

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
 Data File : VX013506.D
 Acq On : 21 Nov 2019 16:23
 Operator : JC/SP
 Sample : VX1121WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS03

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 8:44:25 AM

Quant Time: Nov 22 04:07:50 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	761706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1134127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1017274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	504871	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	439592	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	5.48	113	365785	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	8.71	98	1386072	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.14	95	496605	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	127443	14.521	ug/l	99
3) Chloromethane	1.31	50	137268	14.423	ug/l	97
4) Vinyl Chloride	1.40	62	168418	15.544	ug/l	100
5) Bromomethane	1.63	94	85688	11.348	ug/l	97
6) Chloroethane	1.71	64	100705	15.436	ug/l	98
7) Trichlorofluoromethane	1.92	101	194555	15.198	ug/l	99
8) Diethyl Ether	2.18	74	93050	16.437	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123296	17.281	ug/l	99
10) Methyl Iodide	2.50	142	90071	10.196	ug/l	98
11) Tert butyl alcohol	3.03	59	190861	80.246	ug/l	100
12) 1,1-Dichloroethene	2.36	96	117647	16.838	ug/l	98
13) Acrolein	2.28	56	83839	65.039	ug/l	96
14) Allyl chloride	2.72	41	216448	17.050	ug/l	96
15) Acrylonitrile	3.13	53	388491	87.442	ug/l	99
16) Acetone	2.43	43	368420	81.852	ug/l	100
17) Carbon Disulfide	2.56	76	262142	14.017	ug/l	98
18) Methyl Acetate	2.76	43	227073	18.273	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	427231	18.333	ug/l	100
20) Methylene Chloride	2.84	84	138102	16.606	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	126422	16.618	ug/l	98
22) Diisopropyl ether	3.84	45	447264	18.249	ug/l	99
23) Vinyl Acetate	3.80	43	1823553	86.949	ug/l	100
24) 1,1-Dichloroethane	3.69	63	237834	17.347	ug/l	99
25) 2-Butanone	4.66	43	563571	85.350	ug/l	99
26) 2,2-Dichloropropane	4.57	77	202334	18.550	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	150298	17.636	ug/l	99
28) Bromochloromethane	5.00	49	67669	17.383	ug/l	97
29) Tetrahydrofuran	5.12	42	356241	87.548	ug/l	99
30) Chloroform	5.20	83	246013	18.171	ug/l	96
31) Cyclohexane	5.56	56	199886	16.202	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	198755	17.059	ug/l	99
36) 1,1-Dichloropropene	5.79	75	171701	17.648	ug/l	100
37) Ethyl Acetate	4.82	43	212400	17.667	ug/l	100
38) Carbon Tetrachloride	5.78	117	164127	17.251	ug/l	97

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Manual Integrations
 APPROVED

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	207201	17.091	ug/l	99
40) Benzene	6.13	78	535781	17.679	ug/l	100
41) Methacrylonitrile	5.03	41	115376	17.122	ug/l	99
42) 1,2-Dichloroethane	6.18	62	190661	17.441	ug/l	98
43) Isopropyl Acetate	6.44	43	348648	18.624	ug/l	99
44) Trichloroethene	7.21	130	143565	17.209	ug/l	94
45) 1,2-Dichloropropane	7.51	63	140880	18.244	ug/l	98
46) Dibromomethane	7.65	93	93406	17.716	ug/l	99
47) Bromodichloromethane	7.89	83	179613	18.066	ug/l	94
48) Methyl methacrylate	7.76	41	167912	17.968	ug/l	97
49) 1,4-Dioxane	7.73	88	70579	329.791	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1101699	89.697	ug/l	99
52) Toluene	8.78	92	339818	18.091	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	194212	17.864	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	220323	18.117	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	140346	18.026	ug/l	97
56) Ethyl methacrylate	9.17	69	223370	17.843	ug/l	99
57) 1,3-Dichloropropane	9.37	76	242224	18.327	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	517581	97.226	ug/l	100
59) 2-Hexanone	9.48	43	848368	89.381	ug/l	99
60) Dibromochloromethane	9.57	129	142353	17.877	ug/l	99
61) 1,2-Dibromoethane	9.67	107	149697	18.107	ug/l	100
64) Tetrachloroethene	9.33	164	133646	18.352	ug/l	99
65) Chlorobenzene	10.14	112	365854	17.764	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	137505	18.184	ug/l	99
67) Ethyl Benzene	10.25	91	646292	18.182	ug/l	99
68) m/p-Xylenes	10.36	106	489481	36.412	ug/l	100
69) o-Xylene	10.70	106	241455	18.346	ug/l	98
70) Styrene	10.71	104	403903	18.359	ug/l	99
71) Bromoform	10.86	173	107210	17.514	ug/l #	98
73) Isopropylbenzene	11.01	105	644479	19.253	ug/l	100
74) N-amyl acetate	10.89	43	301756	19.440	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	232125	19.008	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	181604m	17.710	ug/l	
77) Bromobenzene	11.25	156	166477	18.656	ug/l	98
78) n-propylbenzene	11.35	91	711037	19.069	ug/l	99
79) 2-Chlorotoluene	11.42	91	425725	18.950	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	539181	19.338	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	70364	17.662	ug/l	99
82) 4-Chlorotoluene	11.51	91	485026	18.443	ug/l	99
83) tert-Butylbenzene	11.76	119	551196	19.639	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	548291	19.603	ug/l	98
85) sec-Butylbenzene	11.94	105	620822	19.246	ug/l	99
86) p-Isopropyltoluene	12.06	119	575759	19.384	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	291134	18.303	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	290826	17.945	ug/l	100
89) n-Butylbenzene	12.39	91	477789	18.434	ug/l	99
90) Hexachloroethane	12.59	117	99273	18.758	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	298963	18.803	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48852	16.420	ug/l	99

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ClientSampleId :
VX1121WBS03

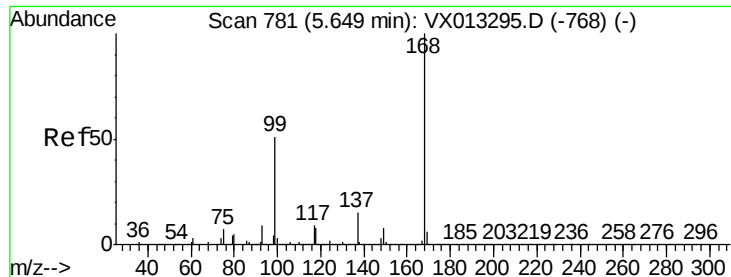
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	203343	18.334	ug/l	97
94) Hexachlorobutadiene	13.78	225	98123	18.083	ug/l	99
95) Naphthalene	13.83	128	635696	18.268	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	203251	18.273	ug/l	99

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



#1

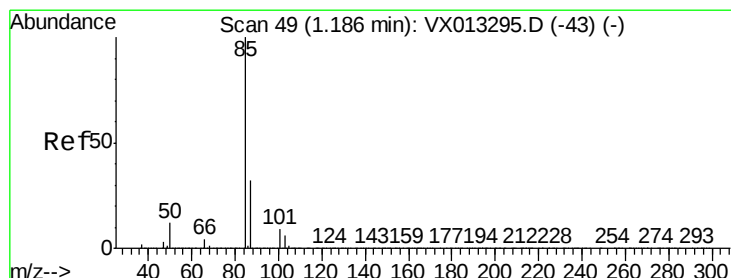
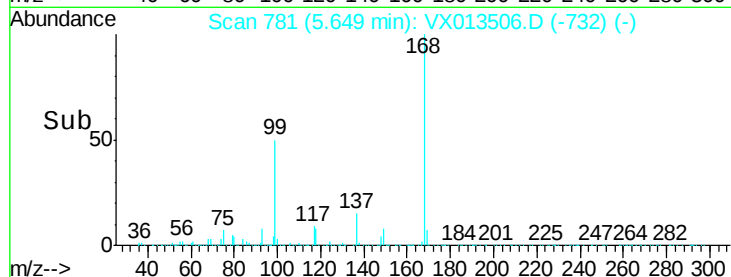
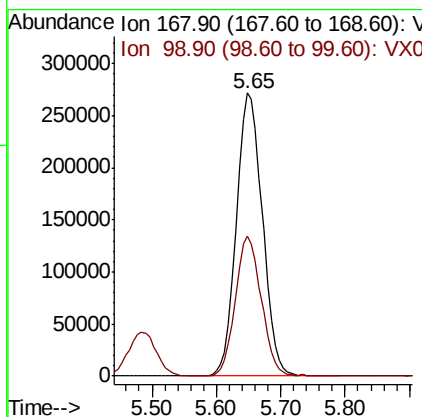
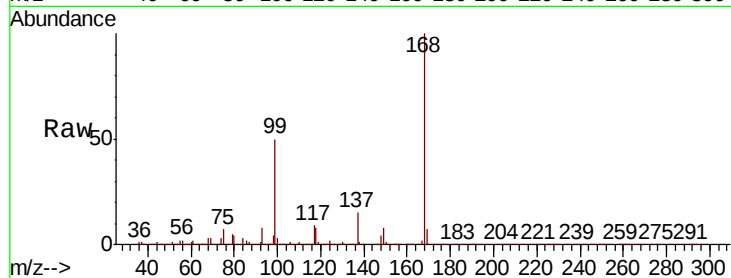
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013506.D
 Acq: 21 Nov 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS03

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.5	40.8	61.2

Manual Integrations
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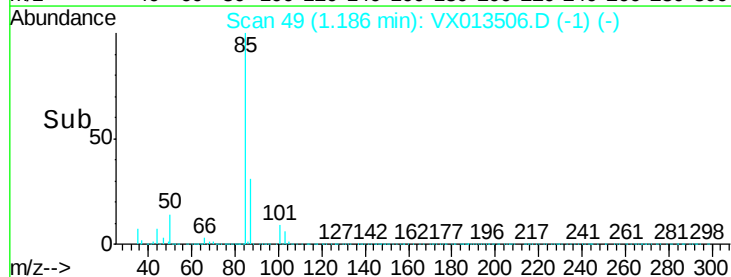
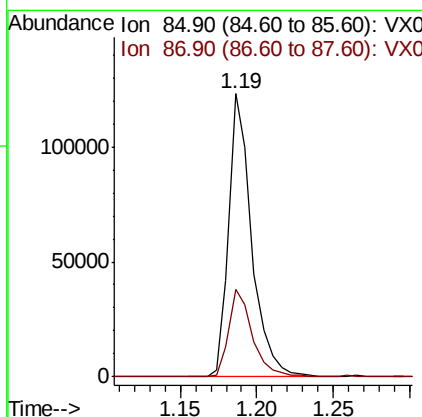
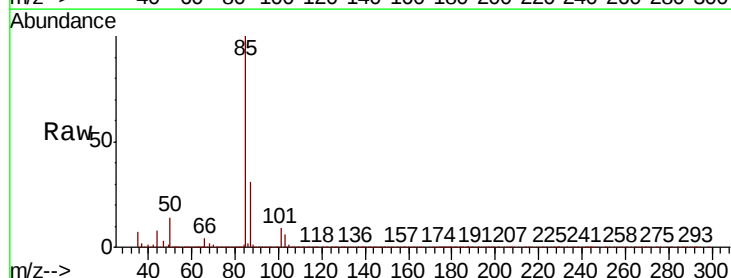
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#2

Dichlorodifluoromethane
 Concen: 14.521 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013506.D
 Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	15.9	47.6





#3

Chloromethane

Concen: 14.423 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion: 50 Resp: 137268

Ion Ratio Lower Upper

50 100

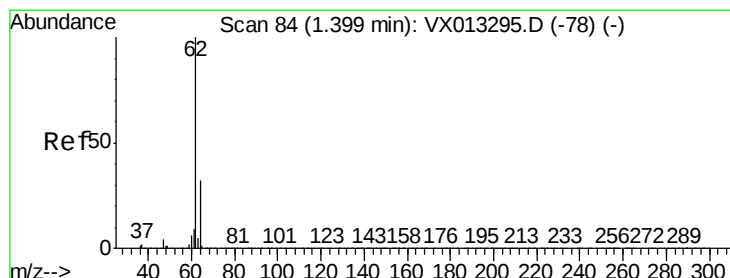
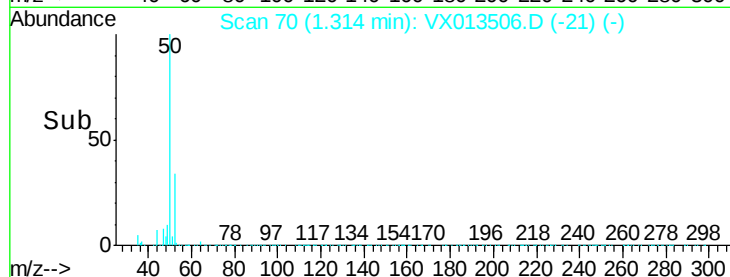
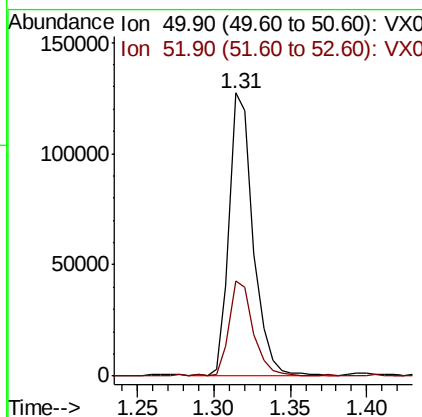
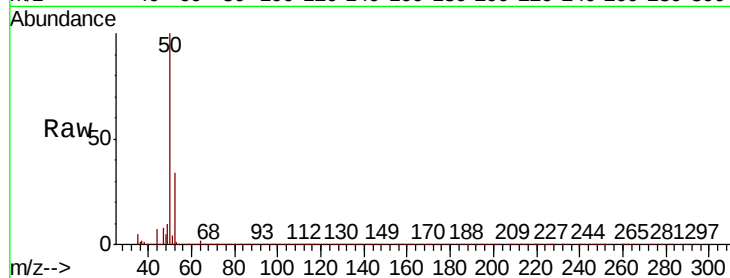
52 33.6 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.544 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013506.D

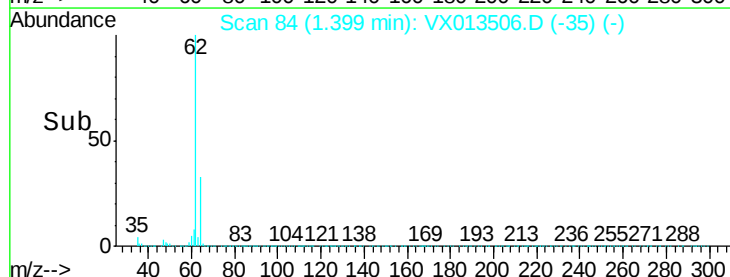
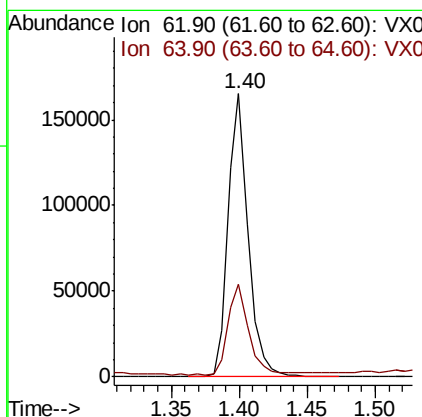
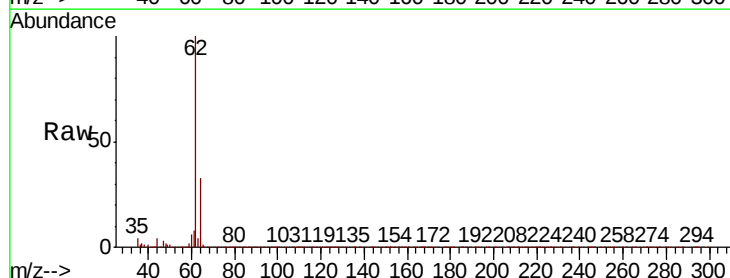
Acq: 21 Nov 2019 16:23

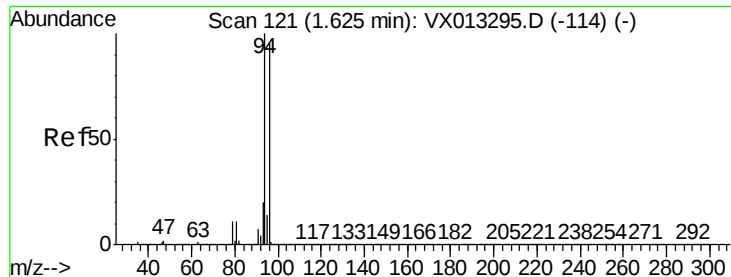
Tgt Ion: 62 Resp: 168418

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 11.348 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion: 94 Resp: 85688

Ion Ratio Lower Upper

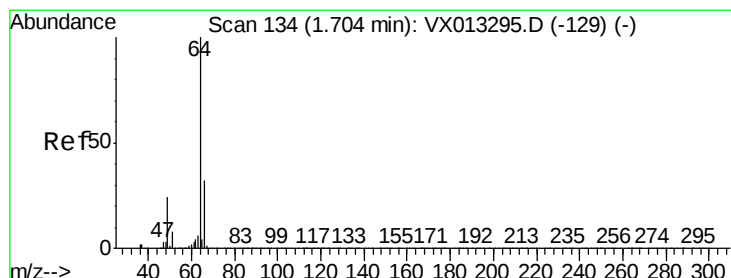
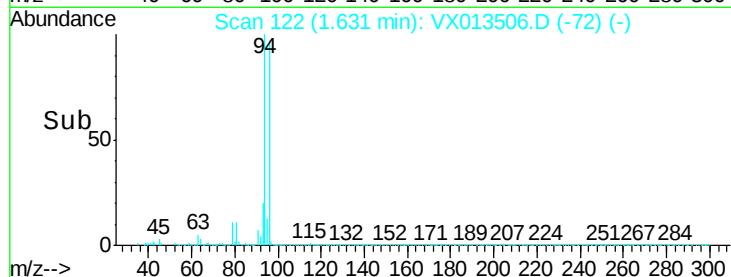
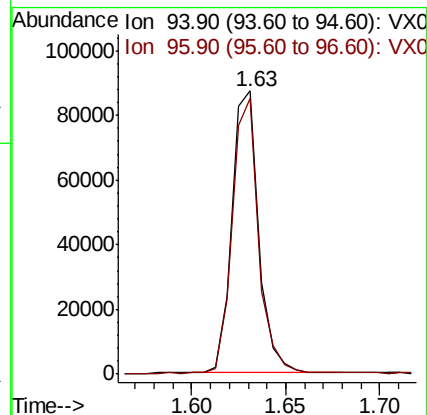
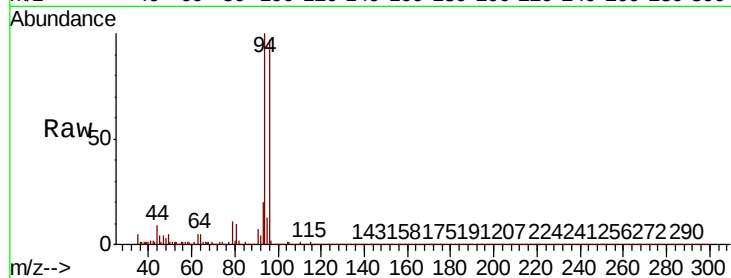
94 100

96 97.2 75.8 113.8

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#6

Chloroethane

Concen: 15.436 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013506.D

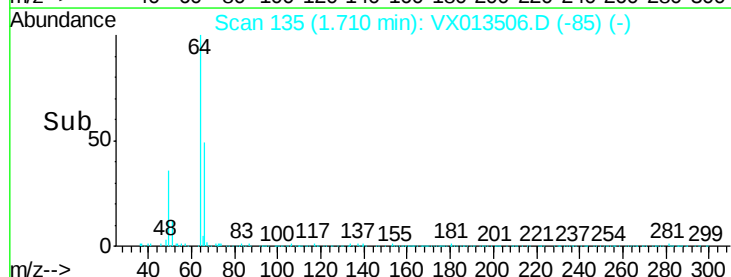
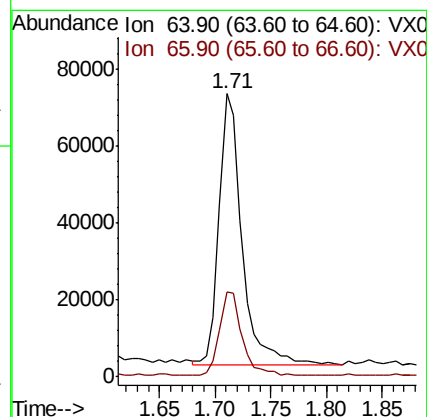
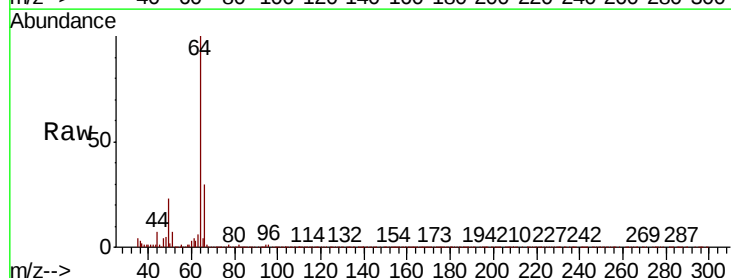
Acq: 21 Nov 2019 16:23

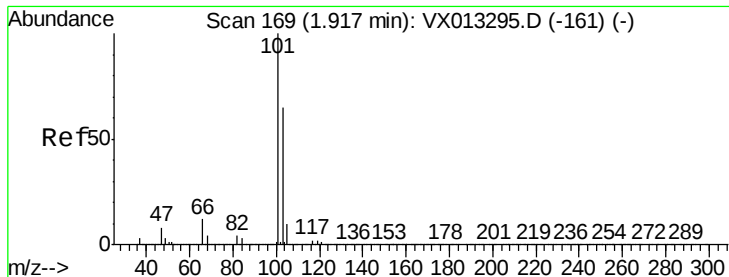
Tgt Ion: 64 Resp: 100705

Ion Ratio Lower Upper

64 100

66 30.6 25.6 38.4





#7

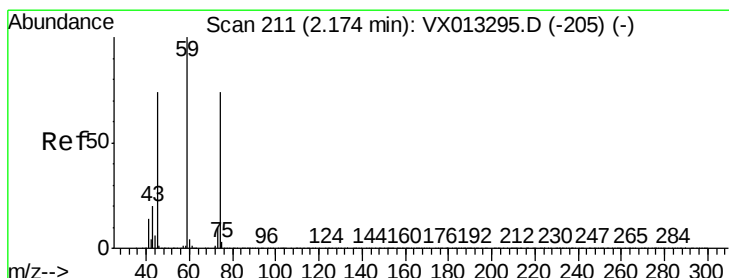
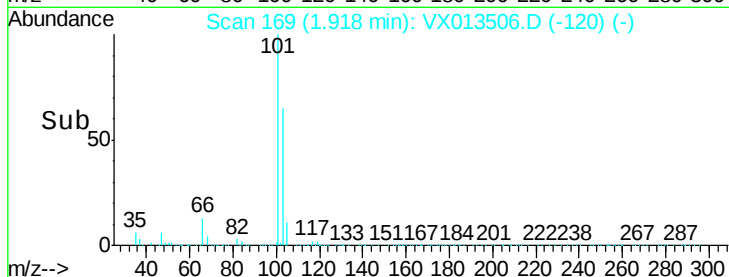
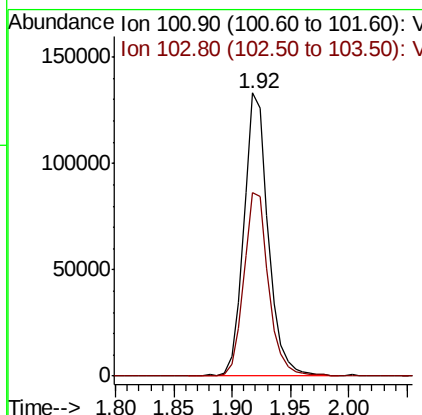
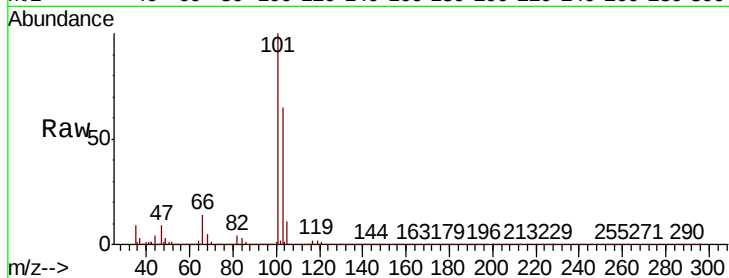
Trichlorofluoromethane
Concen: 15.198 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.3	78.5

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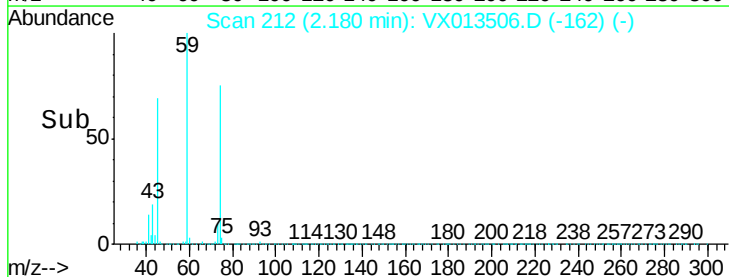
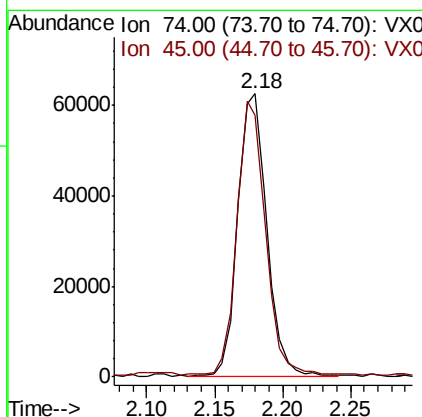
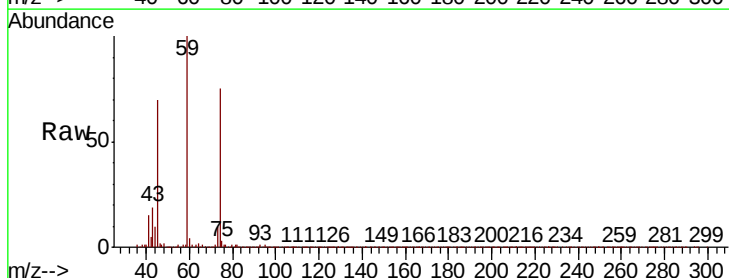
MMDadoda
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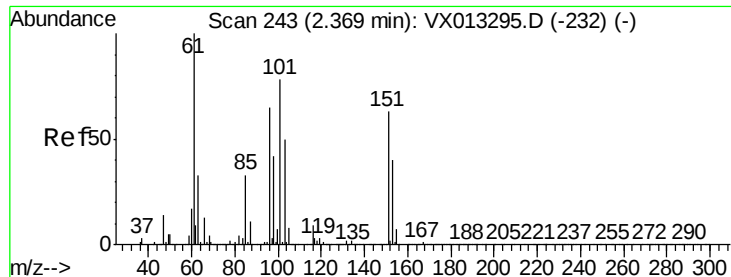


#8

Diethyl Ether
Concen: 16.437 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.281 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

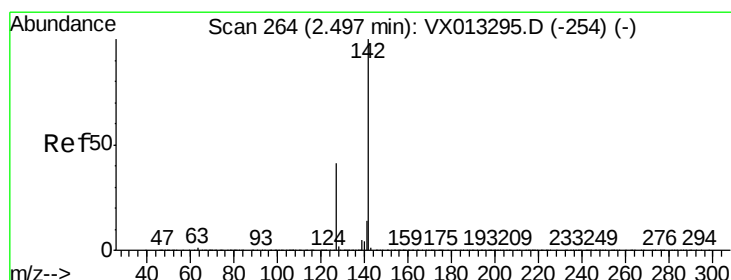
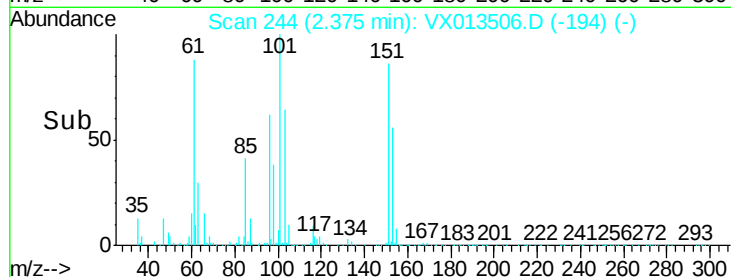
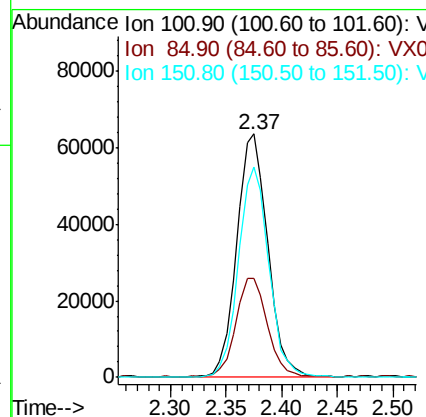
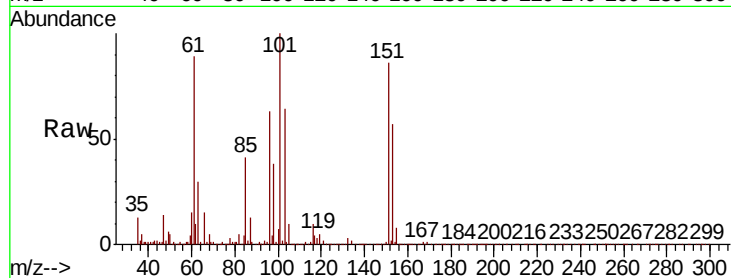
ClientSampleId :

VX1121WBS03

Tot Ion:	101	Resp:	123296
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.4	51.6
151	84.1	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 10.196 ug/l

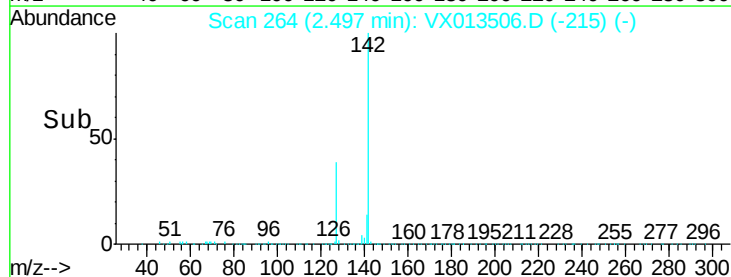
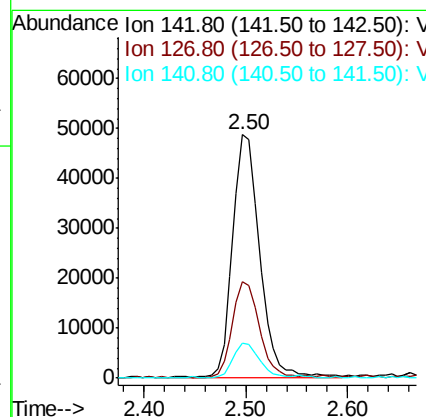
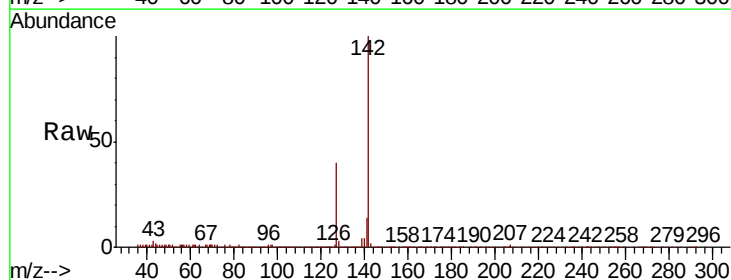
RT: 2.50 min Scan# 264

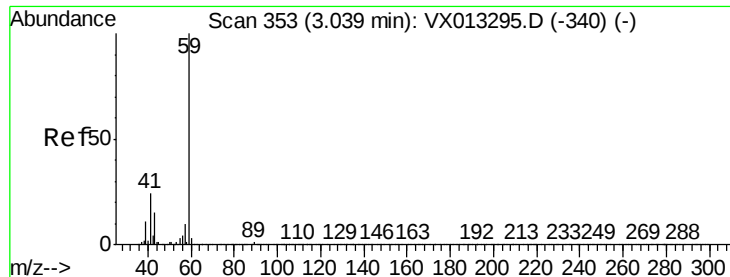
Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Tgt Ion:	142	Resp:	90071
Ion Ratio	Lower	Upper	
142	100		
127	39.2	32.6	49.0
141	14.8	11.6	17.4





#11

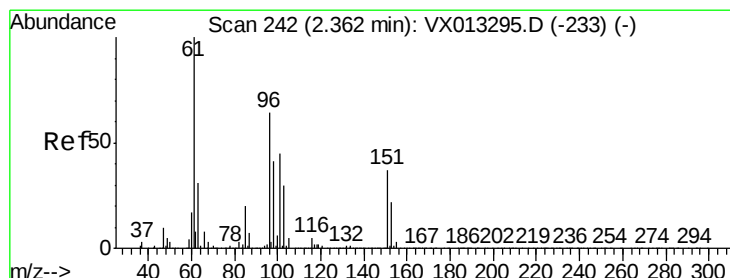
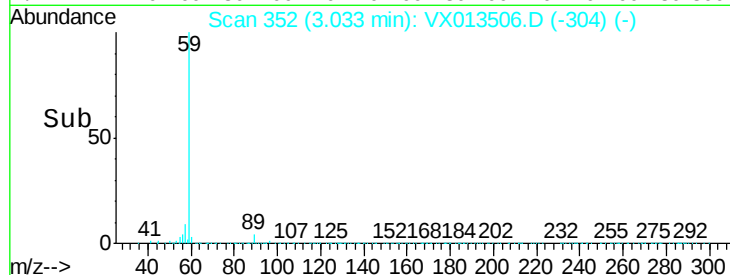
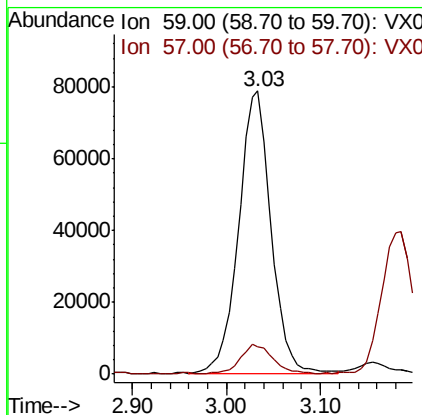
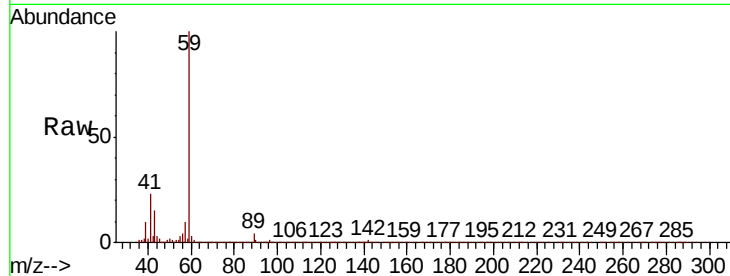
Tert butyl alcohol
Concen: 80.246 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.0	12.0

Manual Integrations
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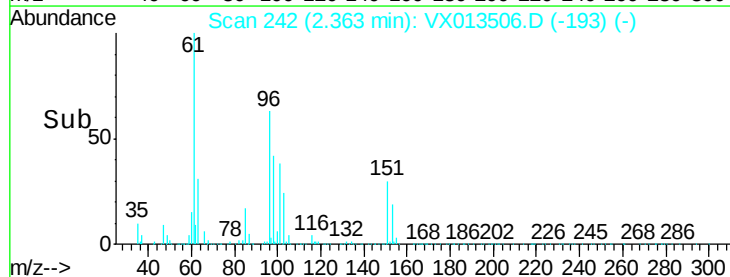
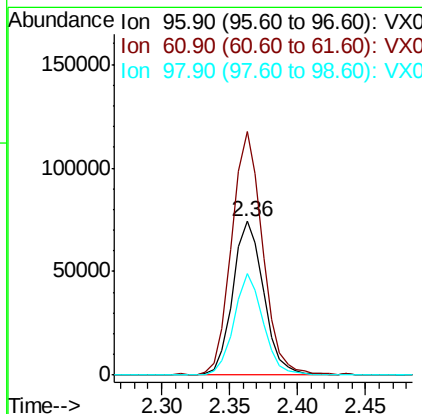
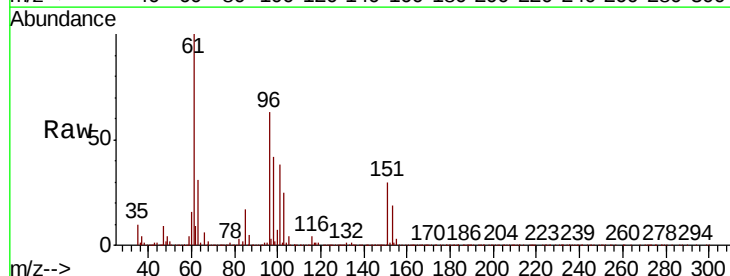
MMDadoda
11/22/2019 8:44:25 AM

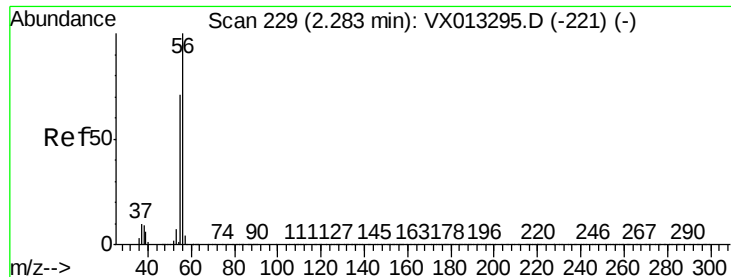


#12

1,1-Dichloroethene
Concen: 16.838 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.4	125.0	187.6
98	65.9	50.7	76.1





#13

Acrolein

Concen: 65.039 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion: 56 Resp: 83839

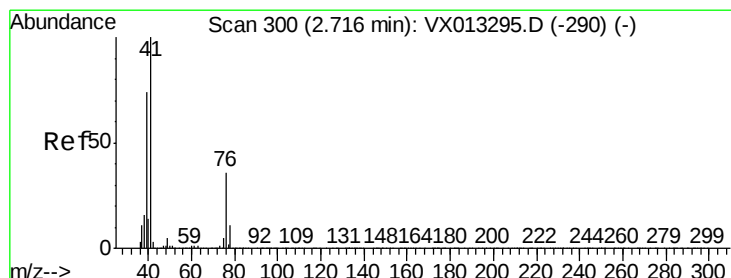
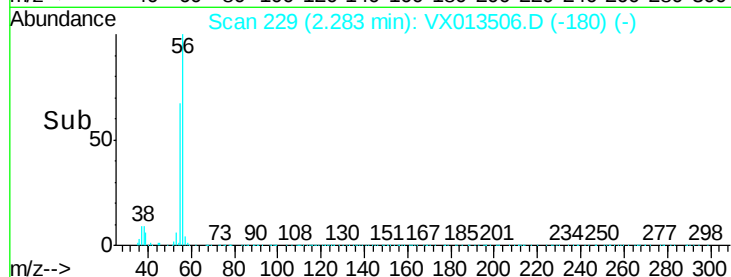
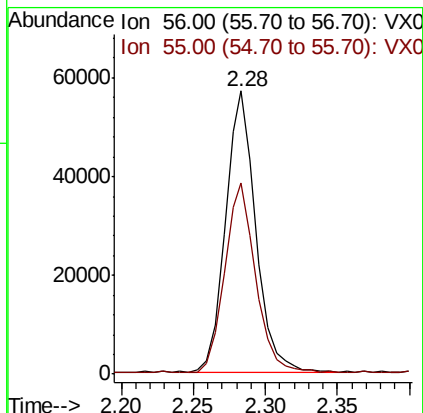
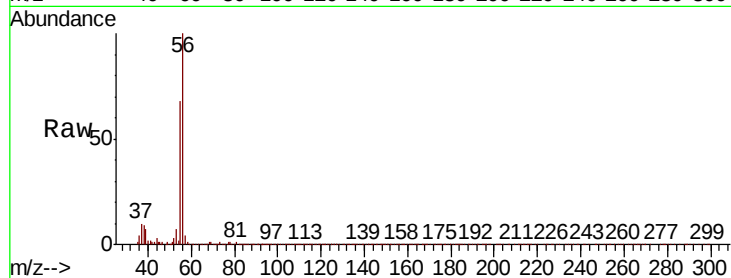
Ion Ratio Lower Upper

56 100

55 68.4 57.4 86.0

Manual Integrations
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#14

Allyl chloride

Concen: 17.050 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

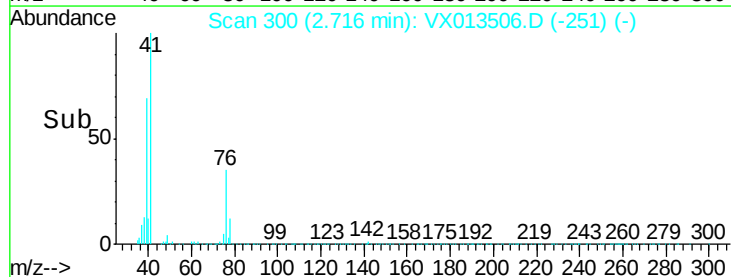
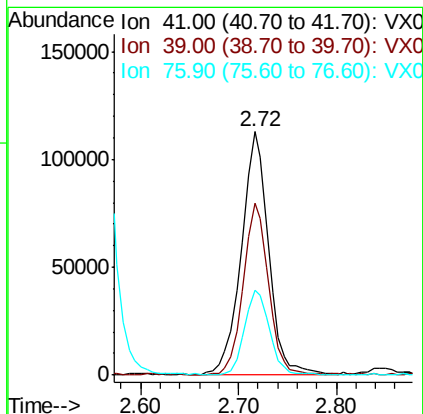
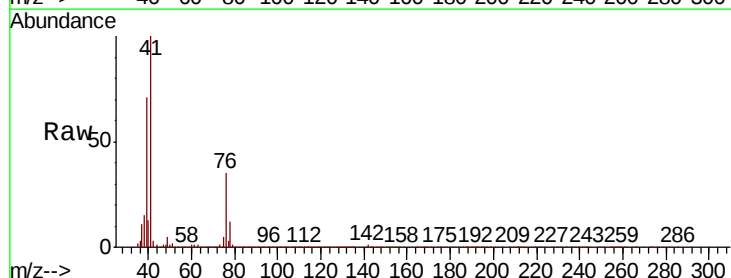
Tgt Ion: 41 Resp: 216448

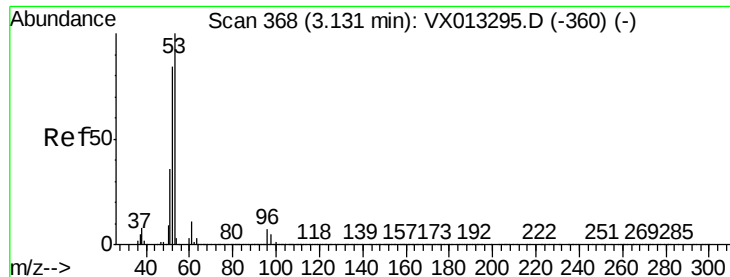
Ion Ratio Lower Upper

41 100

39 65.4 55.8 83.8

76 31.9 26.4 39.6





#15

Acrylonitrile

Concen: 87.442 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

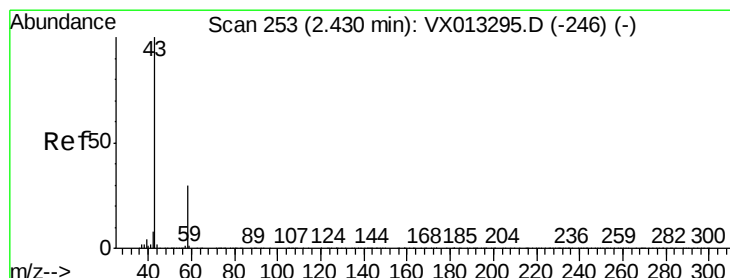
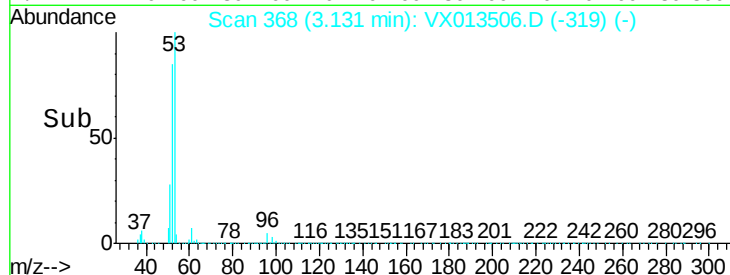
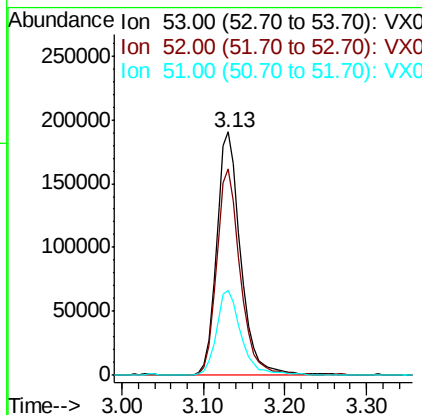
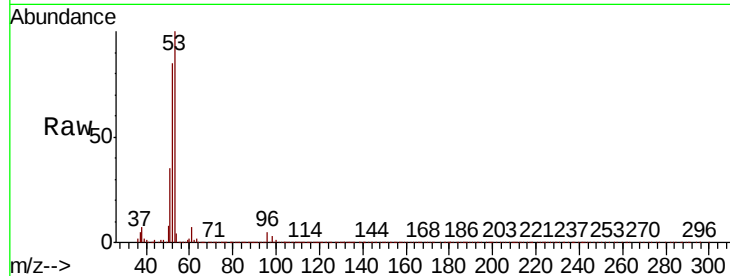
ClientSampleId :

VX1121WBS03

Tot Ion:	53	Resp:	388491
Ion Ratio		Lower	Upper
53	100		
52	83.7	67.4	101.0
51	36.0	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 81.852 ug/l

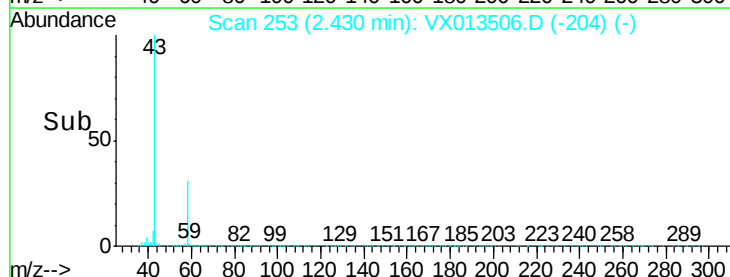
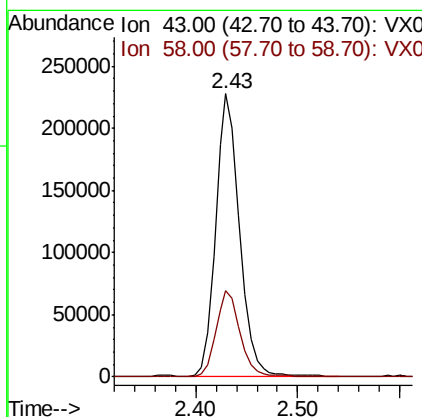
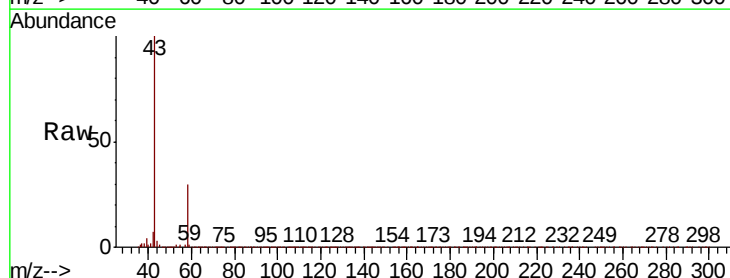
RT: 2.43 min Scan# 253

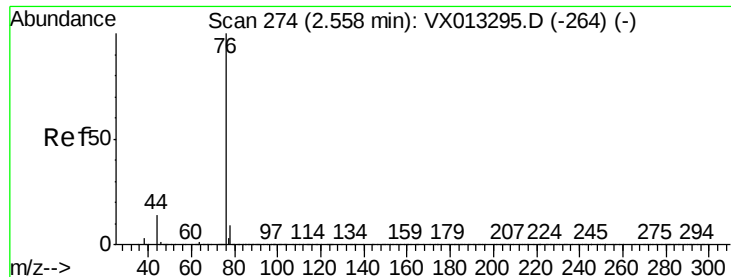
Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Tgt Ion:	43	Resp:	368420
Ion Ratio		Lower	Upper
43	100		
58	30.3	24.3	36.5





#17

Carbon Disulfide

Concen: 14.017 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion: 76 Resp: 262142

Ion Ratio Lower Upper

76 100

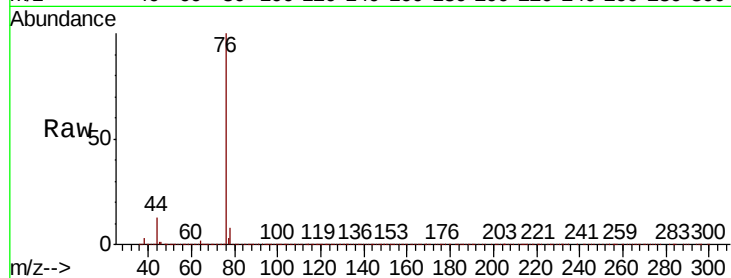
78 8.2 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

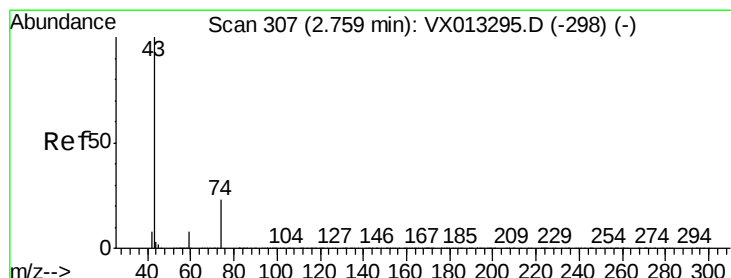
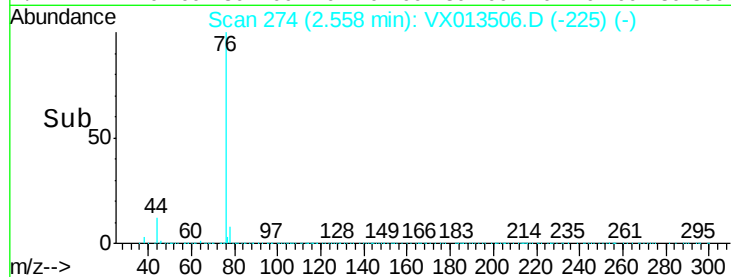
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 18.273 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013506.D

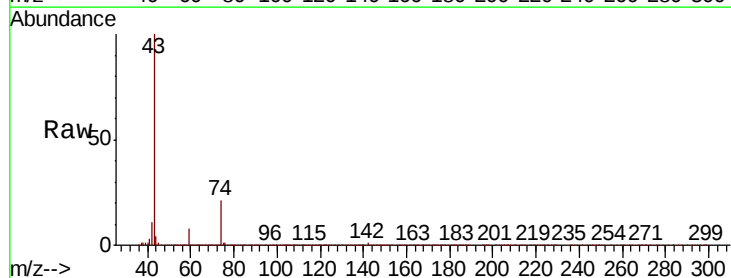
Acq: 21 Nov 2019 16:23

Tgt Ion: 43 Resp: 227073

Ion Ratio Lower Upper

43 100

74 23.5 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

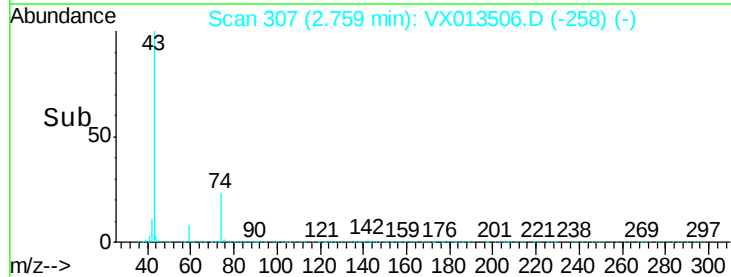
100000

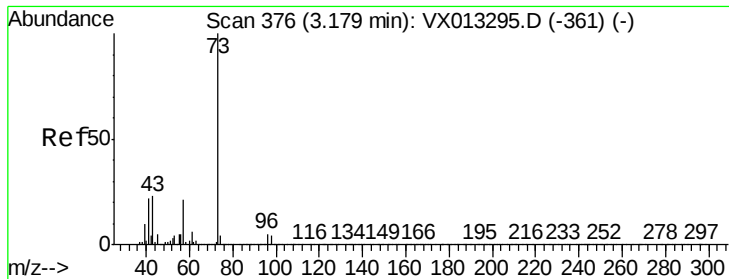
50000

0

Time-->

2.65 2.70 2.75 2.80 2.85





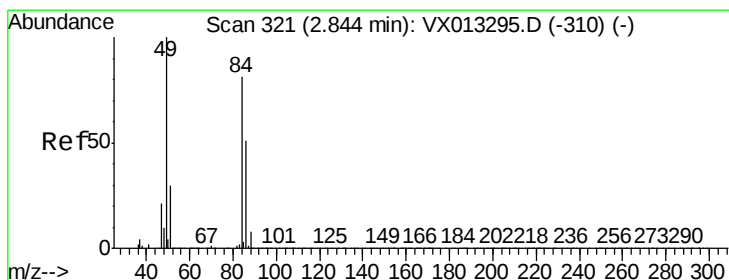
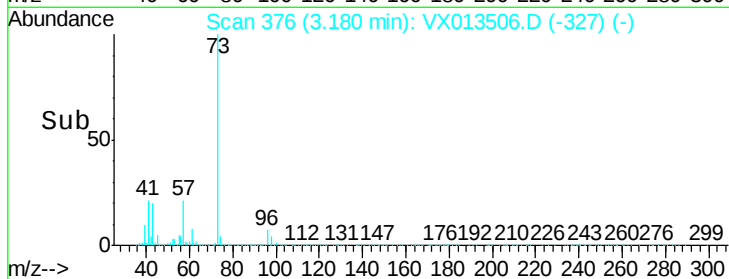
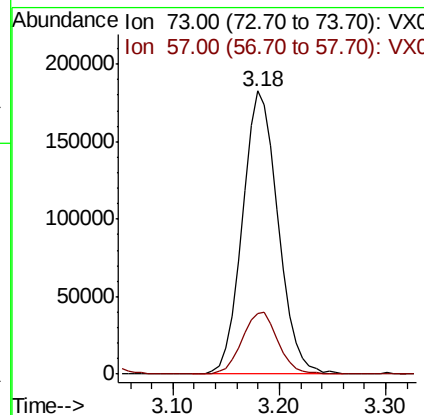
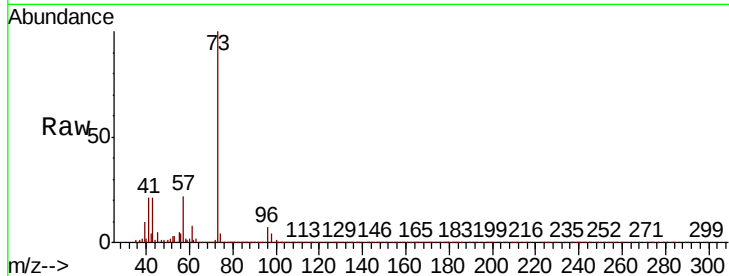
#19
Methvl tert-butvl Ether
Concen: 18.333 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.1	25.7

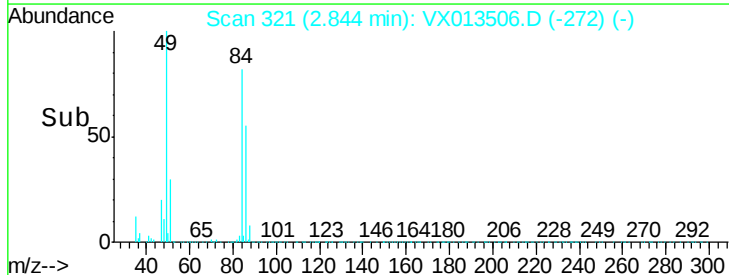
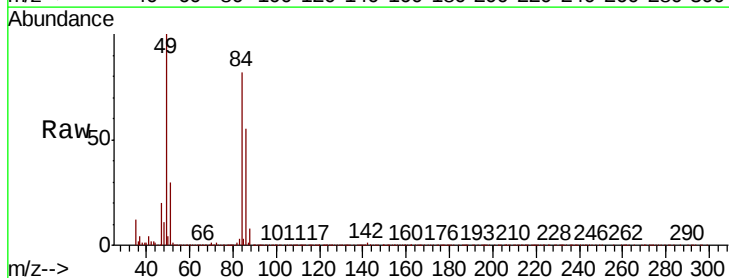
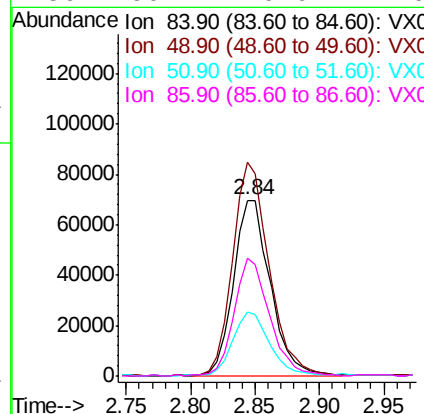
Manual Integrations
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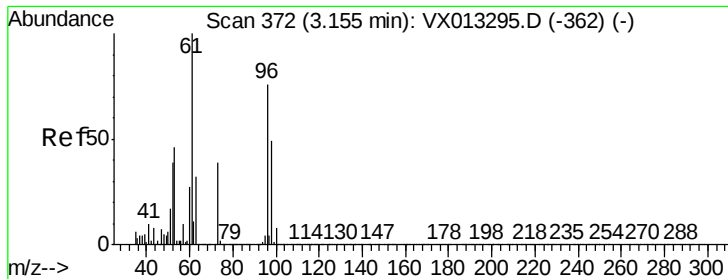
MMDadoda
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#20
Methylene Chloride
Concen: 16.606 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.8	98.2	147.4
51	35.8	29.9	44.9
86	66.7	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 16.618 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

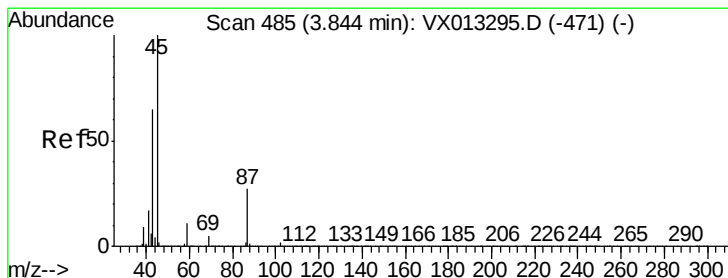
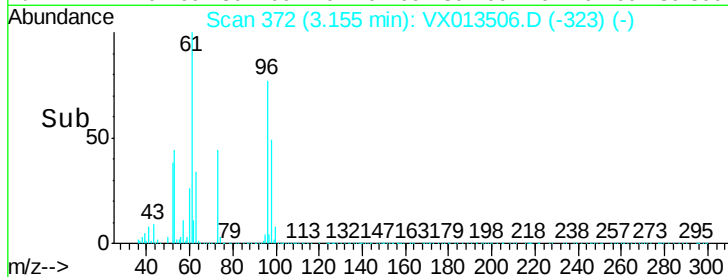
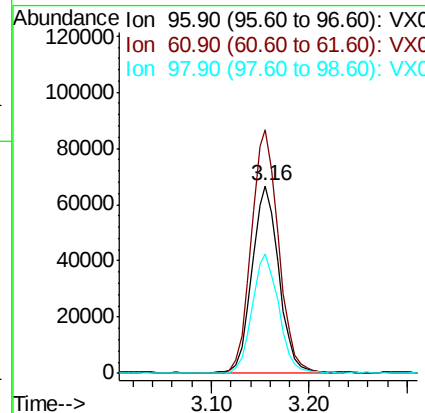
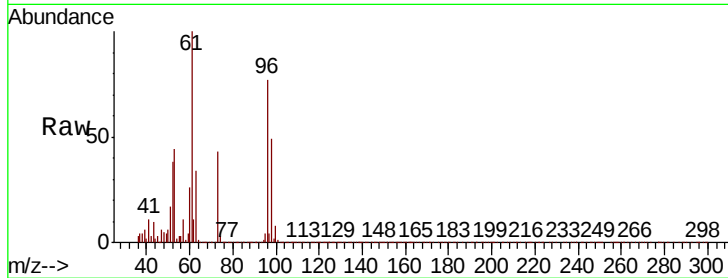
ClientSampleId :

VX1121WBS03

Tot Ion:	96	Resp:	126422
Ion	Ratio	Lower	Upper
96	100		
61	129.9	105.8	158.6
98	63.4	51.8	77.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.249 ug/l

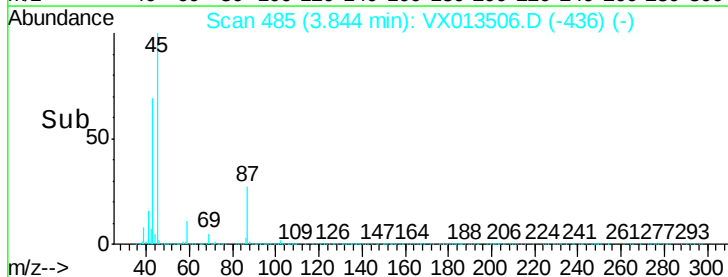
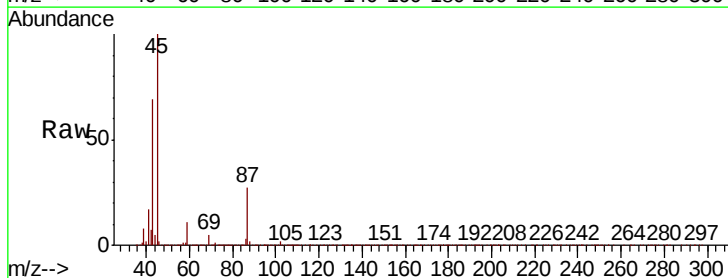
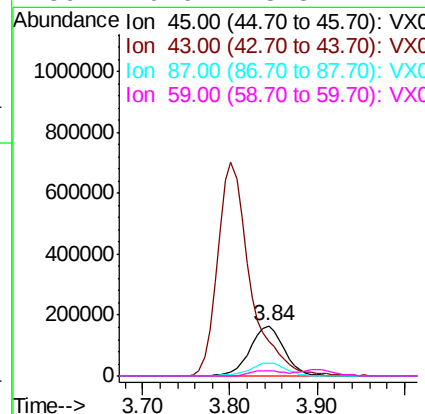
RT: 3.84 min Scan# 485

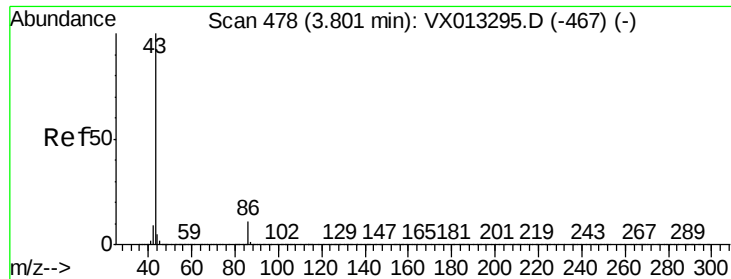
Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Tgt Ion:	45	Resp:	447264
Ion	Ratio	Lower	Upper
45	100		
43	66.4	54.2	81.2
87	26.7	21.8	32.8
59	10.6	8.5	12.7





#23

Vinyl Acetate

Concen: 86.949 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion: 43 Resp: 1823553

Ion Ratio Lower Upper

43 100

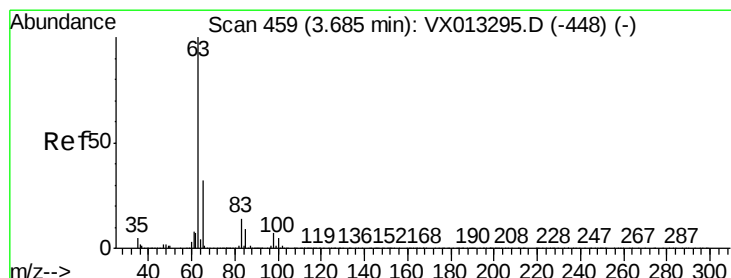
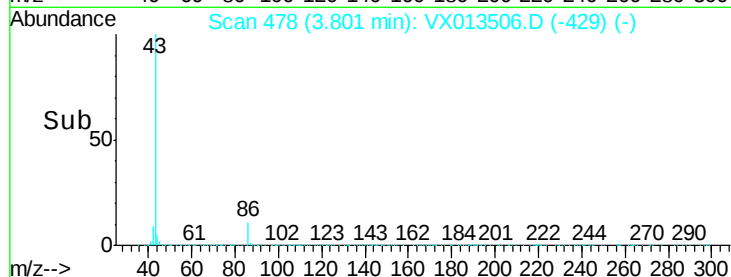
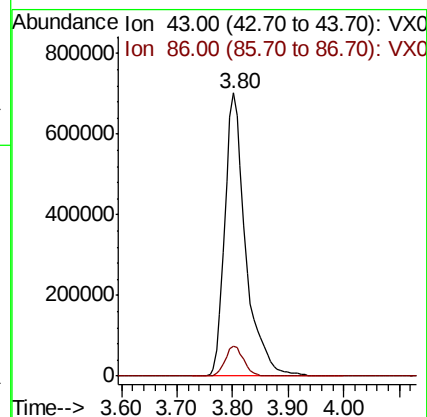
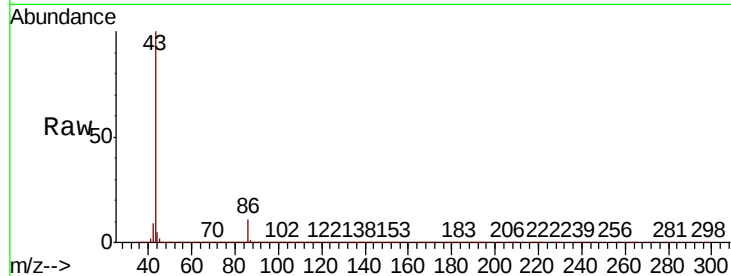
86 10.7 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.347 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

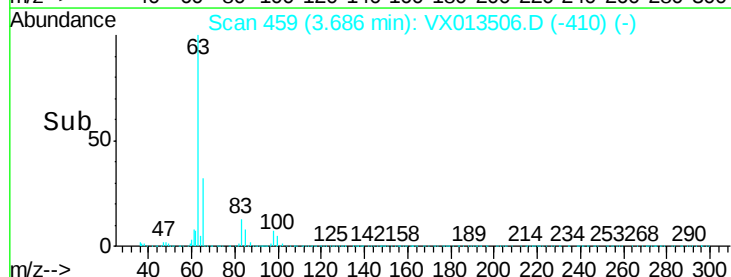
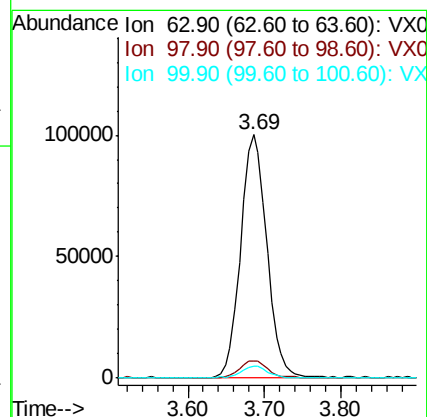
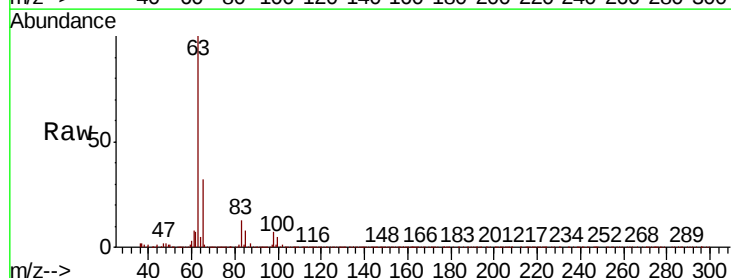
Tgt Ion: 63 Resp: 237834

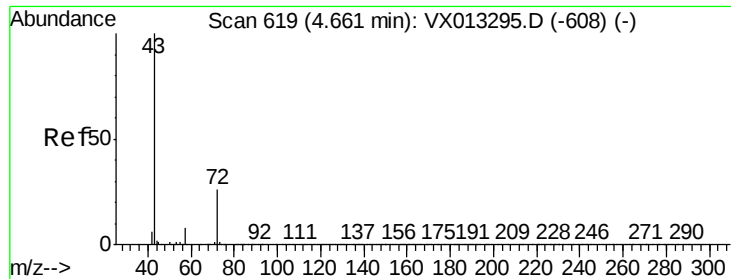
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 85.350 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion: 43 Resp: 563571

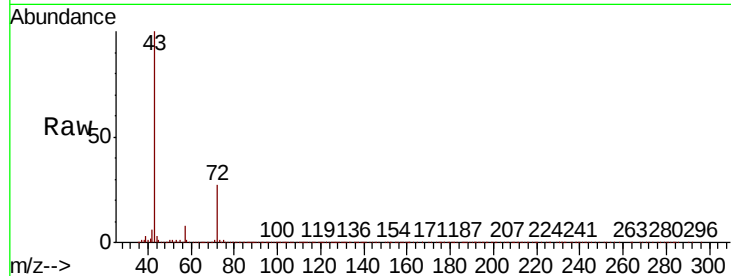
Ion Ratio Lower Upper

43 100

72 27.0 21.0 31.6

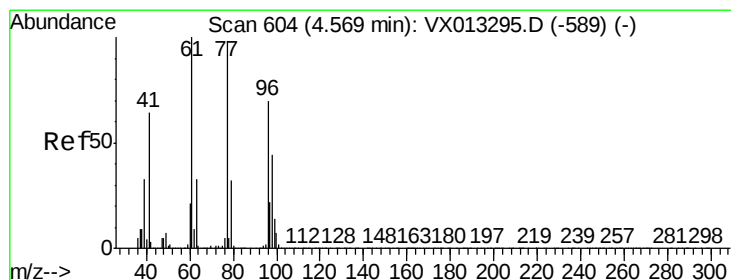
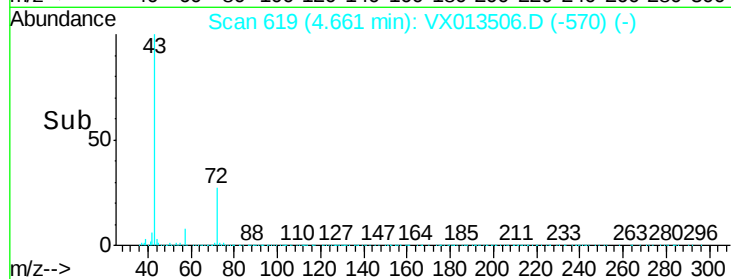
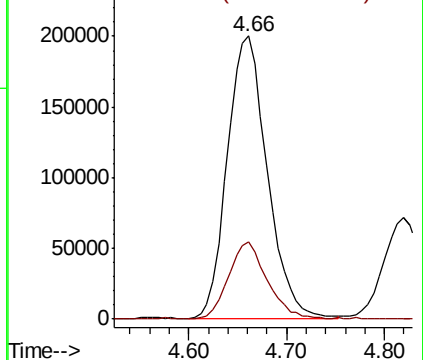
Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.550 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013506.D

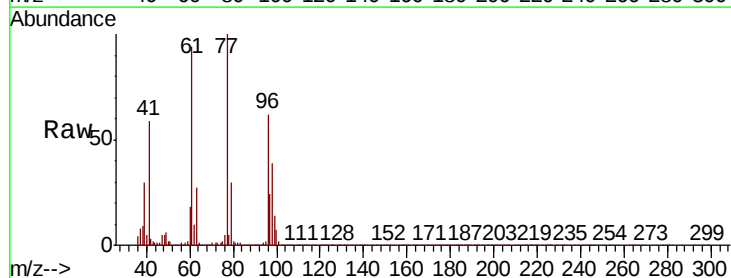
Acq: 21 Nov 2019 16:23

Tgt Ion: 77 Resp: 202334

Ion Ratio Lower Upper

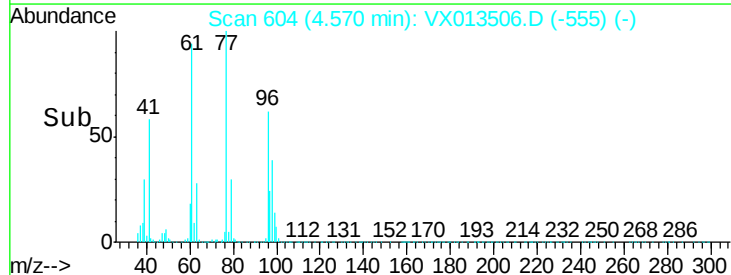
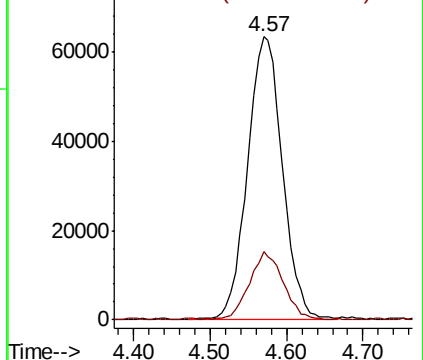
77 100

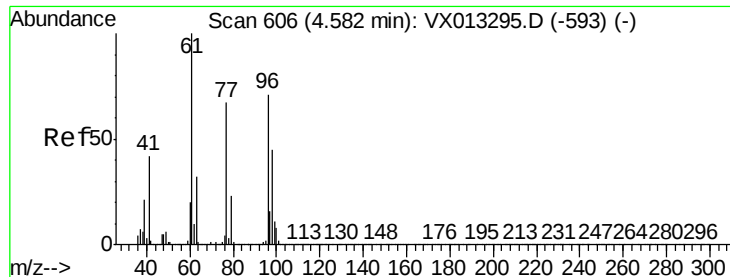
97 23.0 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

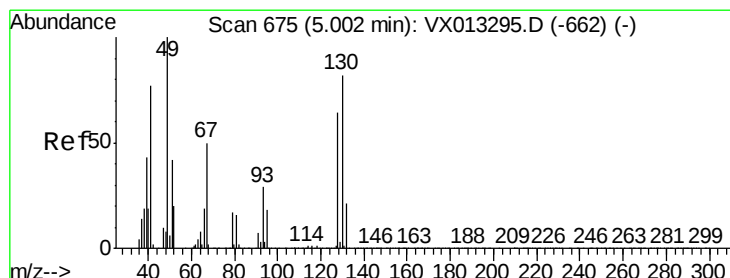
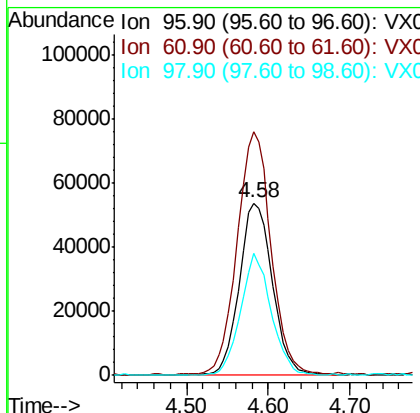
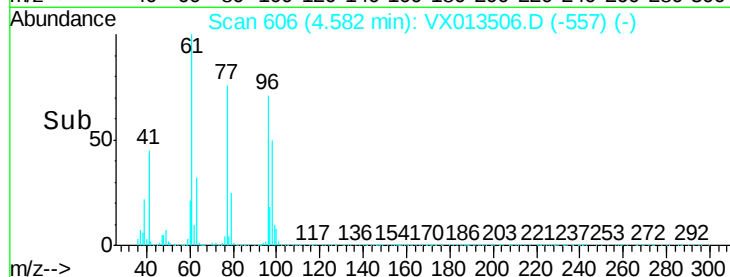
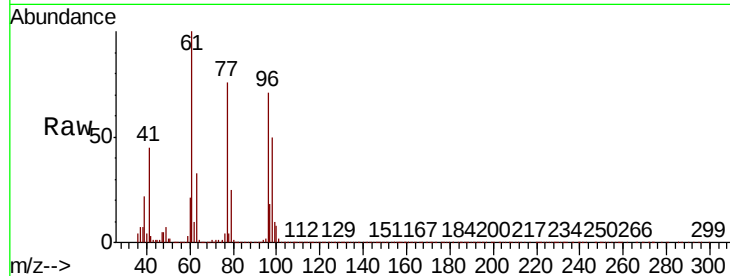
cis-1,2-Dichloroethene
Concen: 17.636 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion	Ratio	Resp	Lower	Upper
96	100	150298		
61	145.2	0.0	288.0	
98	65.7	0.0	129.6	

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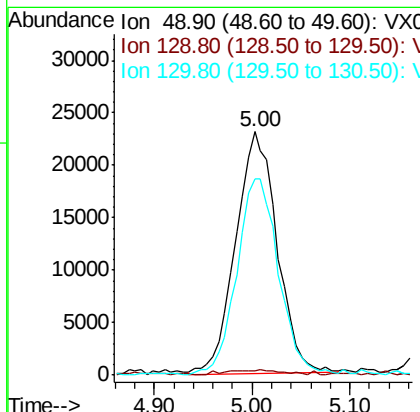
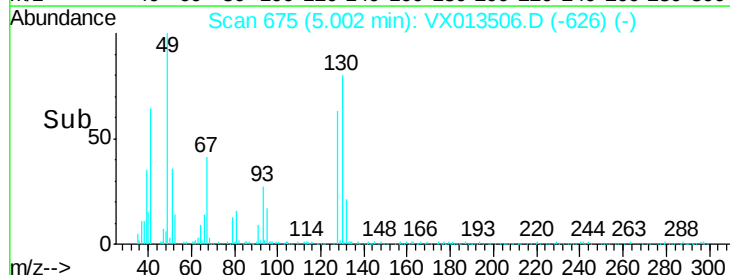
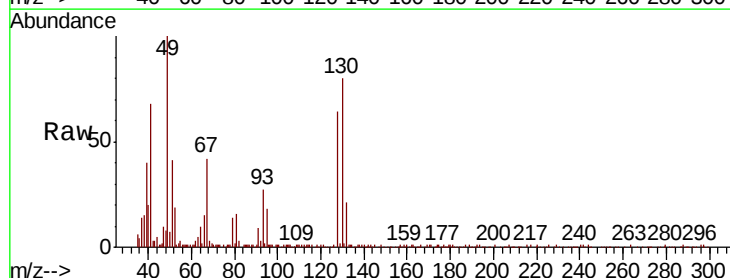
MMDadoda
11/22/2019 8:44:25 AM

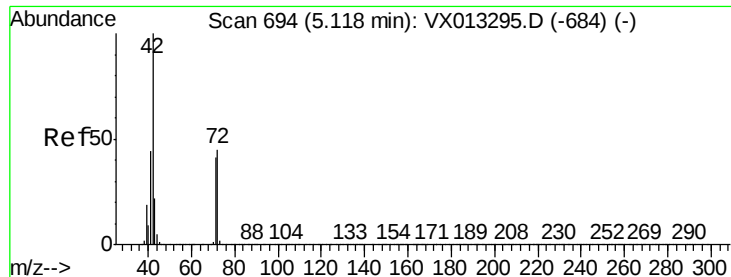


#28

Bromochloromethane
Concen: 17.383 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	67669		
129	1.6	0.0	5.2	
130	82.2	63.8	95.6	





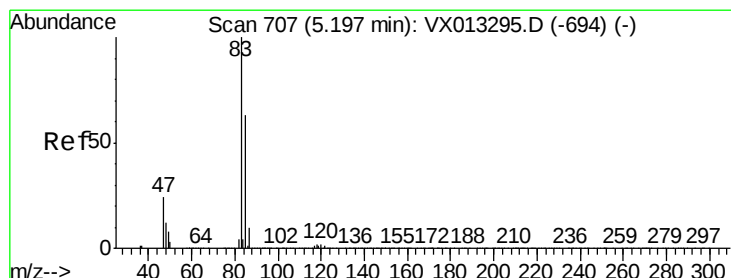
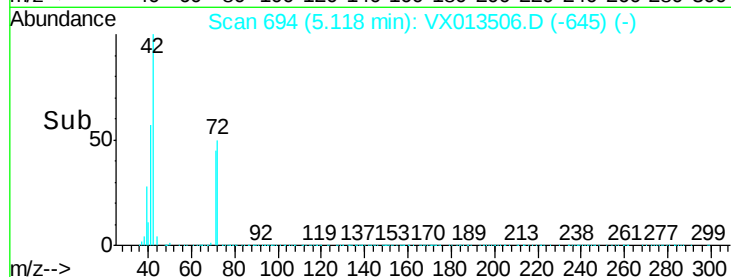
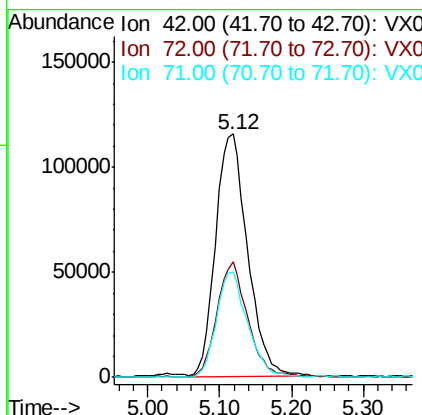
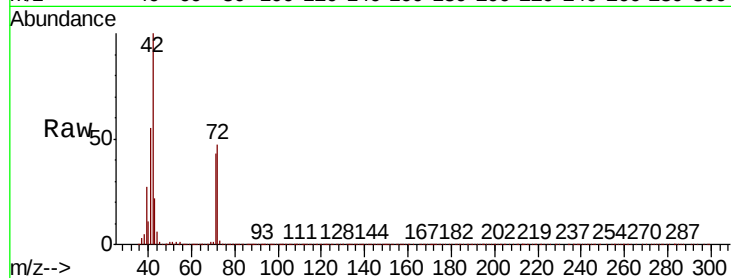
#29
Tetrahydrofuran
Concen: 87.548 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	35.8	53.8
71	42.2	33.4	50.0

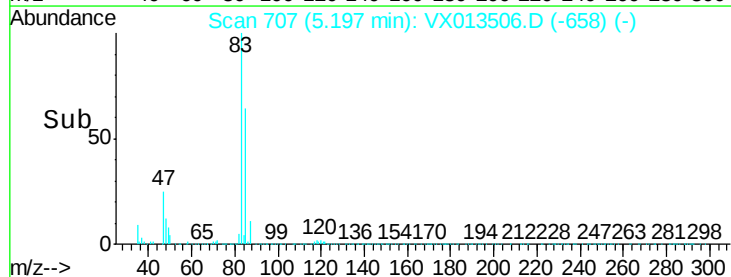
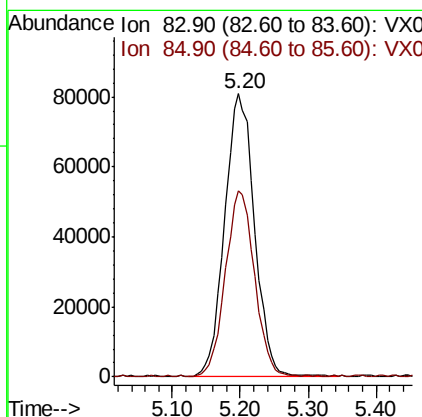
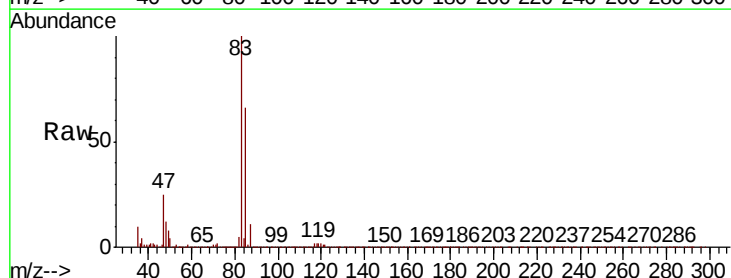
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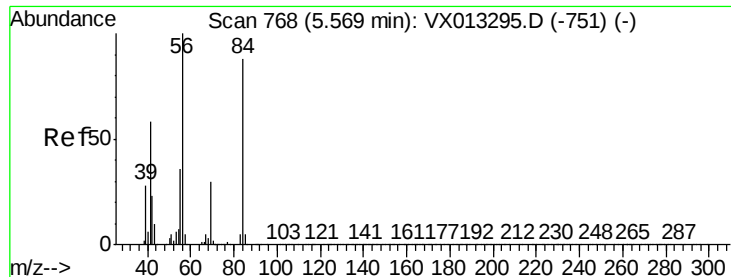
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11/22/2019 8:44:25 AM



#30
Chloroform
Concen: 18.171 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.2	75.4





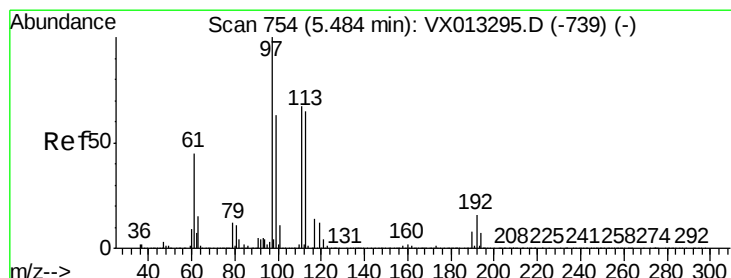
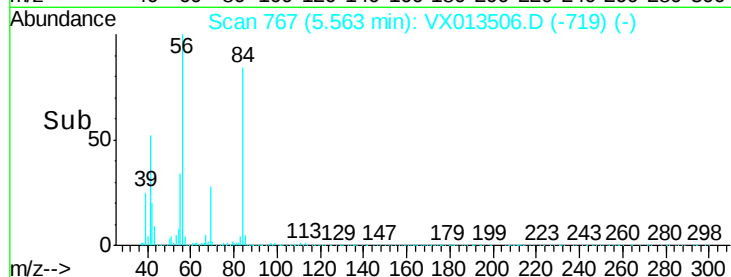
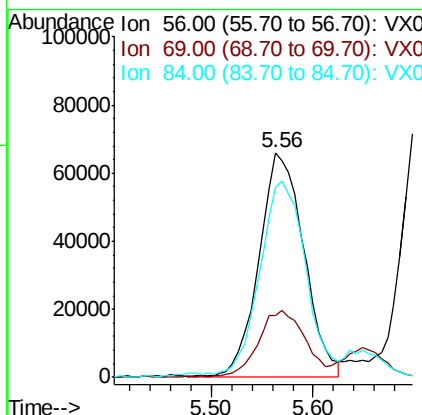
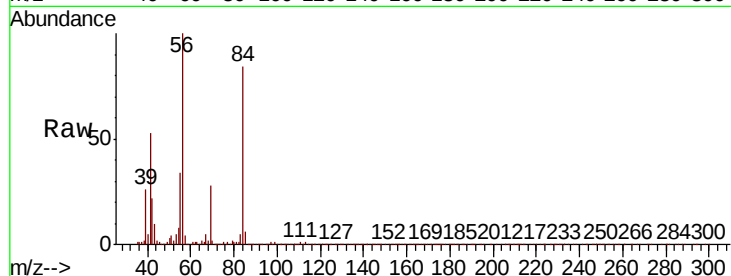
#31
Cyclohexane
Concen: 16.202 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.3	23.7	35.5
84	83.0	70.6	105.8

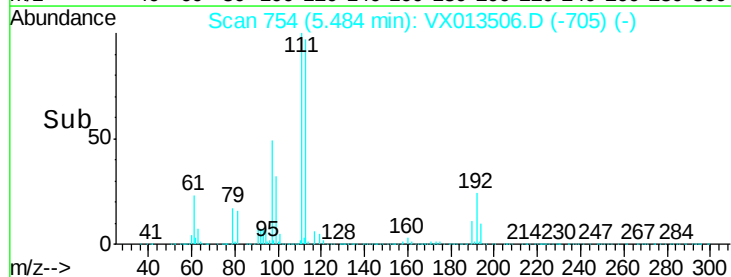
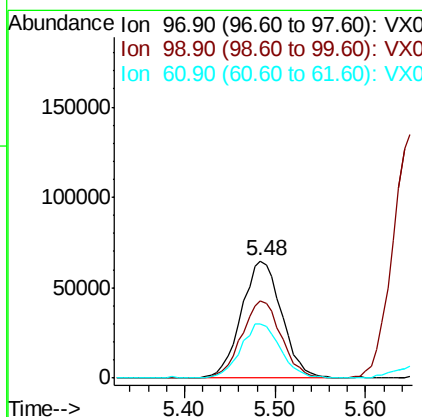
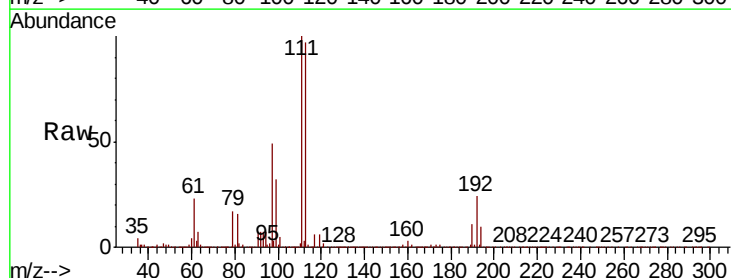
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 17.059 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.1	76.7
61	44.9	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 48.714 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion: 65 Resp: 439592

Ion Ratio Lower Upper

65 100

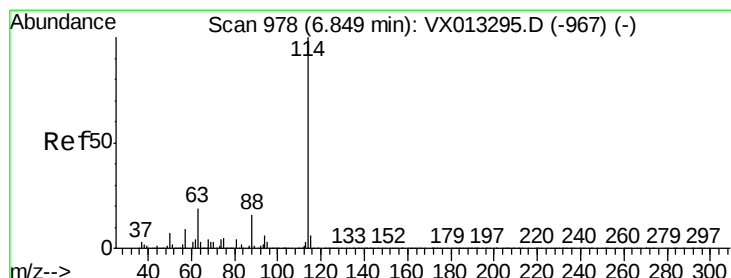
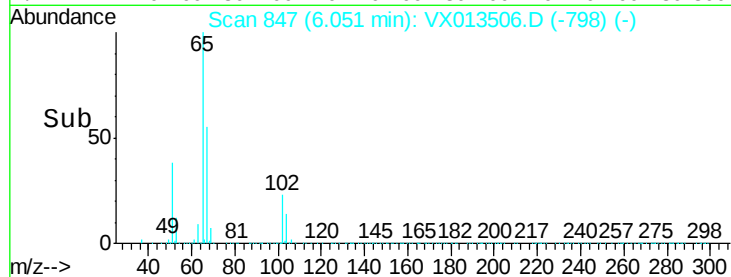
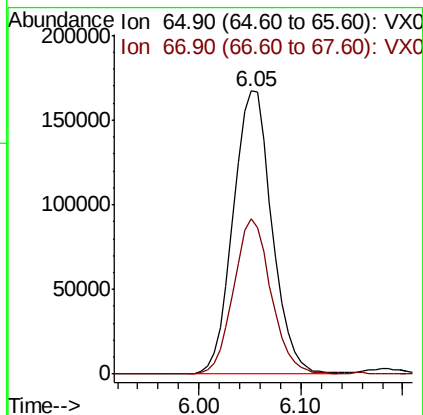
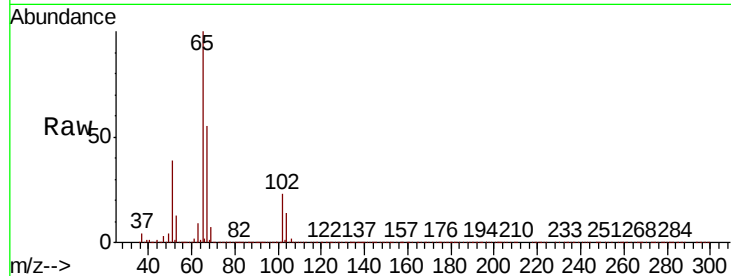
67 53.3 0.0 104.2

Manual Integrations

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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: VX013506.D

Acq: 21 Nov 2019 16:23

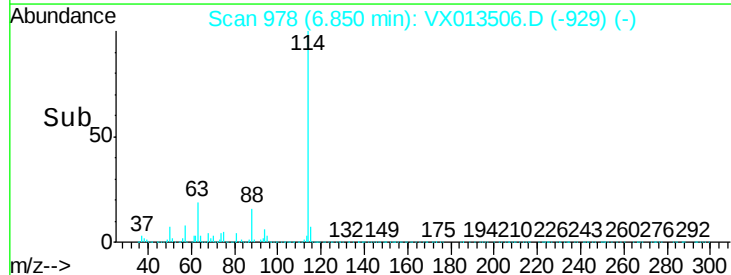
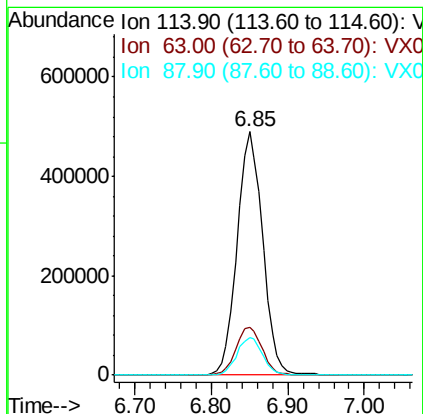
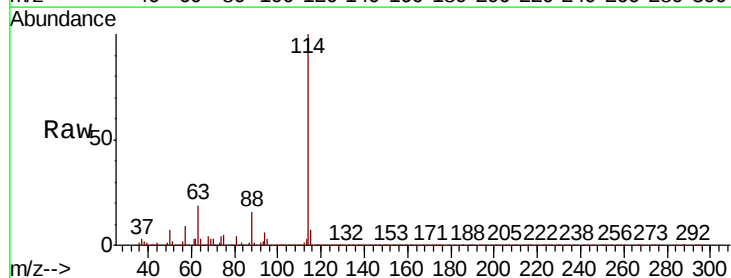
Tgt Ion: 114 Resp: 1134127

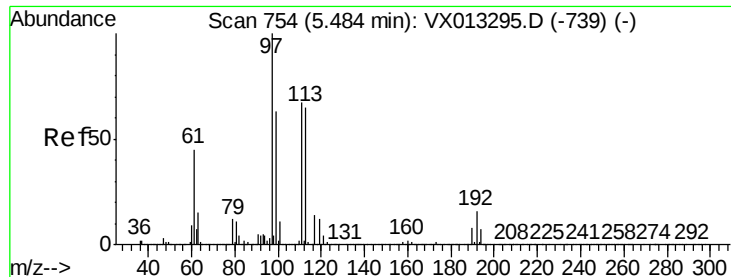
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.422 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

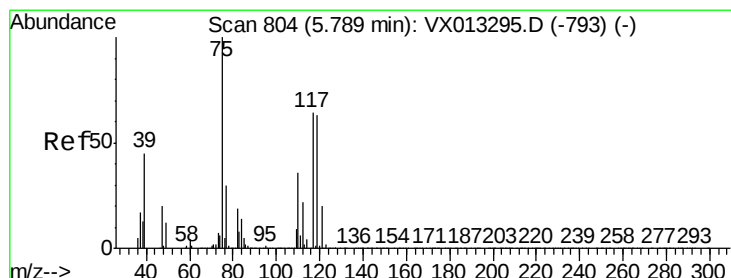
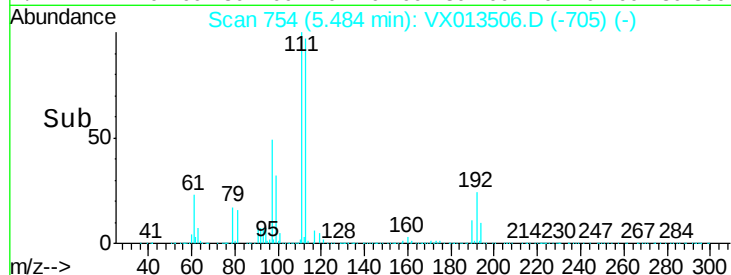
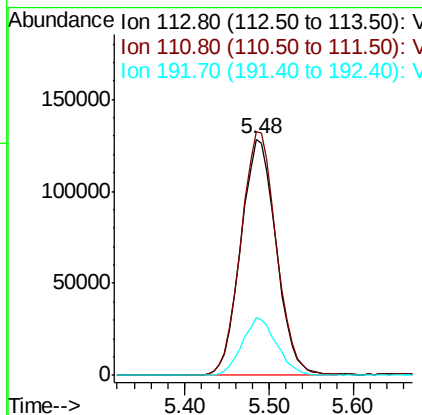
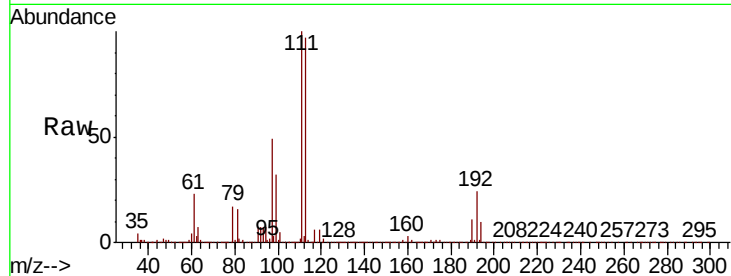
ClientSampleId :

VX1121WBS03

Tot Ion:	113	Resp:	365785
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.9	122.9
192	24.1	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 17.648 ug/l

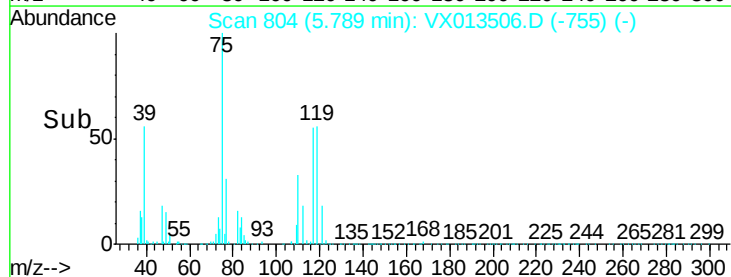
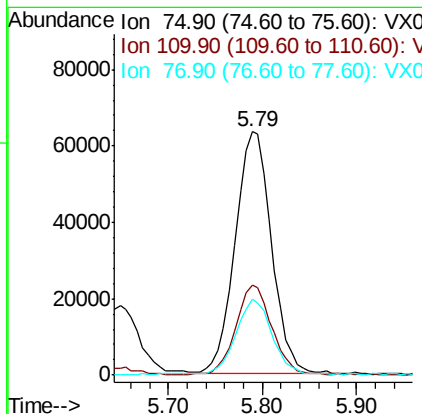
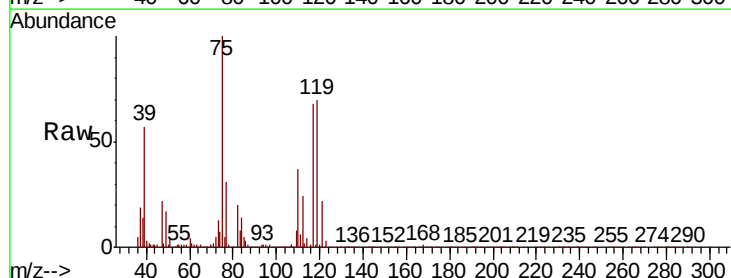
RT: 5.79 min Scan# 804

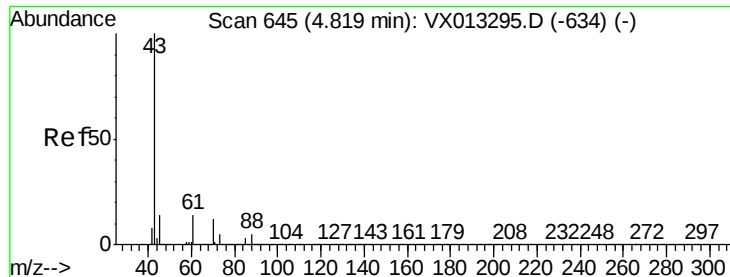
Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Tgt Ion:	75	Resp:	171701
Ion Ratio	Lower	Upper	
75	100		
110	36.1	18.1	54.1
77	31.5	25.0	37.4





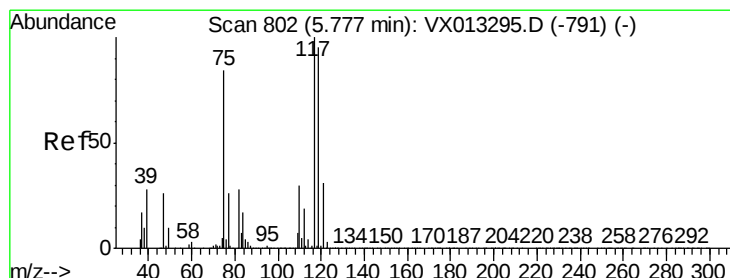
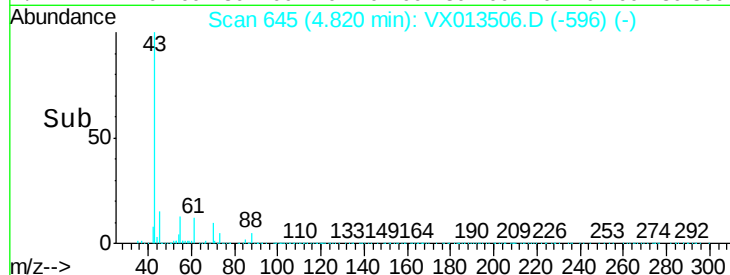
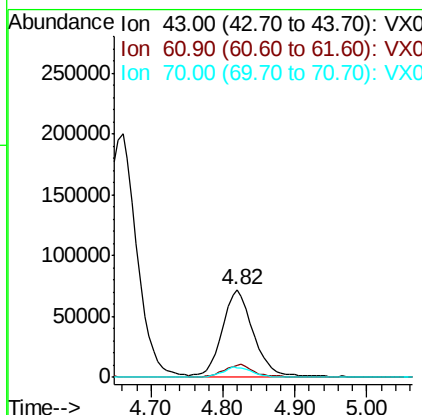
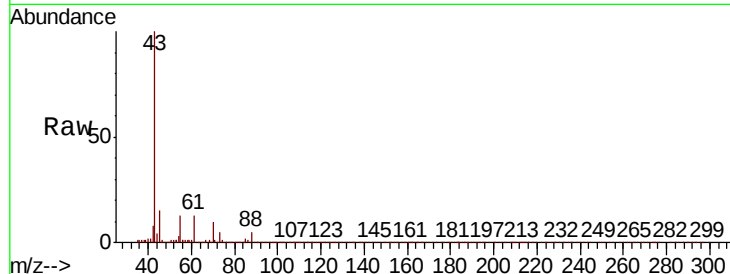
#37
Ethyl Acetate
Concen: 17.667 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion	43	Resp	212400
Ion Ratio	Lower	Upper	
43	100		
61	13.2	10.7	16.1
70	10.8	8.7	13.1

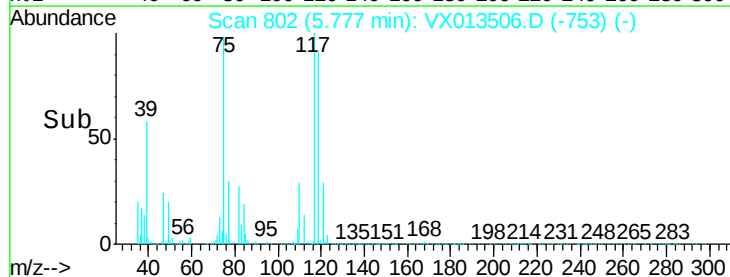
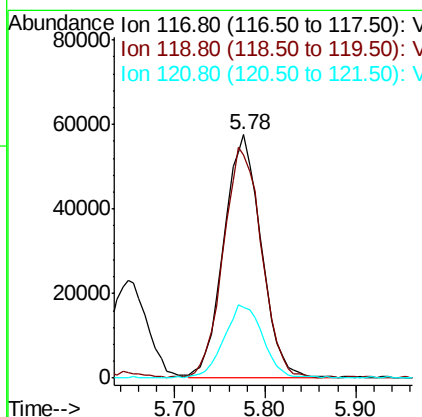
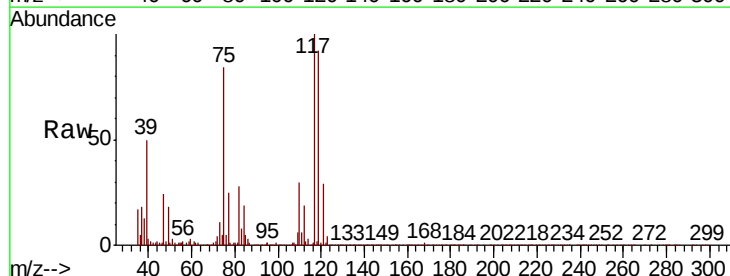
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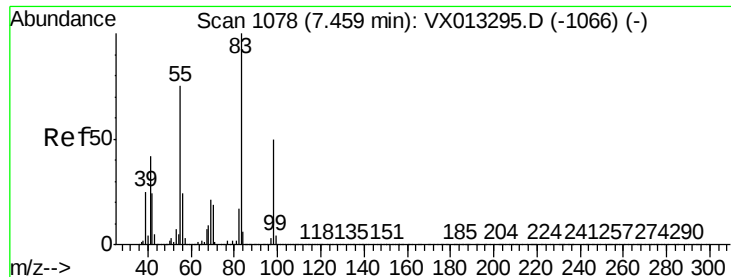
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#38
Carbon Tetrachloride
Concen: 17.251 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion	117	Resp	164127
Ion Ratio	Lower	Upper	
117	100		
119	91.7	76.1	114.1
121	29.0	24.6	37.0





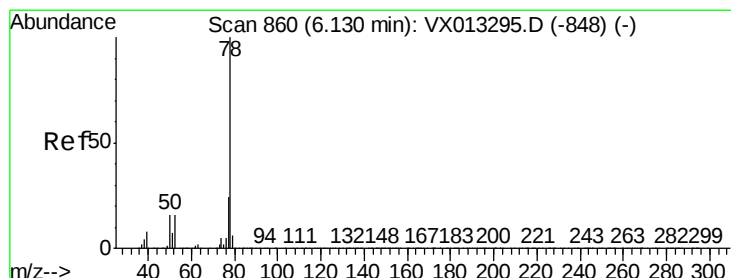
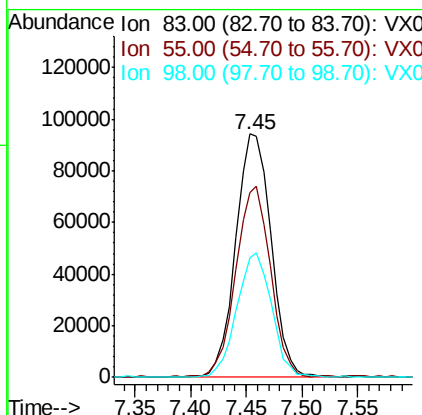
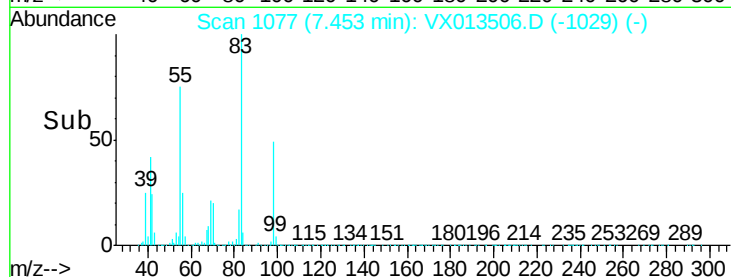
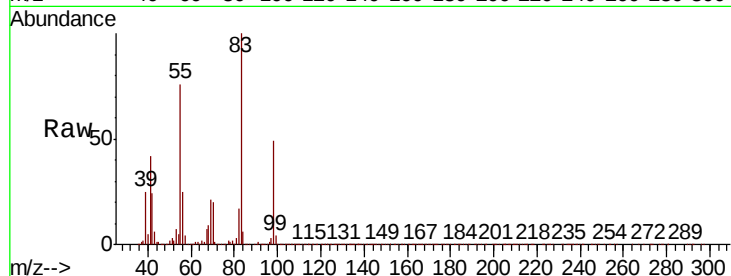
#39
Methvlcvclohexane
Concen: 17.091 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	60.3	90.5
98	48.8	40.3	60.5

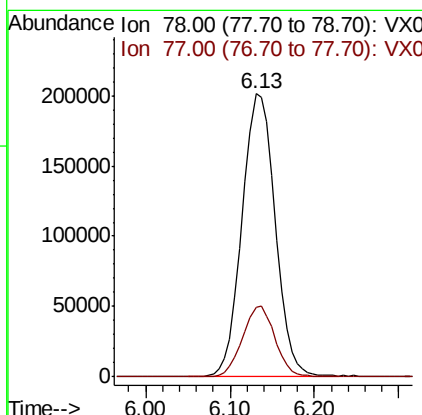
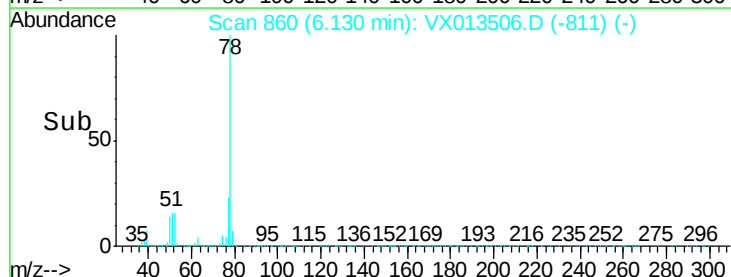
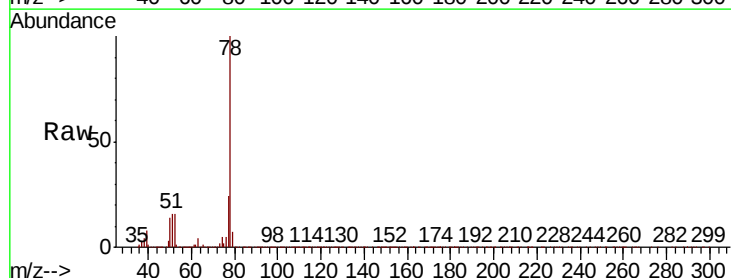
Manual Integrations
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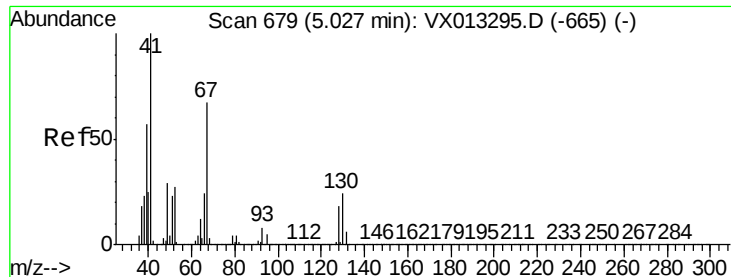
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#40
Benzene
Concen: 17.679 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





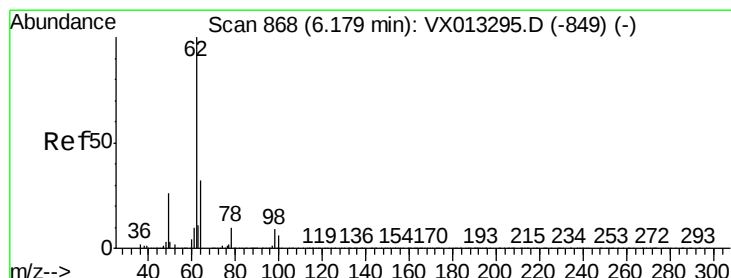
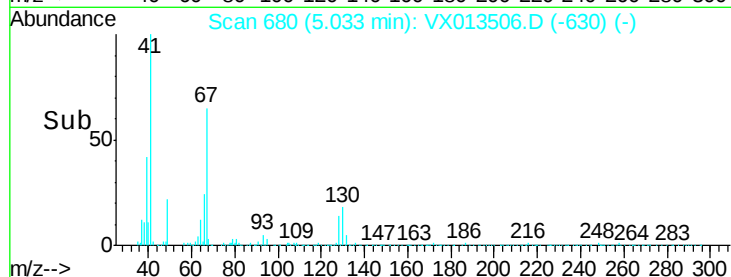
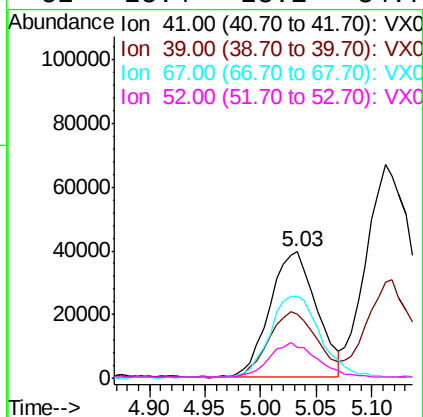
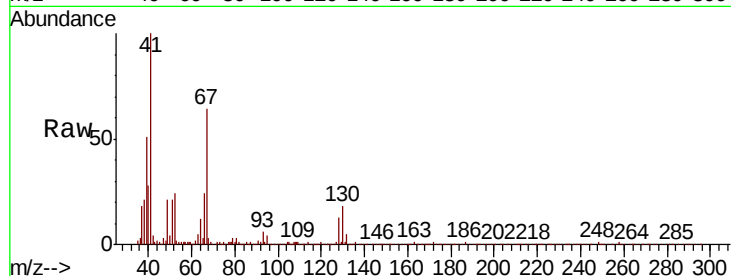
#41
Methacrylonitrile
Concen: 17.122 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.9	45.0	67.6		
67	69.9	55.4	83.2		
52	28.4	23.1	34.7		

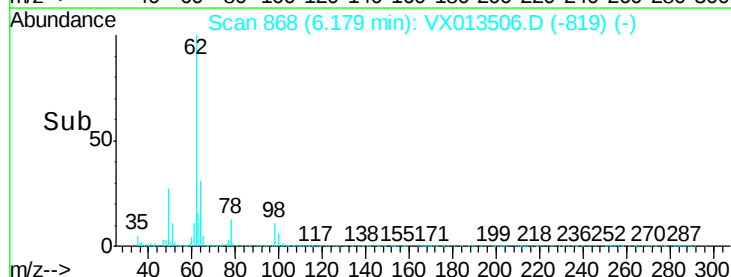
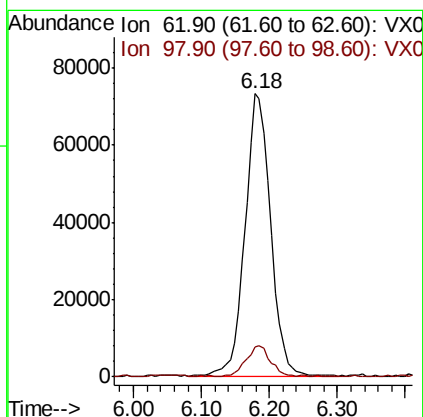
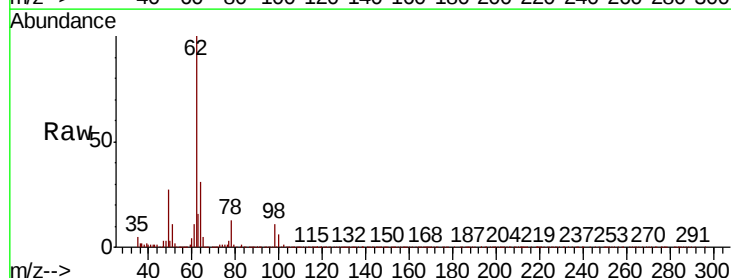
Manual Integrations
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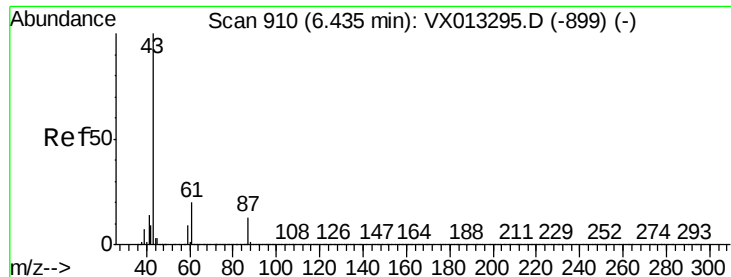
MMDadoda
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#42
1,2-Dichloroethane
Concen: 17.441 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.3	0.0	19.4		





#43

Isopropyl Acetate

Concen: 18.624 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

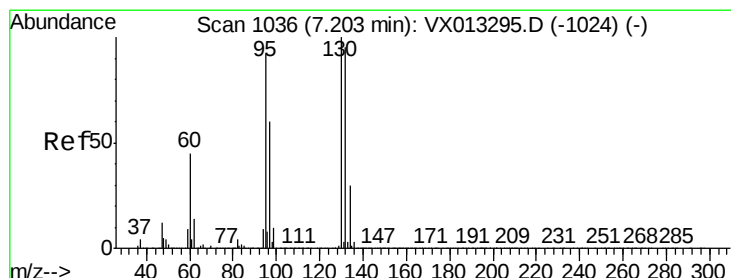
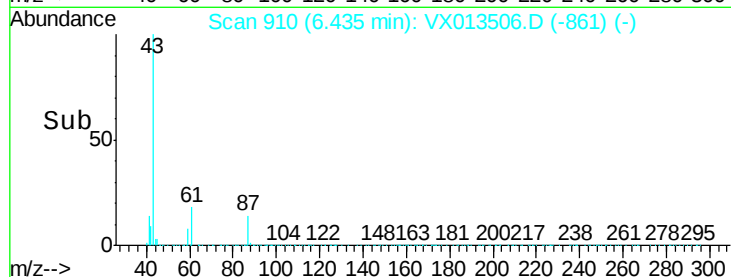
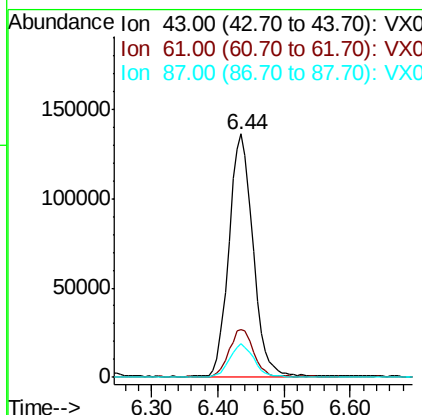
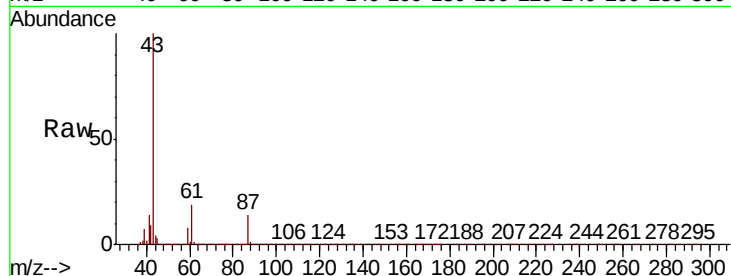
ClientSampleId :

VX1121WBS03

Tot Ion:	43	Resp:	348648
Ion Ratio		Lower	Upper
43	100		
61	19.5	15.8	23.8
87	13.7	10.4	15.6

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#44

Trichloroethene

Concen: 17.209 ug/l

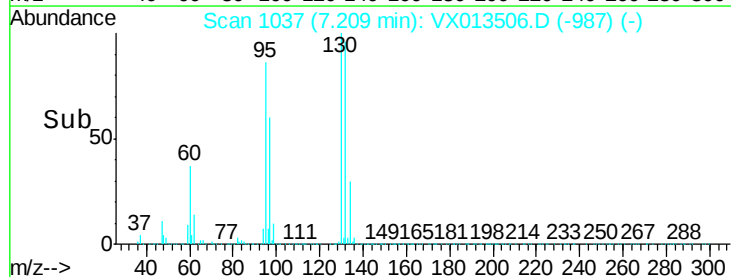
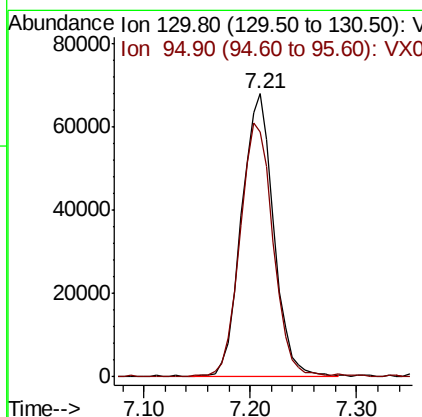
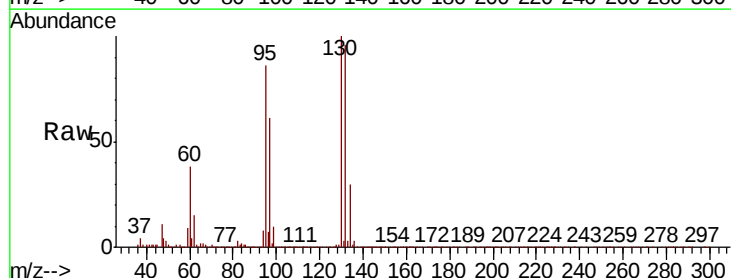
RT: 7.21 min Scan# 1037

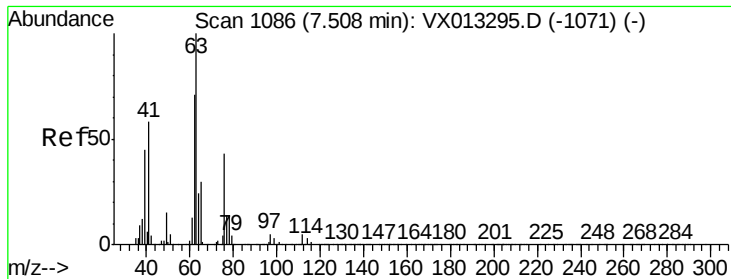
Delta R.T. 0.01 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Tgt Ion:	130	Resp:	143565
Ion Ratio		Lower	Upper
130	100		
95	86.4	0.0	184.8





#45

1,2-Dichloropropane

Concen: 18.244 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion: 63 Resp: 140880

Ion Ratio Lower Upper

63 100

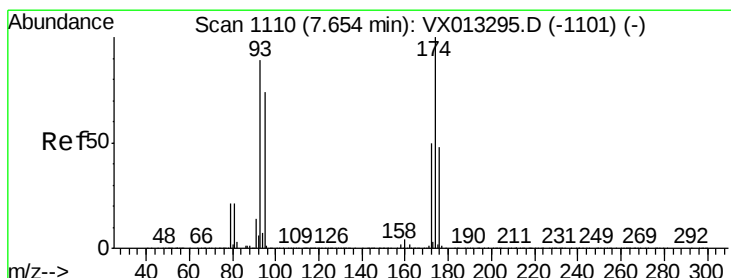
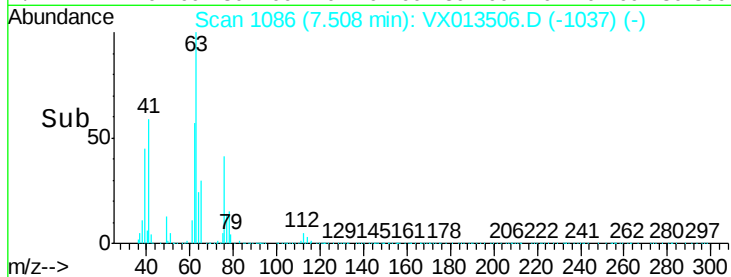
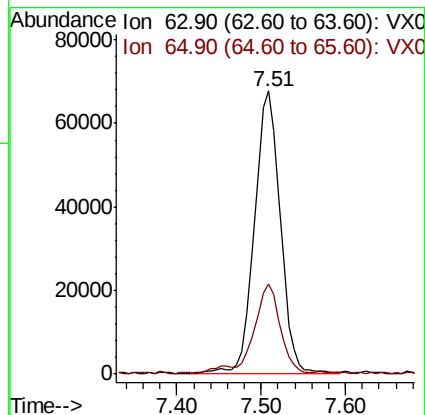
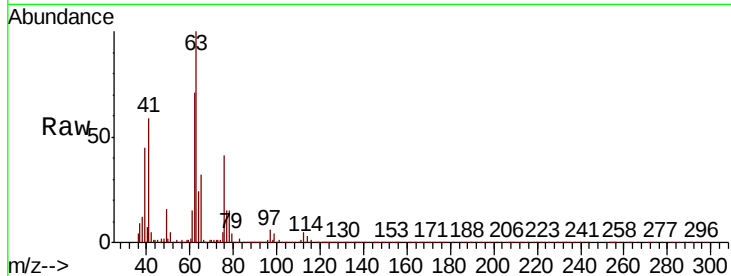
65 31.6 24.3 36.5

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#46

Dibromomethane

Concen: 17.716 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

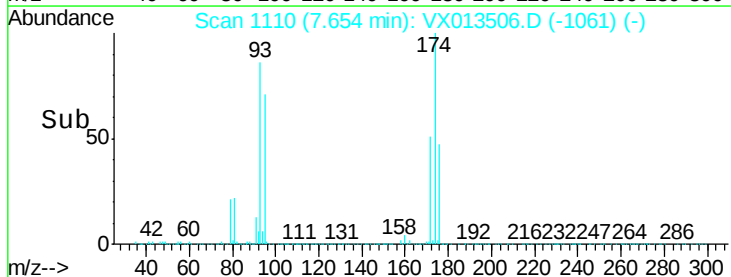
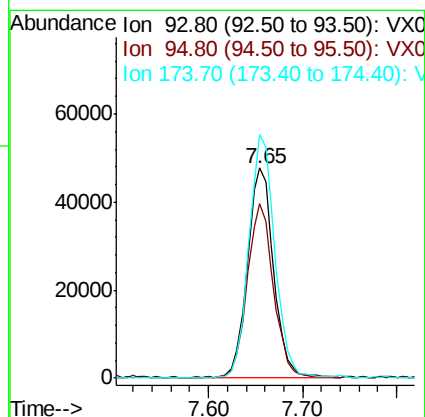
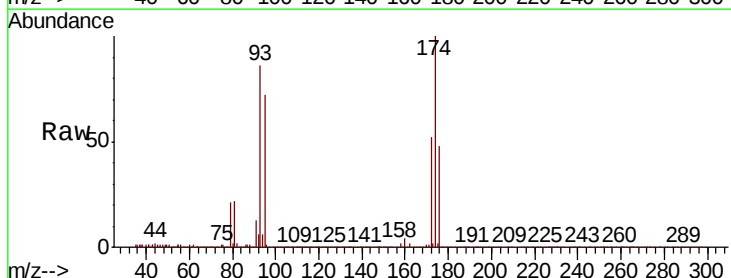
Tgt Ion: 93 Resp: 93406

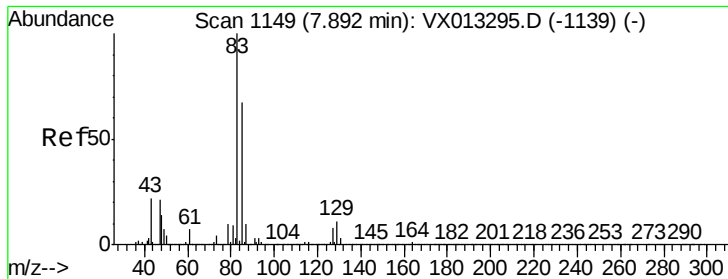
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.6

174 114.3 90.4 135.6





#47

Bromodichloromethane

Concen: 18.066 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

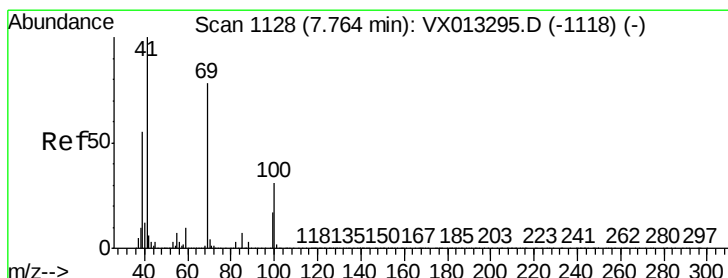
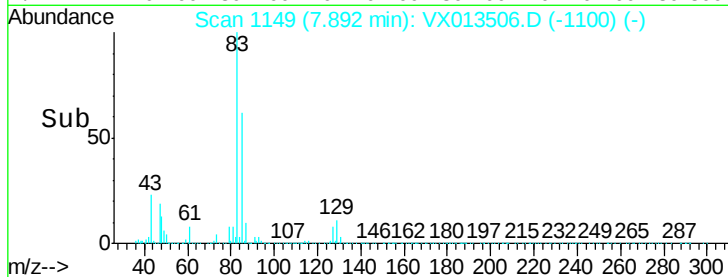
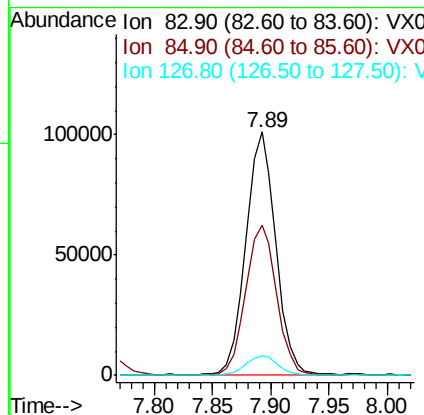
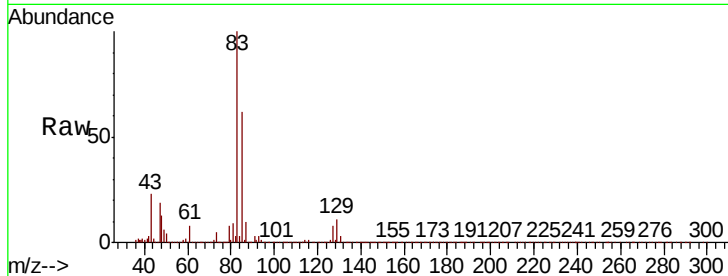
ClientSampleId :

VX1121WBS03

Tot Ion:	83	Resp:	179613
Ion Ratio	Lower	Upper	
83	100		
85	61.6	53.7	80.5
127	7.8	6.4	9.6

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#48

Methyl methacrylate

Concen: 17.968 ug/l

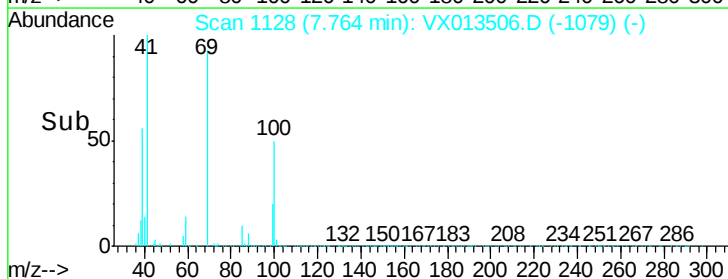
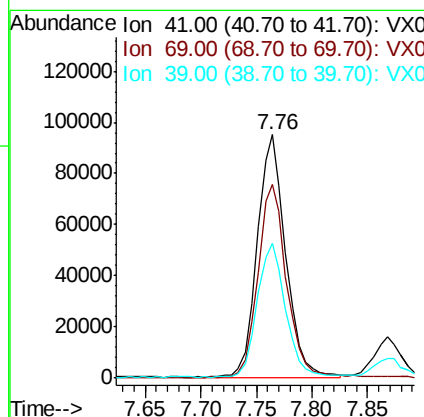
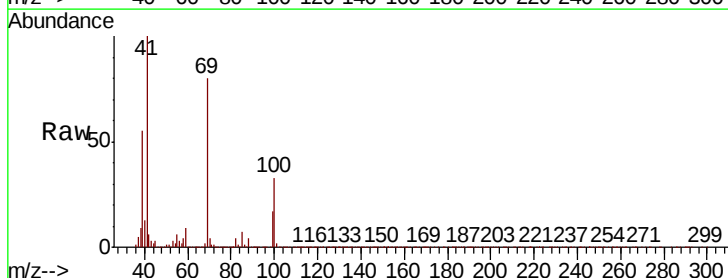
RT: 7.76 min Scan# 1128

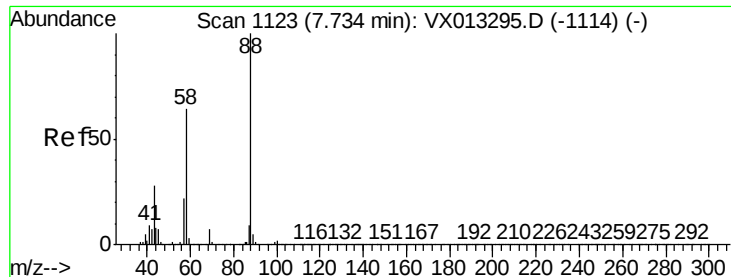
Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Tgt Ion:	41	Resp:	167912
Ion Ratio	Lower	Upper	
41	100		
69	81.6	63.0	94.6
39	55.6	45.9	68.9





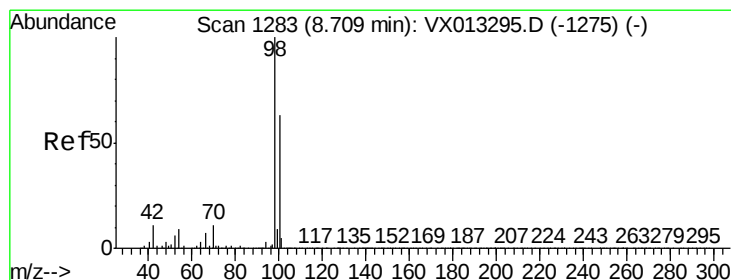
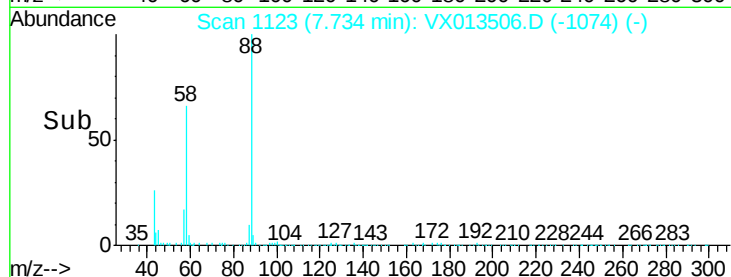
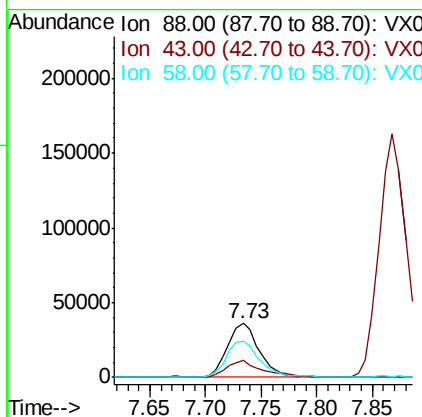
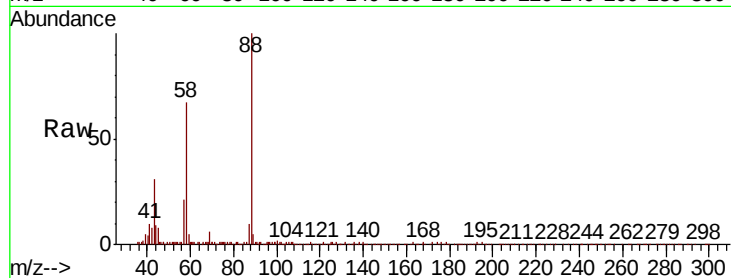
#49
1,4-Dioxane
Concen: 329.791 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	26.6	39.8
58	71.7	55.0	82.6

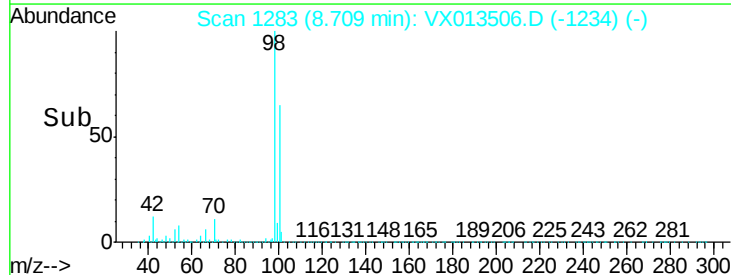
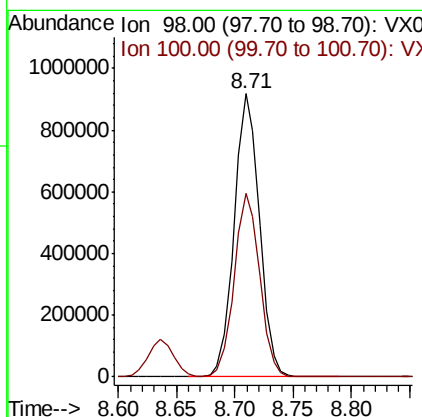
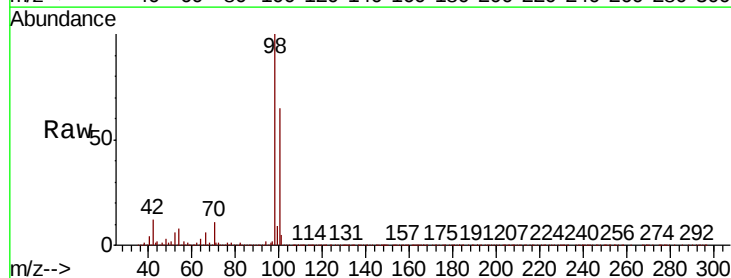
Manual Integrations
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#50
Toluene-d8
Concen: 51.687 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 89.697 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion: 43 Resp: 1101699

Ion Ratio Lower Upper

43 100

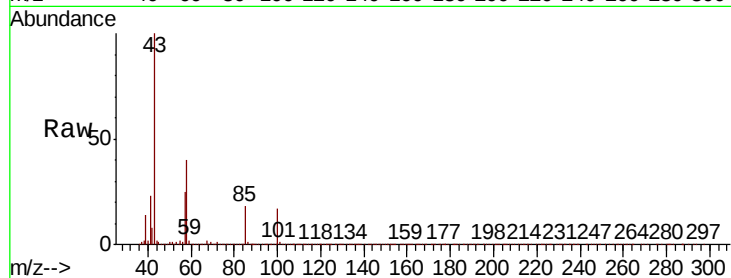
58 40.1 31.4 47.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

800000

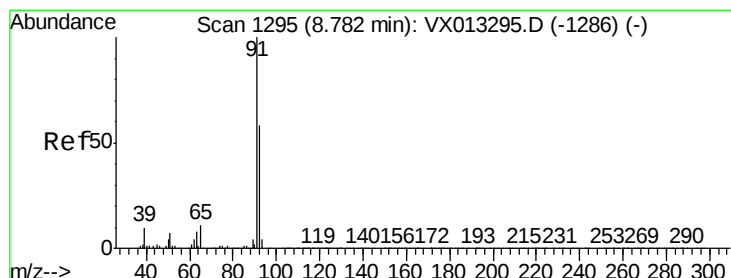
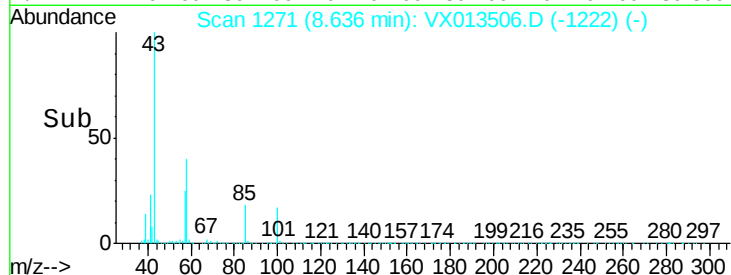
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 18.091 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013506.D

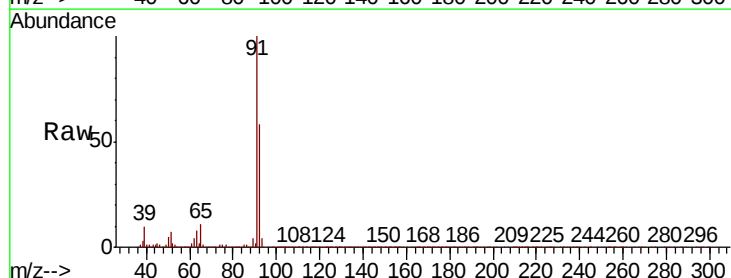
Acq: 21 Nov 2019 16:23

Tgt Ion: 92 Resp: 339818

Ion Ratio Lower Upper

92 100

91 171.6 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

400000

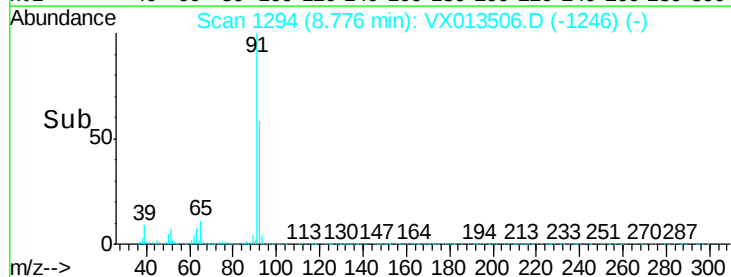
300000

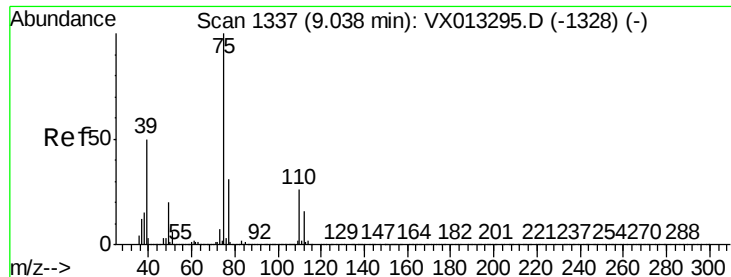
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.864 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion: 75 Resp: 194212

Ion Ratio Lower Upper

75 100

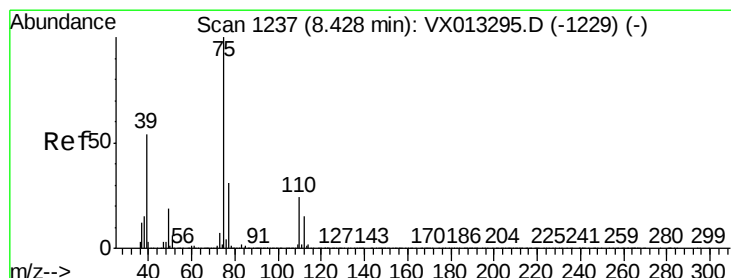
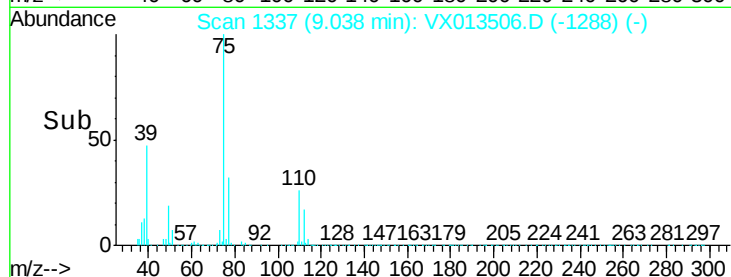
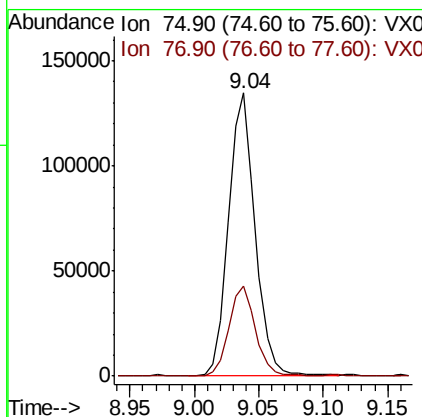
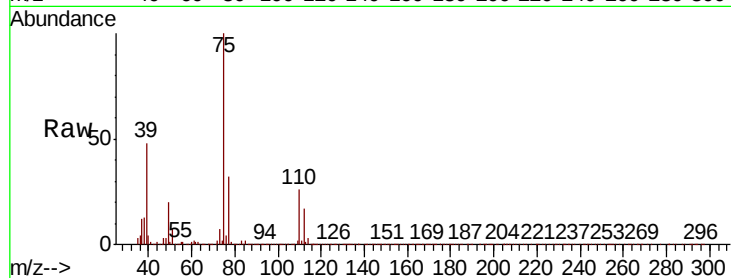
77 31.7 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 18.117 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

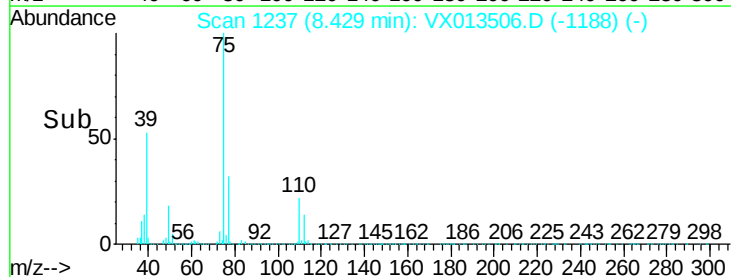
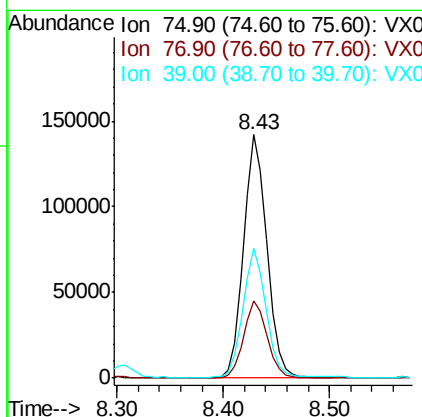
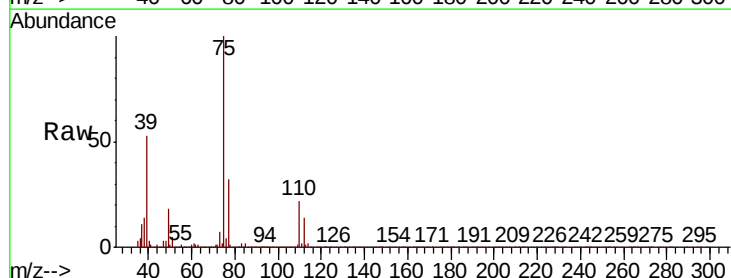
Tgt Ion: 75 Resp: 220323

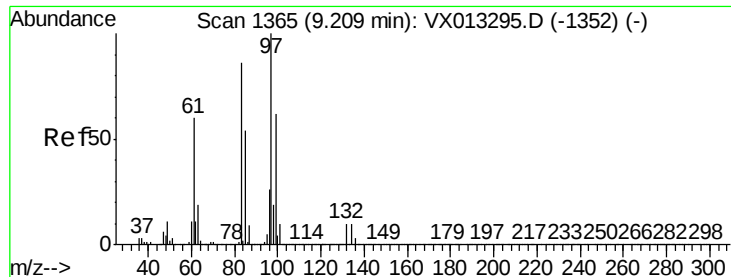
Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1

39 53.0 43.0 64.6





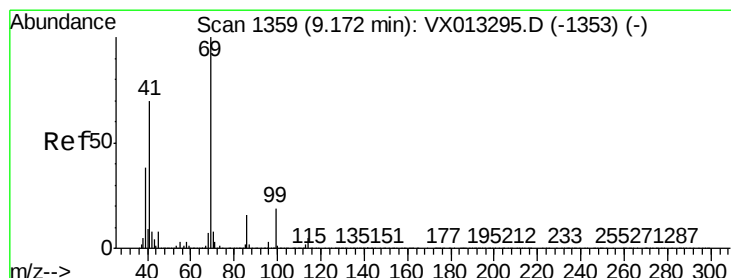
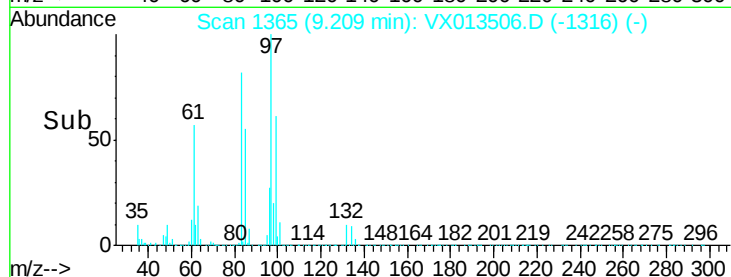
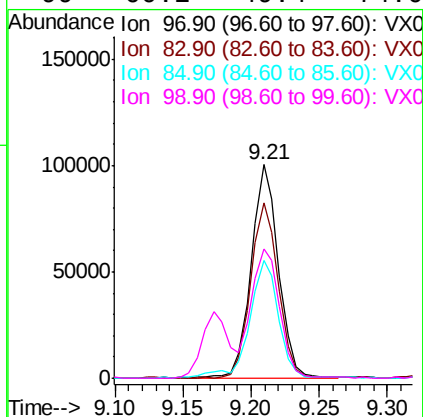
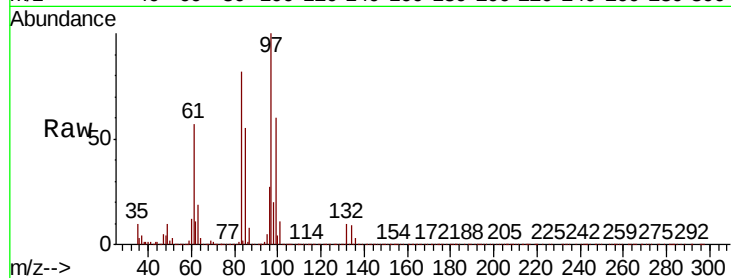
#55
 1,1,2-Trichloroethane
 Concen: 18.026 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013506.D
 Acq: 21 Nov 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	82.0	68.6	103.0		
85	54.5	43.1	64.7		
99	60.2	49.4	74.0		

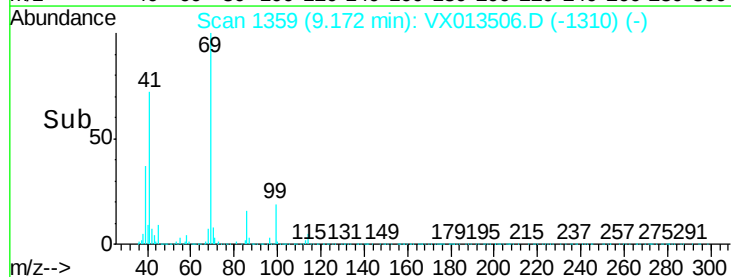
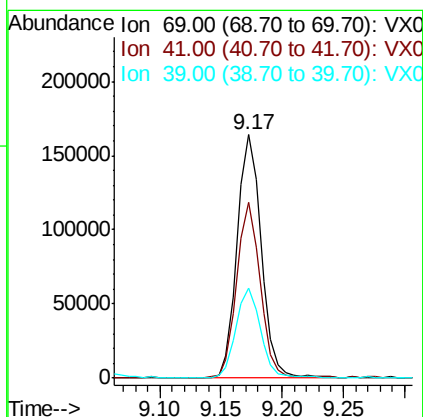
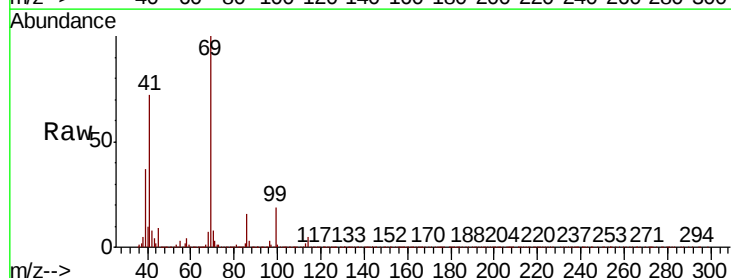
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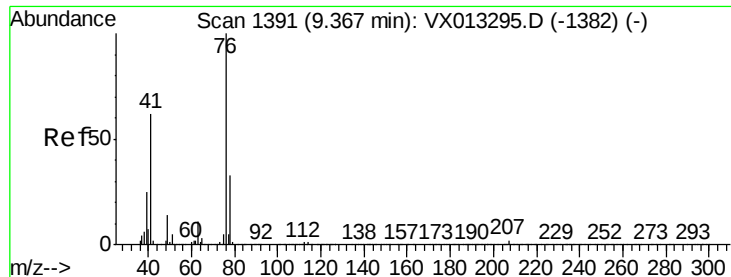
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#56
 Ethyl methacrylate
 Concen: 17.843 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013506.D
 Acq: 21 Nov 2019 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	70.2	56.2	84.2		
39	37.4	31.1	46.7		





#57

1,3-Dichloropropane

Concen: 18.327 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion: 76 Resp: 242224

Ion Ratio Lower Upper

76 100

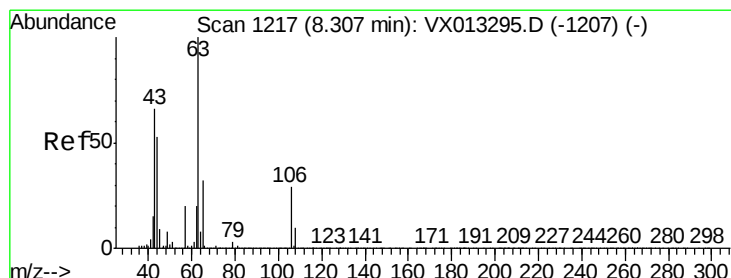
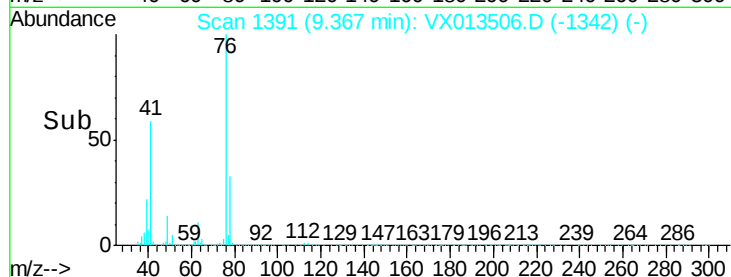
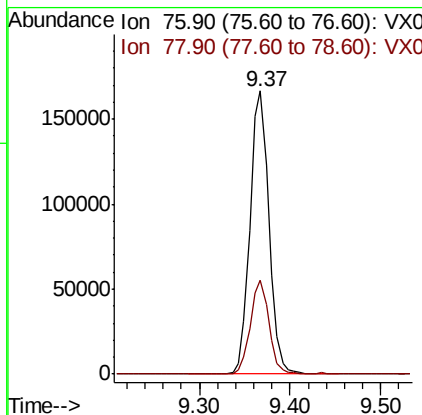
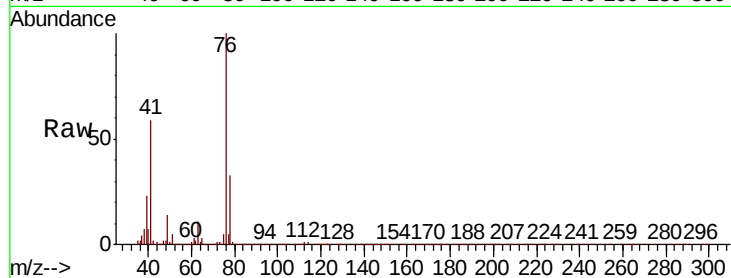
78 32.0 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 97.226 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013506.D

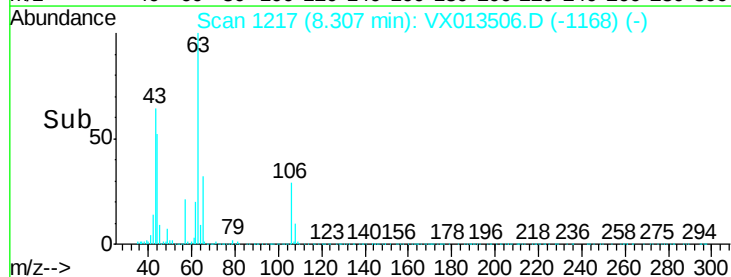
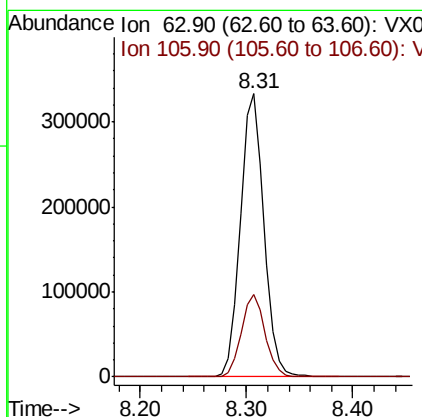
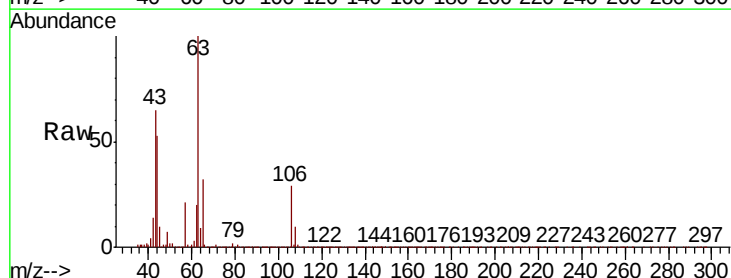
Acq: 21 Nov 2019 16:23

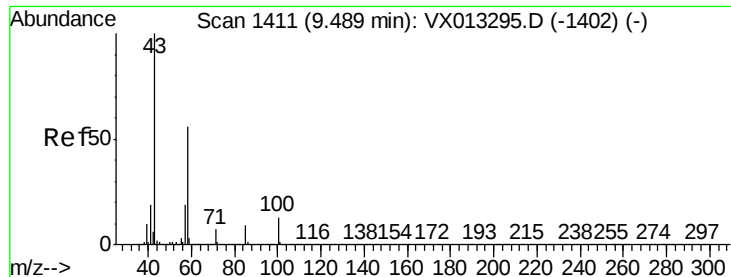
Tgt Ion: 63 Resp: 517581

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2





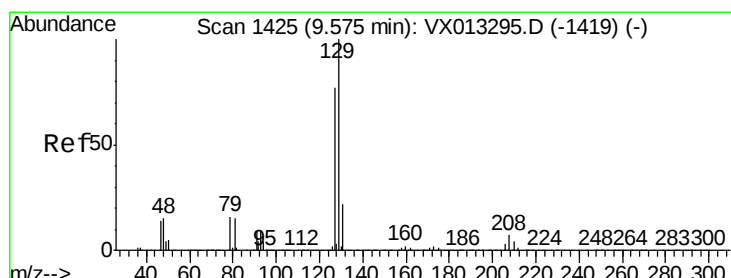
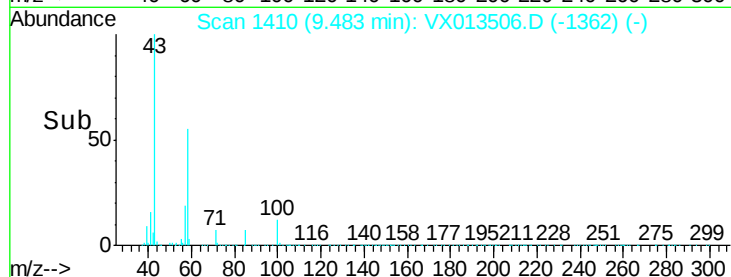
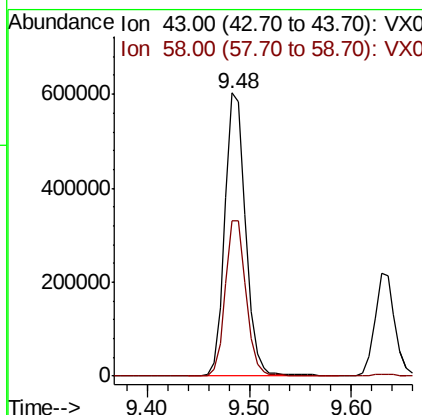
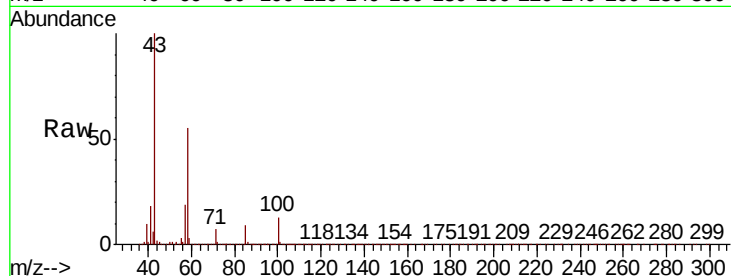
#59
2-Hexanone
Concen: 89.381 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion: 43 Resp: 848368
Ion Ratio Lower Upper
43 100
58 55.6 27.3 81.8

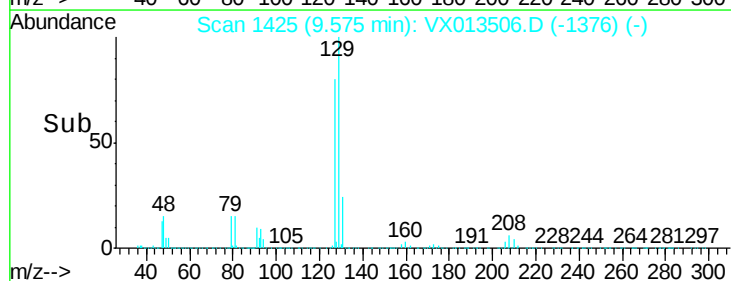
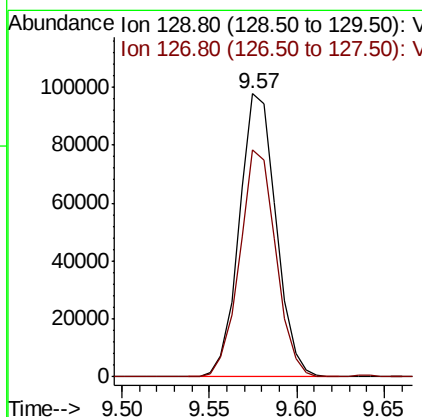
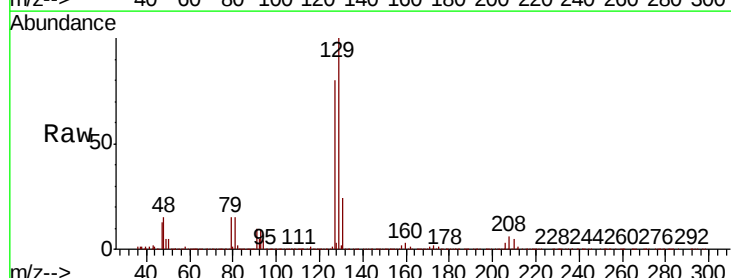
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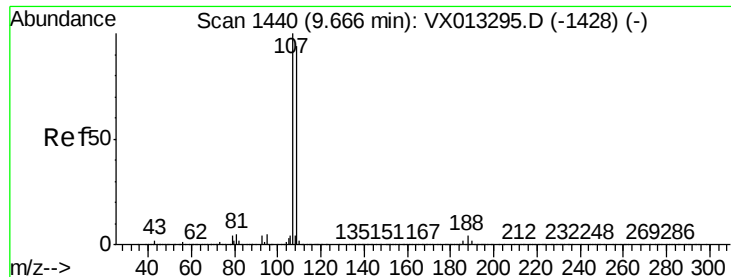
MMDadoda
11/22/2019 8:44:25 AM



#60
Dibromochloromethane
Concen: 17.877 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion: 129 Resp: 142353
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.107 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion: 107 Resp: 149697

Ion Ratio Lower Upper

107 100

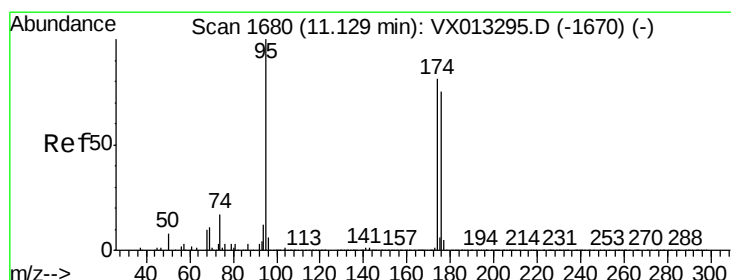
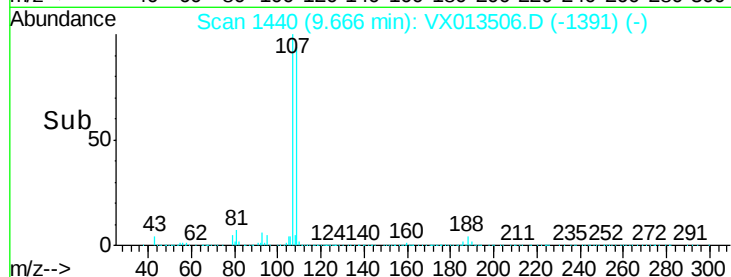
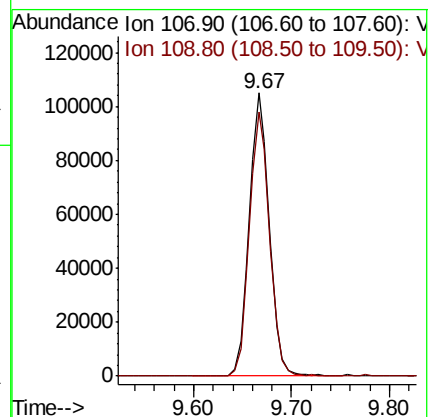
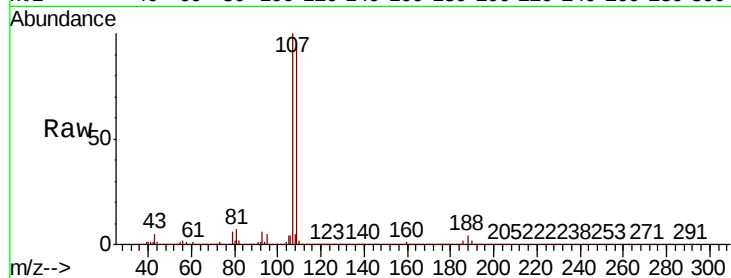
109 93.4 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 51.311 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

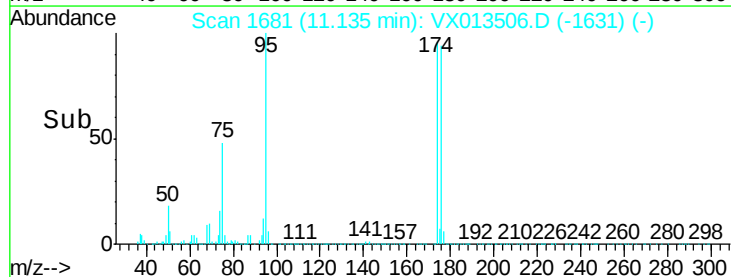
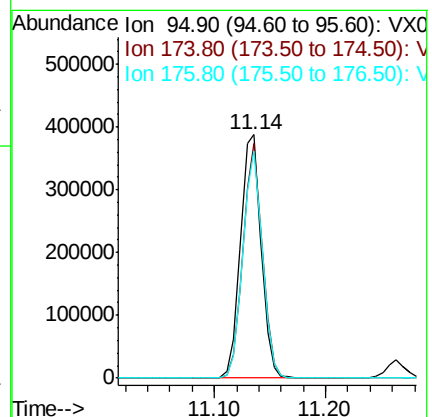
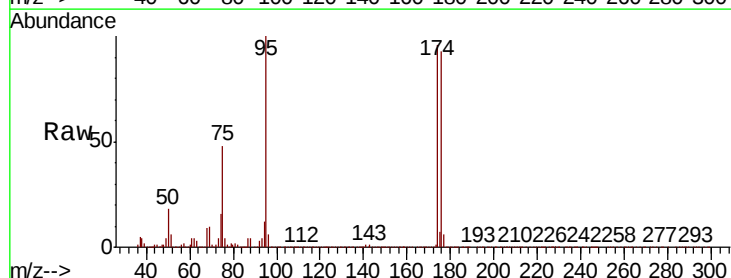
Tgt Ion: 95 Resp: 496605

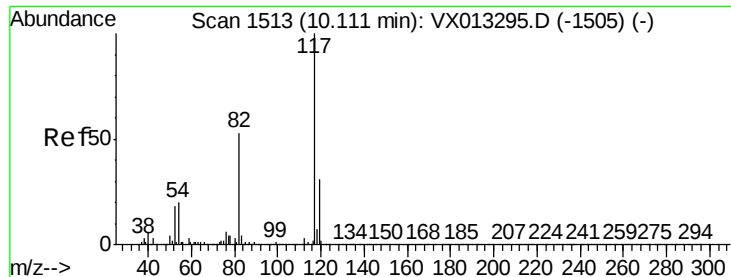
Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.8

176 88.7 0.0 173.0





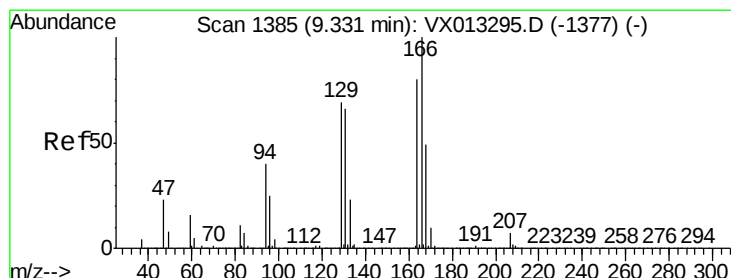
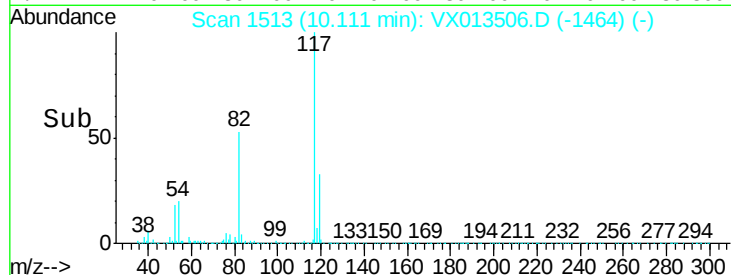
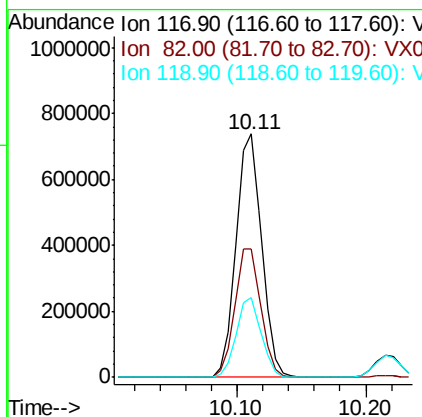
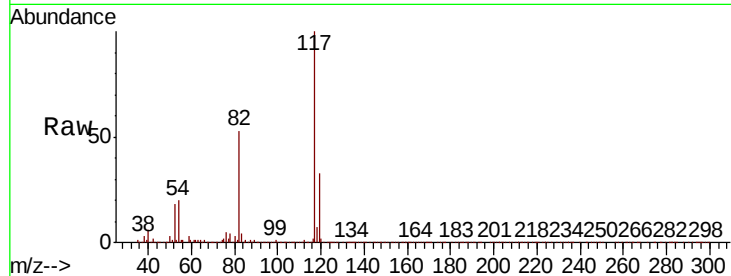
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.6	64.0
119	32.6	24.8	37.2

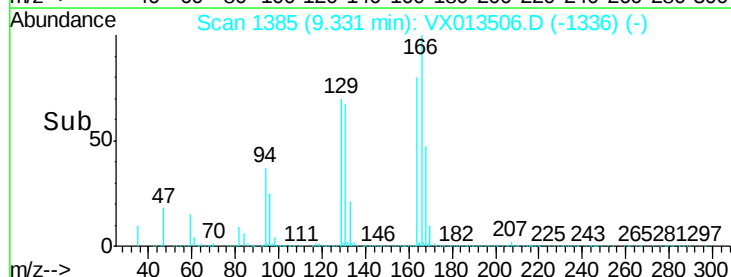
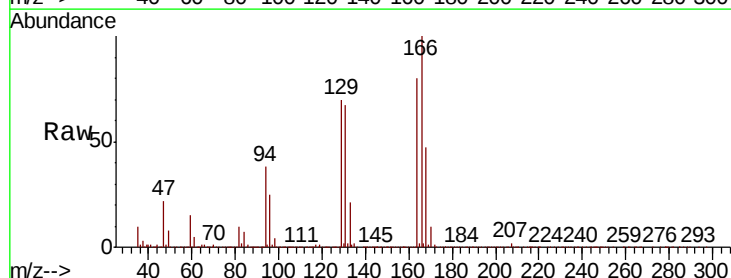
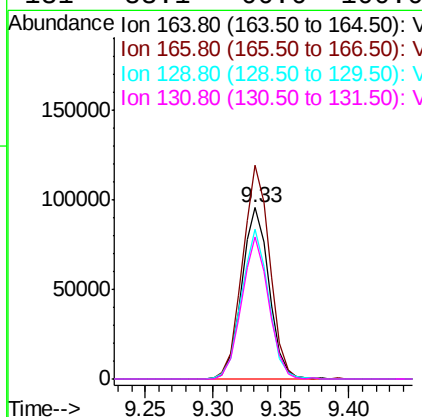
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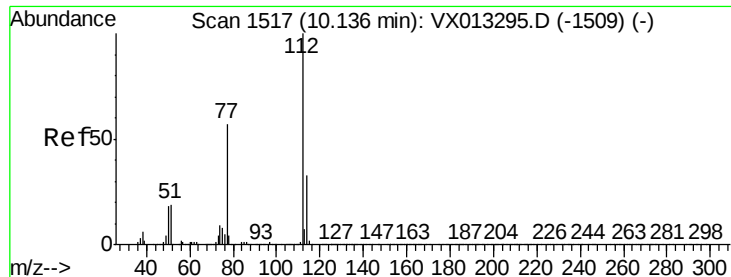
MMDadoda
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#64
Tetrachloroethene
Concen: 18.352 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	100.4	150.6
129	87.0	69.4	104.2
131	83.1	66.6	100.0





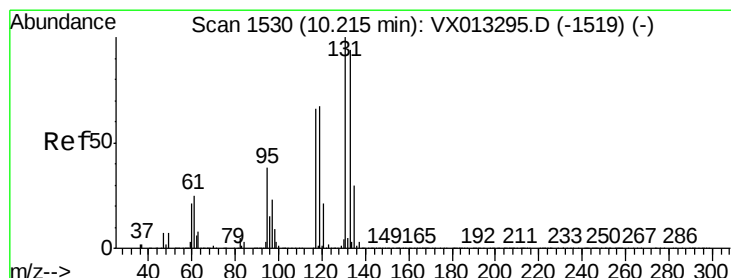
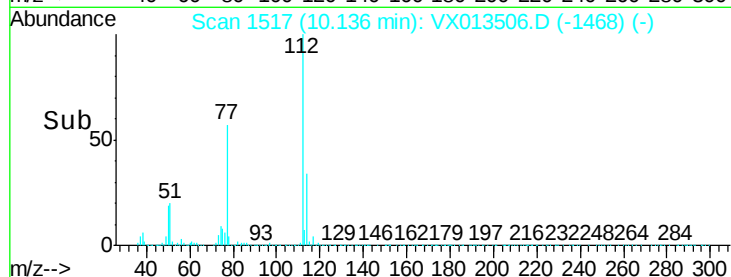
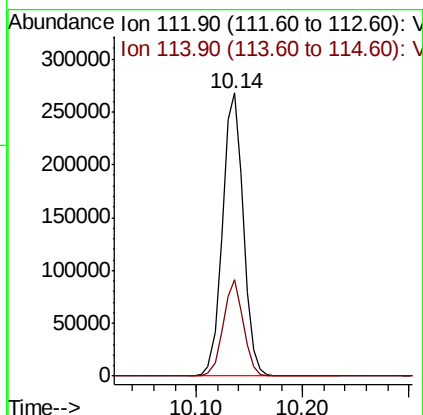
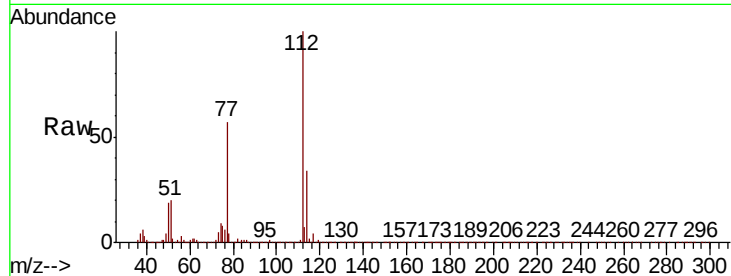
#65
Chlorobenzene
Concen: 17.764 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.2	26.4	39.6

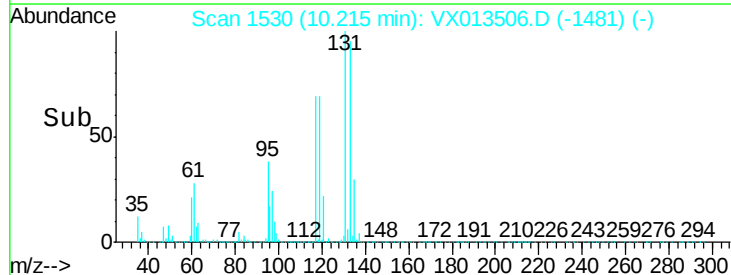
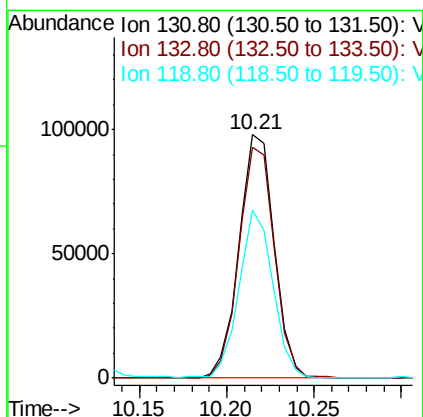
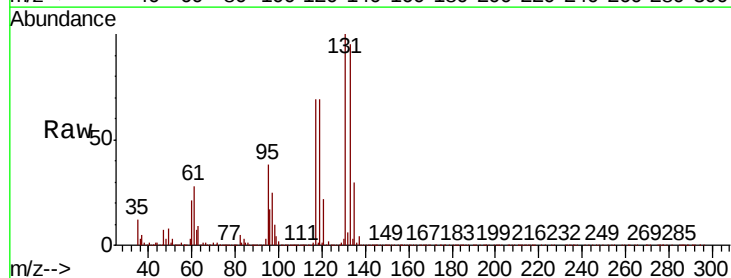
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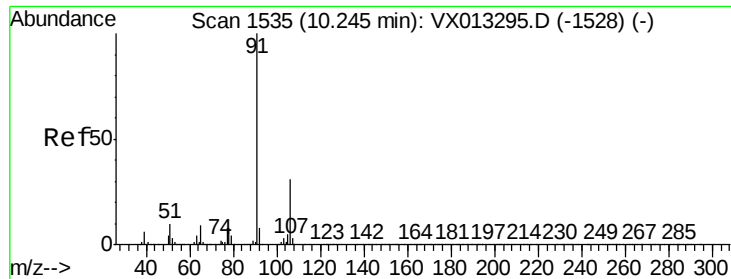
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.184 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.0	144.0
119	65.5	33.0	99.0





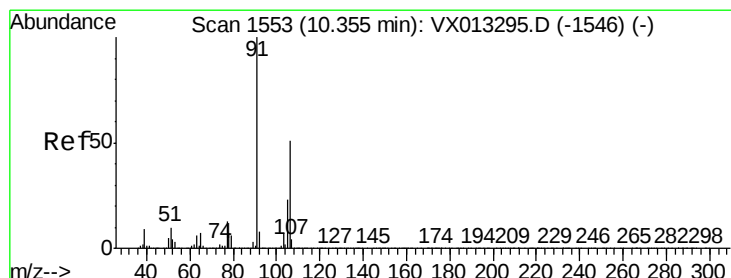
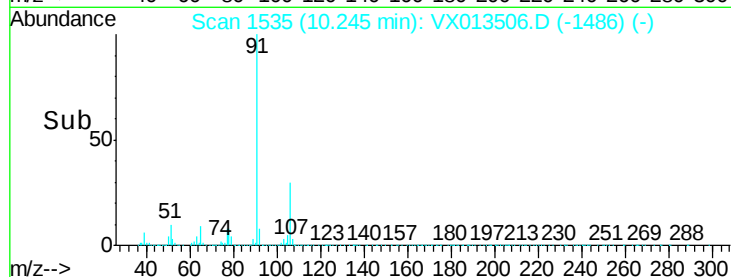
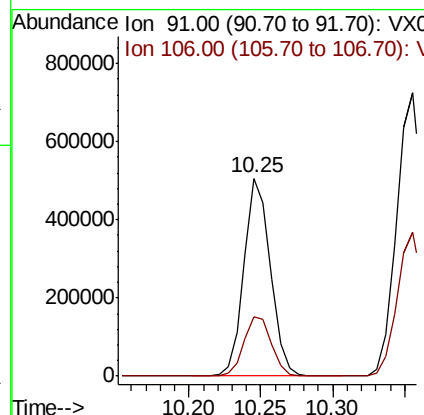
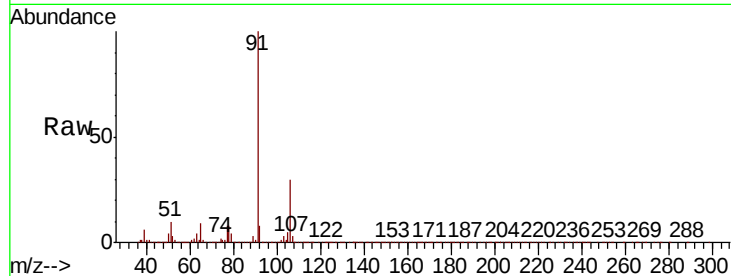
#67
Ethyl Benzene
Concen: 18.182 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion: 91 Resp: 646292
Ion Ratio Lower Upper
91 100
106 30.3 24.6 36.8

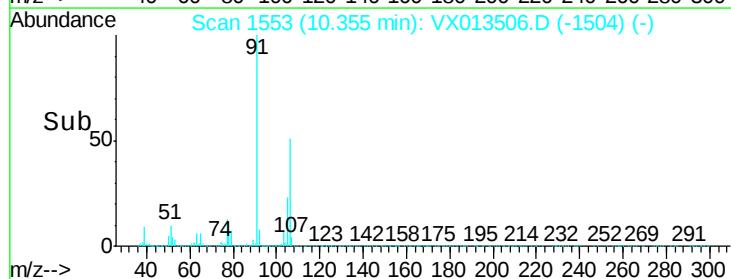
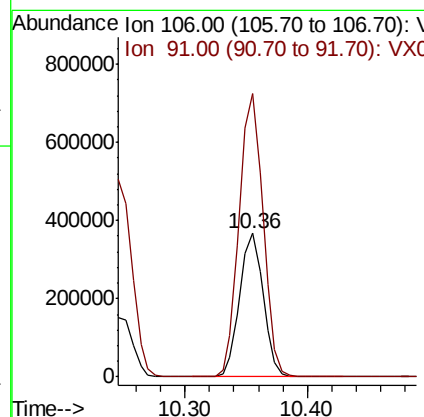
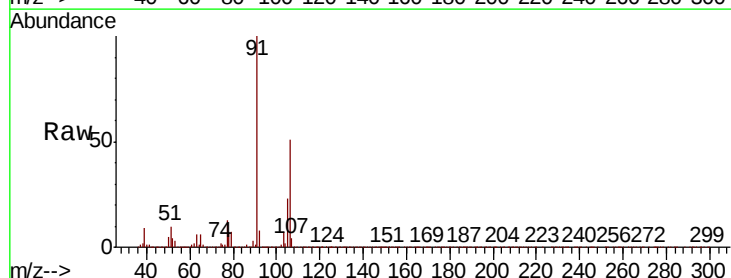
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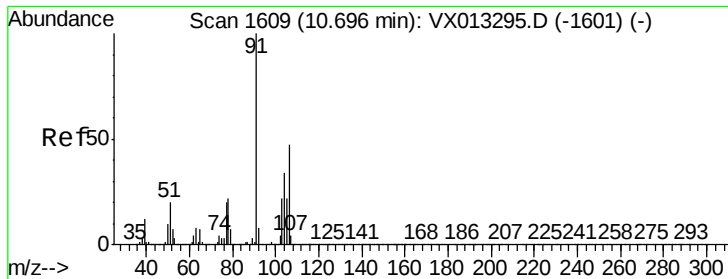
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#68
m/p-Xylenes
Concen: 36.412 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion: 106 Resp: 489481
Ion Ratio Lower Upper
106 100
91 199.5 159.3 238.9





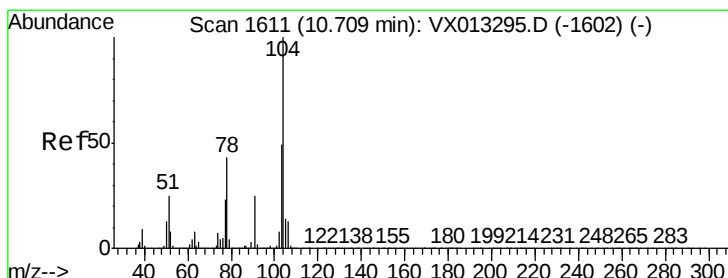
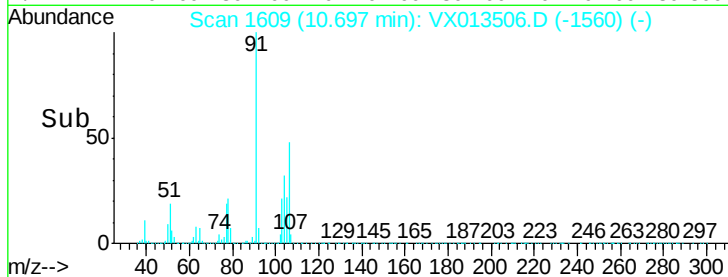
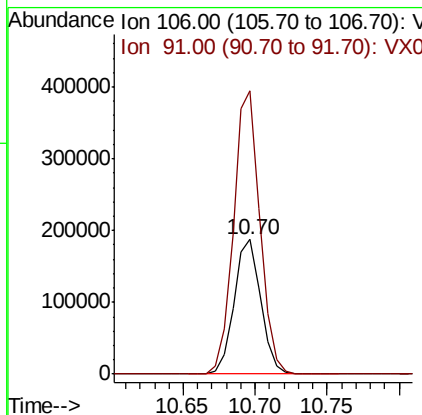
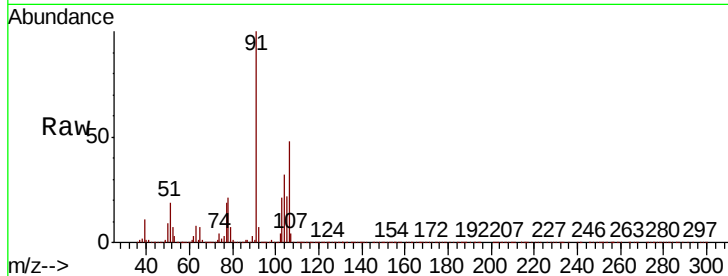
#69
o-Xylene
Concen: 18.346 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion:106 Resp: 241455
Ion Ratio Lower Upper
106 100
91 208.7 105.7 317.0

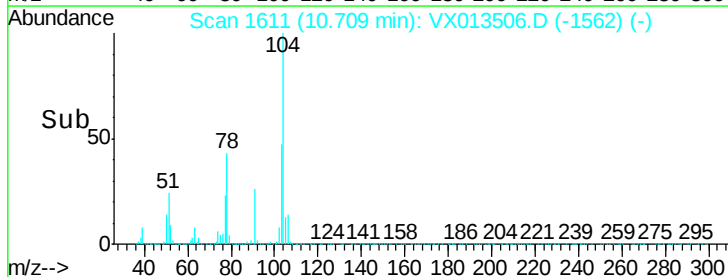
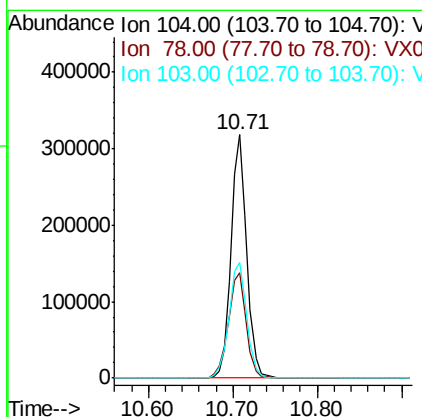
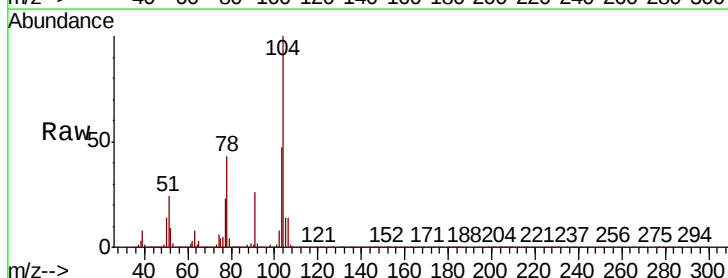
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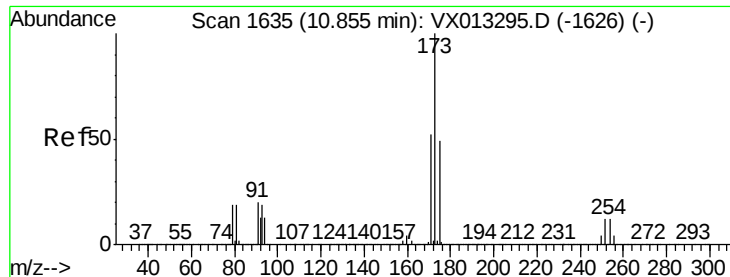
MMDadoda
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#70
Styrene
Concen: 18.359 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion:104 Resp: 403903
Ion Ratio Lower Upper
104 100
78 49.4 40.0 60.0
103 53.8 44.1 66.1





#71

Bromoform

Concen: 17.514 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion:173 Resp: 107210

Ion Ratio Lower Upper

173 100

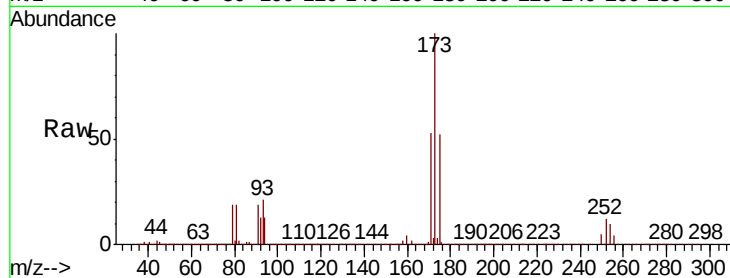
175 51.0 24.8 74.4

254 0.3 0.2 0.2#

Manual Integrations
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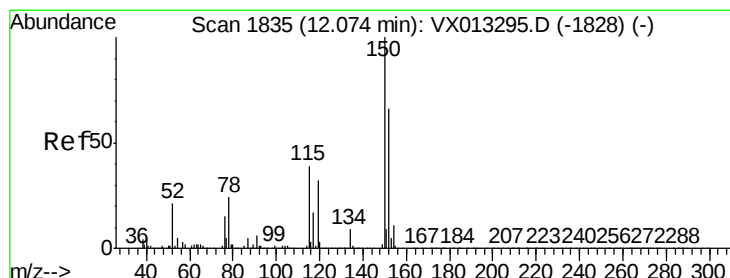
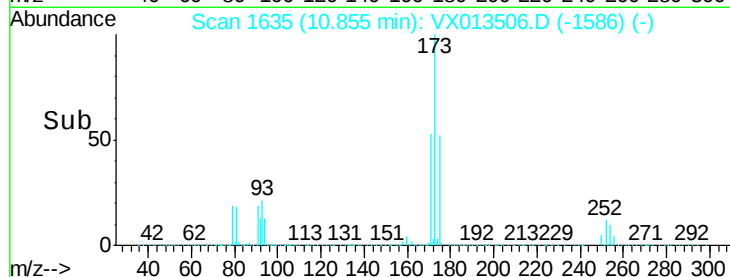
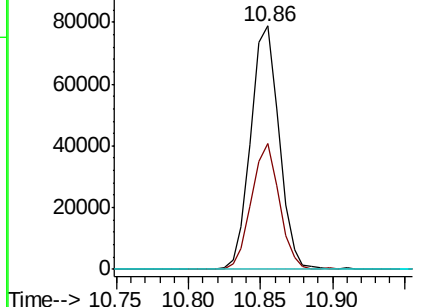
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

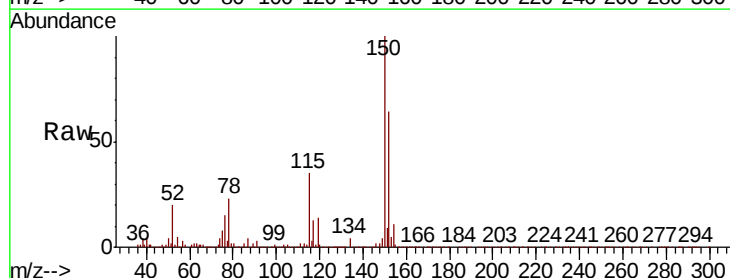
Tgt Ion:152 Resp: 504871

Ion Ratio Lower Upper

152 100

115 63.1 39.5 118.3

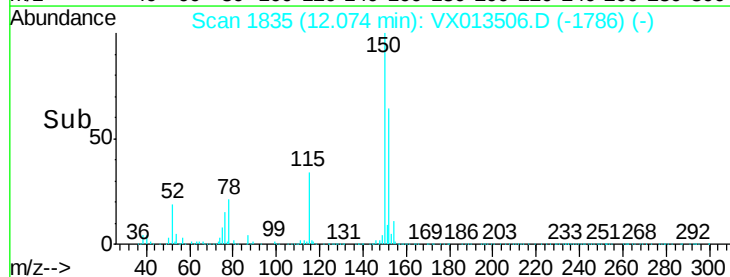
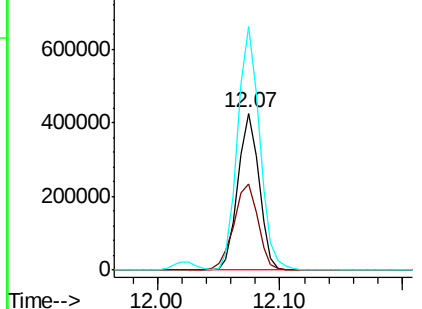
150 162.5 0.0 344.4

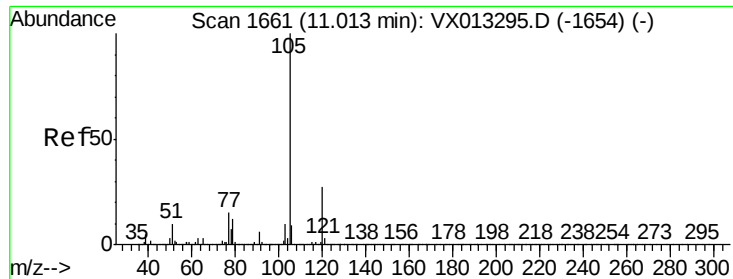


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.253 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion: 105 Resp: 644479

Ion Ratio Lower Upper

105 100

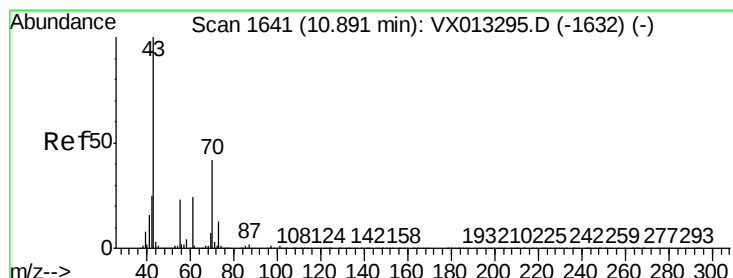
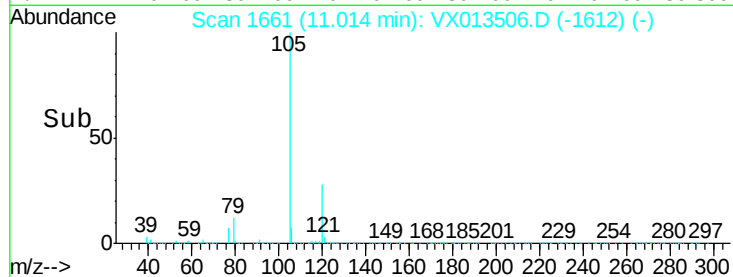
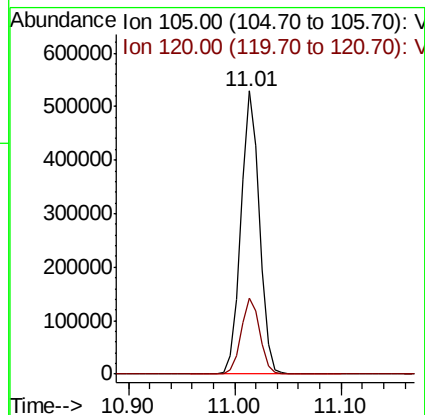
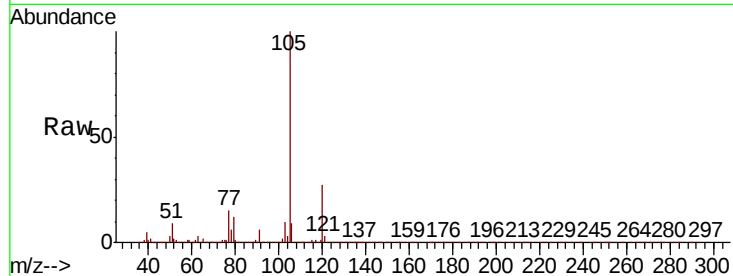
120 26.9

13.5 40.5

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#74

N-ethyl acetate

Concen: 19.440 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Tgt Ion: 43 Resp: 301756

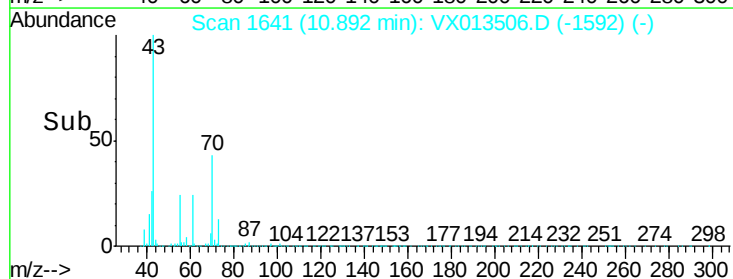
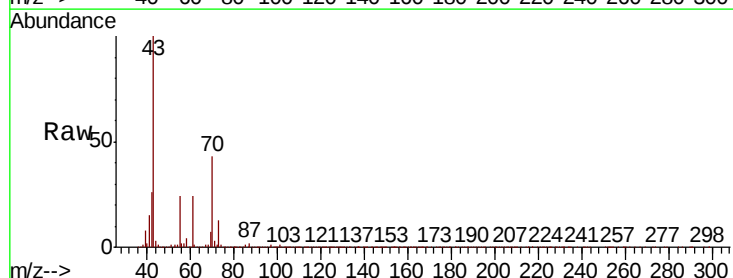
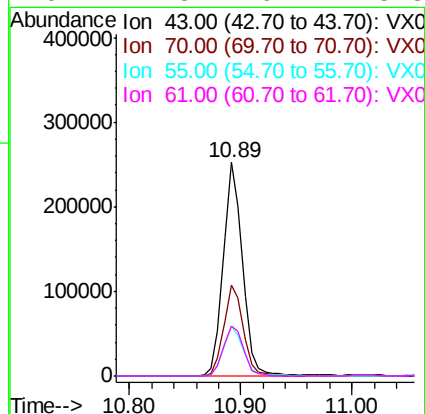
Ion Ratio Lower Upper

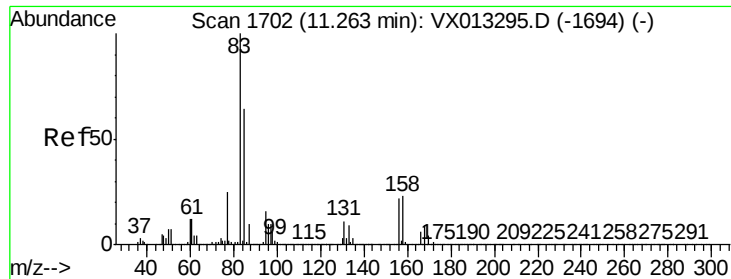
43 100

70 43.1 34.1 51.1

55 24.5 18.9 28.3

61 24.3 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.008 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion: 83 Resp: 232125

Ion Ratio Lower Upper

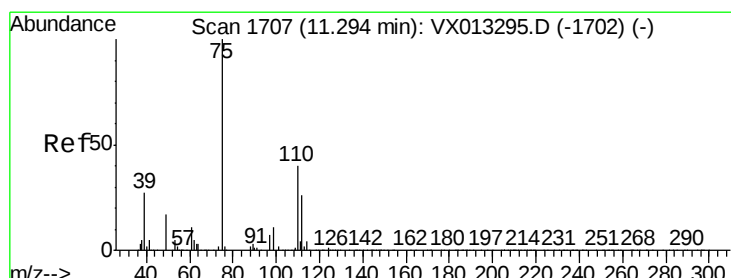
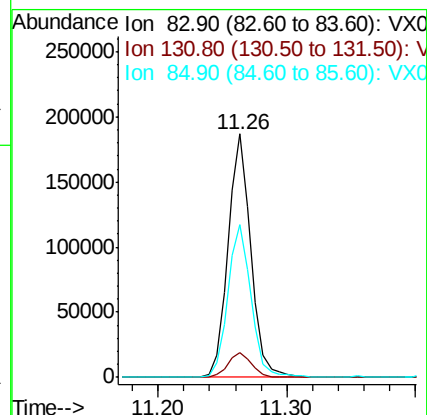
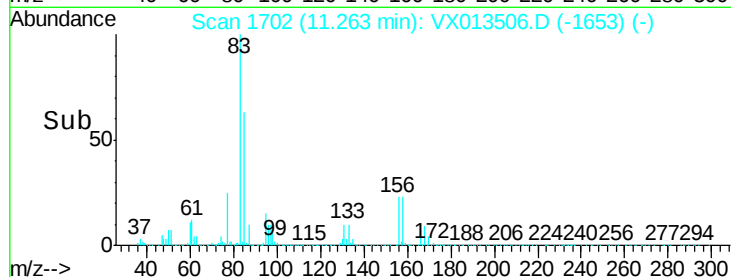
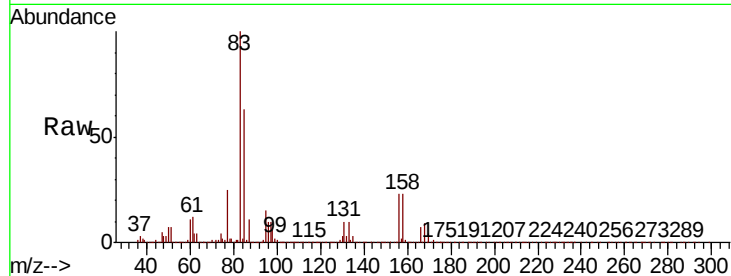
83 100

131 10.7 5.1 15.3

85 64.0 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 17.710 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013506.D

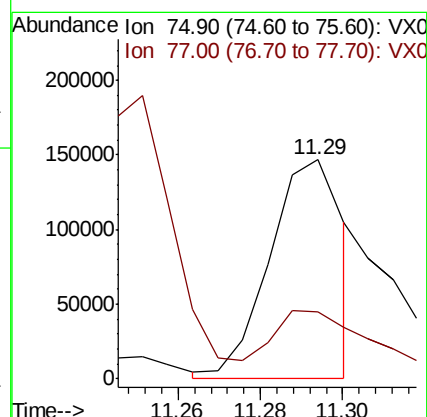
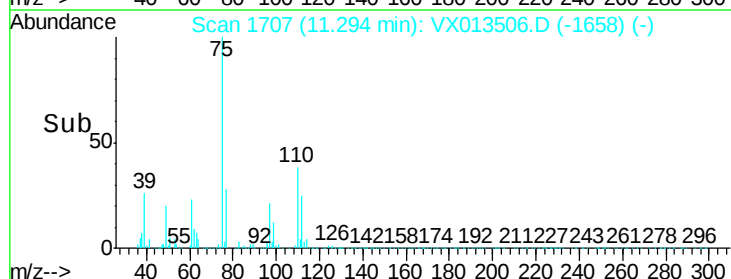
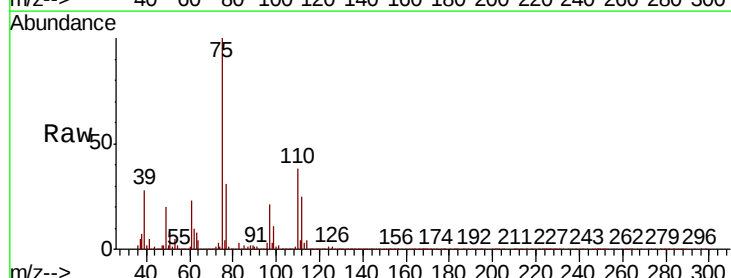
Acq: 21 Nov 2019 16:23

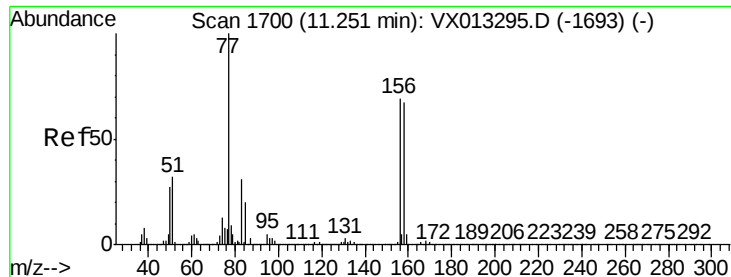
Tgt Ion: 75 Resp: 181604

Ion Ratio Lower Upper

75 100

77 43.2 22.3 66.8





#77

Bromobenzene

Concen: 18.656 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

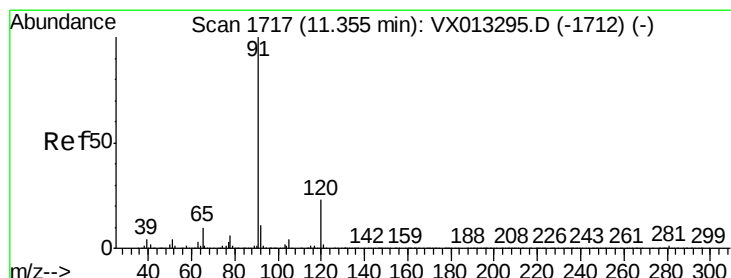
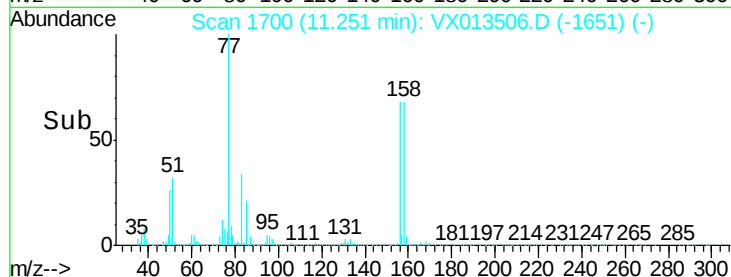
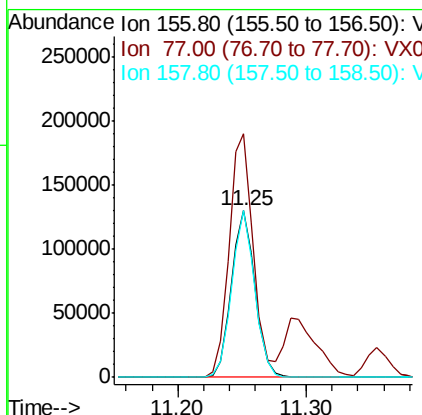
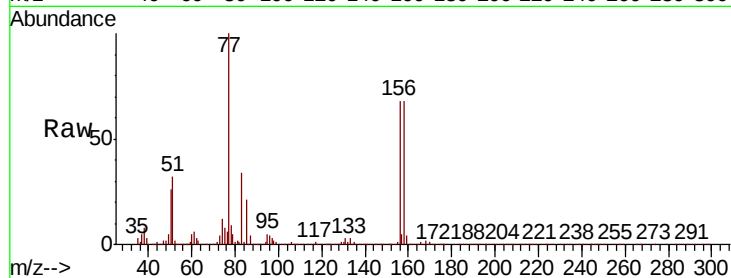
ClientSampleId :

VX1121WBS03

Tot Ion:	156	Resp:	166477
Ion Ratio	Lower	Upper	
156	100		
77	149.7	75.8	227.4
158	97.1	47.6	142.8

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#78

n-propylbenzene

Concen: 19.069 ug/l

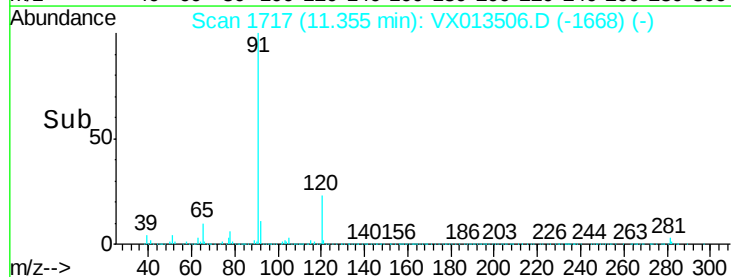
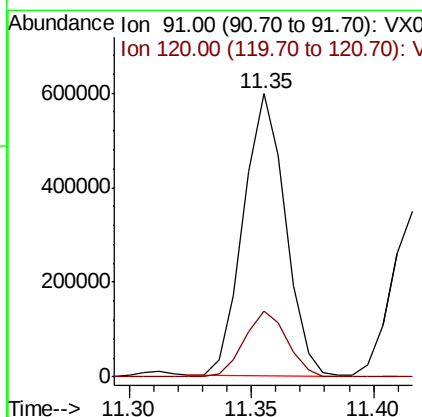
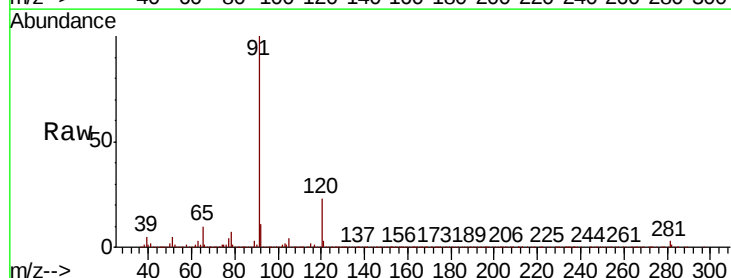
RT: 11.35 min Scan# 1717

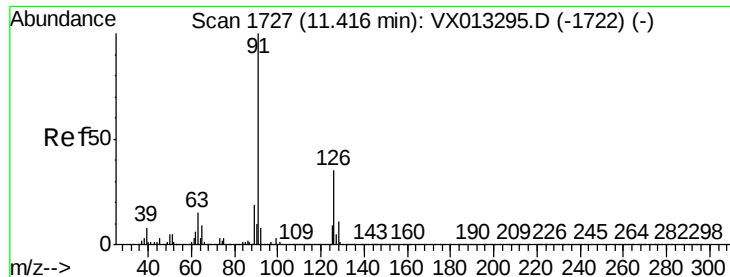
Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Tgt Ion:	91	Resp:	711037
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.6	34.8





#79

2-Chlorotoluene

Concen: 18.950 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion: 91 Resp: 425725

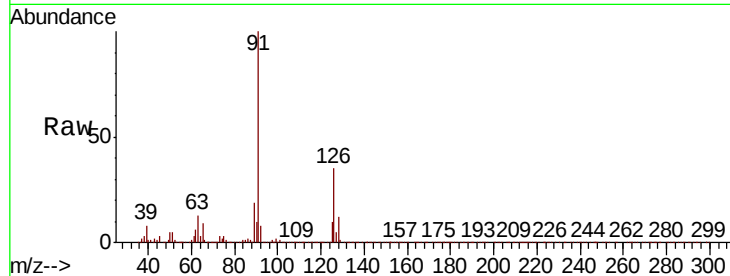
Ion Ratio Lower Upper

91 100

126 35.0 17.3 52.0

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

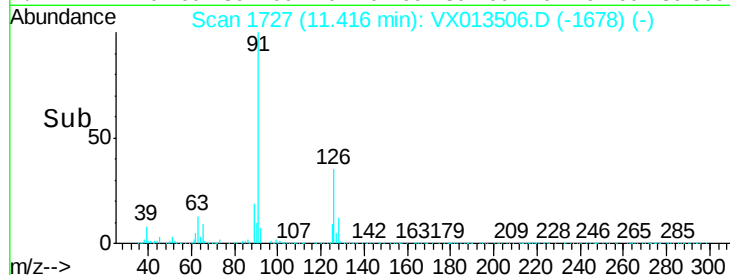
600000

400000

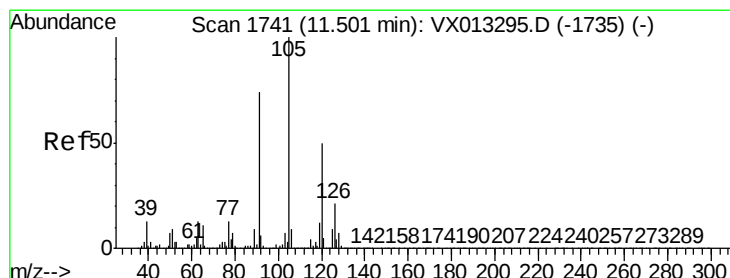
200000

0

11.35 11.40 11.45



Time--> 11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 19.338 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013506.D

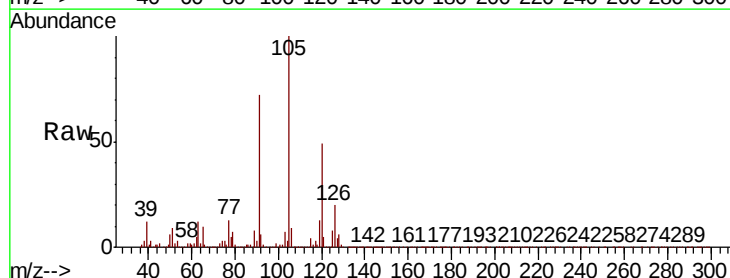
Acq: 21 Nov 2019 16:23

Tgt Ion: 105 Resp: 539181

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

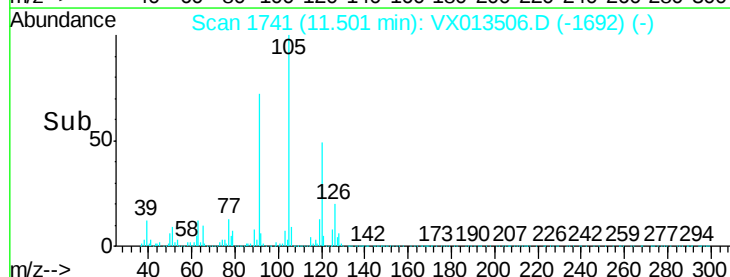
300000

200000

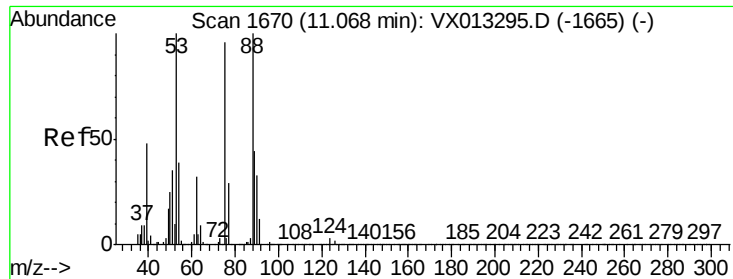
100000

0

11.45 11.50 11.55



Time--> 11.45 11.50 11.55



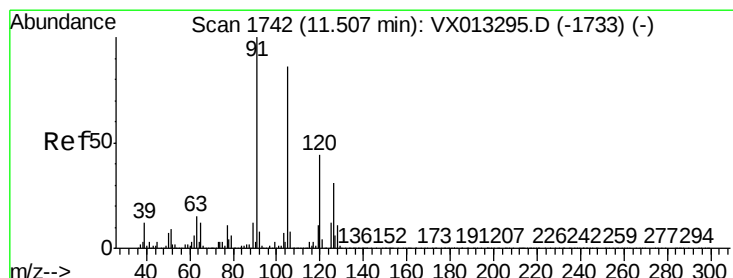
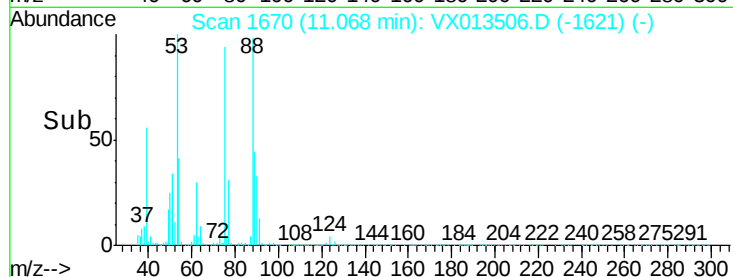
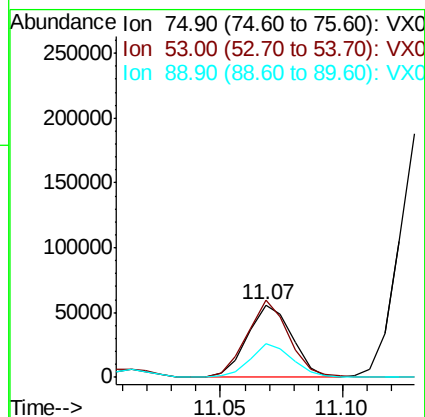
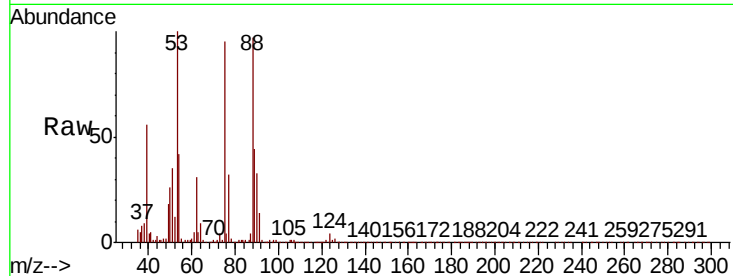
#81
trans-1,4-Dichloro-2-butene
Concen: 17.662 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.9	81.0	121.6
89	45.0	36.0	54.0

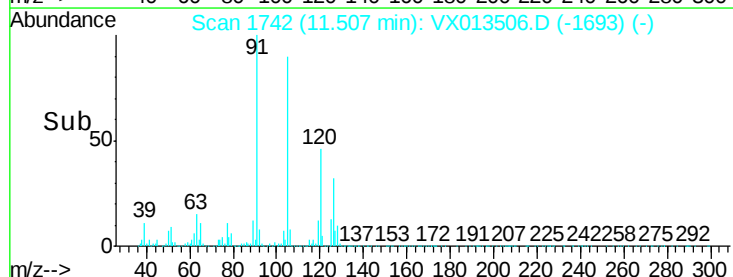
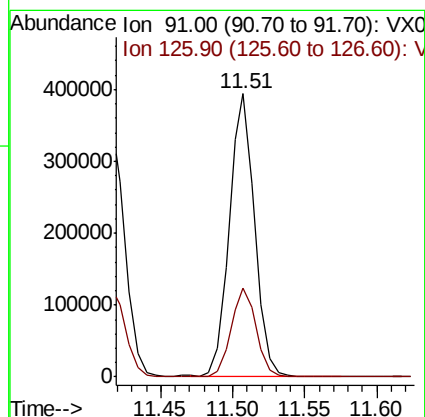
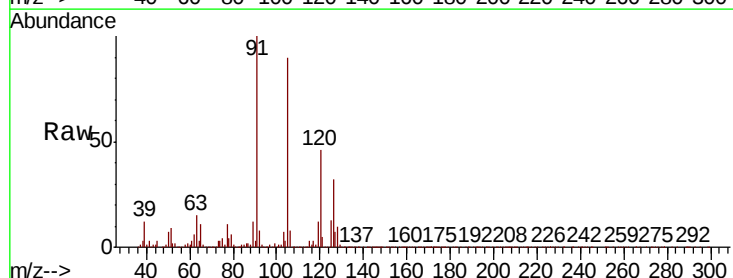
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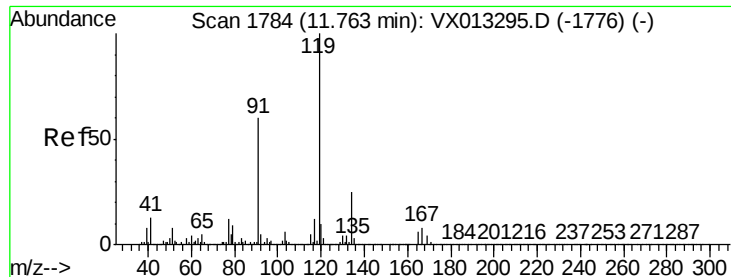
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#82
4-Chlorotoluene
Concen: 18.443 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.3	45.8





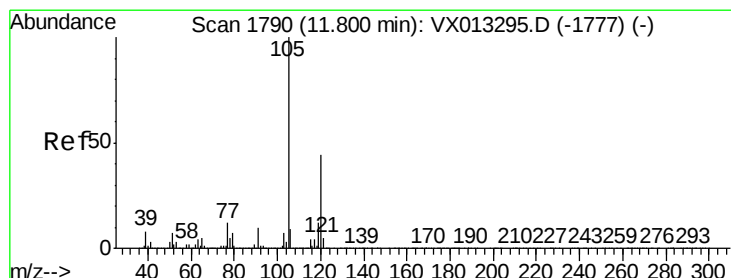
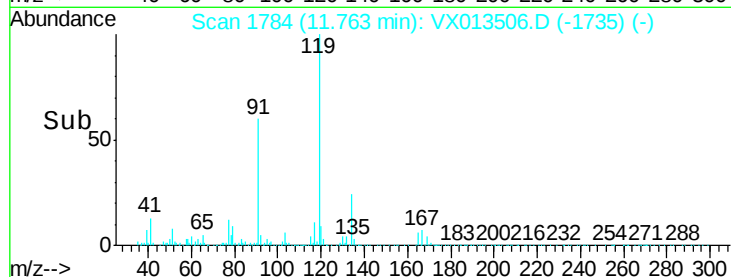
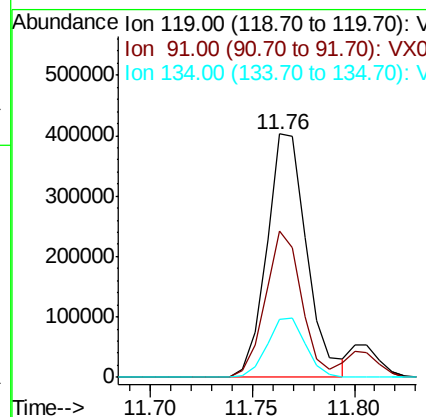
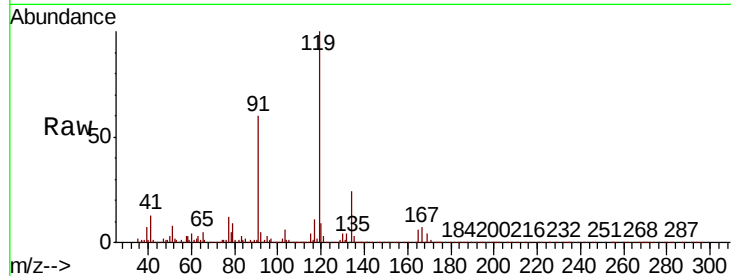
#83
tert-Butylbenzene
Concen: 19.639 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion	Ratio	Resp	Lower	Upper
119	100	551196		
91	54.1	26.9	80.7	
134	23.6	11.7	35.1	

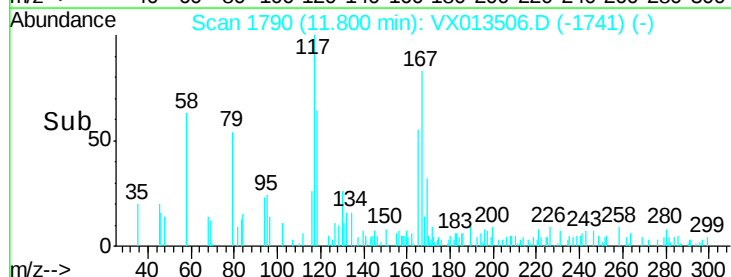
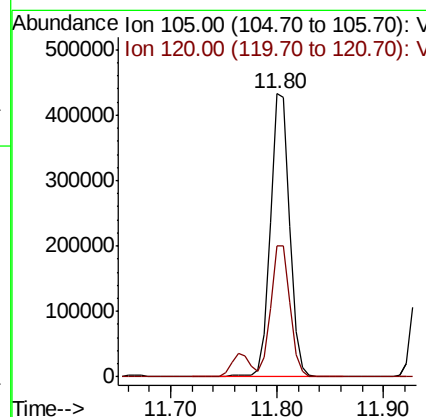
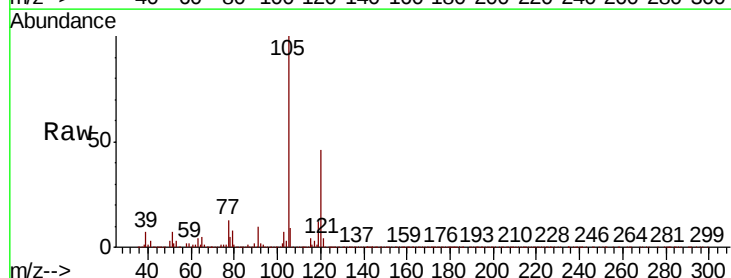
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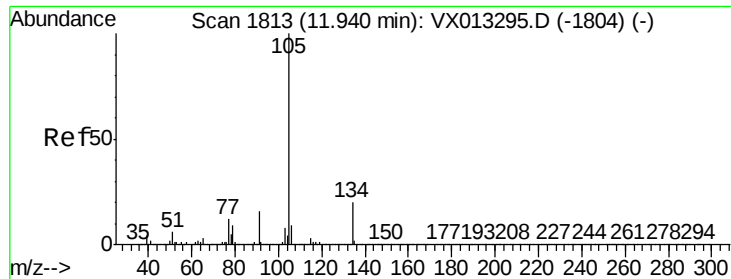
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#84
1,2,4-Trimethylbenzene
Concen: 19.603 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	548291		
120	46.5	22.7	68.1	





#85

sec-Butylbenzene

Concen: 19.246 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS03

Tot Ion:105 Resp: 620822

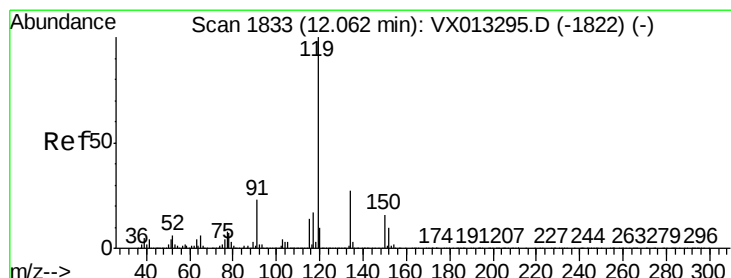
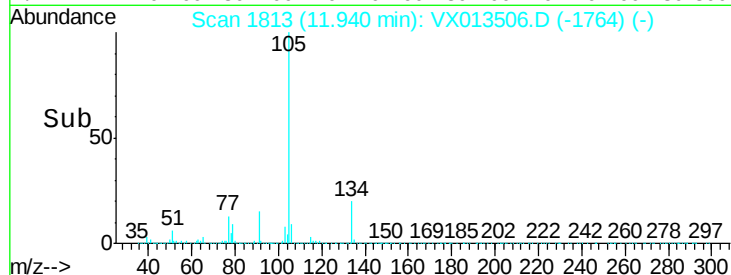
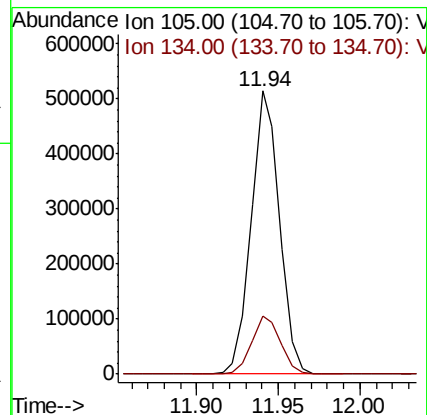
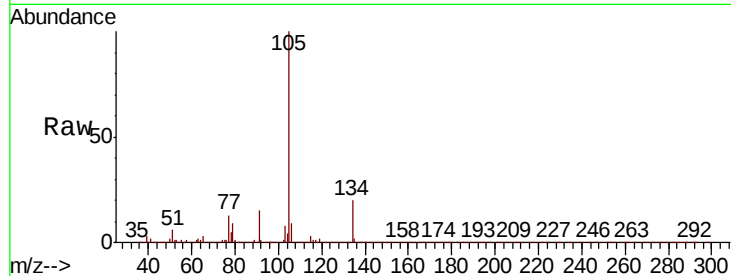
Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 19.384 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013506.D

Acq: 21 Nov 2019 16:23

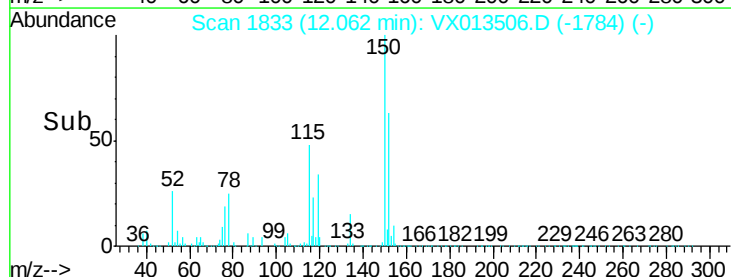
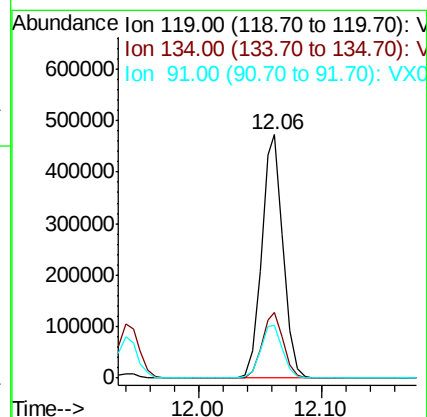
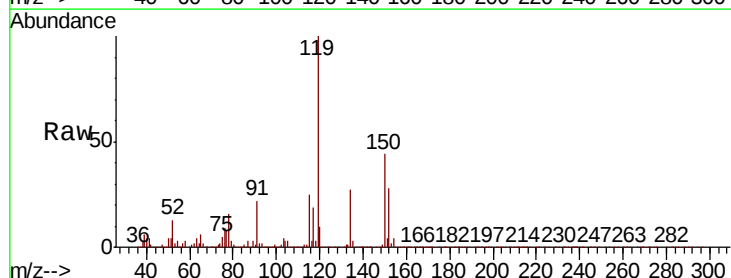
Tgt Ion:119 Resp: 575759

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 22.5 11.5 34.4





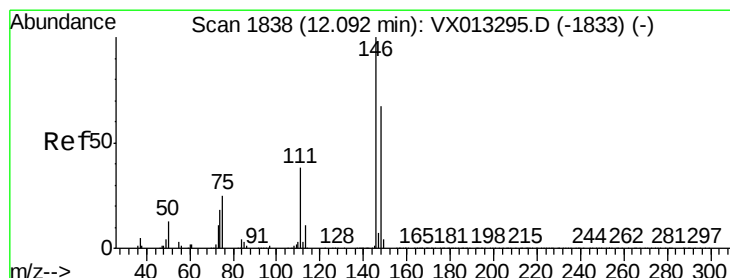
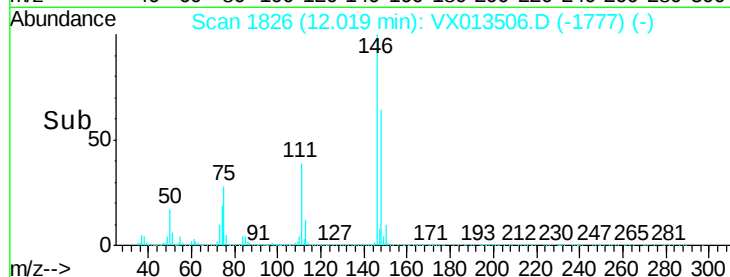
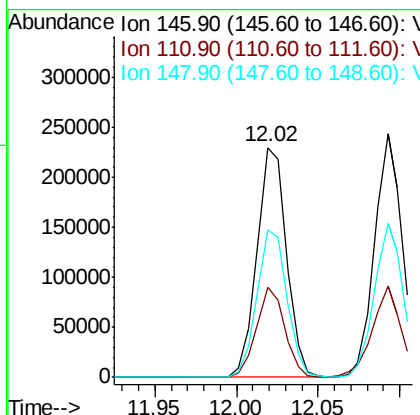
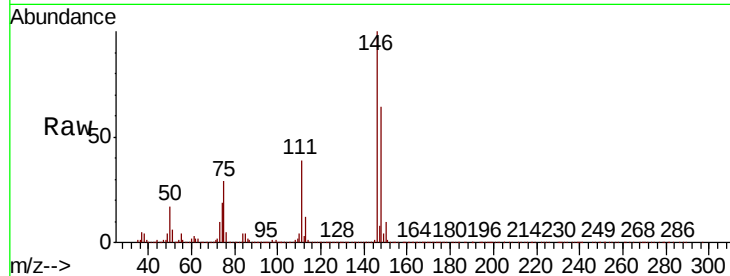
#87
 1,3-Dichlorobenzene
 Concen: 18.303 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013506.D
 Acq: 21 Nov 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	65.2	31.9	95.7

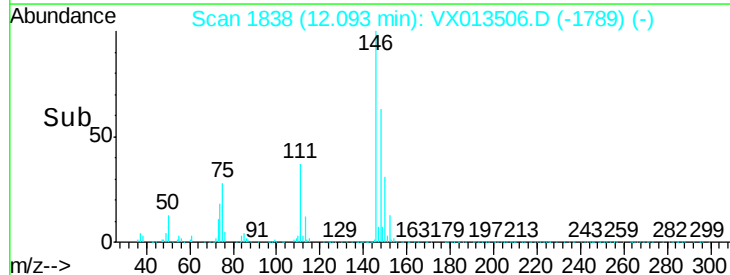
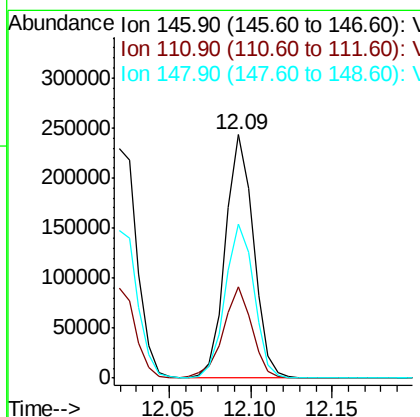
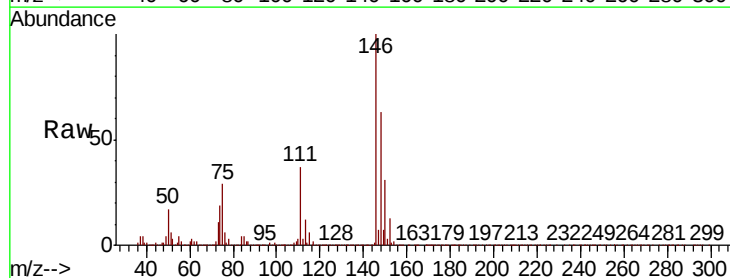
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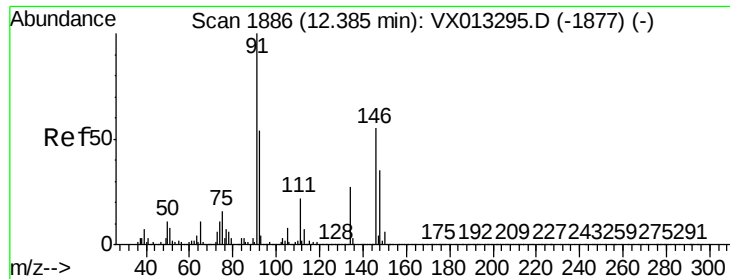
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#88
 1,4-Dichlorobenzene
 Concen: 17.945 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013506.D
 Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.8	56.4
148	64.7	32.4	97.0





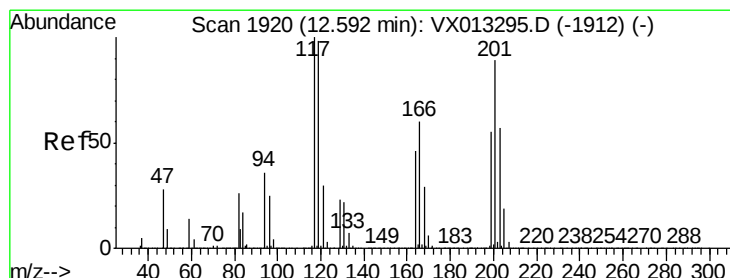
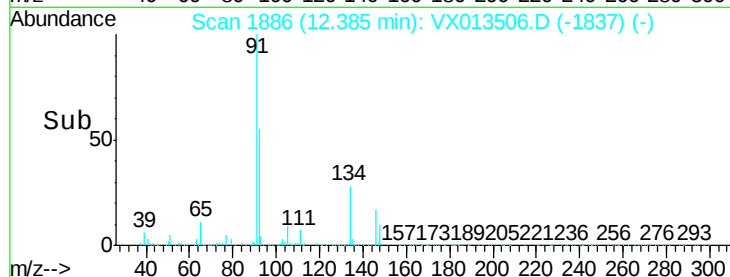
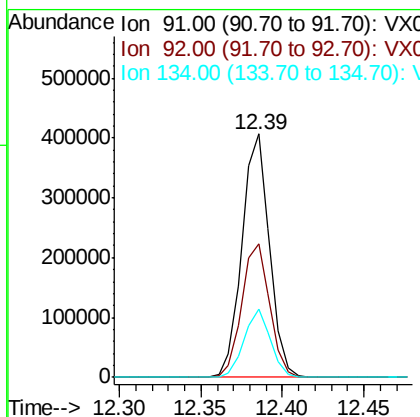
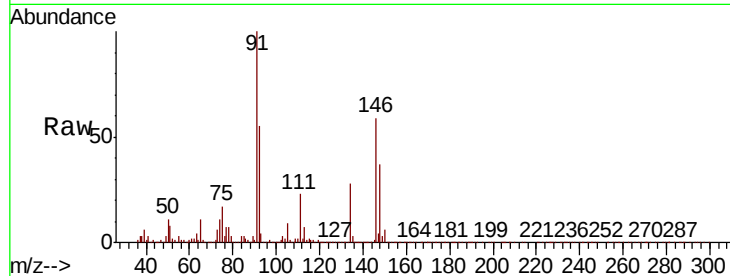
#89
n-Butylbenzene
Concen: 18.434 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion	Ratio	Resp	Lower	Upper
91	100	477789		
92	55.8	27.3	81.8	
134	27.0	13.5	40.5	

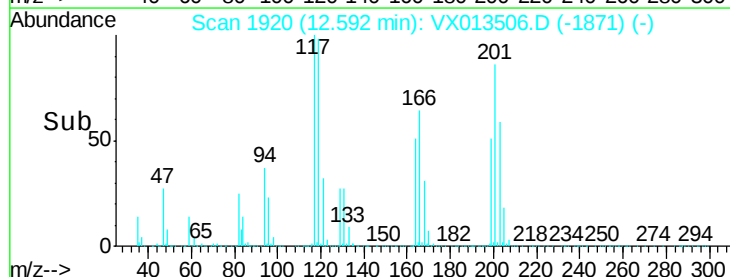
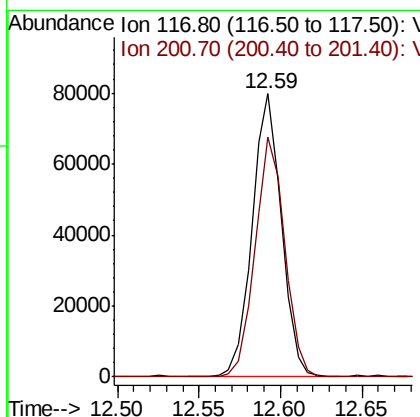
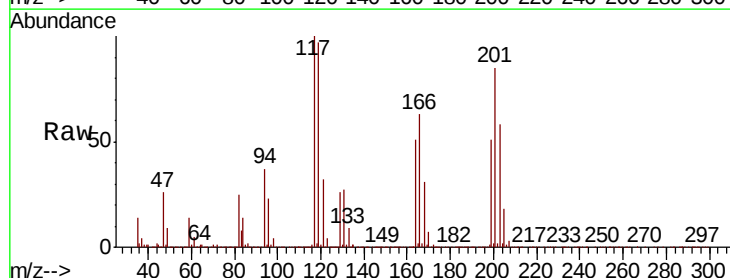
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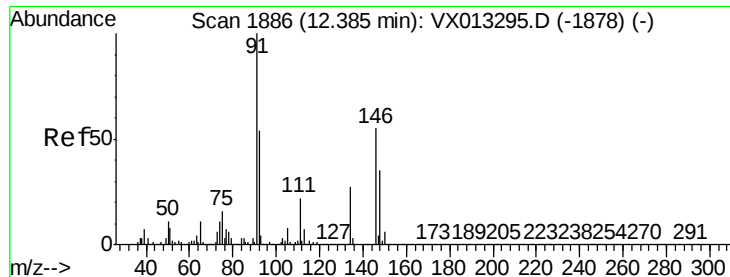
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#90
Hexachloroethane
Concen: 18.758 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	99273		
201	85.9	43.9	131.7	





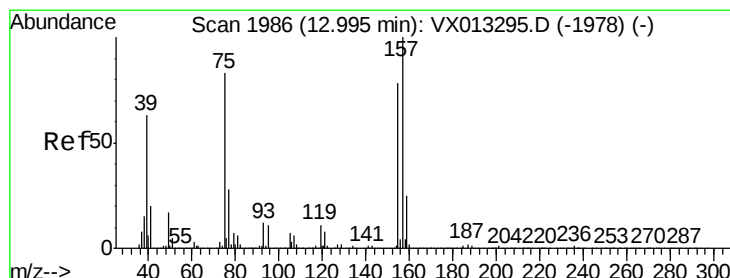
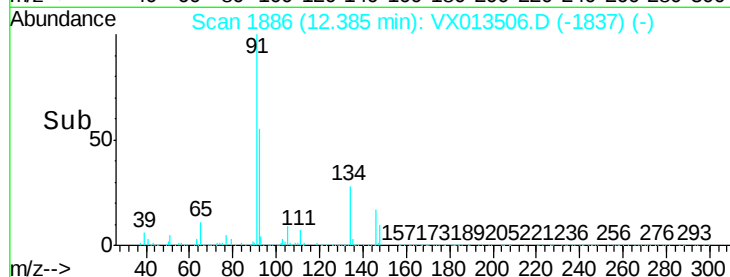
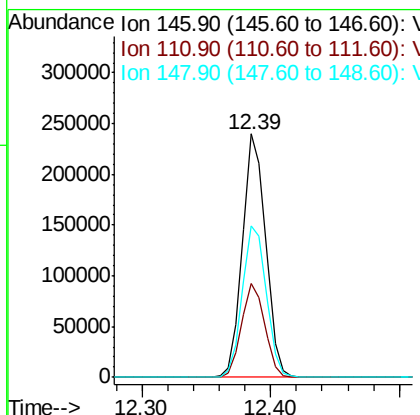
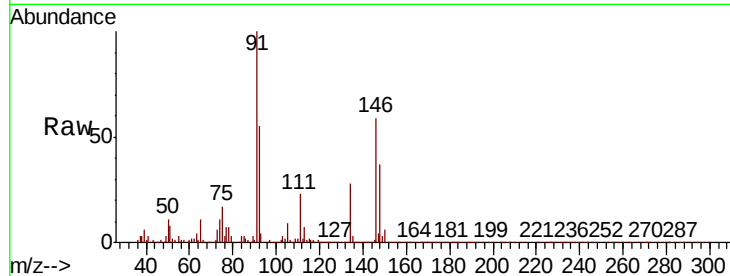
#91
 1,2-Dichlorobenzene
 Concen: 18.803 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013506.D
 Acq: 21 Nov 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS03

Tot Ion	Ratio	Resp	Lower	Upper
146	100	298963		
111	38.6	20.1	60.2	
148	64.3	32.0	96.0	

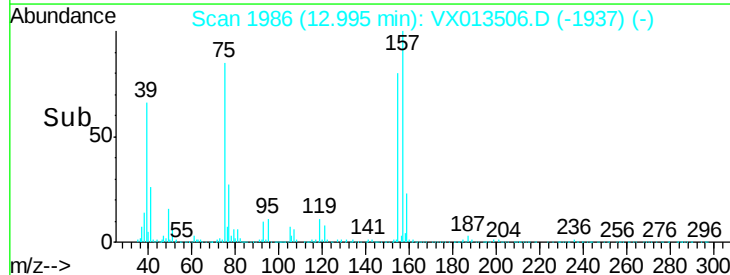
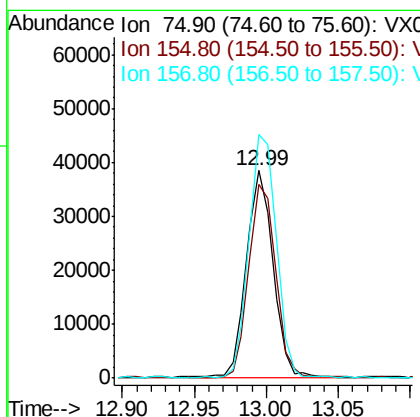
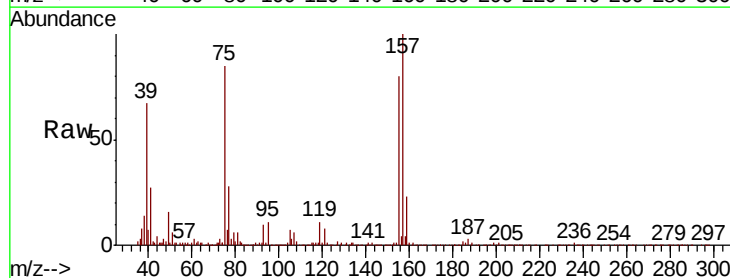
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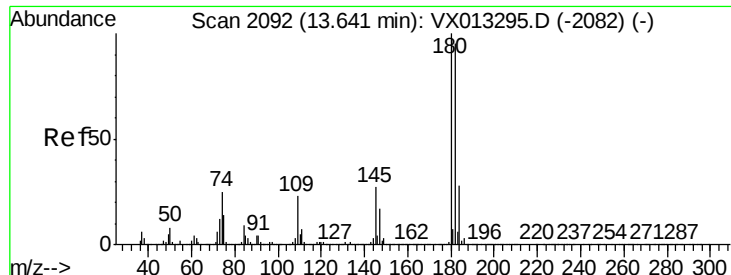
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.420 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013506.D
 Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48852		
155	94.6	47.1	141.4	
157	120.3	61.3	183.8	





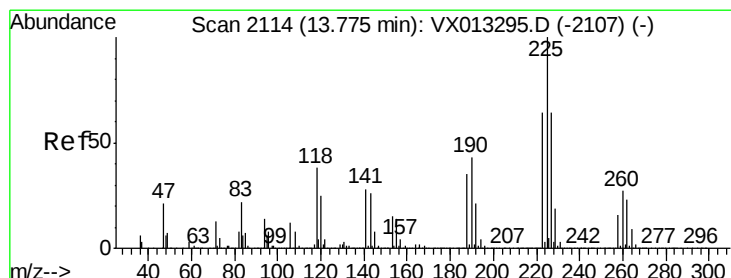
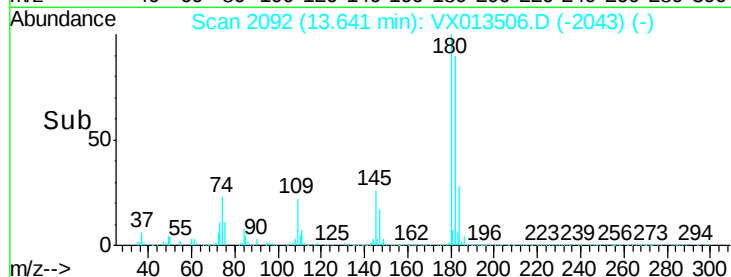
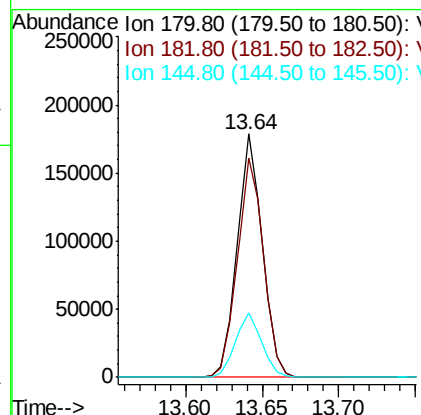
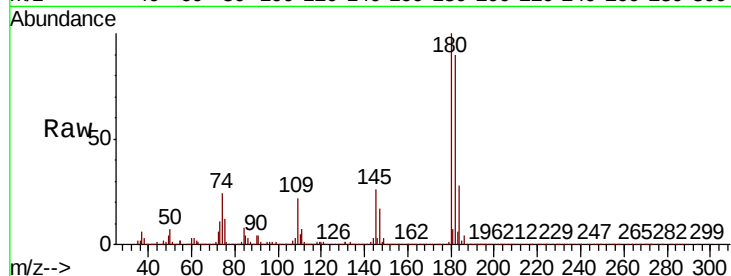
#93
 1,2,4-Trichlorobenzene
 Concen: 18.334 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013506.D
 Acq: 21 Nov 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS03

Tot Ion	Ratio	Resp	Lower	Upper
180	100	203343		
182	93.7	48.4	145.0	
145	27.7	14.1	42.4	

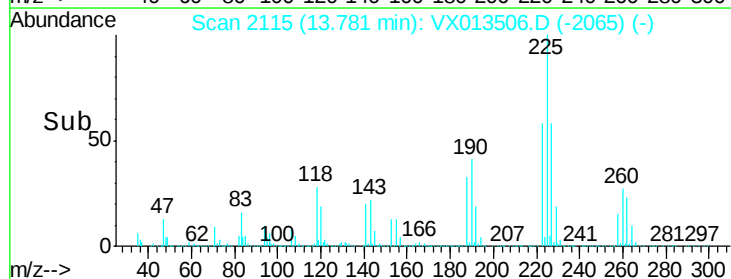
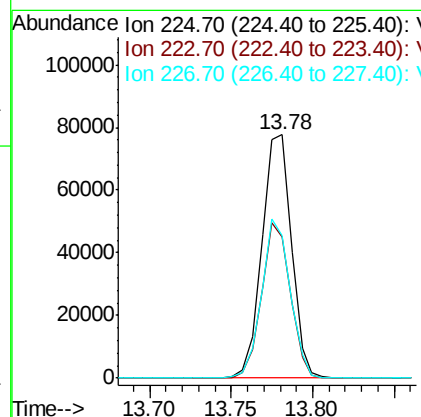
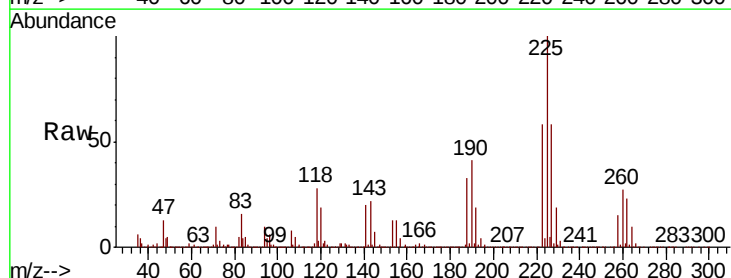
Manual Integrations
 APPROVED

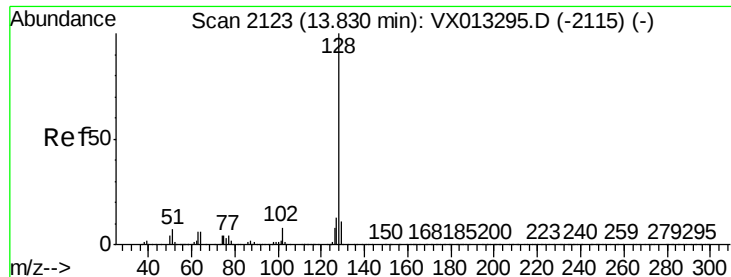
MMDadoda
 11/22/2019 8:44:25 AM



#94
 Hexachlorobutadiene
 Concen: 18.083 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013506.D
 Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98123		
223	62.4	31.9	95.7	
227	63.3	31.9	95.9	





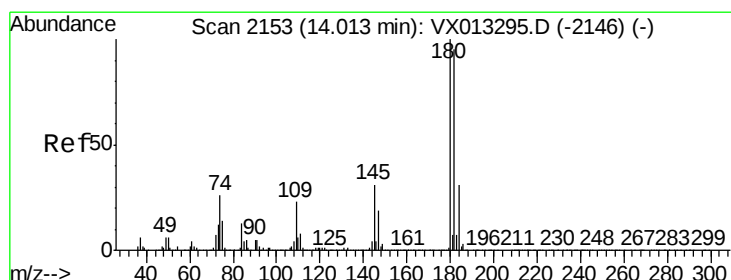
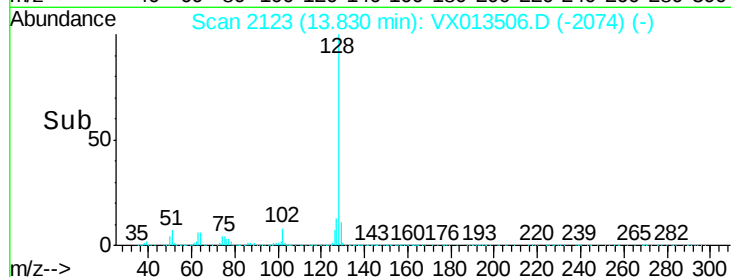
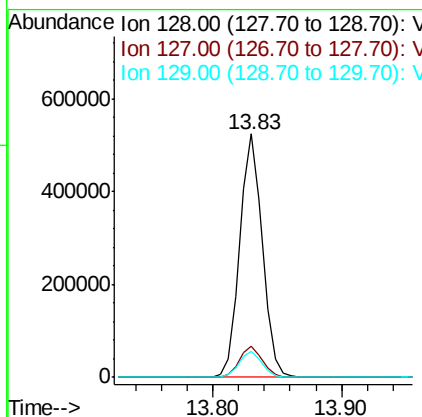
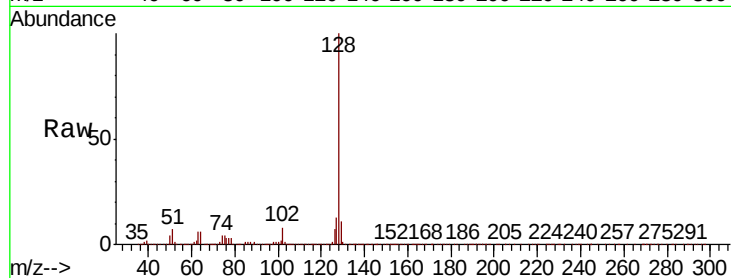
#95
Naphthalene
Concen: 18.268 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	10.8	8.5	12.7

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 18.273 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013506.D
Acq: 21 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.0	144.2
145	30.3	15.4	46.4

