

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103119\
 Data File : VX013292.D
 Acq On : 31 Oct 2019 16:18
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 3:40:54 PM

Quant Time: Nov 02 06:04:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 06:36:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	949974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1418632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1256125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	602990	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	9448	1.039 ug/l	95
3) Chloromethane	1.31	50	10234	1.098 ug/l	98
4) Vinyl Chloride	1.39	62	11832	1.212 ug/l	99
6) Chloroethane	1.72	64	10829	1.776 ug/l #	87
7) Trichlorofluoromethane	1.92	101	16474	1.085 ug/l	97
8) Diethyl Ether	2.18	74	6939	1.252 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	8419	0.971 ug/l	98
12) 1,1-Dichloroethene	2.36	96	7483	0.878 ug/l	98
14) Allyl chloride	2.71	41	13954	1.079 ug/l #	94
15) Acrylonitrile	3.13	53	21631	4.366 ug/l	94
16) Acetone	2.43	43	26089	5.461 ug/l #	88
17) Carbon Disulfide	2.56	76	20395	0.926 ug/l #	92
18) Methyl Acetate	2.76	43	13934	1.212 ug/l #	78
19) Methyl tert-butyl Ether	3.18	73	24464	0.877 ug/l	93
20) Methylene Chloride	2.84	84	11188	1.141 ug/l #	96
21) trans-1,2-Dichloroethene	3.16	96	8520	0.937 ug/l	91
22) Diisopropyl ether	3.84	45	25222	0.932 ug/l #	61
23) Vinyl Acetate	3.81	43	109170	4.789 ug/l	99
24) 1,1-Dichloroethane	3.68	63	15708	1.012 ug/l	97
25) 2-Butanone	4.67	43	33349	4.827 ug/l	99
26) 2,2-Dichloropropane	4.56	77	12551	0.993 ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	9300	0.881 ug/l	82
28) Bromochloromethane	5.00	49	4936	0.726 ug/l #	93
29) Tetrahydrofuran	5.13	42	18964	4.328 ug/l	96
30) Chloroform	5.20	83	15166	0.916 ug/l	89
32) 1,1,1-Trichloroethane	5.48	97	13687	0.962 ug/l #	52
36) 1,1-Dichloropropene	5.79	75	10017	0.845 ug/l	91
37) Ethyl Acetate	4.83	43	13425	1.073 ug/l #	93
38) Carbon Tetrachloride	5.78	117	9939	0.815 ug/l	97
39) Methylcyclohexane	7.45	83	14287	0.942 ug/l	96
40) Benzene	6.13	78	35773	0.988 ug/l	94
41) Methacrylonitrile	5.03	41	7260m	1.013 ug/l	
42) 1,2-Dichloroethane	6.19	62	12038	0.940 ug/l	92
43) Isopropyl Acetate	6.44	43	18712	0.912 ug/l #	87

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 ALS Vial : 3 Sample Multiplier: 1

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Manual Integrations
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Quant Time: Nov 02 06:04:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 06:36:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.20	130	10708	1.012	ug/l	94
45) 1,2-Dichloropropane	7.51	63	8348	0.902	ug/l	97
46) Dibromomethane	7.66	93	6106	0.934	ug/l	97
47) Bromodichloromethane	7.89	83	10290	0.873	ug/l	98
48) Methyl methacrylate	7.77	41	8518	0.843	ug/l #	78
49) 1,4-Dioxane	7.74	88	5081	18.798	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	60893	4.578	ug/l	97
52) Toluene	8.78	92	20702	0.877	ug/l	94
53) t-1,3-Dichloropropene	9.04	75	10206	0.802	ug/l	91
54) cis-1,3-Dichloropropene	8.43	75	12477	0.885	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	8421	0.864	ug/l	98
56) Ethyl methacrylate	9.17	69	10601	0.737	ug/l #	90
57) 1,3-Dichloropropane	9.37	76	15077	0.964	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	25669	3.776	ug/l	94
59) 2-Hexanone	9.49	43	43378	4.214	ug/l	99
60) Dibromochloromethane	9.57	129	7736	0.787	ug/l	93
61) 1,2-Dibromoethane	9.67	107	8893	0.862	ug/l	97
64) Tetrachloroethene	9.33	164	9594	0.981	ug/l	92
65) Chlorobenzene	10.13	112	24435	0.944	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.21	131	7840	0.861	ug/l #	61
67) Ethyl Benzene	10.25	91	39632	0.898	ug/l	99
68) m/p-Xylenes	10.36	106	27920	1.650	ug/l	98
69) o-Xylene	10.70	106	14483	0.880	ug/l	93
70) Styrene	10.71	104	21102	0.768	ug/l	97
71) Bromoform	10.85	173	5308	0.728	ug/l #	86
73) Isopropylbenzene	11.01	105	36084	0.879	ug/l	94
74) N-amyl acetate	10.89	43	13757	0.844	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.26	83	13349	0.980	ug/l #	96
76) 1,2,3-Trichloropropane	11.29	75	11964m	1.083	ug/l	
77) Bromobenzene	11.25	156	10213	0.908	ug/l	92
78) n-propylbenzene	11.35	91	37842	0.833	ug/l	98
79) 2-Chlorotoluene	11.42	91	24451	0.897	ug/l	94
80) 1,3,5-Trimethylbenzene	11.50	105	28695	0.839	ug/l	97
82) 4-Chlorotoluene	11.51	91	28891	0.911	ug/l	100
83) tert-Butylbenzene	11.76	119	27083	0.800	ug/l	88
84) 1,2,4-Trimethylbenzene	11.80	105	28167	0.816	ug/l	95
85) sec-Butylbenzene	11.94	105	34011	0.865	ug/l	95
86) p-Isopropyltoluene	12.06	119	28970	0.796	ug/l	87
87) 1,3-Dichlorobenzene	12.02	146	17766	0.909	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	19670m	0.984	ug/l	
89) n-Butylbenzene	12.39	91	25243	0.809	ug/l	99
90) Hexachloroethane	12.59	117	5148	0.881	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	17223	0.889	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	12.99	75	3981	1.370	ug/l	75
93) 1,2,4-Trichlorobenzene	13.64	180	11812	0.896	ug/l	97
94) Hexachlorobutadiene	13.78	225	6259	0.961	ug/l	95
95) Naphthalene	13.83	128	32155	0.811	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.01	180	11197	0.851	ug/l	98

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

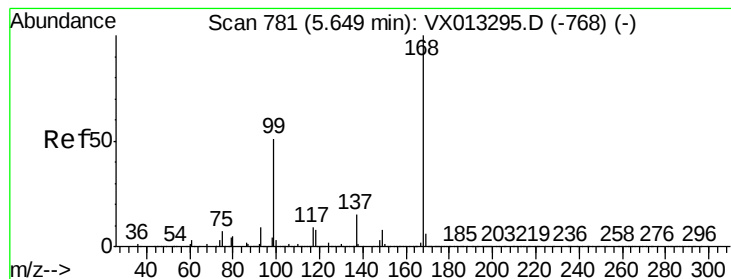
Manual Integrations
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Quant Time: Nov 02 06:04:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 06:36:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

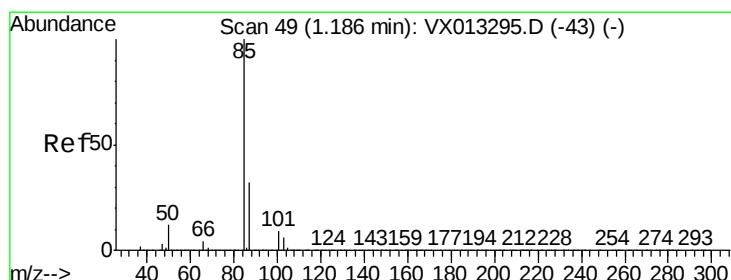
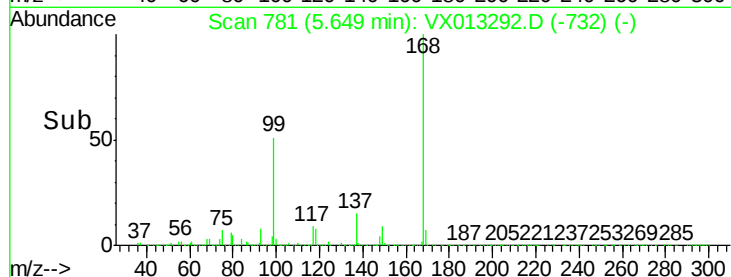
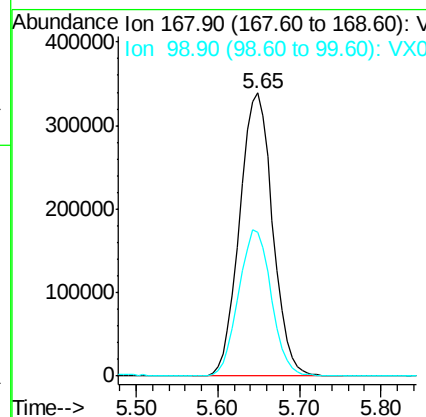
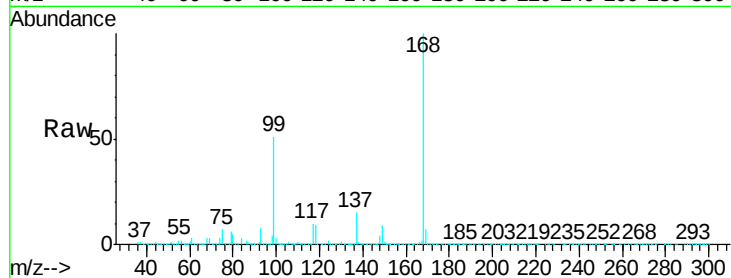
ClientSampleId :

VSTDIC001

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	949974		
99	50.8	40.8	61.2	

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#2

Dichlorodifluoromethane

Concen: 1.039 ug/l

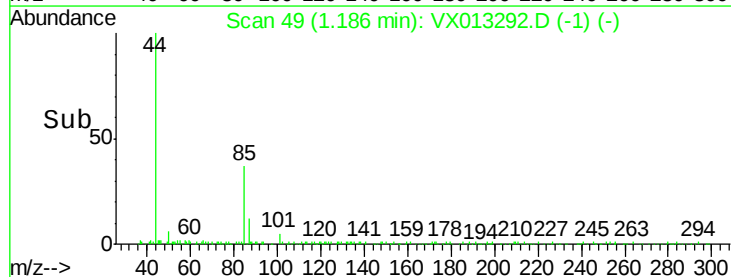
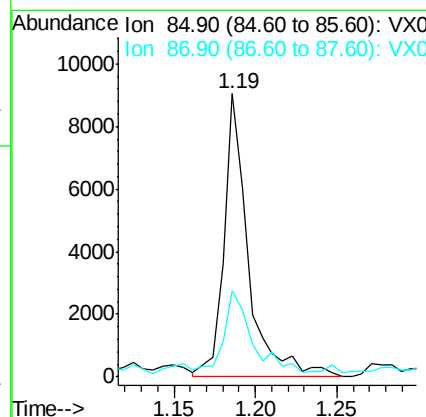
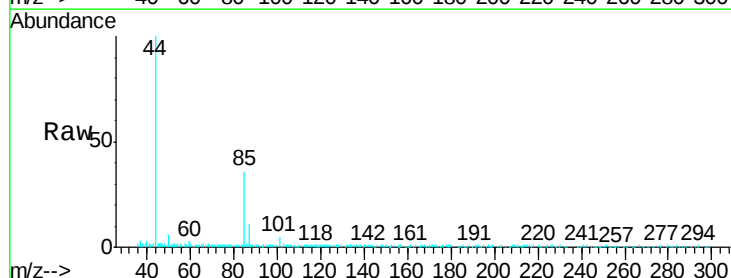
RT: 1.19 min Scan# 49

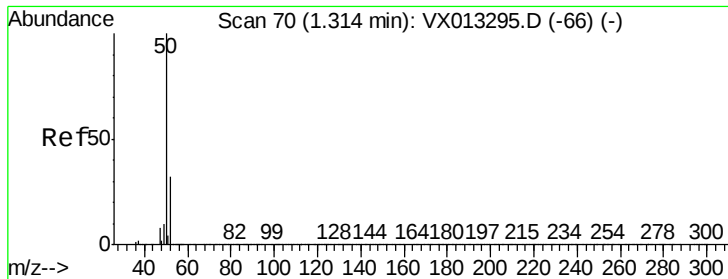
Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	9448		
87	29.0	15.9	47.6	





#3

Chloromethane

Concen: 1.098 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

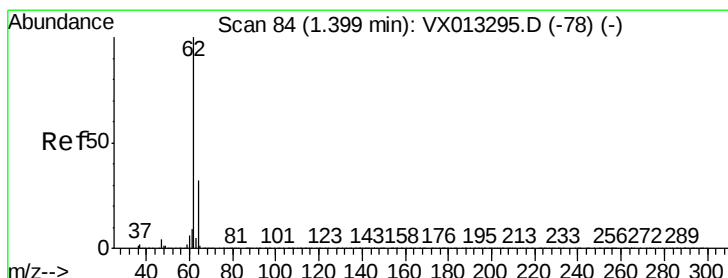
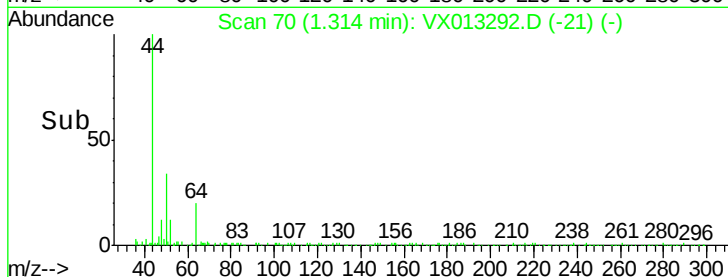
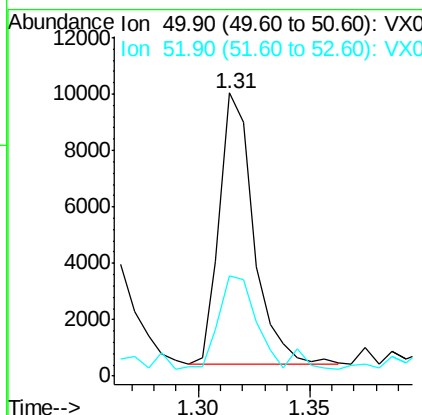
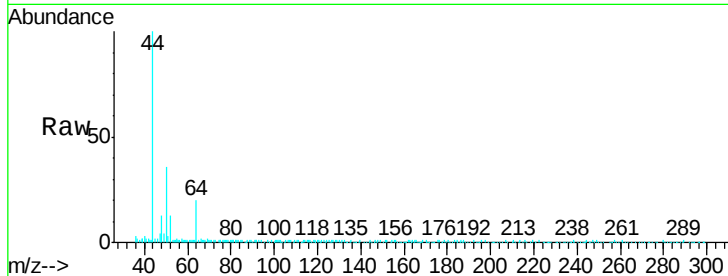
ClientSampled :

VSTDIC001

Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.5	38.3

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#4

Vinyl Chloride

Concen: 1.212 ug/l

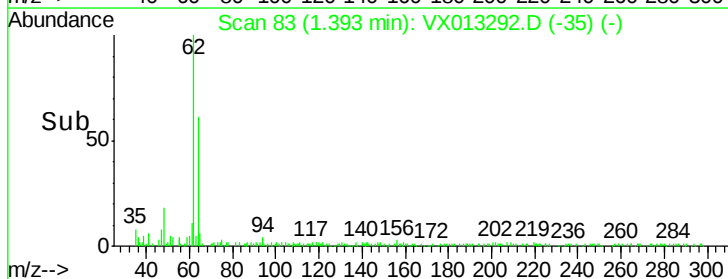
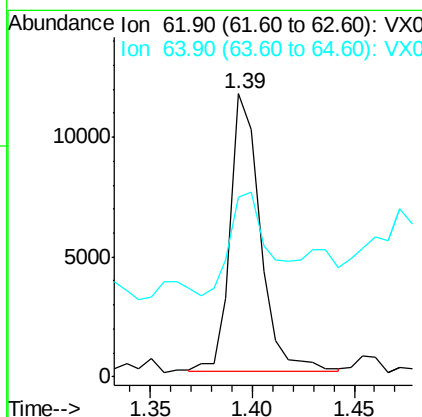
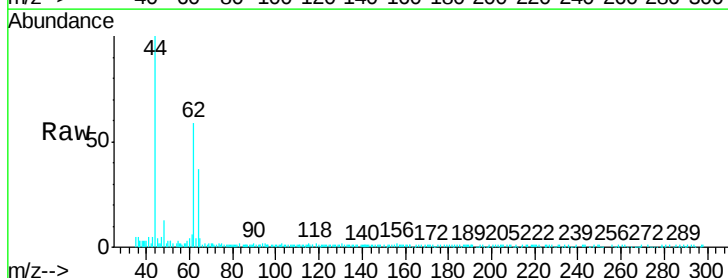
RT: 1.39 min Scan# 83

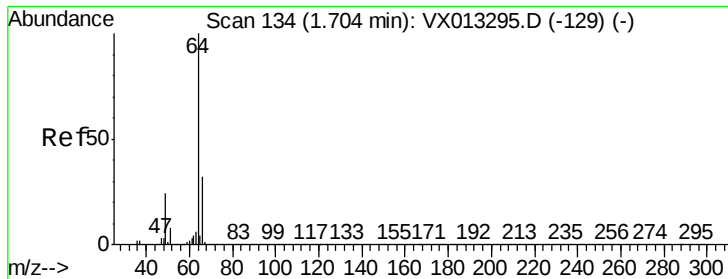
Delta R.T. -0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.7	25.6	38.4





#6

Chloroethane

Concen: 1.776 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 64 Resp: 10829

Ion Ratio Lower Upper

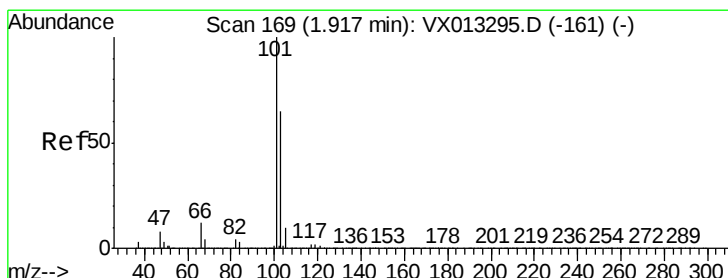
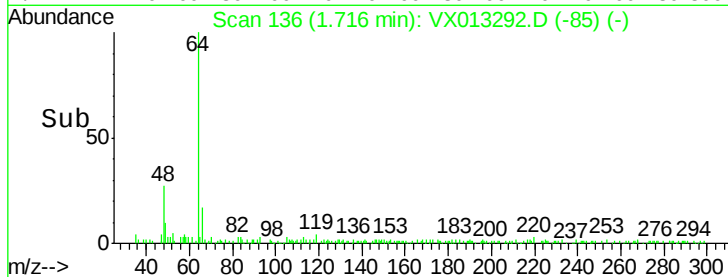
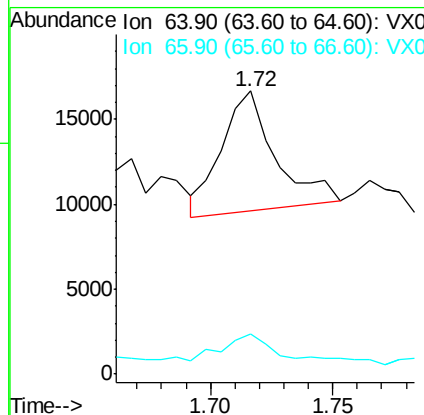
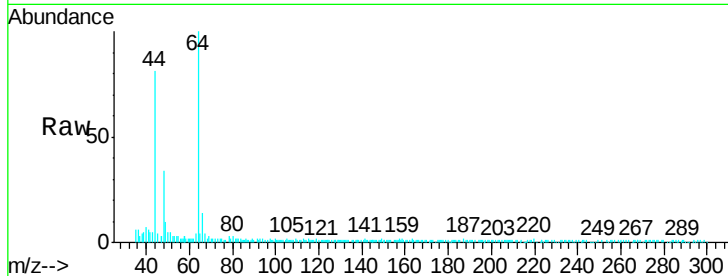
64 100

66 24.7 25.6 38.4#

Manual Integrations
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#7

Trichlorofluoromethane

Concen: 1.085 ug/l

RT: 1.92 min Scan# 169

Delta R.T. 0.00 min

Lab File: VX013292.D

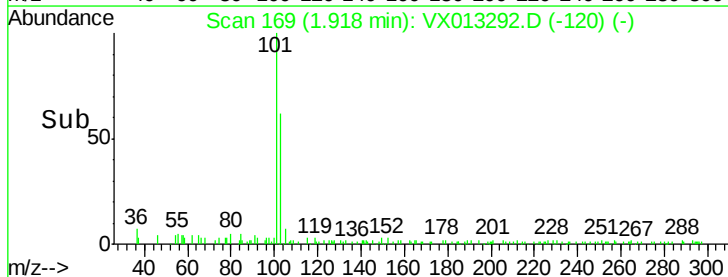
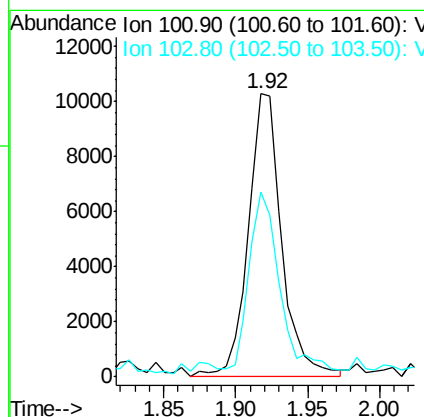
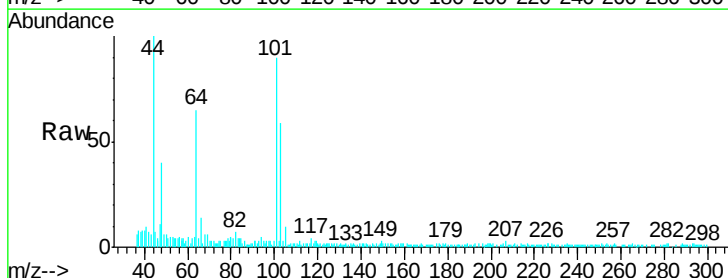
Acq: 31 Oct 2019 16:18

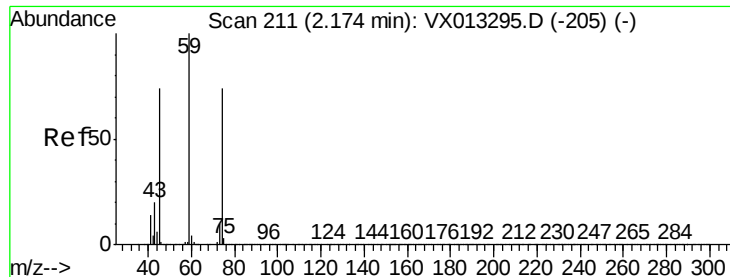
Tgt Ion: 101 Resp: 16474

Ion Ratio Lower Upper

101 100

103 63.0 52.3 78.5





#8

Diethyl Ether

Concen: 1.252 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 74 Resp: 6939

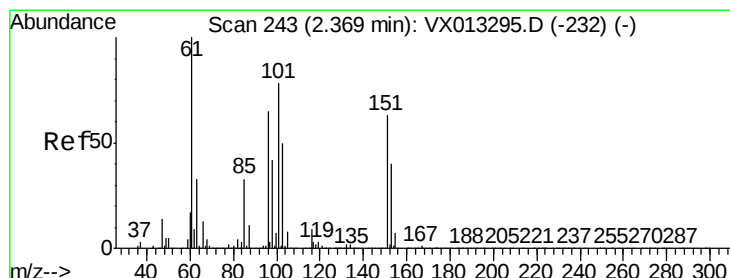
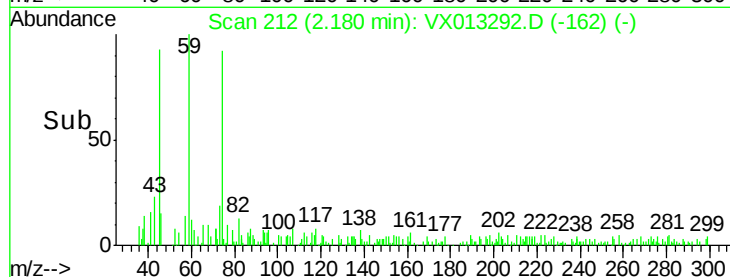
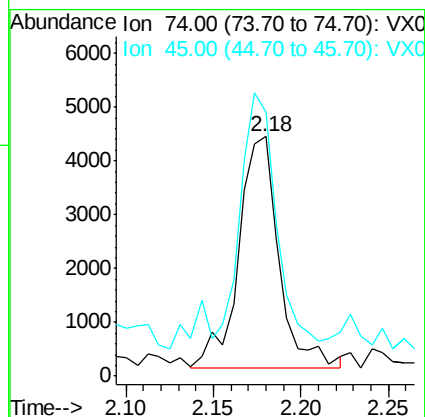
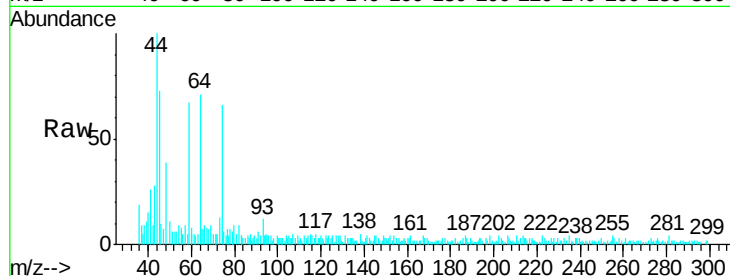
Ion Ratio Lower Upper

74 100

45 95.3 48.5 145.6

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.971 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

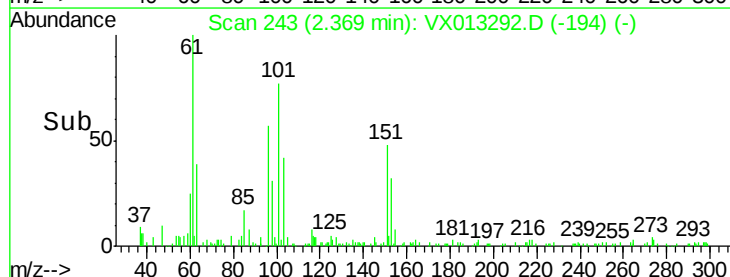
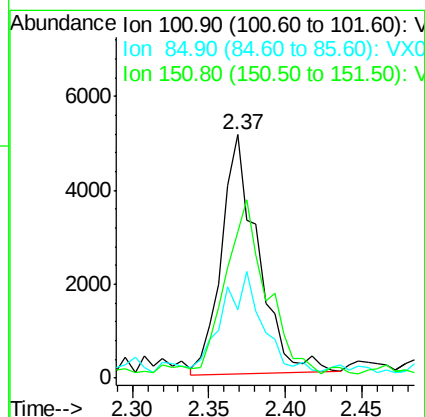
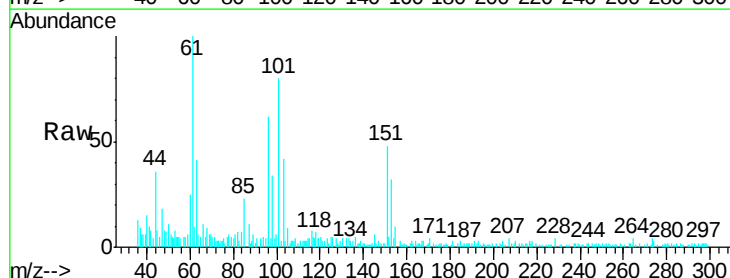
Tgt Ion: 101 Resp: 8419

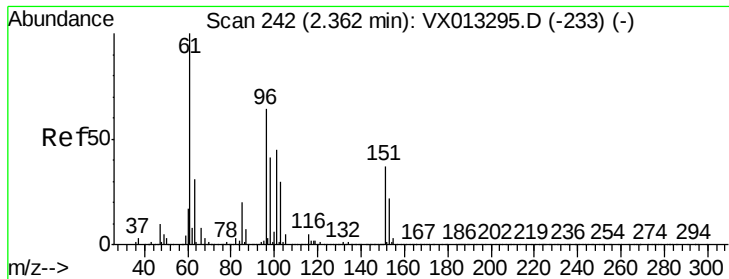
Ion Ratio Lower Upper

101 100

85 44.7 34.4 51.6

151 81.5 66.4 99.6





#12

1,1-Dichloroethene

Concen: 0.878 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

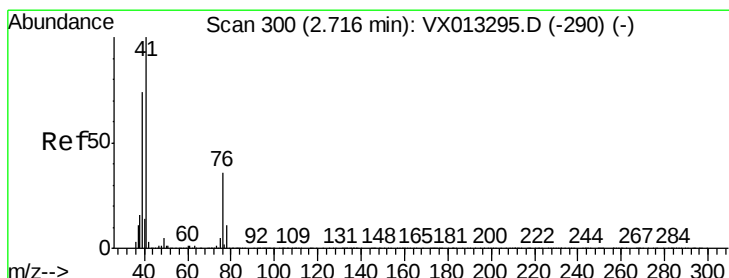
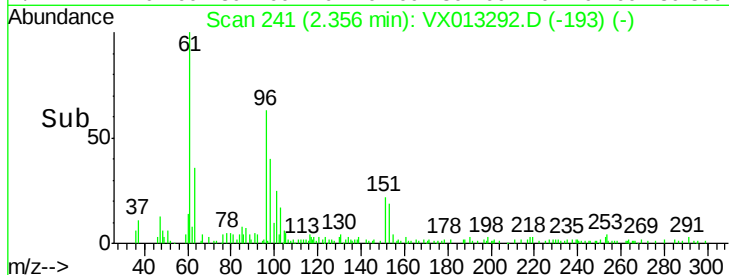
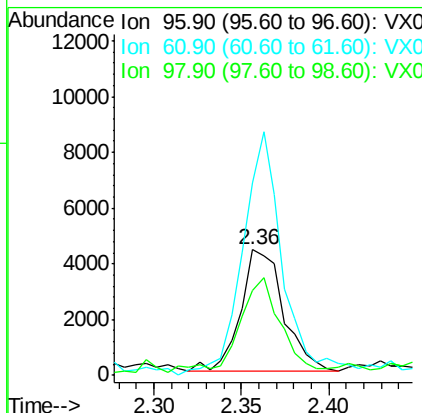
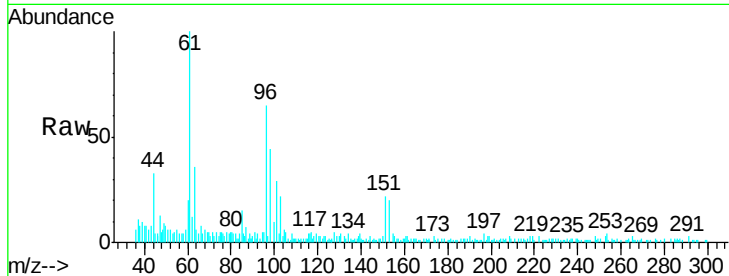
ClientSampleId :

VSTDIC001

Tgt Ion:	96	Resp:	7483
Ion	Ratio	Lower	Upper
96	100		
61	153.6	125.0	187.6
98	63.3	50.7	76.1

Manual Integrations
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#14

Allyl chloride

Concen: 1.079 ug/l

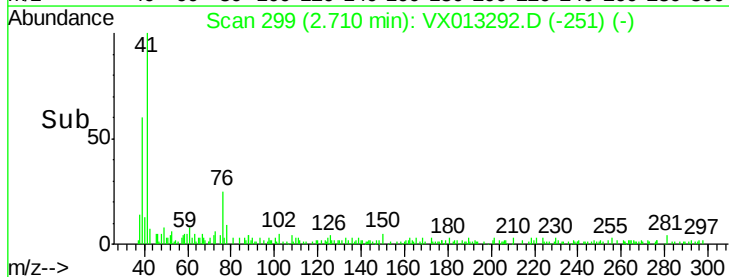
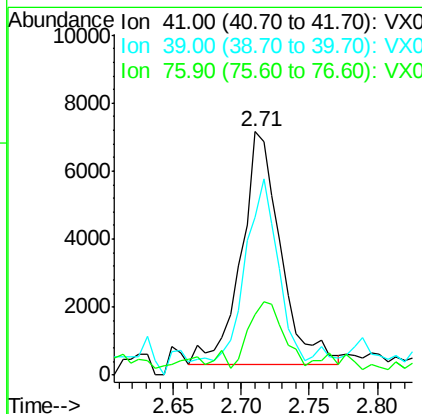
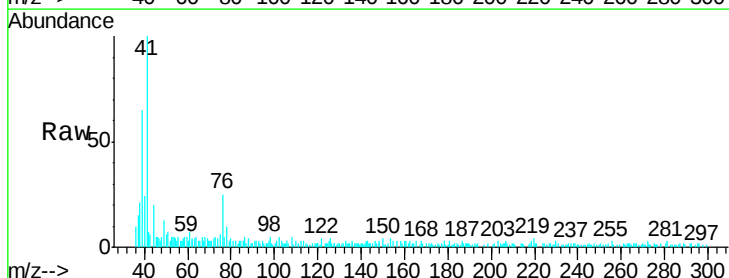
RT: 2.71 min Scan# 299

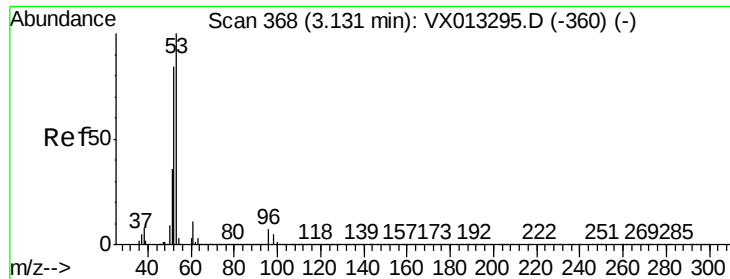
Delta R.T. -0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion:	41	Resp:	13954
Ion	Ratio	Lower	Upper
41	100		
39	67.6	55.8	83.8
76	25.0	26.4	39.6#





#15

Acrylonitrile

Concen: 4.366 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

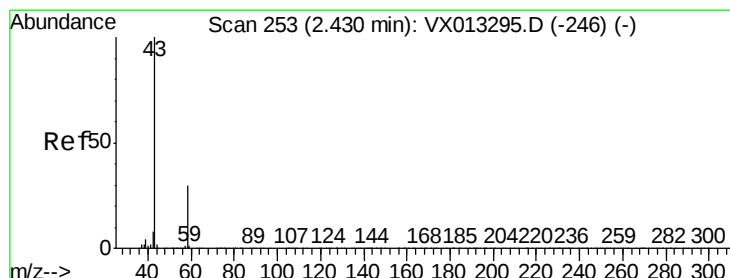
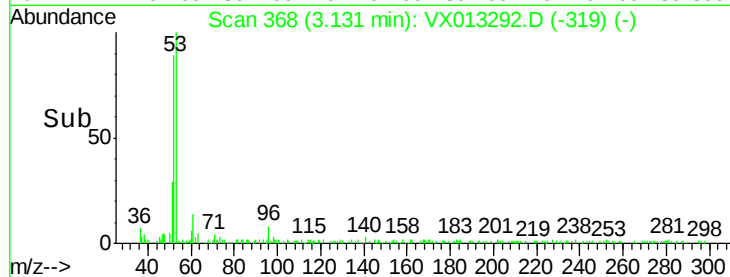
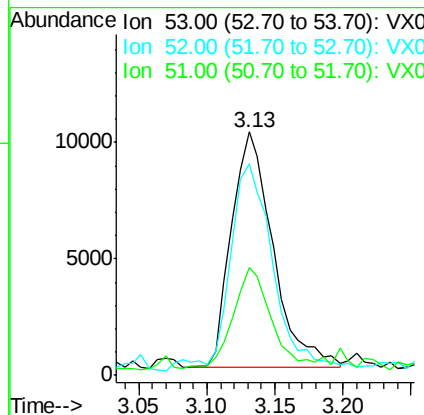
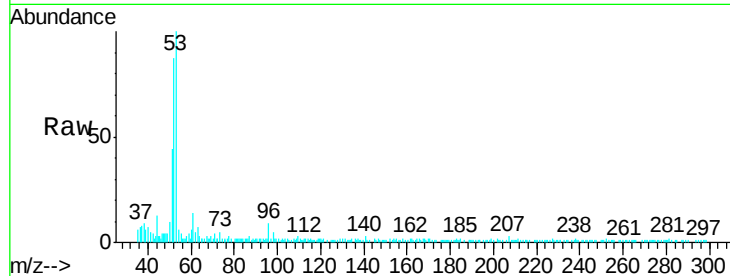
ClientSampleId :

VSTDIC001

Tgt Ion:	53	Resp:	21631
Ion	Ratio	Lower	Upper
53	100		
52	90.4	67.4	101.0
51	38.5	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 5.461 ug/l

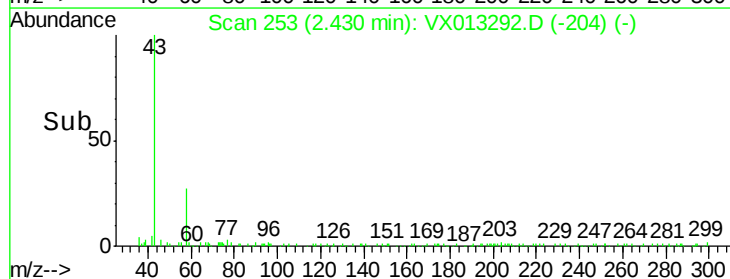
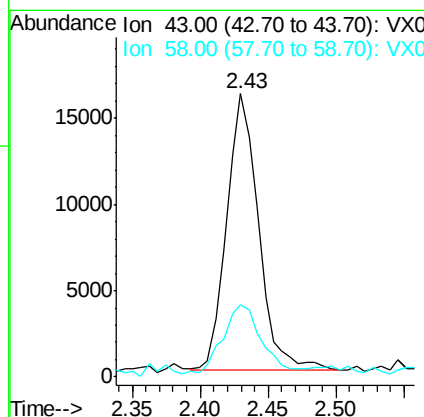
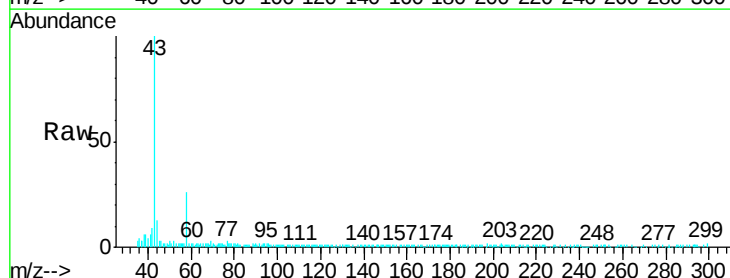
RT: 2.43 min Scan# 253

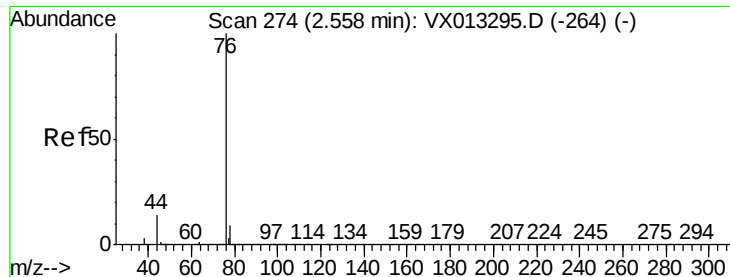
Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion:	43	Resp:	26089
Ion	Ratio	Lower	Upper
43	100		
58	24.0	24.3	36.5#





#17

Carbon Disulfide

Concen: 0.926 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 76 Resp: 20395

Ion Ratio Lower Upper

76 100

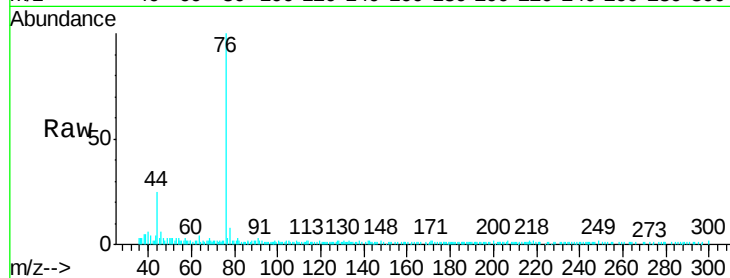
78 6.0 7.0 10.6#

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

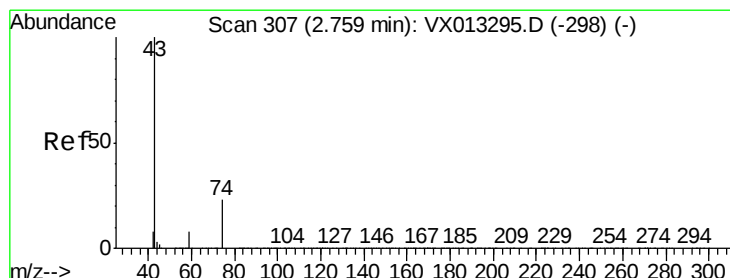
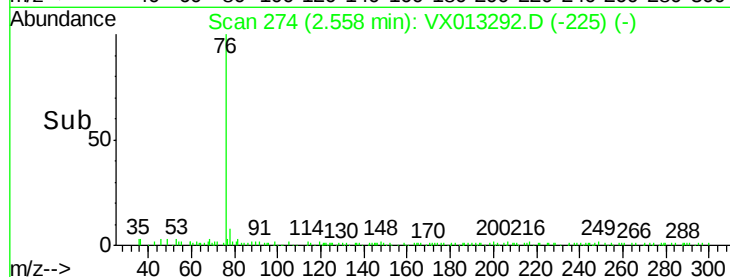
15000

10000

5000

0

Time-->



#18

Methyl Acetate

Concen: 1.212 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013292.D

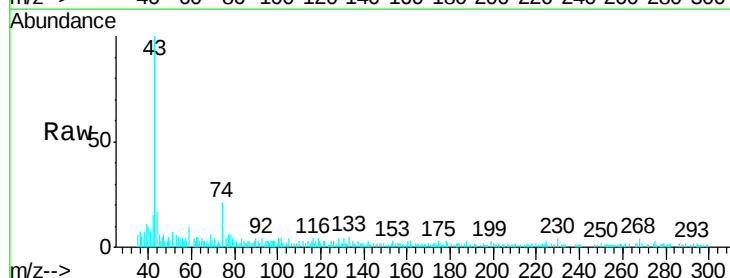
Acq: 31 Oct 2019 16:18

Tgt Ion: 43 Resp: 13934

Ion Ratio Lower Upper

43 100

74 34.7 19.0 28.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

8000

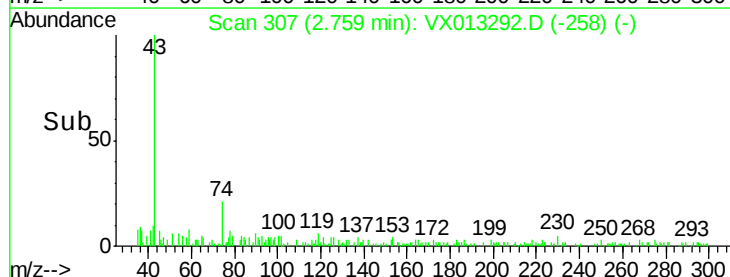
6000

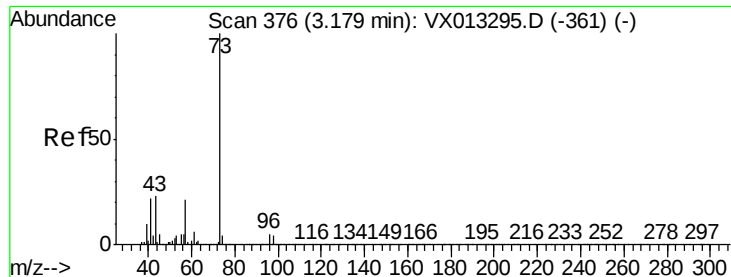
4000

2000

0

Time-->





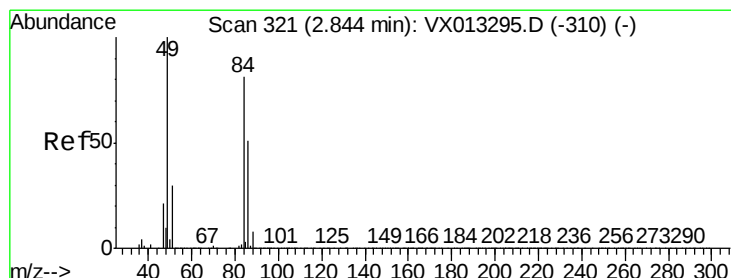
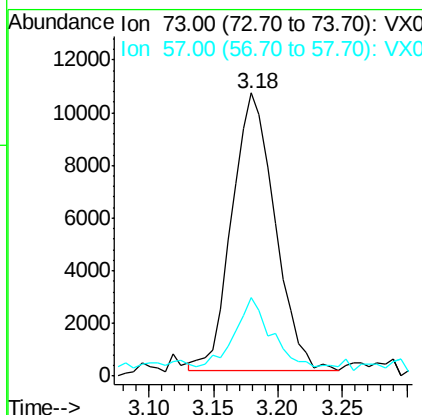
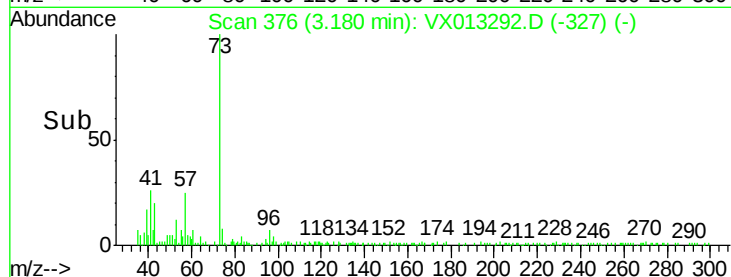
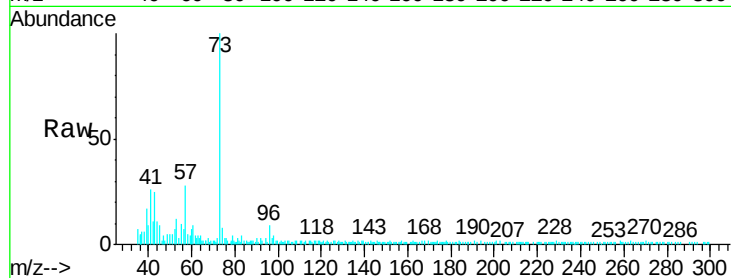
#19
Methyl tert-butyl Ether
Concen: 0.877 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 24464
Ion Ratio Lower Upper
73 100
57 24.9 17.1 25.7

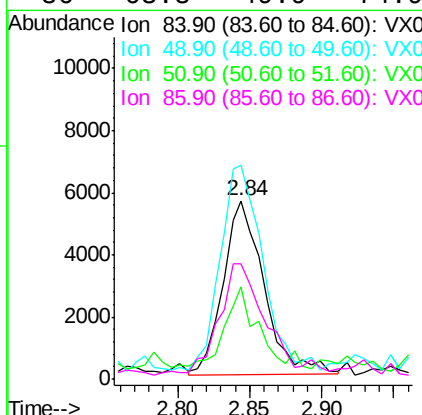
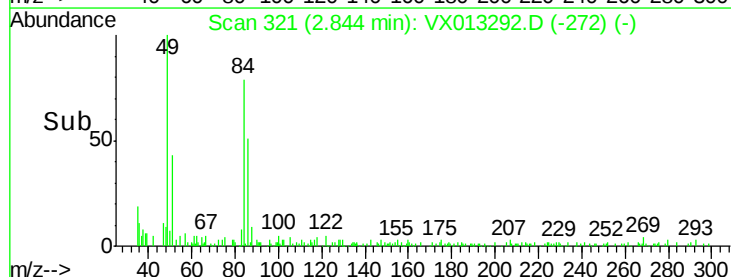
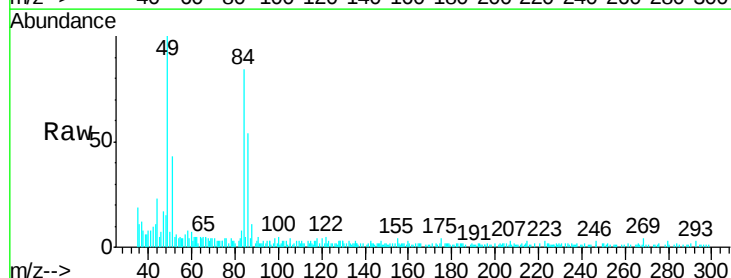
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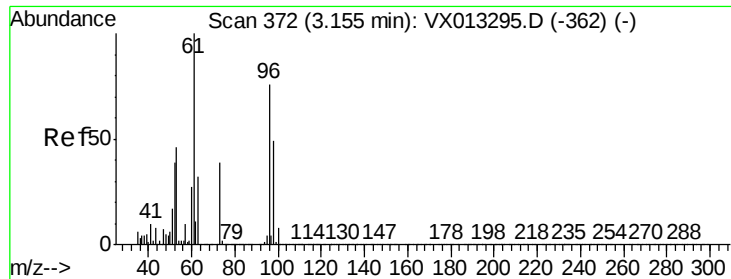
MMDadoda
11/4/2019 3:40:54 PM



#20
Methylene Chloride
Concen: 1.141 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion: 84 Resp: 11188
Ion Ratio Lower Upper
84 100
49 119.8 98.2 147.4
51 45.4 29.9 44.9#
86 63.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 0.937 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

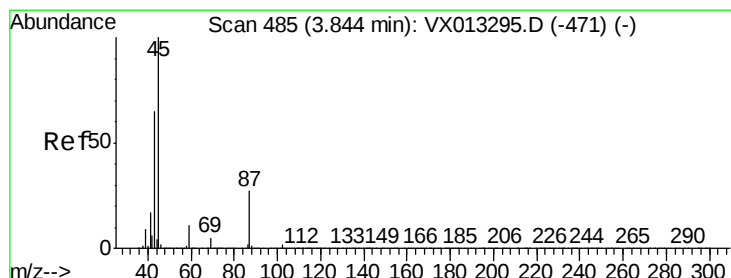
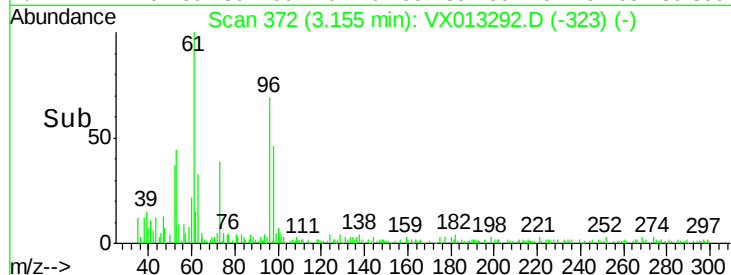
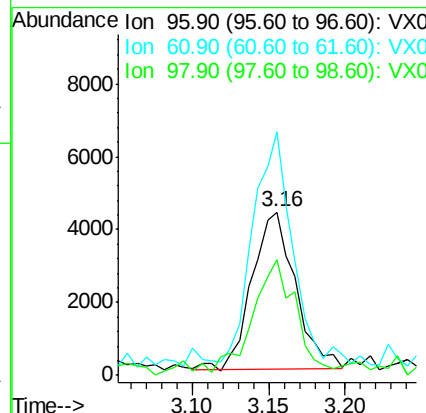
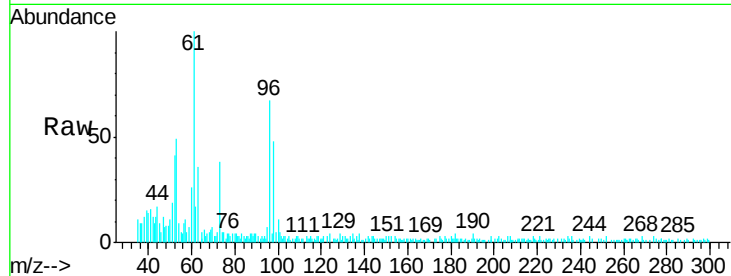
ClientSampleId :

VSTDIC001

Tgt Ion:	96	Resp:	8520
Ion	Ratio	Lower	Upper
96	100		
61	142.6	105.8	158.6
98	71.6	51.8	77.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 0.932 ug/l

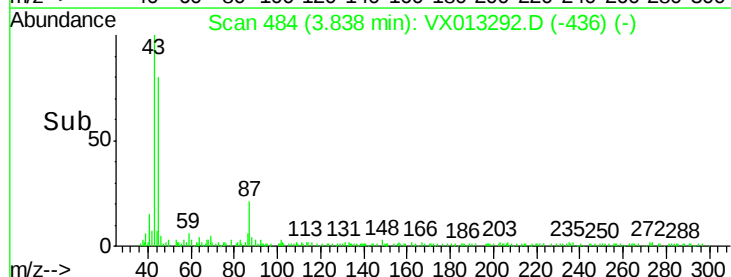
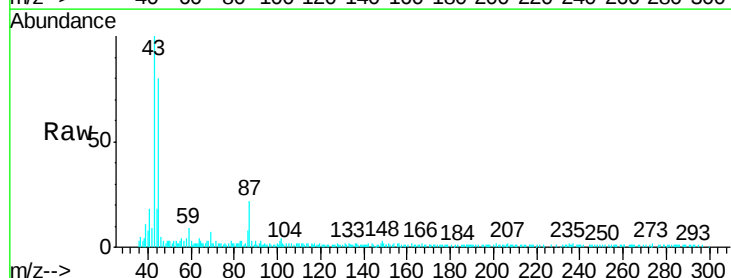
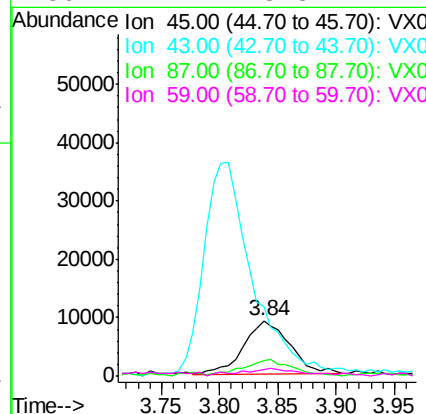
RT: 3.84 min Scan# 484

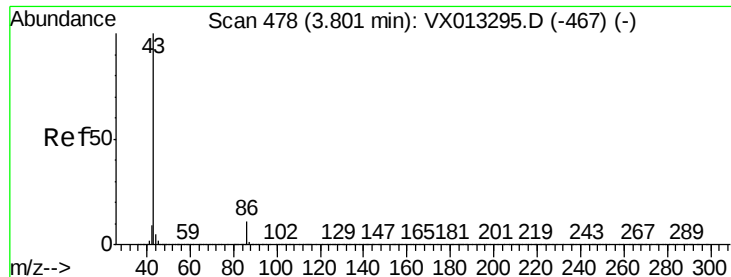
Delta R.T. -0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion:	45	Resp:	25222
Ion	Ratio	Lower	Upper
45	100		
43	114.7	54.2	81.2#
87	28.0	21.8	32.8
59	7.1	8.5	12.7#





#23

Vinyl Acetate

Concen: 4.789 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 109170

Ion Ratio Lower Upper

43 100

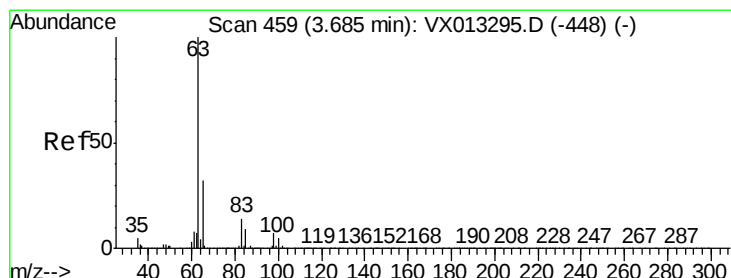
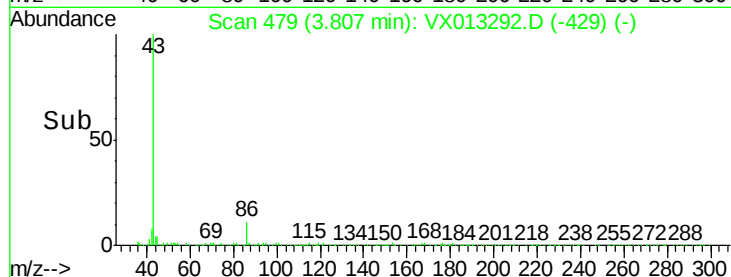
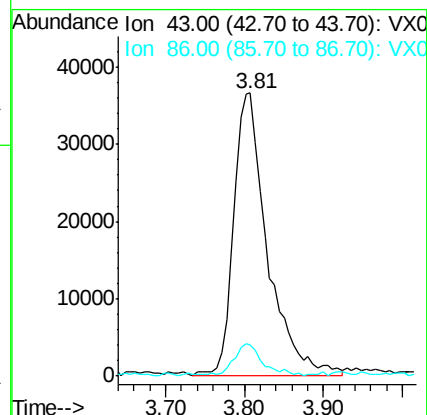
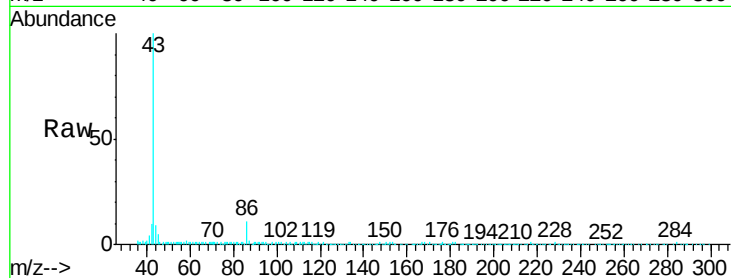
86 10.5 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 1.012 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

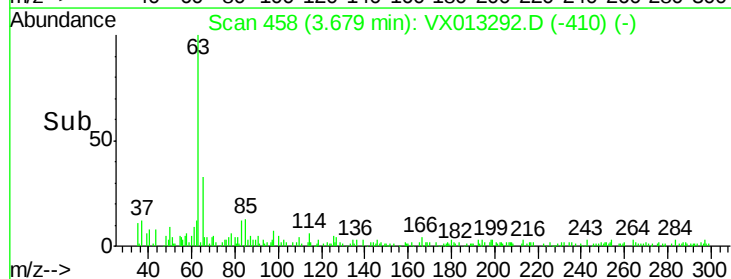
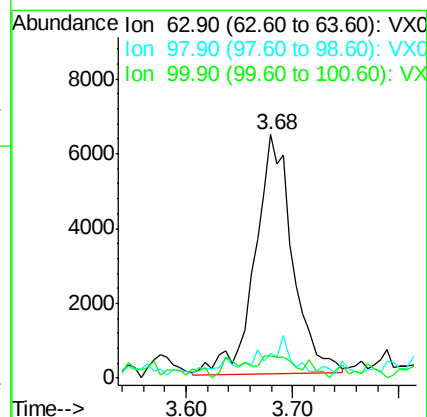
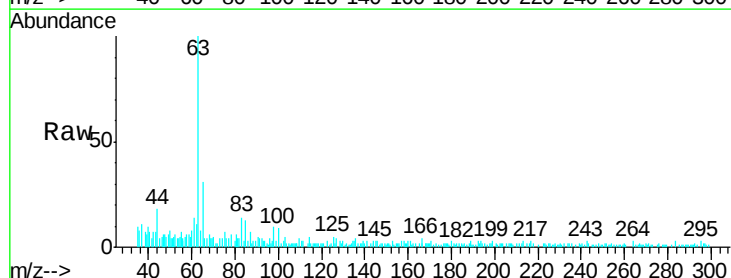
Tgt Ion: 63 Resp: 15708

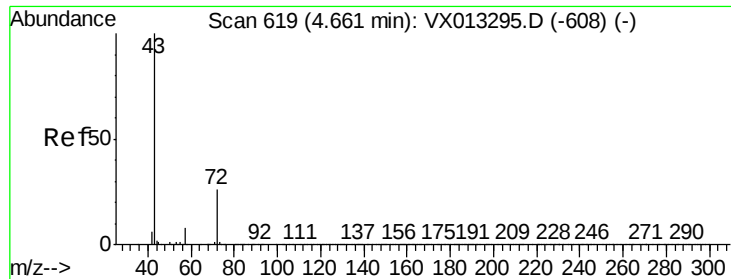
Ion Ratio Lower Upper

63 100

98 8.5 3.5 10.4

100 5.3 2.4 7.2





#25

2-Butanone

Concen: 4.827 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 33349

Ion Ratio Lower Upper

43 100

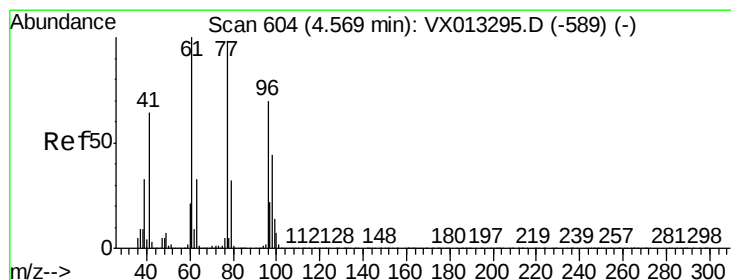
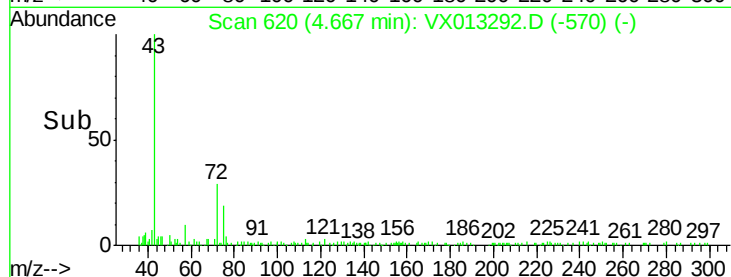
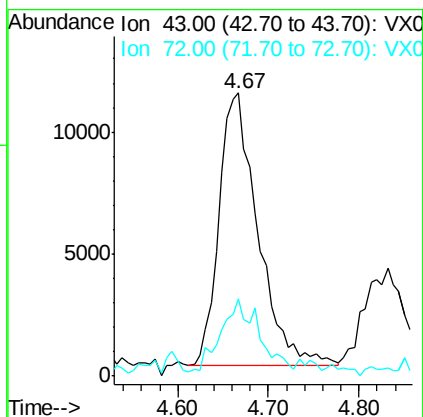
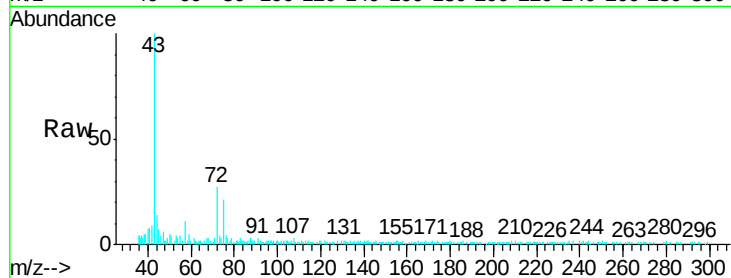
72 26.7 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 0.993 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013292.D

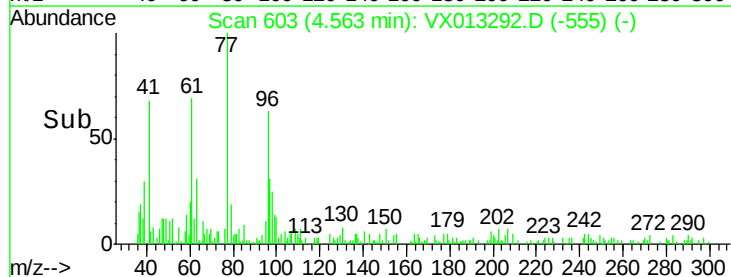
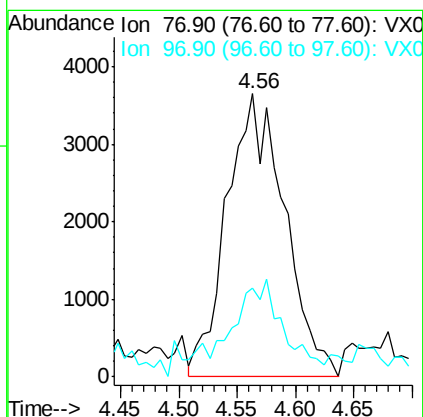
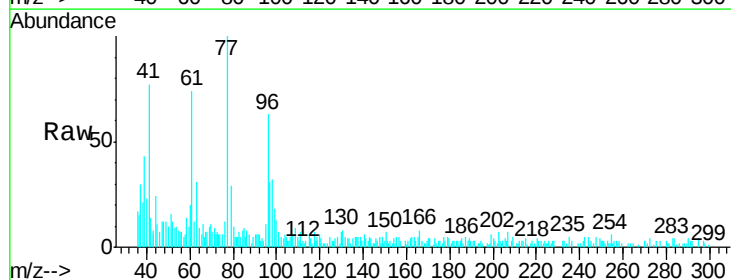
Acq: 31 Oct 2019 16:18

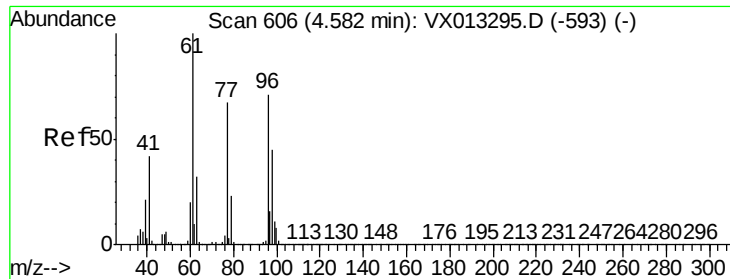
Tgt Ion: 77 Resp: 12551

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.8





#27

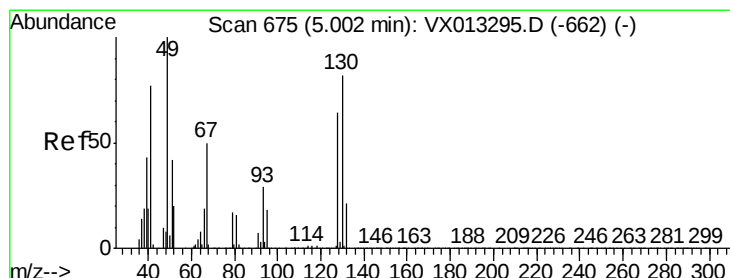
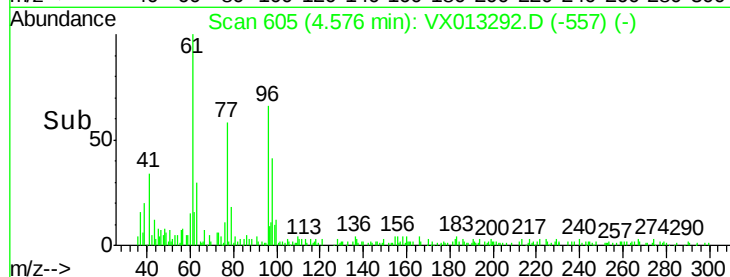
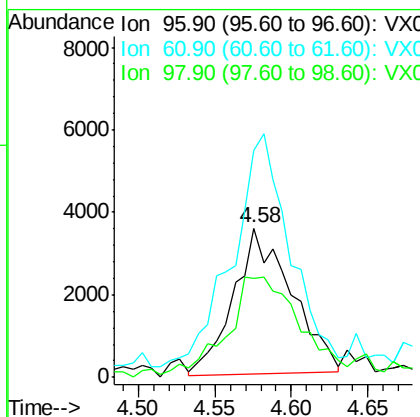
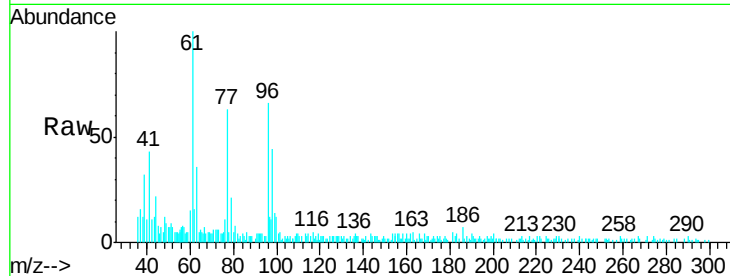
cis-1,2-Dichloroethene
Concen: 0.881 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	9300		
61	163.6	0.0	288.0	
98	81.8	0.0	129.6	

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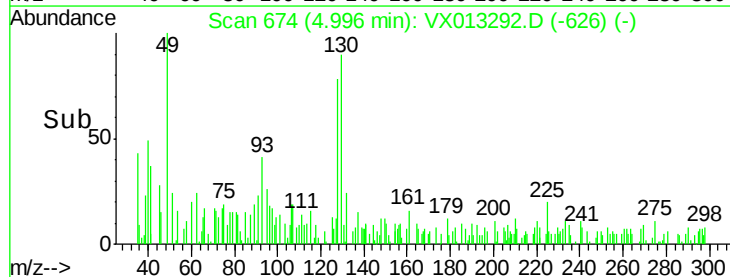
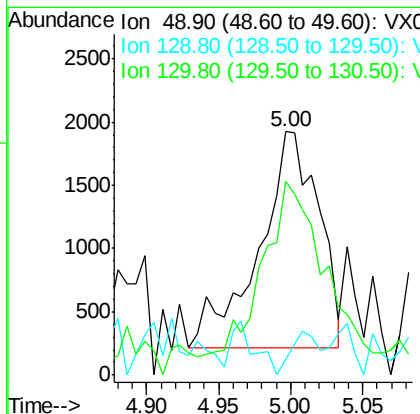
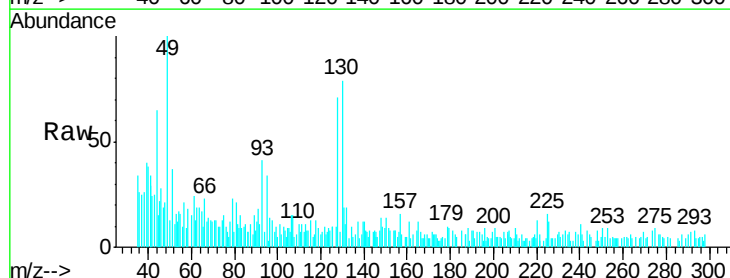
MMDadoda
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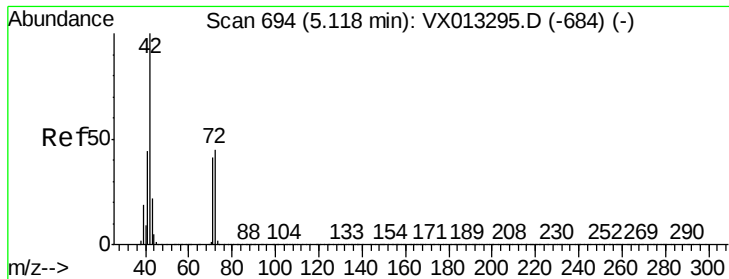


#28

Bromochloromethane
Concen: 0.726 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	4936		
129	9.1	0.0	5.2#	
130	85.9	63.8	95.6	





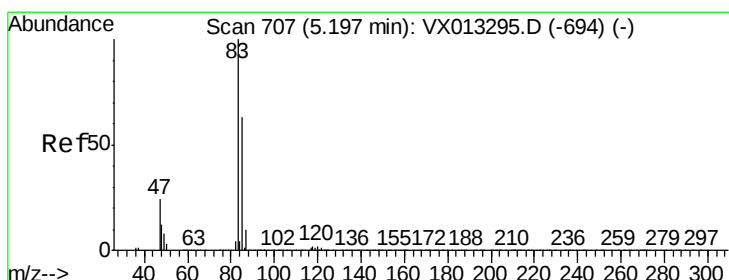
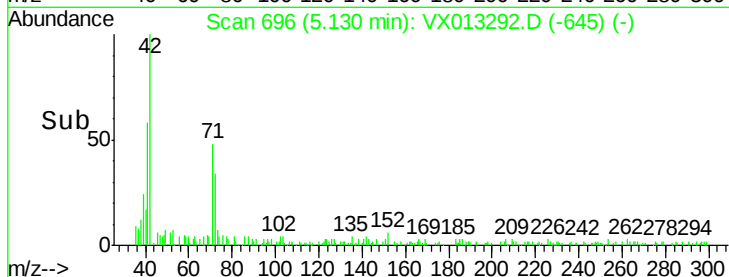
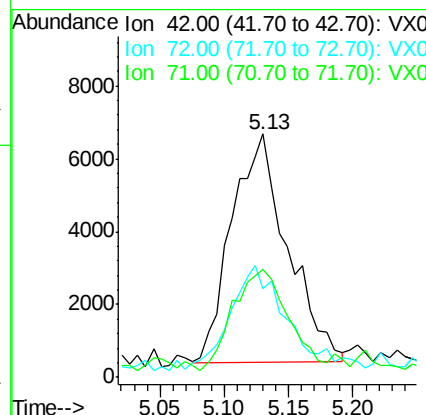
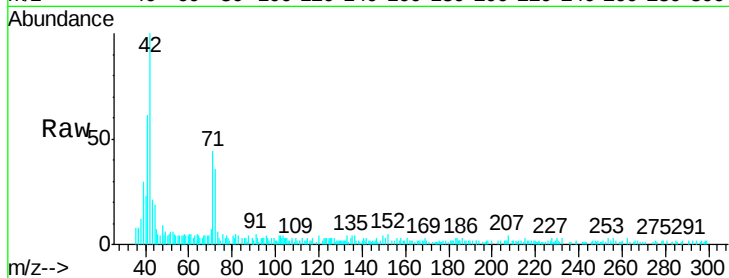
#29
Tetrahydrofuran
Concen: 4.328 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.4	35.8	53.8
71	43.1	33.4	50.0

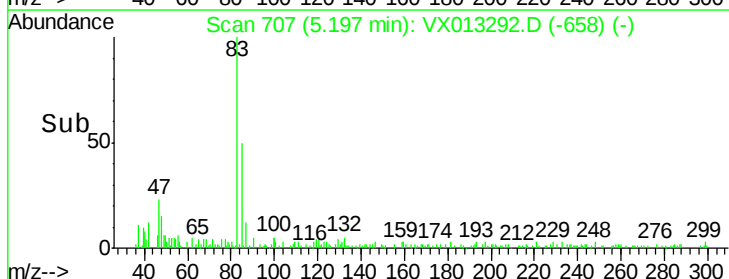
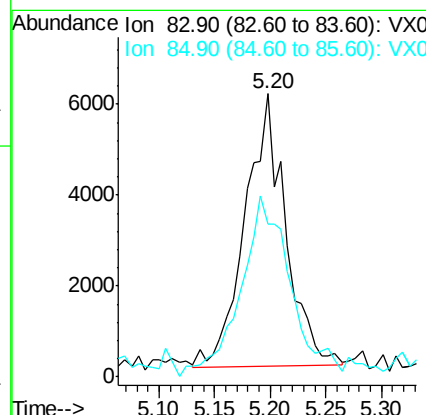
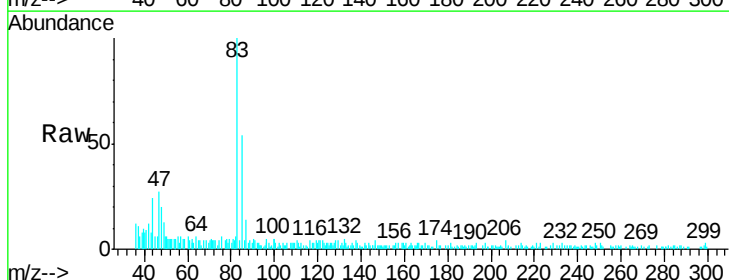
Manual Integrations
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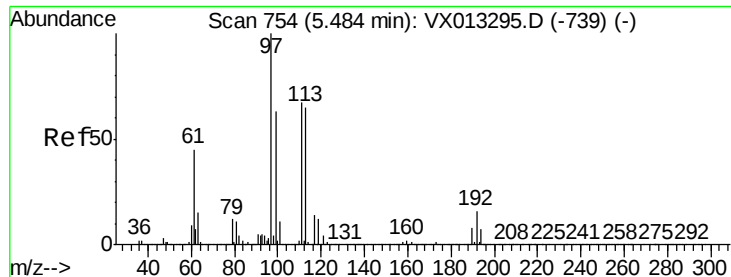
MMDadoda
11/4/2019 3:40:54 PM



#30
Chloroform
Concen: 0.916 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	54.1	50.2	75.4





#32

1,1,1-Trichloroethane

Concen: 0.962 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

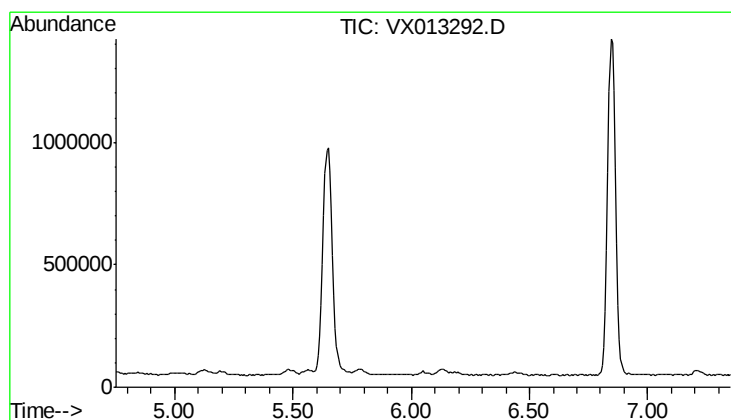
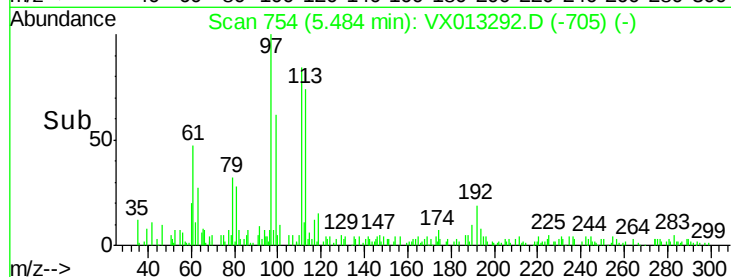
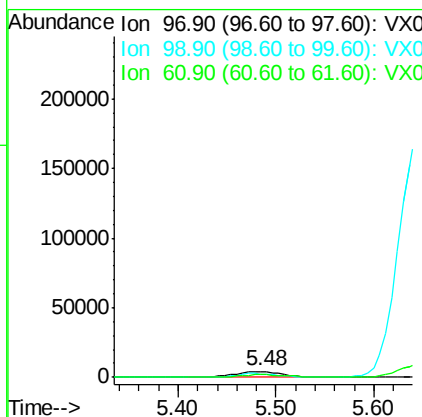
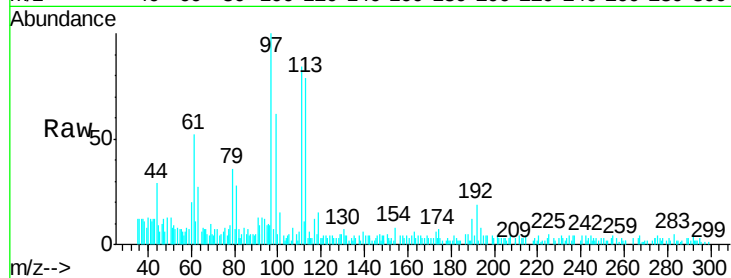
ClientSampleId :

VSTDIC001

Tgt Ion:	97	Resp:	13687
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.1	76.7#
61	46.4	36.5	54.7

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#33

1,2-Dichloroethane-d4

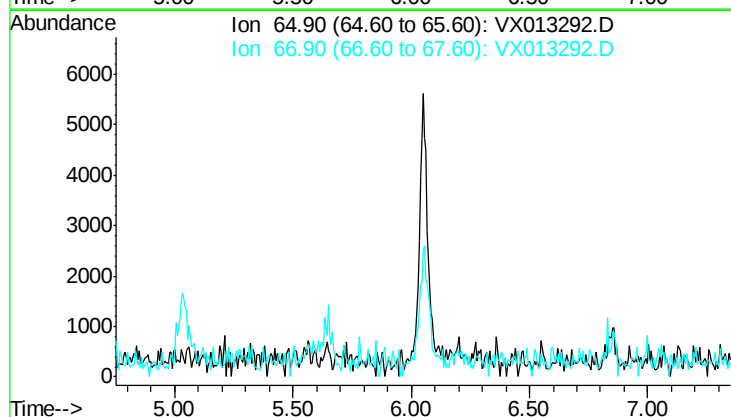
Concen: 0.000 ug/l

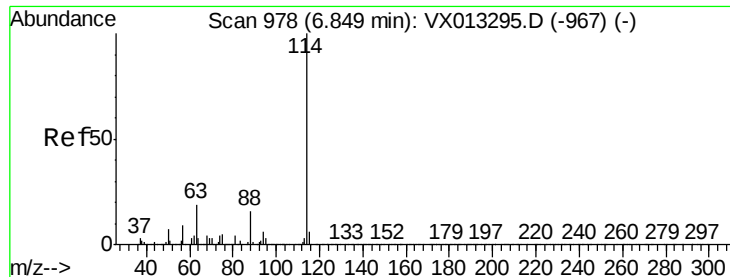
Expected RT: 6.05 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion:	65
Sig	Exp Ratio
65	100
67	52.1





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

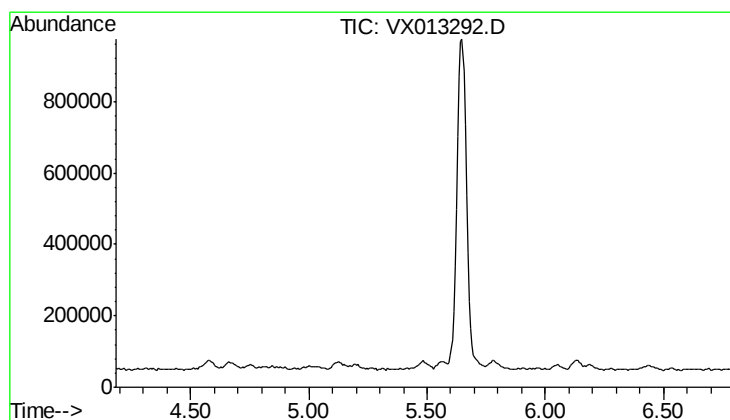
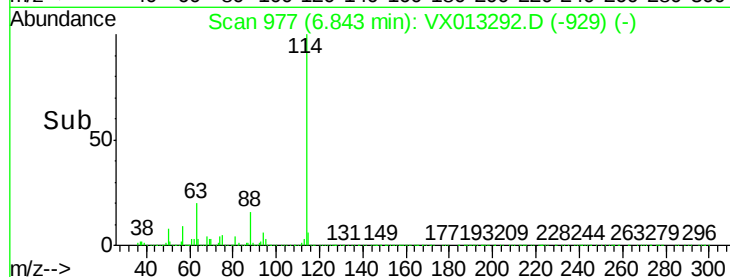
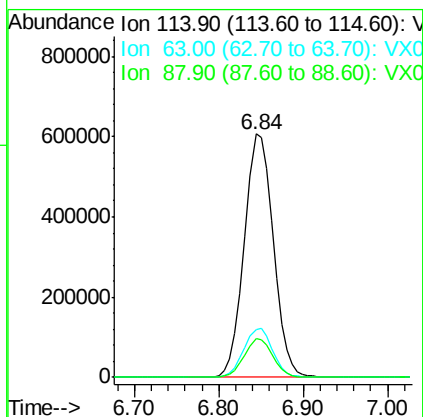
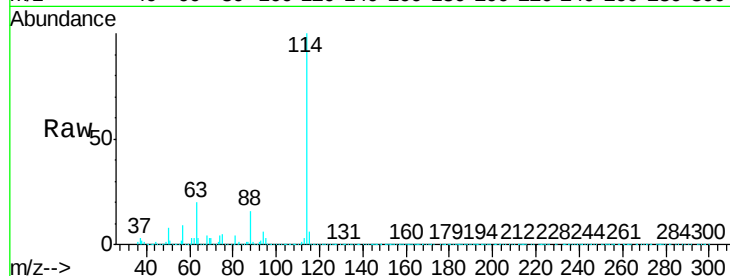
ClientSampleId :

VSTDIC001

Tgt Ion:	114	Resp:	1418632
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.4
88	16.0	0.0	32.2

Manual Integrations
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#35

Dibromofluoromethane

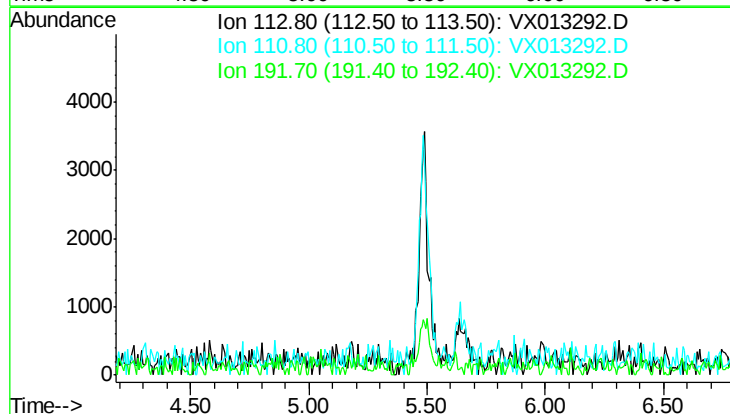
Concen: 0.000 ug/l

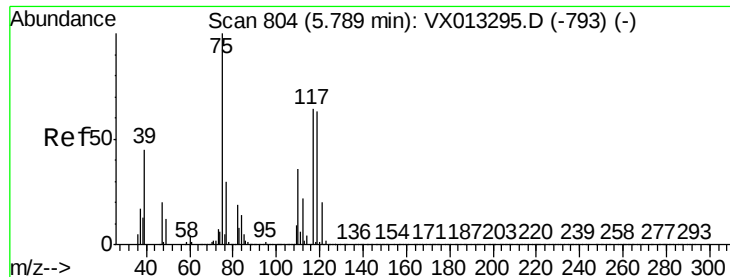
Expected RT: 5.48 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion:	113
Sig	Exp Ratio
113	100
111	102.4
192	23.9





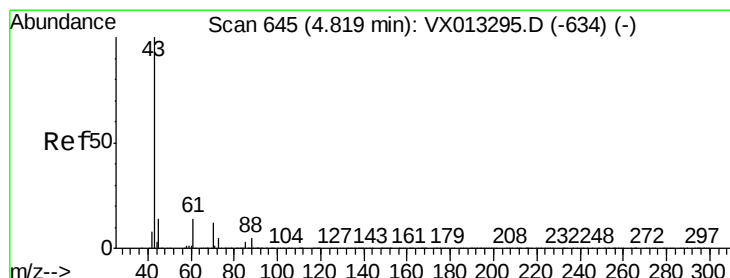
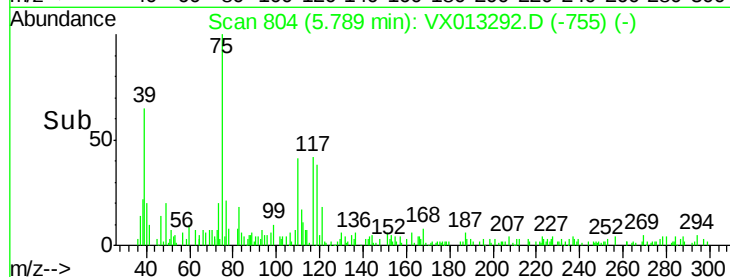
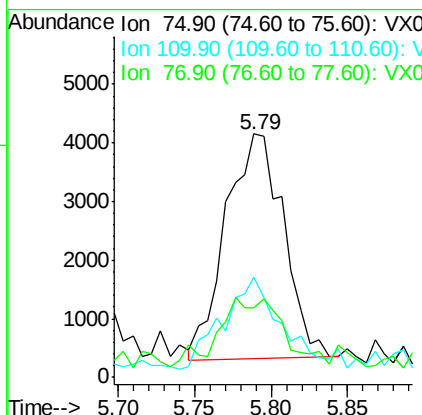
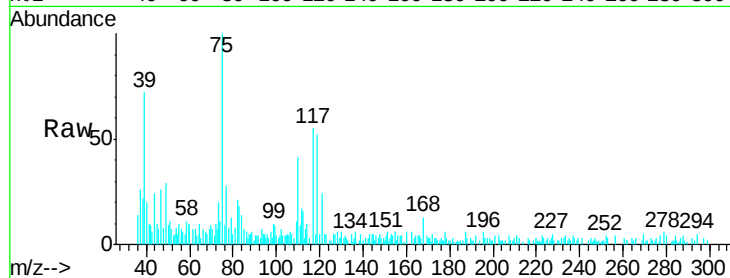
#36
 1,1-Dichloropropene
 Concen: 0.845 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
75	100		
110	43.2	18.1	54.1
77	34.5	25.0	37.4

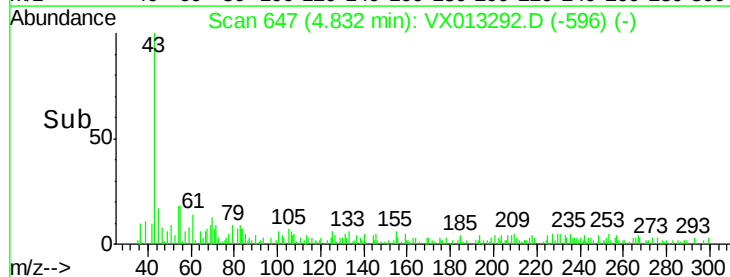
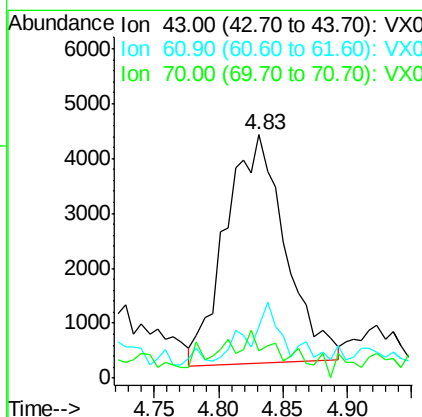
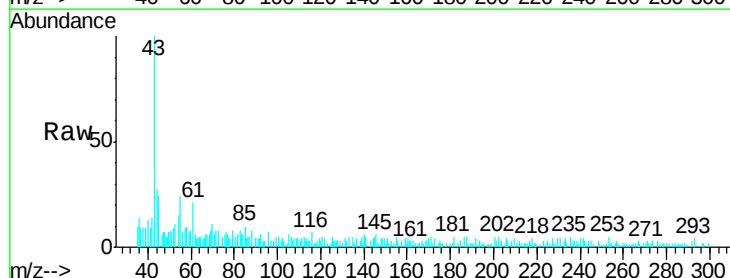
Manual Integrations
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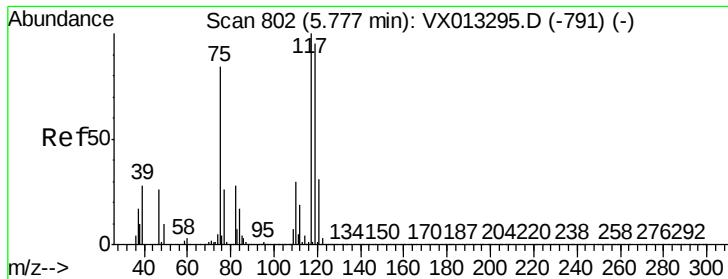
MMDadoda
 11/4/2019 3:40:54 PM



#37
 Ethyl Acetate
 Concen: 1.073 ug/l
 RT: 4.83 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.1	10.7	16.1
70	6.7	8.7	13.1#





#38

Carbon Tetrachloride

Concen: 0.815 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

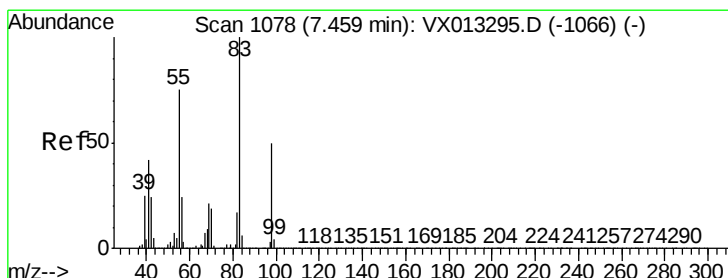
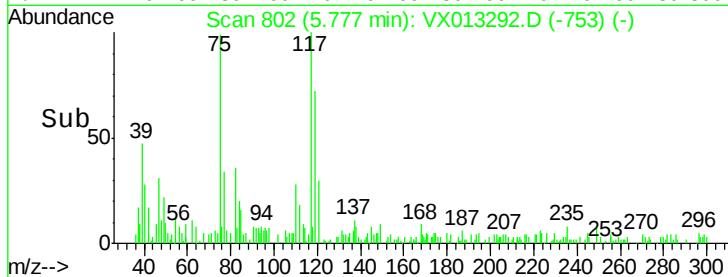
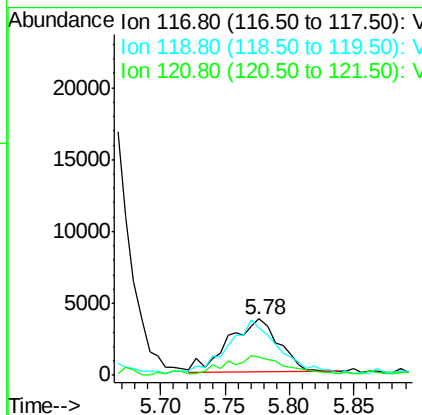
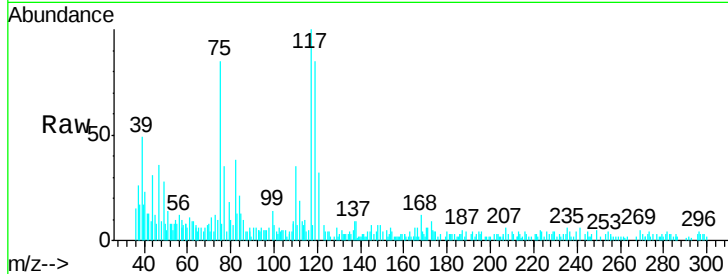
ClientSampleId :

VSTDIC001

Tgt Ion:	117	Resp:	9939
Ion	Ratio	Lower	Upper
117	100		
119	91.4	76.1	114.1
121	31.8	24.6	37.0

Manual Integrations
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#39

Methylcyclohexane

Concen: 0.942 ug/l

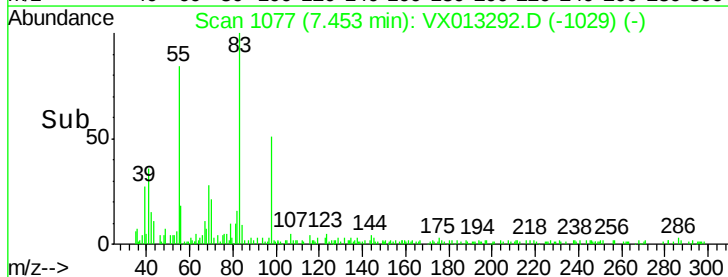
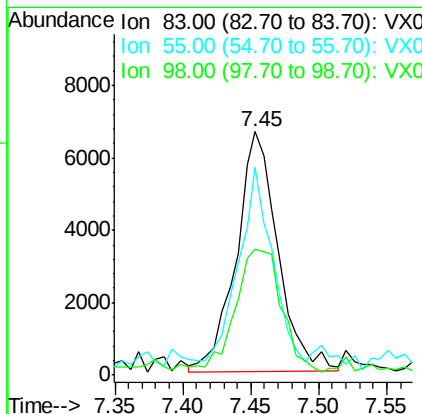
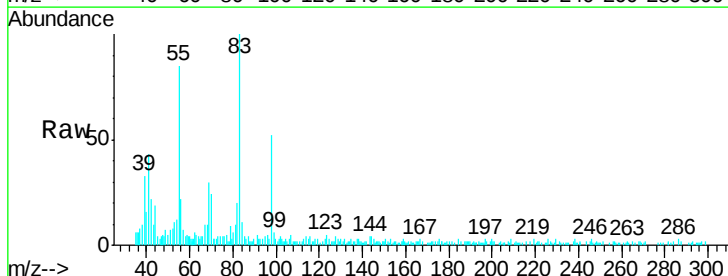
RT: 7.45 min Scan# 1077

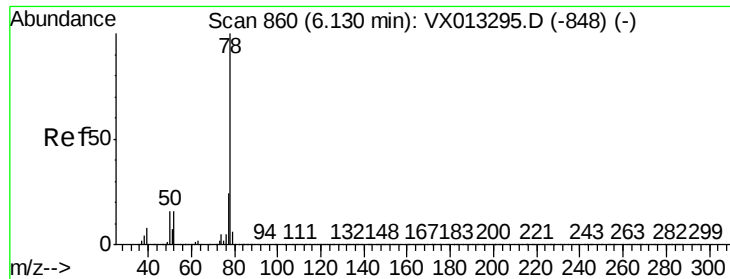
Delta R.T. -0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion:	83	Resp:	14287
Ion	Ratio	Lower	Upper
83	100		
55	81.5	60.3	90.5
98	50.6	40.3	60.5





#40

Benzene

Concen: 0.988 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 78 Resp: 35773

Ion Ratio Lower Upper

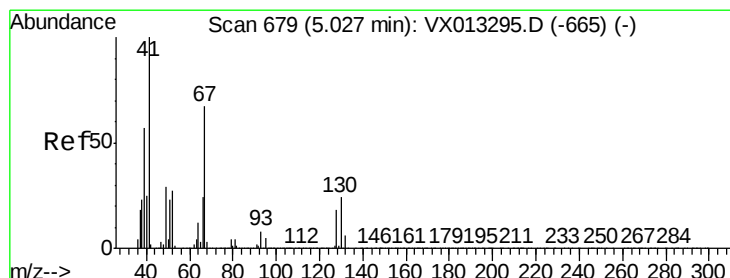
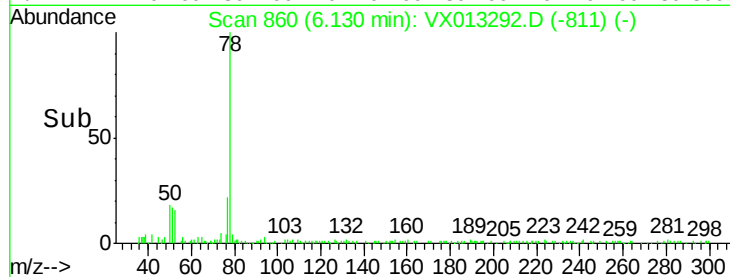
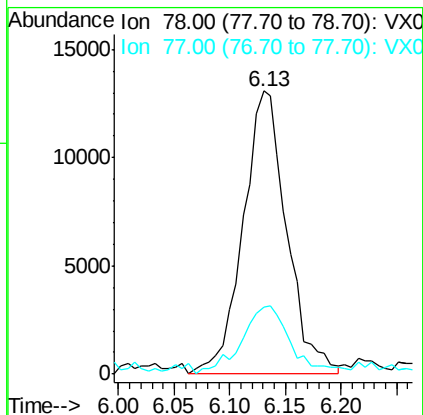
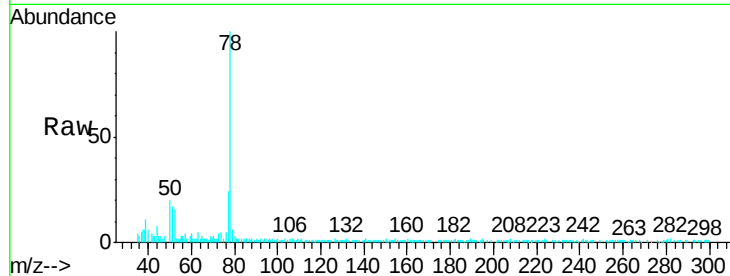
78 100

77 21.2 19.5 29.3

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#41

Methacrylonitrile

Concen: 1.013 ug/l m

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion: 41 Resp: 7260

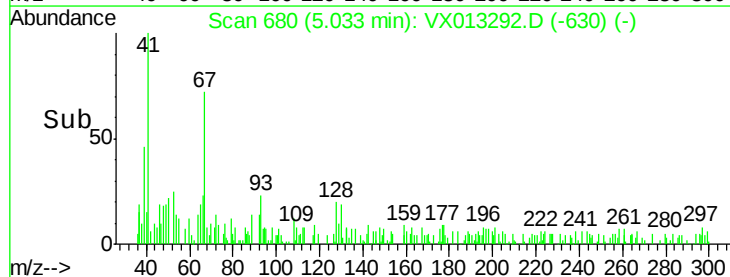
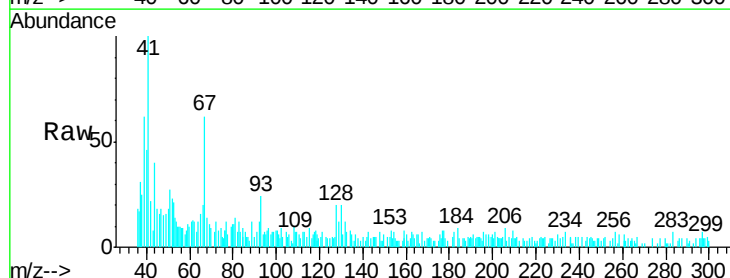
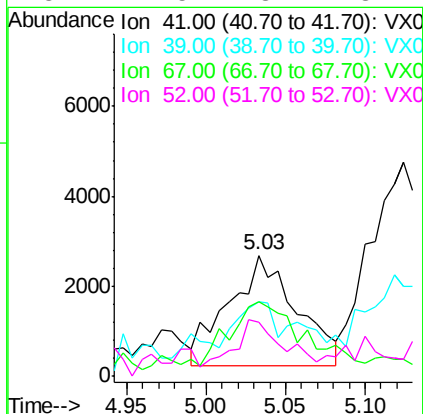
Ion Ratio Lower Upper

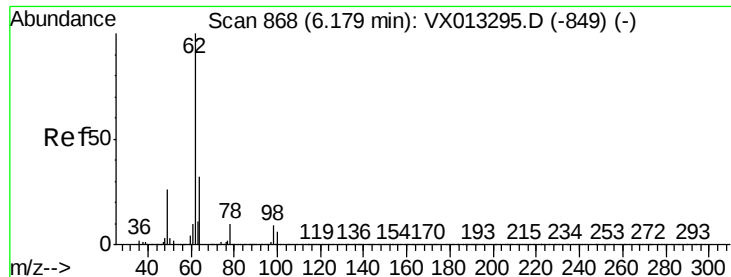
41 100

39 23.5 45.0 67.6#

67 59.0 55.4 83.2

52 27.5 23.1 34.7





#42

1,2-Dichloroethane

Concen: 0.940 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

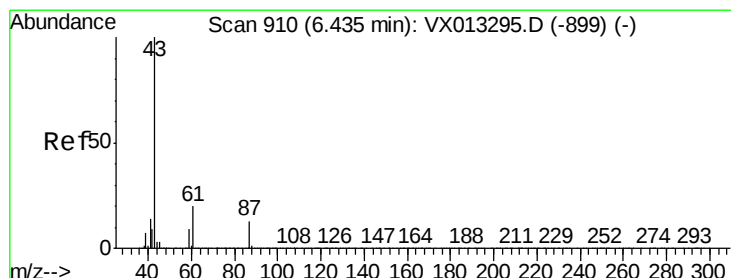
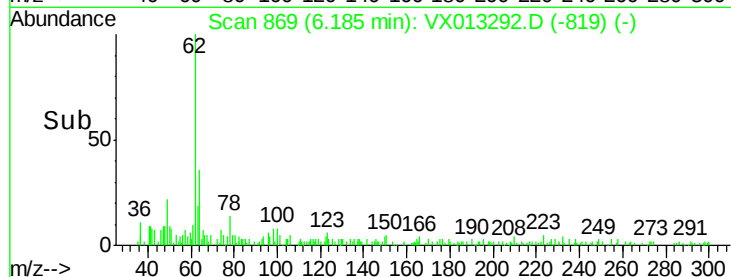
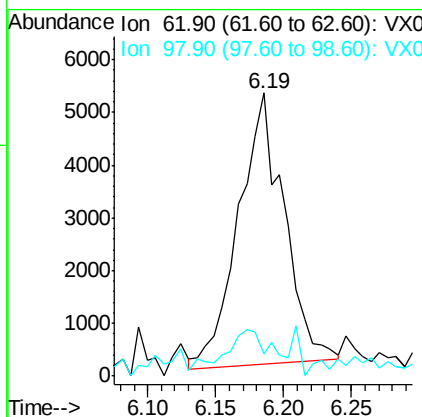
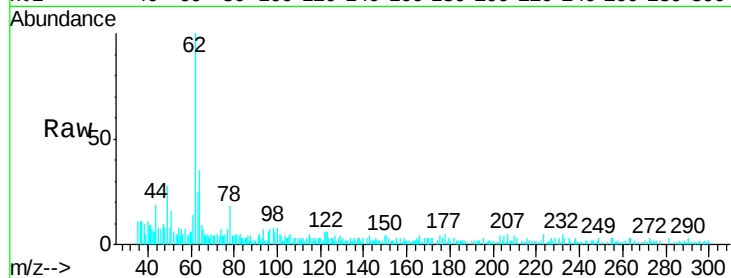
ClientSampleId :

VSTDIC001

Tgt Ion:	62	Resp:	12038
Ion Ratio	Lower	Upper	
62	100		
98	12.6	0.0	19.4

Manual Integrations
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#43

Isopropyl Acetate

Concen: 0.912 ug/l

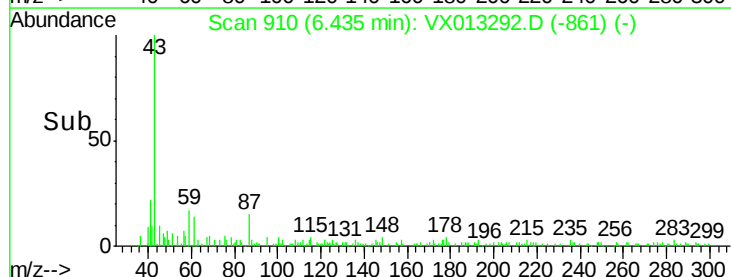
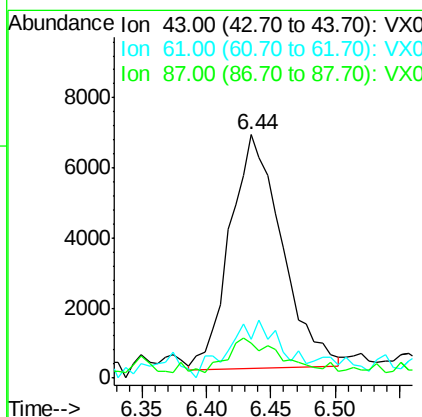
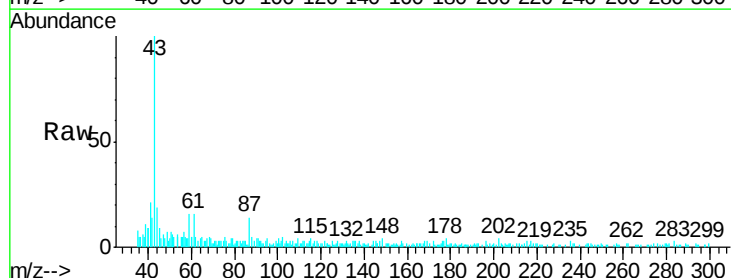
RT: 6.44 min Scan# 910

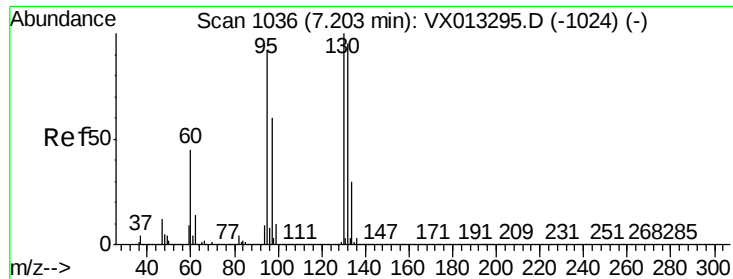
Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion:	43	Resp:	18712
Ion Ratio	Lower	Upper	
43	100		
61	12.3	15.8	23.8#
87	16.2	10.4	15.6#





#44

Trichloroethene

Concen: 1.012 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tgt Ion:130 Resp: 10708

Ion Ratio Lower Upper

130 100

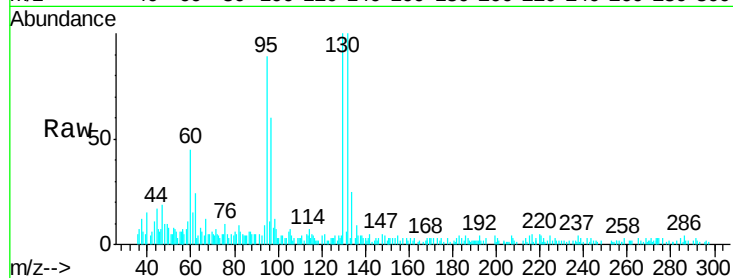
95 86.7 0.0 184.8

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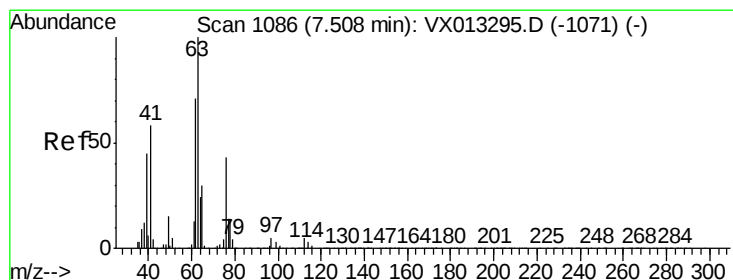
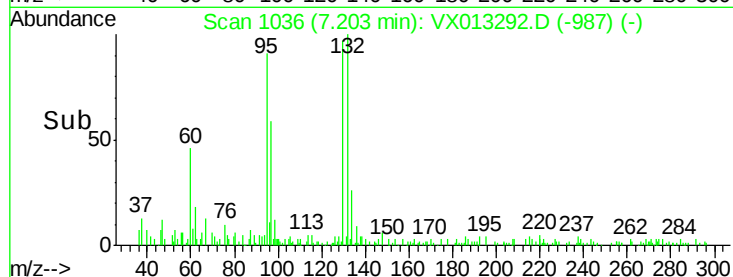
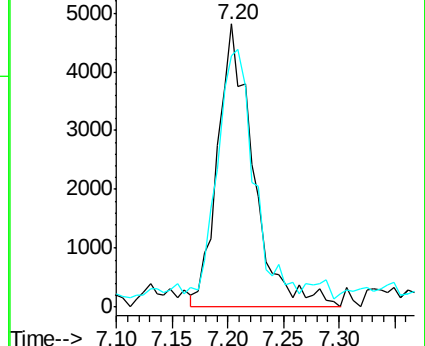
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.902 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013292.D

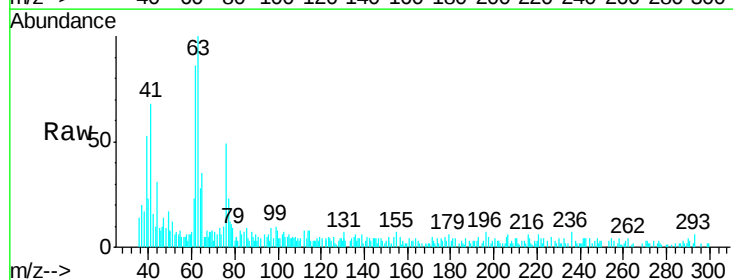
Acq: 31 Oct 2019 16:18

Tgt Ion: 63 Resp: 8348

Ion Ratio Lower Upper

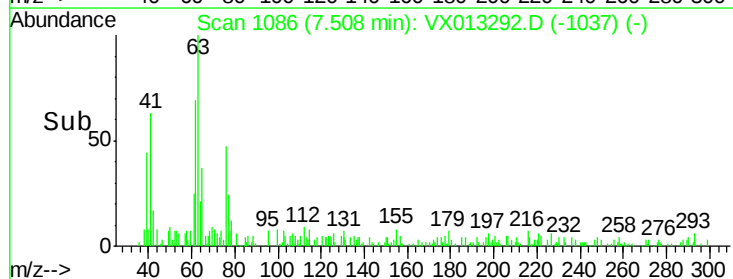
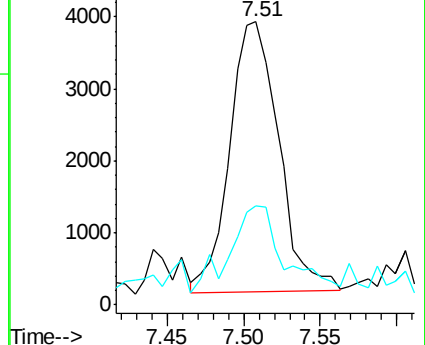
63 100

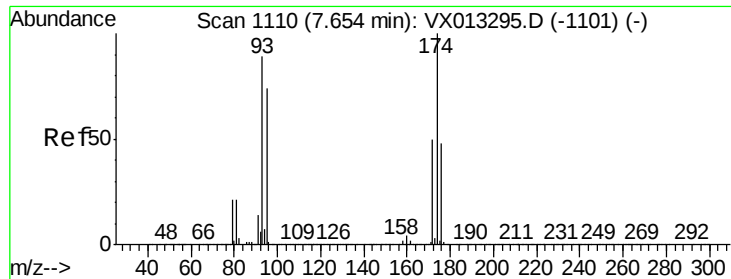
65 32.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 0.934 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

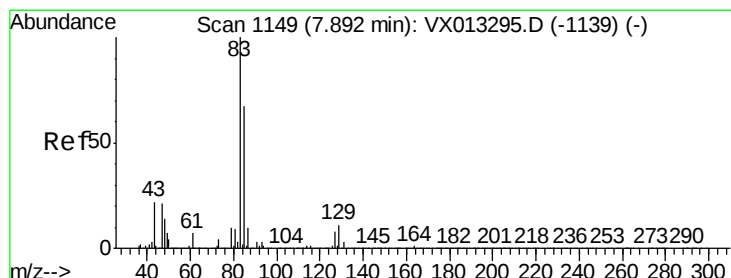
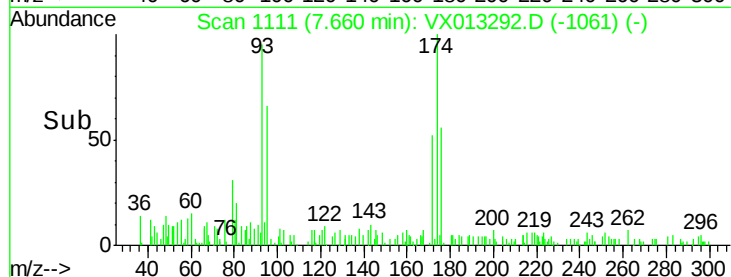
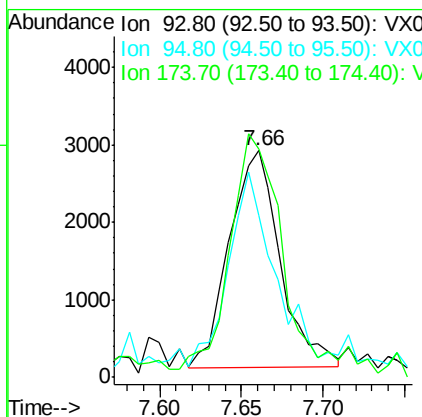
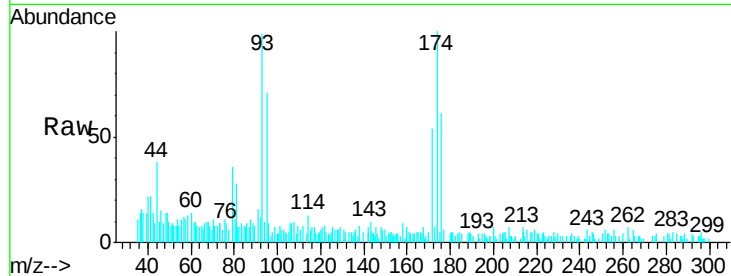
ClientSampleId :

VSTDIC001

Tgt Ion:	93	Resp:	6106
Ion	Ratio	Lower	Upper
93	100		
95	78.2	65.8	98.6
174	110.8	90.4	135.6

Manual Integrations
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#47

Bromodichloromethane

Concen: 0.873 ug/l

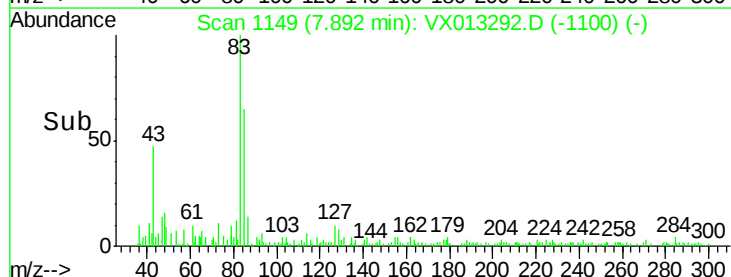
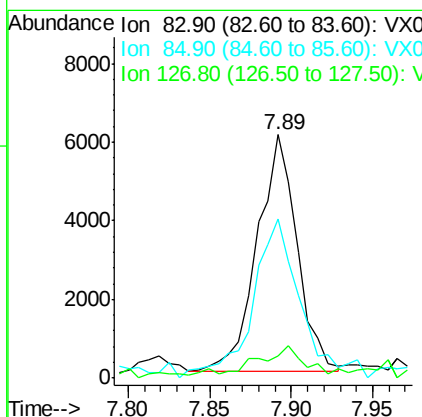
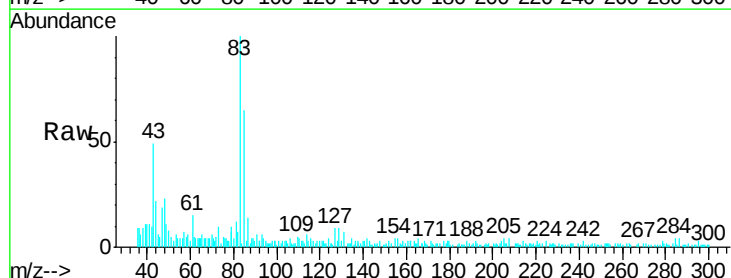
RT: 7.89 min Scan# 1149

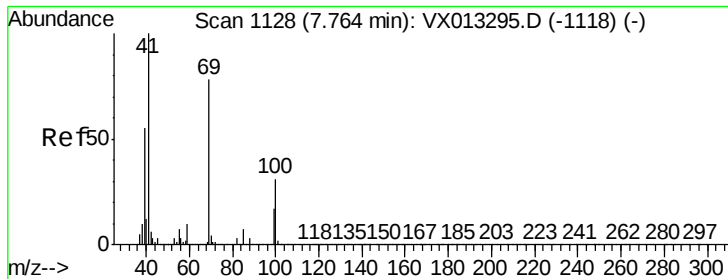
Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion:	83	Resp:	10290
Ion	Ratio	Lower	Upper
83	100		
85	64.9	53.7	80.5
127	8.2	6.4	9.6





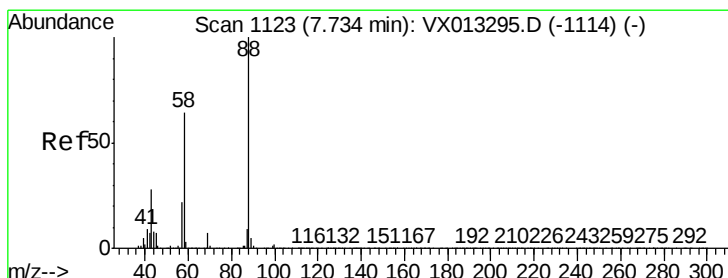
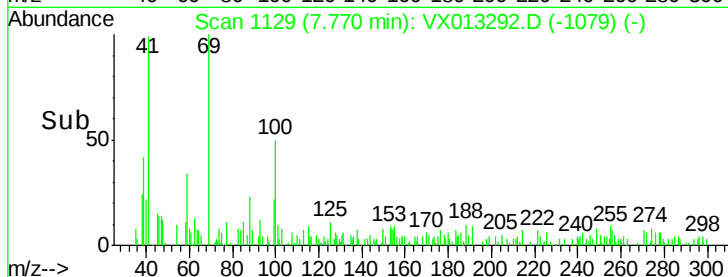
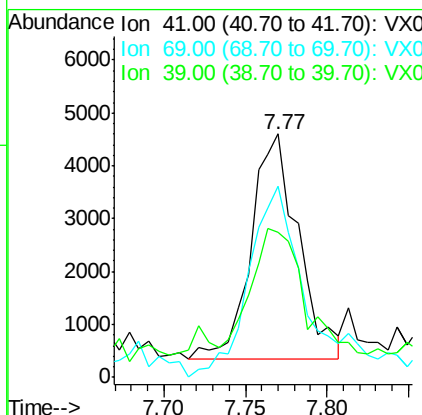
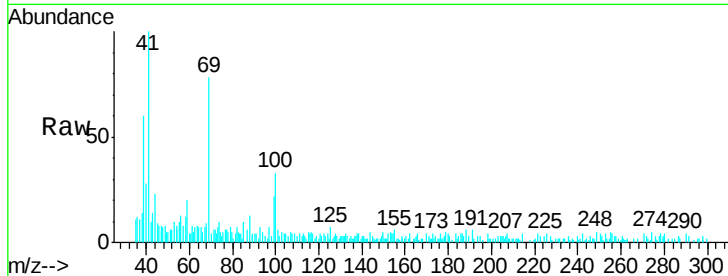
#48
Methyl methacrylate
Concen: 0.843 ug/l
RT: 7.77 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	8518		
69	104.7	63.0	94.6#	
39	66.6	45.9	68.9	

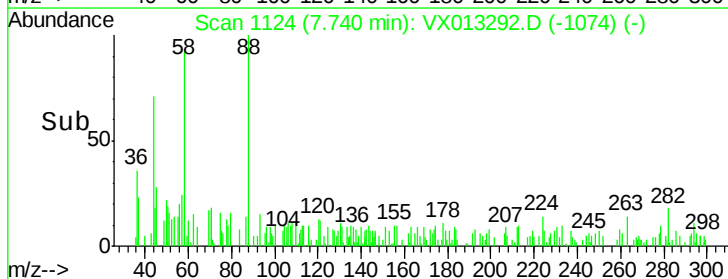
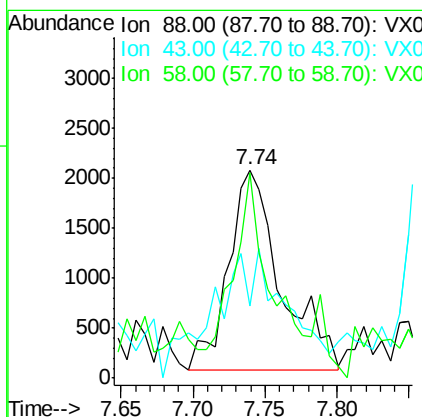
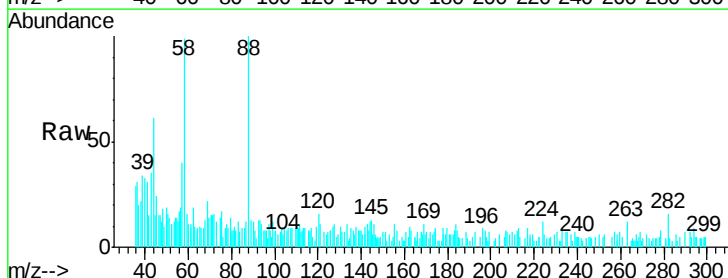
Manual Integrations
APPROVED

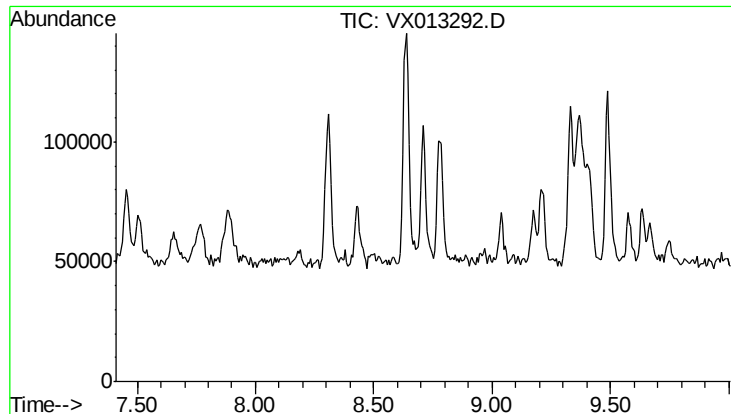
MMDadoda
11/4/2019 3:40:54 PM



#49
1,4-Dioxane
Concen: 18.798 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	5081		
43	48.0	26.6	39.8#	
58	55.5	55.0	82.6	





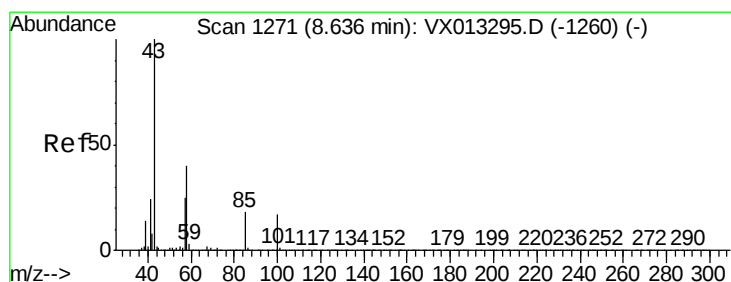
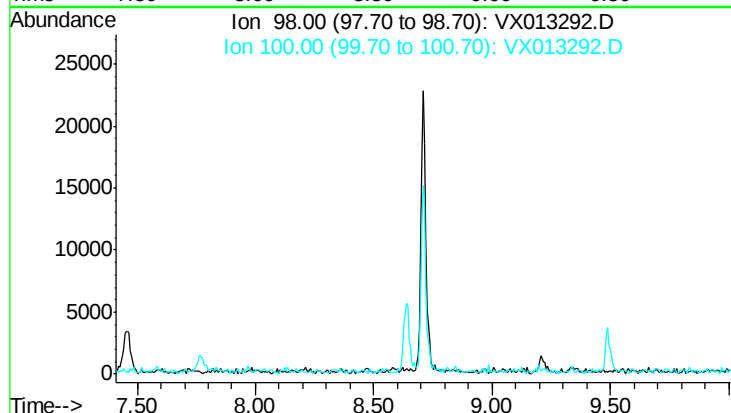
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

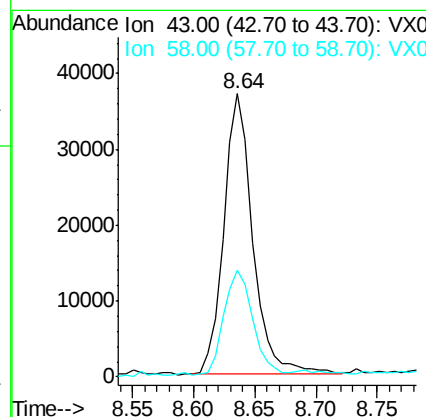
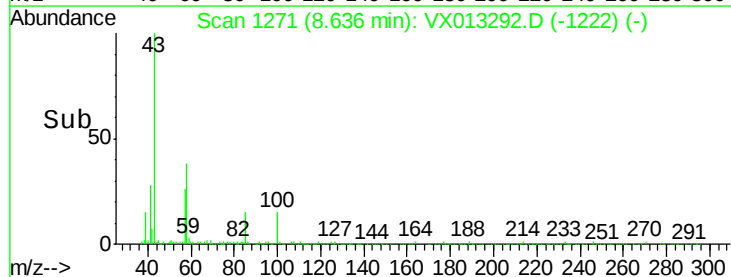
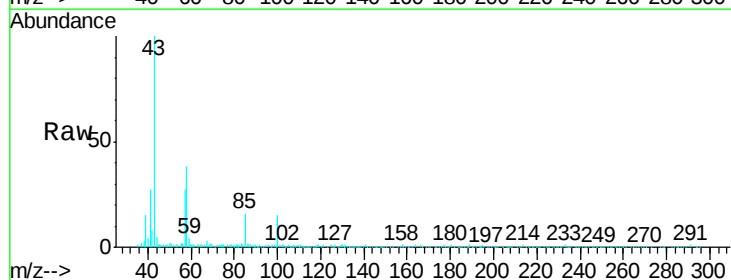
Manual Integrations
APPROVED

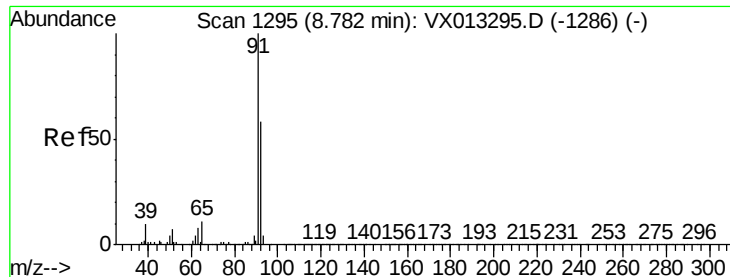
MMDadoda
11/4/2019 3:40:54 PM



#51
4-Methyl-2-Pentanone
Concen: 4.578 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion: 43 Resp: 60893
Ion Ratio Lower Upper
43 100
58 37.5 31.4 47.0





#52

Toluene

Concen: 0.877 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 20702

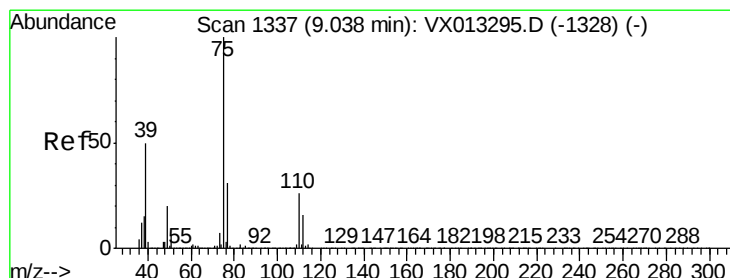
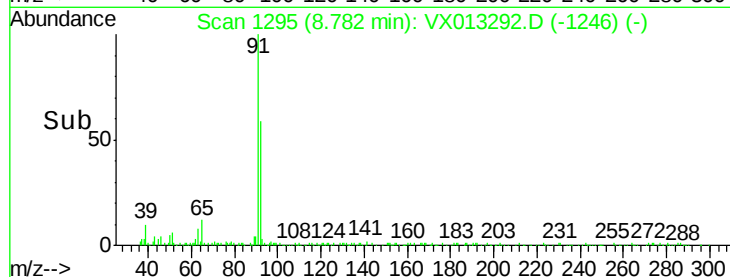
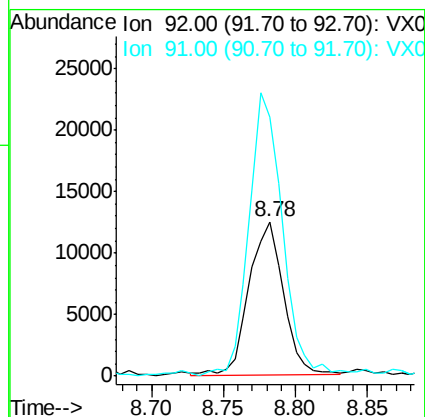
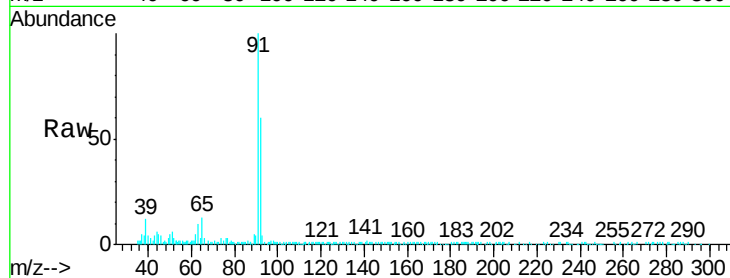
Ion Ratio Lower Upper

92 100

91 180.4 138.0 207.0

Manual Integrations
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#53

t-1,3-Dichloropropene

Concen: 0.802 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013292.D

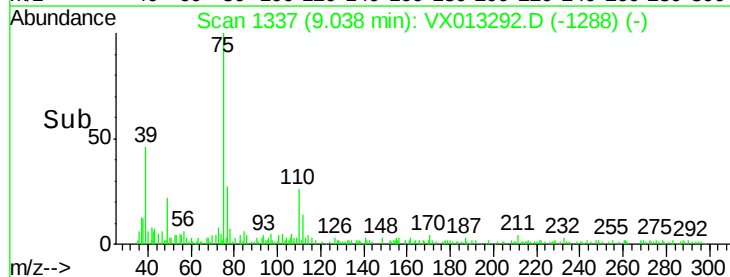
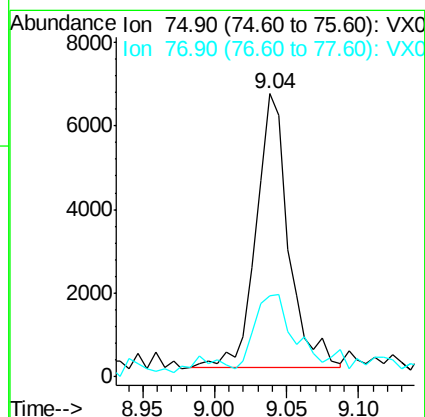
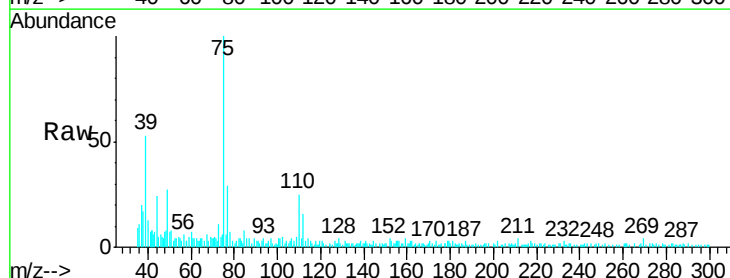
Acq: 31 Oct 2019 16:18

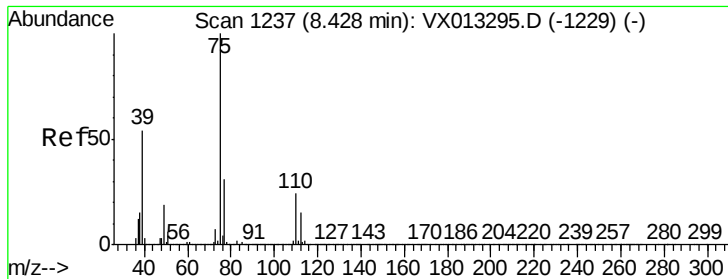
Tgt Ion: 75 Resp: 10206

Ion Ratio Lower Upper

75 100

77 26.3 25.0 37.4





#54

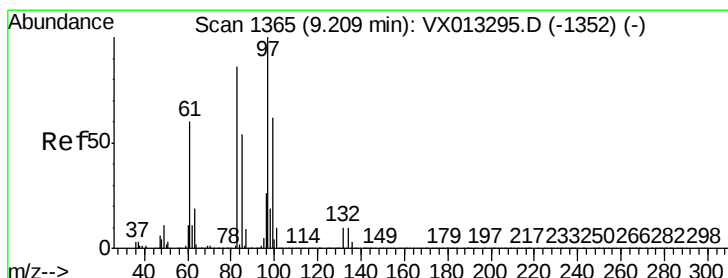
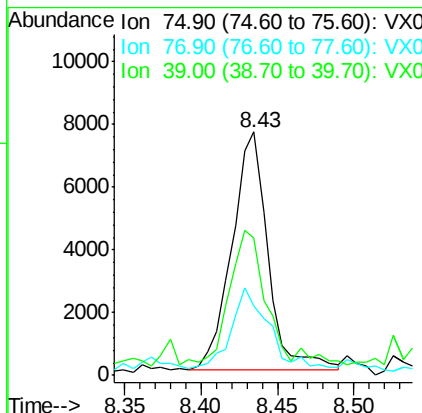
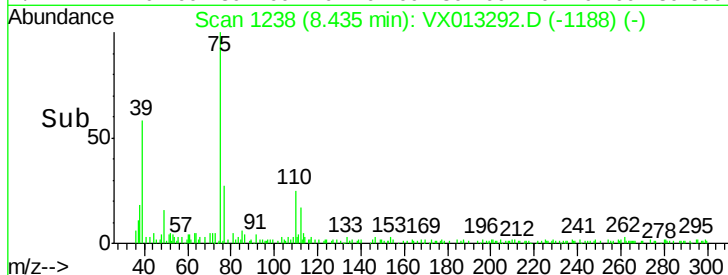
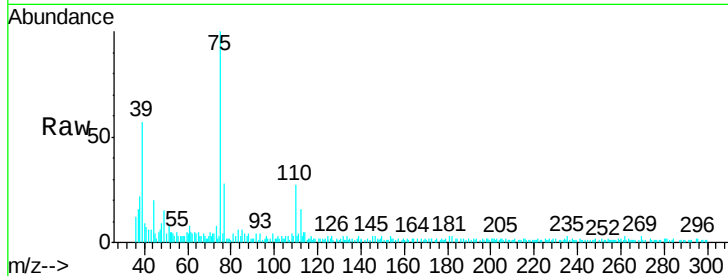
cis-1,3-Dichloropropene
Concen: 0.885 ug/l
RT: 8.43 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
75	100		
77	26.7	24.7	37.1
39	53.1	43.0	64.6

Manual Integrations
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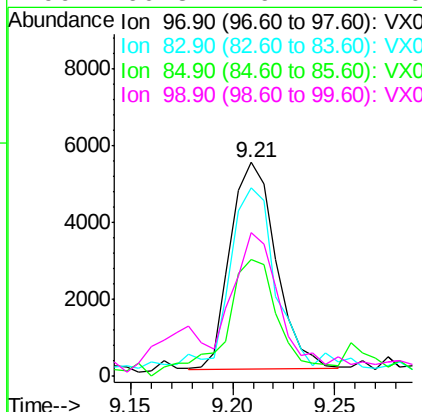
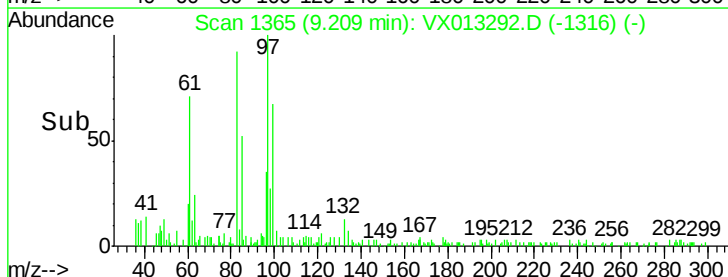
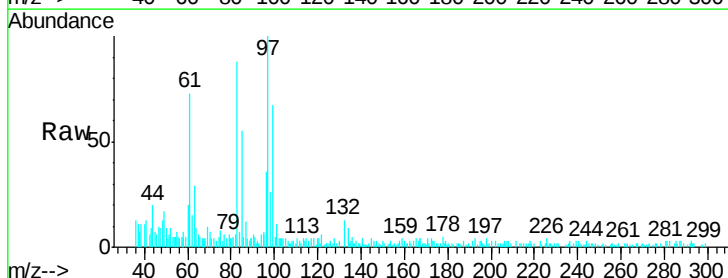
MMDadoda
11/4/2019 3:40:54 PM

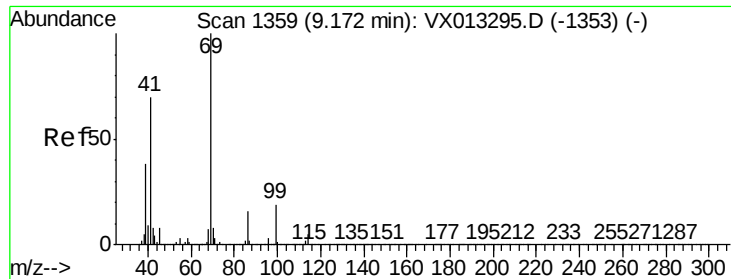


#55

1,1,2-Trichloroethane
Concen: 0.864 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.6	103.0
85	51.6	43.1	64.7
99	60.8	49.4	74.0





#56

Ethyl methacrylate

Concen: 0.737 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

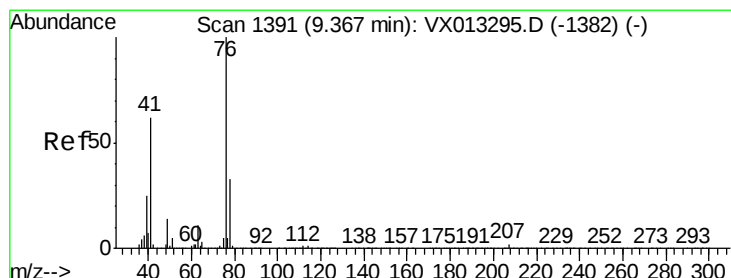
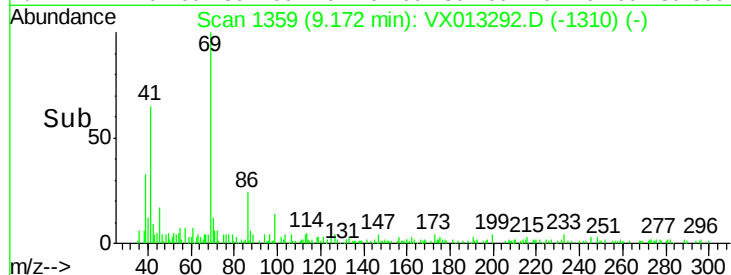
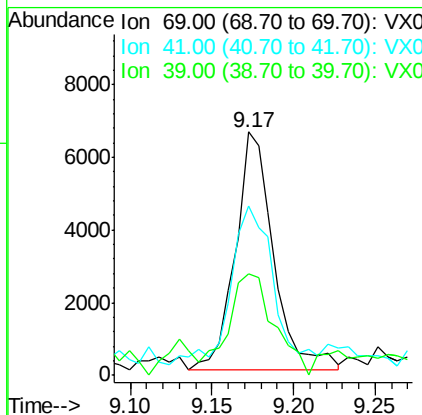
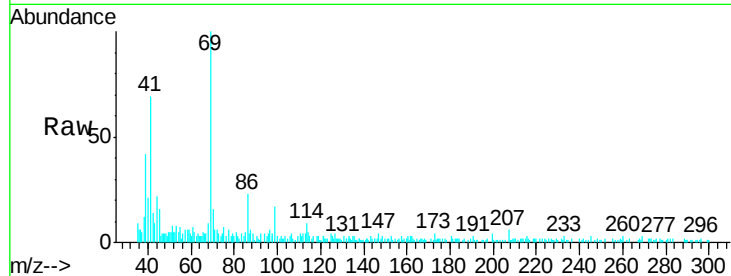
ClientSampleId :

VSTDIC001

Tgt Ion:	69	Resp:	10601
Ion Ratio	Lower	Upper	
69	100		
41	74.1	56.2	84.2
39	51.5	31.1	46.7#

Manual Integrations
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11/4/2019 3:40:54 PM



#57

1,3-Dichloropropane

Concen: 0.964 ug/l

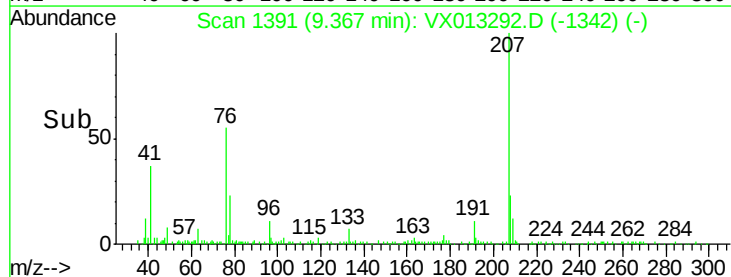
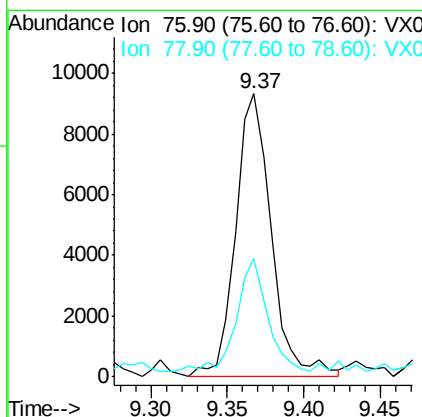
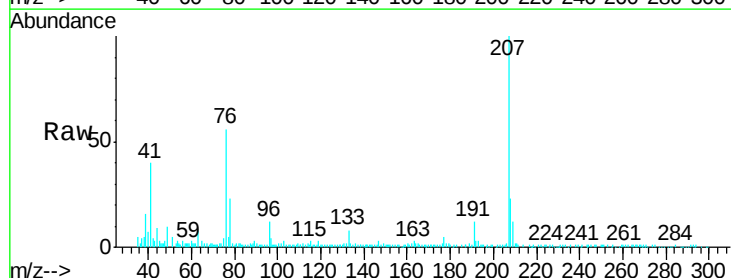
RT: 9.37 min Scan# 1391

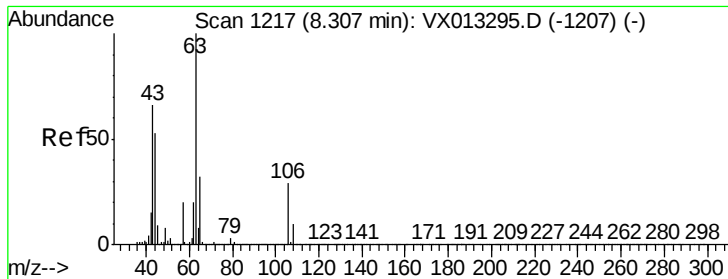
Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion:	76	Resp:	15077
Ion Ratio	Lower	Upper	
76	100		
78	34.6	25.8	38.6





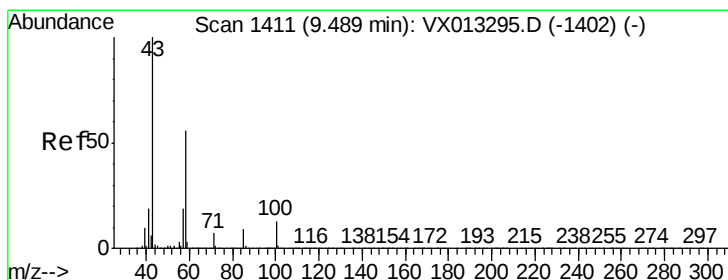
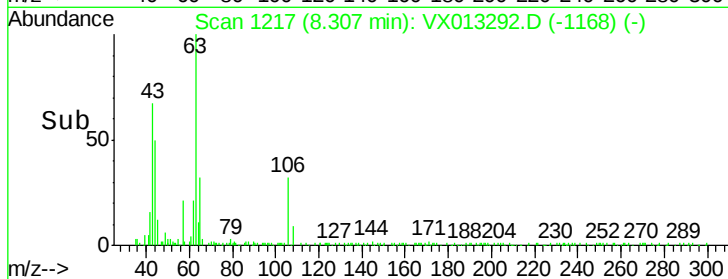
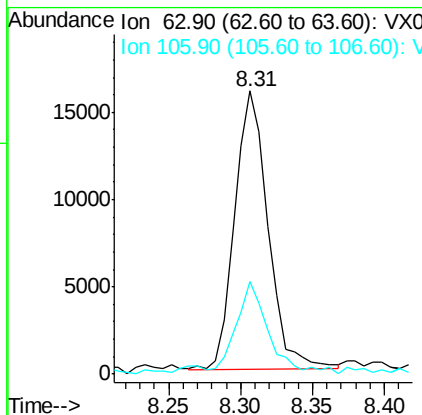
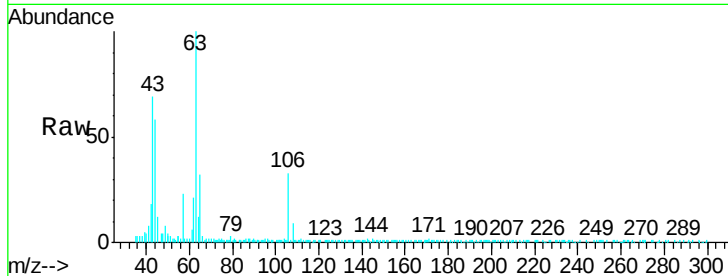
#58
 2-Chloroethyl Vinyl ether
 Concen: 3.776 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 63 Resp: 25669
 Ion Ratio Lower Upper
 63 100
 106 32.7 23.4 35.2

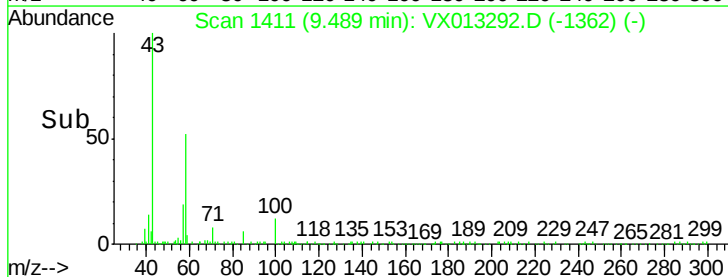
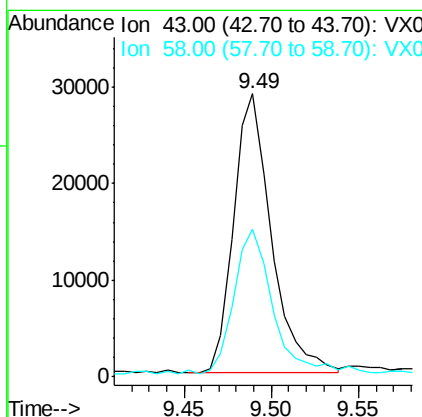
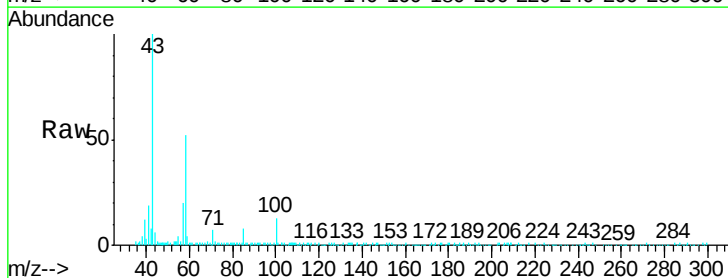
Manual Integrations
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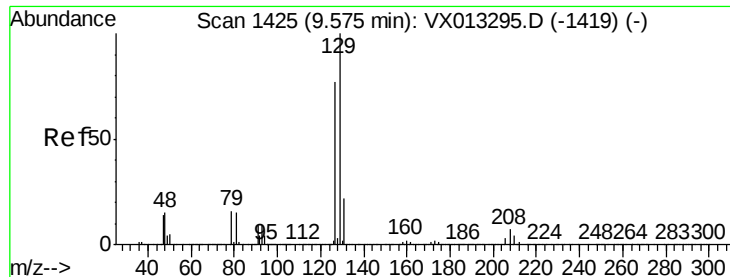
MMDadoda
 11/4/2019 3:40:54 PM



#59
 2-Hexanone
 Concen: 4.214 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Tgt Ion: 43 Resp: 43378
 Ion Ratio Lower Upper
 43 100
 58 54.9 27.3 81.8





#60

Dibromochloromethane

Concen: 0.787 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:129 Resp: 7736

Ion Ratio Lower Upper

129 100

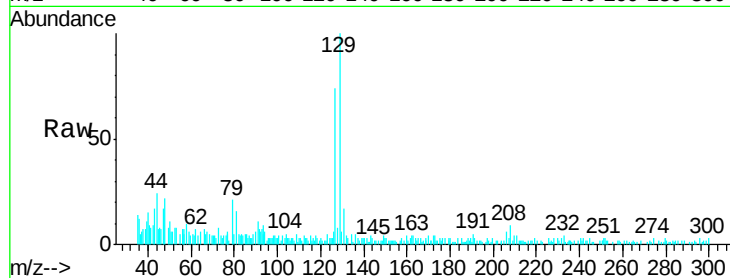
127 84.5 39.1 117.2

Manual Integrations

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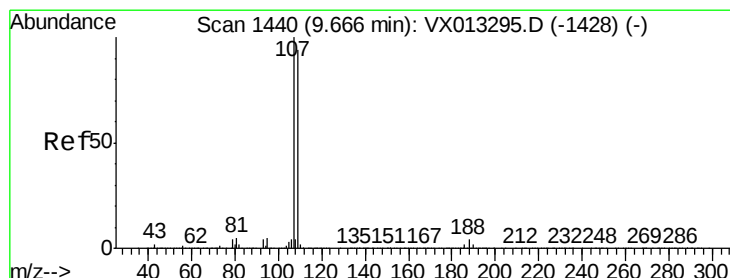
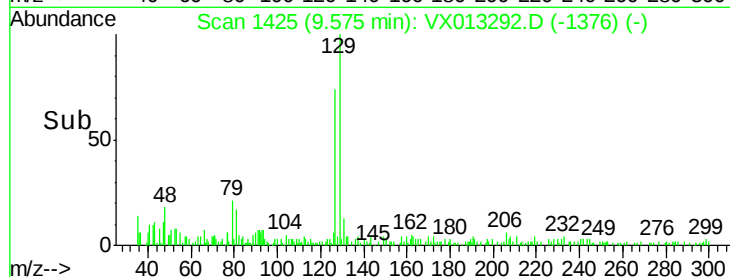
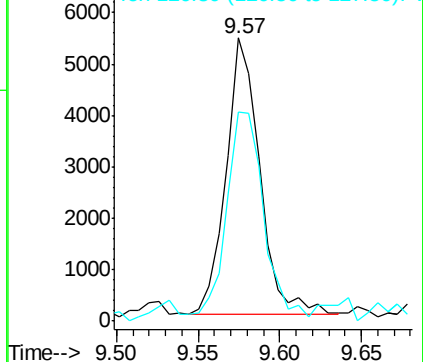
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.862 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013292.D

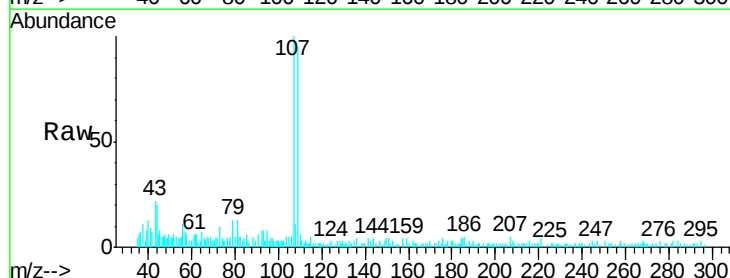
Acq: 31 Oct 2019 16:18

Tgt Ion:107 Resp: 8893

Ion Ratio Lower Upper

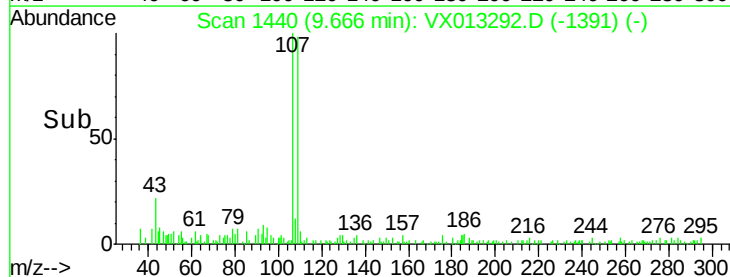
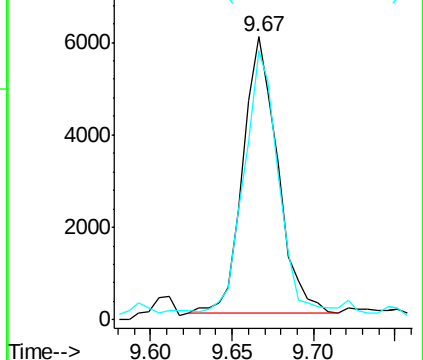
107 100

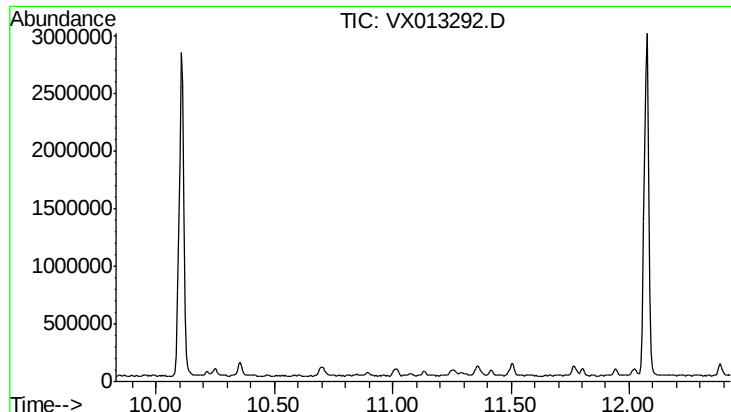
109 90.5 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





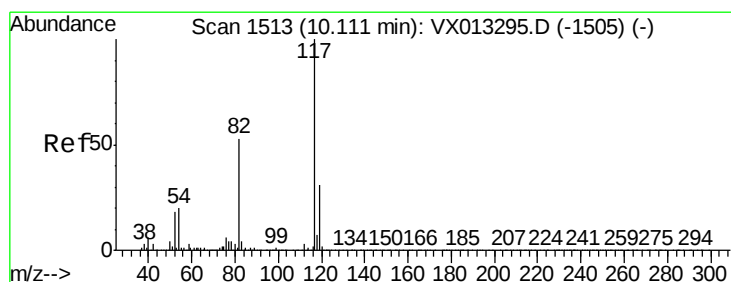
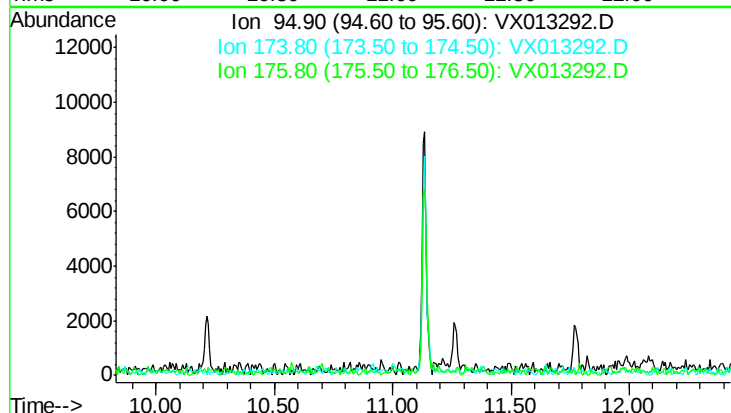
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.13 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 89.9
 176 86.5

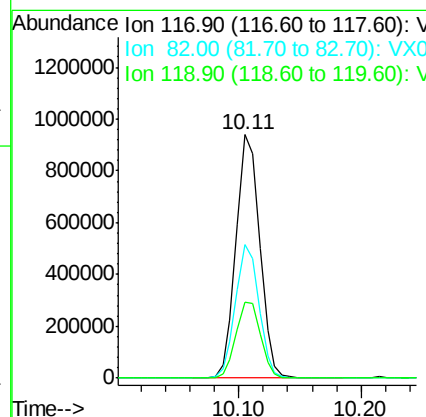
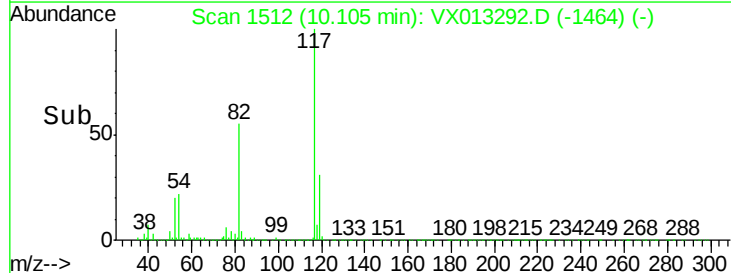
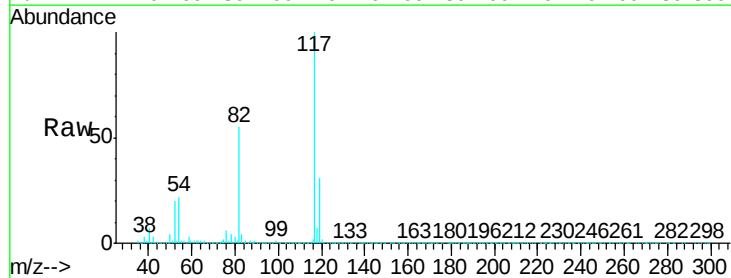
Manual Integrations
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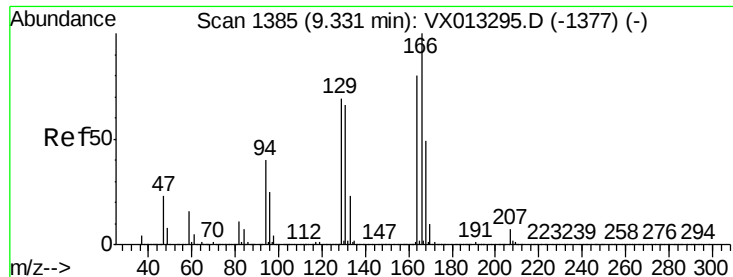
MMDadoda
 11/4/2019 3:40:54 PM



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Tgt Ion: 117 Resp: 1256125
 Ion Ratio Lower Upper
 117 100
 82 54.6 42.6 64.0
 119 31.4 24.8 37.2





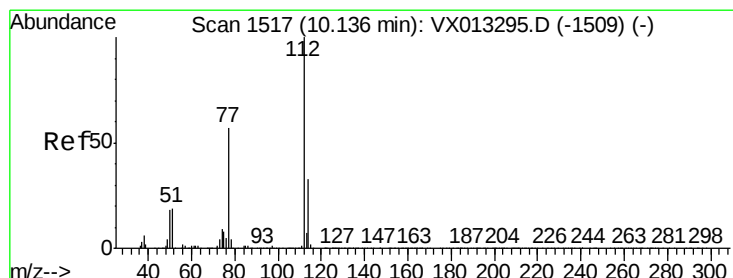
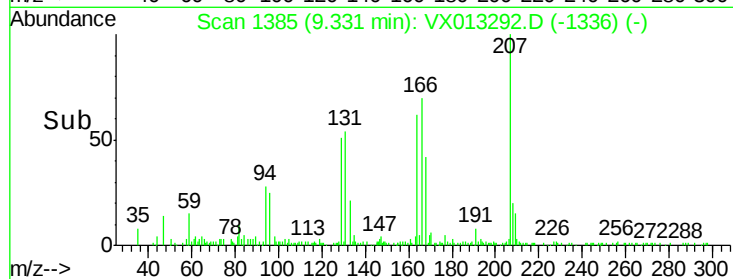
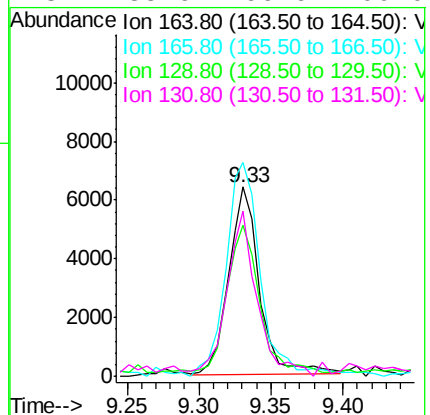
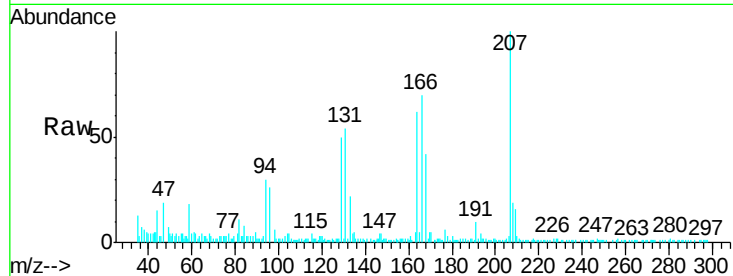
#64
Tetrachloroethene
Concen: 0.981 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
164	100		
166	114.1	100.4	150.6
129	78.3	69.4	104.2
131	85.6	66.6	100.0

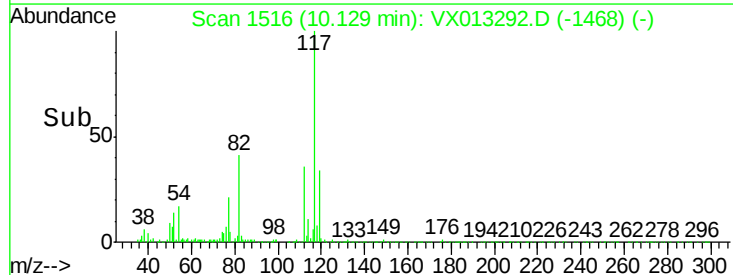
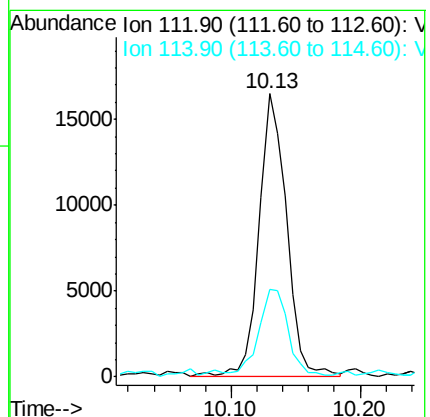
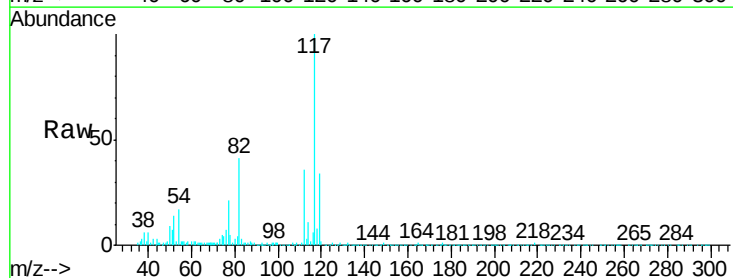
Manual Integrations
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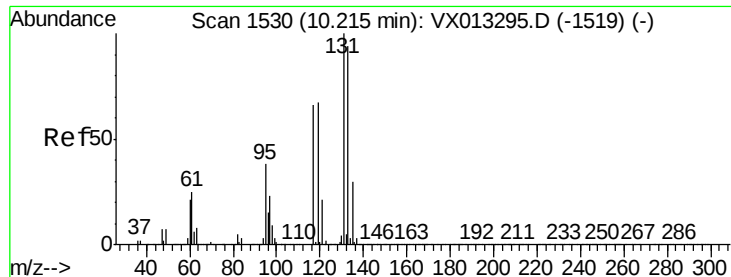
MMDadoda
11/4/2019 3:40:54 PM



#65
Chlorobenzene
Concen: 0.944 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
114	28.3	26.4	39.6





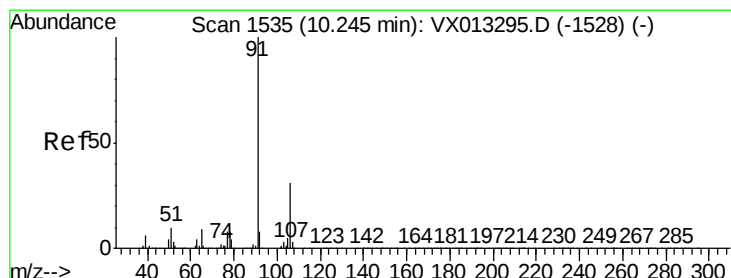
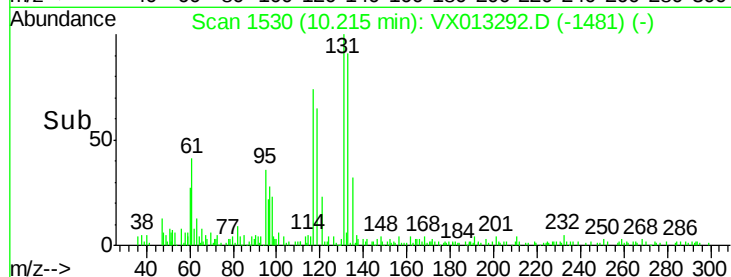
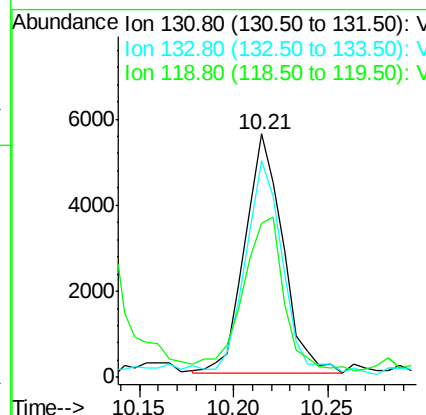
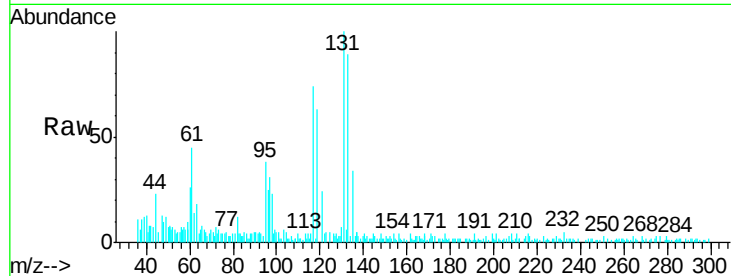
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.861 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
131	100		
133	88.1	48.0	144.0
119	0.0	33.0	99.0

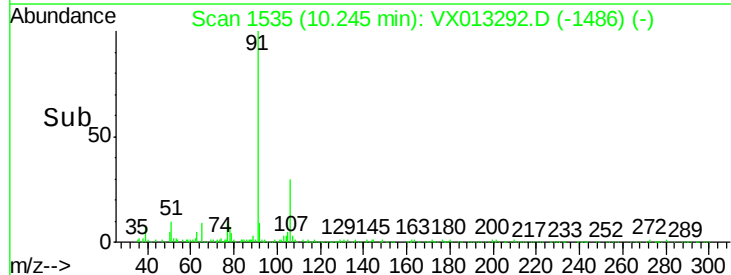
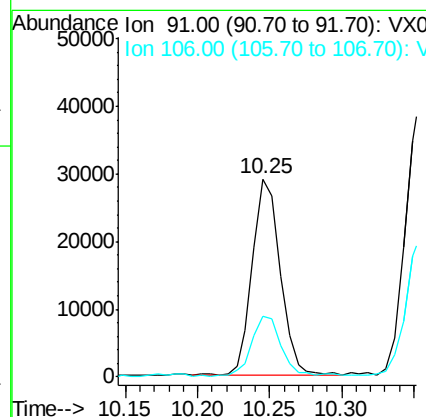
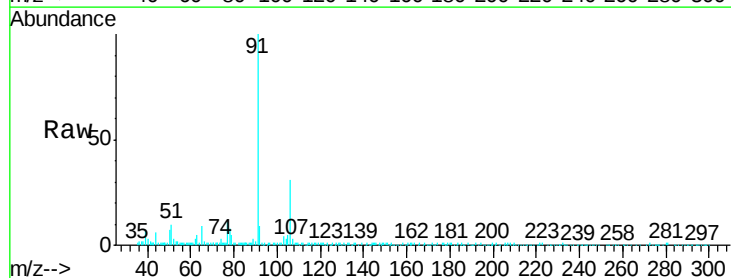
Manual Integrations
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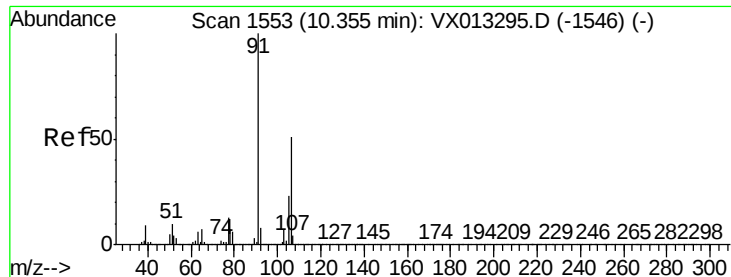
MMDadoda
 11/4/2019 3:40:54 PM



#67
 Ethyl Benzene
 Concen: 0.898 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.6	36.8





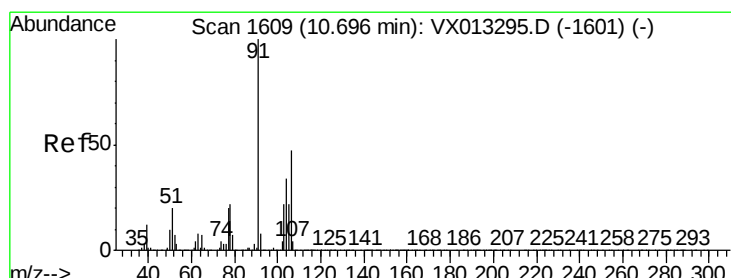
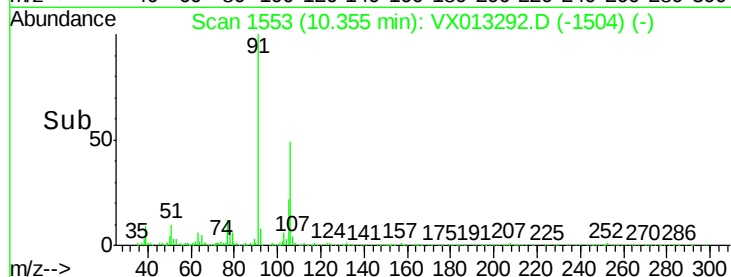
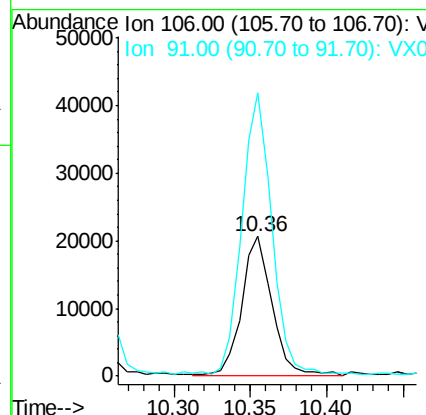
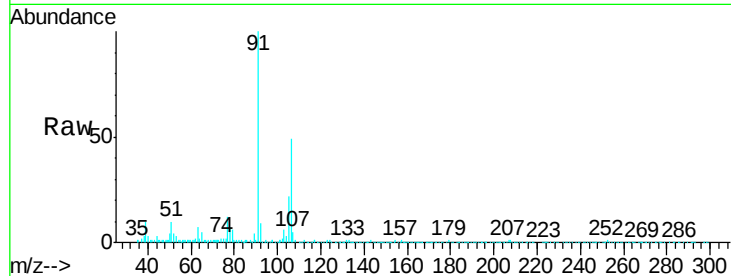
#68
m/p-Xylenes
Concen: 1.650 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 27920
Ion Ratio Lower Upper
106 100
91 202.4 159.3 238.9

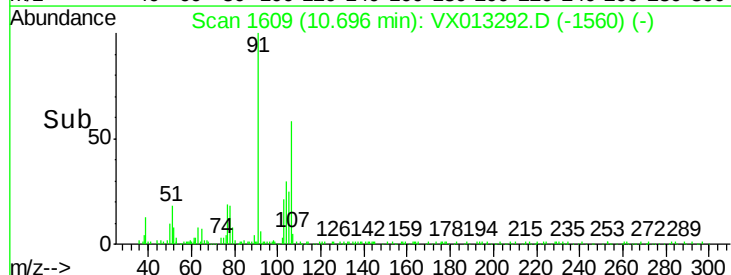
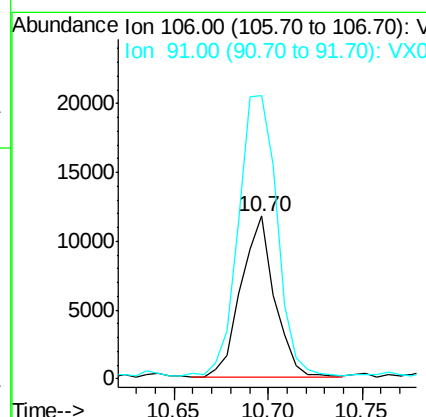
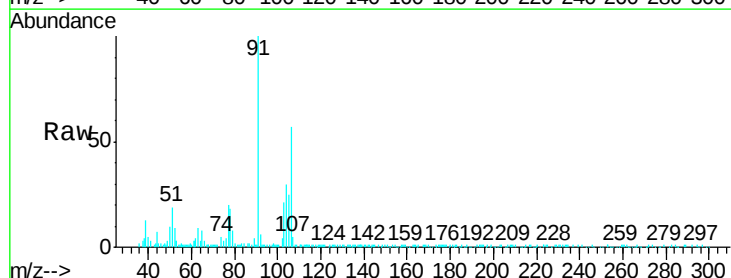
Manual Integrations
APPROVED

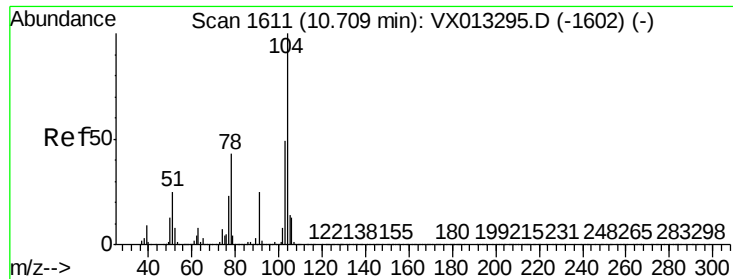
MMDadoda
11/4/2019 3:40:54 PM



#69
o-Xylene
Concen: 0.880 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion:106 Resp: 14483
Ion Ratio Lower Upper
106 100
91 200.2 105.7 317.0





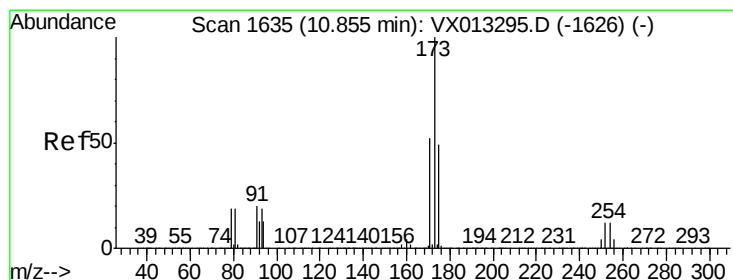
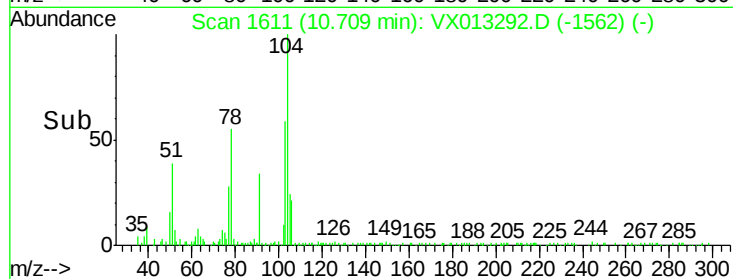
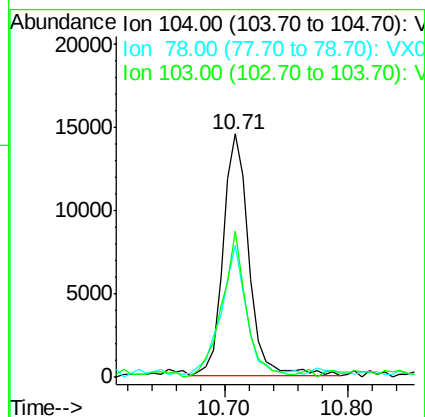
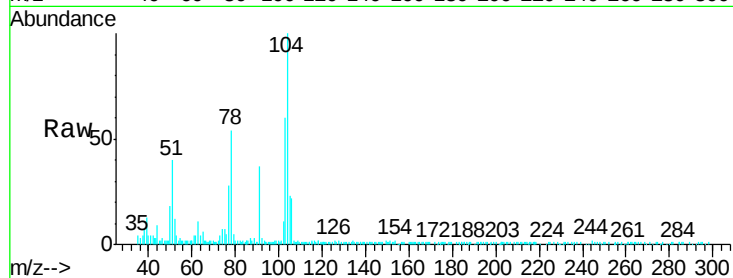
#70
Styrene
Concen: 0.768 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	21102		
78	53.0	40.0	60.0	
103	56.2	44.1	66.1	

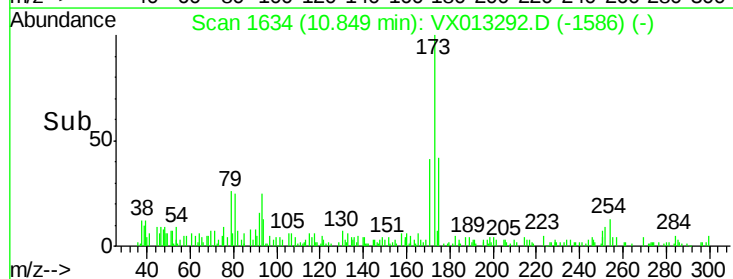
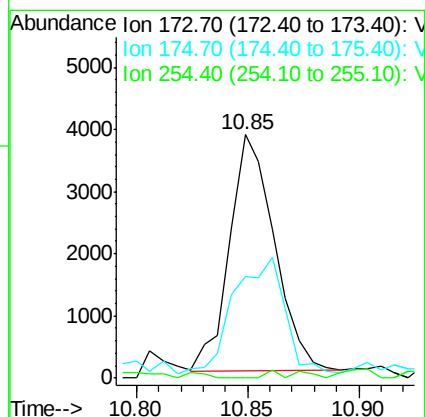
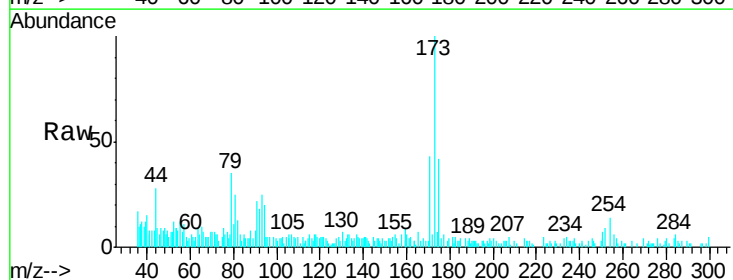
Manual Integrations
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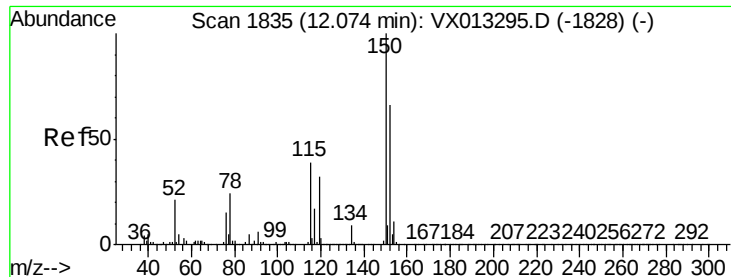
MMDadoda
11/4/2019 3:40:54 PM



#71
Bromoform
Concen: 0.728 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	5308		
175	59.0	24.8	74.4	
254	0.9	0.2	0.2#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

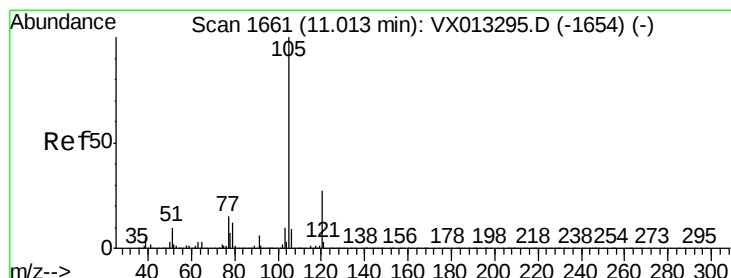
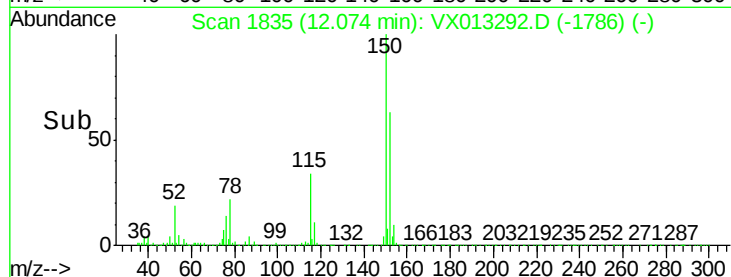
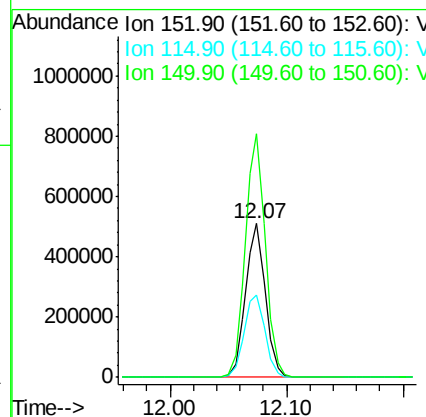
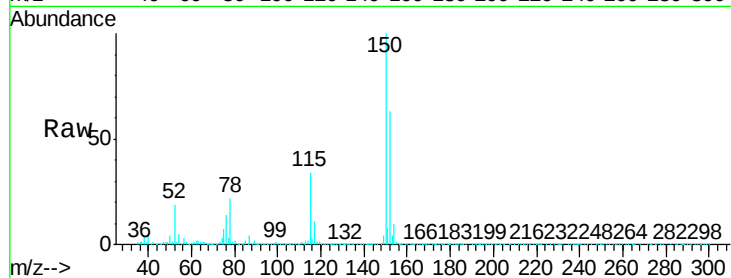
ClientSampleId :

VSTDIC001

Tgt Ion:	152	Resp:	602990
Ion Ratio	Lower	Upper	
152	100		
115	57.0	39.5	118.3
150	159.8	0.0	344.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 0.879 ug/l

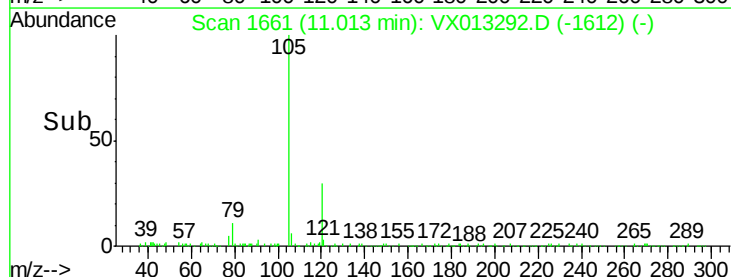
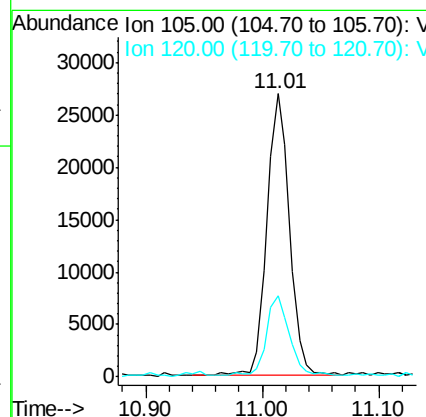
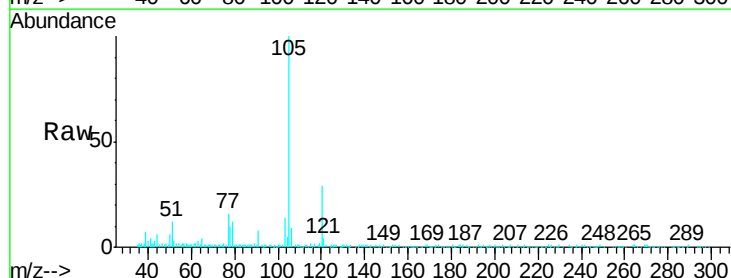
RT: 11.01 min Scan# 1661

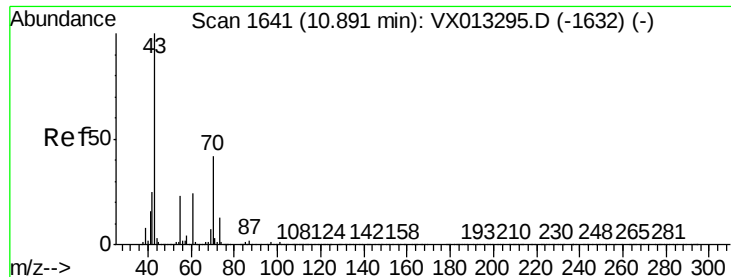
Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion:	105	Resp:	36084
Ion Ratio	Lower	Upper	
105	100		
120	29.9	13.5	40.5





#74

N-ethyl acetate

Concen: 0.844 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

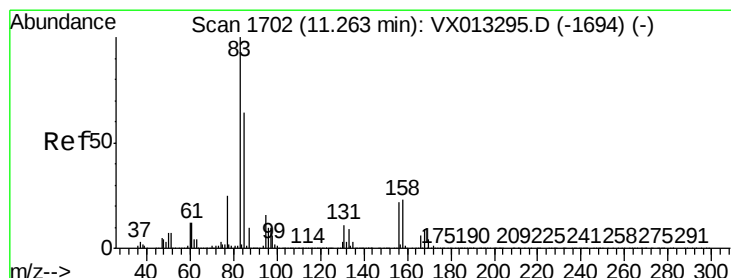
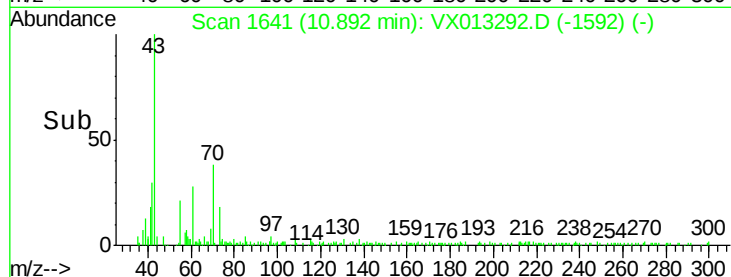
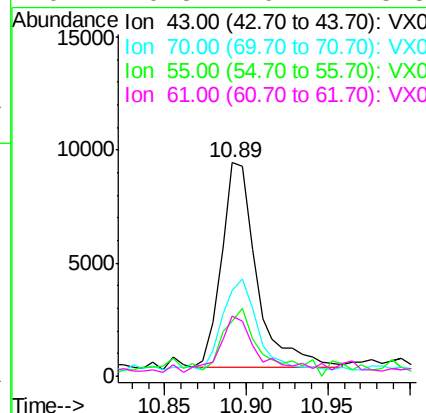
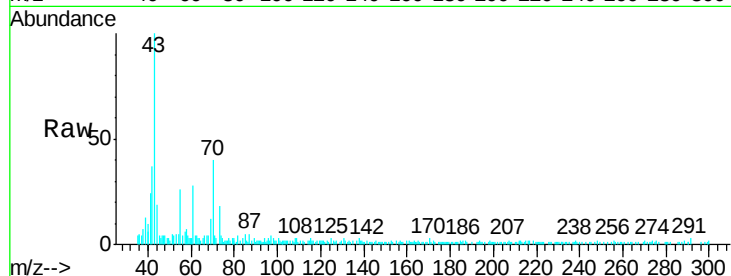
ClientSampleId :

VSTDIC001

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.0	34.1	51.1
55	36.7	18.9	28.3
61	26.8	19.2	28.8

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 0.980 ug/l

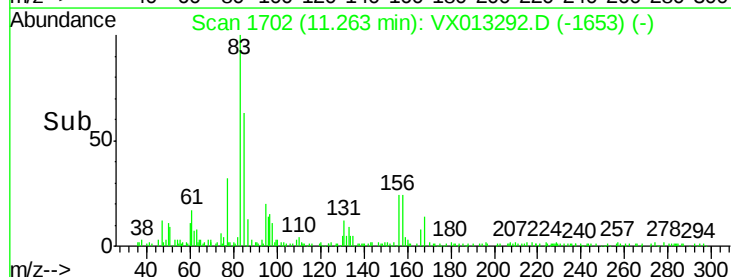
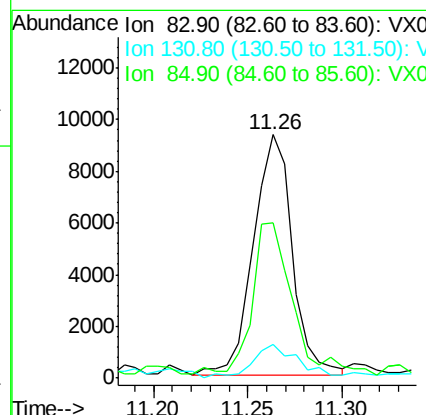
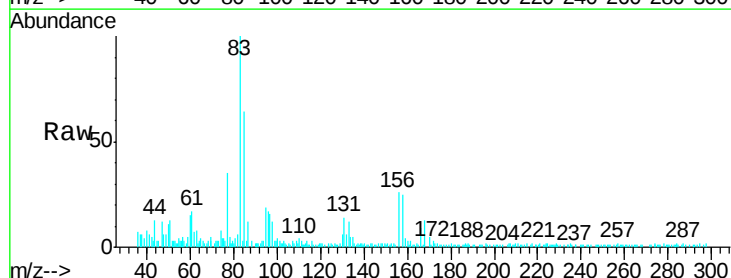
RT: 11.26 min Scan# 1702

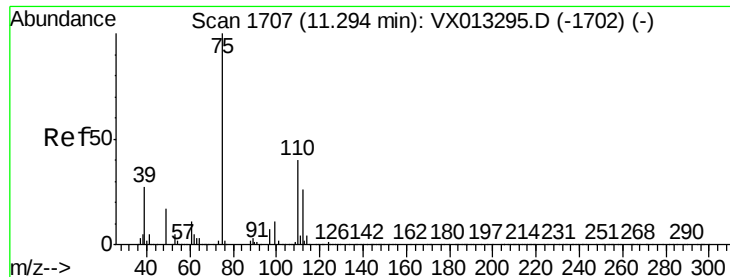
Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
83	100		
131	16.5	5.1	15.3
85	65.7	32.3	96.8





#76

1,2,3-Trichloropropane

Concen: 1.083 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 75 Resp: 11964

Ion Ratio Lower Upper

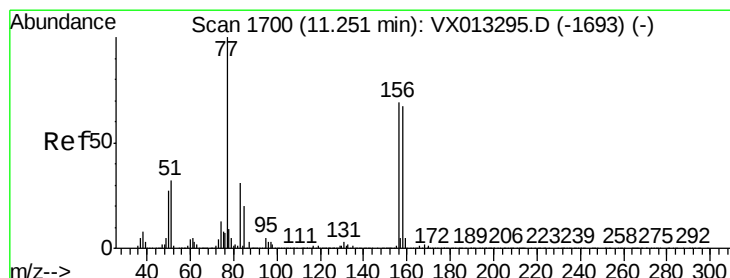
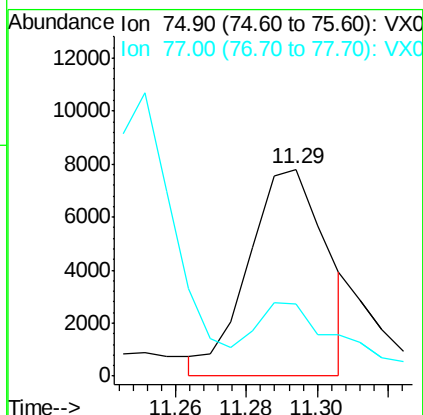
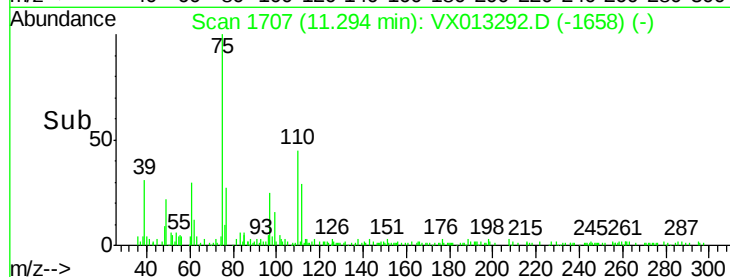
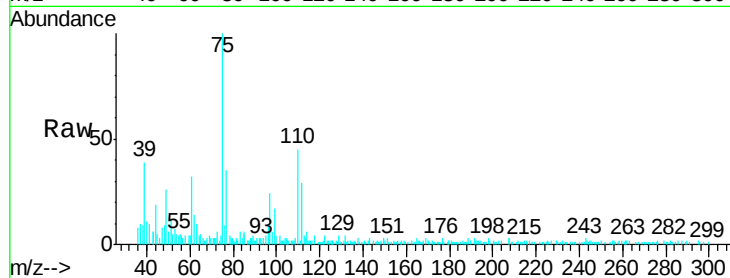
75 100

77 32.3 22.3 66.8

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#77

Bromobenzene

Concen: 0.908 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

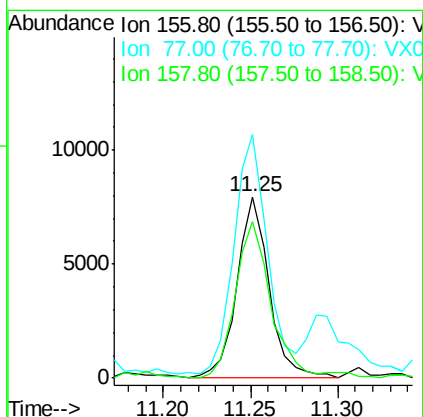
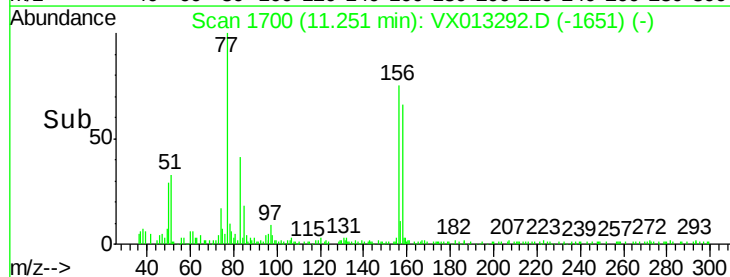
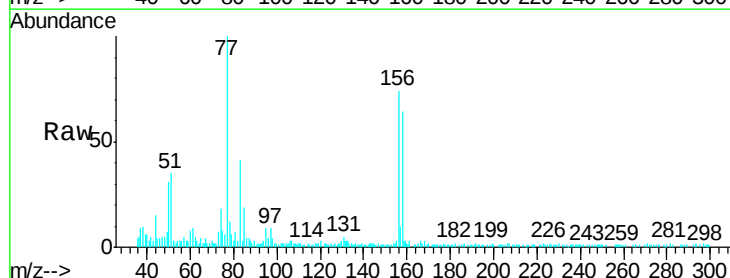
Tgt Ion: 156 Resp: 10213

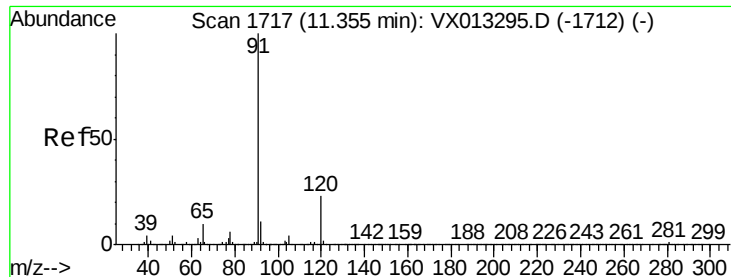
Ion Ratio Lower Upper

156 100

77 136.5 75.8 227.4

158 93.8 47.6 142.8





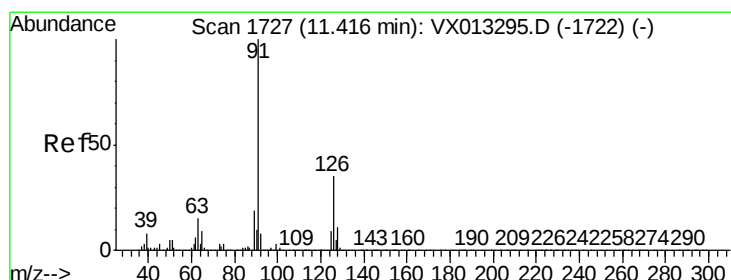
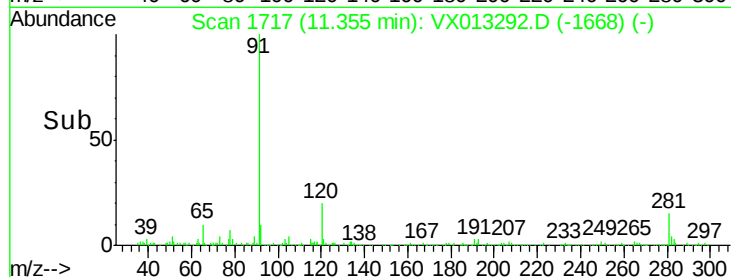
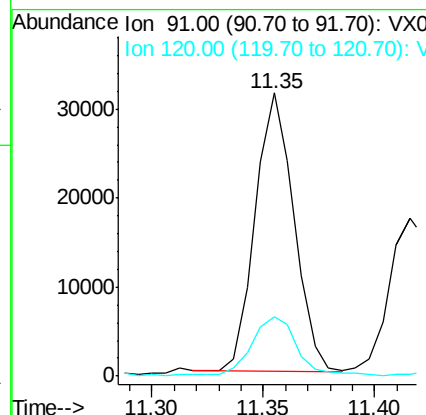
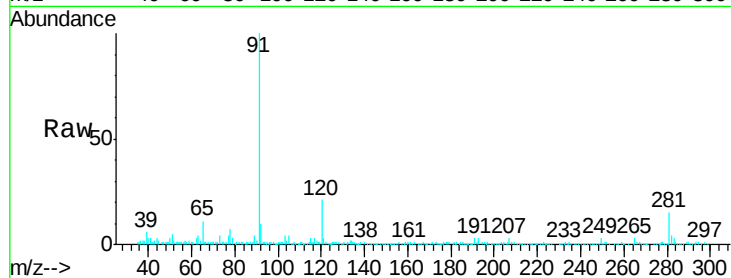
#78
n-propylbenzene
Concen: 0.833 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 37842
Ion Ratio Lower Upper
91 100
120 24.3 11.6 34.8

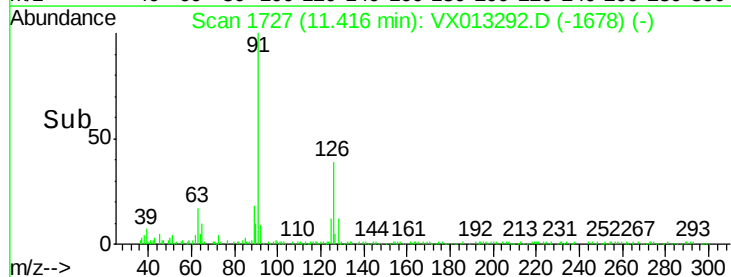
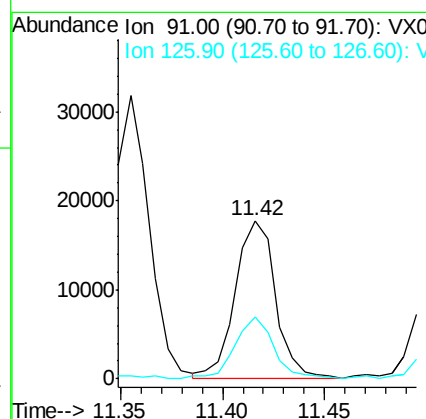
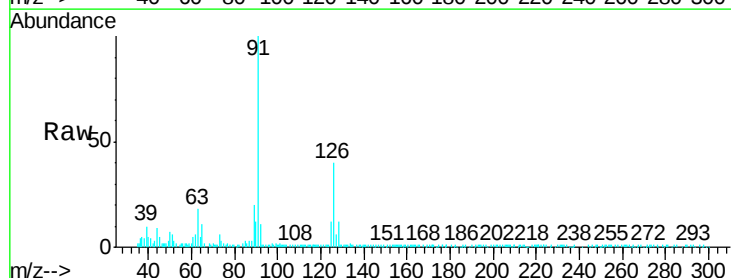
Manual Integrations
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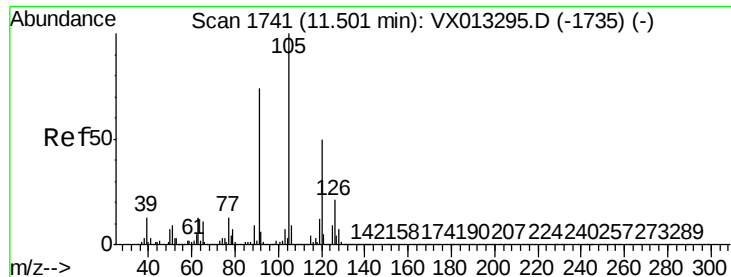
MMDadoda
11/4/2019 3:40:54 PM



#79
2-Chlorotoluene
Concen: 0.897 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion: 91 Resp: 24451
Ion Ratio Lower Upper
91 100
126 38.4 17.3 52.0





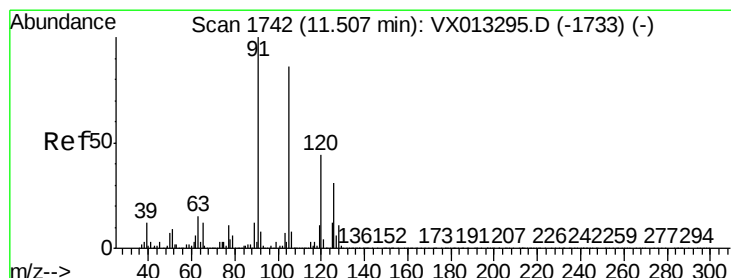
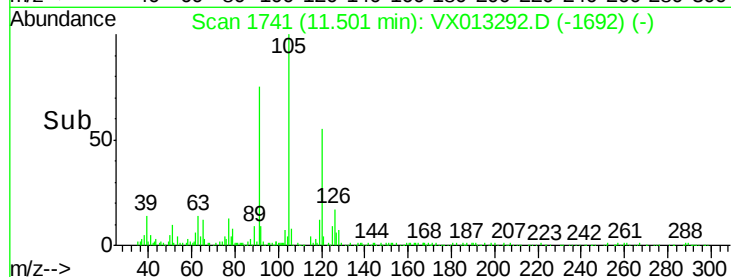
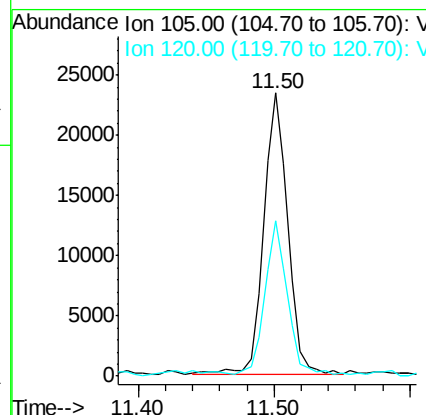
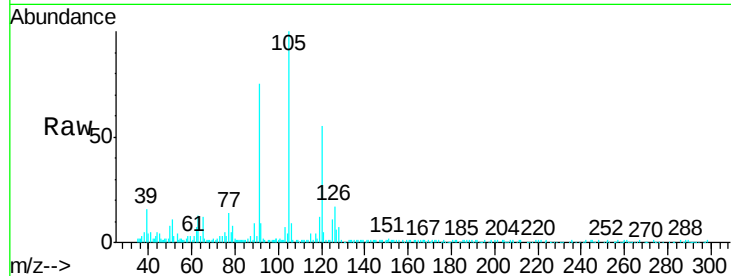
#80
 1,3,5-Trimethylbenzene
 Concen: 0.839 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.9	24.9	74.8

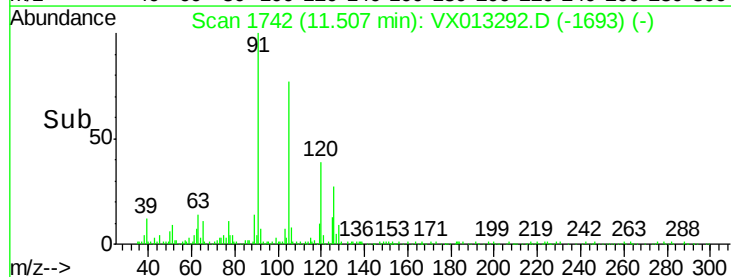
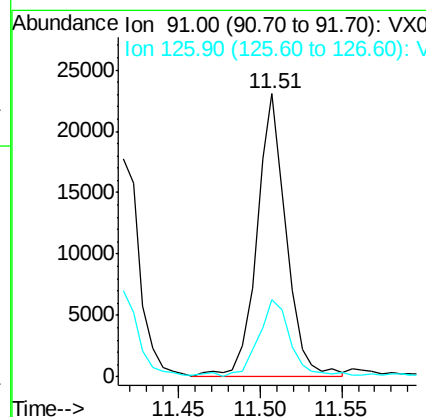
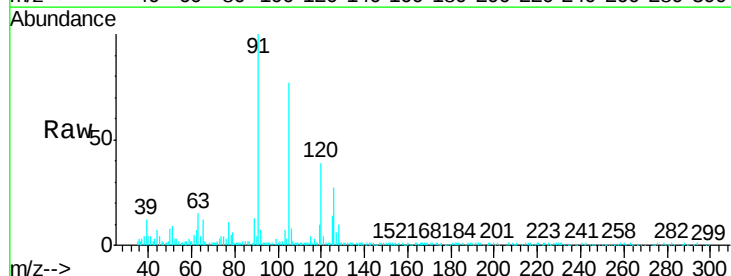
Manual Integrations
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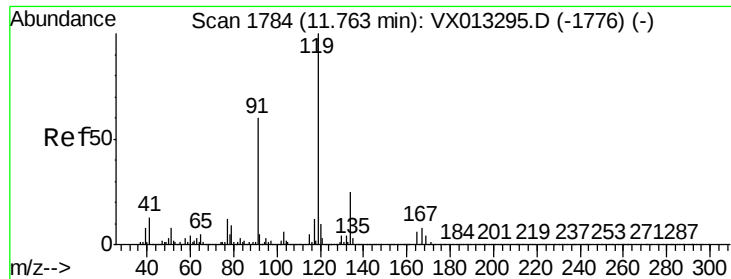
MMDadoda
 11/4/2019 3:40:54 PM



#82
 4-Chlorotoluene
 Concen: 0.911 ug/l
 RT: 11.51 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.3	45.8





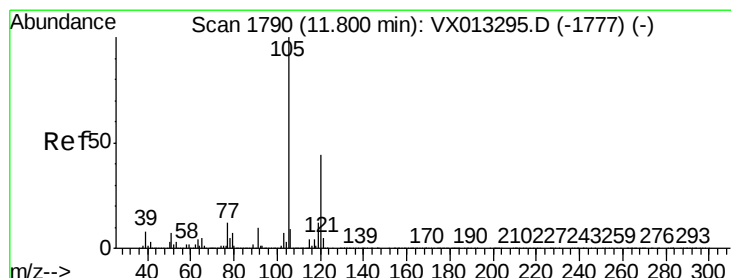
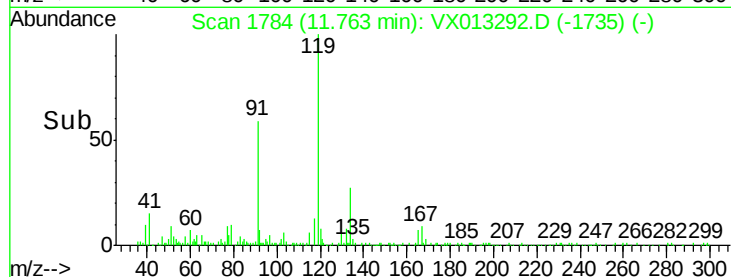
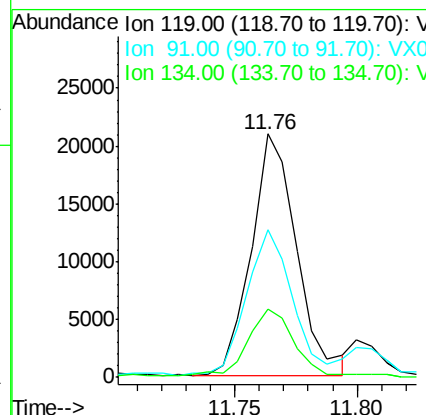
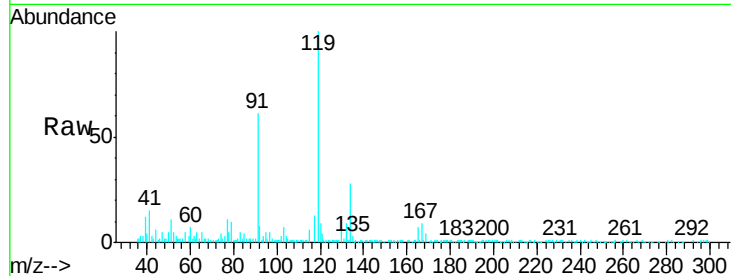
#83
tert-Butylbenzene
Concen: 0.800 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.4	26.9	80.7
134	30.5	11.7	35.1

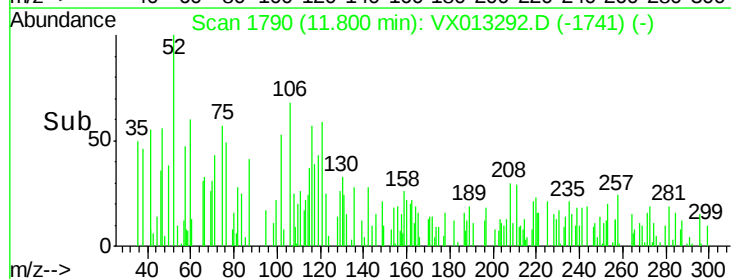
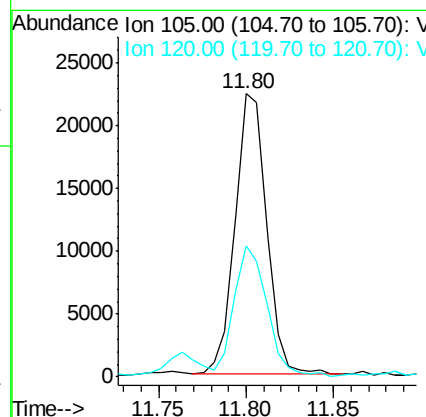
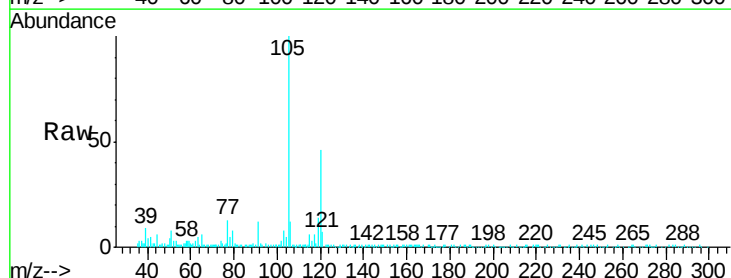
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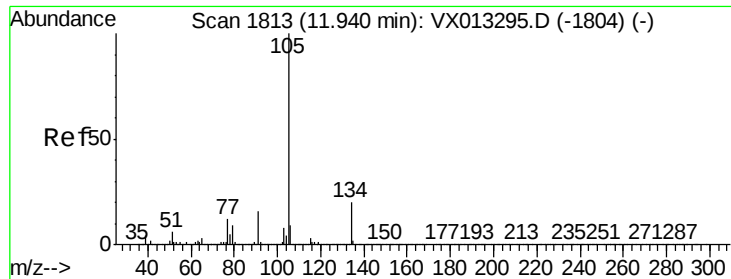
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 0.816 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.9	22.7	68.1





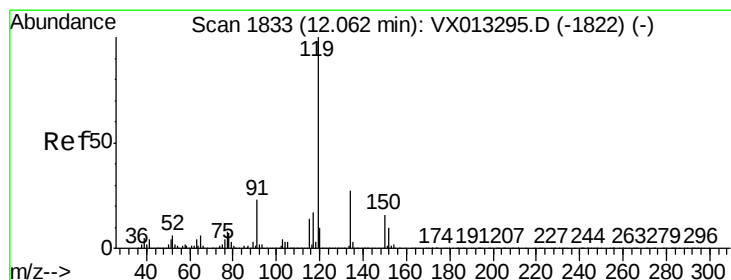
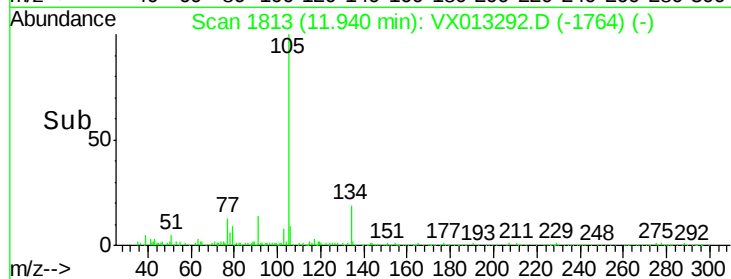
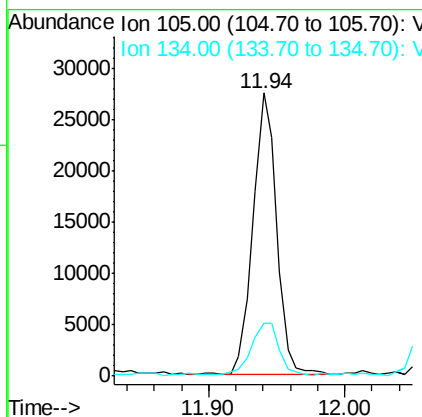
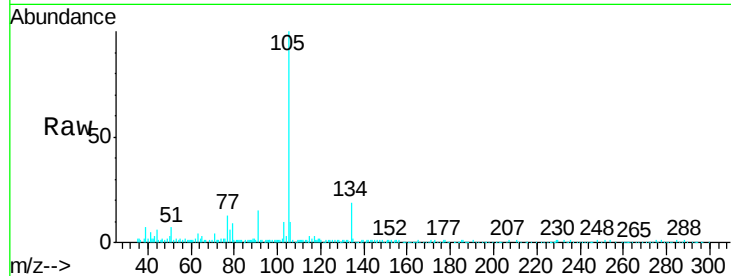
#85
 sec-Butylbenzene
 Concen: 0.865 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
105	100		
134	22.8	10.3	30.9

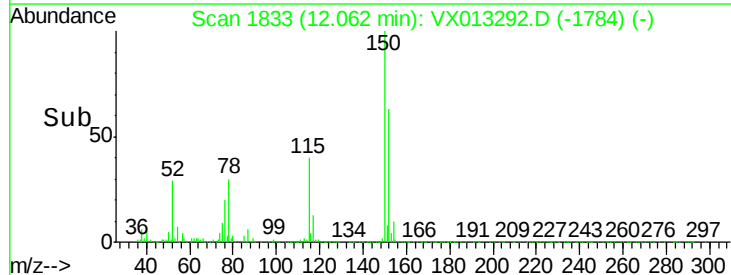
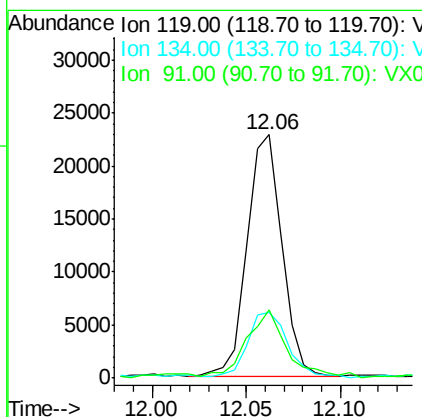
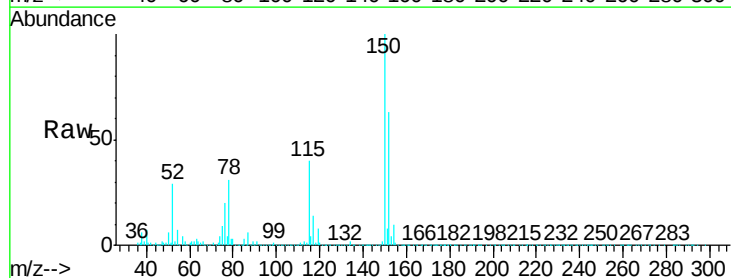
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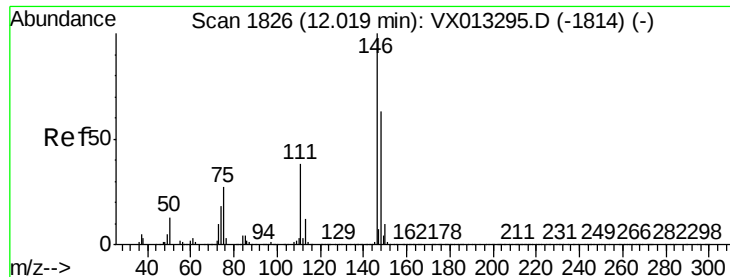
MMDadoda
 11/4/2019 3:40:54 PM



#86
 p-Isopropyltoluene
 Concen: 0.796 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
119	100		
134	31.2	13.3	39.8
91	31.6	11.5	34.4





#87

1,3-Dichlorobenzene

Concen: 0.909 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

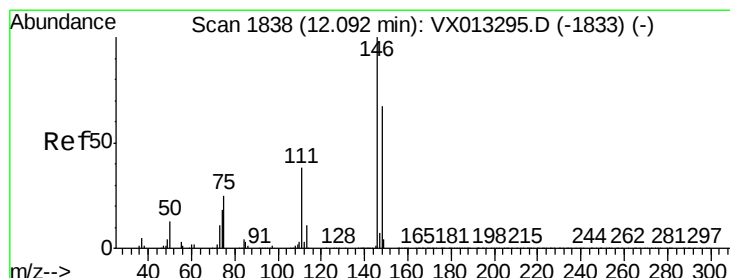
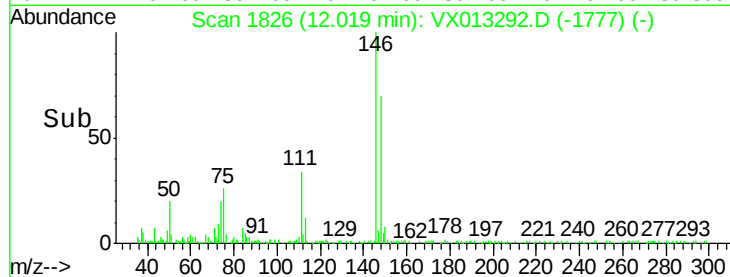
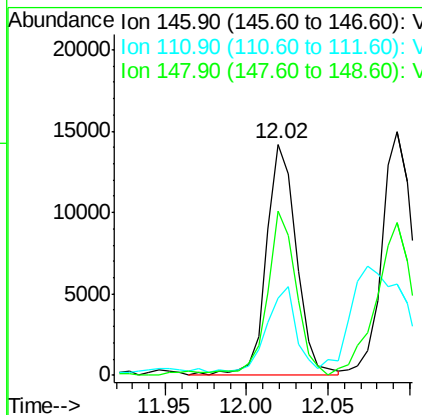
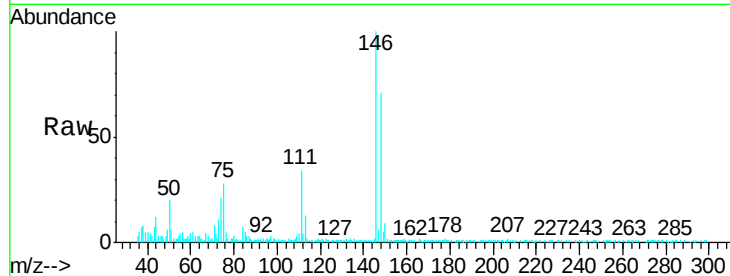
ClientSampleId :

VSTDIC001

Tgt Ion:	146	Resp:	17766
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.9	56.5
148	71.0	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 0.984 ug/l m

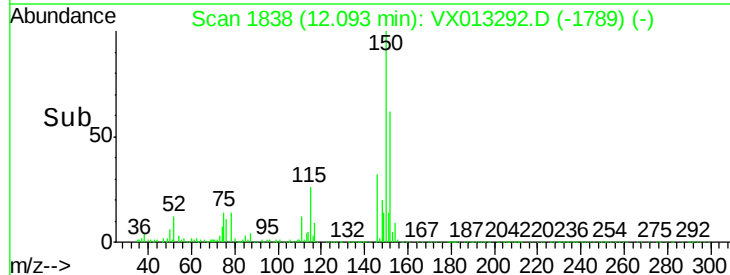
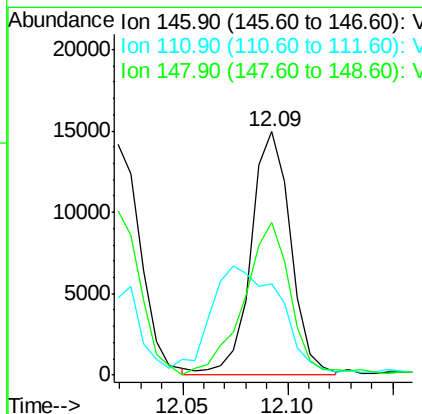
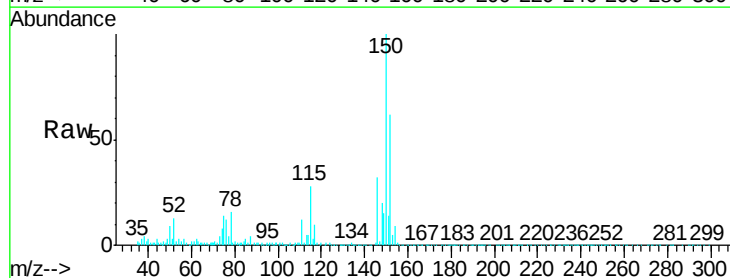
RT: 12.09 min Scan# 1838

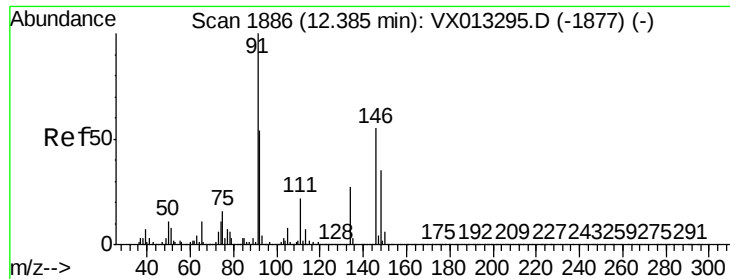
Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion:	146	Resp:	19670
Ion Ratio	Lower	Upper	
146	100		
111	33.8	18.8	56.4
148	64.1	32.4	97.0





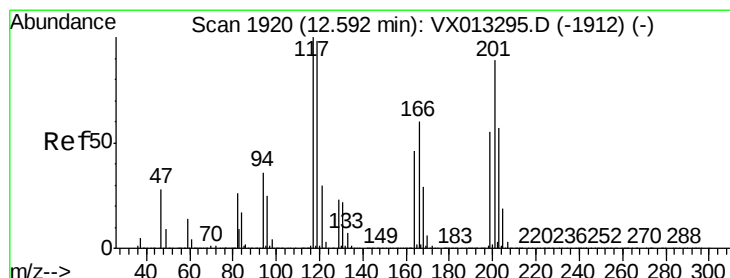
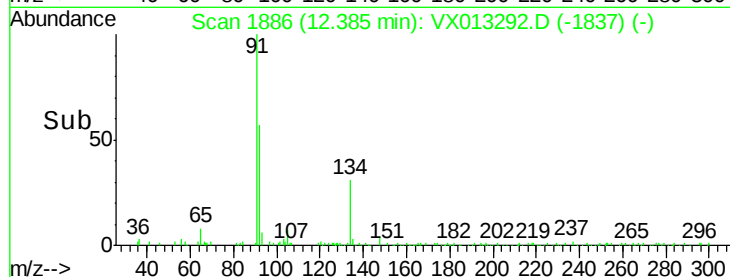
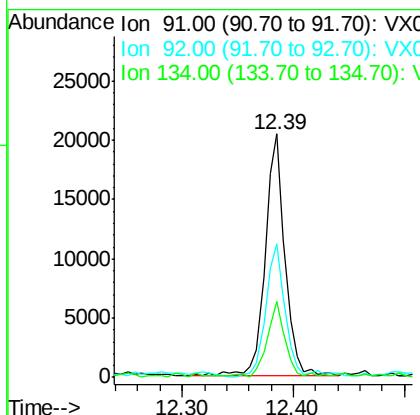
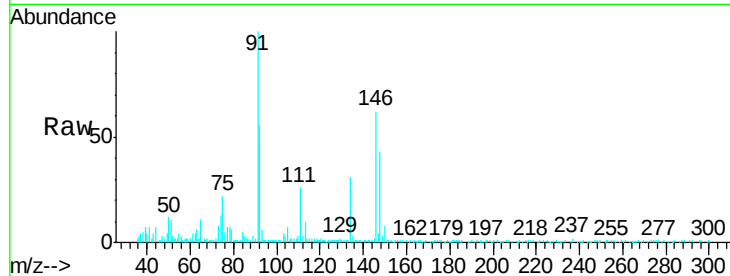
#89
n-Butylbenzene
Concen: 0.809 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	25243		
92	54.7	27.3	81.8	
134	28.0	13.5	40.5	

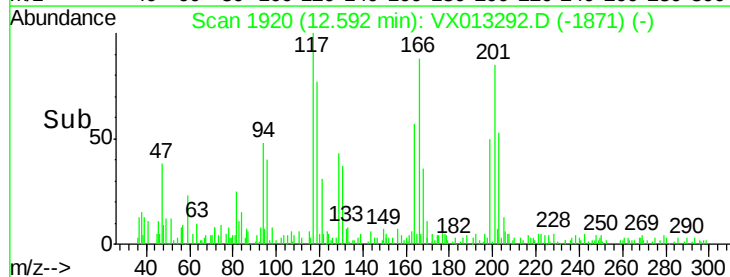
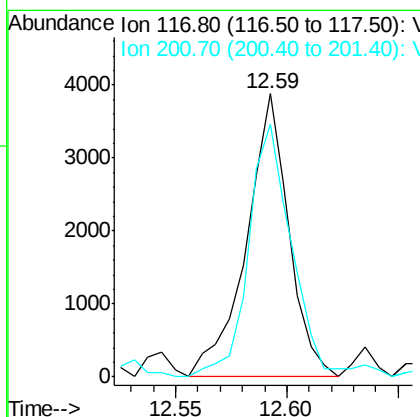
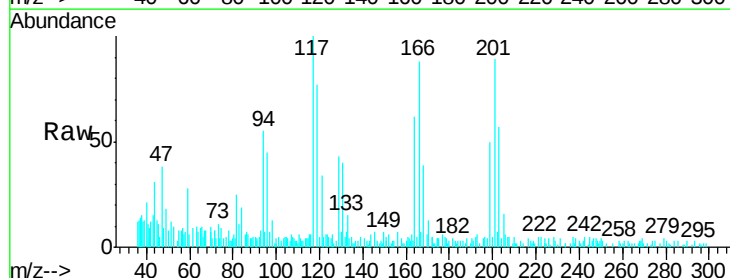
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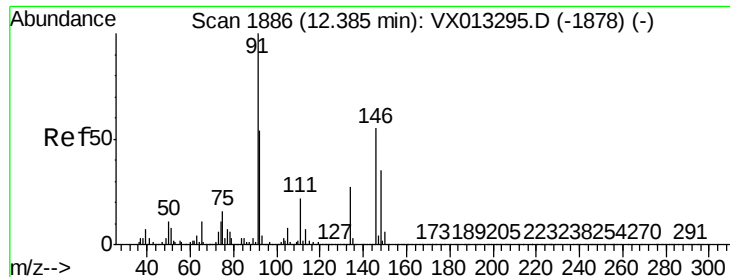
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#90
Hexachloroethane
Concen: 0.881 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	5148		
201	90.5	43.9	131.7	





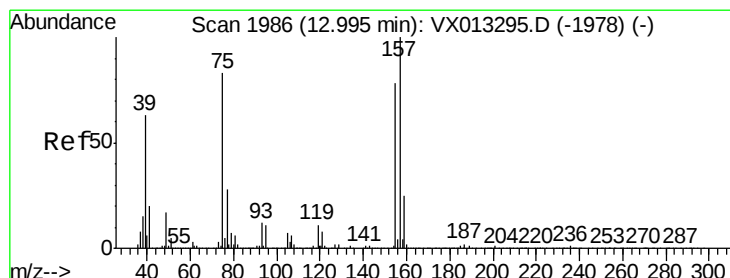
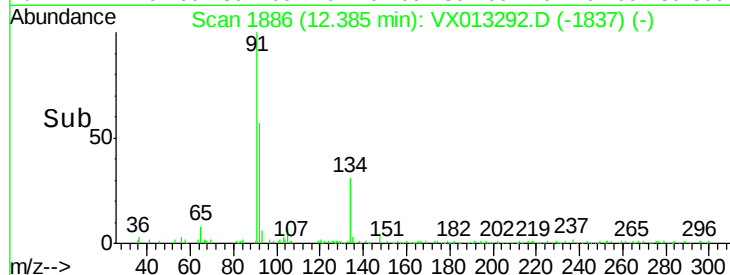
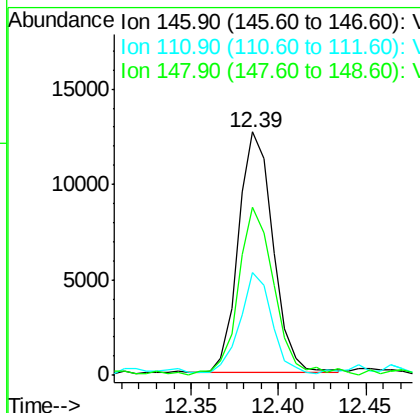
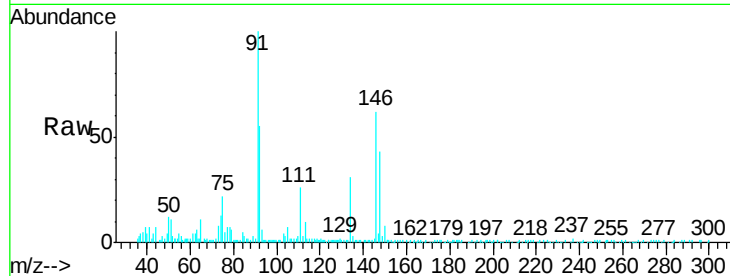
#91
 1,2-Dichlorobenzene
 Concen: 0.889 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.1	60.2
148	73.2	32.0	96.0

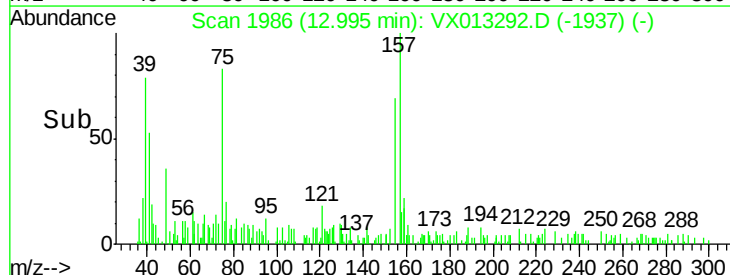
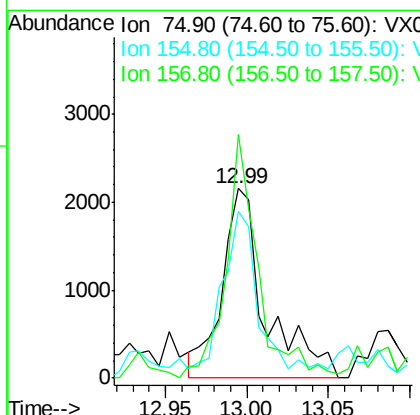
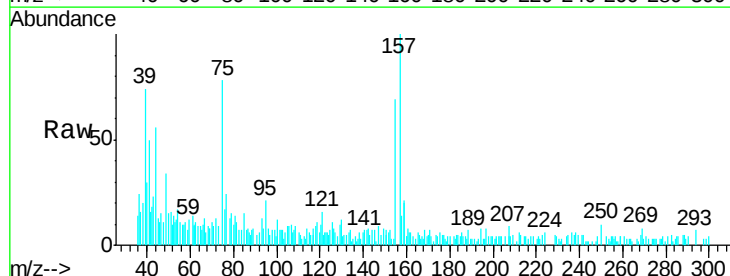
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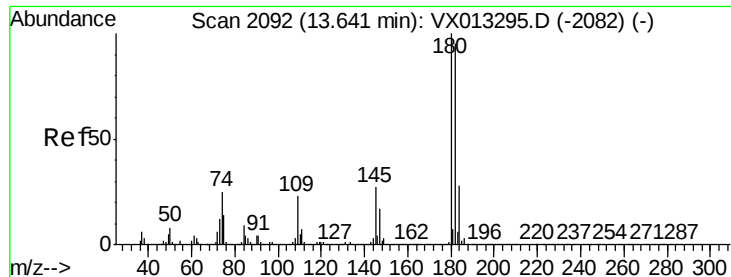
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.370 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.5	47.1	141.4
157	94.5	61.3	183.8





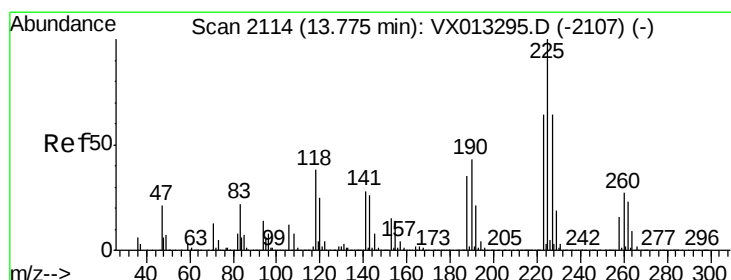
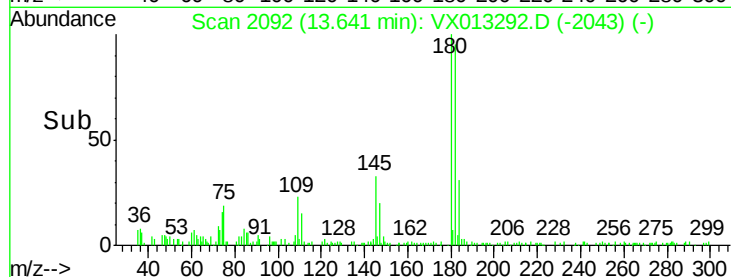
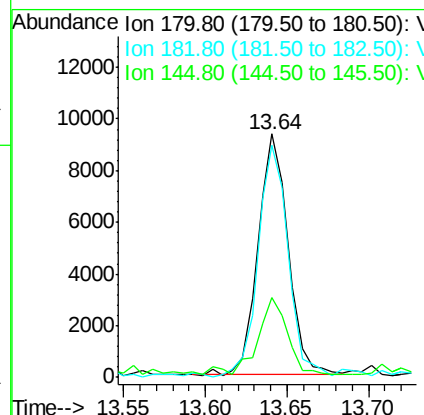
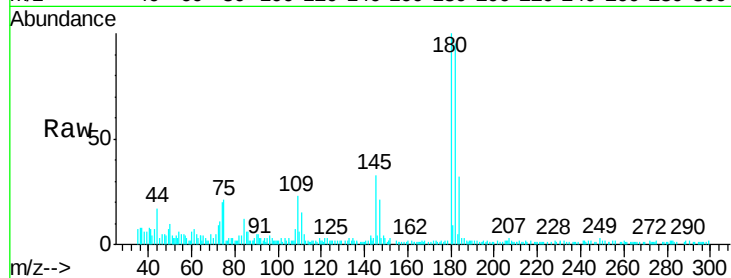
#93
 1,2,4-Trichlorobenzene
 Concen: 0.896 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	48.4	145.0
145	33.0	14.1	42.4

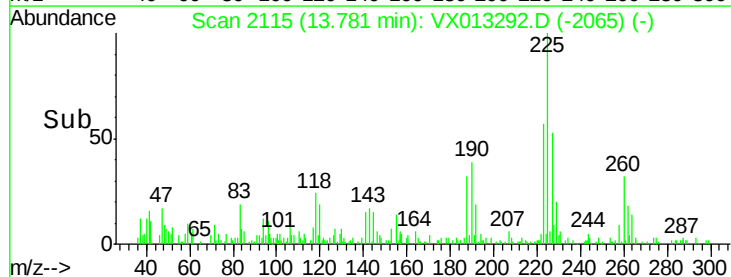
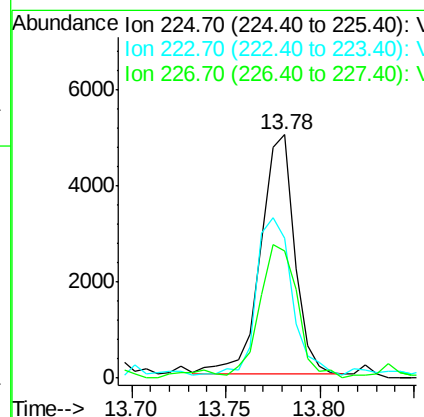
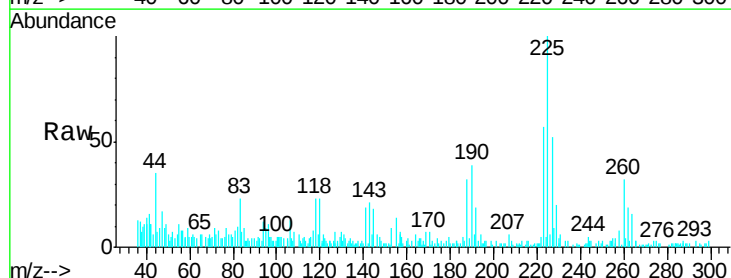
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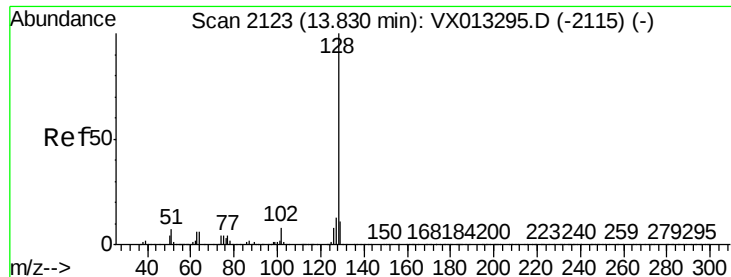
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 11/4/2019 3:40:54 PM



#94
 Hexachlorobutadiene
 Concen: 0.961 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.9	31.9	95.7
227	62.1	31.9	95.9





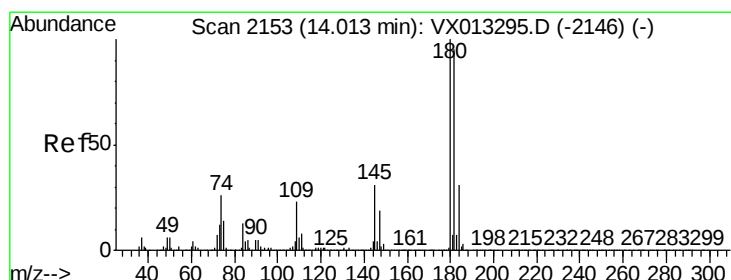
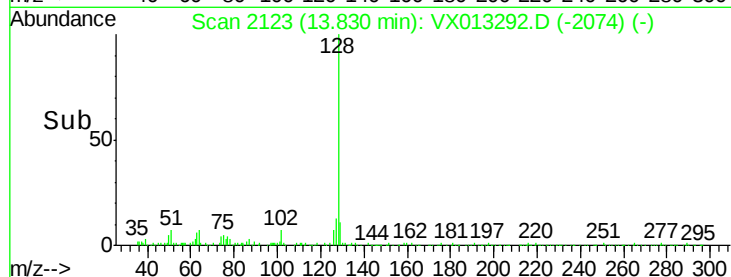
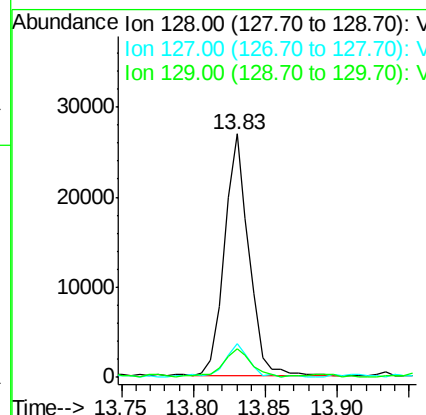
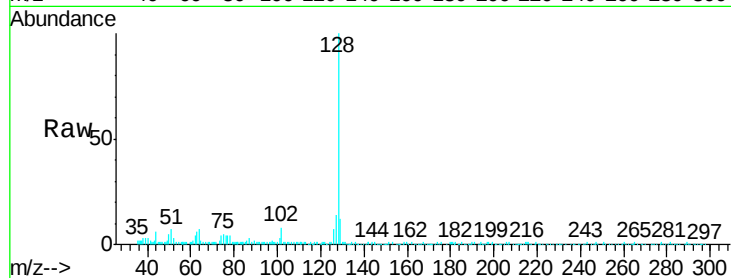
#95
Naphthalene
Concen: 0.811 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
127	14.9	10.2	15.2
129	13.1	8.5	12.7

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#96
1,2,3-Trichlorobenzene
Concen: 0.851 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.0	48.0	144.2
145	32.8	15.4	46.4

