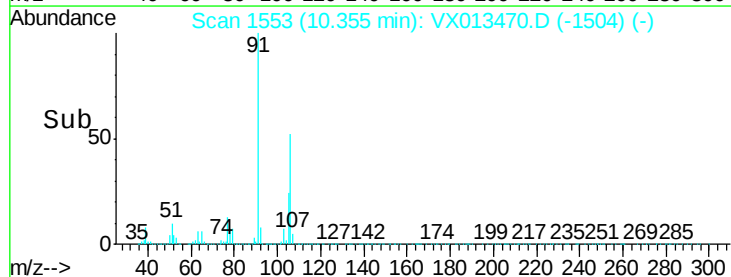
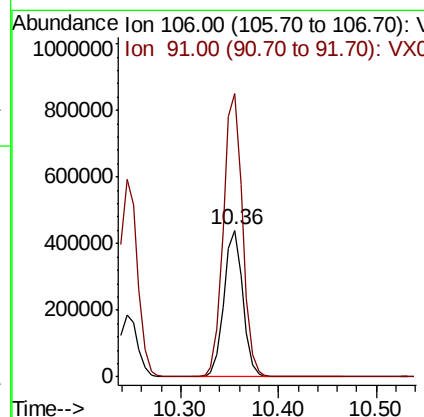
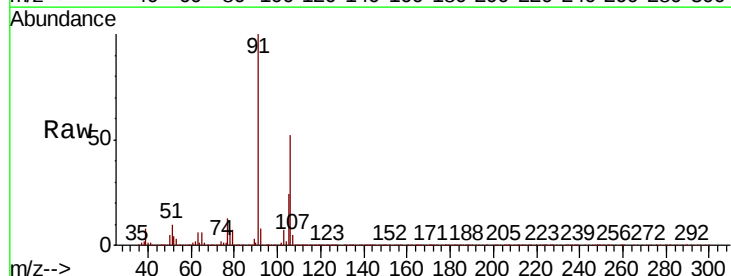
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#68
m/p-Xylenes
Concen: 46.843 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion: 106 Resp: 586064
Ion Ratio Lower Upper
106 100
91 196.6 159.3 238.9





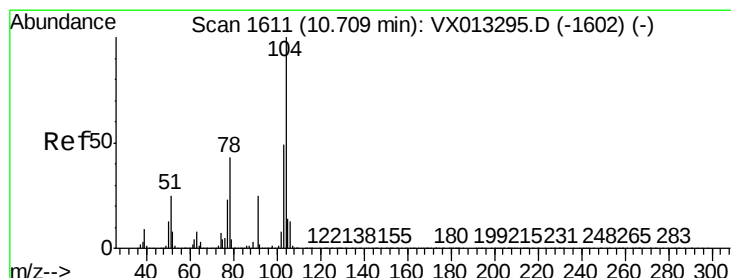
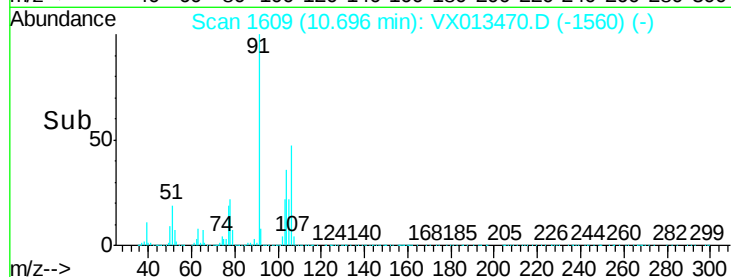
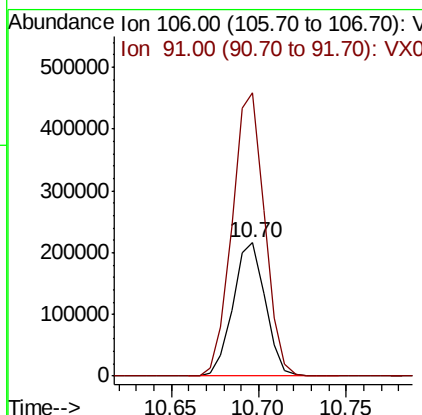
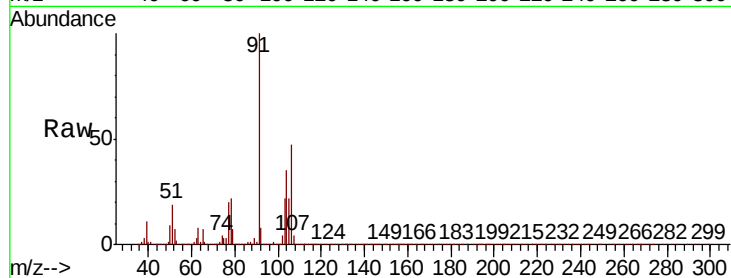
#69
o-Xylene
Concen: 22.687 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion:106 Resp: 277889
Ion Ratio Lower Upper
106 100
91 212.7 105.7 317.0

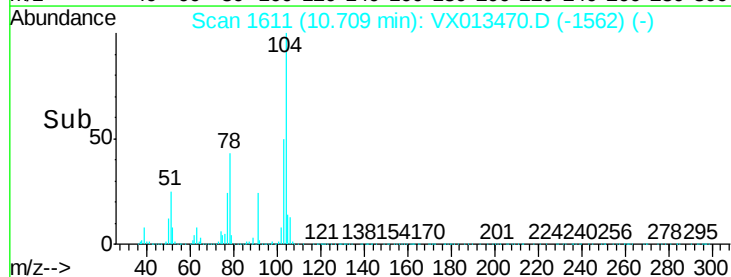
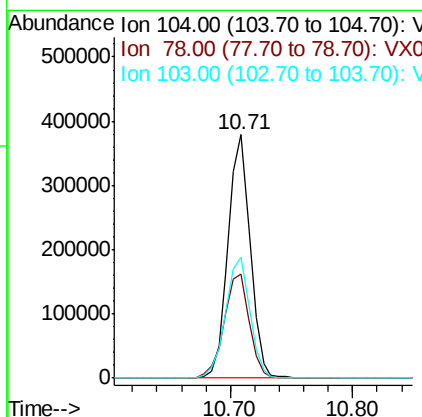
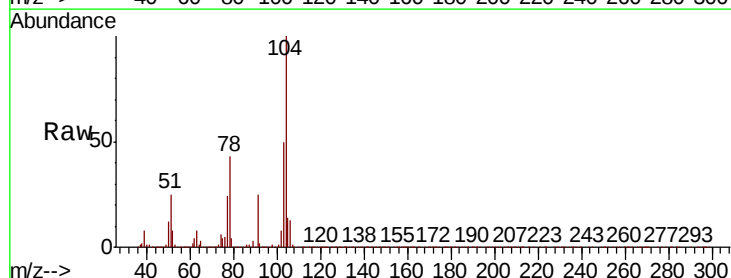
Manual Integrations
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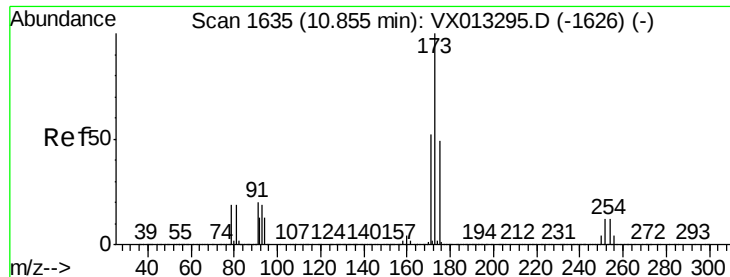
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#70
Styrene
Concen: 23.237 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion:104 Resp: 475792
Ion Ratio Lower Upper
104 100
78 48.7 40.0 60.0
103 54.5 44.1 66.1





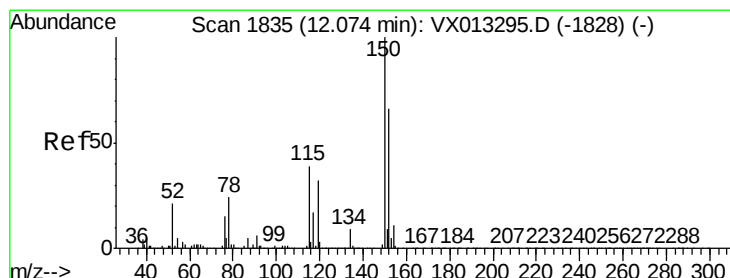
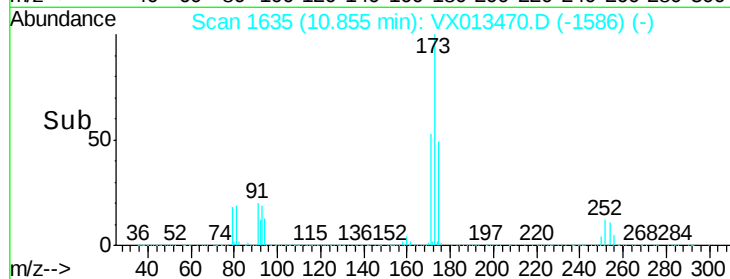
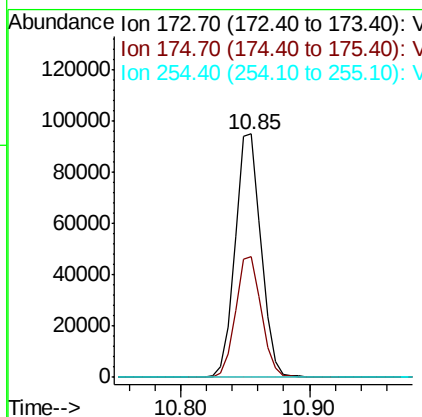
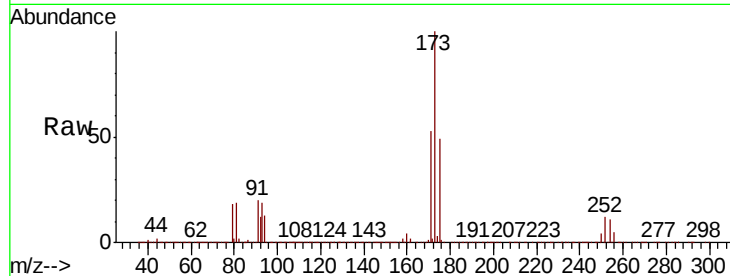
#71
Bromoform
Concen: 22.182 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.8	74.4
254	0.1	0.2	0.2#

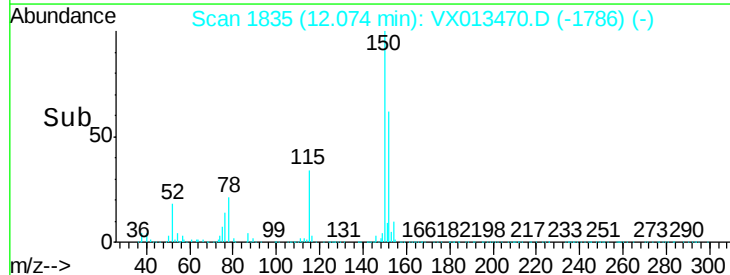
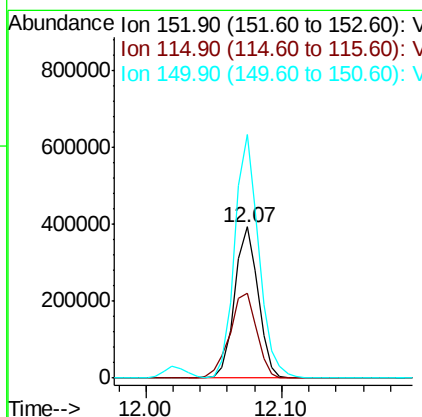
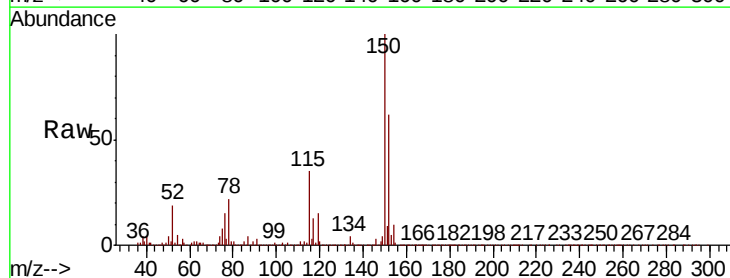
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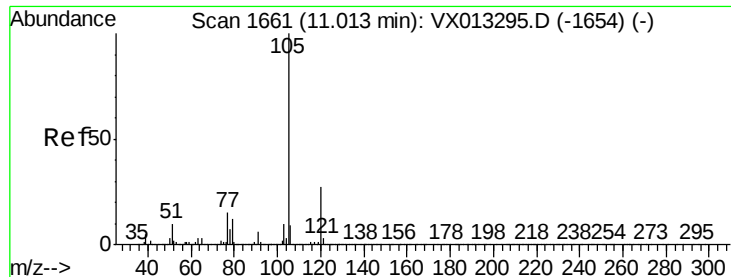
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.4	39.5	118.3
150	165.1	0.0	344.4





#73

Isopropylbenzene

Concen: 24.198 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 105 Resp: 756472

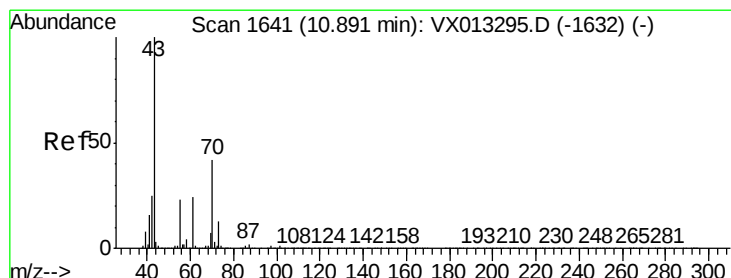
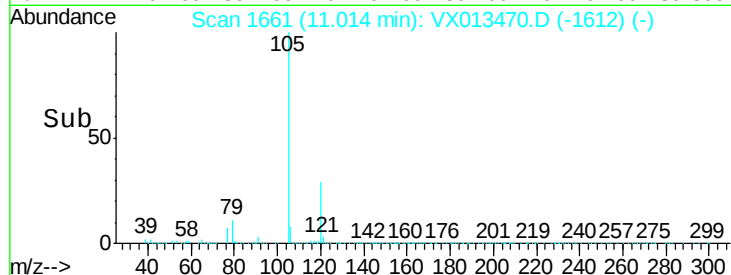
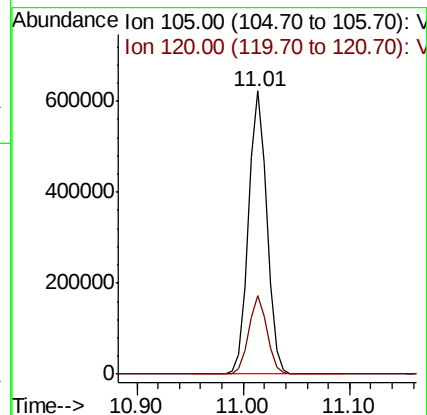
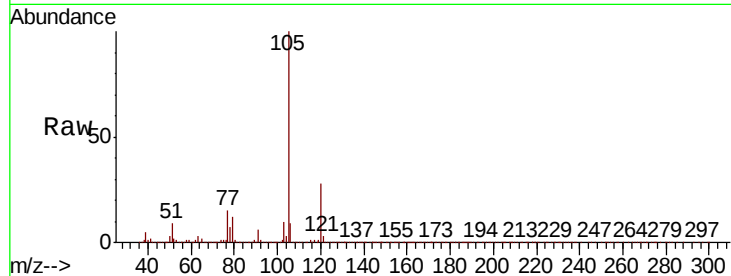
Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5

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#74

N-ethyl acetate

Concen: 23.494 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Tgt Ion: 43 Resp: 340592

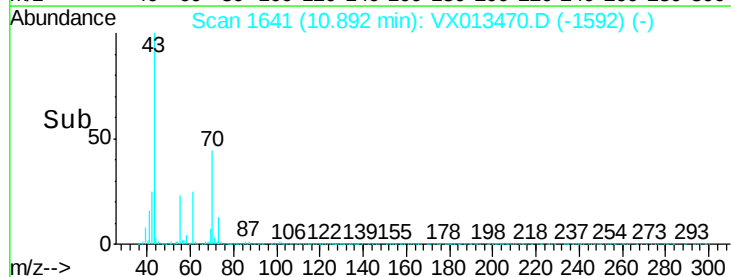
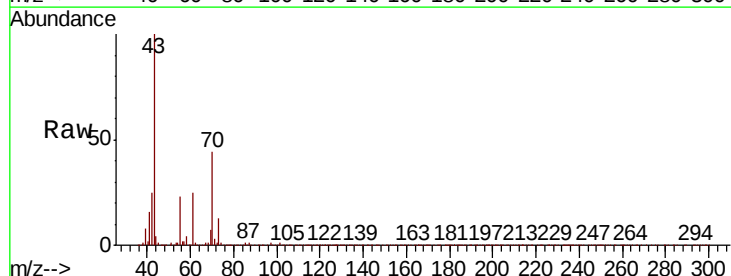
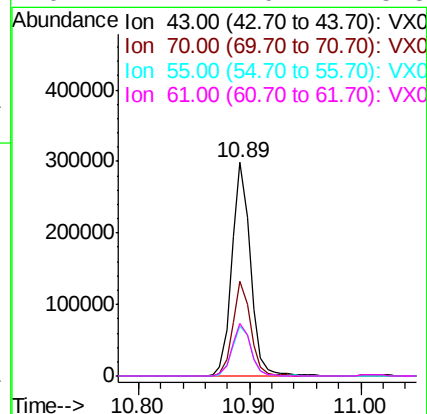
Ion Ratio Lower Upper

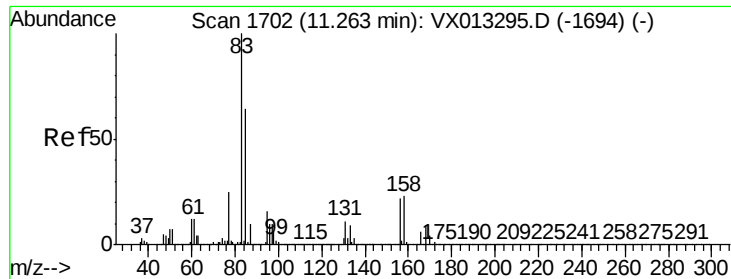
43 100

70 42.9 34.1 51.1

55 23.8 18.9 28.3

61 24.7 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 23.336 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

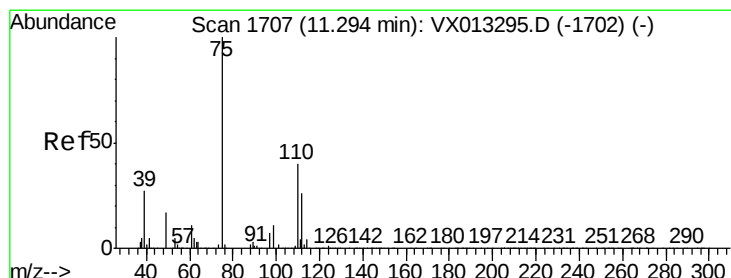
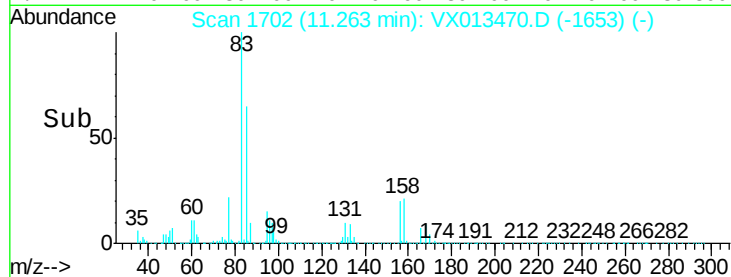
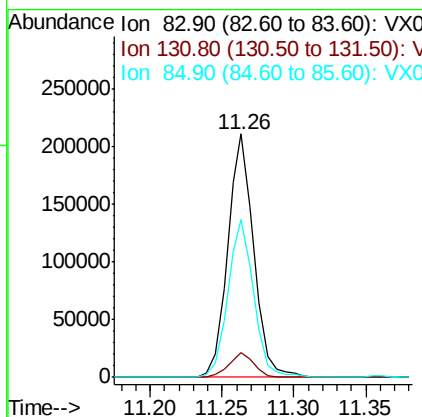
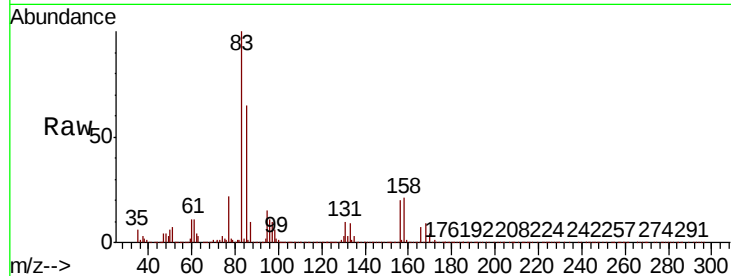
ClientSampleId :

VX1120WBS01

Tot Ion:	83	Resp:	266140
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.3
85	65.1	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 25.812 ug/l m

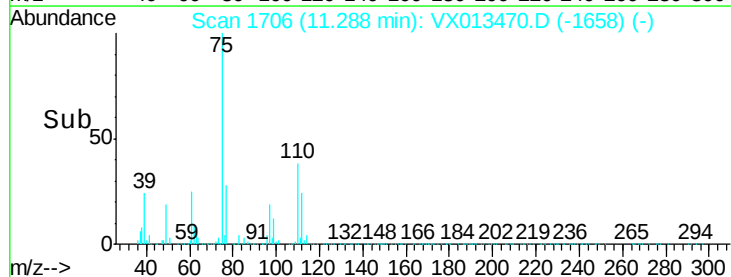
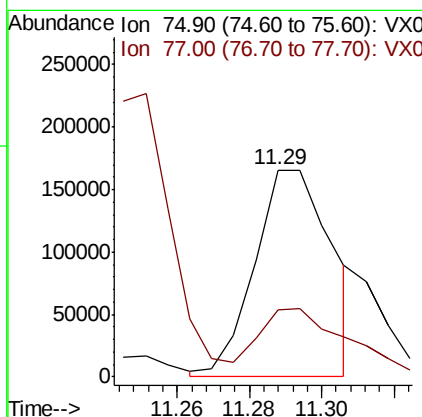
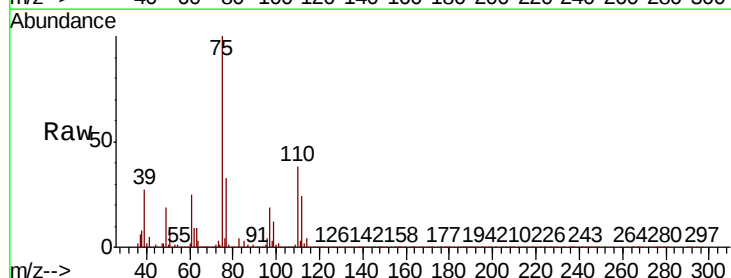
RT: 11.29 min Scan# 1706

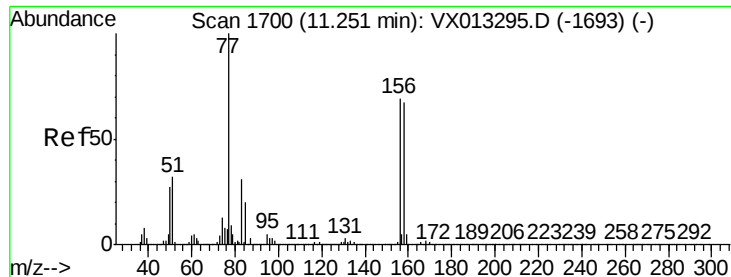
Delta R.T. -0.01 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Tgt Ion:	75	Resp:	247200
Ion Ratio	Lower	Upper	
75	100		
77	37.9	22.3	66.8





#77

Bromobenzene

Concen: 23.455 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

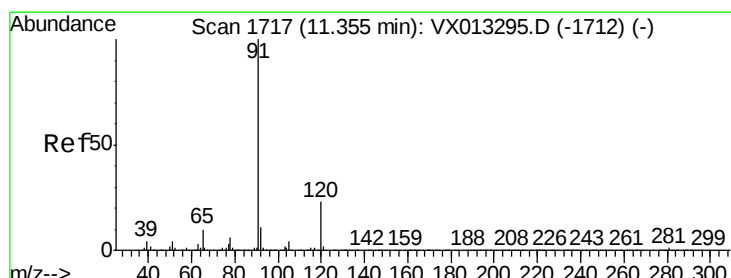
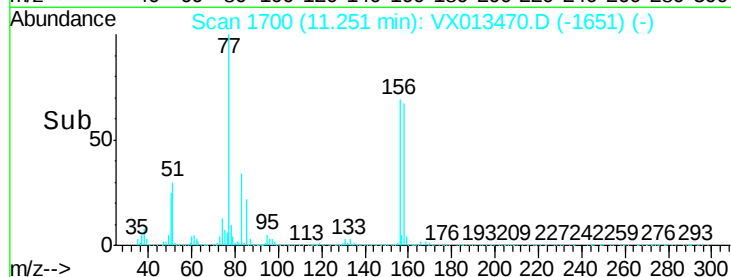
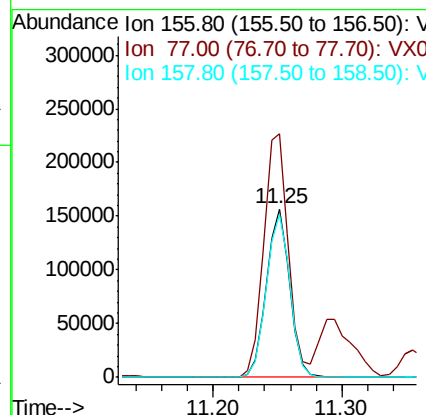
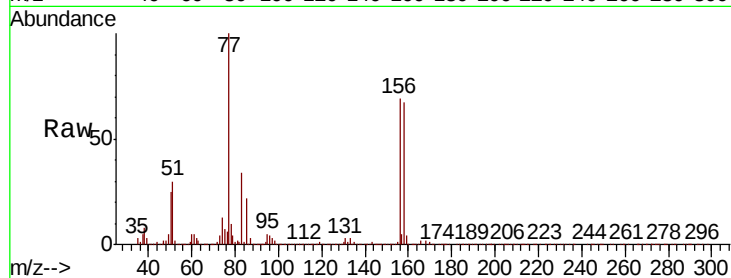
ClientSampleId :

VX1120WBS01

Tot Ion:	156	Resp:	195476
Ion Ratio	Lower	Upper	
156	100		
77	151.6	75.8	227.4
158	98.2	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 24.660 ug/l

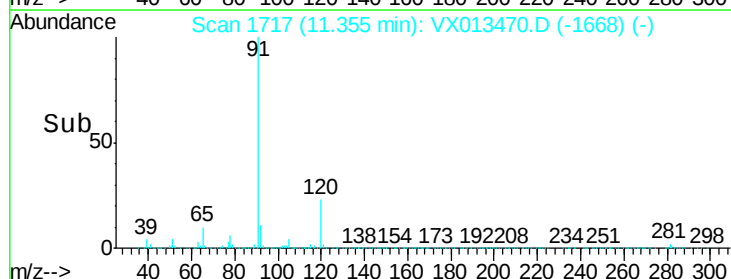
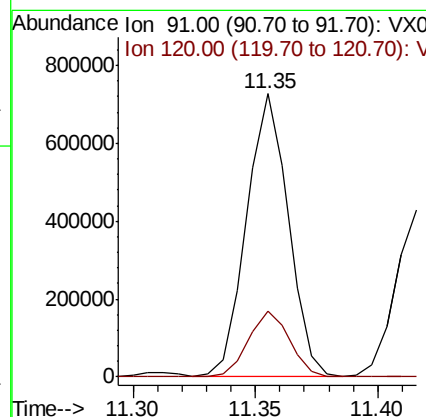
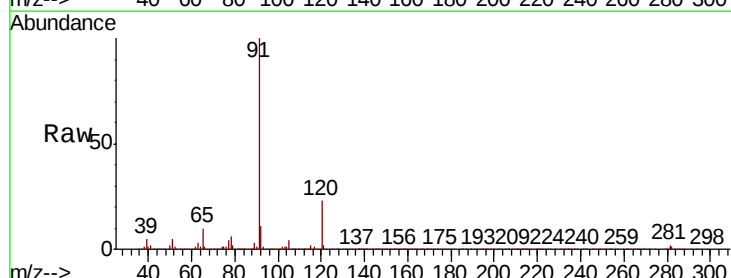
RT: 11.35 min Scan# 1717

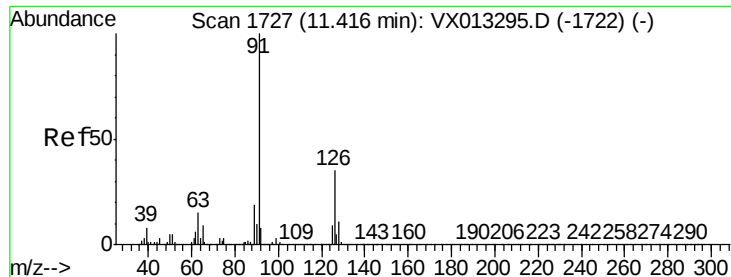
Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Tgt Ion:	91	Resp:	858743
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.6	34.8





#79

2-Chlorotoluene

Concen: 24.081 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 91 Resp: 505256

Ion Ratio Lower Upper

91 100

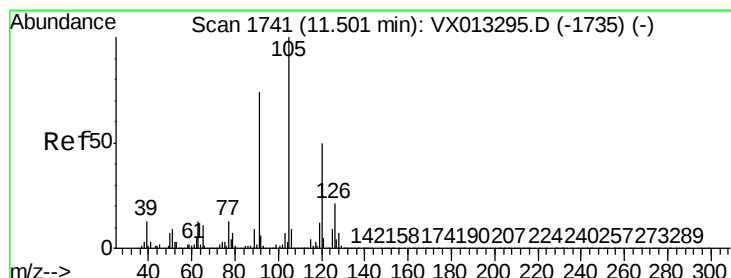
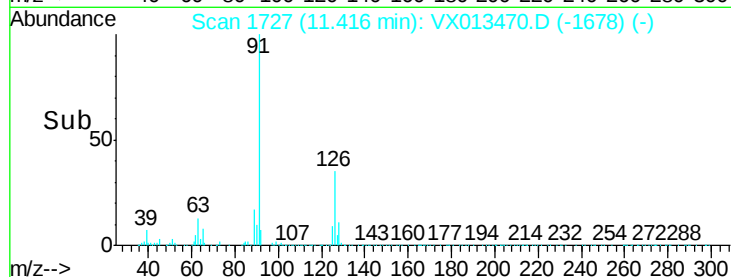
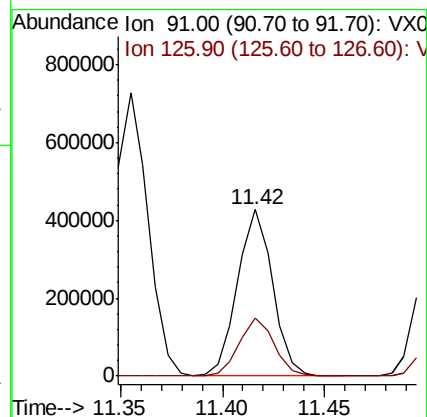
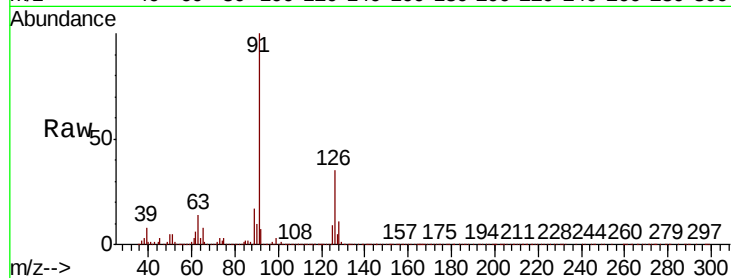
126 35.4 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 24.408 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013470.D

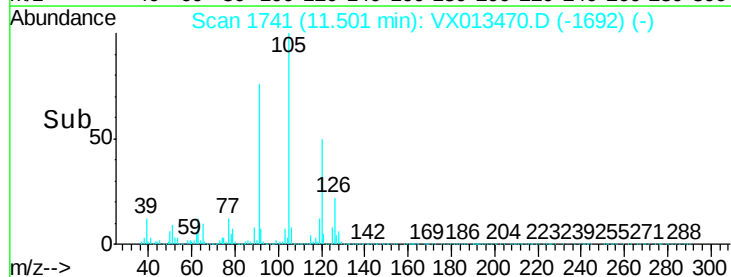
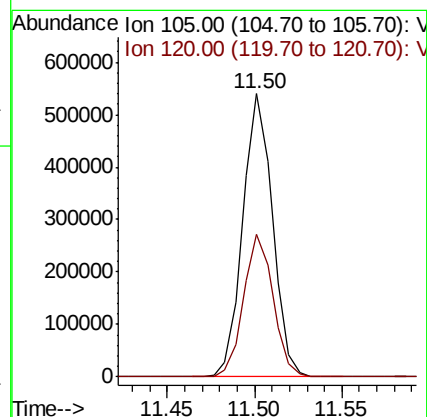
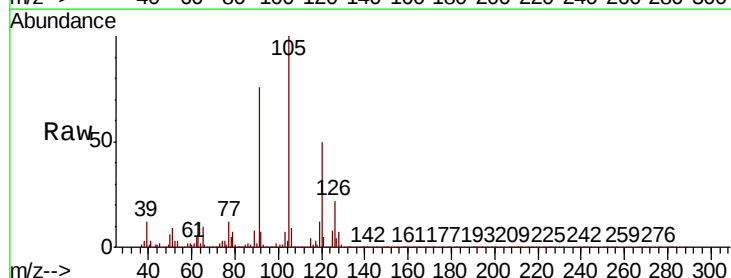
Acq: 20 Nov 2019 11:03

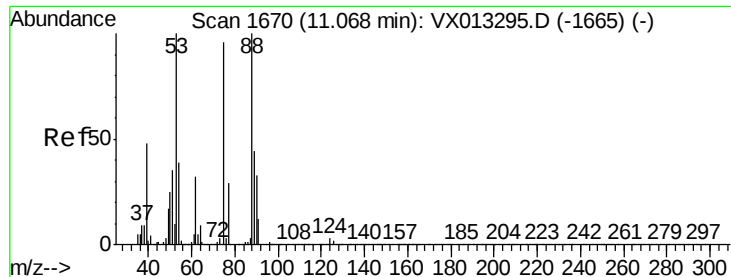
Tgt Ion: 105 Resp: 635561

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.456 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

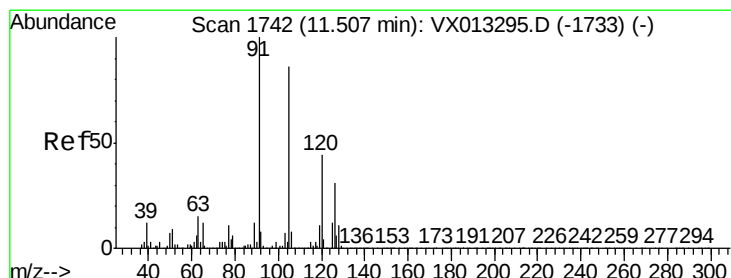
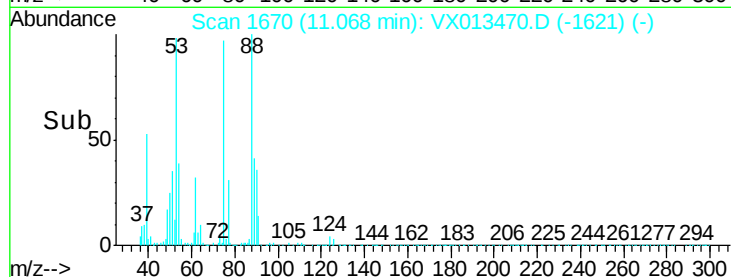
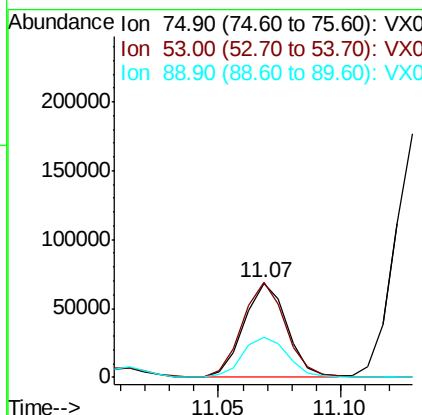
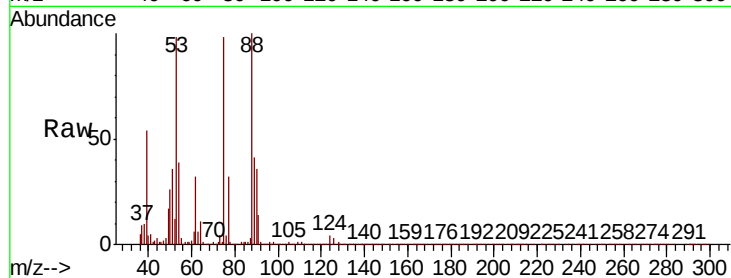
ClientSampleId :

VX1120WBS01

Tot Ion:	75	Resp:	83552
Ion Ratio	Lower	Upper	
75	100		
53	101.0	81.0	121.6
89	44.7	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 23.686 ug/l

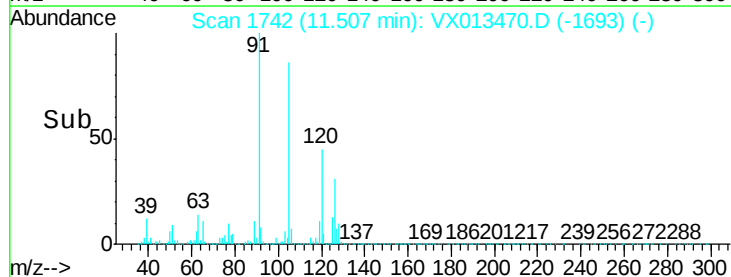
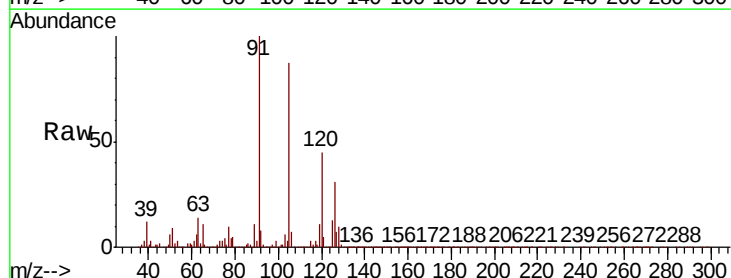
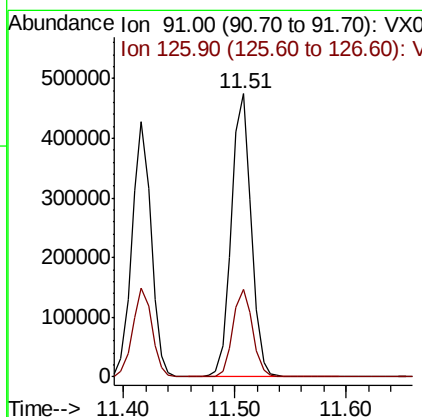
RT: 11.51 min Scan# 1742

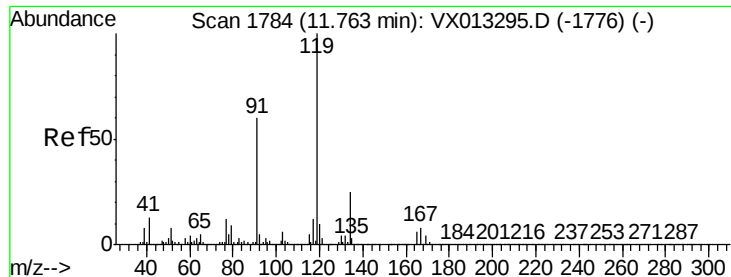
Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Tgt Ion:	91	Resp:	581745
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.3	45.8





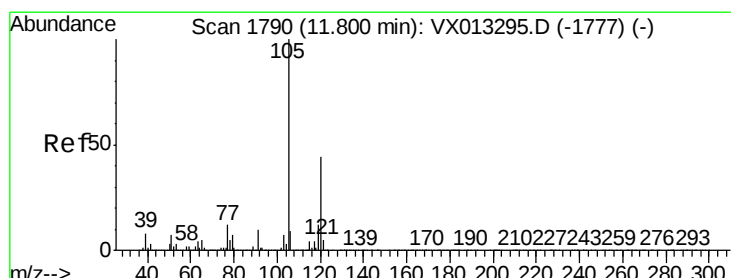
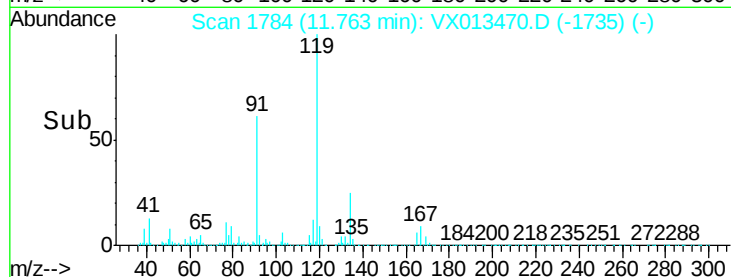
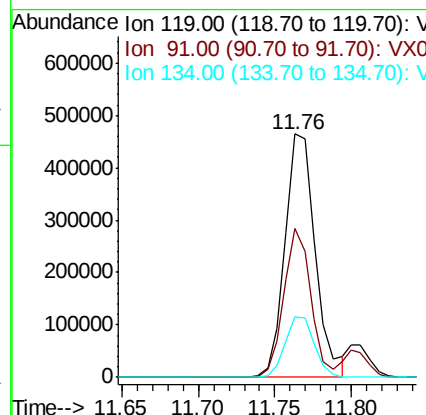
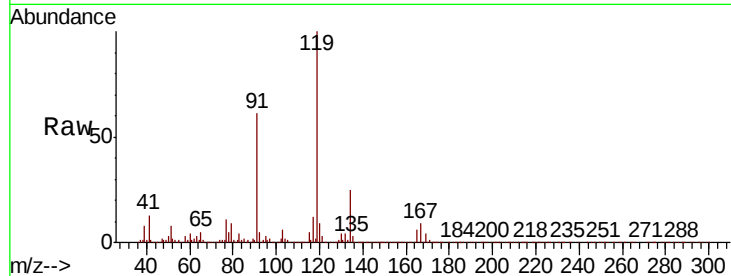
#83
tert-Butylbenzene
Concen: 24.454 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.4	26.9	80.7
134	23.9	11.7	35.1

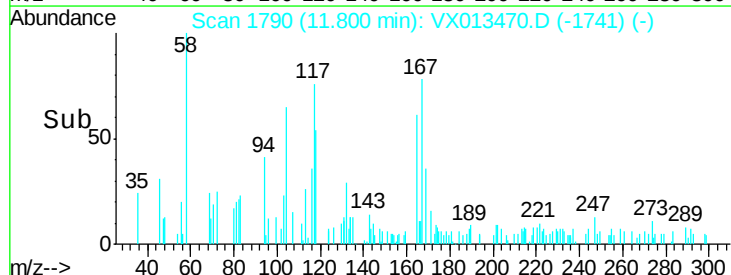
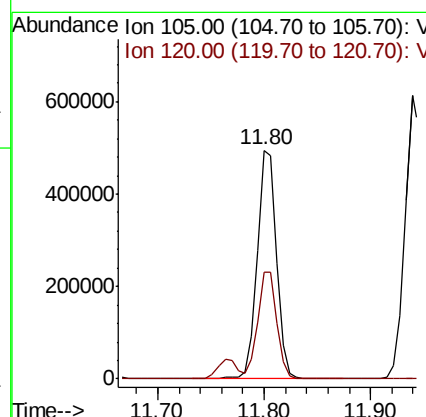
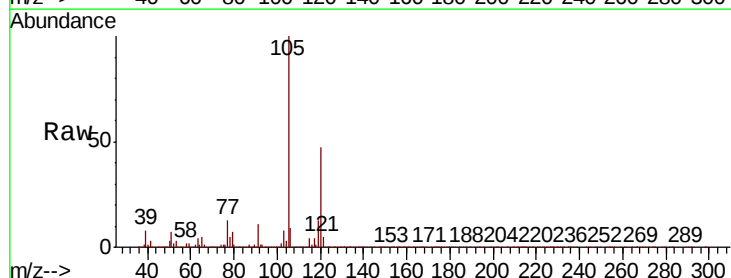
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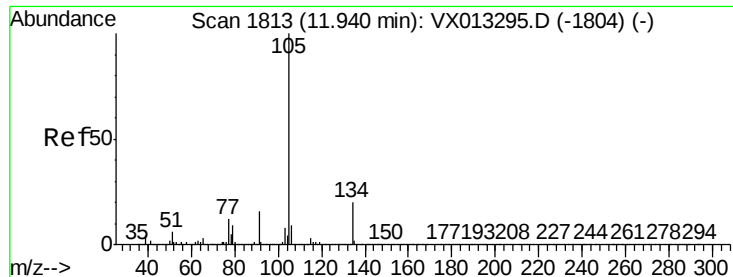
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#84
1,2,4-Trimethylbenzene
Concen: 24.106 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.7	68.1





#85

sec-Butylbenzene

Concen: 24.561 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion:105 Resp: 739916

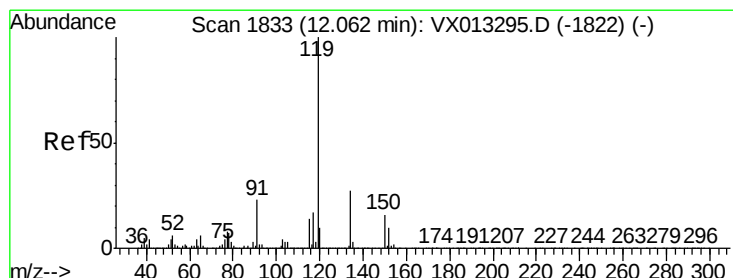
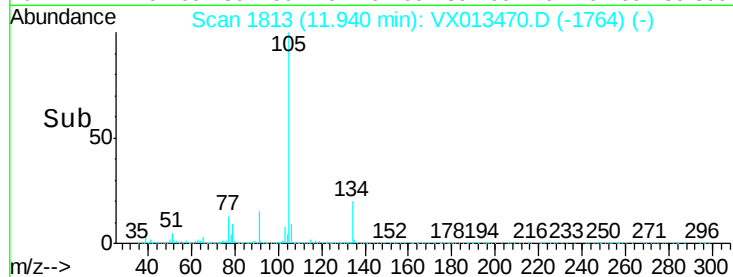
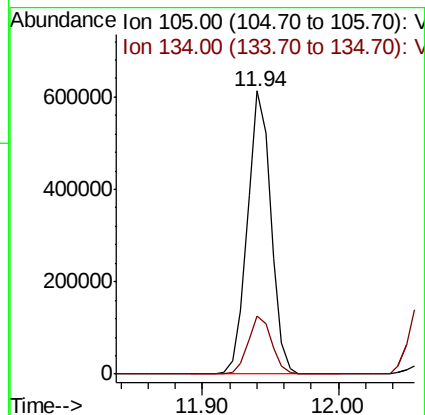
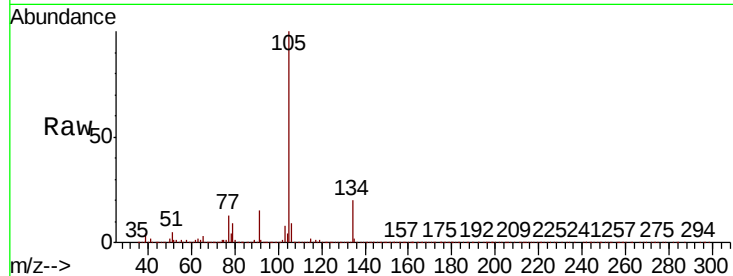
Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 24.497 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

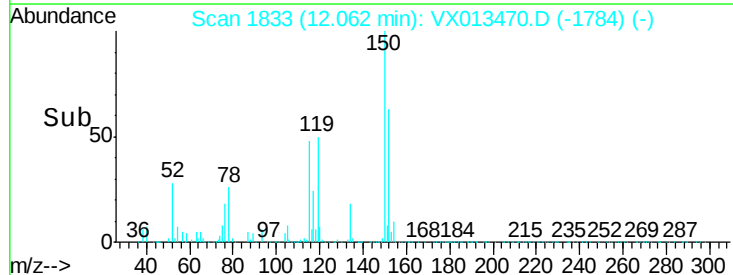
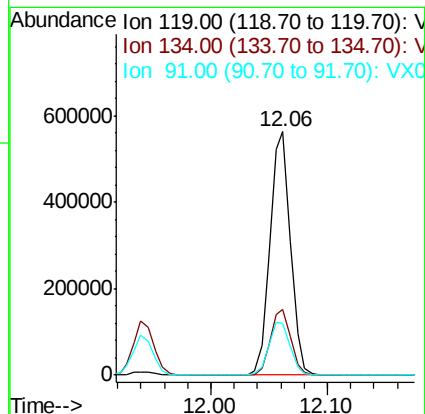
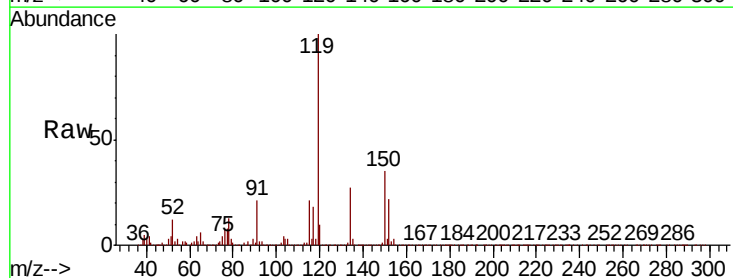
Tgt Ion:119 Resp: 679554

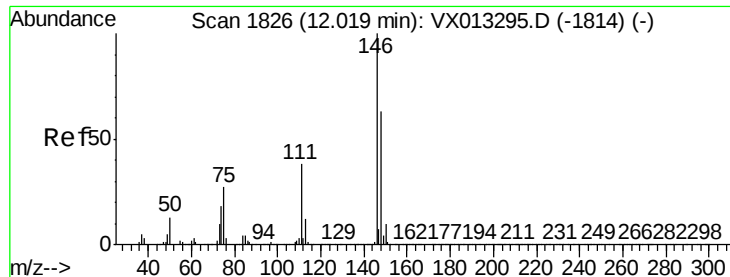
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 22.6 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 23.258 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Instrument :

MSVOA_X

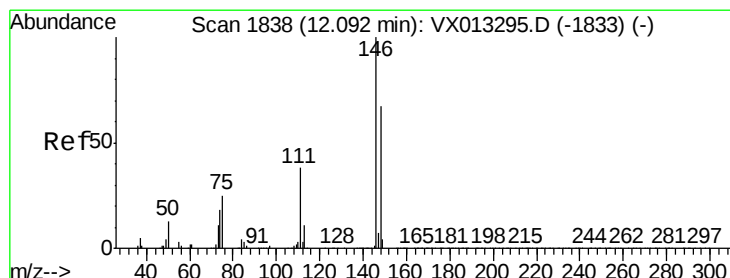
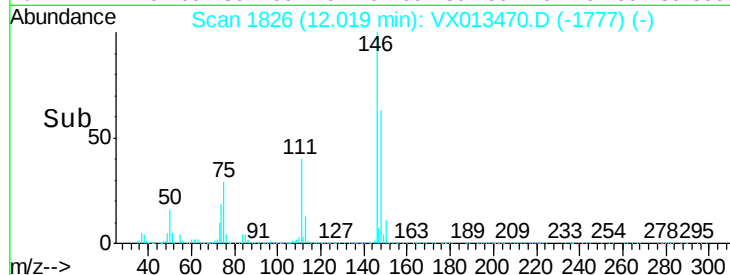
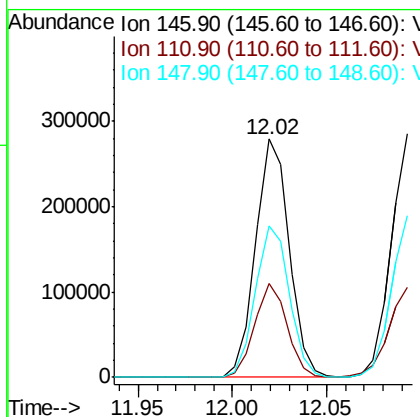
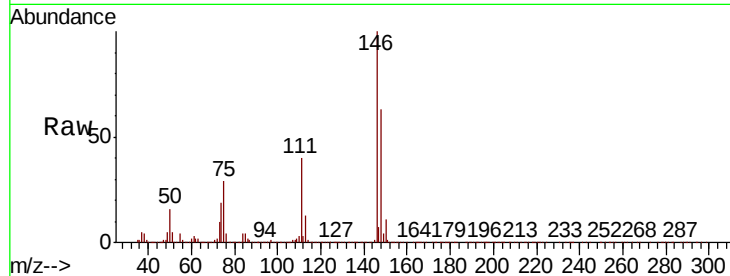
ClientSampleId :

VX1120WBS01

Tot Ion:	146	Resp:	345506
Ion Ratio		Lower	Upper
146	100		
111	38.1	18.9	56.5
148	64.5	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 22.702 ug/l

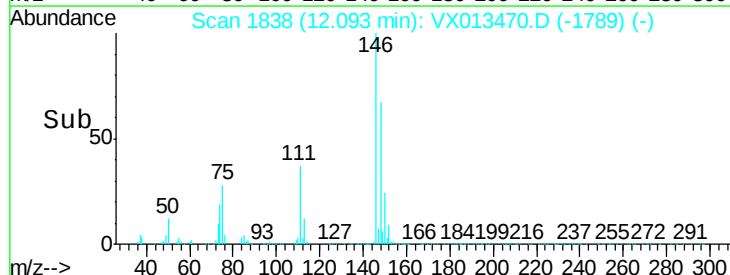
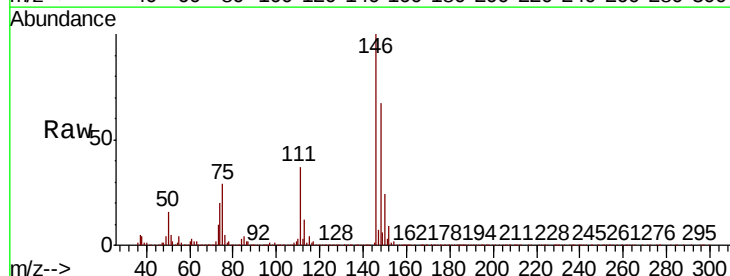
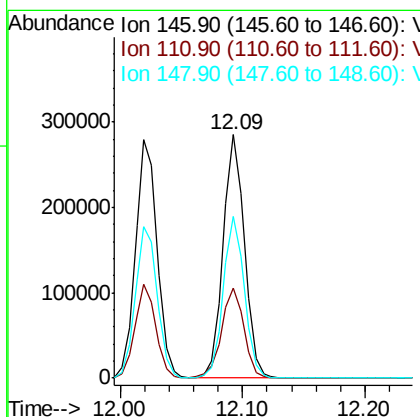
RT: 12.09 min Scan# 1838

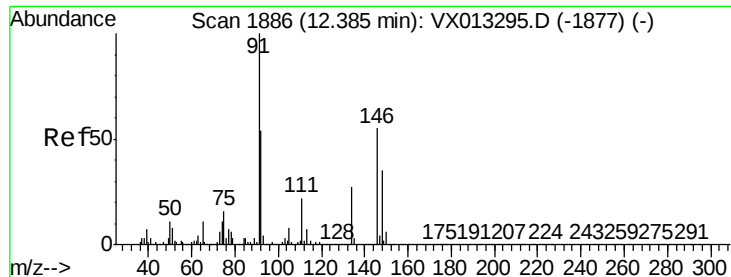
Delta R.T. 0.00 min

Lab File: VX013470.D

Acq: 20 Nov 2019 11:03

Tgt Ion:	146	Resp:	343600
Ion Ratio		Lower	Upper
146	100		
111	38.8	18.8	56.4
148	65.4	32.4	97.0





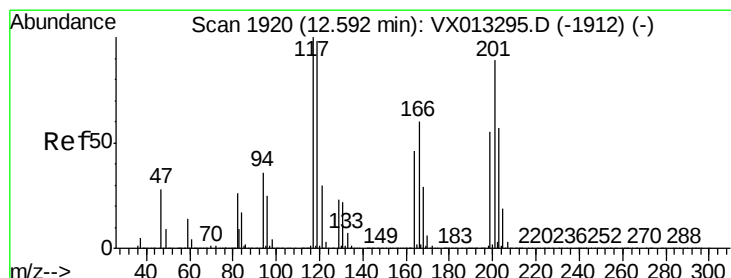
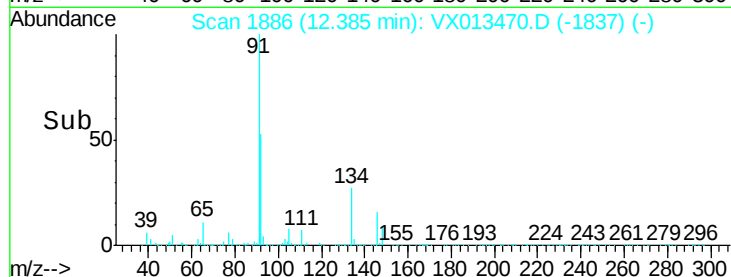
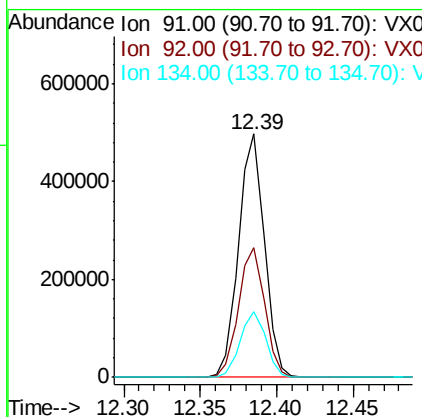
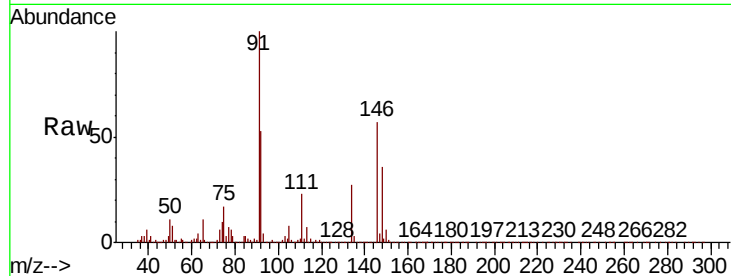
#89
n-Butylbenzene
Concen: 24.087 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.3	81.8
134	27.0	13.5	40.5

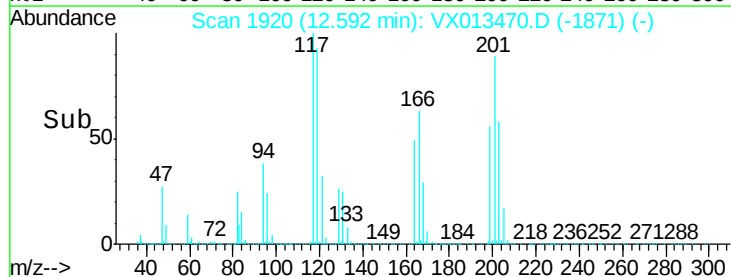
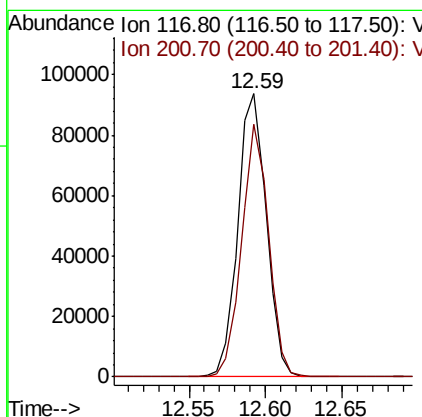
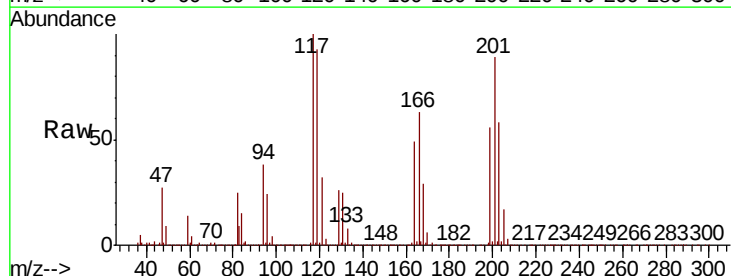
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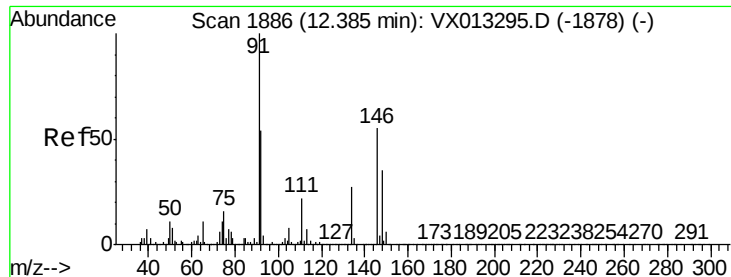
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#90
Hexachloroethane
Concen: 24.472 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.3	43.9	131.7





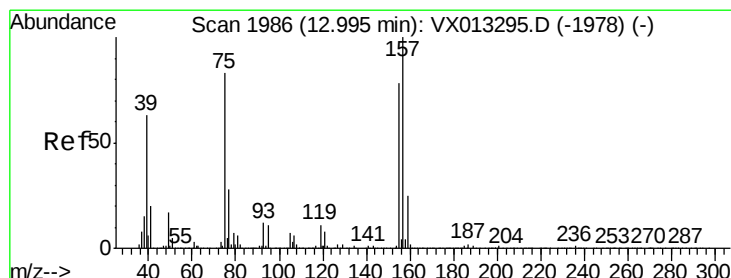
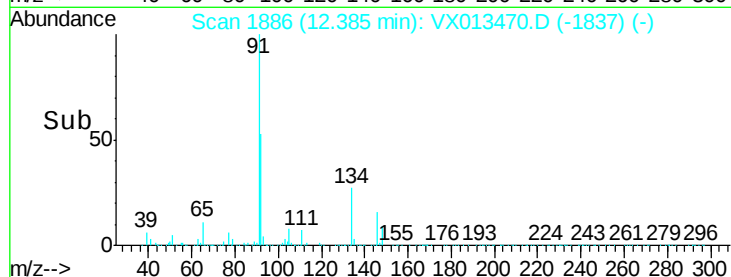
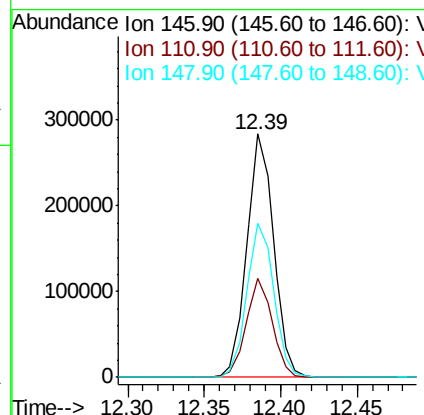
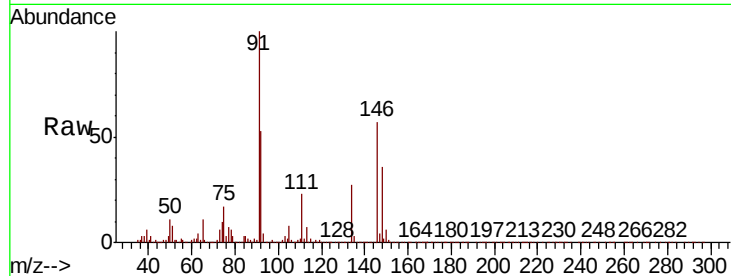
#91
 1,2-Dichlorobenzene
 Concen: 23.277 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	345660		
111	39.7	20.1	60.2	
148	63.6	32.0	96.0	

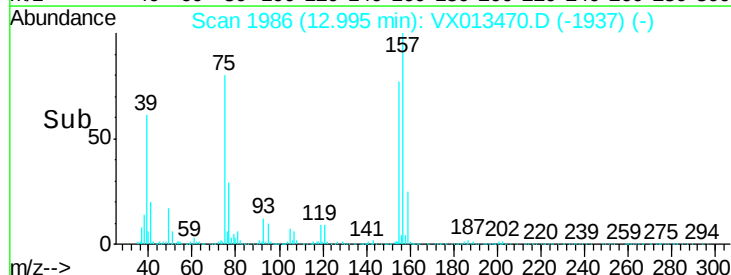
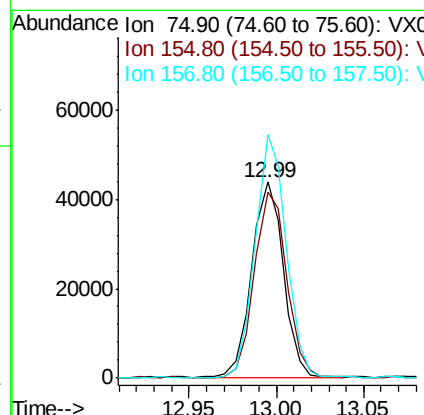
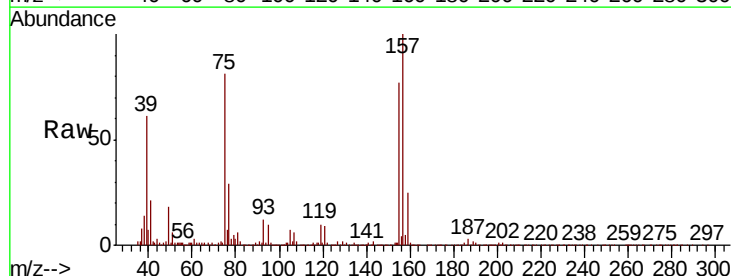
Manual Integrations
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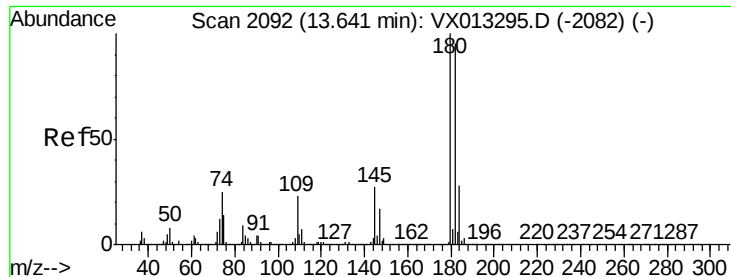
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.791 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	54990		
155	98.8	47.1	141.4	
157	122.5	61.3	183.8	





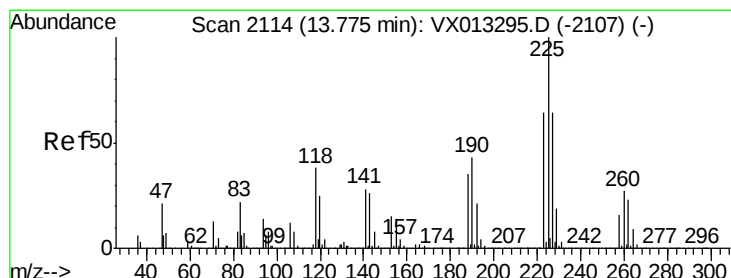
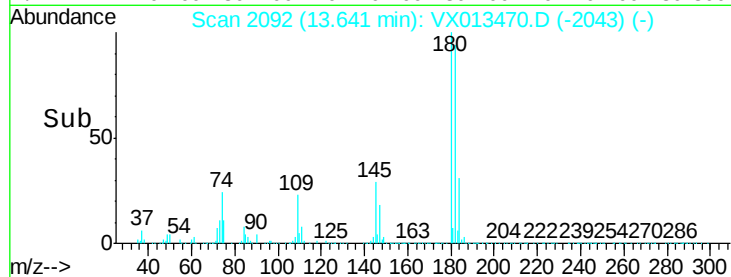
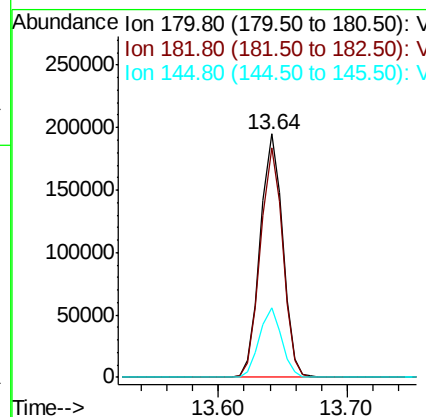
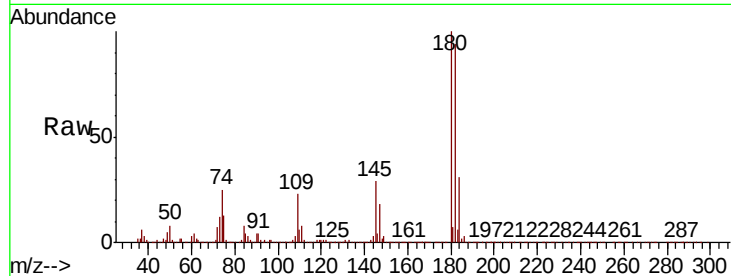
#93
 1,2,4-Trichlorobenzene
 Concen: 22.597 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	234061		
182	94.2	48.4	145.0	
145	28.1	14.1	42.4	

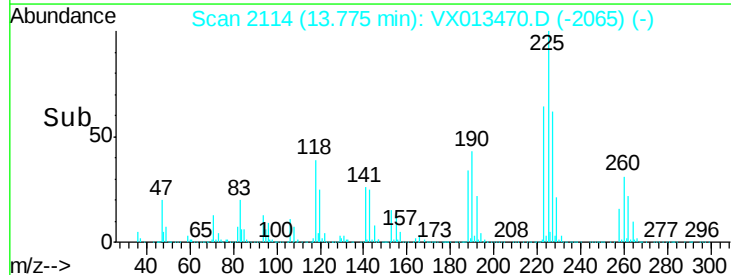
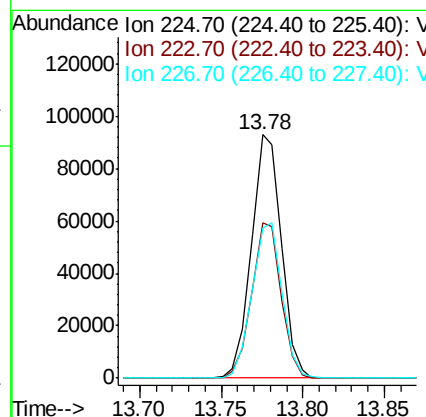
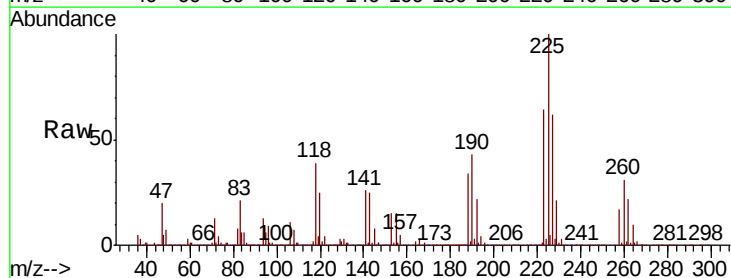
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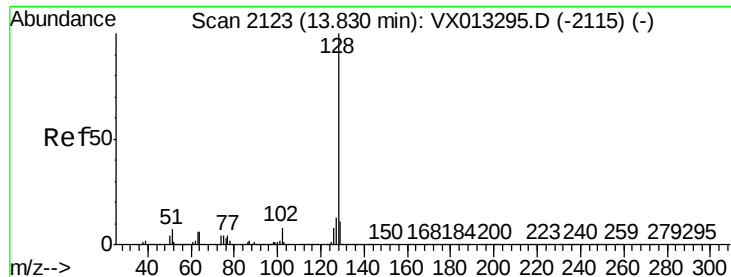
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 11/21/2019 9:50:54 AM



#94
 Hexachlorobutadiene
 Concen: 23.540 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013470.D
 Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	119289		
223	63.0	31.9	95.7	
227	64.1	31.9	95.9	





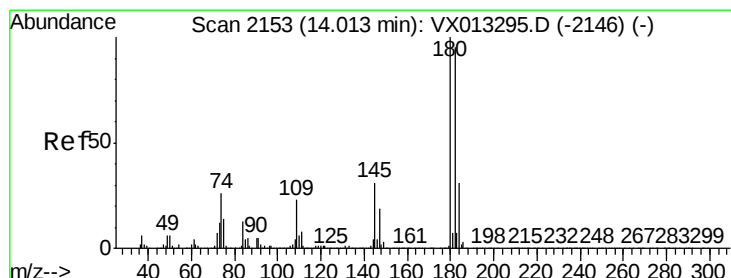
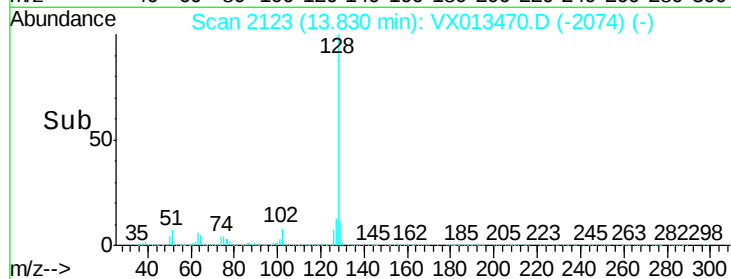
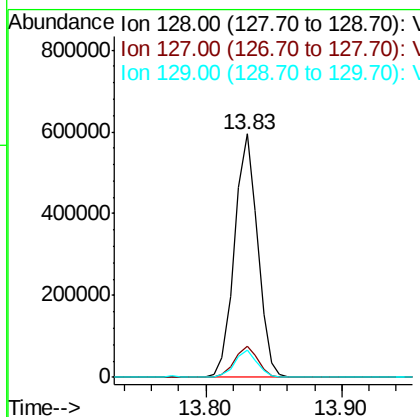
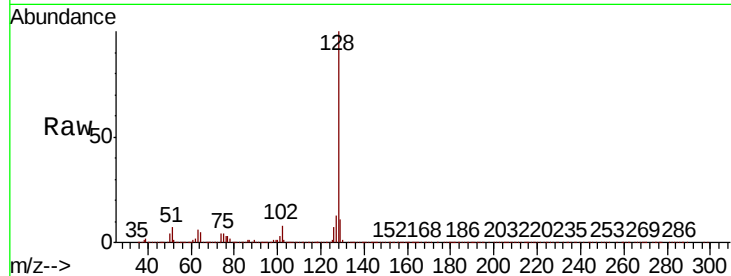
#95
Naphthalene
Concen: 21.617 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/21/2019 9:50:54 AM



#96
1,2,3-Trichlorobenzene
Concen: 22.718 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013470.D
Acq: 20 Nov 2019 11:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.2
145	29.2	15.4	46.4

