

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111419\
 Data File : VX013432.D
 Acq On : 14 Nov 2019 19:40
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 9:21:37 AM

Quant Time: Nov 15 06:06:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	115501	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	628808	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	558711	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	240377	28.18	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.93%
60) 4-Bromofluorobenzene	11.14	95	265509	29.57	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.57%
63) Toluene-d8	8.71	98	766521	30.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.13%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.19	85	150997	17.448	ug/l	96
3) Chloromethane	1.32	50	177136	18.781	ug/l	99
4) Vinyl Chloride	1.40	62	200500	18.709	ug/l	98
5) Bromomethane	1.63	94	102834	15.961	ug/l	99
6) Chloroethane	1.72	64	109648	18.613	ug/l	95
7) Trichlorofluoromethane	1.92	101	208319	18.056	ug/l	99
8) Diethyl Ether	2.18	74	99906	18.965	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123251	17.756	ug/l	99
10) 1,1-Dichloroethene	2.36	96	129149	18.105	ug/l	98
11) Methyl Iodide	2.50	142	158592	18.006	ug/l	98
12) Methyl Acetate	2.76	43	242370	19.390	ug/l	98
13) Acrolein	2.28	56	113641	85.590	ug/l	99
14) Acrylonitrile	3.13	53	433571	94.328	ug/l	99
15) Acetone	2.43	58	117396	84.330	ug/l	98
16) Carbon Disulfide	2.56	76	336245	16.900	ug/l	100
17) Allyl chloride	2.72	41	238490	18.155	ug/l	95
18) Methylene Chloride	2.85	84	148829	18.389	ug/l	99
19) trans-1,2-Dichloroethene	3.16	96	138329	18.145	ug/l	99
20) Diisopropyl ether	3.84	45	469427	18.574	ug/l	87
21) 1,1-Dichloroethane	3.69	63	251836	18.295	ug/l	99
22) cis-1,2-Dichloroethene	4.58	96	160983	18.521	ug/l	98
23) tert-Butyl Alcohol	3.03	59	201536	91.109	ug/l	# 100
24) Methyl tert-Butyl Ether	3.18	73	433852	18.377	ug/l	100
25) Chloroform	5.20	83	253492	18.813	ug/l	99
26) Cyclohexane	5.57	56	217394	17.391	ug/l	# 98
29) 1,1-Dichloropropene	5.79	75	180511	18.795	ug/l	99
30) 2-Butanone	4.65	43	625035	98.596	ug/l	99
31) 2,2-Dichloropropane	4.58	77	188849	18.156	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	207041	19.395	ug/l	98
33) Carbon Tetrachloride	5.78	117	171261	18.470	ug/l	96
34) Benzene	6.13	78	572290	19.645	ug/l	98
35) Methacrylonitrile	5.03	41	125515	19.827	ug/l	96
36) 1,2-Dichloroethane	6.18	62	201728	19.783	ug/l	100
37) Trichloroethene	7.21	130	152426	19.531	ug/l	93
38) Methylcyclohexane	7.46	83	212922	18.080	ug/l	99
39) 1,2-Dichloropropane	7.51	63	148166	19.670	ug/l	99
40) Dibromomethane	7.65	93	100590	20.066	ug/l	98

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Manual Integrations
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Quant Time: Nov 15 06:06:53 2019
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	184358	18.839	ug/l	98
42) Vinyl Acetate	3.80	43	1947321	97.567	ug/l	100
43) Ethyl Acetate	4.82	43	235546	20.372	ug/l	99
44) Isopropyl Acetate	6.43	43	357342	19.227	ug/l	99
45) 1,4-Dioxane	7.73	88	83099	404.977	ug/l	99
46) Methyl methacrylate	7.76	41	179118	19.375	ug/l	96
47) n-amyl Acetate	10.89	43	300600	18.439	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	196223	17.882	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	227025	18.881	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	146243	19.715	ug/l	97
51) Ethyl methacrylate	9.17	69	231164	18.927	ug/l	99
52) 1,3-Dichloropropane	9.37	76	249256	19.655	ug/l	99
53) Dibromochloromethane	9.58	129	145925	18.561	ug/l	99
54) 1,2-Dibromoethane	9.67	107	158077	19.929	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	480353	92.046	ug/l	99
56) Bromoform	10.85	173	109501	17.502	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	1196615	102.523	ug/l	100
59) 2-Hexanone	9.48	43	915819	99.169	ug/l	99
61) Tetrachloroethene	9.33	164	135349	19.646	ug/l	98
62) Toluene	8.78	91	611246	19.641	ug/l	99
64) Chlorobenzene	10.14	112	379574	19.507	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	140664	19.312	ug/l	99
66) Ethyl Benzene	10.25	91	660260	19.312	ug/l	100
67) m/p-Xylenes	10.35	106	501771	38.046	ug/l	98
68) o-Xylene	10.70	106	248972	19.561	ug/l	98
69) Styrene	10.71	104	420139	19.331	ug/l	100
70) Isopropylbenzene	11.01	105	650615	19.399	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	239123	19.913	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	187340m	18.476	ug/l	
73) Bromobenzene	11.25	156	173459	19.612	ug/l	94
74) n-propylbenzene	11.35	91	727342	19.083	ug/l	99
75) 2-Chlorotoluene	11.42	91	432314	19.074	ug/l	97
76) 1,3,5-Trimethylbenzene	11.50	105	542146	19.231	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	70699	17.244	ug/l	93
78) 4-Chlorotoluene	11.51	91	491794	18.938	ug/l	99
79) tert-butylbenzene	11.76	119	544375	19.139	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	538554	19.171	ug/l	99
81) sec-Butylbenzene	11.94	105	617672	19.034	ug/l	100
82) p-Isopropyltoluene	12.06	119	558771	18.688	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	295934	19.031	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	292698	18.963	ug/l	98
85) n-Butylbenzene	12.39	91	471360	18.266	ug/l	100
86) Hexachloroethane	12.59	117	96432	17.576	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	298066	19.169	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	52276	19.466	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	200636	18.714	ug/l	100
90) Hexachlorobutadiene	13.78	225	97569	18.992	ug/l	100
91) Naphthalene	13.83	128	641100	18.886	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	200642	18.519	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDCCC020EC

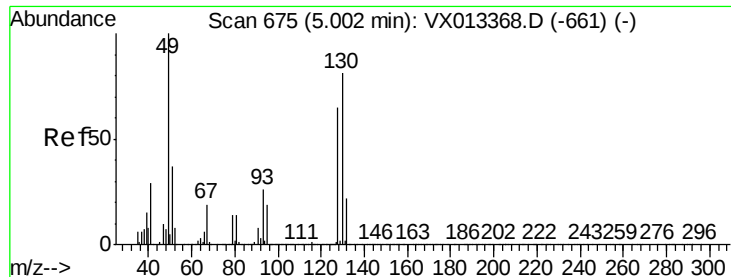
Manual Integrations
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11/15/2019 9:21:37 AM

Quant Time: Nov 15 06:06:53 2019
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QLast Update : Tue Nov 12 01:16:13 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

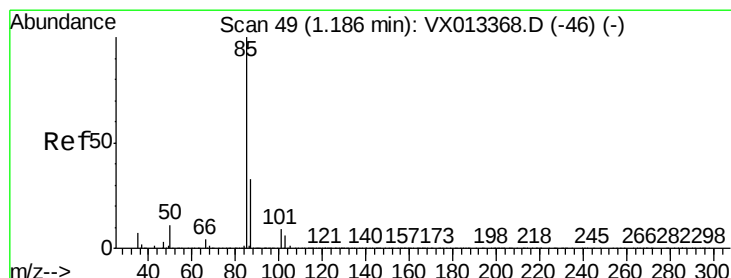
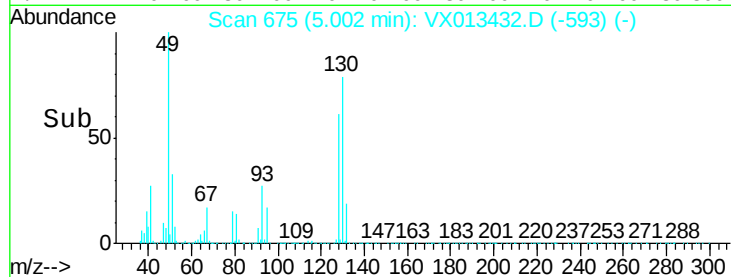
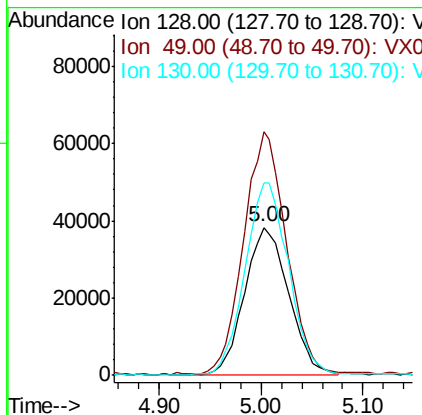
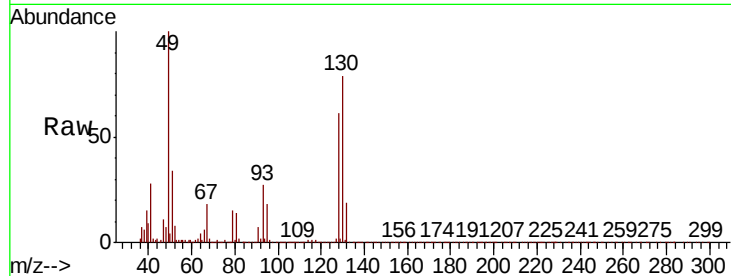
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	158.0	0.0	388.3
130	127.1	0.0	318.5

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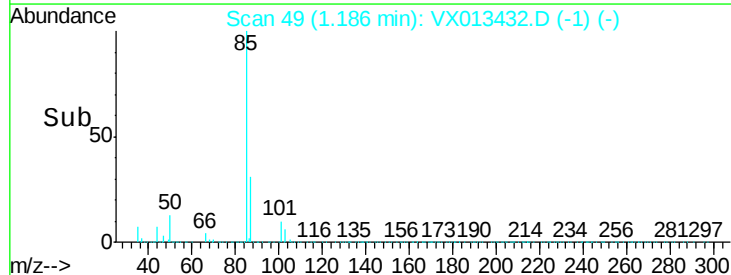
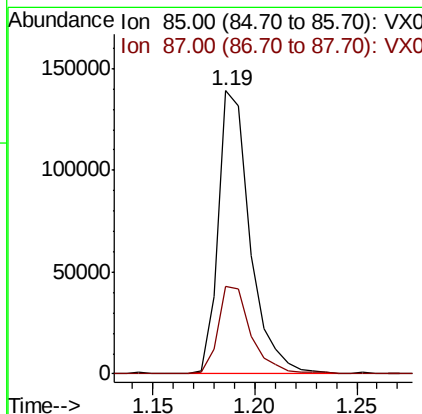
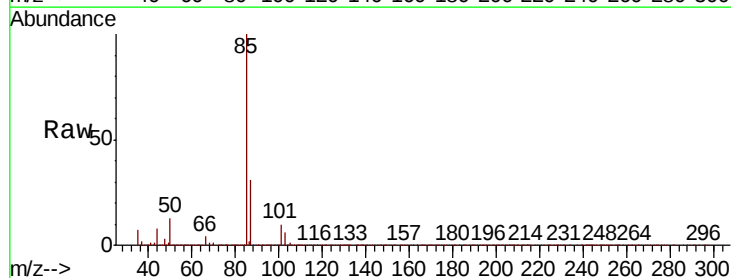
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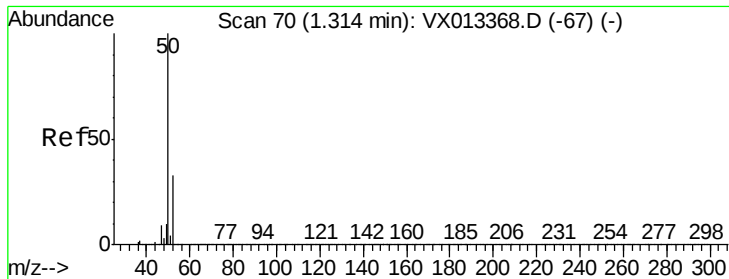


#2

Dichlorodifluoromethane
Concen: 17.448 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.8	16.6	49.7





#3

Chloromethane

Concen: 18.781 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 177136

Ion Ratio Lower Upper

50 100

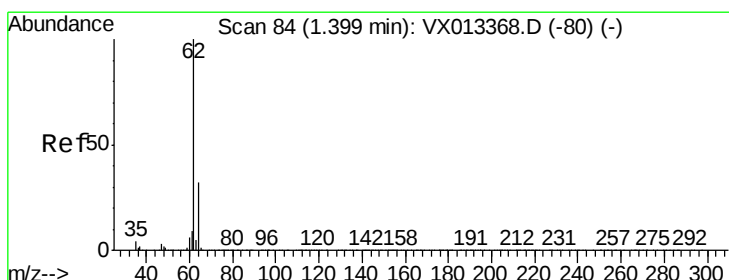
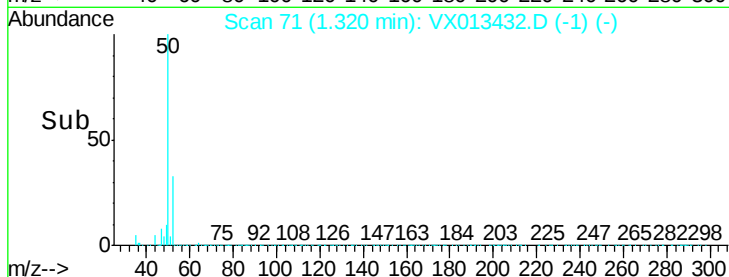
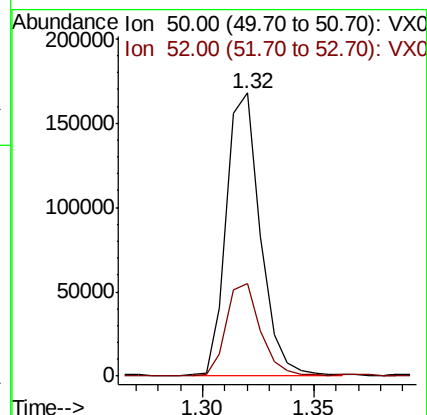
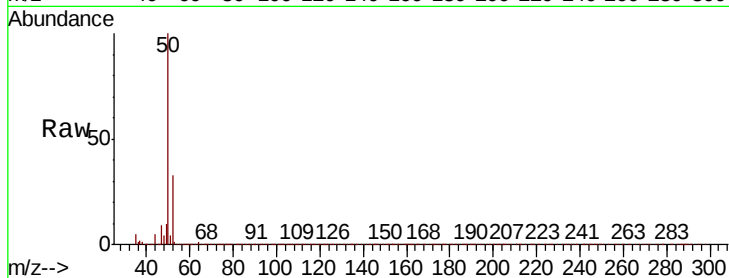
52 32.7 26.6 40.0

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#4

Vinyl Chloride

Concen: 18.709 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013432.D

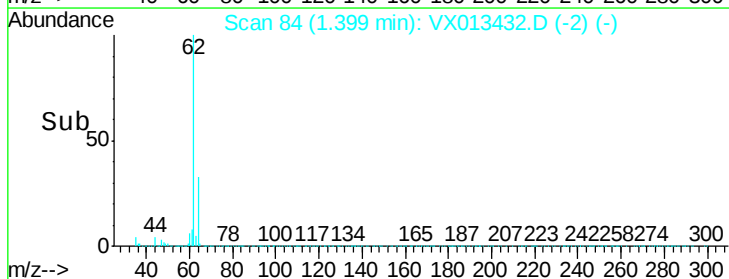
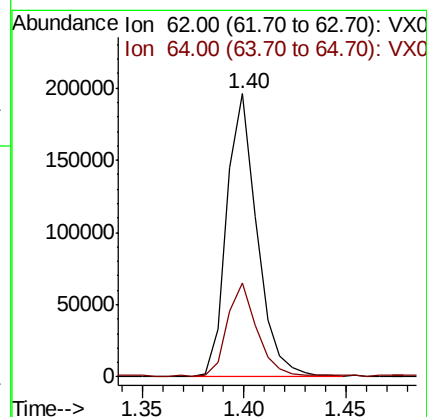
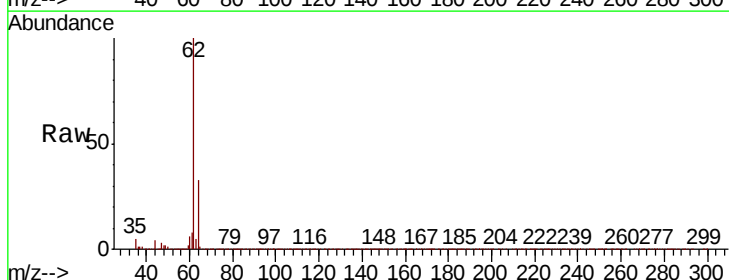
Acq: 14 Nov 2019 19:40

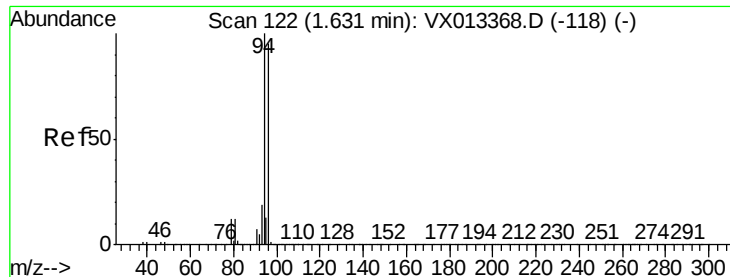
Tgt Ion: 62 Resp: 200500

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.2





#5

Bromomethane

Concen: 15.961 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 102834

Ion Ratio Lower Upper

94 100

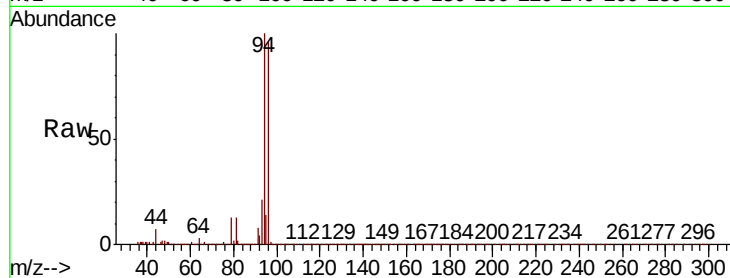
96 95.7 75.7 113.5

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.63

80000

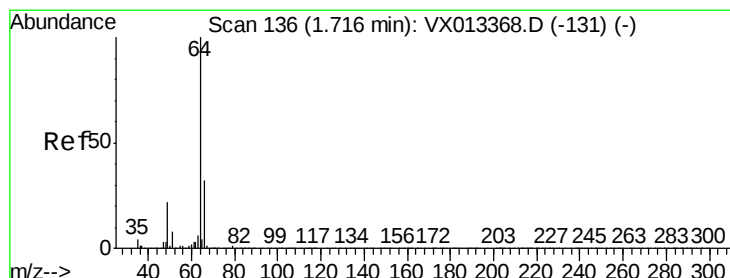
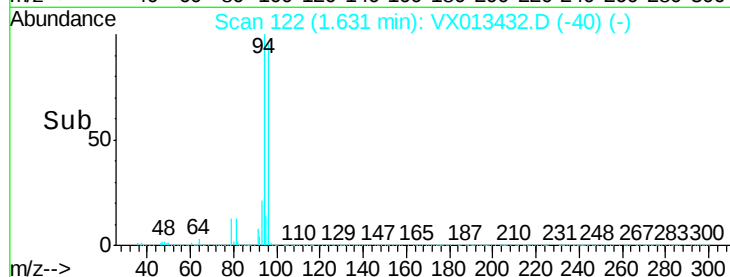
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 18.613 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013432.D

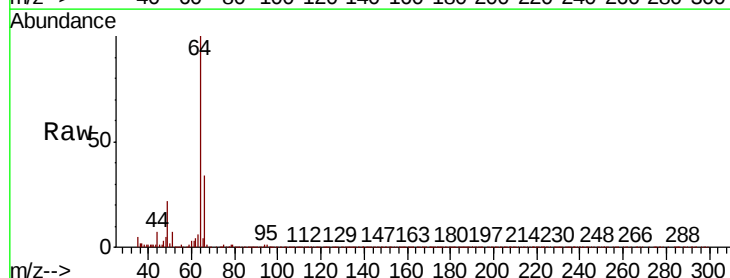
Acq: 14 Nov 2019 19:40

Tgt Ion: 64 Resp: 109648

Ion Ratio Lower Upper

64 100

66 34.6 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

80000

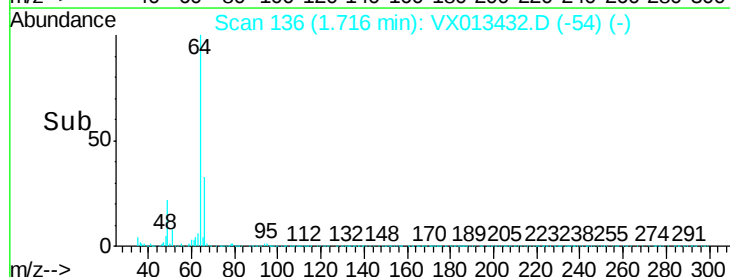
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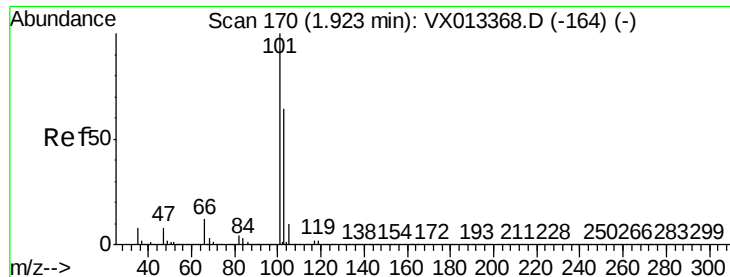
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20000

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Time-->





#7

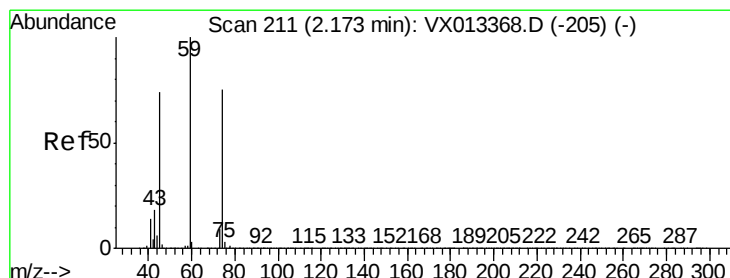
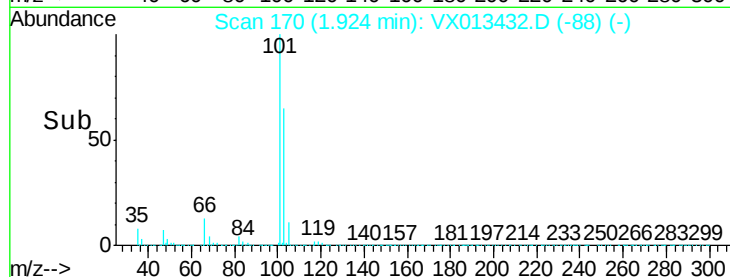
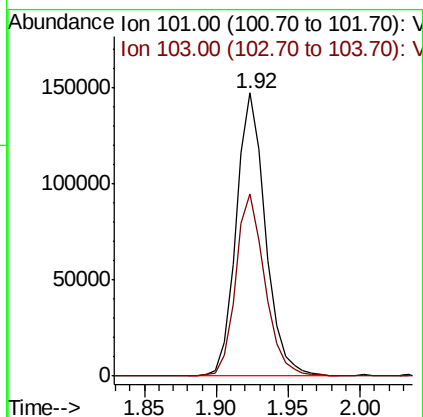
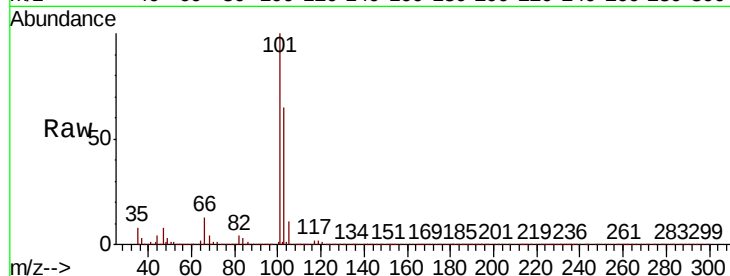
Trichlorofluoromethane
Concen: 18.056 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.2	76.8

Manual Integrations
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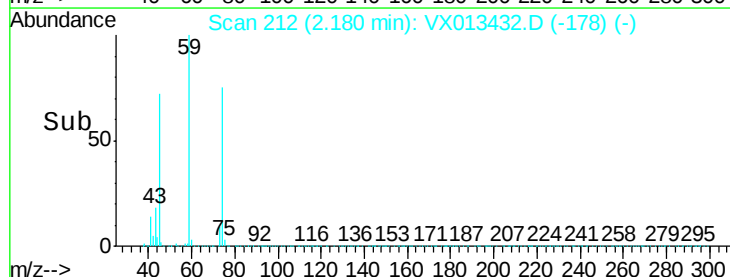
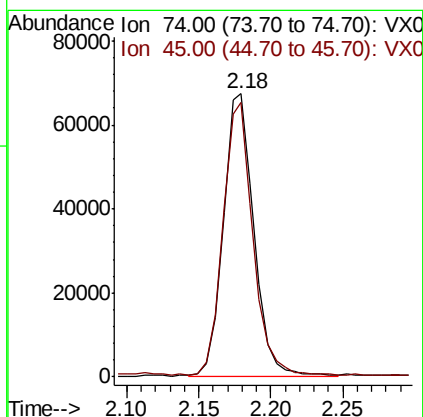
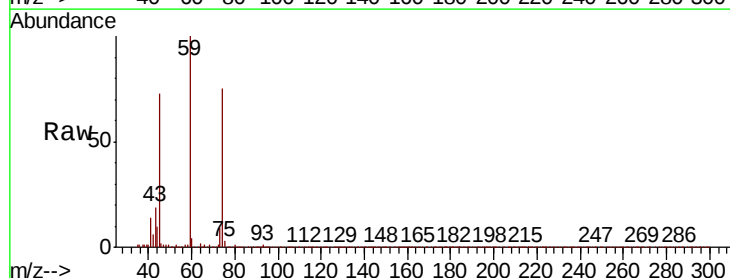
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11/15/2019 9:21:37 AM

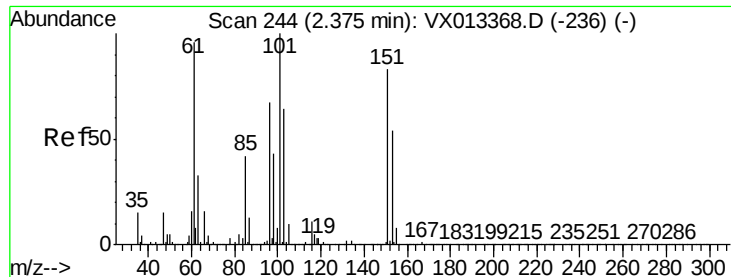


#8

Diethyl Ether
Concen: 18.965 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.7	19.5	175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.756 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Instrument :

MSVOA_X

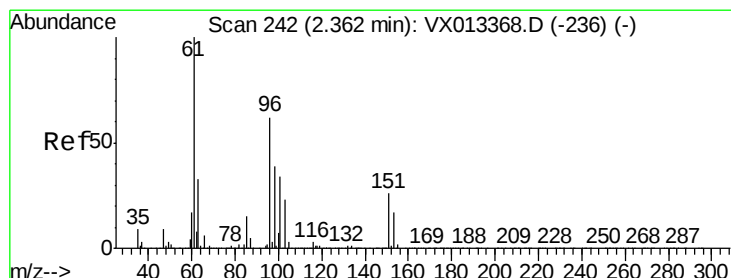
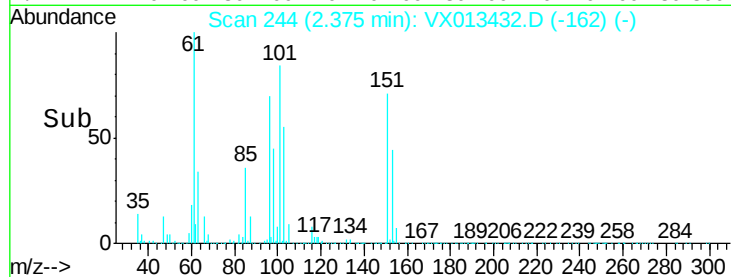
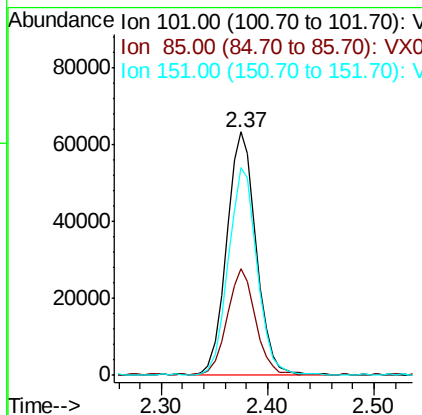
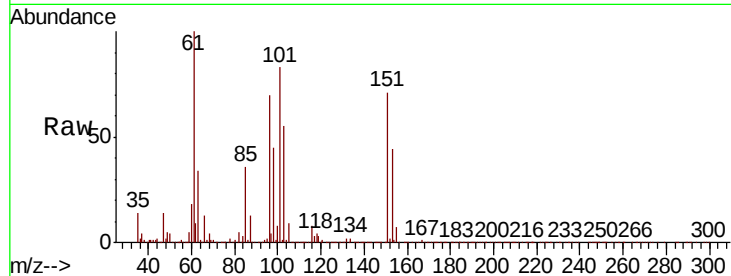
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	123251
Ion Ratio	Lower	Upper	
101	100		
85	41.5	0.0	83.2
151	83.3	0.0	163.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.105 ug/l

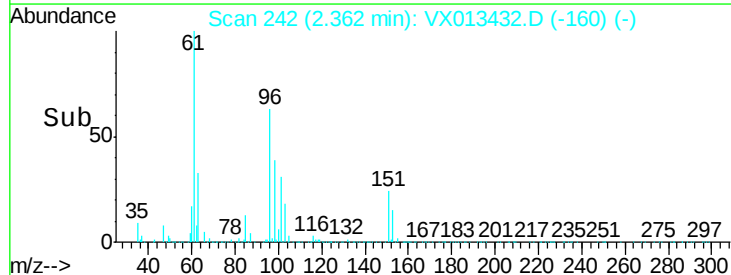
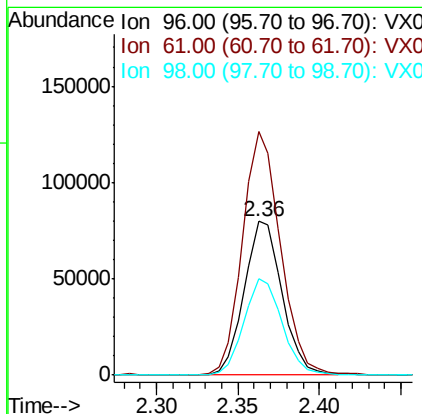
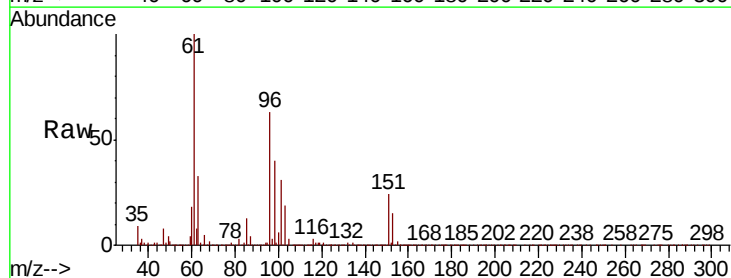
RT: 2.36 min Scan# 242

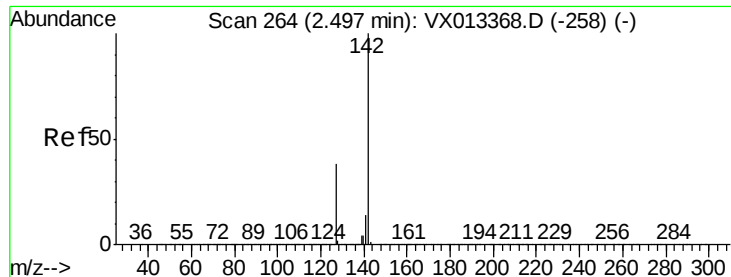
Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Tgt Ion:	96	Resp:	129149
Ion Ratio	Lower	Upper	
96	100		
61	158.2	128.9	193.3
98	62.7	49.7	74.5





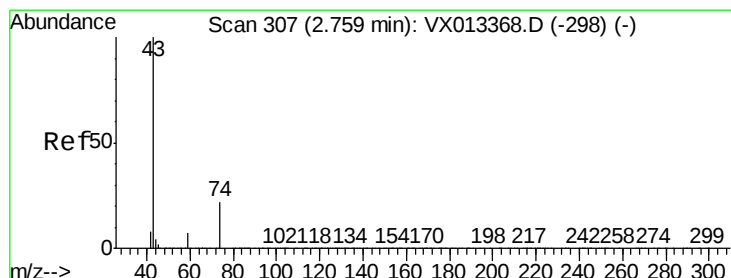
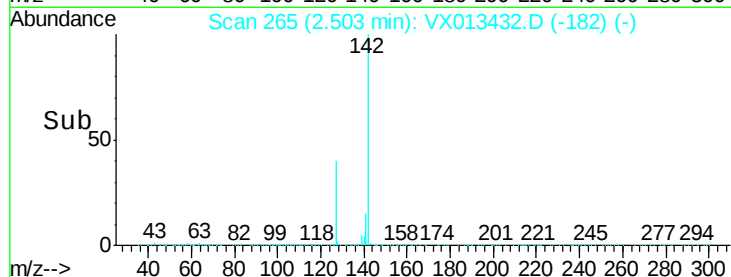
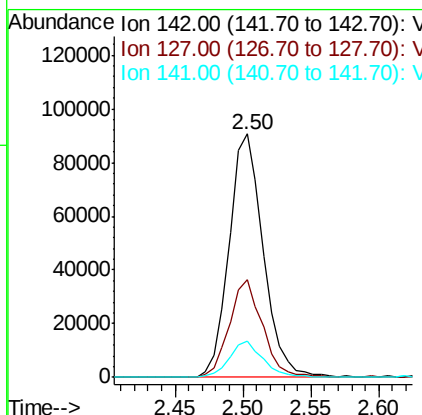
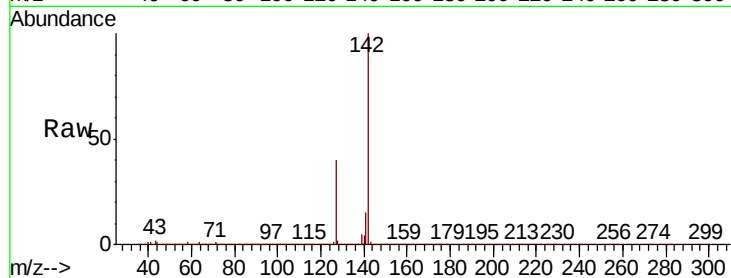
#11
Methyl Iodide
Concen: 18.006 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.8	19.1	57.5
141	14.6	7.0	21.0

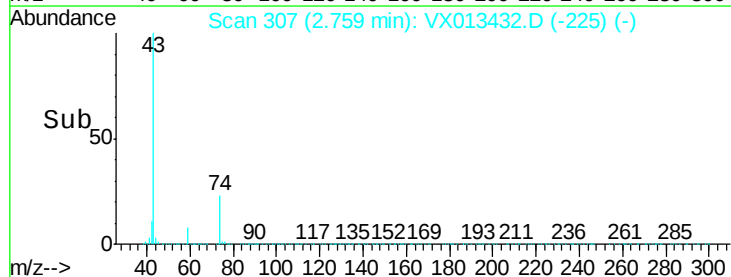
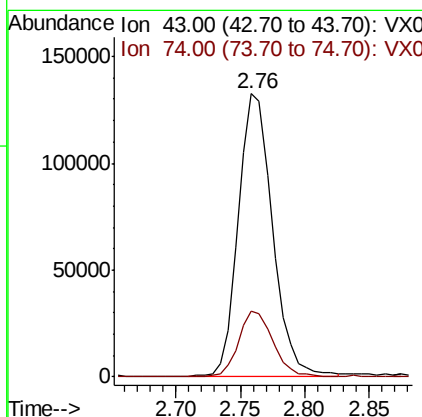
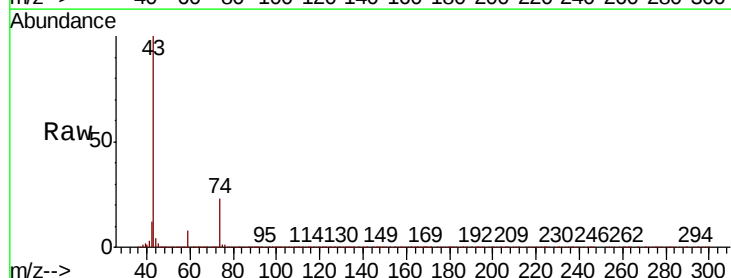
Manual Integrations
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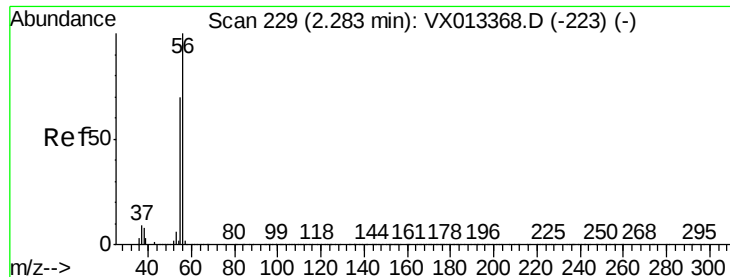
MMDadoda
11/15/2019 9:21:37 AM



#12
Methyl Acetate
Concen: 19.390 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.0	27.0





#13

Acrolein

Concen: 85.590 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 113641

Ion Ratio Lower Upper

56 100

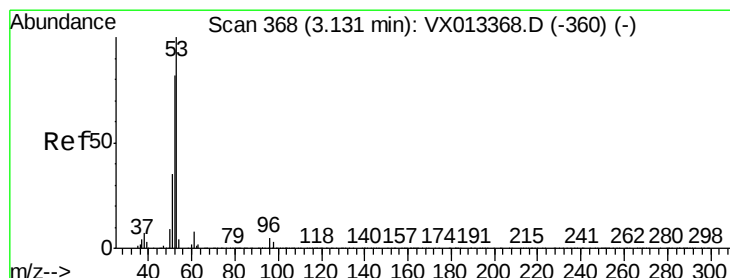
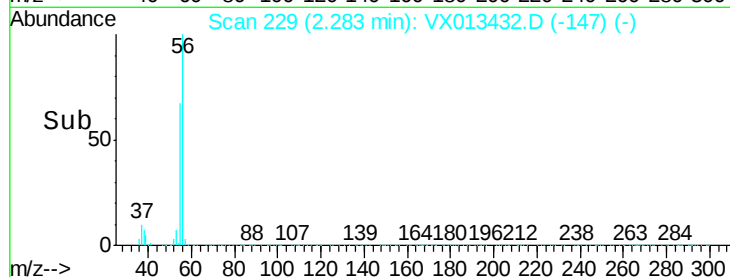
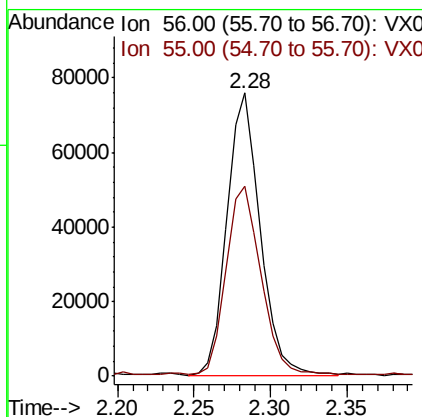
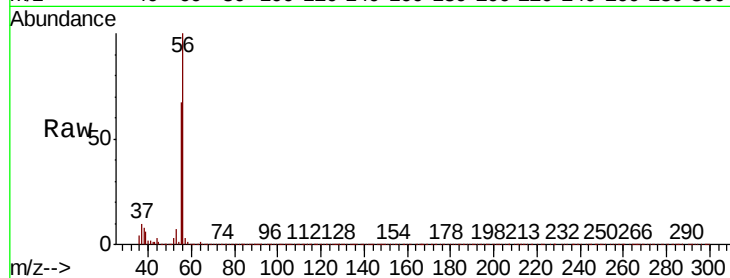
55 70.5 55.8 83.8

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#14

Acrylonitrile

Concen: 94.328 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

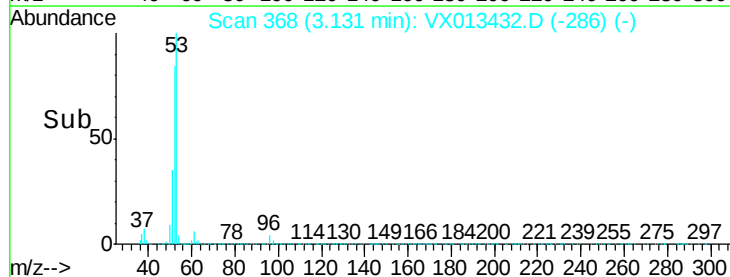
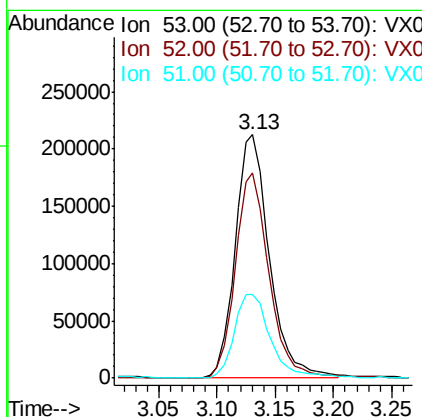
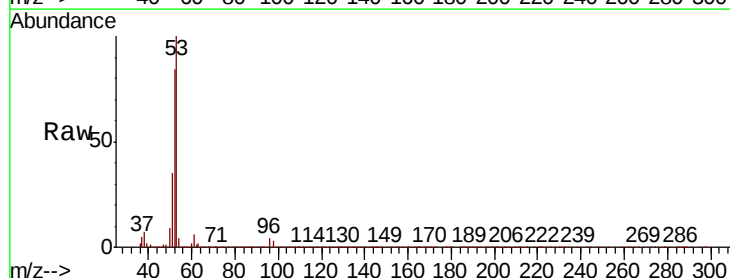
Tgt Ion: 53 Resp: 433571

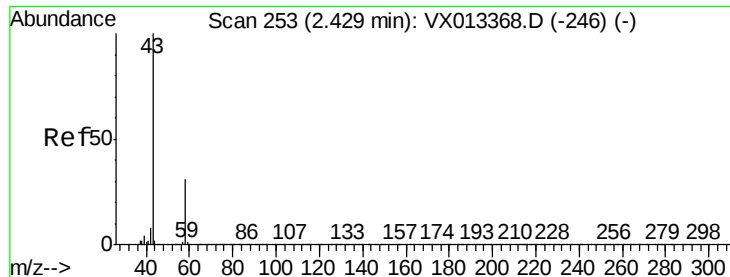
Ion Ratio Lower Upper

53 100

52 82.7 41.0 123.0

51 36.2 17.3 51.9





#15

Acetone

Concen: 84.330 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 117396

Ion Ratio Lower Upper

58 100

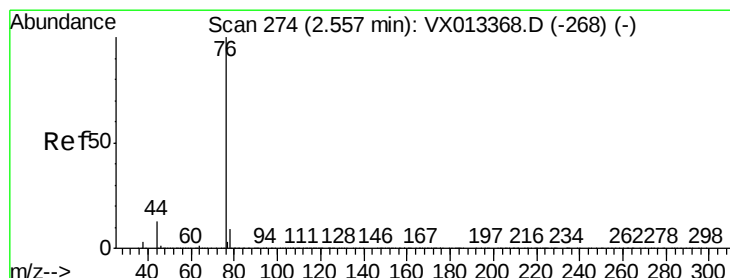
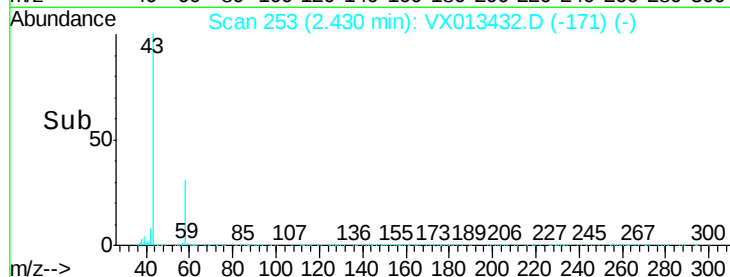
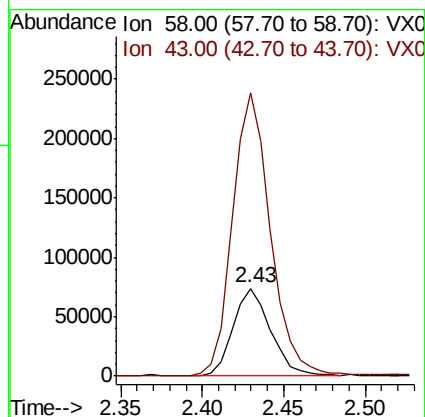
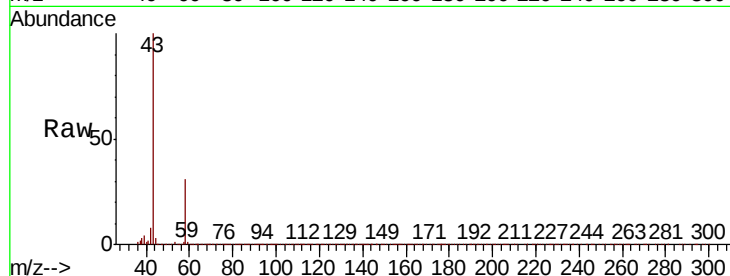
43 323.2 261.4 392.2

Manual Integrations

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#16

Carbon Disulfide

Concen: 16.900 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013432.D

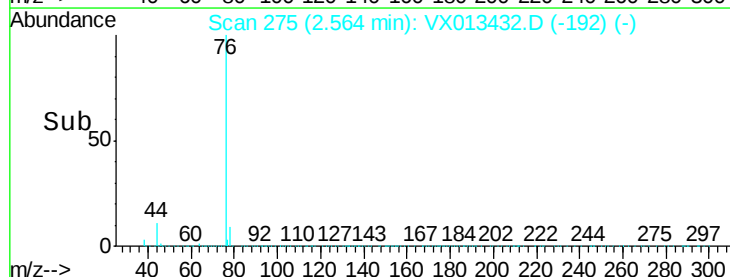
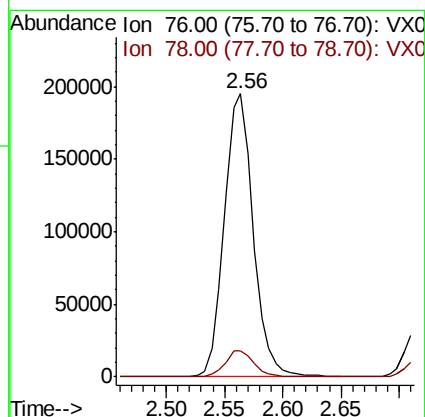
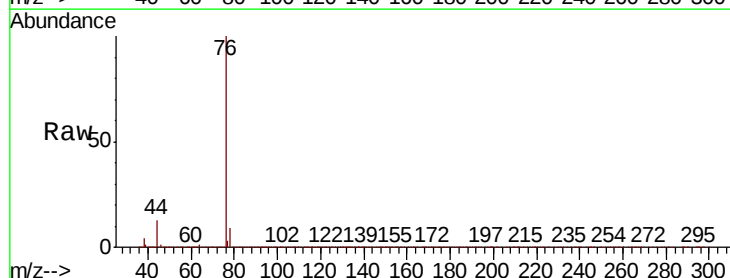
Acq: 14 Nov 2019 19:40

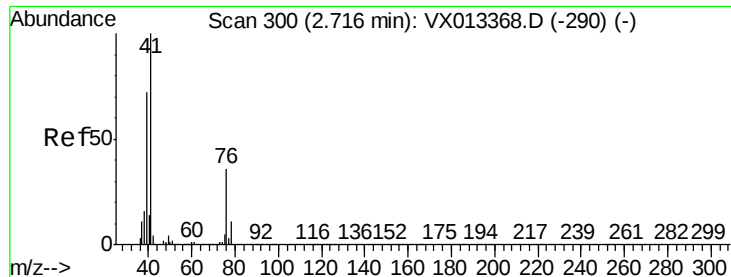
Tgt Ion: 76 Resp: 336245

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





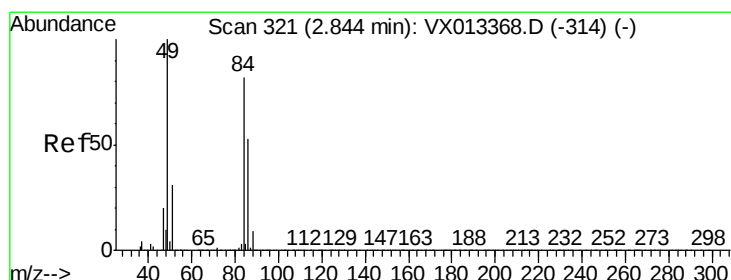
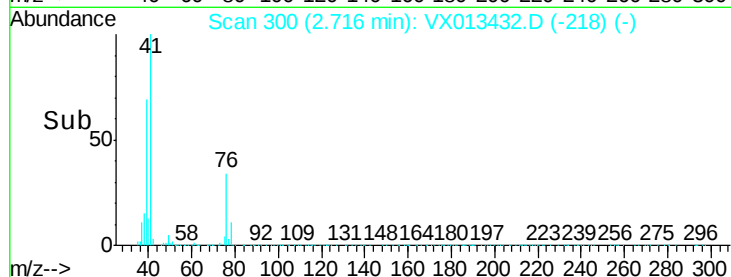
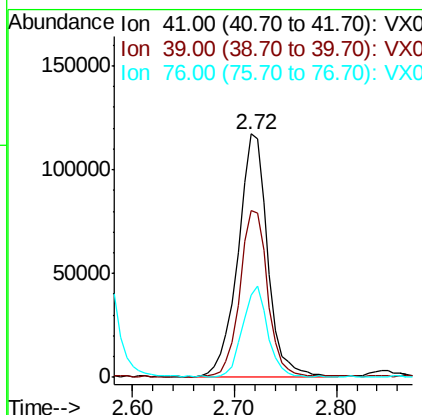
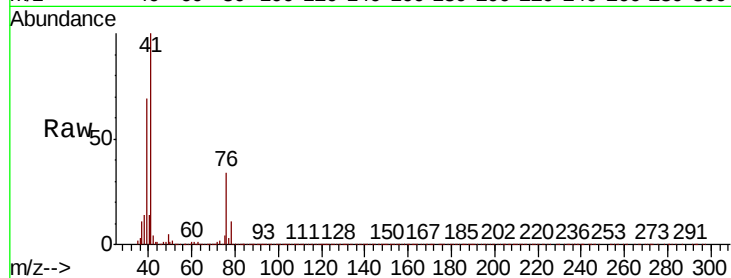
#17
Allvl chloride
Concen: 18.155 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	68.4	36.1	108.3
76	33.4	18.1	54.4

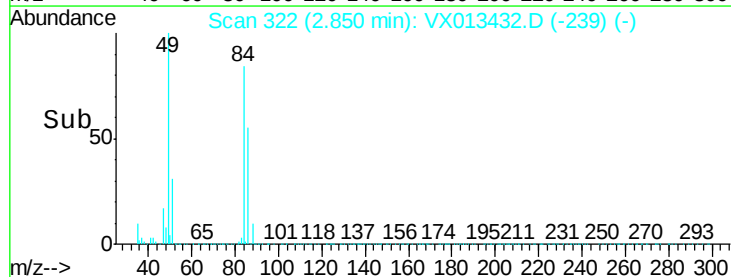
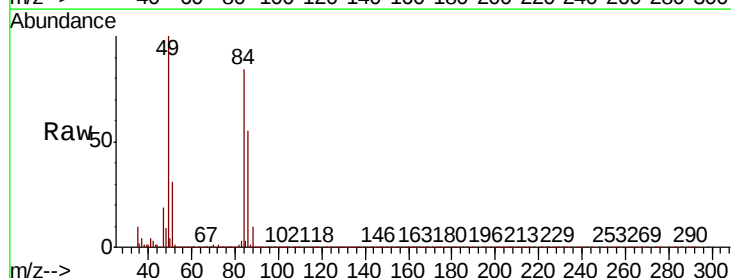
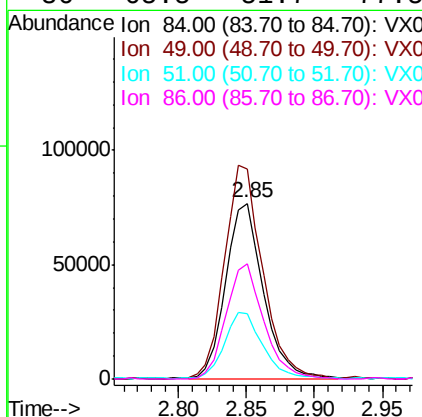
Manual Integrations
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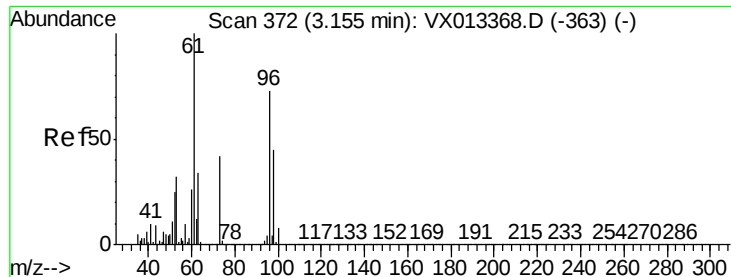
MMDadoda
11/15/2019 9:21:37 AM



#18
Methylene Chloride
Concen: 18.389 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.4	96.8	145.2
51	36.4	30.0	45.0
86	65.5	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 18.145 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Instrument :

MSVOA_X

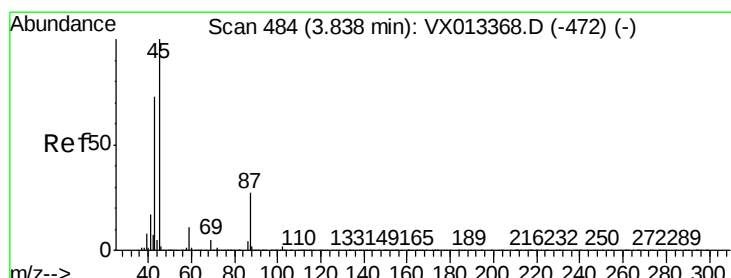
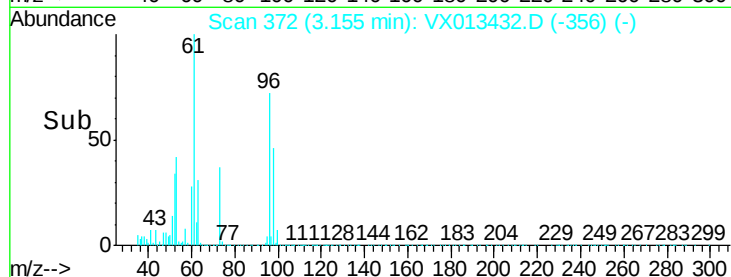
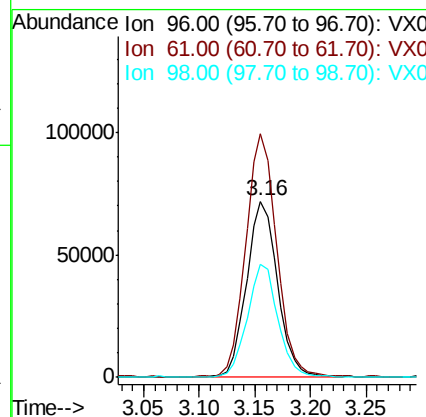
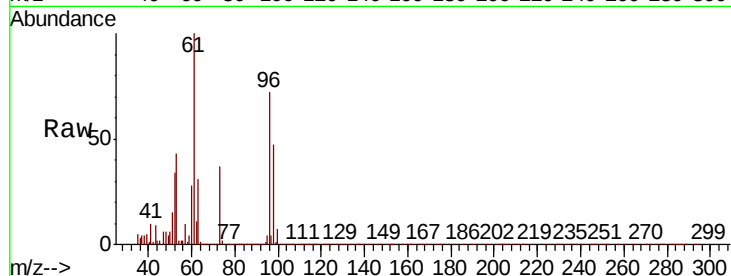
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	138329
Ion	Ratio	Lower	Upper
96	100		
61	138.1	109.9	164.9
98	64.4	49.7	74.5

Manual Integrations
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#20

Diisopropyl ether

Concen: 18.574 ug/l

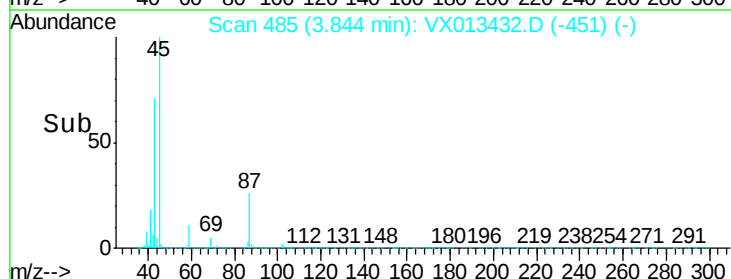
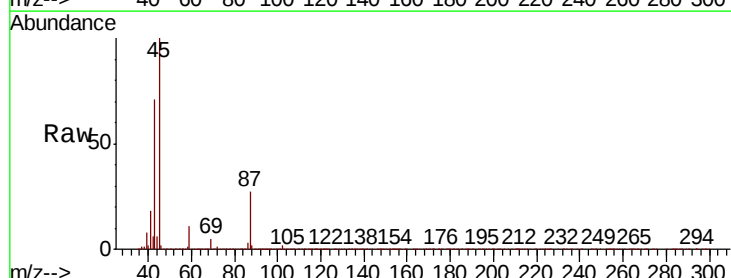
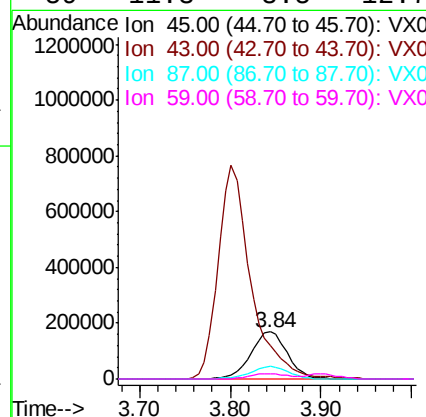
RT: 3.84 min Scan# 485

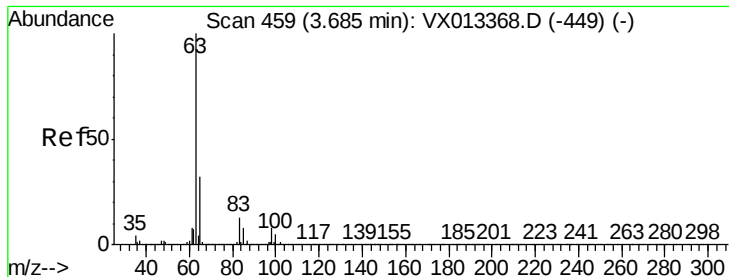
Delta R.T. 0.01 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Tgt Ion:	45	Resp:	469427
Ion	Ratio	Lower	Upper
45	100		
43	68.0	67.7	101.5
87	26.3	21.5	32.3
59	11.3	8.5	12.7





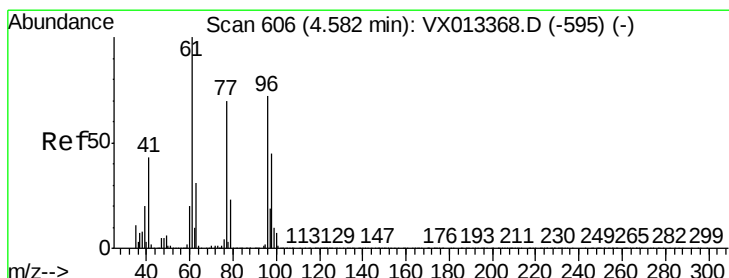
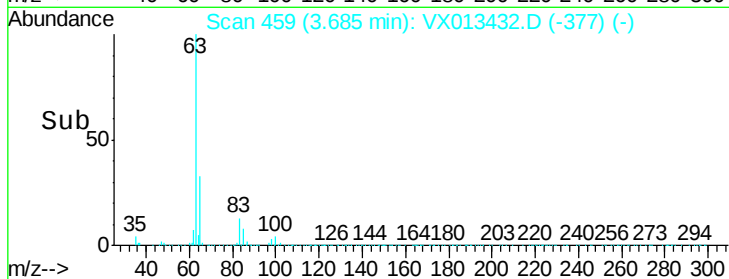
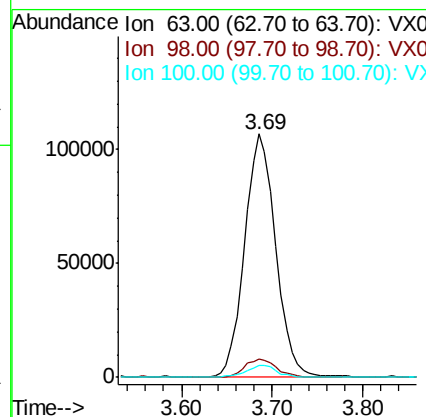
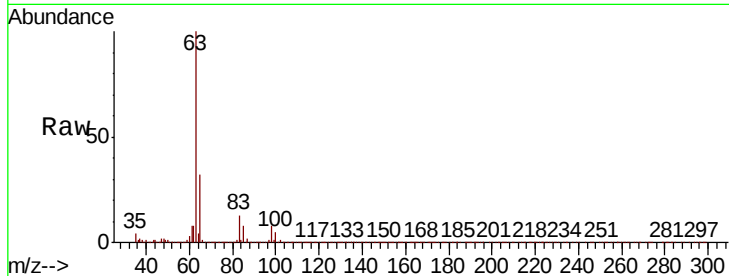
#21
1,1-Dichloroethane
Concen: 18.295 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
98	7.6	4.0	11.9
100	4.7	2.5	7.5

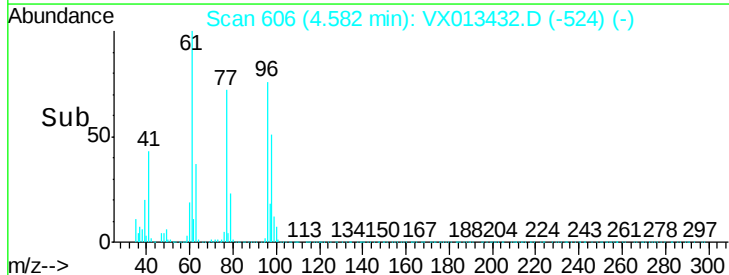
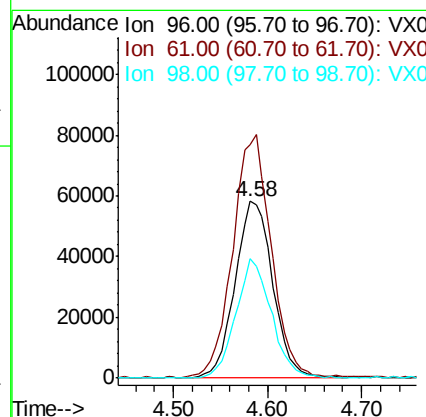
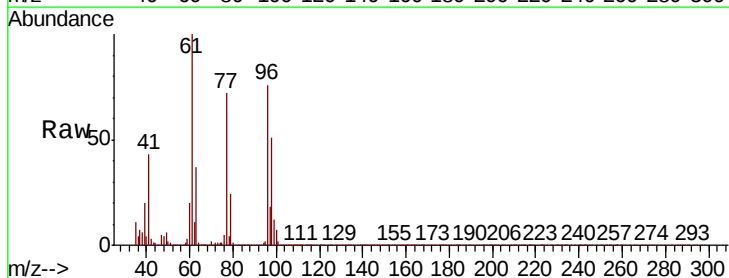
Manual Integrations
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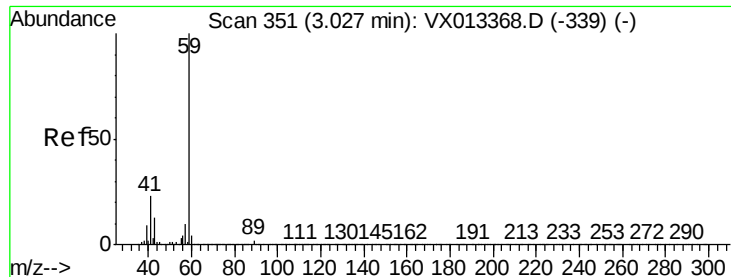
MMDadoda
11/15/2019 9:21:37 AM



#22
cis-1,2-Dichloroethene
Concen: 18.521 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.1	117.0	175.6
98	63.7	51.1	76.7





#23

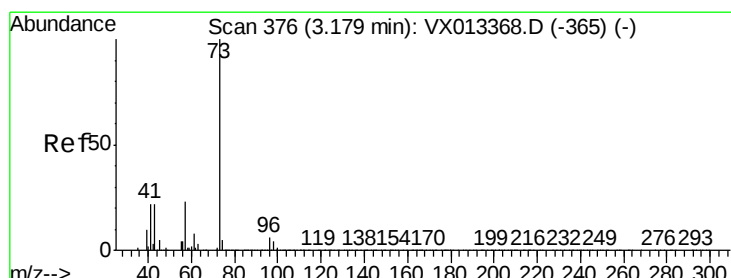
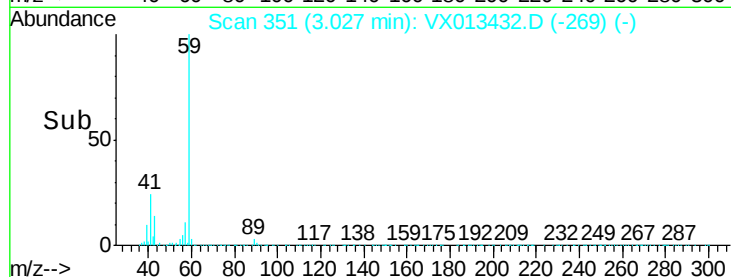
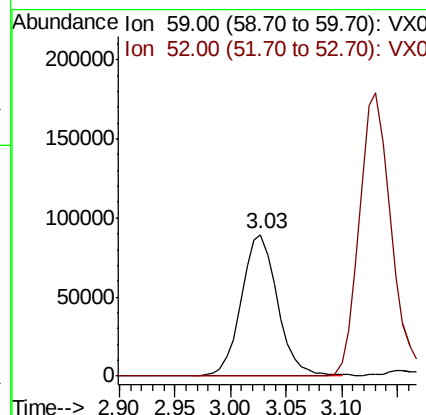
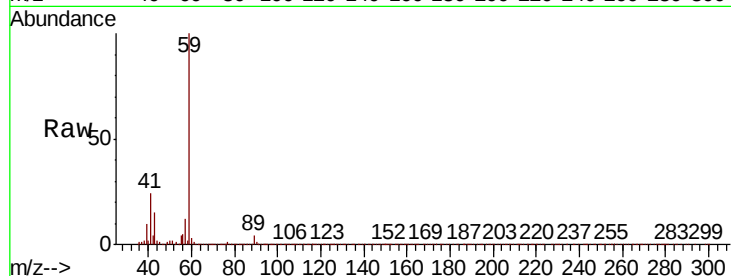
tert-Butyl Alcohol
Concen: 91.109 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.1	0.1#

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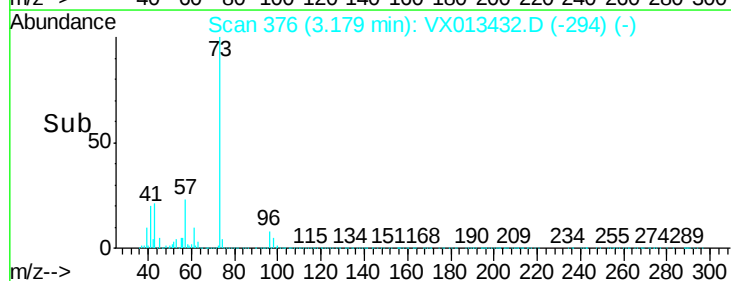
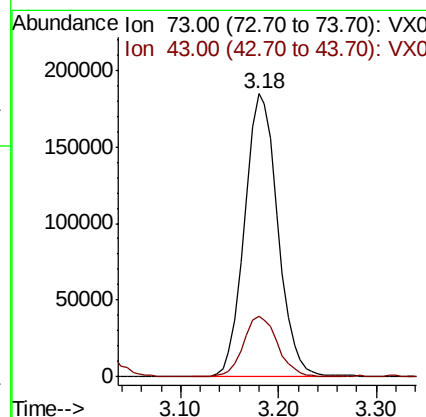
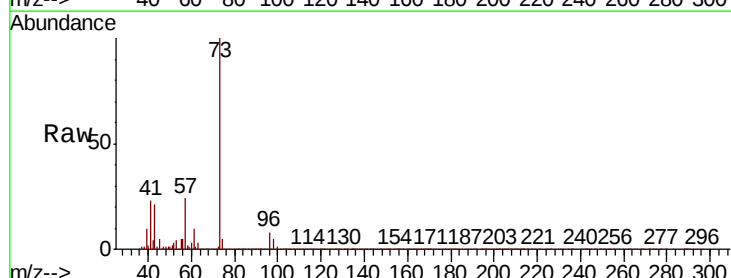
MMDadoda
11/15/2019 9:21:37 AM

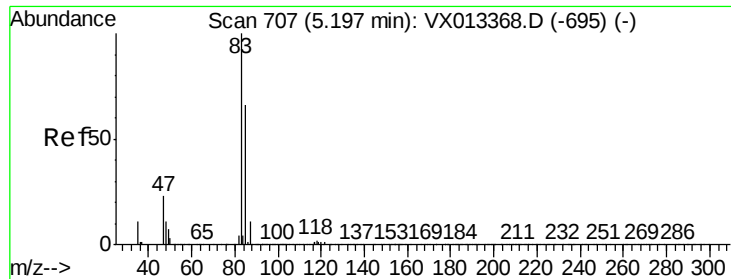


#24

Methyl tert-Butyl Ether
Concen: 18.377 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.5	17.0	25.6





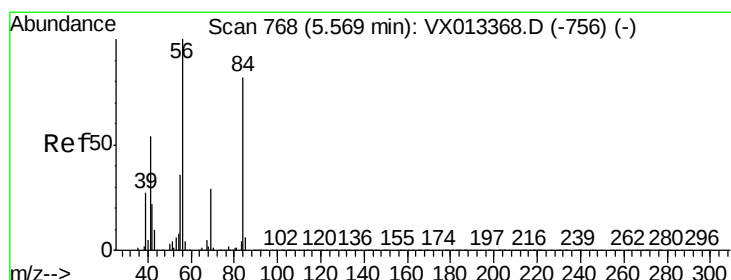
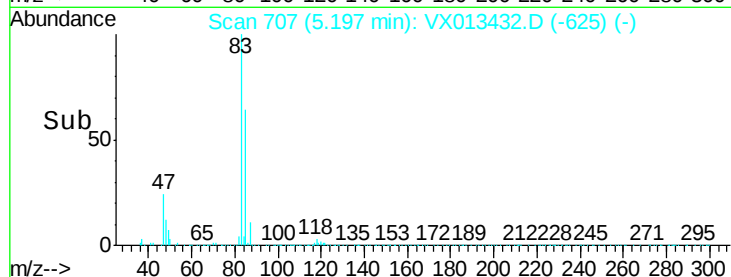
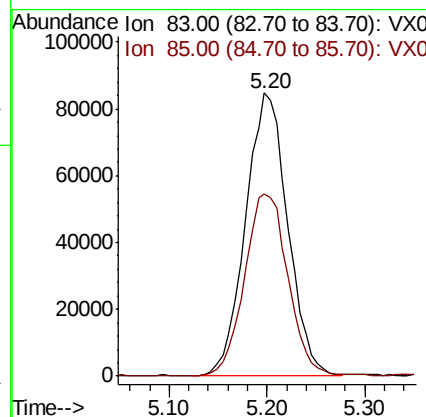
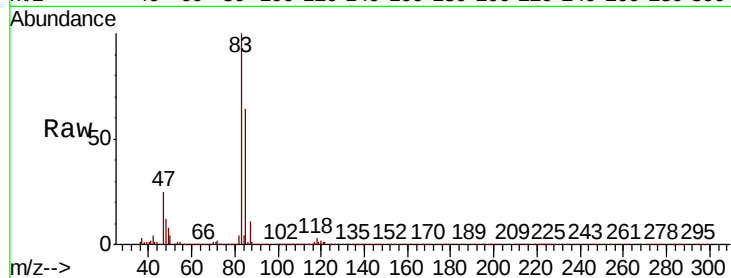
#25
Chloroform
Concen: 18.813 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.4	78.6

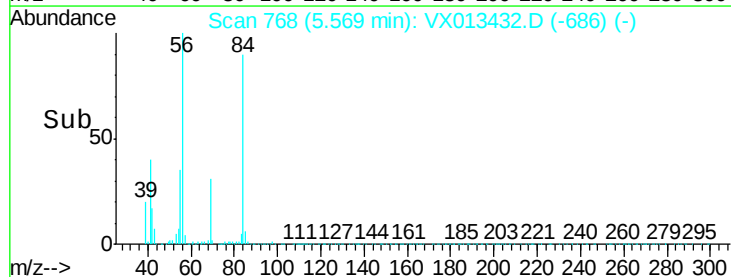
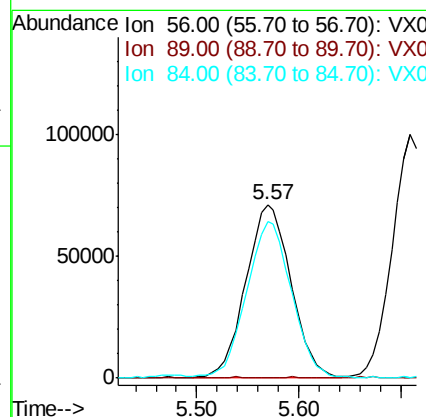
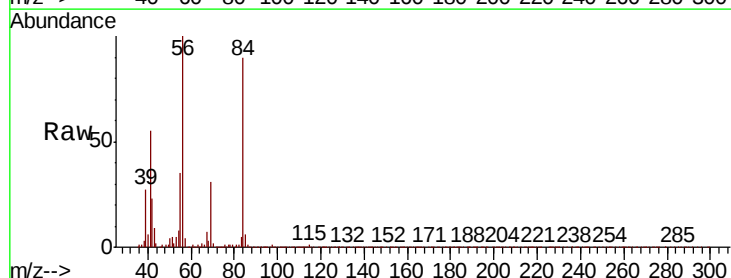
Manual Integrations
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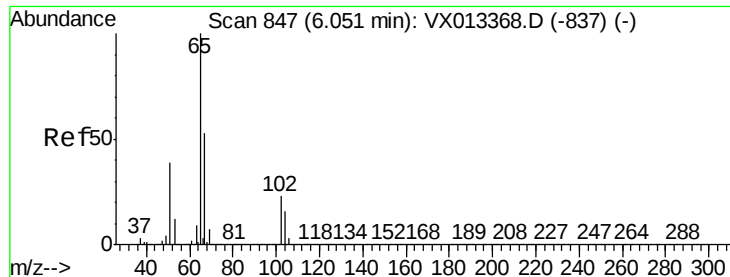
MMDadoda
11/15/2019 9:21:37 AM



#26
Cyclohexane
Concen: 17.391 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0#
84	90.1	70.5	105.7





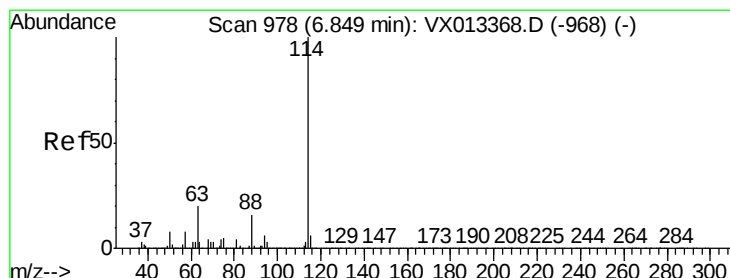
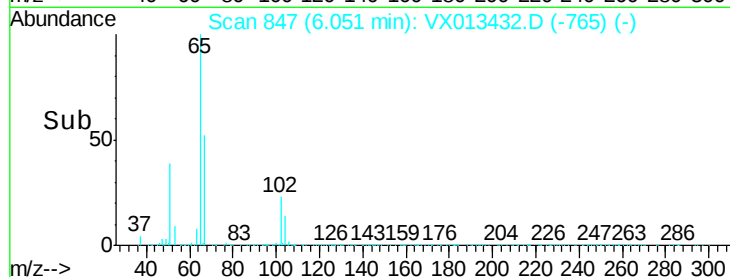
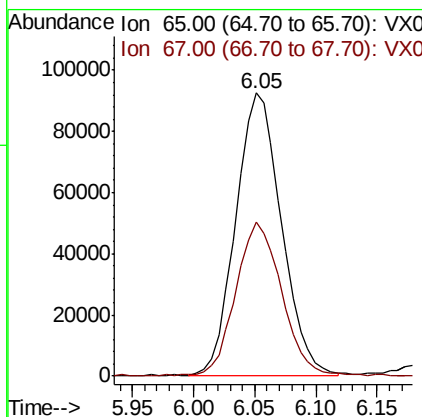
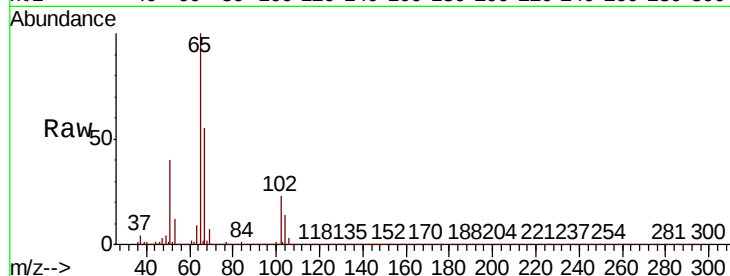
#27
 1,2-Dichloroethane-d4
 Concen: 28.184 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013432.D
 Acq: 14 Nov 2019 19:40

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	41.0	61.6

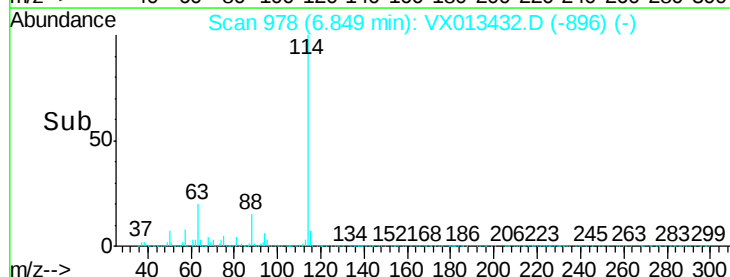
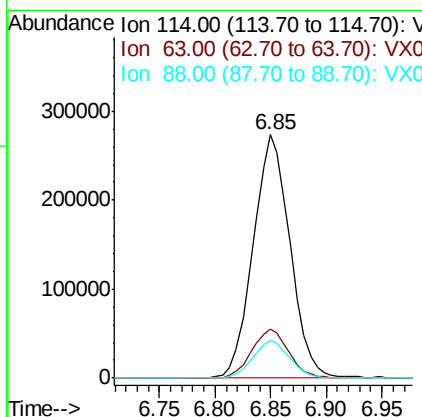
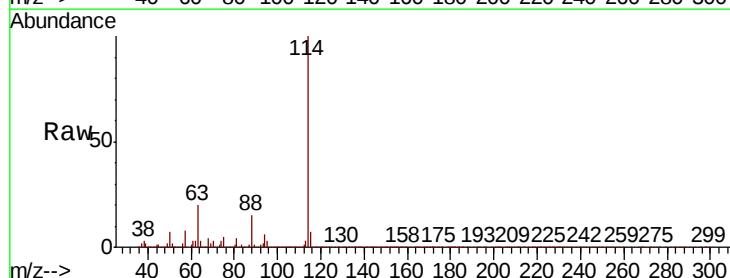
Manual Integrations
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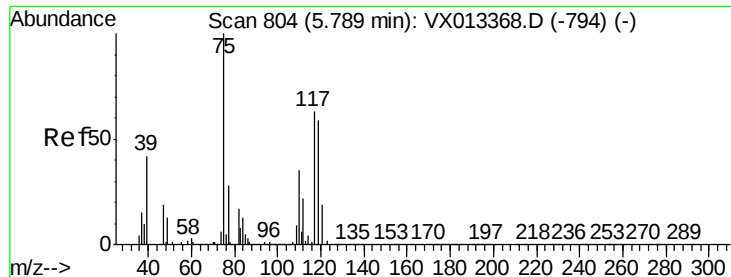
MMDadoda
 11/15/2019 9:21:37 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013432.D
 Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.1	24.1
88	15.3	12.3	18.5





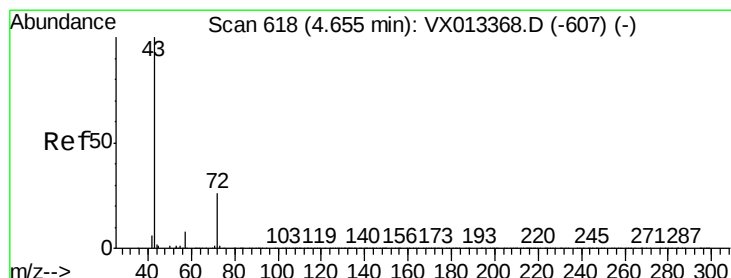
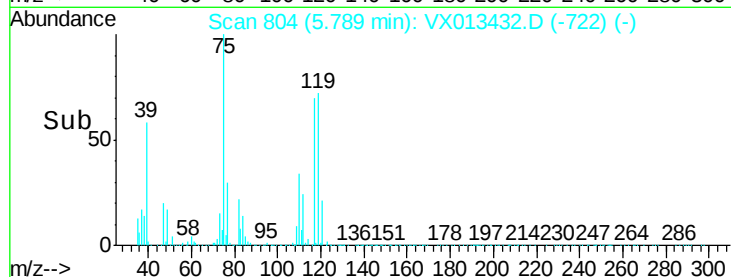
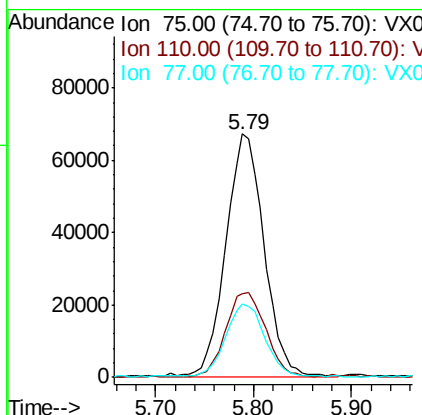
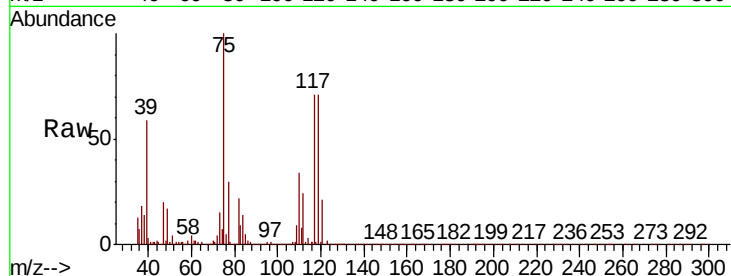
#29
 1,1-Dichloropropene
 Concen: 18.795 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013432.D
 Acq: 14 Nov 2019 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:	75	Resp:	180511
Ion Ratio	Lower	Upper	
75	100		
110	36.8	0.0	74.6
77	31.2	0.0	62.6

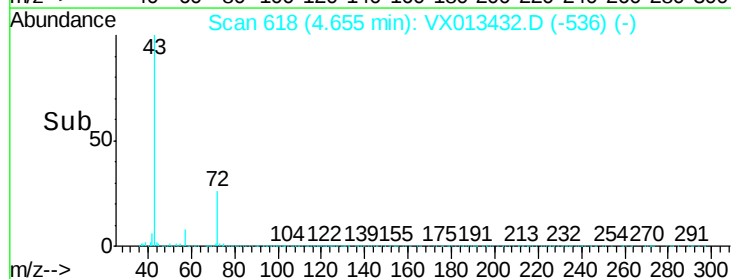
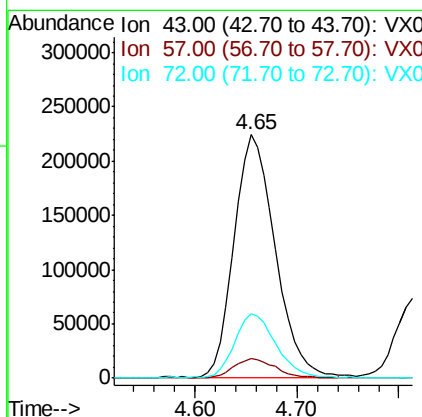
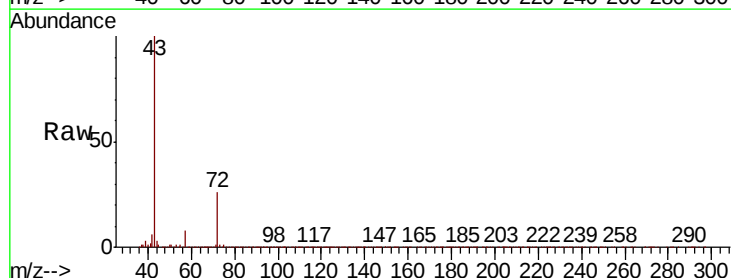
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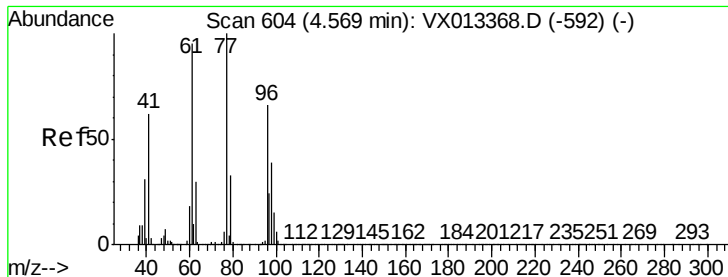
MMDadoda
 11/15/2019 9:21:37 AM



#30
 2-Butanone
 Concen: 98.596 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX013432.D
 Acq: 14 Nov 2019 19:40

Tgt Ion:	43	Resp:	625035
Ion Ratio	Lower	Upper	
43	100		
57	8.2	6.1	9.1
72	25.8	20.5	30.7





#31

2,2-Dichloropropane

Concen: 18.156 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 188849

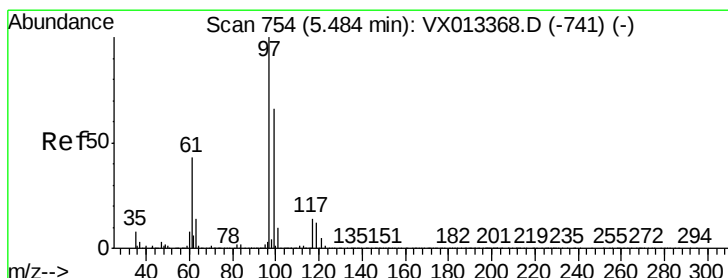
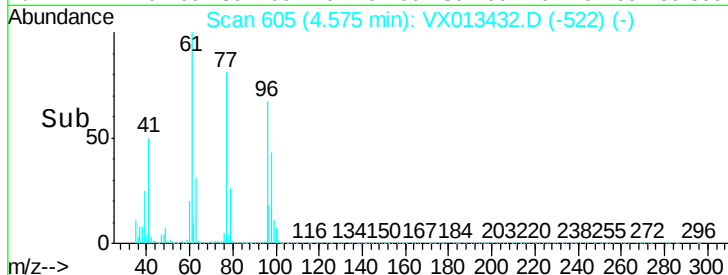
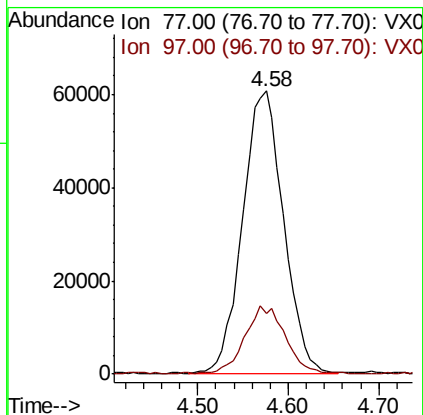
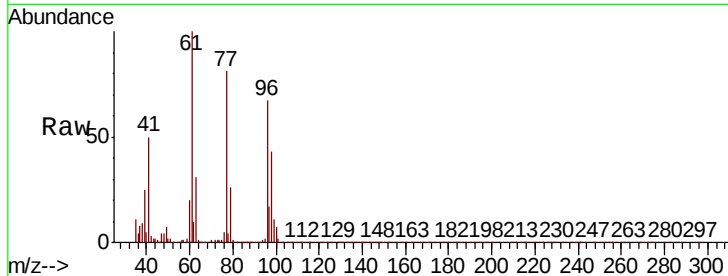
Ion Ratio Lower Upper

77 100

97 22.9 19.2 28.8

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#32

1,1,1-Trichloroethane

Concen: 19.395 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

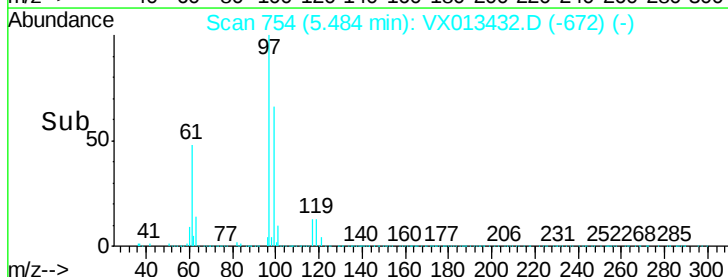
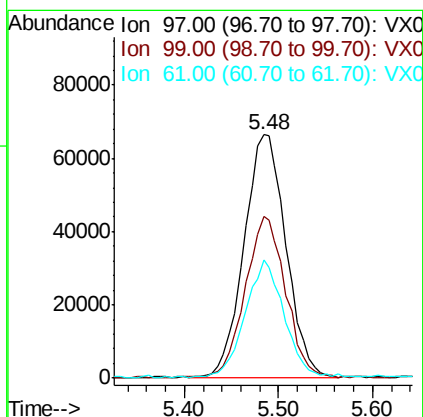
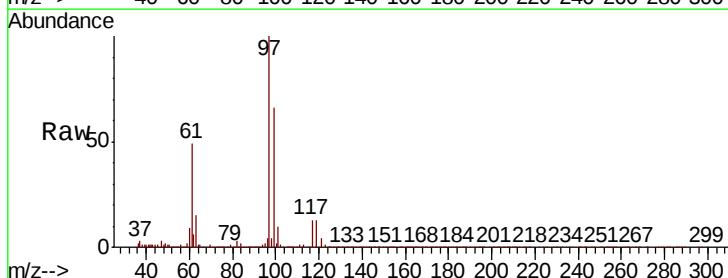
Tgt Ion: 97 Resp: 207041

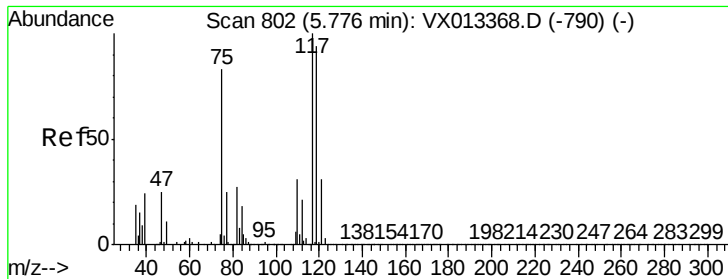
Ion Ratio Lower Upper

97 100

99 63.6 52.5 78.7

61 44.8 36.1 54.1





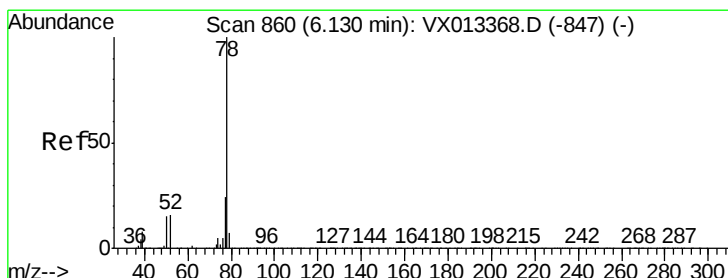
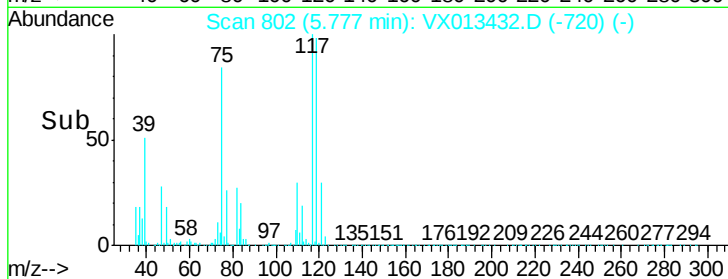
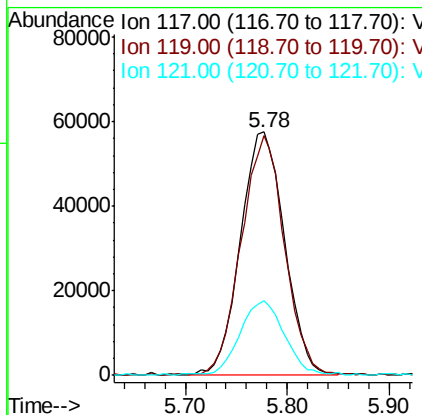
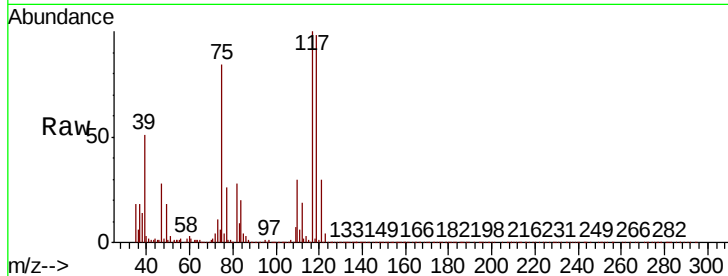
#33
Carbon Tetrachloride
Concen: 18.470 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.0	112.6
121	29.9	24.9	37.3

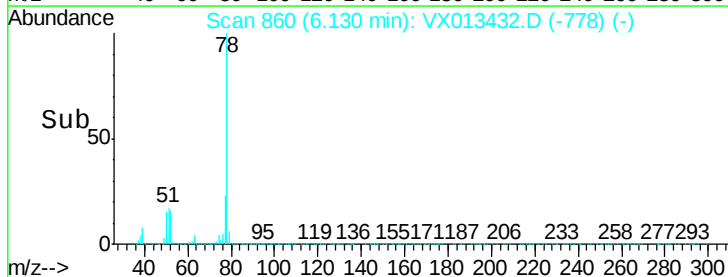
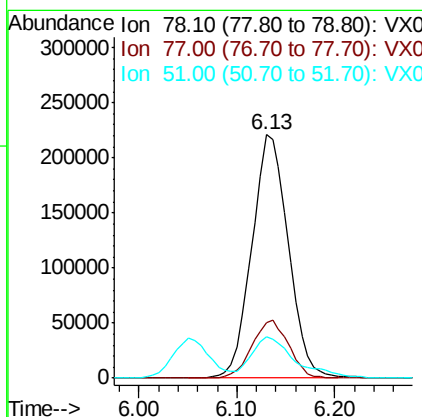
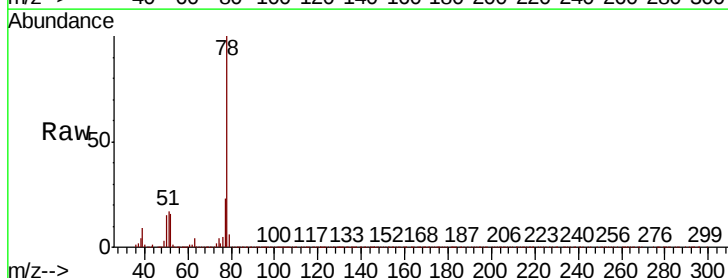
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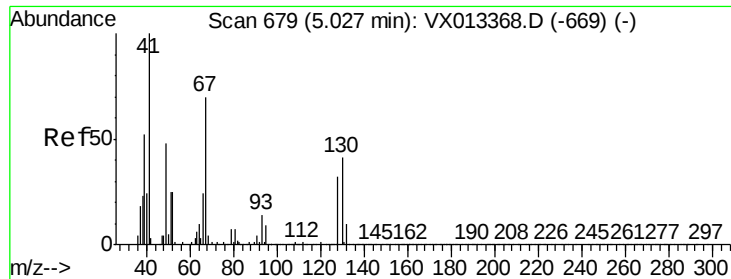
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#34
Benzene
Concen: 19.645 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.3	28.9
51	15.4	12.2	18.4





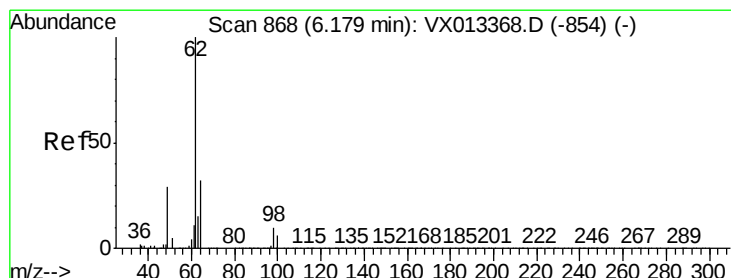
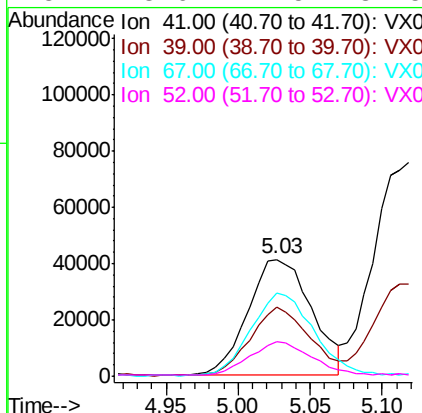
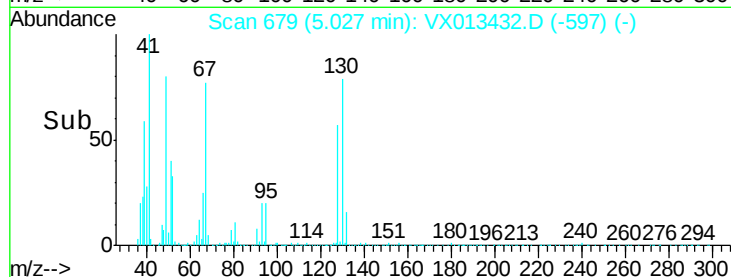
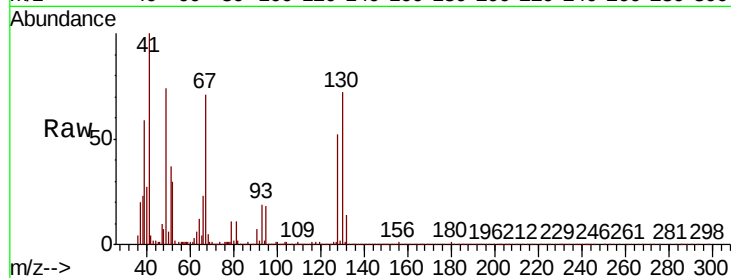
#35
Methacrylonitrile
Concen: 19.827 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.2	25.9	77.8
67	70.3	35.1	105.5
52	28.6	12.5	37.5

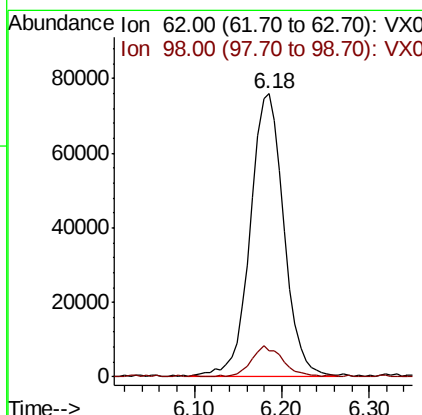
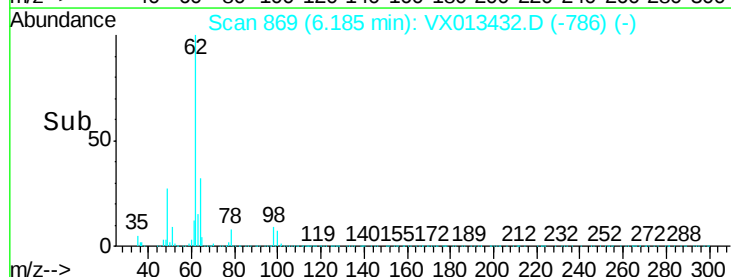
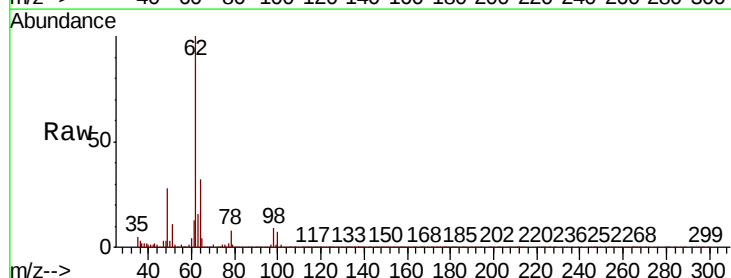
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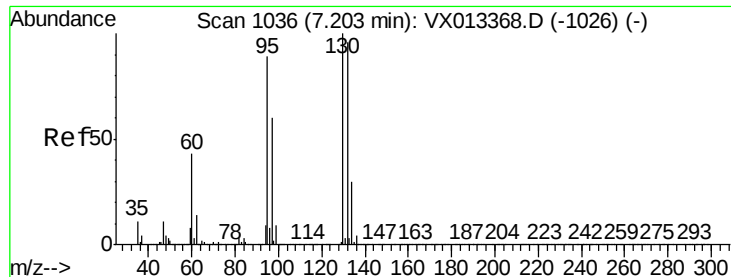
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#36
1,2-Dichloroethane
Concen: 19.783 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	8.2	12.2





#37

Trichloroethene

Concen: 19.531 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 152426

Ion Ratio Lower Upper

130 100

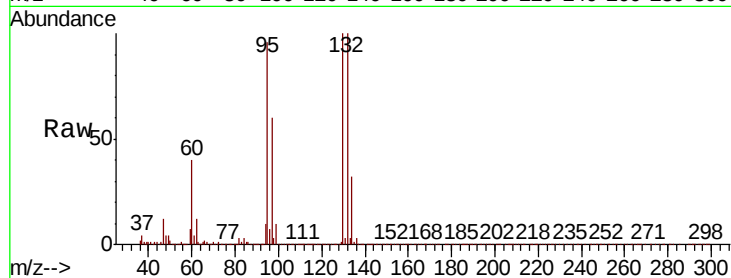
95 95.7 71.3 106.9

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

80000

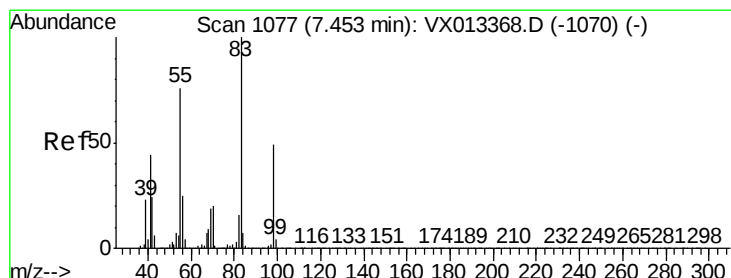
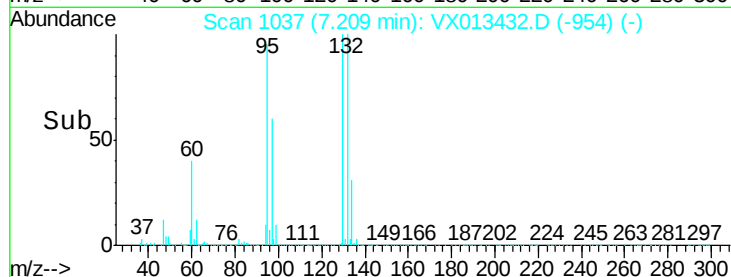
60000

40000

20000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 18.080 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

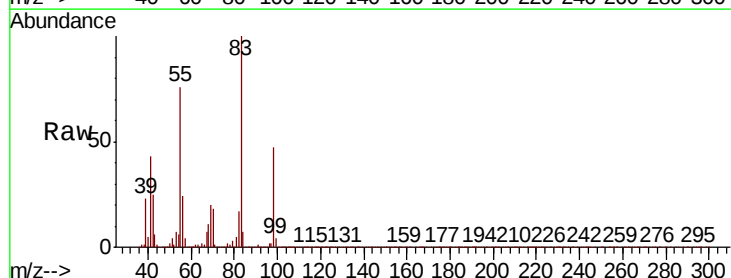
Tgt Ion: 83 Resp: 212922

Ion Ratio Lower Upper

83 100

55 76.6 37.9 113.7

98 49.0 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

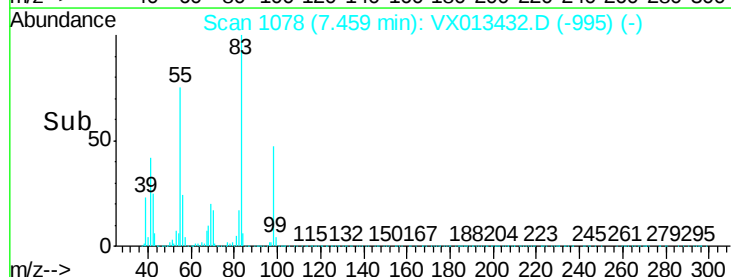
7.46

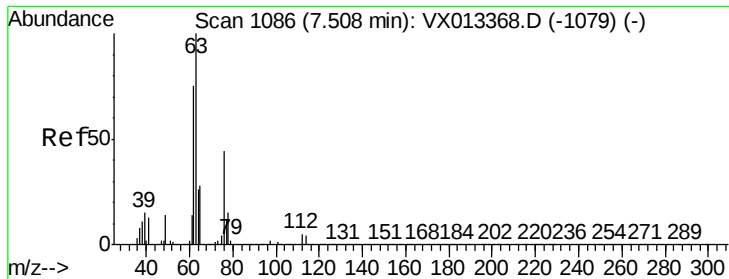
100000

50000

0

Time--> 7.35 7.40 7.45 7.50 7.55





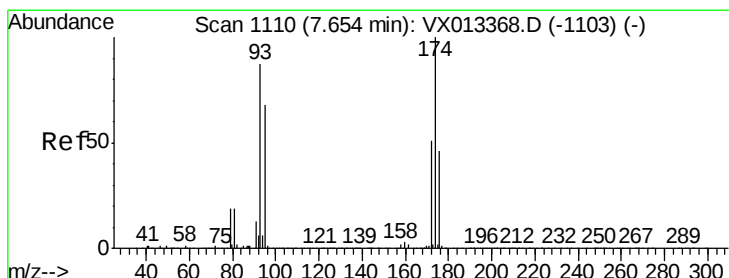
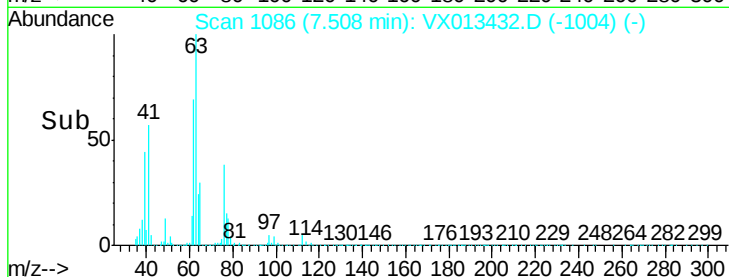
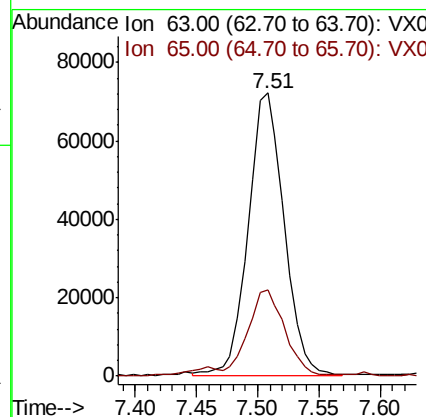
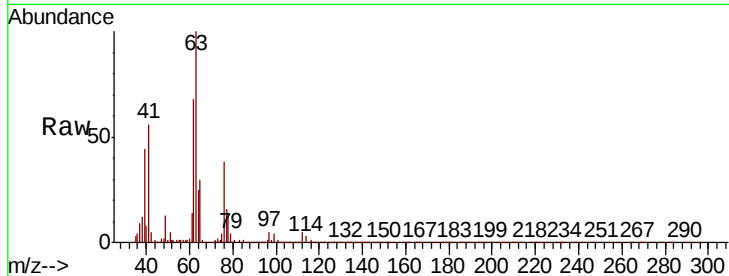
#39
 1,2-Dichloropropane
 Concen: 19.670 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013432.D
 Acq: 14 Nov 2019 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	23.8	35.8

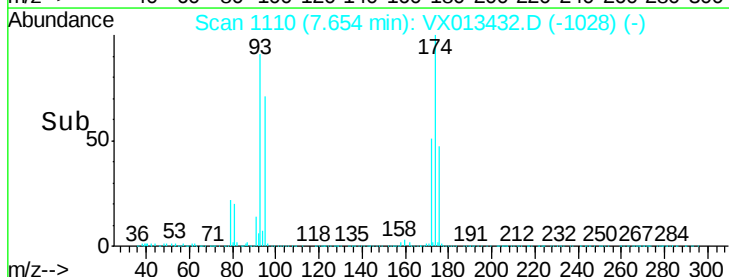
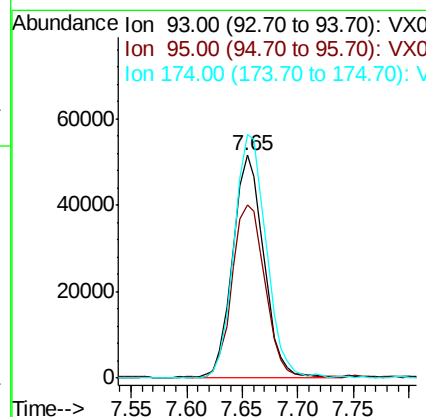
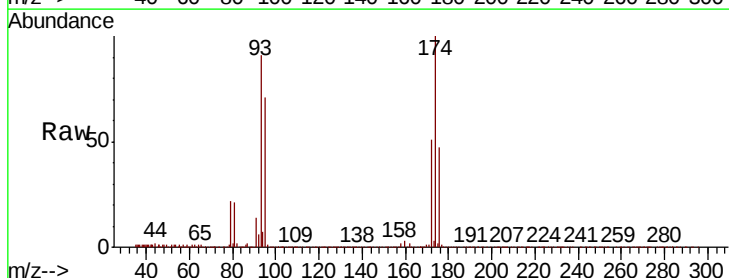
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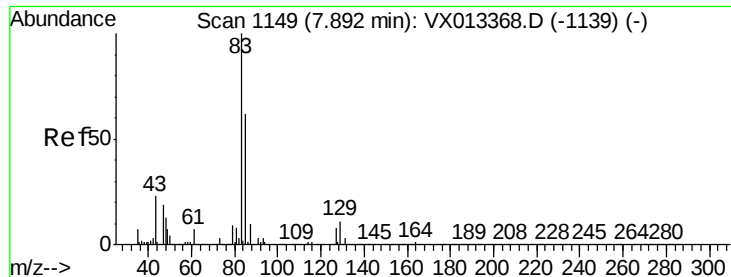
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 11/15/2019 9:21:37 AM



#40
 Dibromomethane
 Concen: 20.066 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013432.D
 Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.2	0.0	160.8
174	112.1	0.0	228.8





#41

Bromodichloromethane

Concen: 18.839 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Instrument :

MSVOA_X

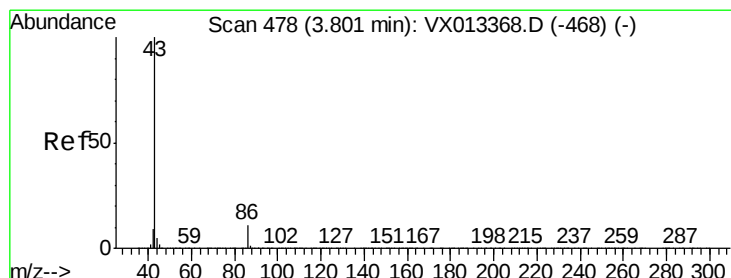
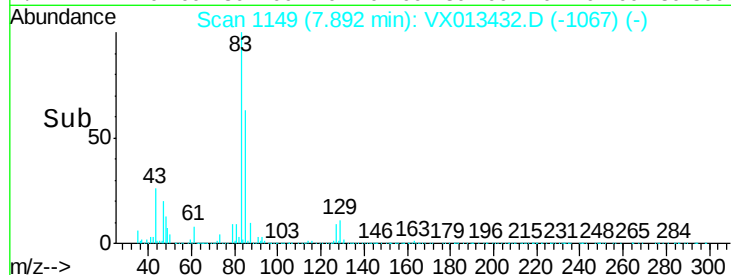
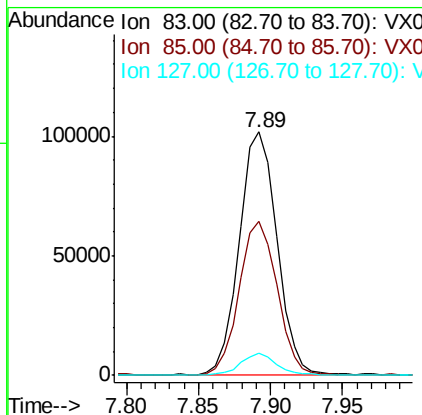
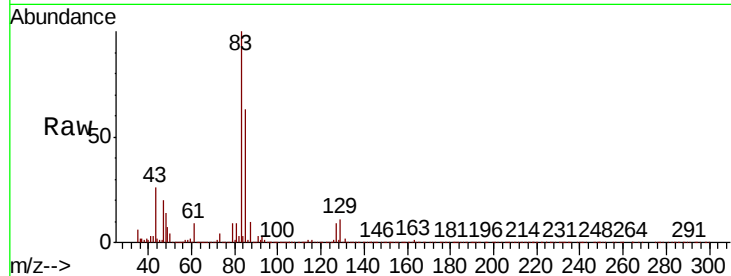
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	184358
Ion Ratio	Lower	Upper	
83	100		
85	63.5	49.3	73.9
127	8.9	6.6	10.0

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#42

Vinyl Acetate

Concen: 97.567 ug/l

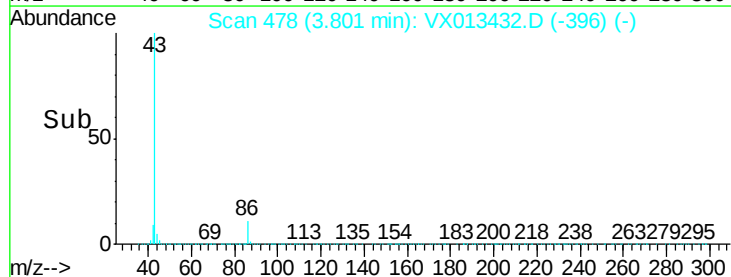
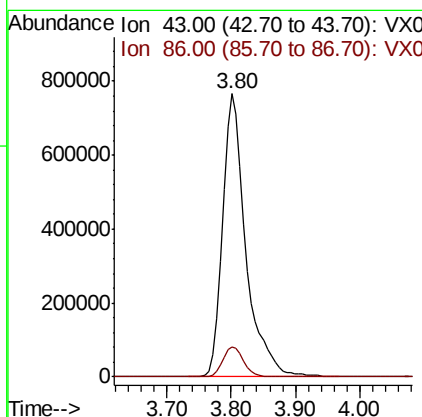
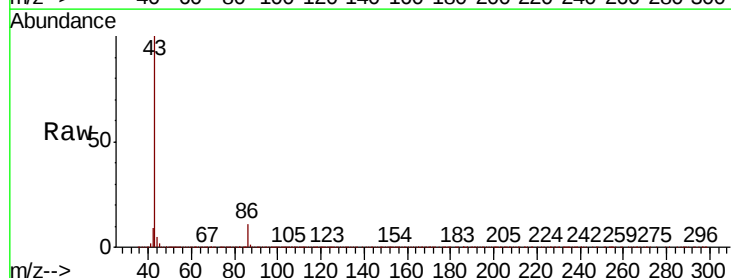
RT: 3.80 min Scan# 478

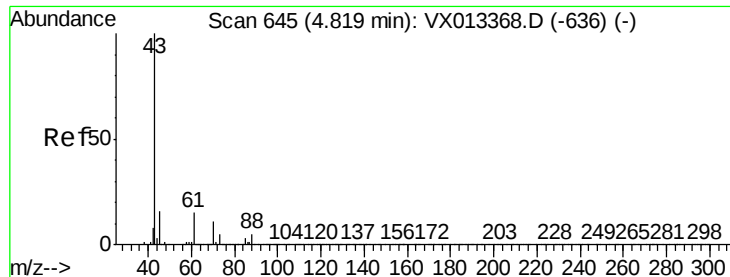
Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Tgt Ion:	43	Resp:	1947321
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.6	11.4





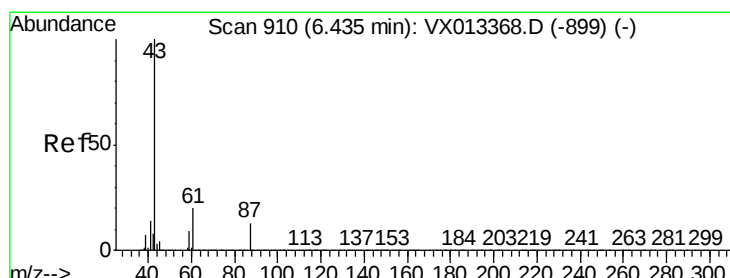
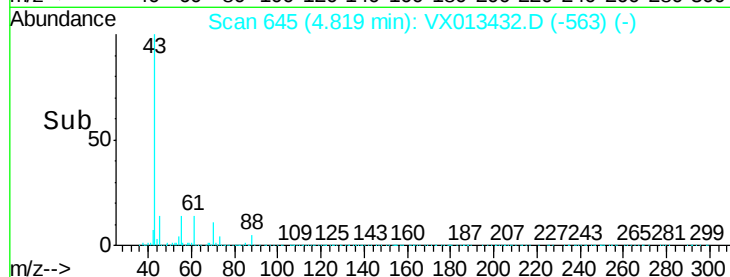
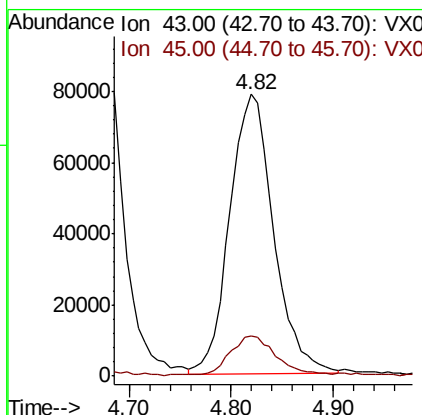
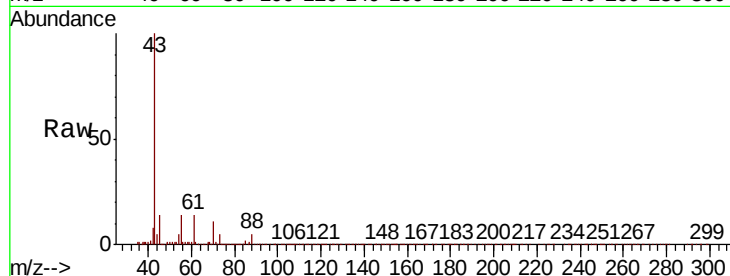
#43
Ethyl Acetate
Concen: 20.372 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.1	10.9	16.3

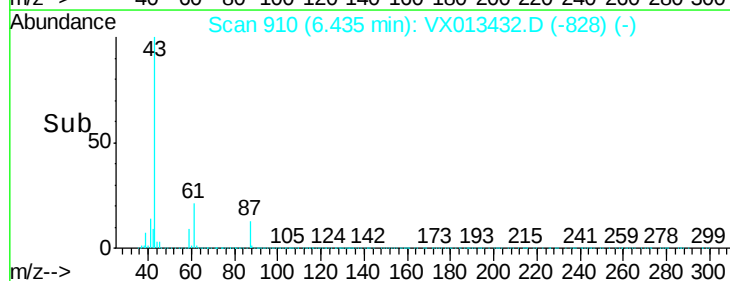
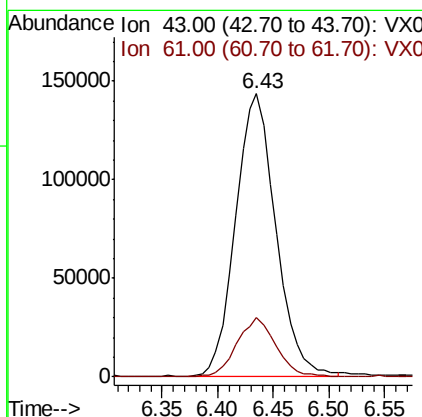
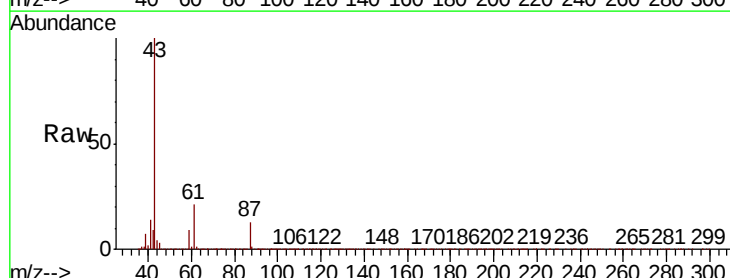
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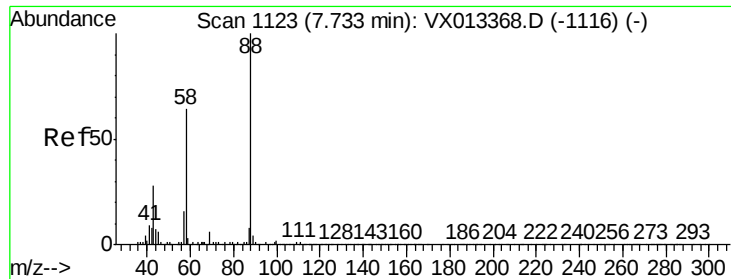
MMDadoda
11/15/2019 9:21:37 AM



#44
Isopropyl Acetate
Concen: 19.227 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.8	23.8





#45

1,4-Dioxane

Concen: 404.977 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Instrument :

MSVOA_X

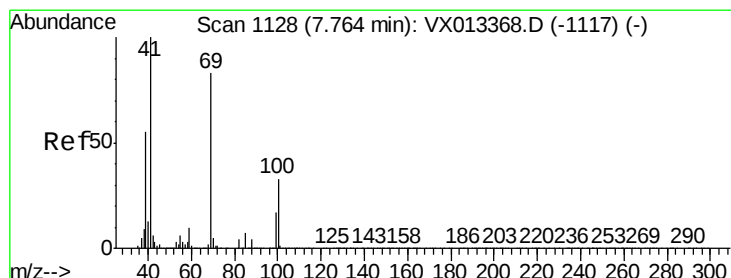
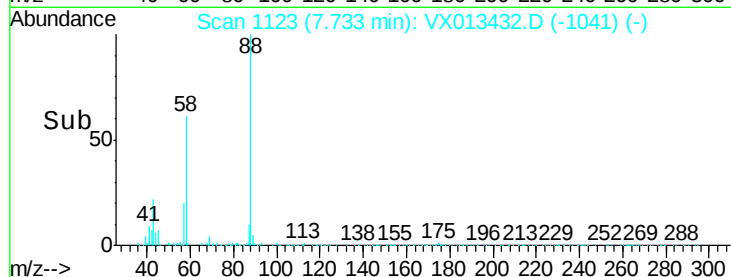
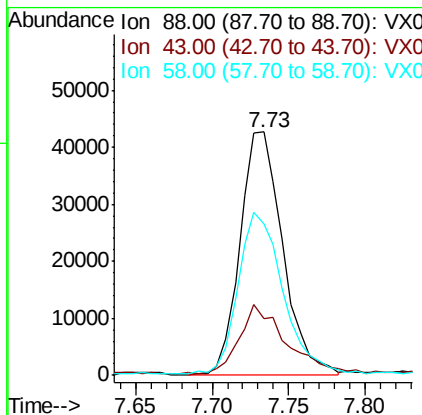
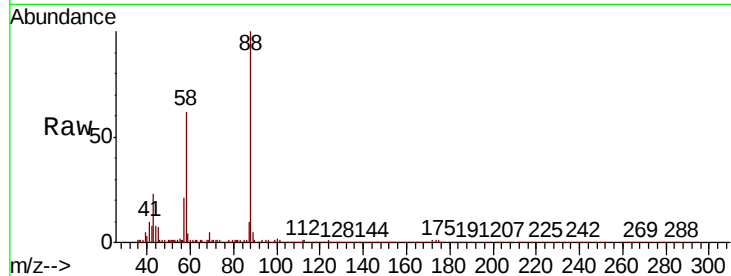
ClientSampleId :

VSTDCCC020EC

Tot Ion:	88	Resp:	83099
Ion	Ratio	Lower	Upper
88	100		
43	31.1	26.1	39.1
58	70.4	55.8	83.8

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#46

Methyl methacrylate

Concen: 19.375 ug/l

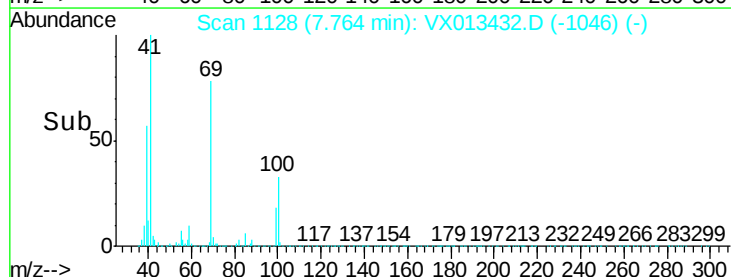
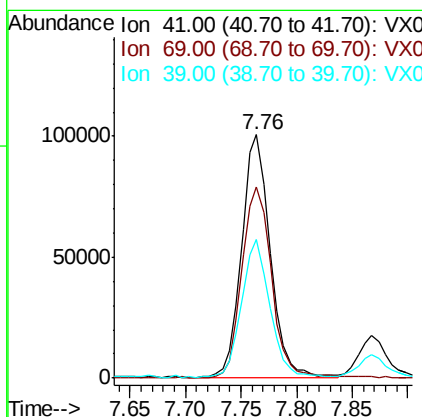
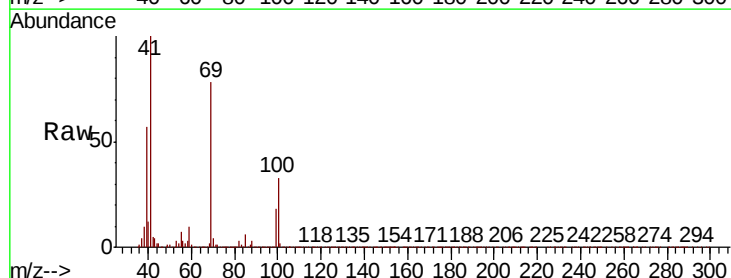
RT: 7.76 min Scan# 1128

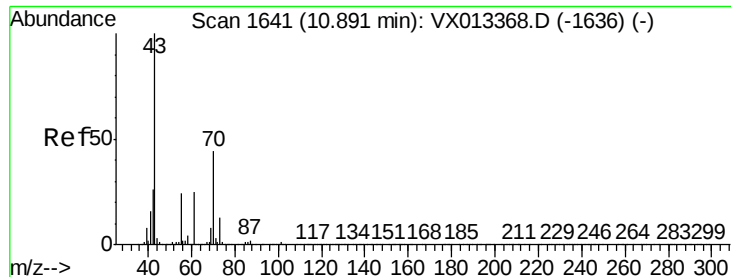
Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Tgt Ion:	41	Resp:	179118
Ion	Ratio	Lower	Upper
41	100		
69	78.1	41.4	124.4
39	56.6	27.9	83.6





#47

n-amvl Acetate

Concen: 18.439 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 300600

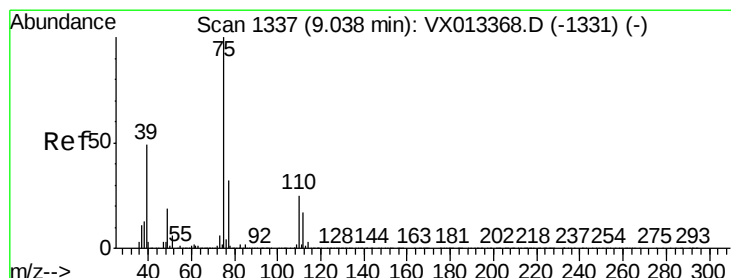
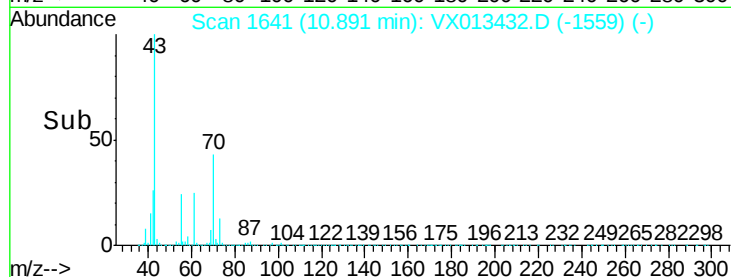
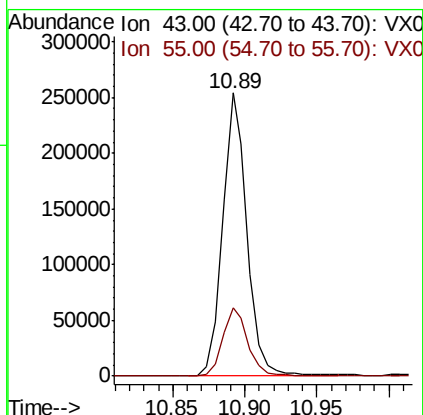
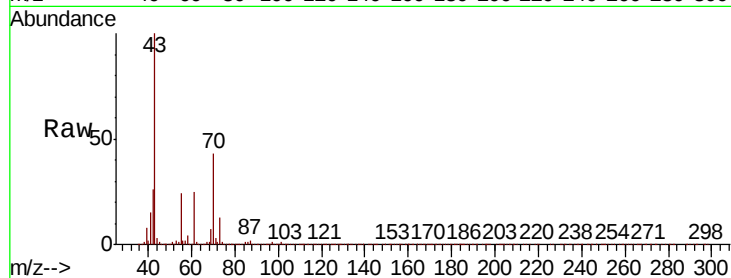
Ion Ratio Lower Upper

43 100

55 24.8 19.0 28.4

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#48

t-1,3-Dichloropropene

Concen: 17.882 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013432.D

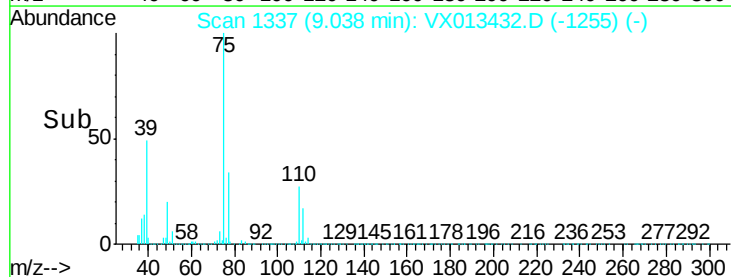
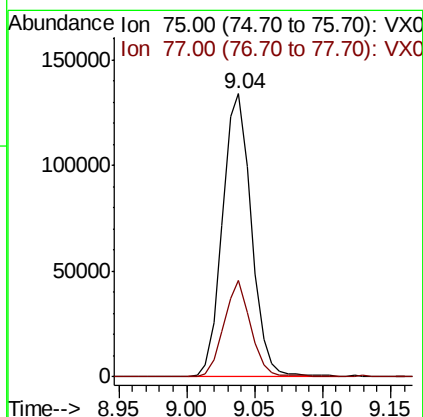
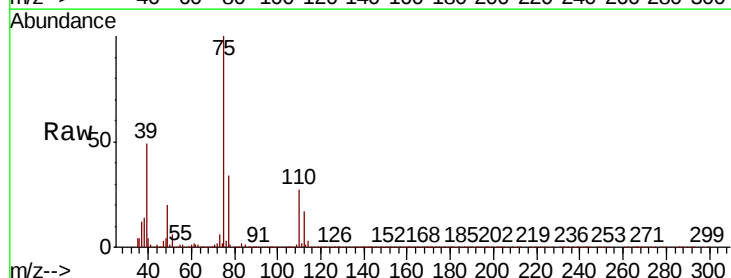
Acq: 14 Nov 2019 19:40

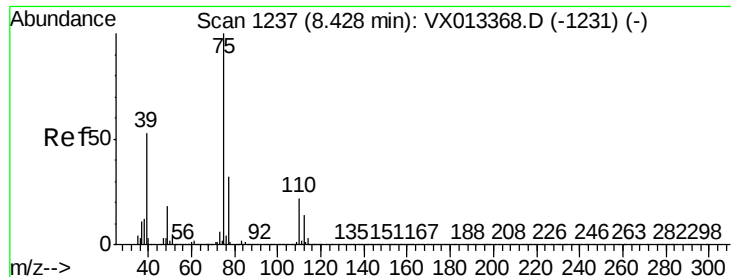
Tgt Ion: 75 Resp: 196223

Ion Ratio Lower Upper

75 100

77 34.2 25.3 37.9





#49

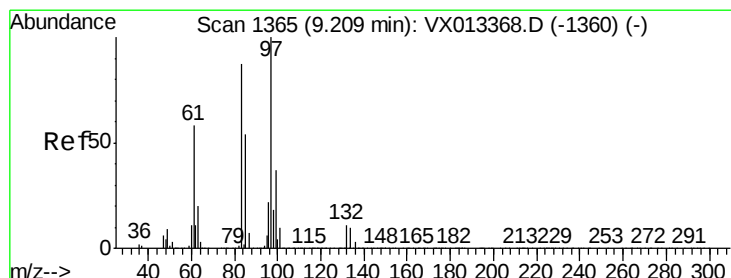
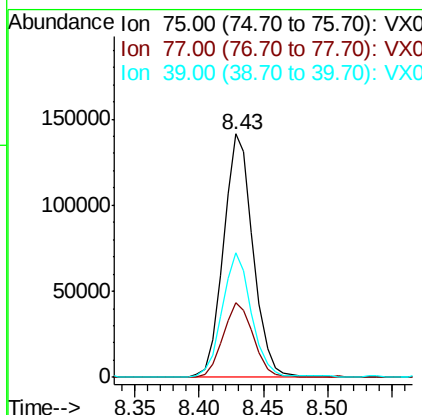
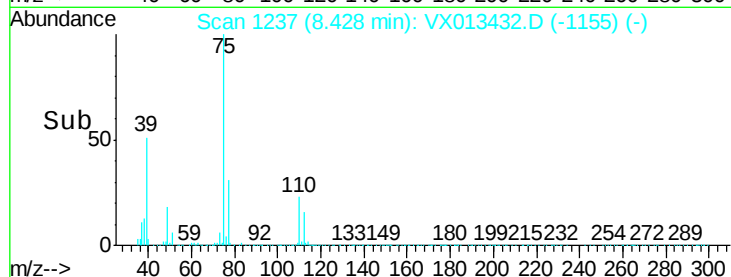
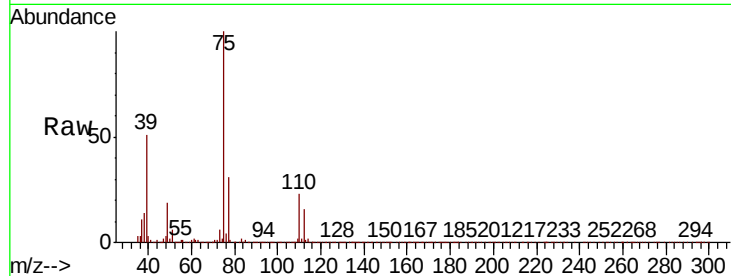
cis-1,3-Dichloropropene
Concen: 18.881 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.8	38.8
39	51.0	42.2	63.4

Manual Integrations
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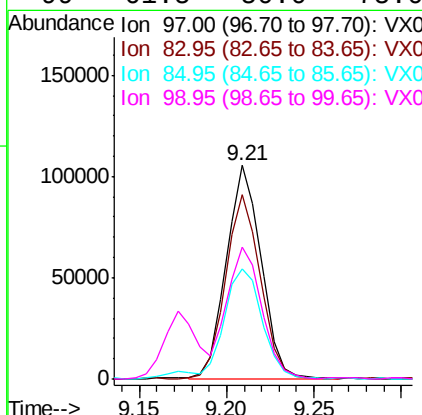
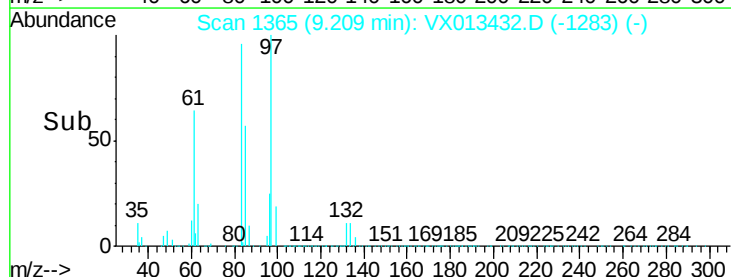
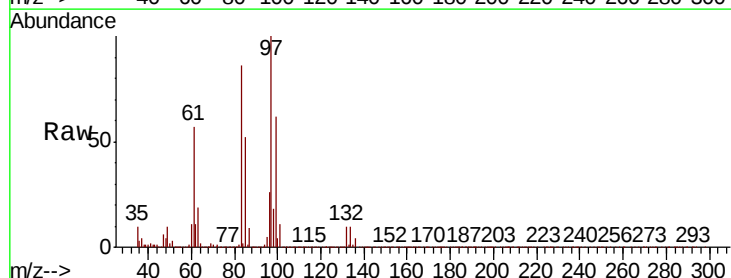
MMDadoda
11/15/2019 9:21:37 AM

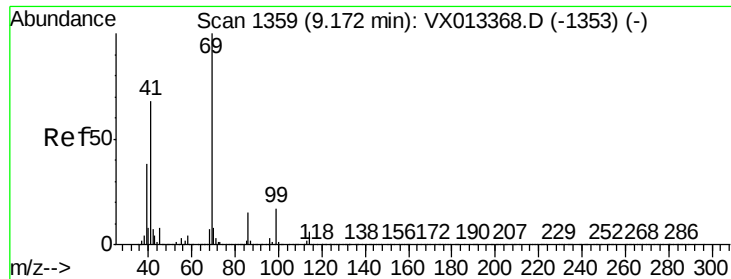


#50

1,1,2-Trichloroethane
Concen: 19.715 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.6	104.4
85	51.4	45.5	68.3
99	61.5	50.0	75.0





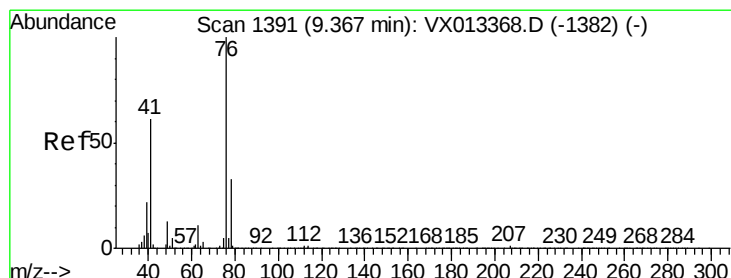
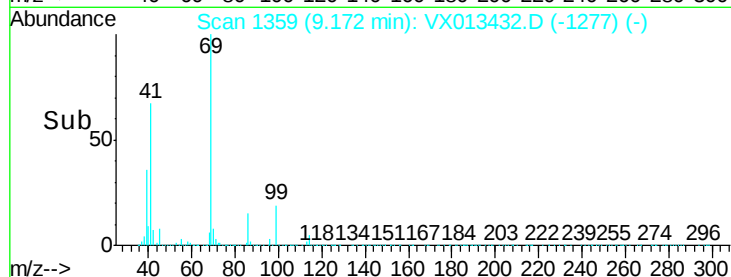
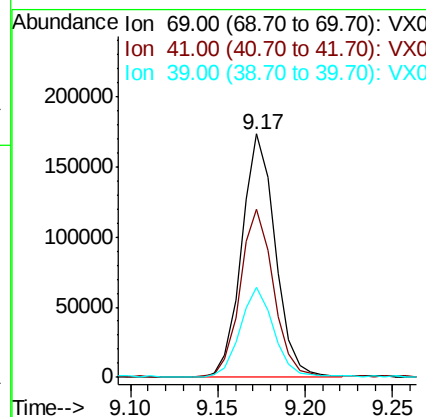
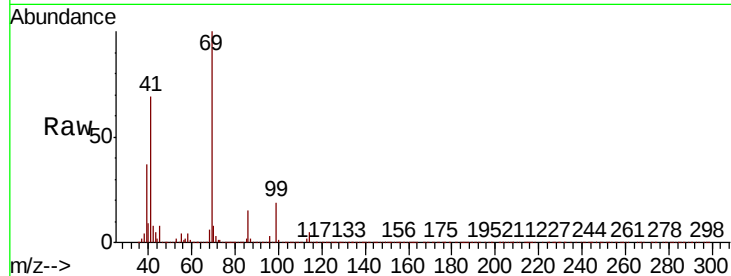
#51
Ethyl methacrylate
Concen: 18.927 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	69	Resp:	231164
Ion Ratio	Lower	Upper	
69	100		
41	68.7	33.9	101.6
39	36.4	18.8	56.4

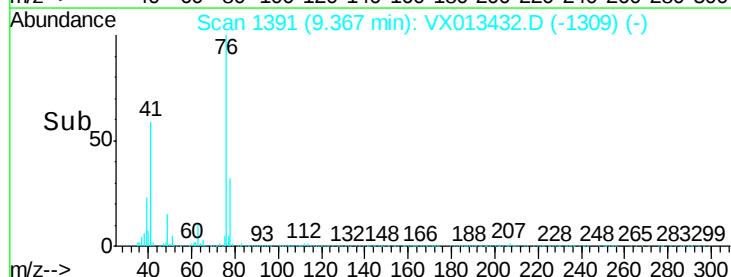
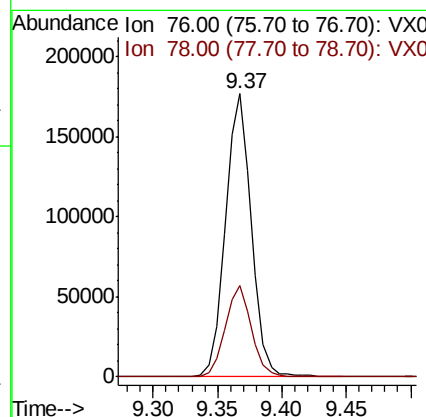
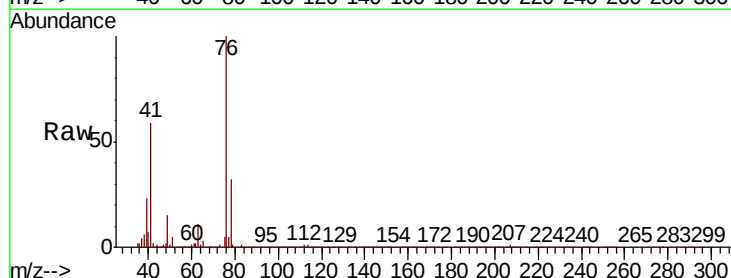
Manual Integrations
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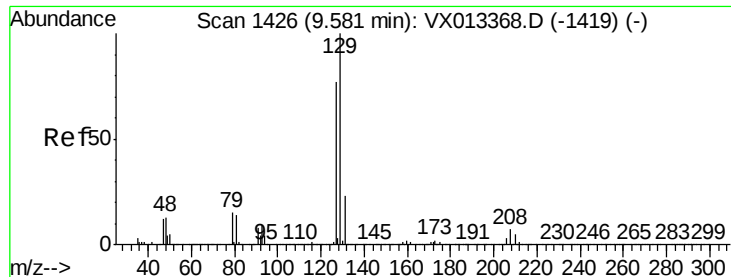
MMDadoda
11/15/2019 9:21:37 AM



#52
1,3-Dichloropropane
Concen: 19.655 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion:	76	Resp:	249256
Ion Ratio	Lower	Upper	
76	100		
78	32.1	0.0	63.6





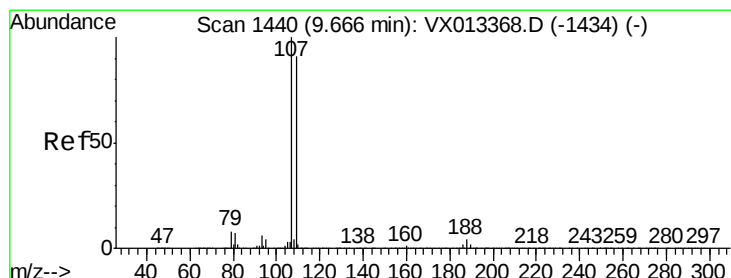
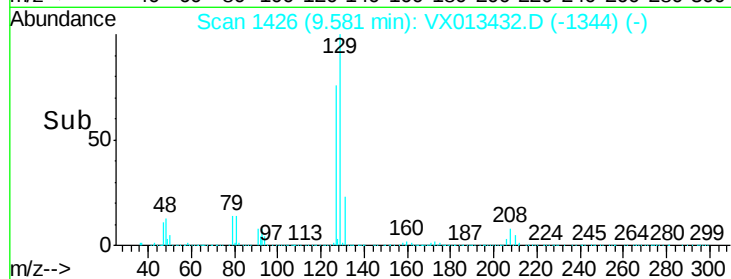
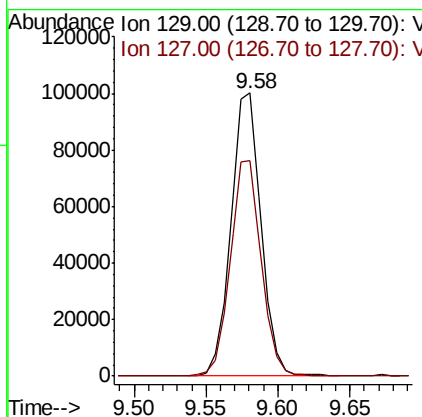
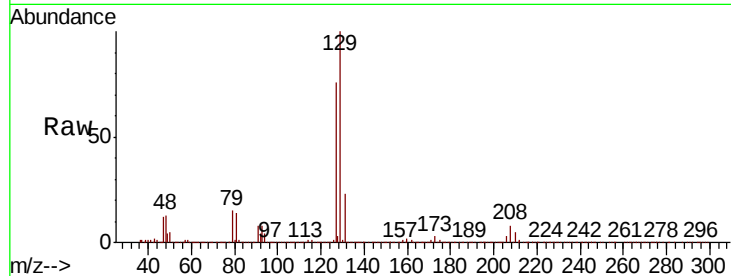
#53
Dibromochloromethane
Concen: 18.561 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.6	119.0

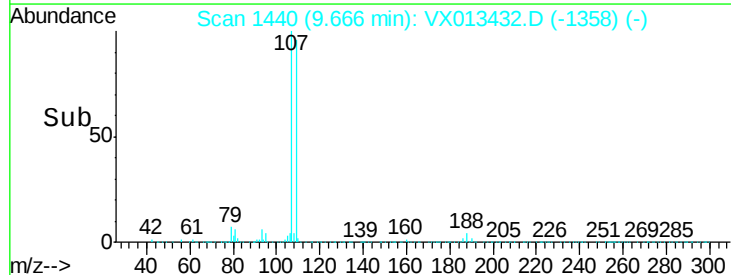
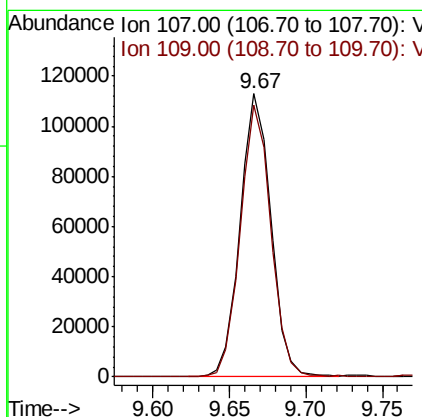
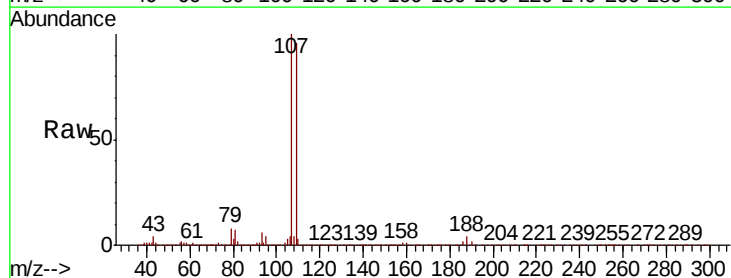
Manual Integrations
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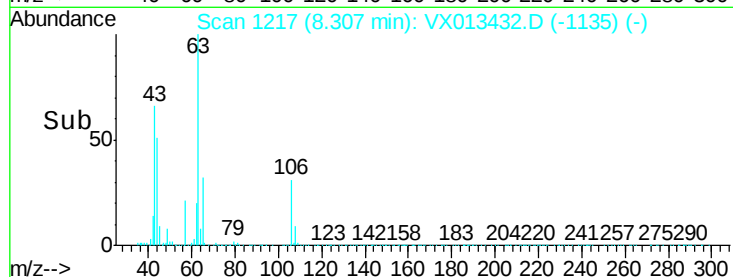
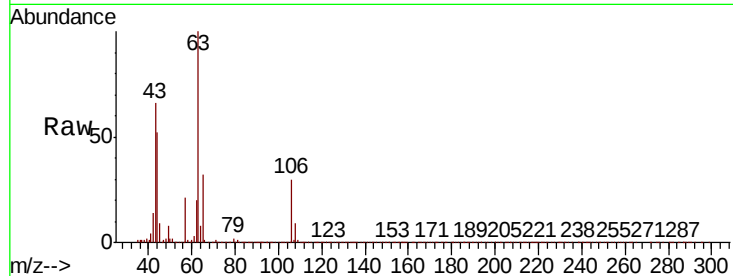
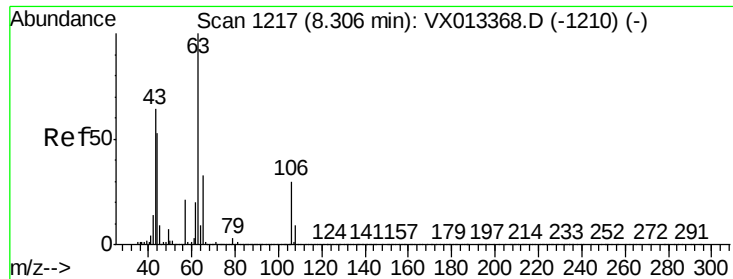
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#54
1,2-Dibromoethane
Concen: 19.929 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.0	73.9	110.9





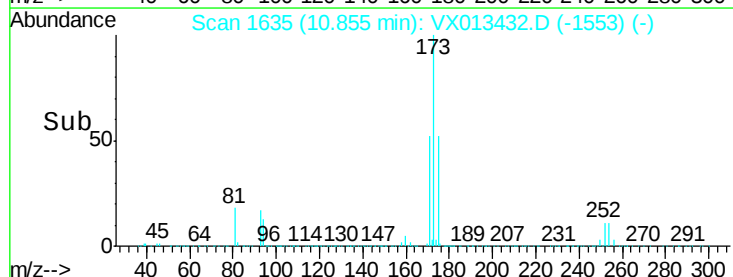
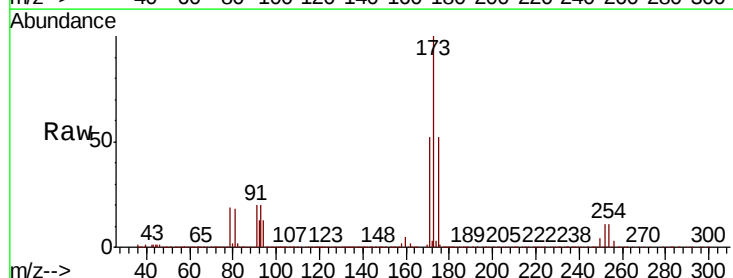
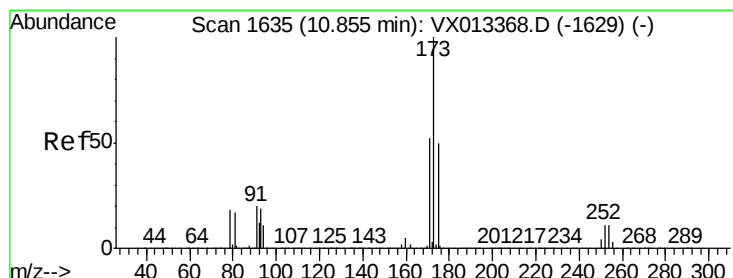
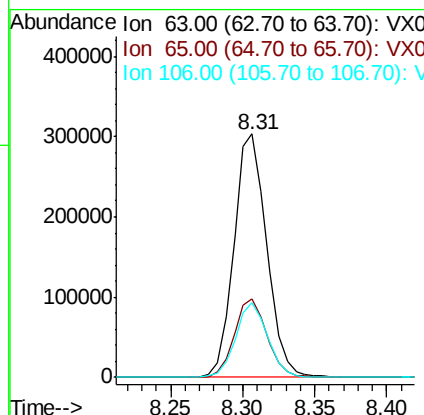
#55
2-Chloroethyl vinyl ether
Concen: 92.046 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	26.0	39.0
106	30.0	23.5	35.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

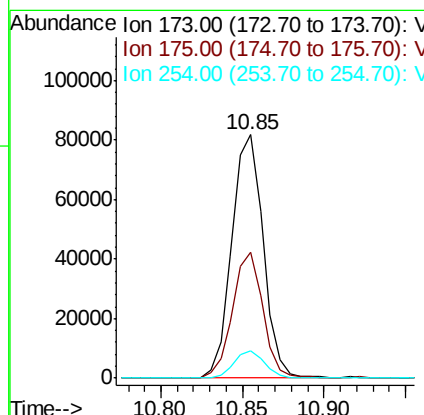
Manual Integrations
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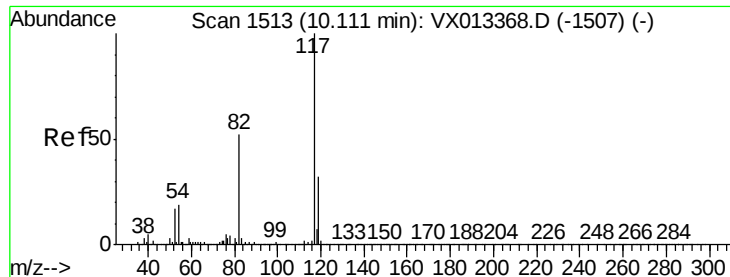
MMDadoda
11/15/2019 9:21:37 AM



#56
Bromoform
Concen: 17.502 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.1	39.4	59.0
254	11.1	8.6	12.8





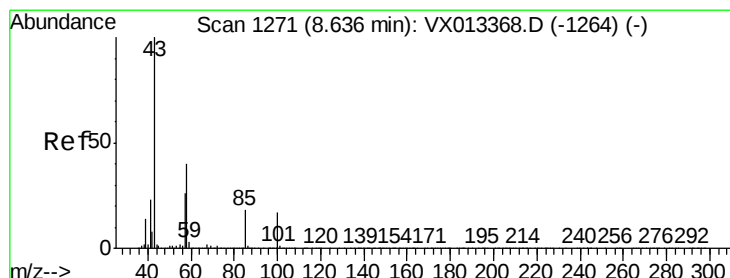
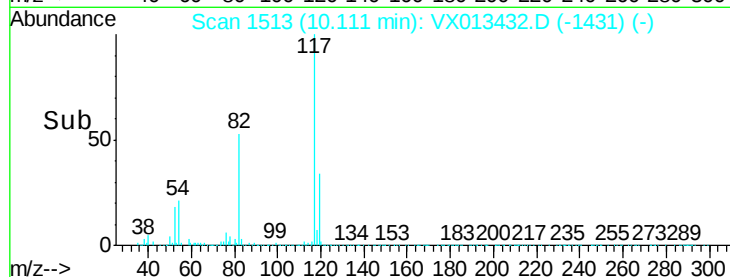
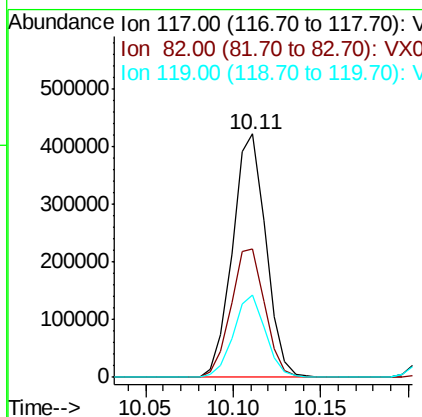
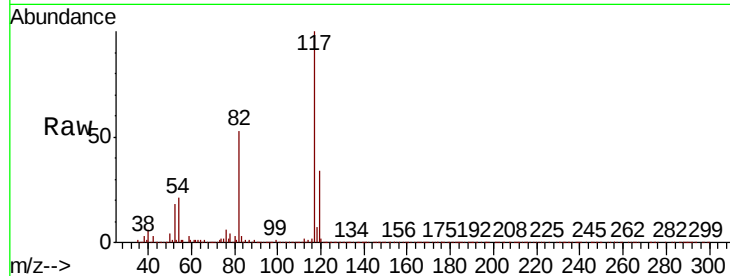
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.7	65.5
119	32.6	25.5	38.3

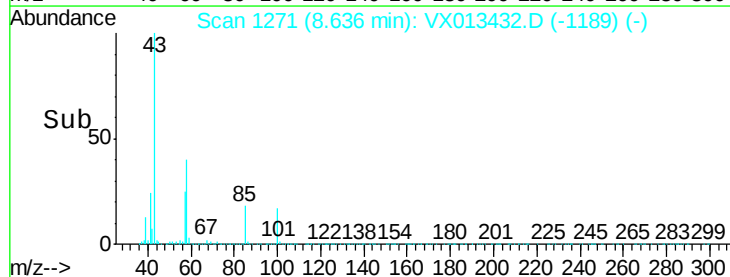
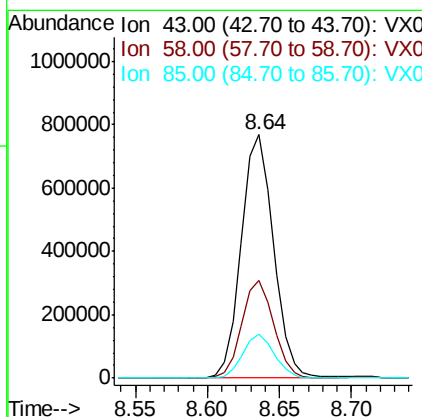
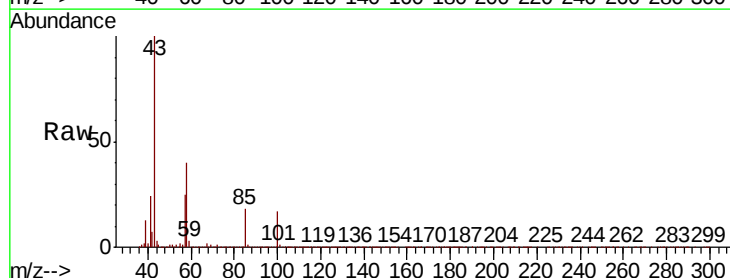
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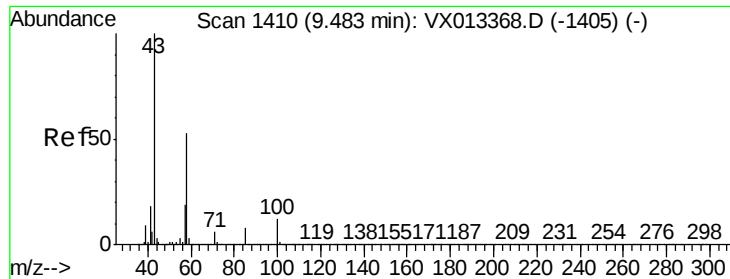
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#58
4-Methyl-2-Pentanone
Concen: 102.523 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.6	47.4
85	17.6	14.2	21.2





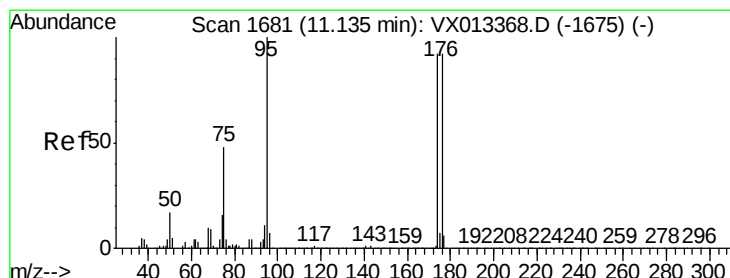
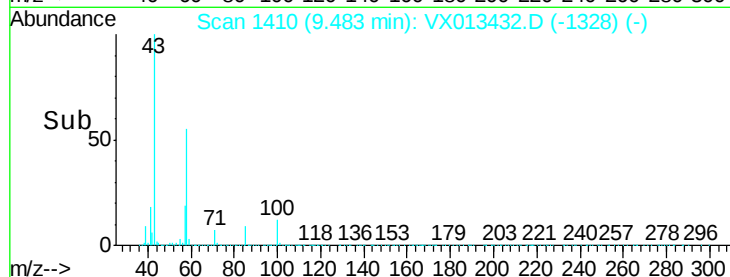
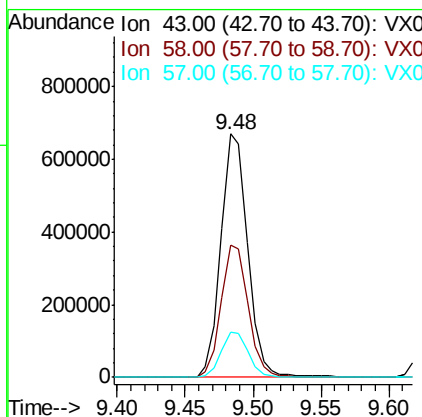
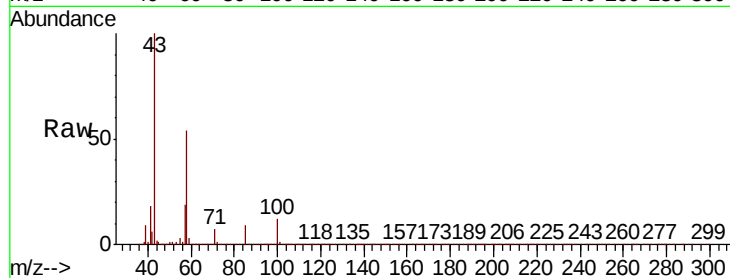
#59
2-Hexanone
Concen: 99.169 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.5	43.8	65.6
57	18.9	15.1	22.7

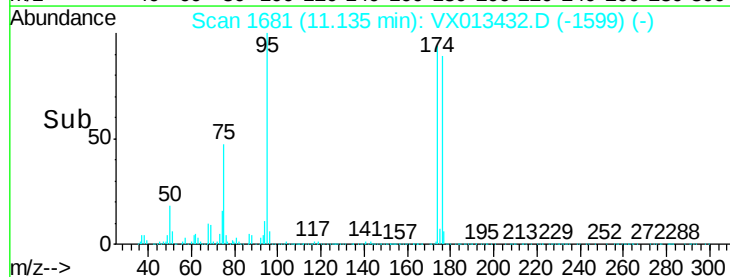
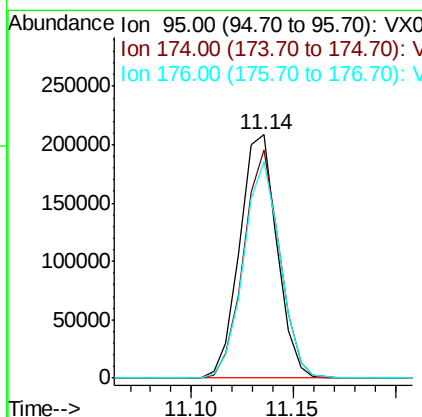
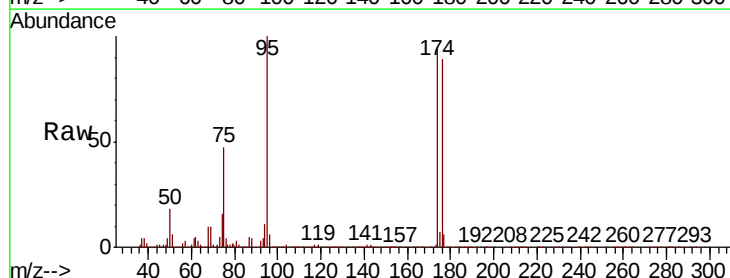
Manual Integrations
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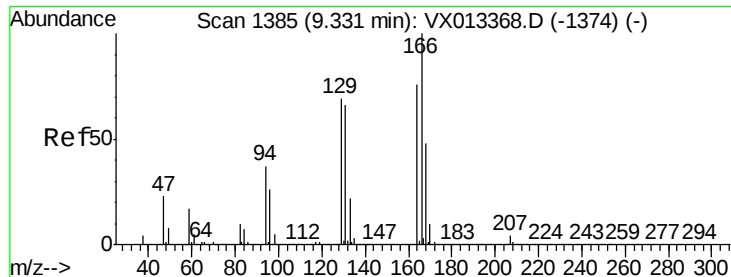
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#60
4-Bromofluorobenzene
Concen: 29.567 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.5	70.2	105.2
176	87.7	68.3	102.5





#61

Tetrachloroethene

Concen: 19.646 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Instrument :

MSVOA_X

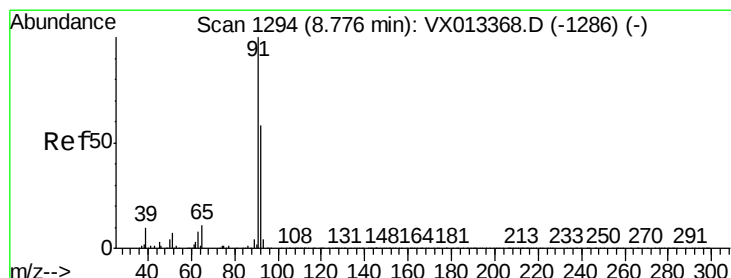
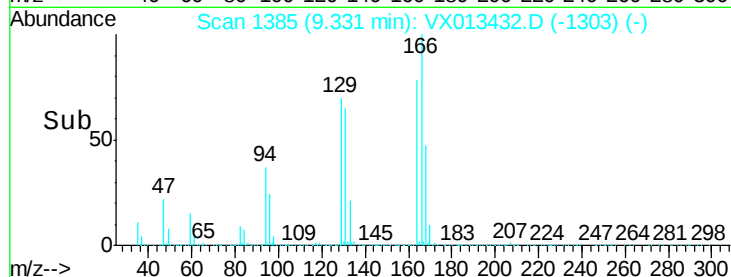
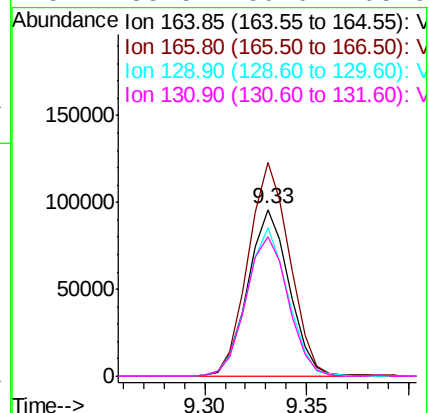
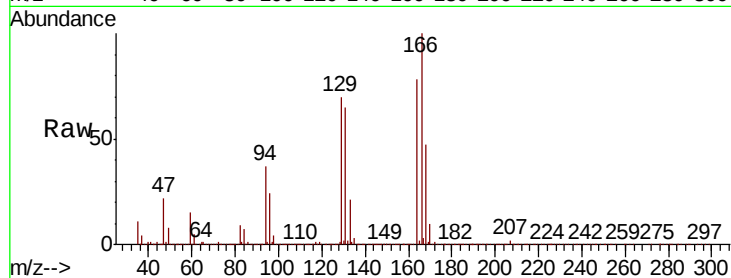
ClientSampleId :

VSTDCCC020EC

Tot Ion:	164	Resp:	135349
Ion Ratio	Lower	Upper	
164	100		
166	128.1	104.9	157.3
129	89.2	72.3	108.5
131	83.5	69.0	103.6

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#62

Toluene

Concen: 19.641 ug/l

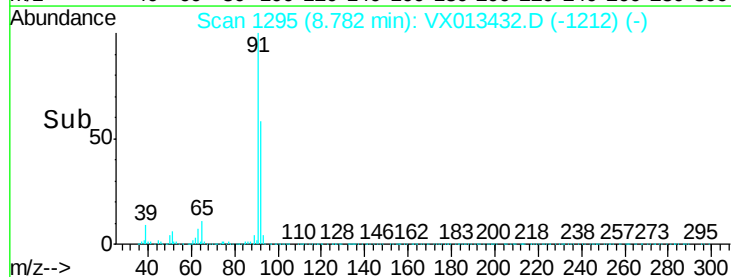
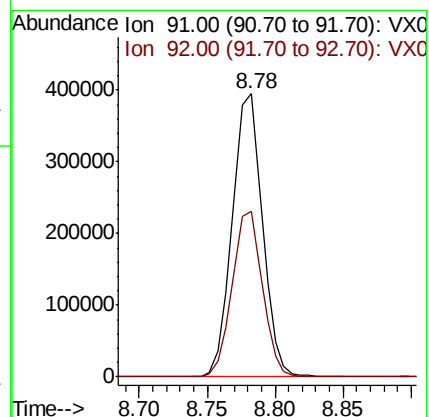
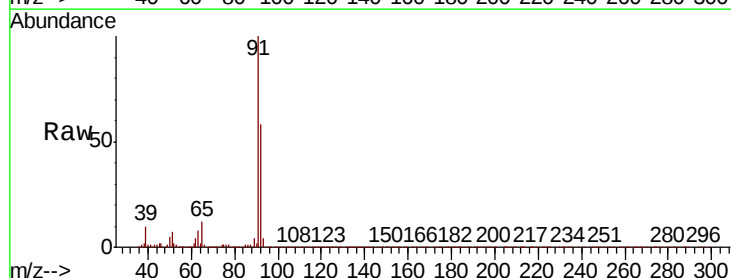
RT: 8.78 min Scan# 1295

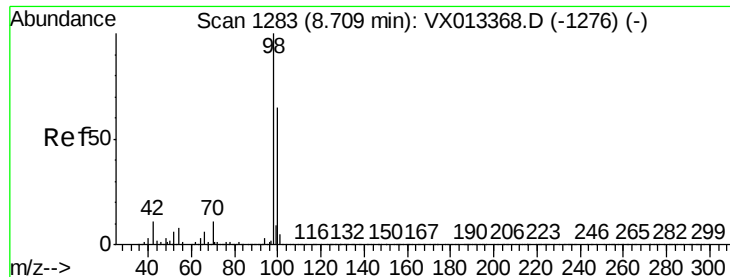
Delta R.T. 0.01 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Tgt Ion:	91	Resp:	611246
Ion Ratio	Lower	Upper	
91	100		
92	58.7	46.6	69.8





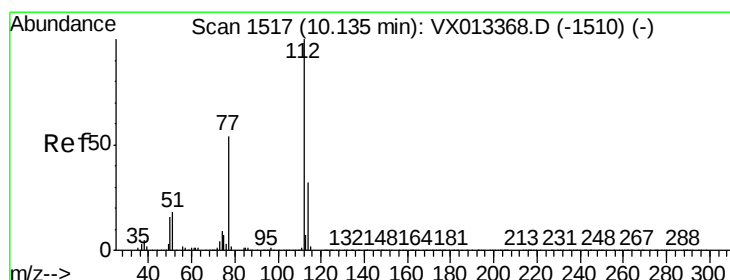
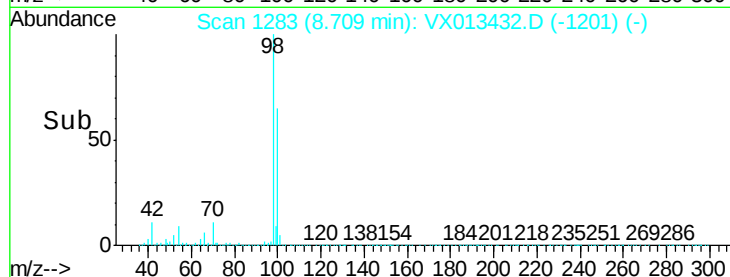
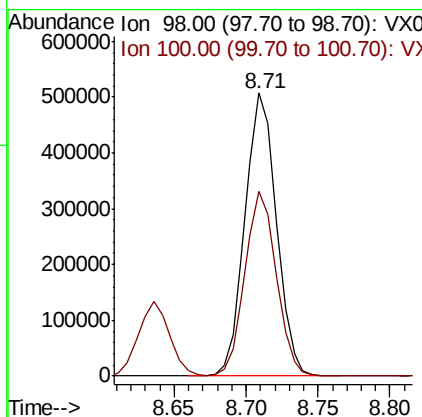
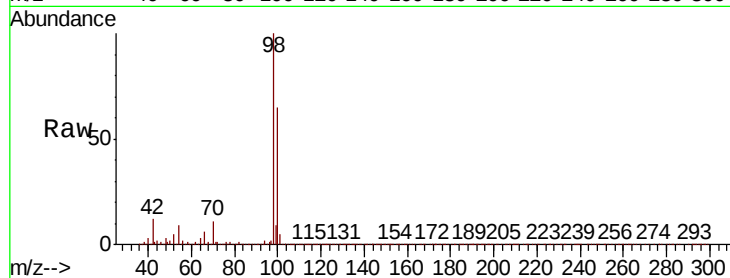
#63
Toluene-d8
Concen: 30.339 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.5	78.7

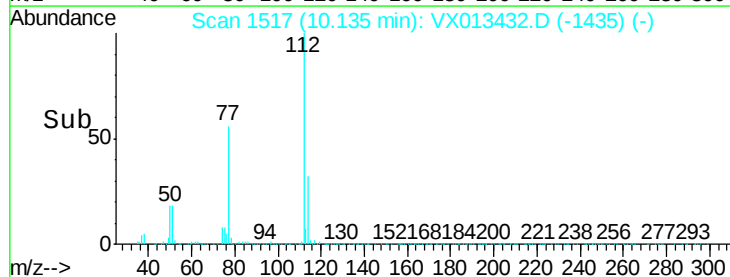
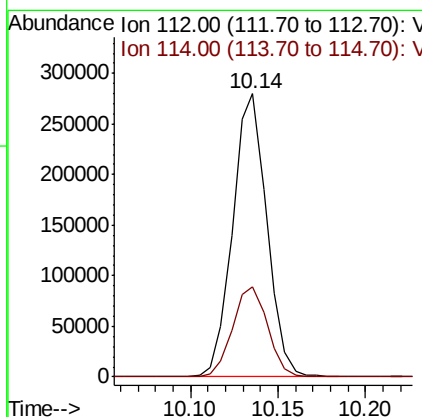
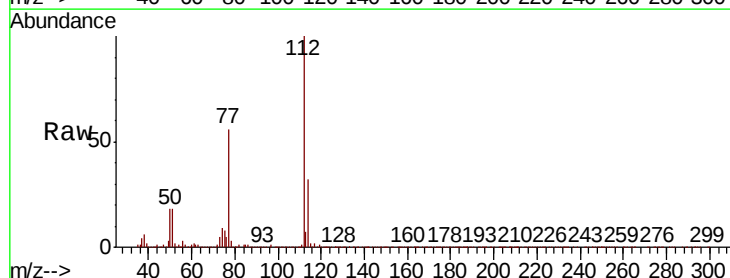
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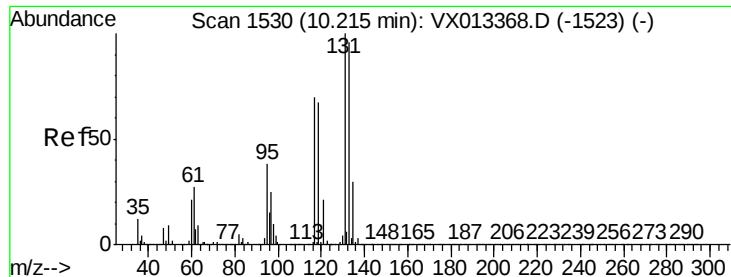
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#64
Chlorobenzene
Concen: 19.507 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.7	38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 19.312 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Instrument :

MSVOA_X

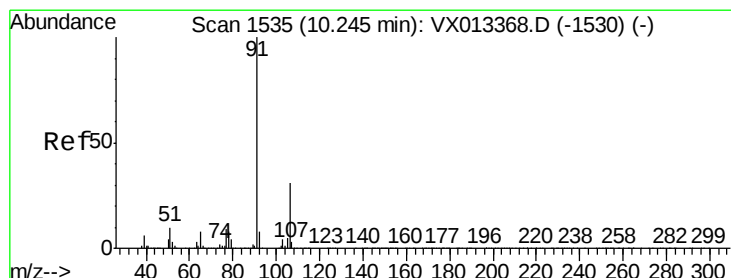
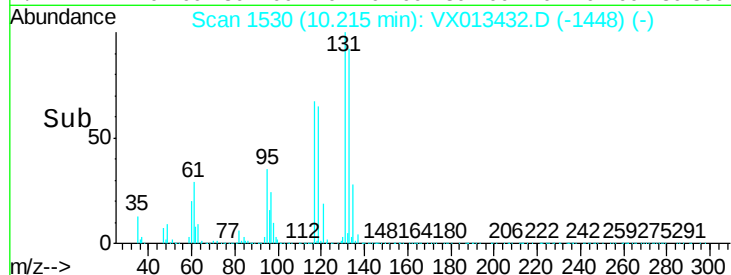
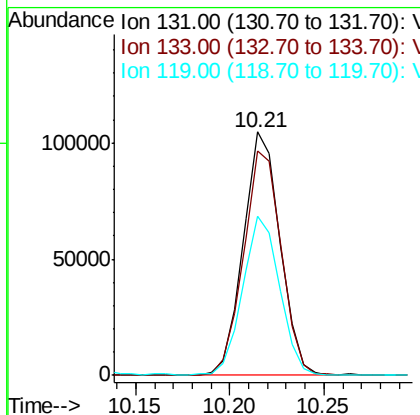
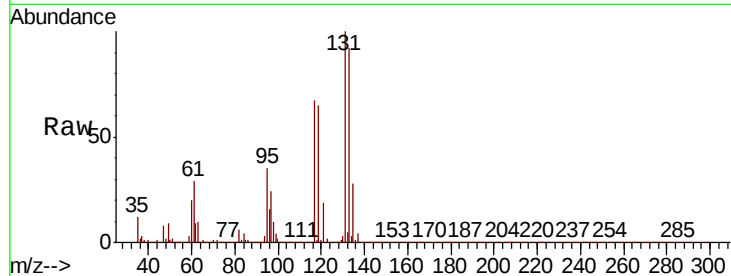
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	140664
Ion Ratio	Lower	Upper	
131	100		
133	94.8	0.0	192.2
119	66.0	0.0	134.4

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.312 ug/l

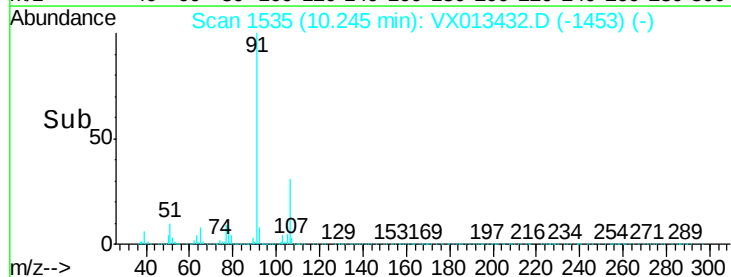
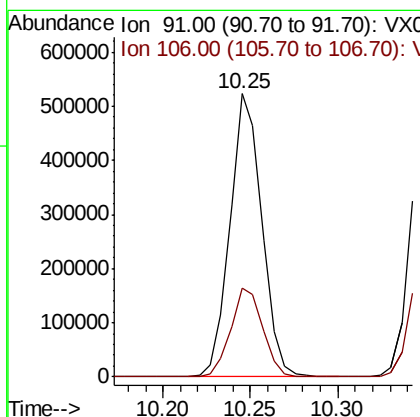
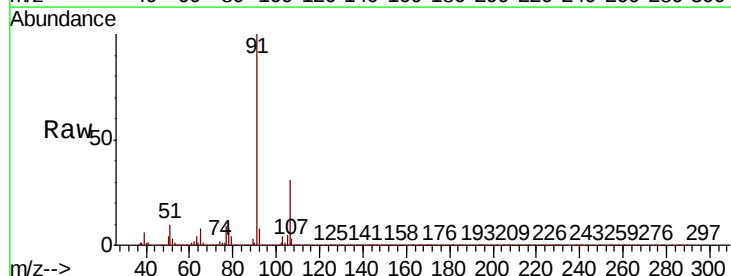
RT: 10.25 min Scan# 1535

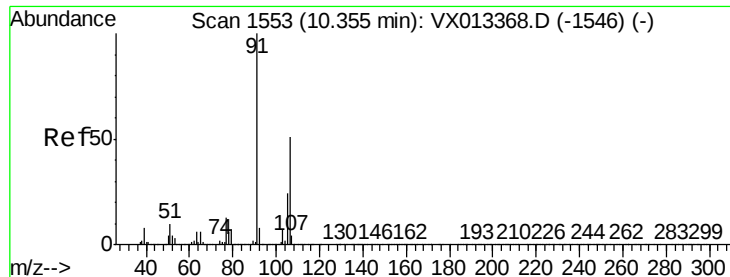
Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Tgt Ion:	91	Resp:	660260
Ion Ratio	Lower	Upper	
91	100		
106	31.4	25.0	37.4





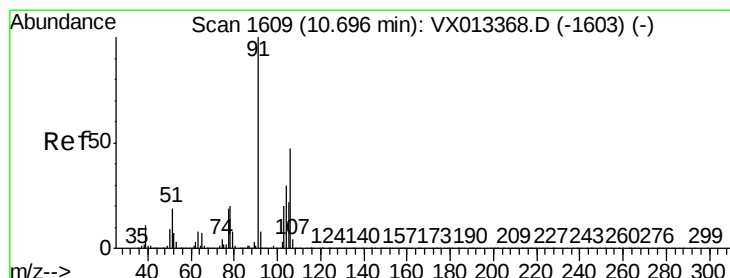
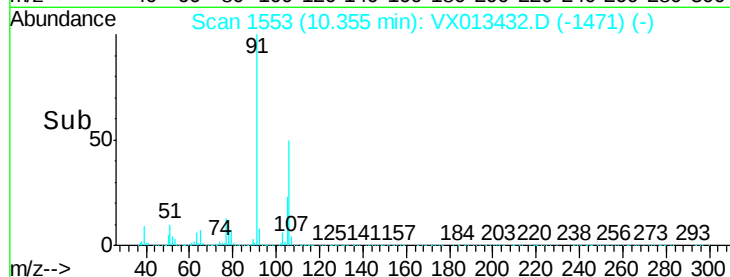
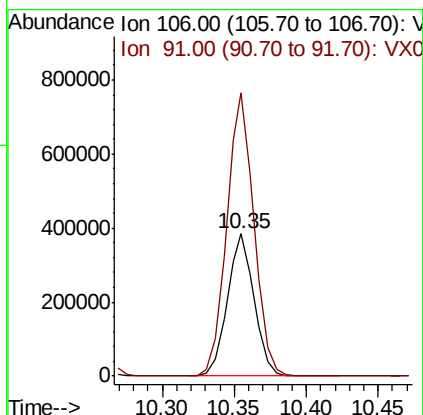
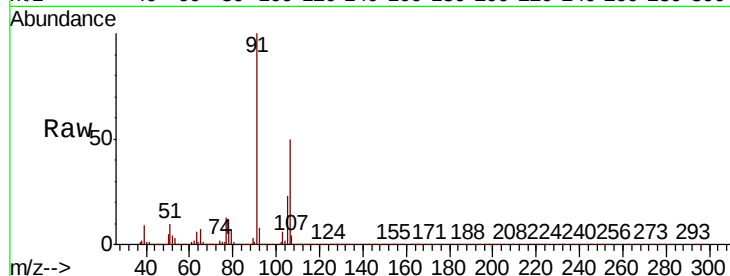
#67
m/p-Xylenes
Concen: 38.046 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.5	158.4	237.6

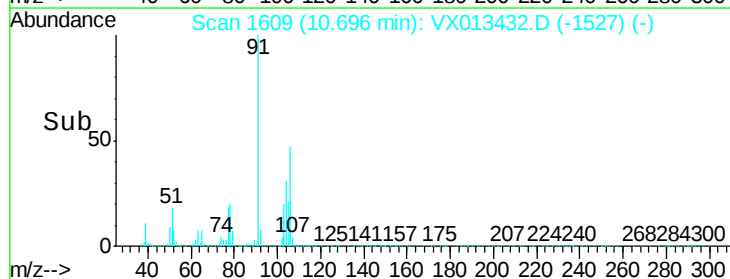
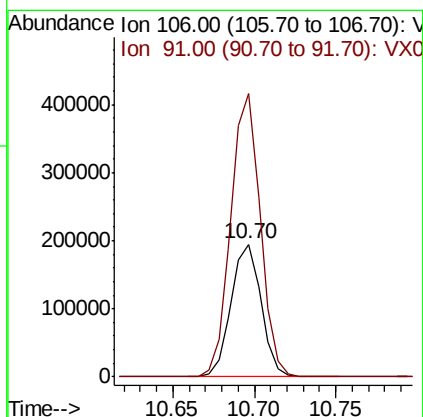
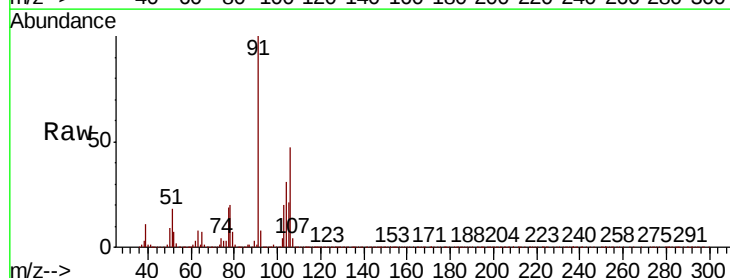
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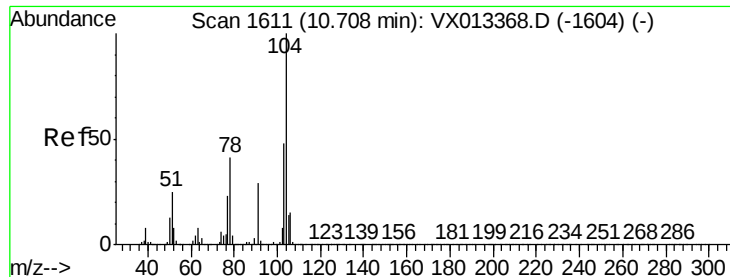
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#68
o-Xylene
Concen: 19.561 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.2	106.4	319.2





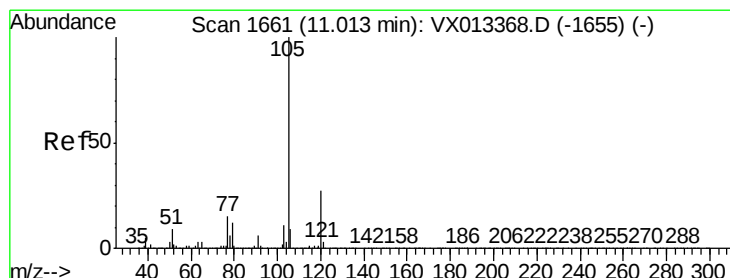
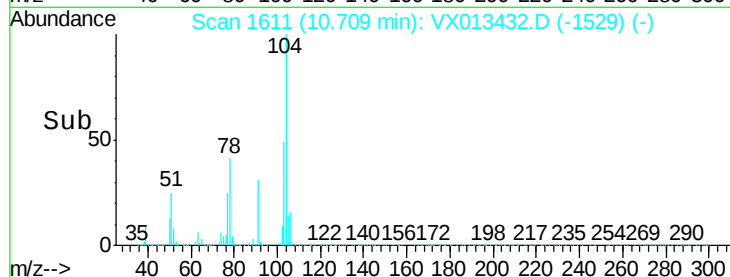
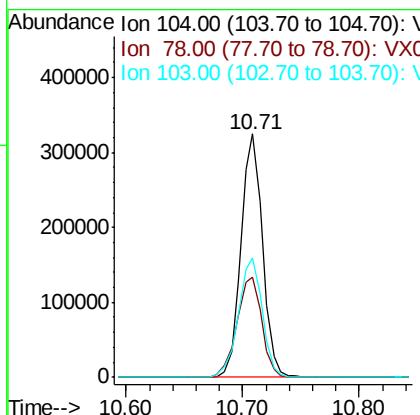
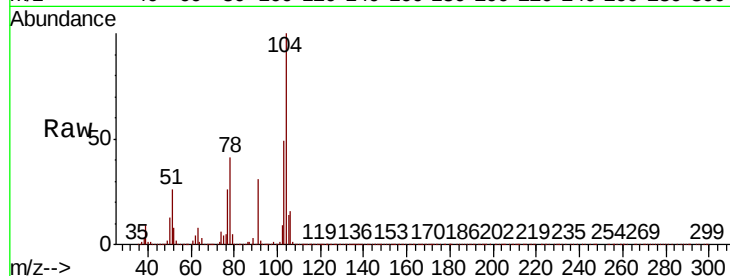
#69
Stvrene
Concen: 19.331 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.2	57.4
103	54.0	43.2	64.8

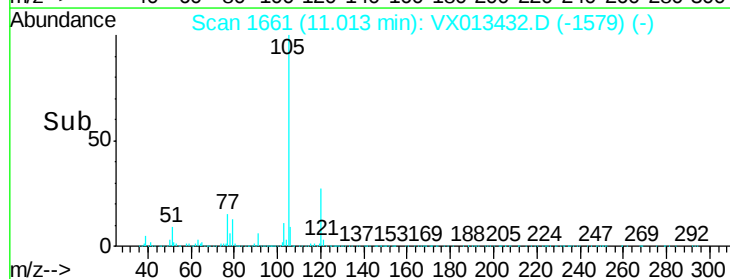
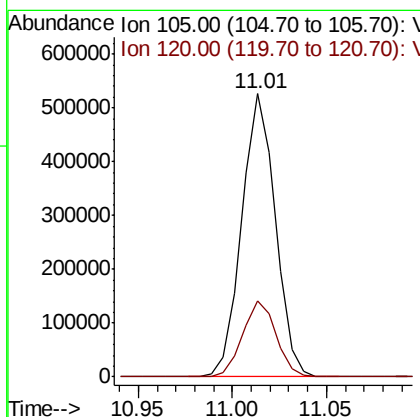
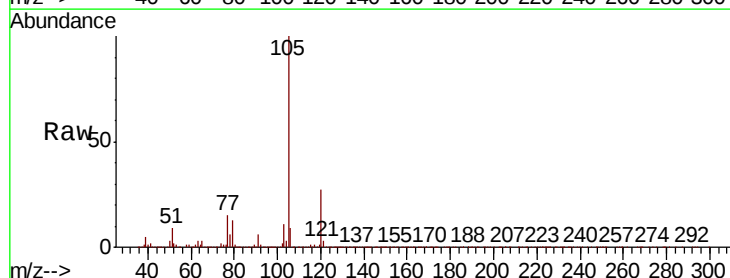
Manual Integrations
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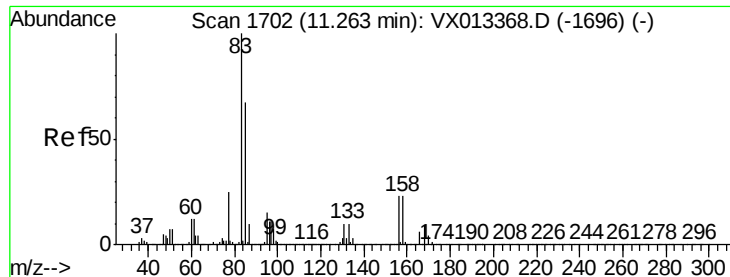
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#70
Isopropylbenzene
Concen: 19.399 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.913 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Instrument :

MSVOA_X

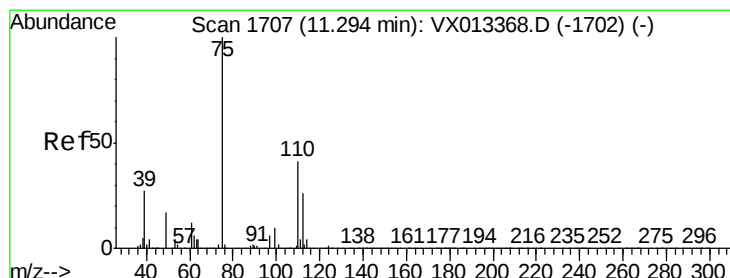
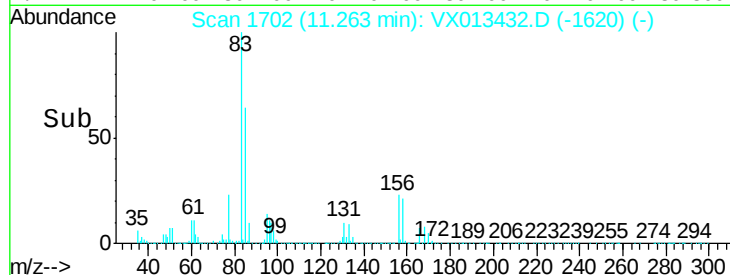
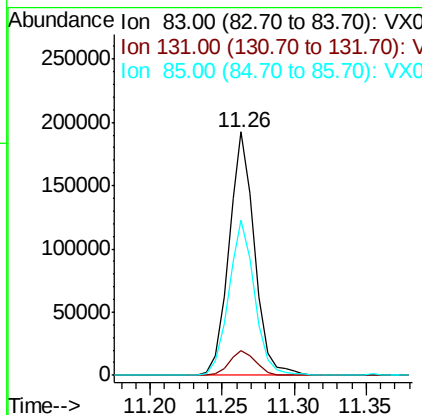
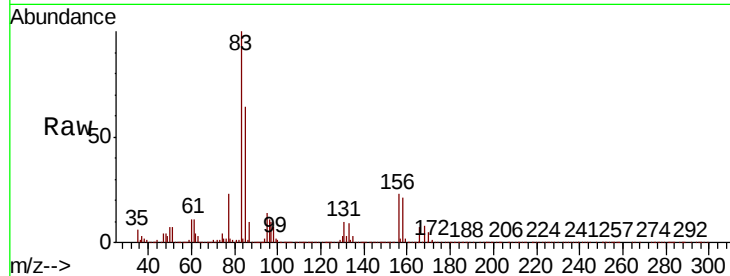
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	239123
Ion Ratio		Lower	Upper
83	100		
131	10.4	4.7	14.1
85	65.0	32.6	97.7

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#72

1,2,3-Trichloropropane

Concen: 18.476 ug/l m

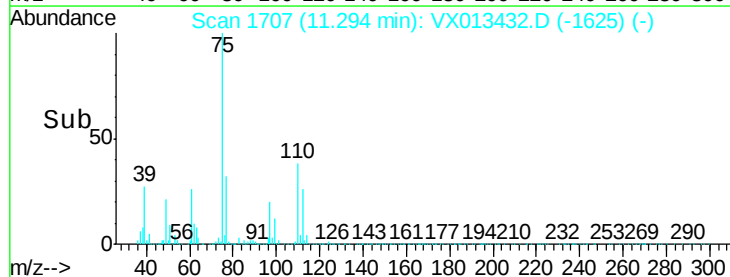
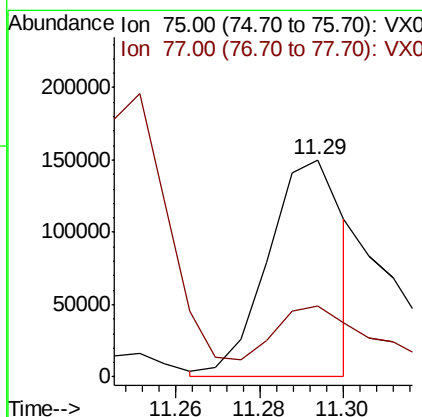
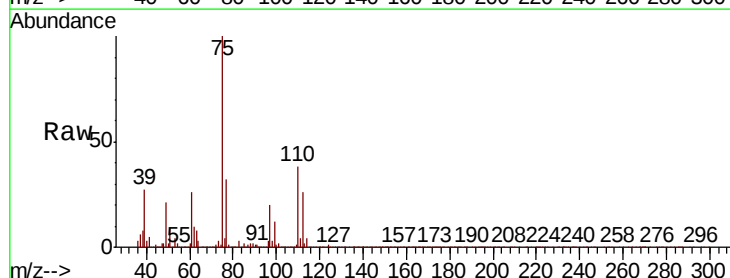
RT: 11.29 min Scan# 1707

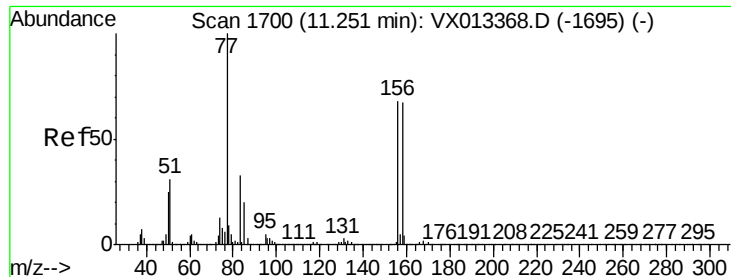
Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Tgt Ion:	75	Resp:	187340
Ion Ratio		Lower	Upper
75	100		
77	42.2	0.0	86.2





#73

Bromobenzene

Concen: 19.612 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Instrument :

MSVOA_X

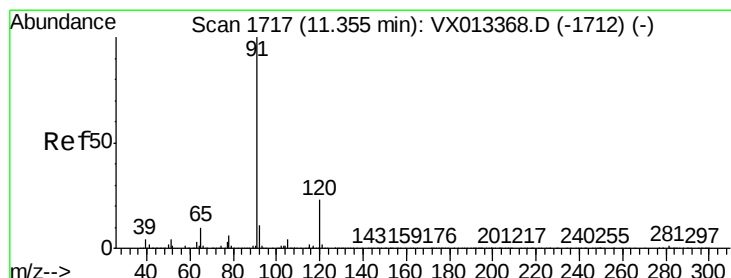
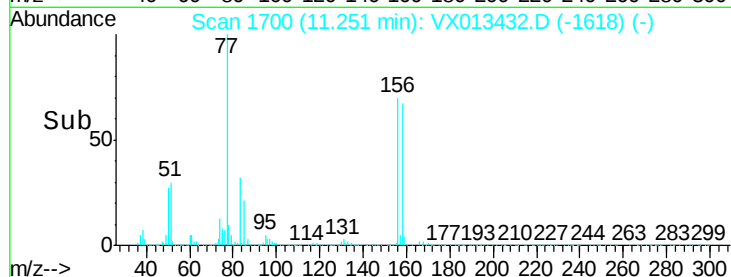
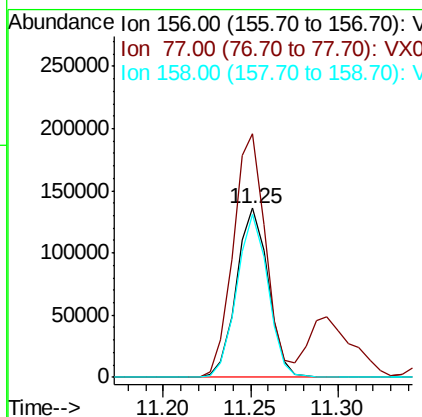
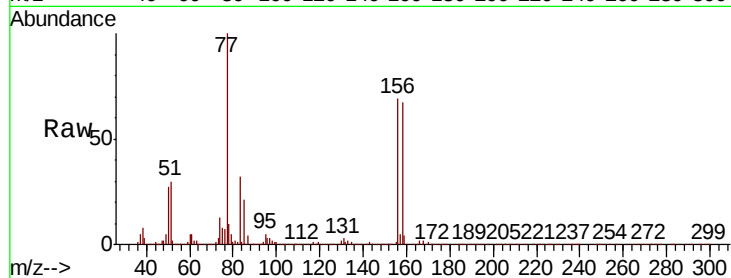
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	173459
Ion Ratio	Lower	Upper	
156	100		
77	146.7	0.0	308.8
158	93.8	0.0	197.0

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#74

n-propylbenzene

Concen: 19.083 ug/l

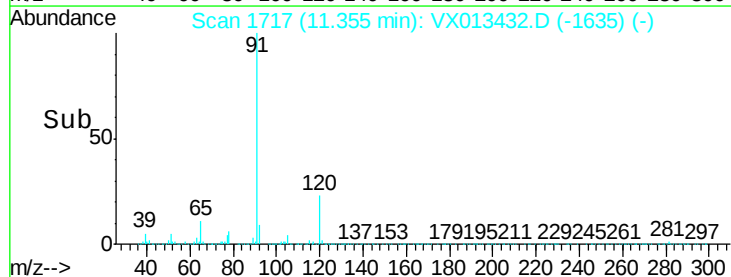
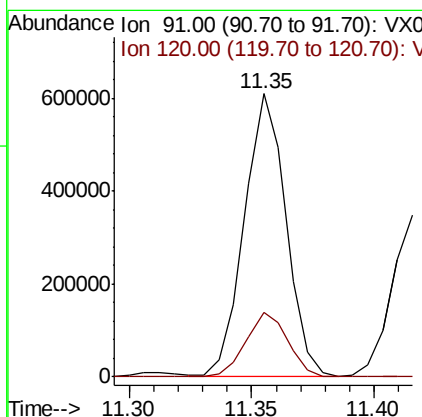
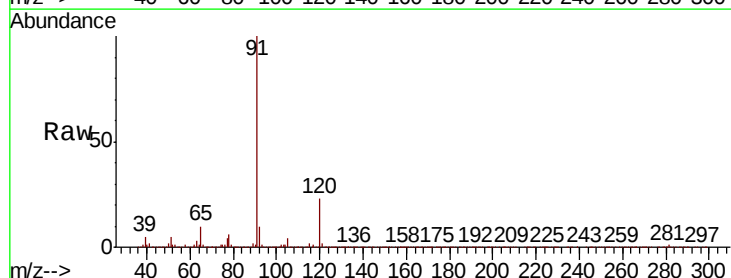
RT: 11.35 min Scan# 1717

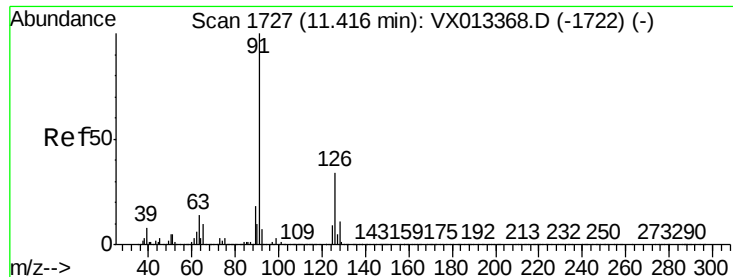
Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Tgt Ion:	91	Resp:	727342
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	46.2





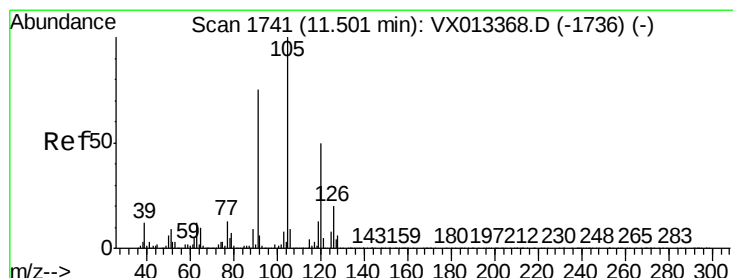
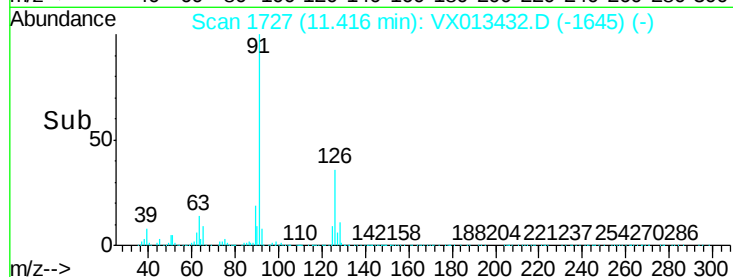
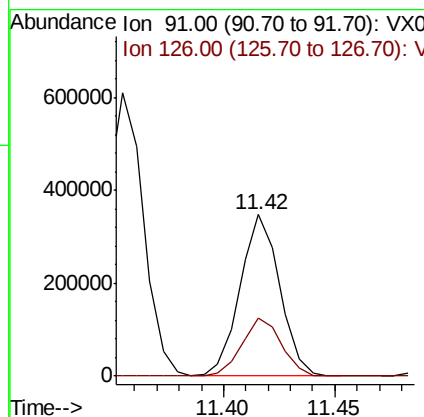
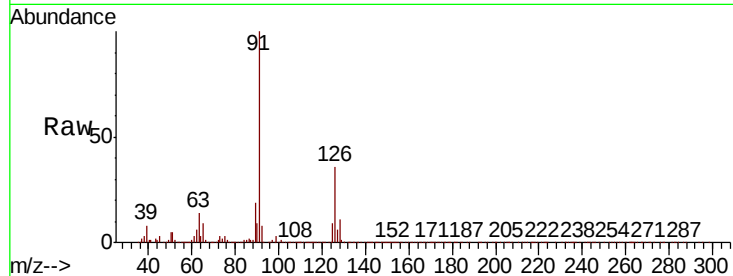
#75
 2-Chlorotoluene
 Concen: 19.074 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013432.D
 Acq: 14 Nov 2019 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	36.0	0.0	69.0	

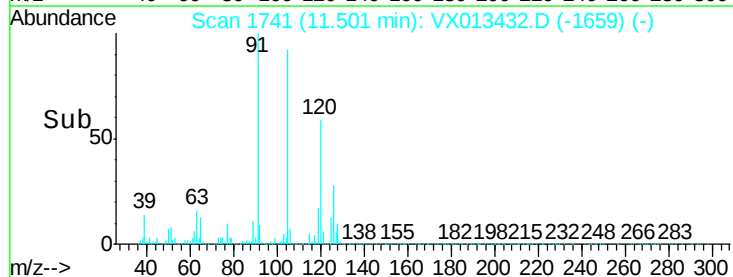
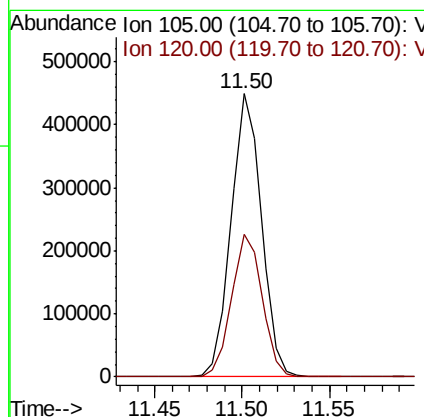
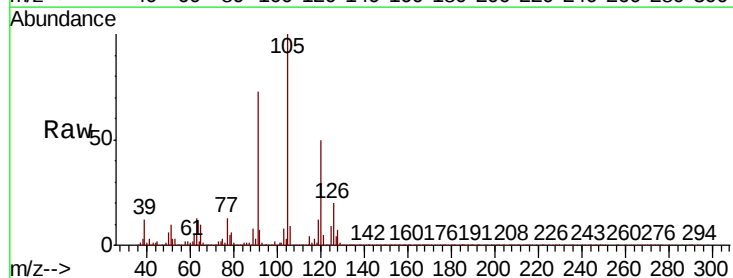
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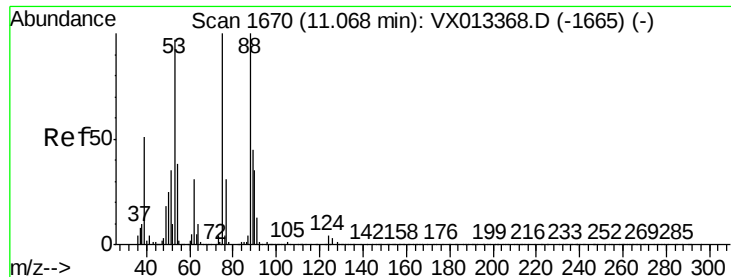
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#76
 1,3,5-Trimethylbenzene
 Concen: 19.231 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013432.D
 Acq: 14 Nov 2019 19:40

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	50.7	0.0	100.0	





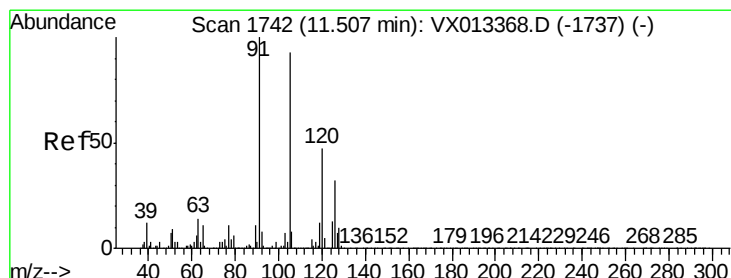
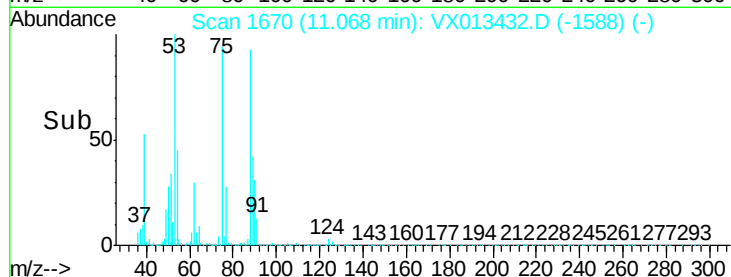
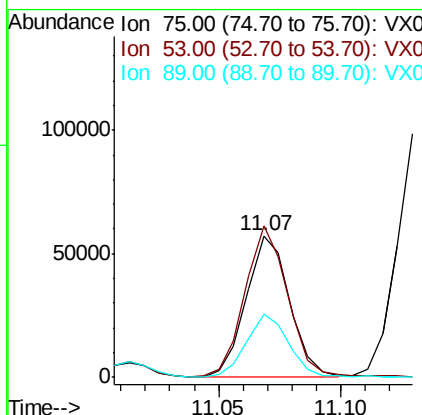
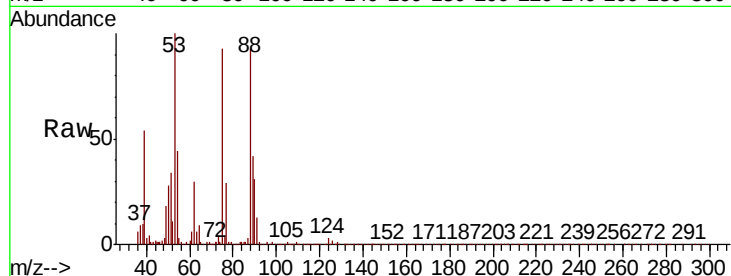
#77
t-1,4-Dichloro-2-butene
Concen: 17.244 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.1	48.8	146.3
89	44.8	22.3	66.8

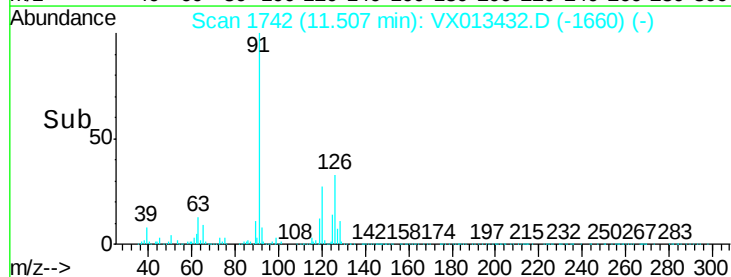
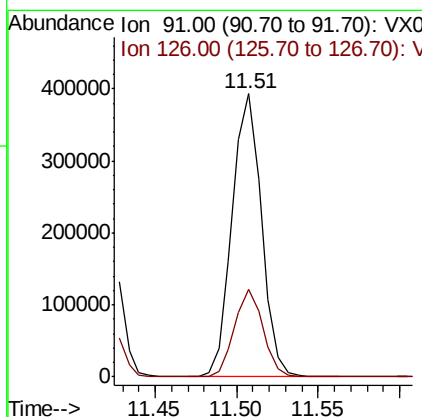
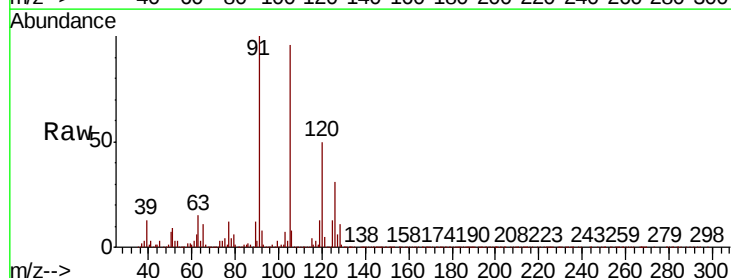
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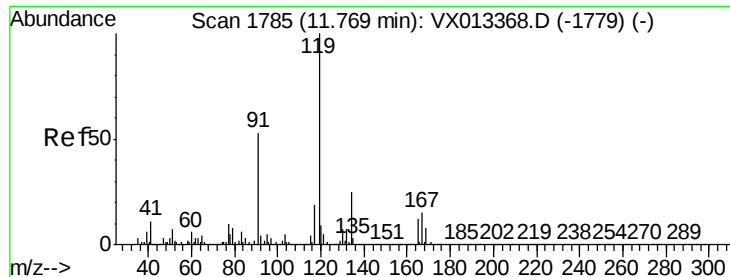
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11/15/2019 9:21:37 AM



#78
4-Chlorotoluene
Concen: 18.938 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	0.0	61.0





#79

tert-butylbenzene

Concen: 19.139 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Instrument :

MSVOA_X

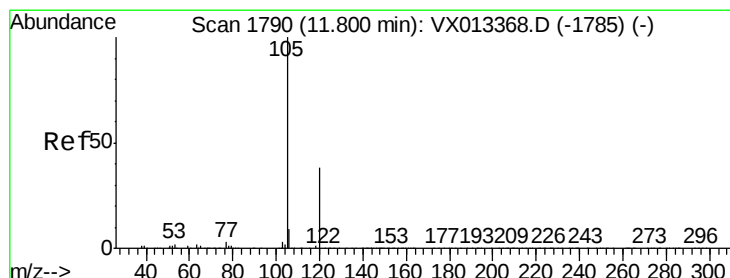
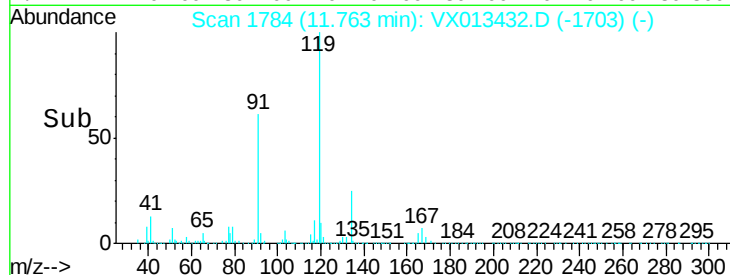
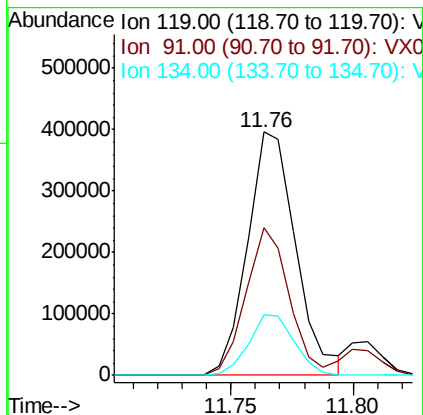
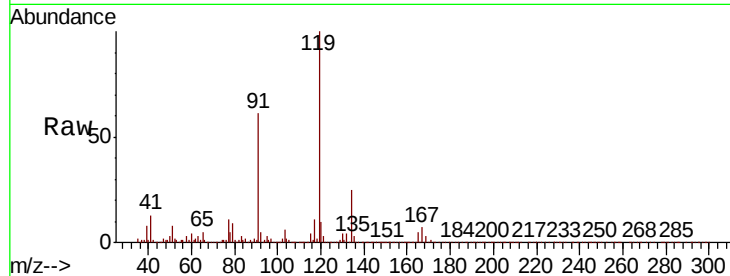
ClientSampleId :

VSTDCCC020EC

Tot Ion:	119	Resp:	544375
Ion Ratio	Lower	Upper	
119	100		
91	54.1	0.0	109.6
134	23.6	0.0	47.8

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#80

1,2,4-Trimethylbenzene

Concen: 19.171 ug/l

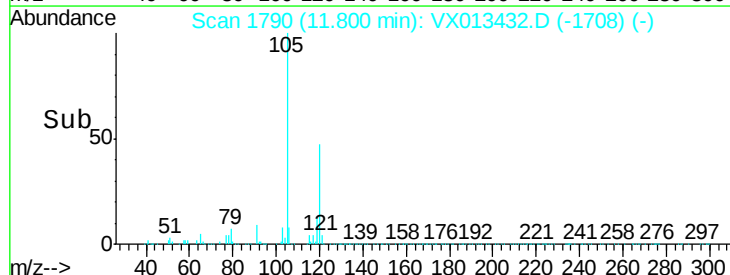
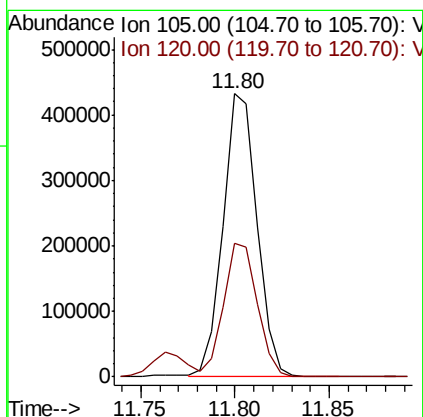
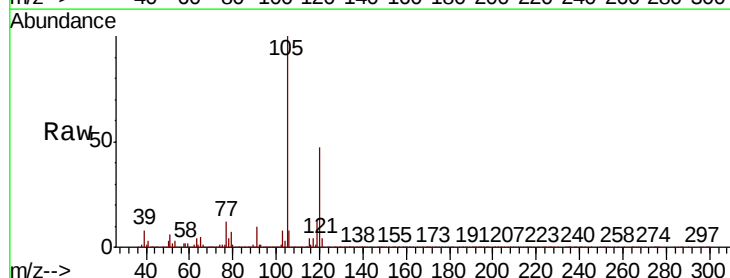
RT: 11.80 min Scan# 1790

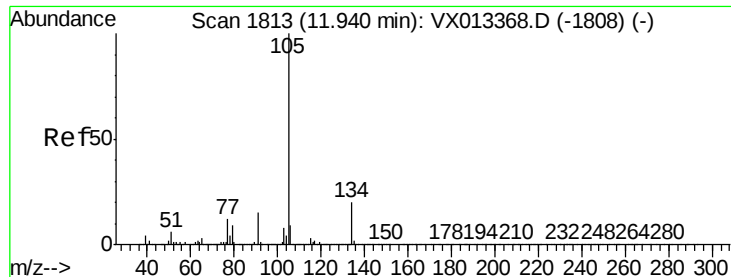
Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Tgt Ion:	105	Resp:	538554
Ion Ratio	Lower	Upper	
105	100		
120	46.6	0.0	94.0





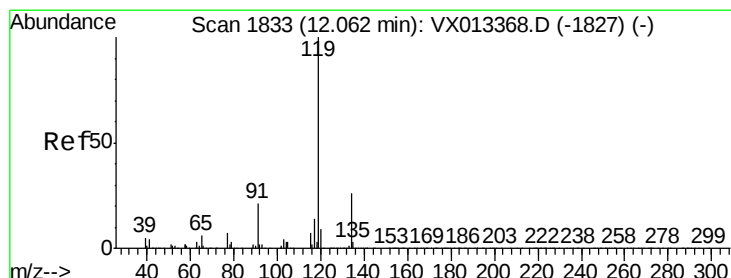
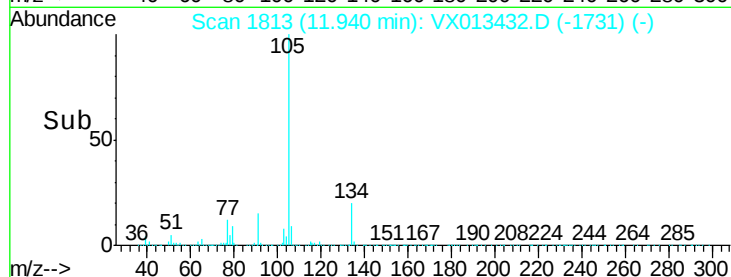
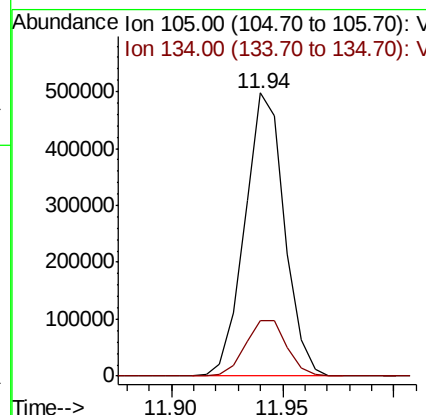
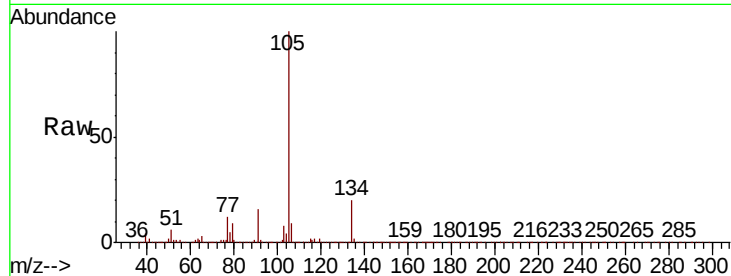
#81
 sec-Butylbenzene
 Concen: 19.034 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013432.D
 Acq: 14 Nov 2019 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	0.0	41.2

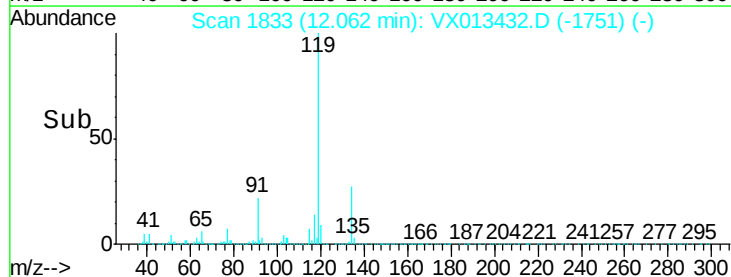
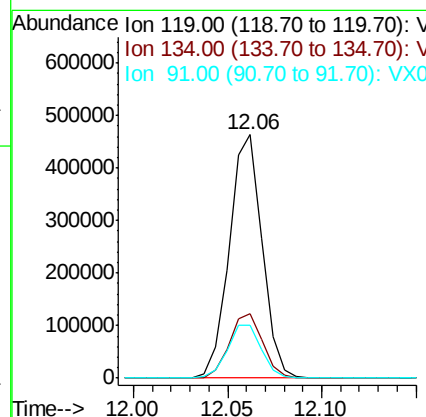
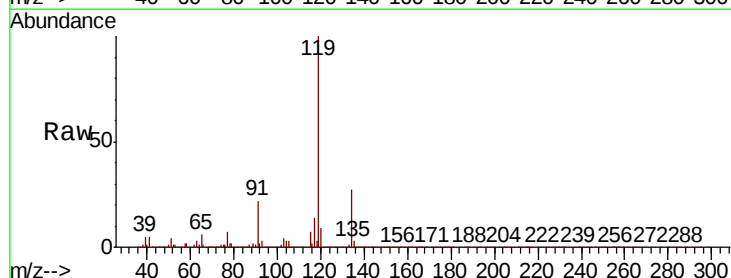
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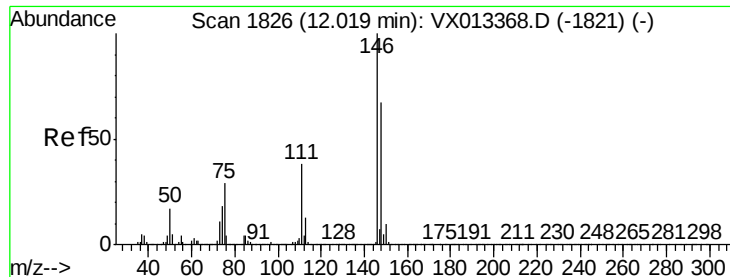
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#82
 p-Isopropyltoluene
 Concen: 18.688 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013432.D
 Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	0.0	51.6
91	22.7	0.0	44.2





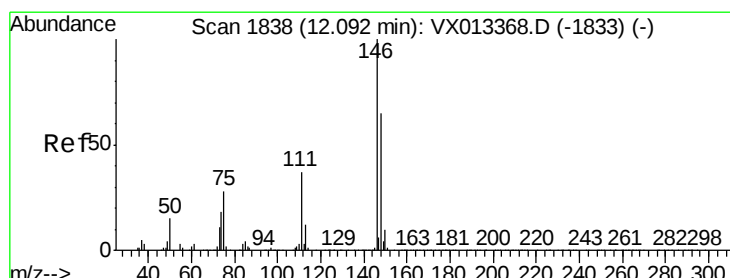
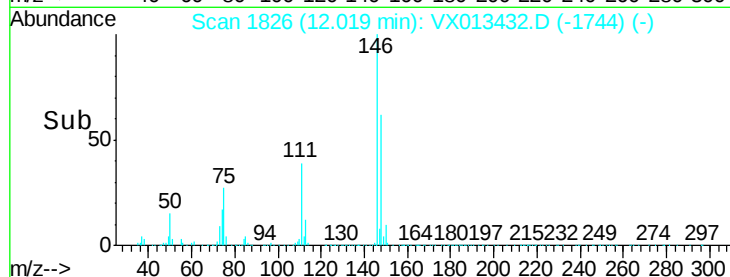
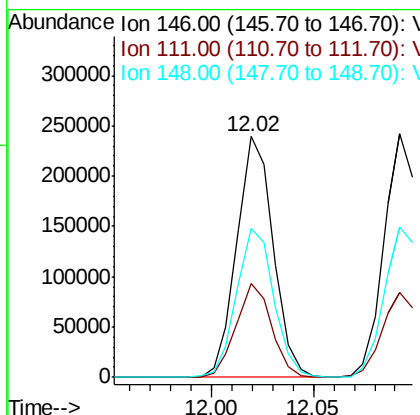
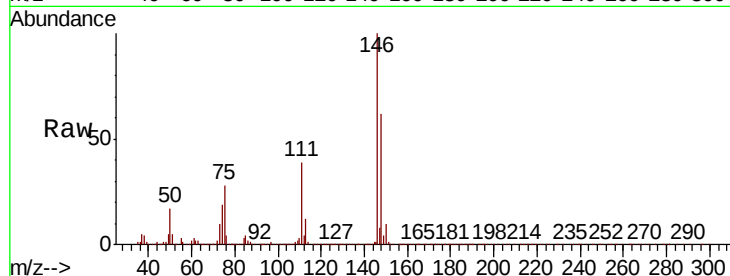
#83
1,3-Dichlorobenzene
Concen: 19.031 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.3
148	63.9	32.3	96.9

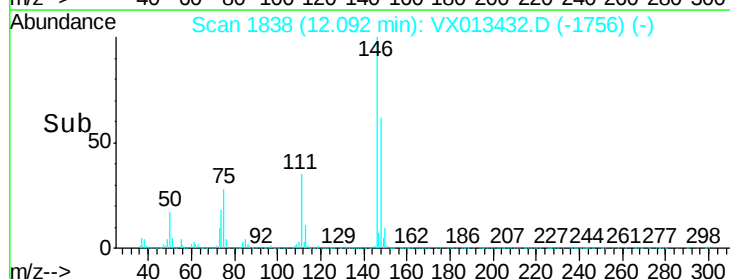
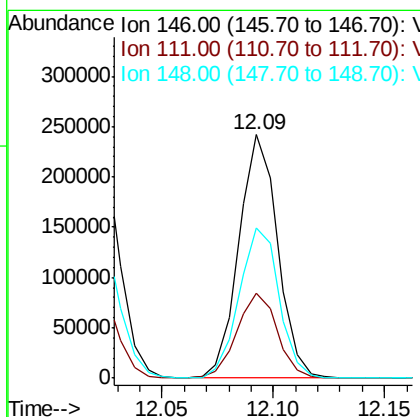
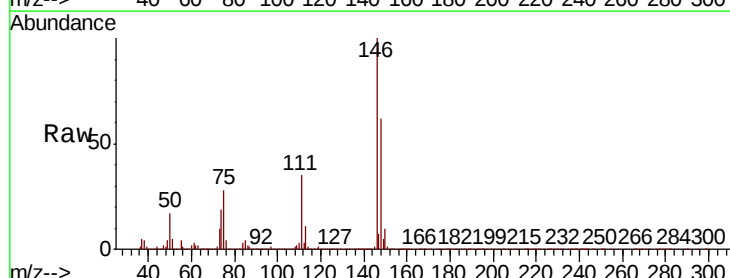
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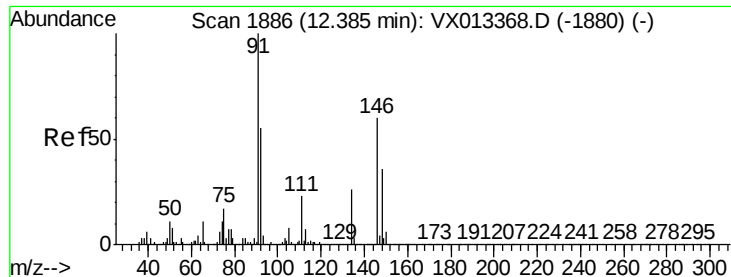
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#84
1,4-Dichlorobenzene
Concen: 18.963 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.6	55.6
148	63.5	32.5	97.4





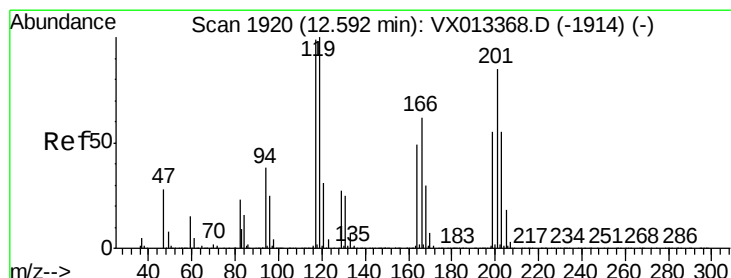
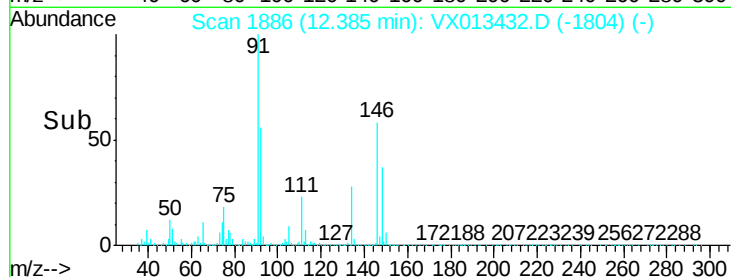
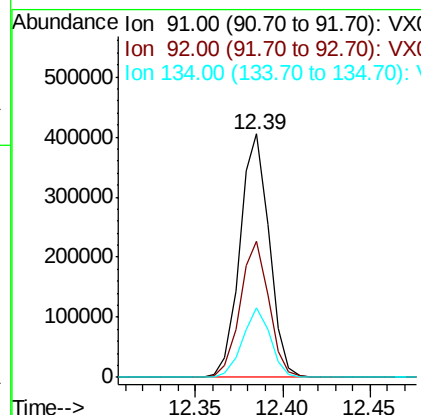
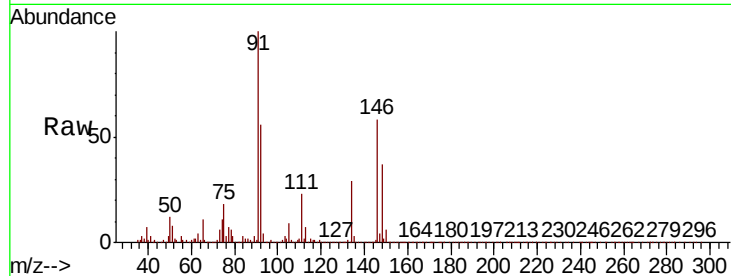
#85
n-Butylbenzene
Concen: 18.266 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	471360		
92	54.5	0.0	109.0	
134	26.9	0.0	53.0	

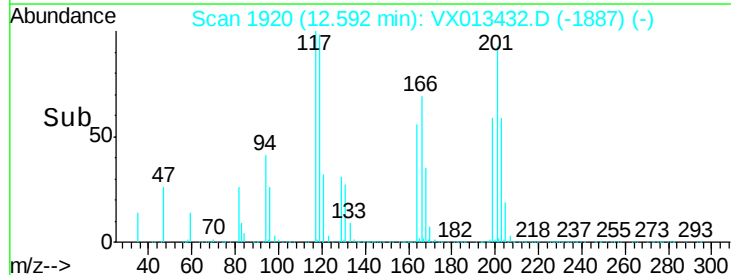
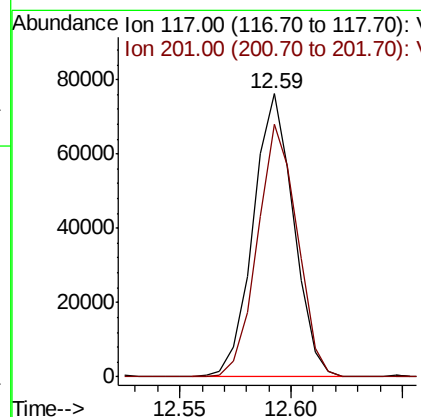
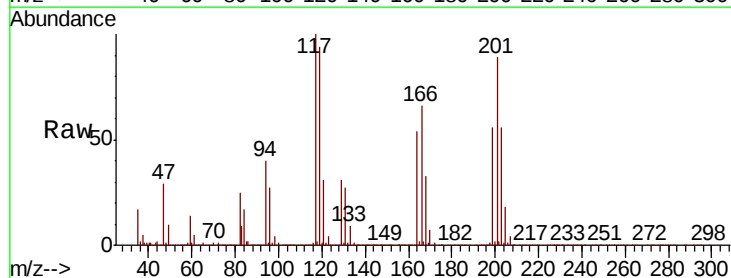
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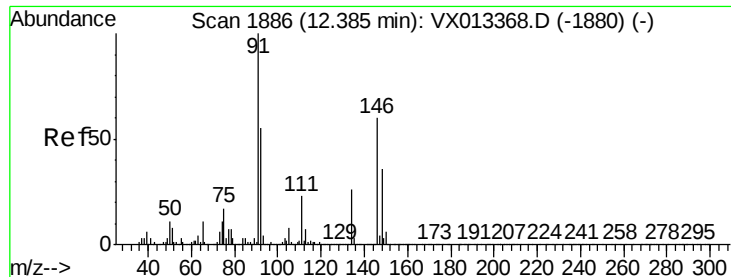
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#86
Hexachloroethane
Concen: 17.576 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	96432		
201	88.0	44.5	133.3	





#87

1,2-Dichlorobenzene

Concen: 19.169 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013432.D

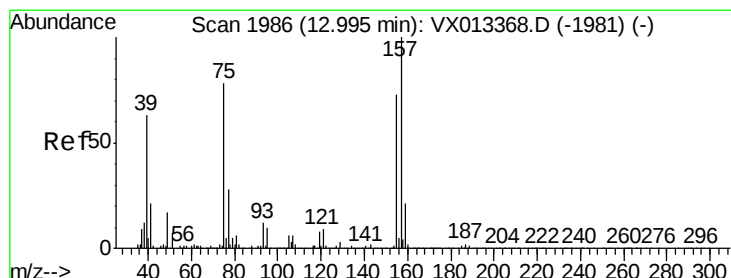
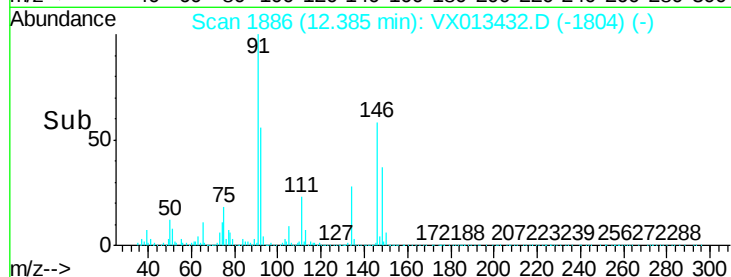
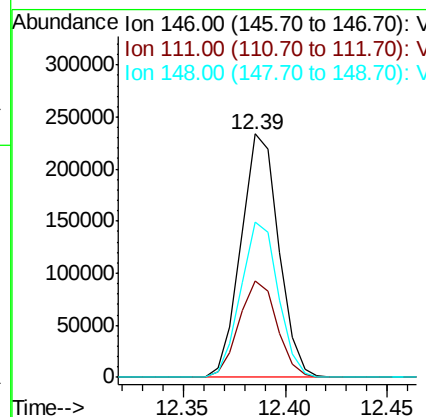
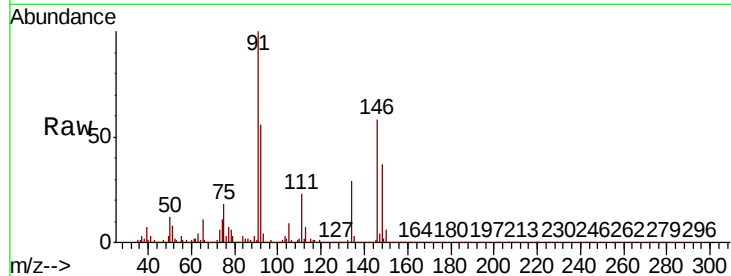
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.7
148	63.9	31.6	94.7

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.466 ug/l

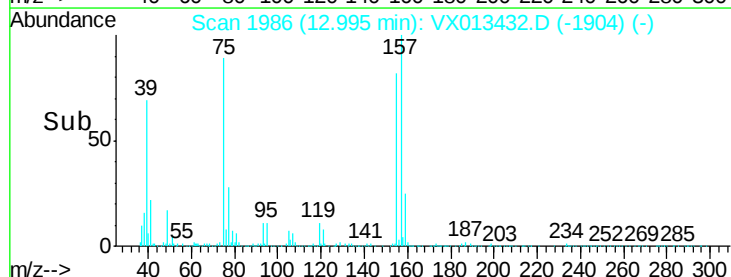
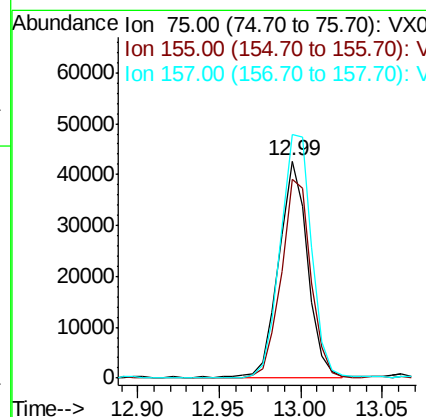
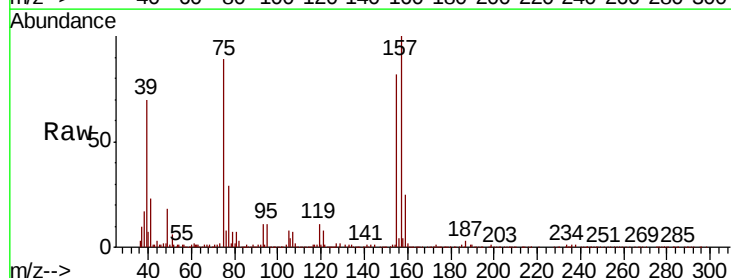
RT: 12.99 min Scan# 1986

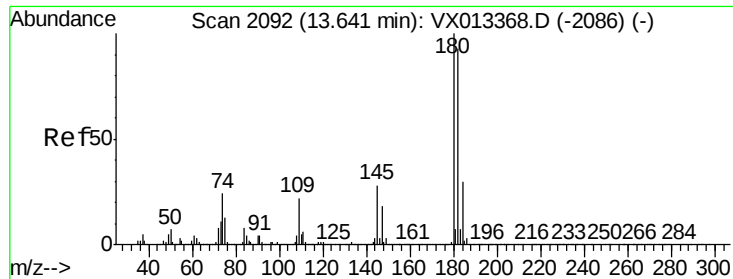
Delta R.T. 0.00 min

Lab File: VX013432.D

Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	76.9	115.3
157	122.2	101.2	151.8





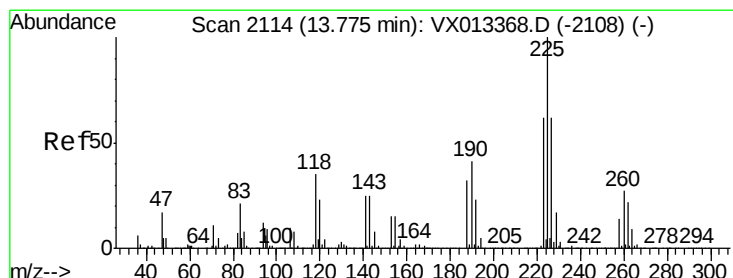
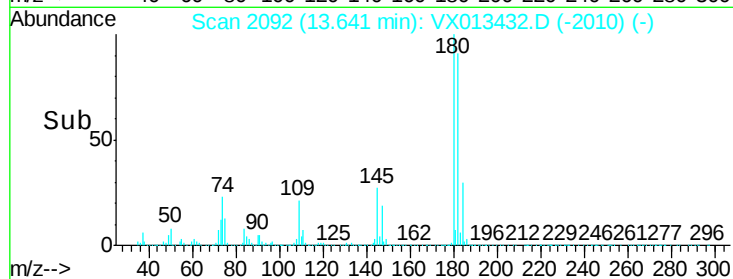
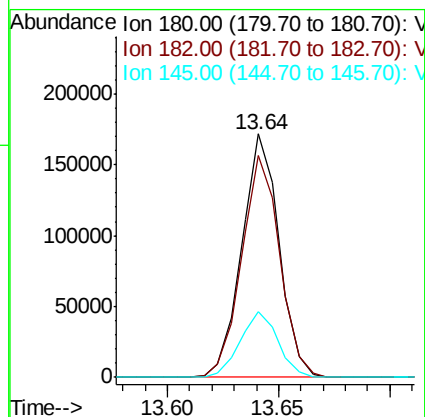
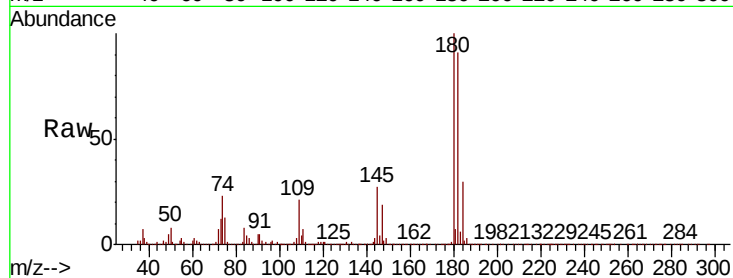
#89
1,2,4-Trichlorobenzene
Concen: 18.714 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	74.7	112.1
145	27.5	22.1	33.1

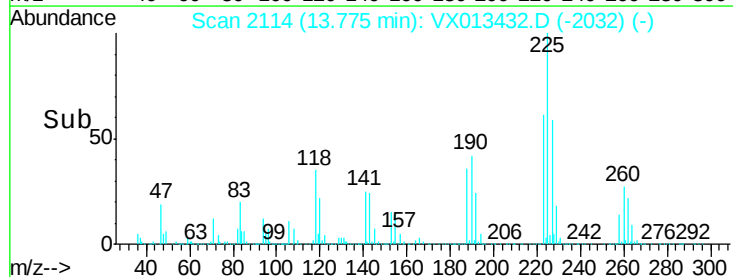
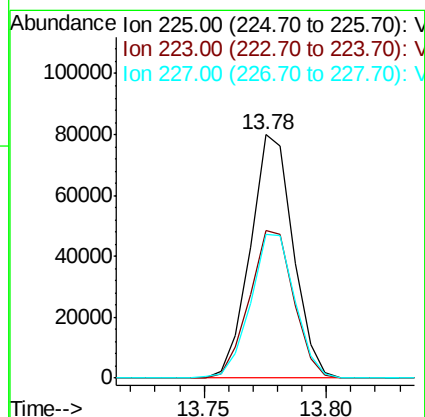
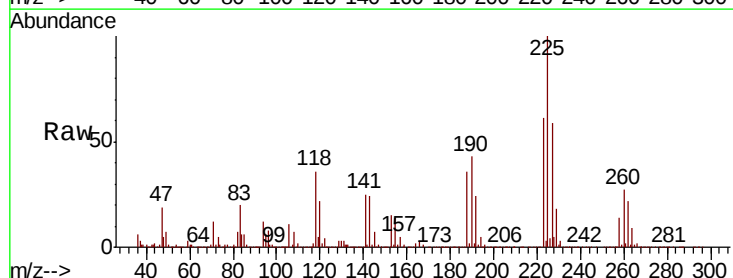
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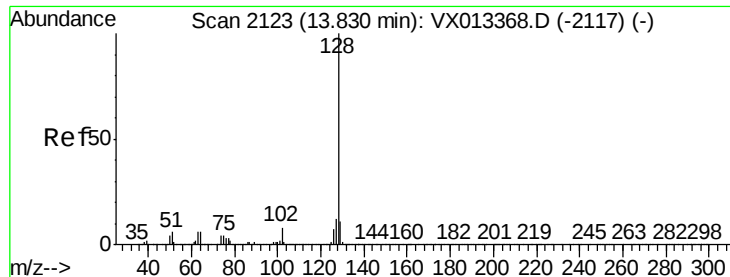
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#90
Hexachlorobutadiene
Concen: 18.992 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	0.0	123.0
227	60.8	0.0	121.8





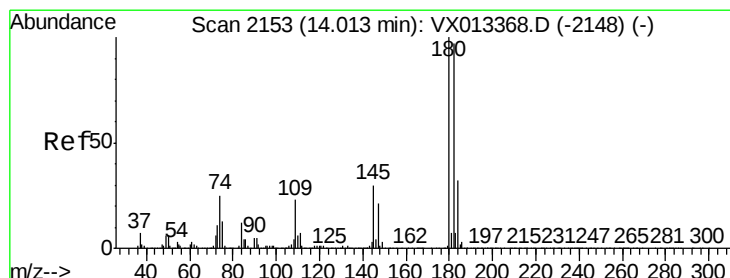
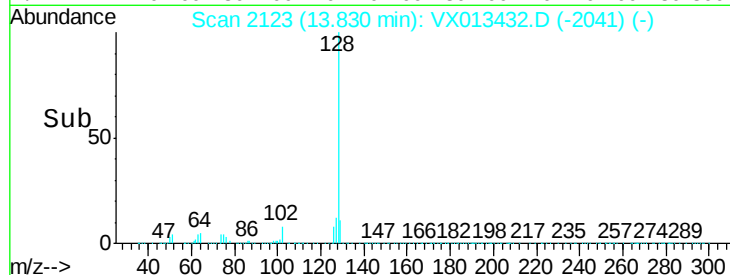
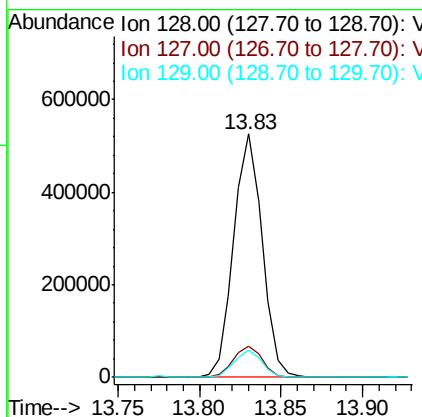
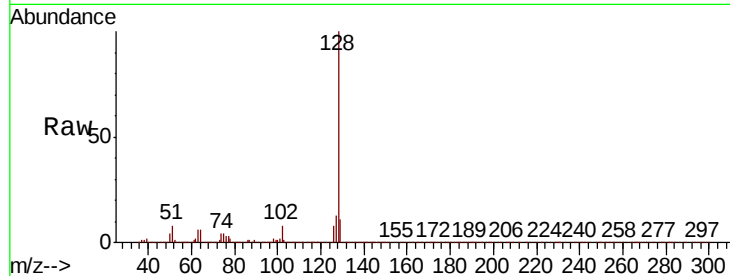
#91
Naphthalene
Concen: 18.886 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	128	Resp:	641100
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	10.8	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 18.519 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013432.D
Acq: 14 Nov 2019 19:40

Tgt Ion:	180	Resp:	200642
Ion Ratio	Lower	Upper	
180	100		
182	96.1	0.0	191.0
145	31.0	0.0	59.0

