

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121319\
 Data File : VX014007.D
 Acq On : 13 Dec 2019 14:49
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
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 12/17/2019 2:48:42 PM

Quant Time: Dec 17 03:02:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 16:34:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	788651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1189953	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1042212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	492183	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	7529	0.893 ug/l	96
3) Chloromethane	1.32	50	10536	1.080 ug/l	96
4) Vinyl Chloride	1.40	62	12099	1.121 ug/l	95
6) Chloroethane	1.71	64	7212	1.146 ug/l #	85
7) Trichlorofluoromethane	1.92	101	14018	1.135 ug/l	94
8) Diethyl Ether	2.17	74	7038	1.261 ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	8222	1.094 ug/l	92
12) 1,1-Dichloroethene	2.36	96	8393	1.120 ug/l	95
14) Allyl chloride	2.72	41	14585	1.074 ug/l	96
15) Acrylonitrile	3.13	53	23664	5.123 ug/l #	93
16) Acetone	2.43	43	31271	6.588 ug/l	95
17) Carbon Disulfide	2.56	76	29821	1.393 ug/l	99
18) Methyl Acetate	2.76	43	12638	1.029 ug/l	93
19) Methyl tert-butyl Ether	3.18	73	26008	1.046 ug/l	97
20) Methylene Chloride	2.84	84	11586	1.331 ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	9915	1.213 ug/l	85
22) Diisopropyl ether	3.84	45	28244	1.075 ug/l #	75
23) Vinyl Acetate	3.80	43	115573	5.296 ug/l	100
24) 1,1-Dichloroethane	3.68	63	17531	1.220 ug/l	98
25) 2-Butanone	4.66	43	34597	5.107 ug/l	90
26) 2,2-Dichloropropane	4.57	77	13026	1.100 ug/l	93
27) cis-1,2-Dichloroethene	4.58	96	11096	1.182 ug/l	98
28) Bromochloromethane	5.00	49	4509	0.889 ug/l #	84
29) Tetrahydrofuran	5.12	42	21384	5.237 ug/l	98
30) Chloroform	5.20	83	15604	1.073 ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	13317	1.096 ug/l #	50
36) 1,1-Dichloropropene	5.79	75	12335	1.141 ug/l #	84
37) Ethyl Acetate	4.82	43	11886	0.986 ug/l #	86
38) Carbon Tetrachloride	5.77	117	10200	1.023 ug/l	89
39) Methylcyclohexane	7.45	83	14939	1.116 ug/l	97
40) Benzene	6.13	78	37774	1.145 ug/l	100
41) Methacrylonitrile	5.03	41	7044	1.070 ug/l #	80
42) 1,2-Dichloroethane	6.19	62	11688	1.040 ug/l	88
43) Isopropyl Acetate	6.44	43	20213	1.015 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.20	130	11355	1.259	ug/l	88
45) 1,2-Dichloropropane	7.51	63	9301	1.125	ug/l	94
46) Dibromomethane	7.65	93	7070	1.263	ug/l	95
47) Bromodichloromethane	7.89	83	11412	1.079	ug/l	93
48) Methyl methacrylate	7.76	41	9926	1.028	ug/l	91
49) 1,4-Dioxane	7.73	88	4148	19.503	ug/l #	85
51) 4-Methyl-2-Pentanone	8.64	43	60739	4.856	ug/l	98
52) Toluene	8.78	92	24050	1.172	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	11090	0.922	ug/l	91
54) cis-1,3-Dichloropropene	8.43	75	12372	0.940	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	9482	1.148	ug/l	94
56) Ethyl methacrylate	9.17	69	12354	0.929	ug/l #	83
57) 1,3-Dichloropropane	9.36	76	15349	1.077	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	21365	4.098	ug/l	99
59) 2-Hexanone	9.49	43	45812	4.655	ug/l	96
60) Dibromochloromethane	9.57	129	7865	0.921	ug/l	95
61) 1,2-Dibromoethane	9.67	107	9234	1.048	ug/l	91
64) Tetrachloroethene	9.33	164	10196	1.268	ug/l	94
65) Chlorobenzene	10.13	112	25303	1.163	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	8426	1.081	ug/l #	63
67) Ethyl Benzene	10.25	91	41396	1.108	ug/l	96
68) m/p-Xylenes	10.36	106	31836	2.223	ug/l	97
69) o-Xylene	10.70	106	15471	1.108	ug/l	97
70) Styrene	10.71	104	25473	1.081	ug/l	98
71) Bromoform	10.85	173	5988	0.932	ug/l #	99
73) Isopropylbenzene	11.01	105	38061	1.101	ug/l	96
74) N-amyl acetate	10.90	43	16431	1.038	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	12856	1.074	ug/l	93
76) 1,2,3-Trichloropropane	11.29	75	10589m	0.961	ug/l	
77) Bromobenzene	11.25	156	11866	1.273	ug/l	90
78) n-propylbenzene	11.35	91	42164	1.091	ug/l	96
79) 2-Chlorotoluene	11.42	91	26847	1.154	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	31510	1.109	ug/l	99
82) 4-Chlorotoluene	11.51	91	31365	1.168	ug/l	98
83) tert-Butylbenzene	11.76	119	32037	1.119	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	30986	1.075	ug/l	99
85) sec-Butylbenzene	11.94	105	36468	1.107	ug/l	99
86) p-Isopropyltoluene	12.06	119	31503	1.029	ug/l	90
87) 1,3-Dichlorobenzene	12.02	146	20106	1.235	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	21665m	1.305	ug/l	
89) n-Butylbenzene	12.39	91	27243	1.042	ug/l	96
90) Hexachloroethane	12.59	117	5598	1.009	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	20057	1.244	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	3404	1.319	ug/l	78
93) 1,2,4-Trichlorobenzene	13.64	180	12885	1.157	ug/l	98
94) Hexachlorobutadiene	13.78	225	6745	1.251	ug/l	94
95) Naphthalene	13.83	128	34162	1.032	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	11992	1.082	ug/l	92

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MSVOA_X
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VSTDICC001

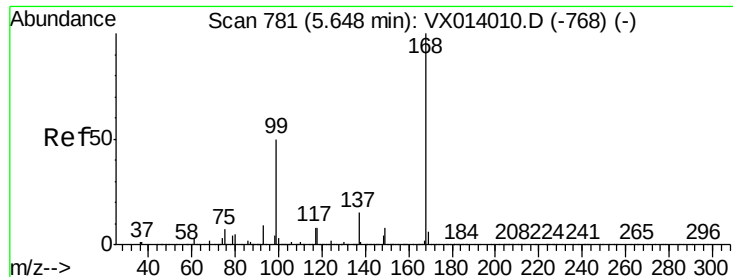
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 788651

Ion Ratio Lower Upper

168 100

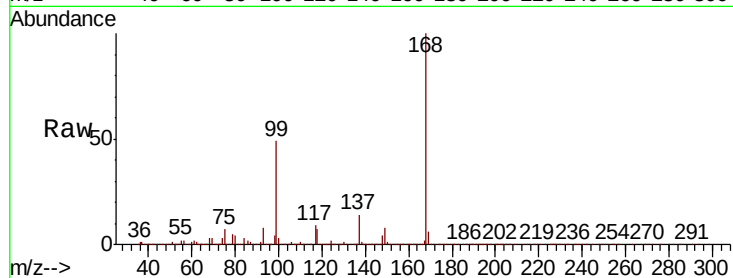
99 48.6 40.3 60.5

Manual Integrations

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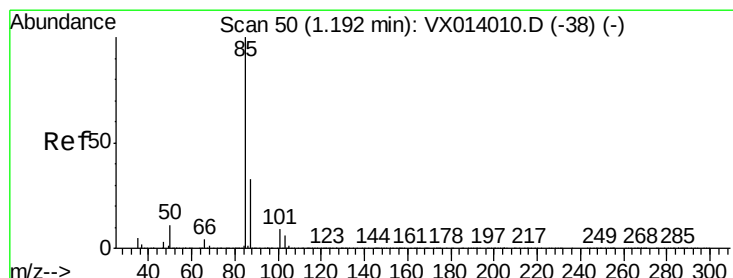
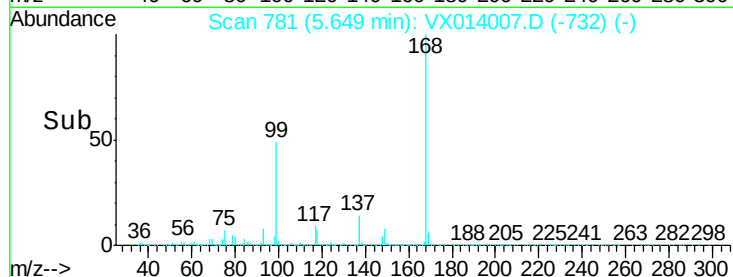
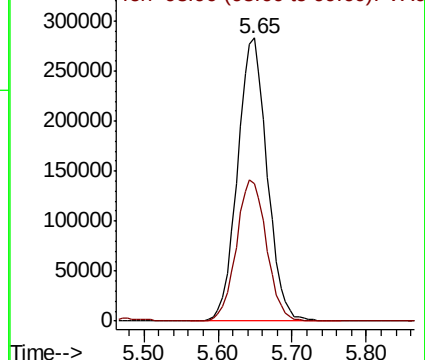
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.893 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014007.D

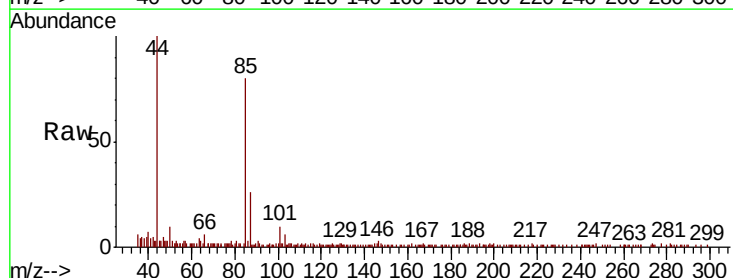
Acq: 13 Dec 2019 14:49

Tgt Ion: 85 Resp: 7529

Ion Ratio Lower Upper

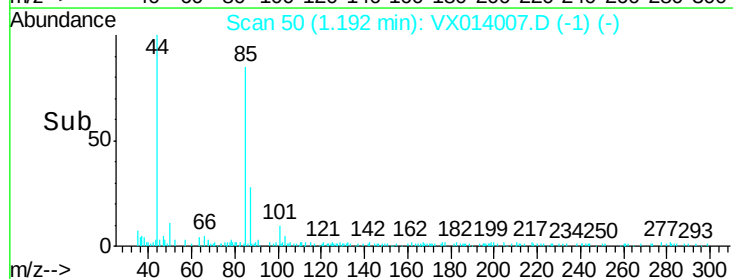
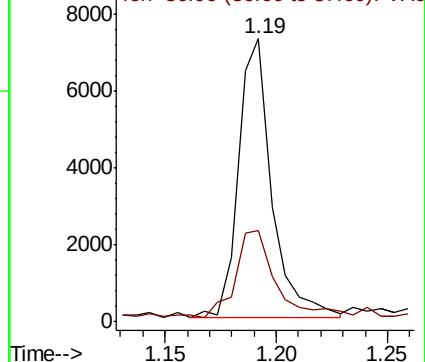
85 100

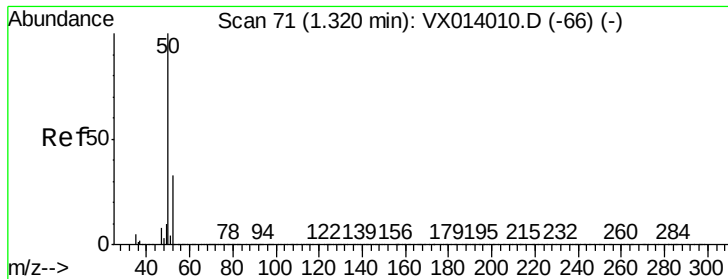
87 30.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.080 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 10536

Ion Ratio Lower Upper

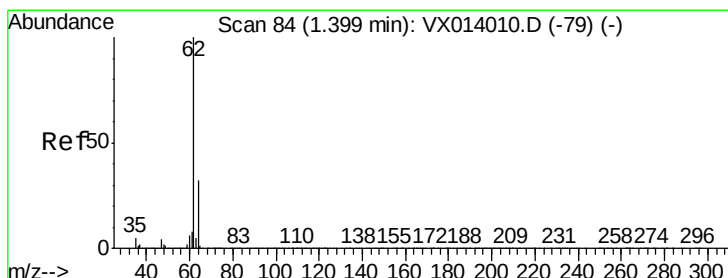
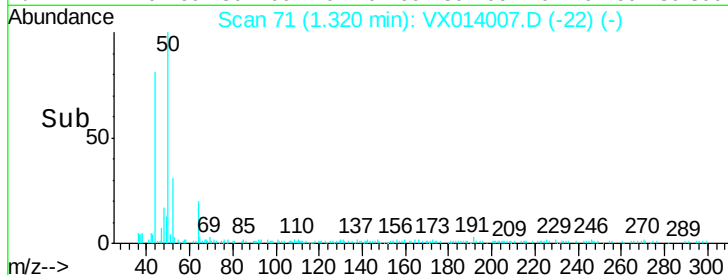
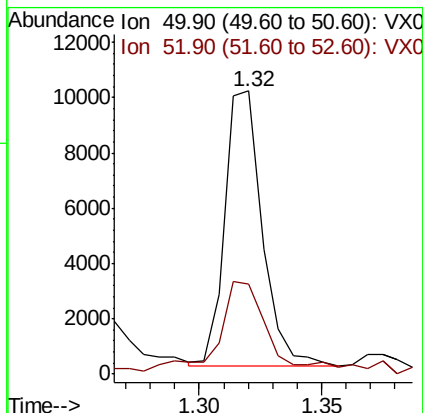
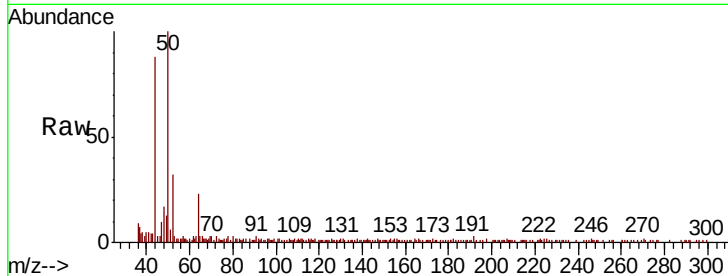
50 100

52 30.4 26.2 39.4

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#4

Vinyl Chloride

Concen: 1.121 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014007.D

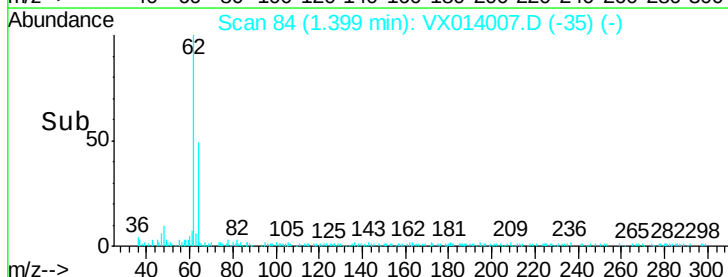
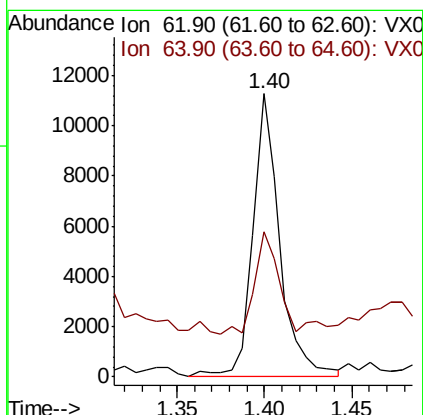
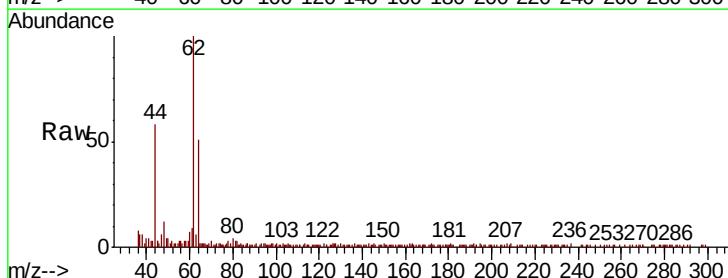
Acq: 13 Dec 2019 14:49

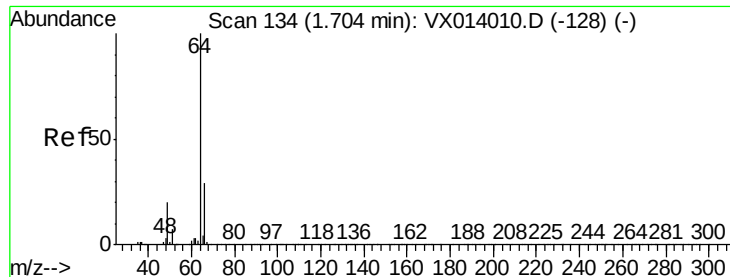
Tgt Ion: 62 Resp: 12099

Ion Ratio Lower Upper

62 100

64 34.9 25.7 38.5





#6

Chloroethane

Concen: 1.146 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 7212

Ion Ratio Lower Upper

64 100

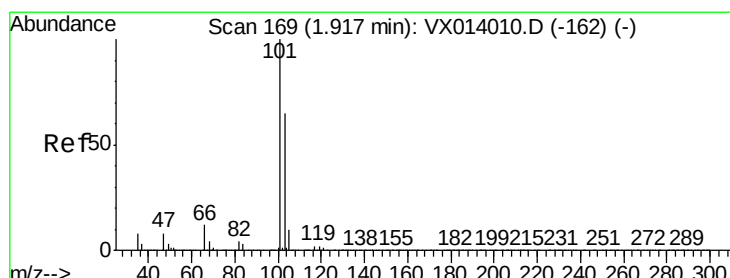
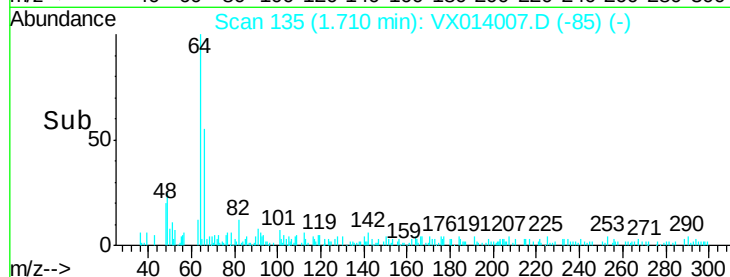
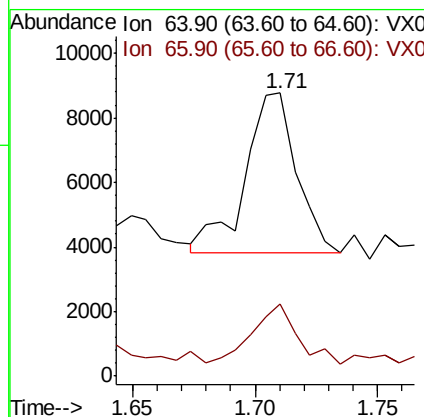
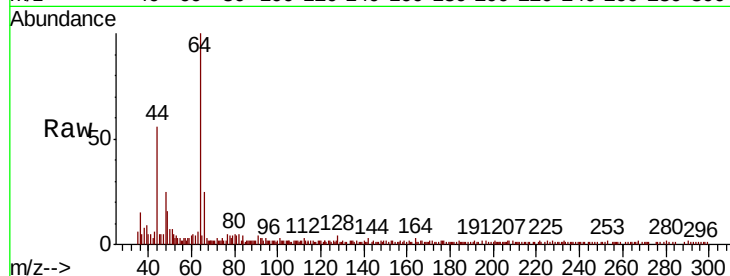
66 37.5 23.4 35.2#

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 1.135 ug/l

RT: 1.92 min Scan# 169

Delta R.T. 0.00 min

Lab File: VX014007.D

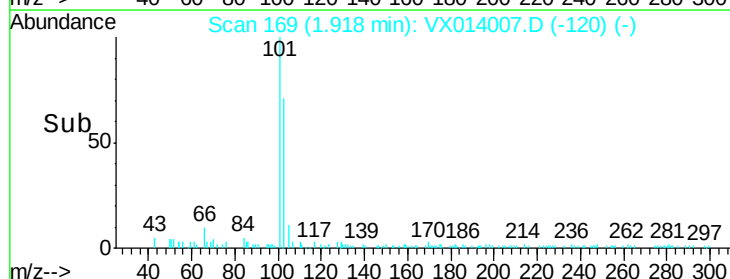
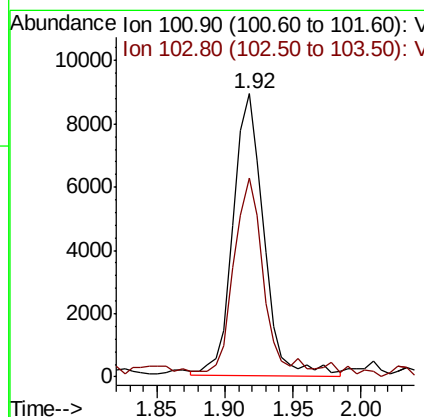
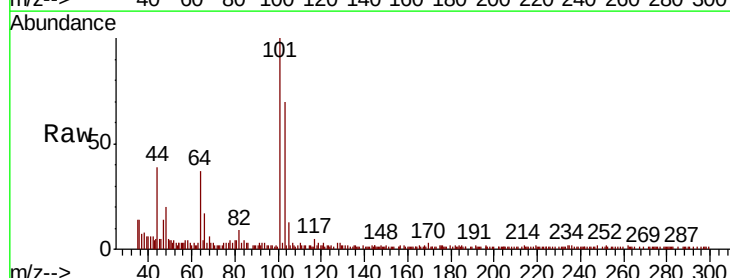
Acq: 13 Dec 2019 14:49

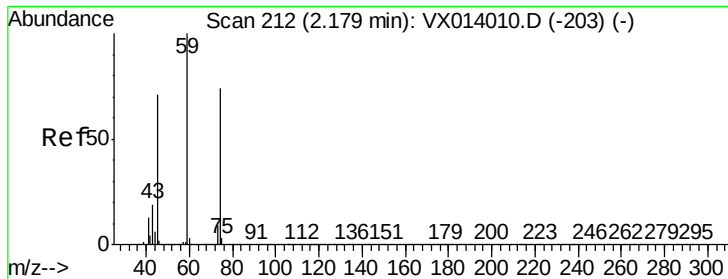
Tgt Ion: 101 Resp: 14018

Ion Ratio Lower Upper

101 100

103 69.8 52.2 78.4





#8

Diethyl Ether

Concen: 1.261 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 7038

Ion Ratio Lower Upper

74 100

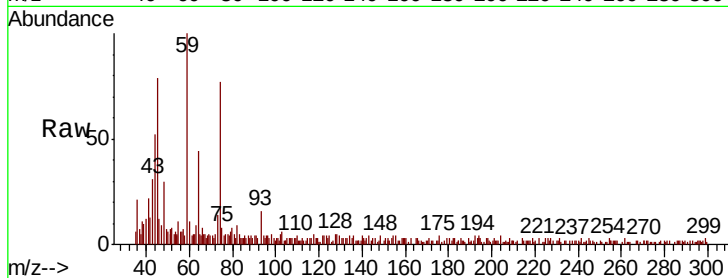
45 88.1 48.1 144.3

Manual Integrations

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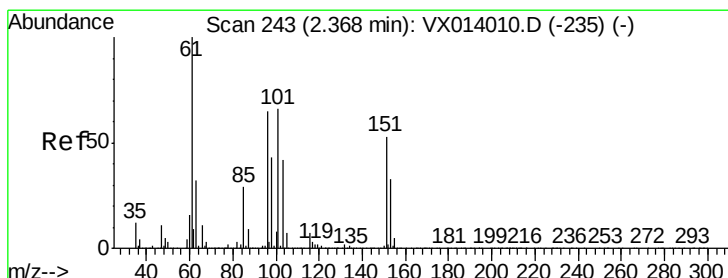
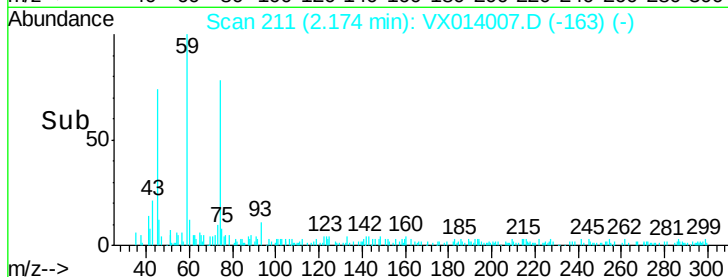
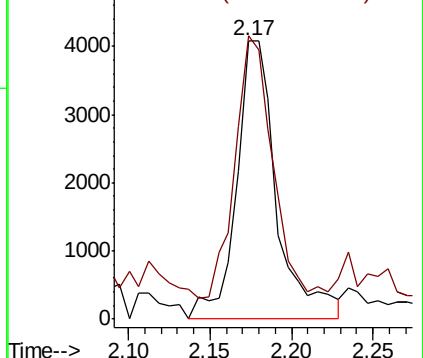
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Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.094 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

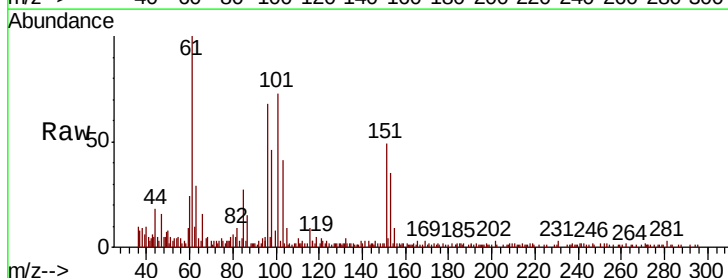
Tgt Ion: 101 Resp: 8222

Ion Ratio Lower Upper

101 100

85 47.4 33.7 50.5

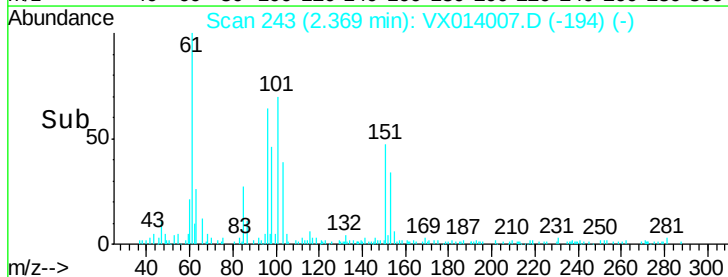
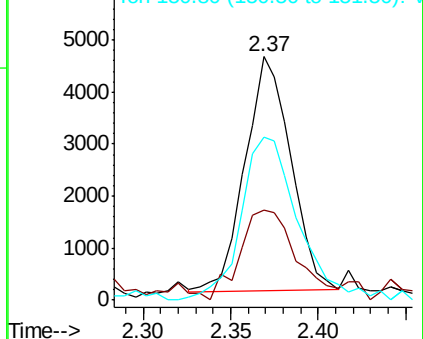
151 87.0 64.5 96.7

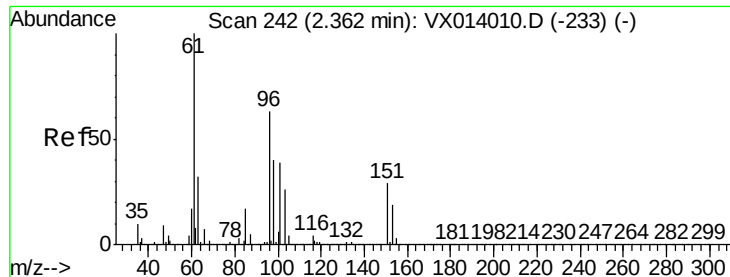


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.120 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

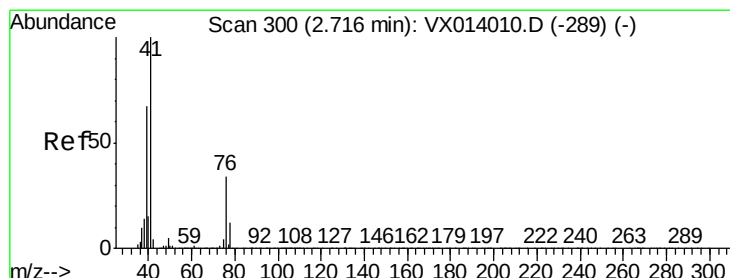
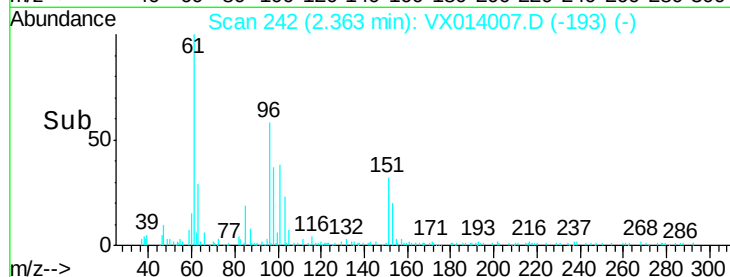
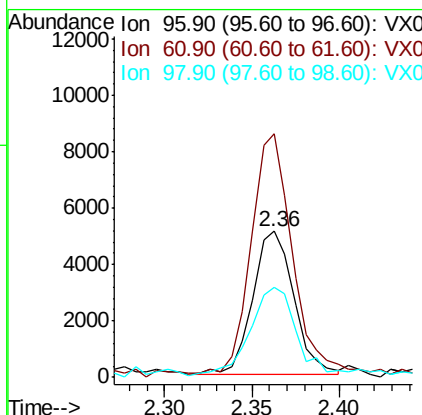
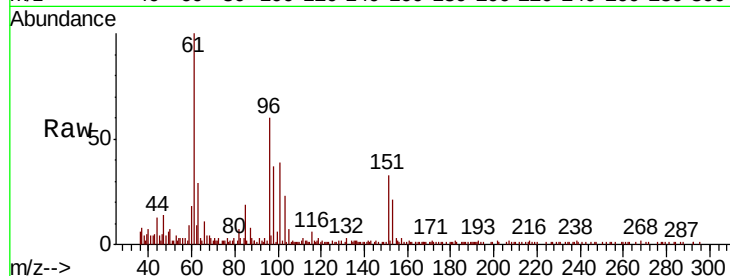
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	8393
Ion	Ratio	Lower	Upper
96	100		
61	167.1	127.9	191.9
98	61.4	50.5	75.7

Manual Integrations
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#14

Allyl chloride

Concen: 1.074 ug/l

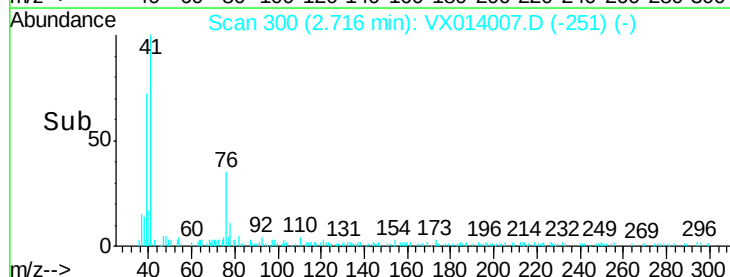
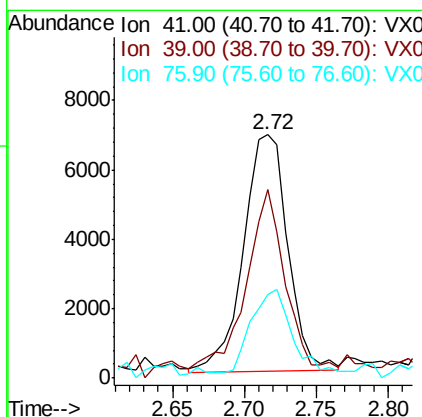
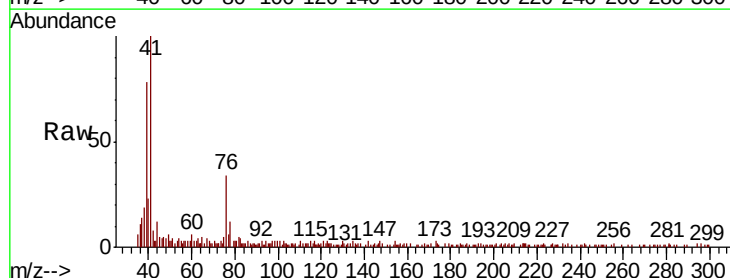
RT: 2.72 min Scan# 300

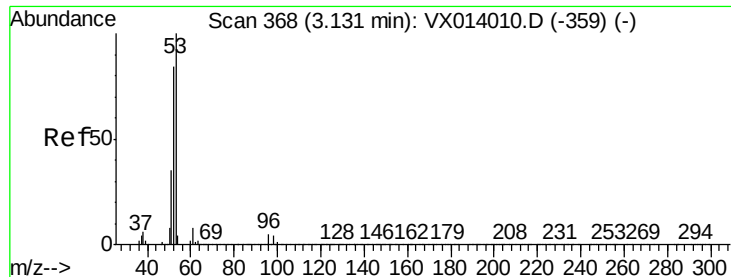
Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tgt Ion:	41	Resp:	14585
Ion	Ratio	Lower	Upper
41	100		
39	63.4	51.8	77.8
76	37.0	25.9	38.9





#15

Acrylonitrile

Concen: 5.123 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

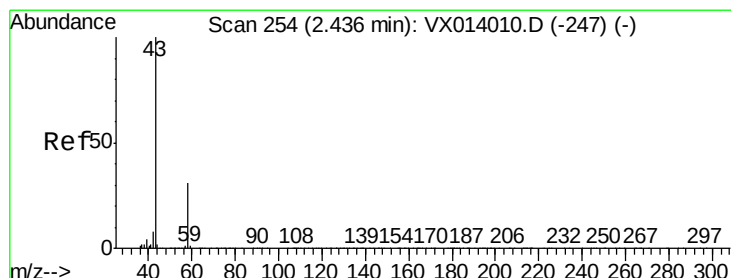
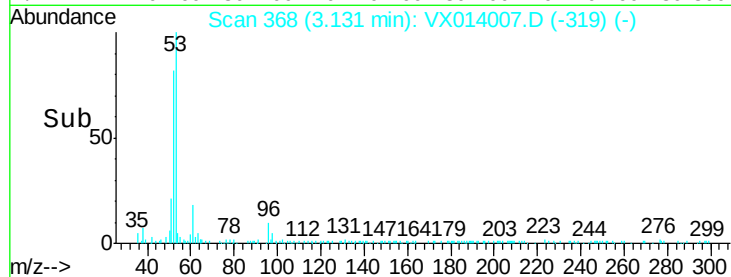
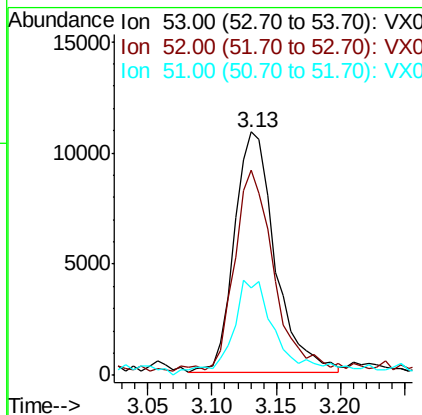
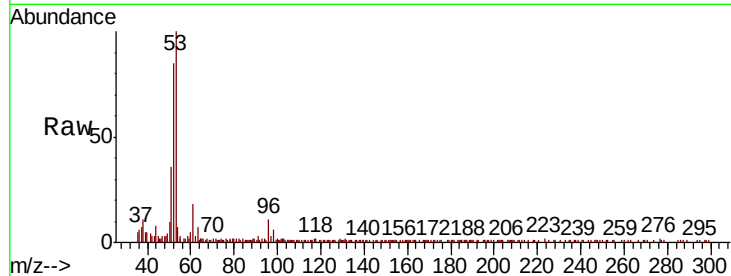
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	23664
Ion Ratio	Lower	Upper	
53	100		
52	80.4	66.5	99.7
51	44.7	28.1	42.1#

Manual Integrations
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#16

Acetone

Concen: 6.588 ug/l

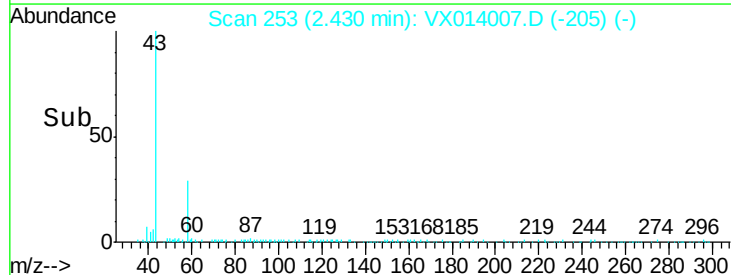
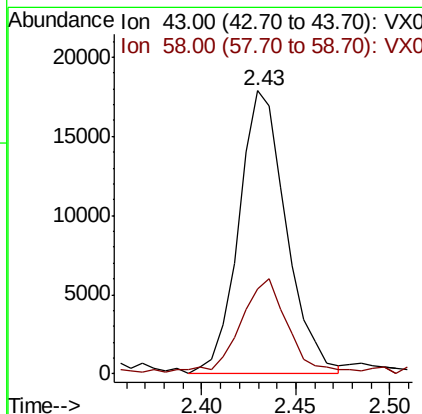
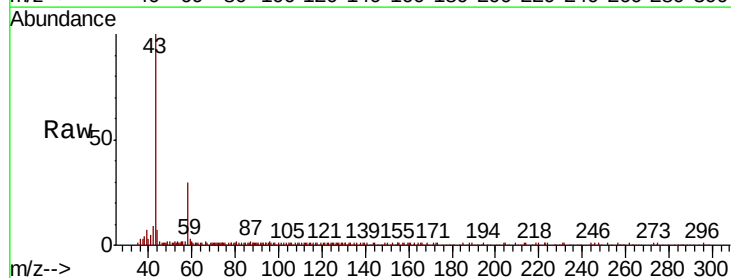
RT: 2.43 min Scan# 253

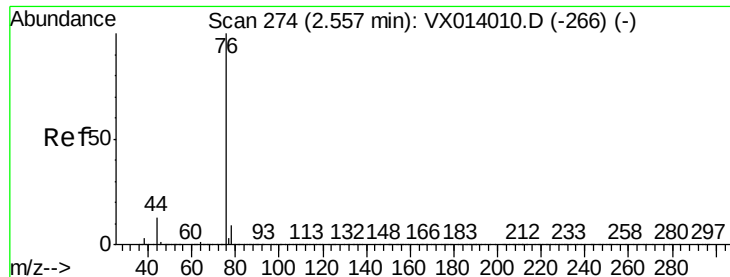
Delta R.T. -0.01 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tgt Ion:	43	Resp:	31271
Ion Ratio	Lower	Upper	
43	100		
58	28.4	24.9	37.3





#17

Carbon Disulfide

Concen: 1.393 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 29821

Ion Ratio Lower Upper

76 100

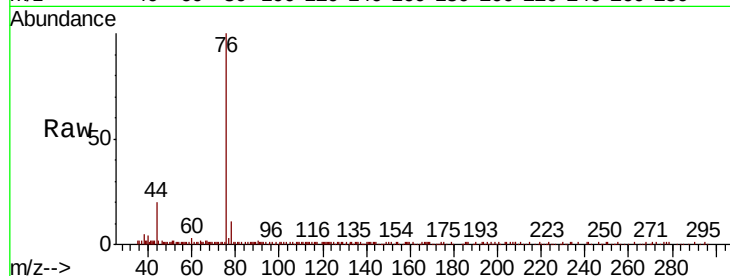
78 9.3 7.2 10.8

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

20000

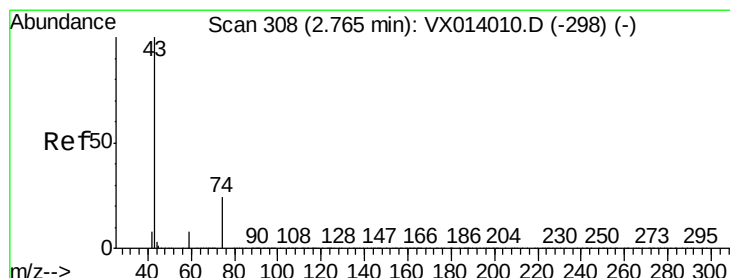
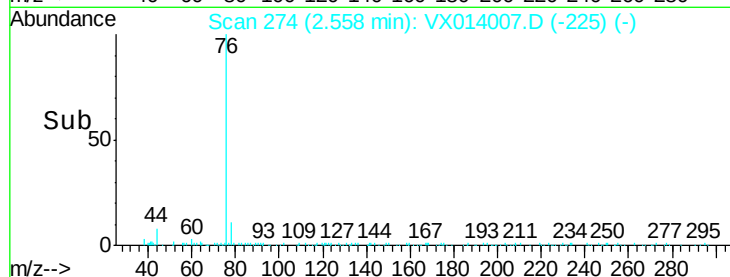
15000

10000

5000

0

Time-->



#18

Methyl Acetate

Concen: 1.029 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014007.D

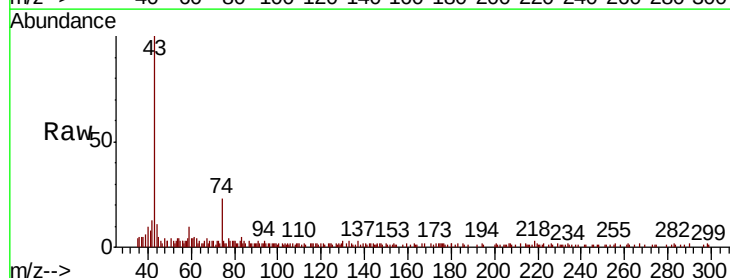
Acq: 13 Dec 2019 14:49

Tgt Ion: 43 Resp: 12638

Ion Ratio Lower Upper

43 100

74 27.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

8000

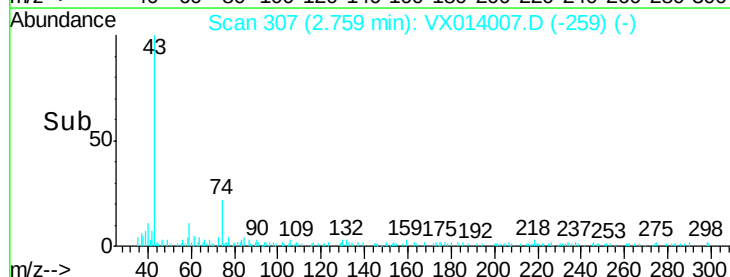
6000

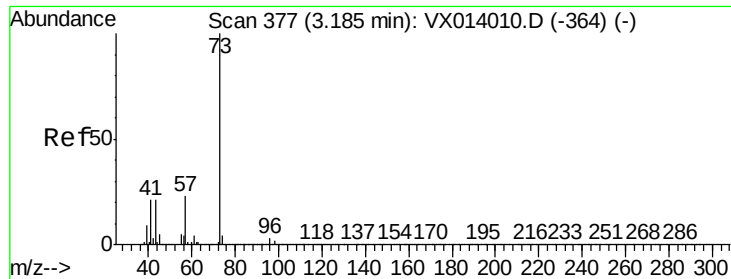
4000

2000

0

Time-->





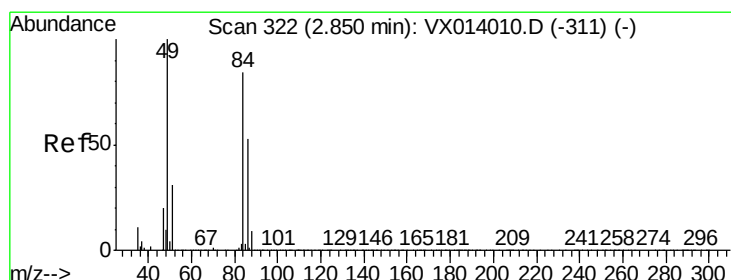
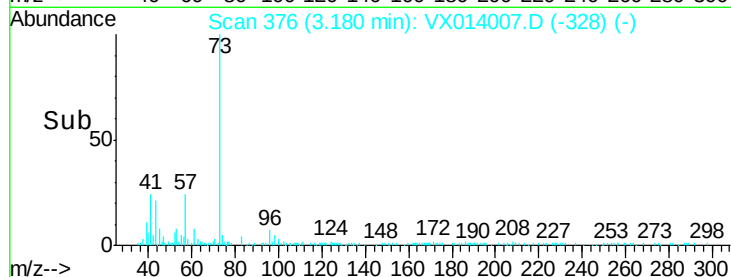
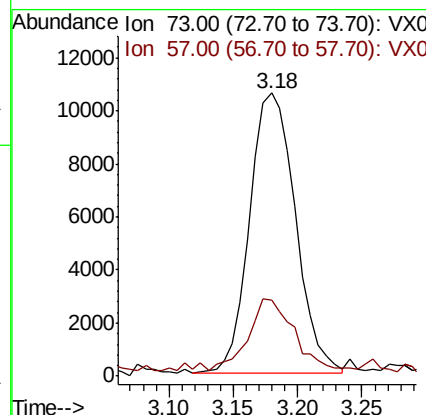
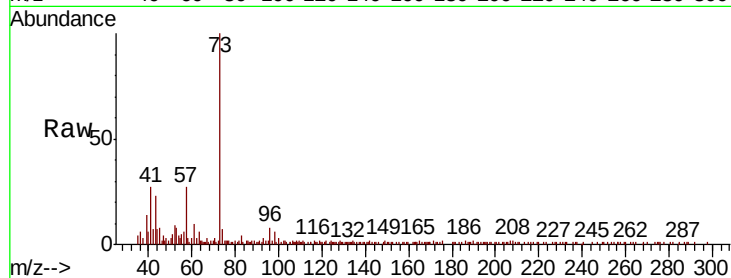
#19
Methyl tert-butyl Ether
Concen: 1.046 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	73	Resp	26008
Ion Ratio	100	Lower	Upper
73	100		
57	25.2	18.8	28.2

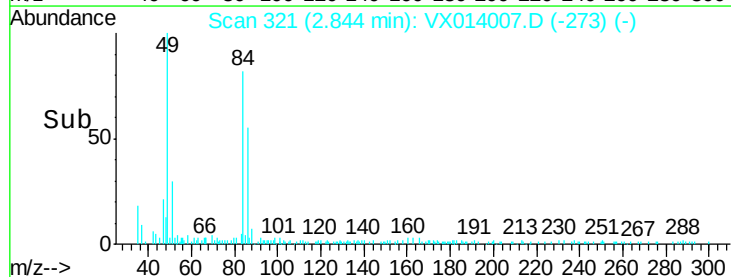
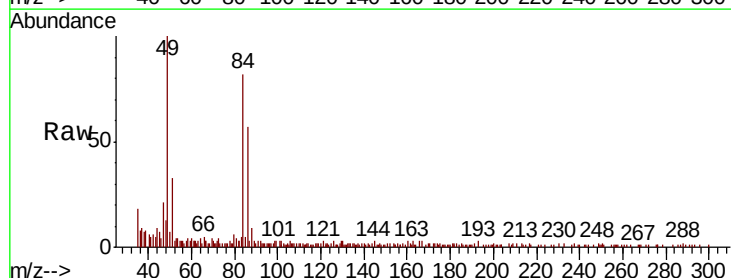
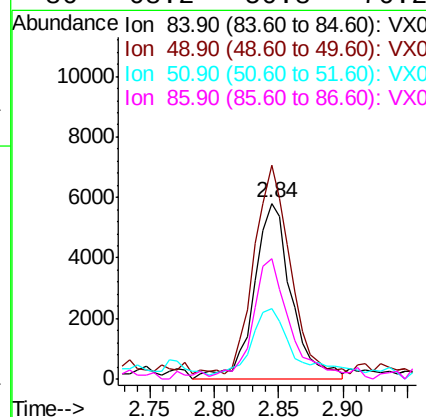
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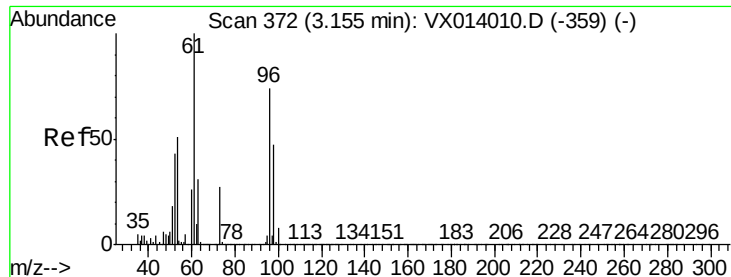
apatel
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#20
Methylene Chloride
Concen: 1.331 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Tgt Ion	84	Resp	11586
Ion Ratio	100	Lower	Upper
84	100		
49	121.6	95.8	143.6
51	36.8	29.8	44.8
86	68.2	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 1.213 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

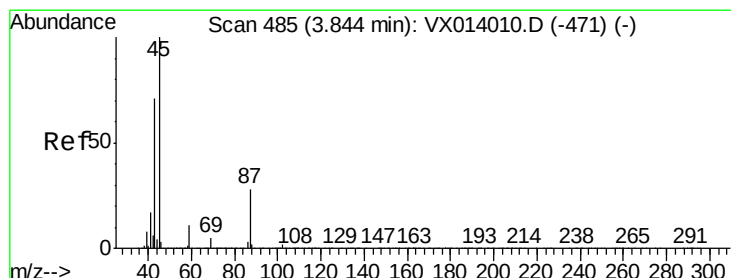
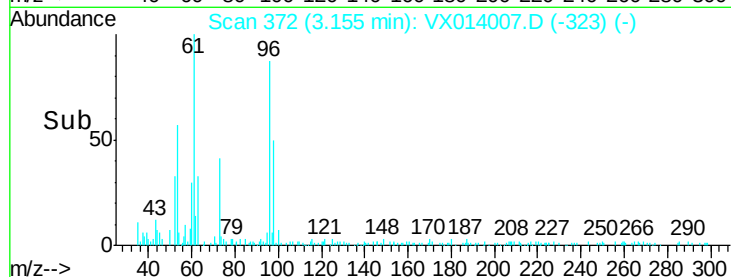
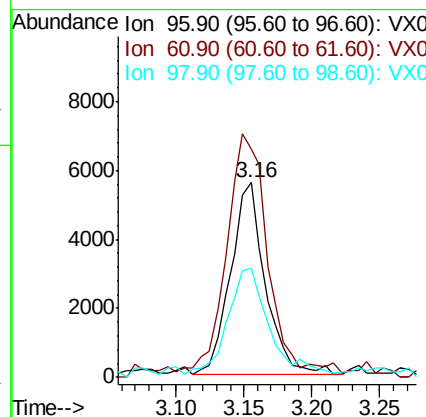
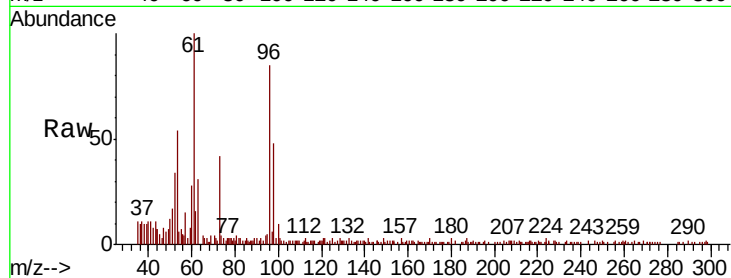
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	9915
Ion	Ratio	Lower	Upper
96	100		
61	116.6	108.3	162.5
98	54.2	50.8	76.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 1.075 ug/l

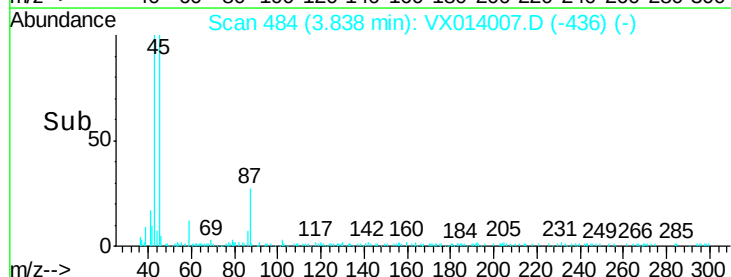
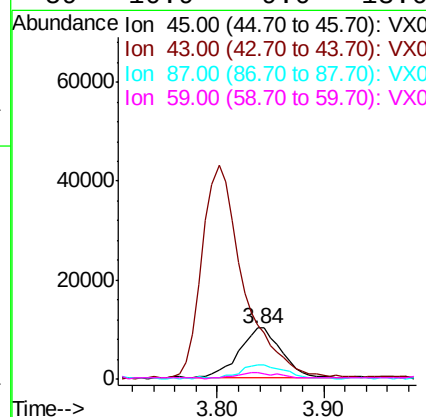
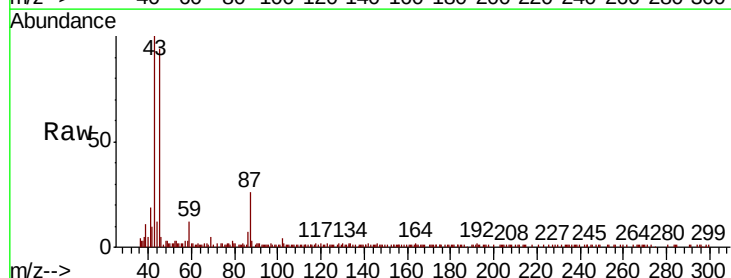
RT: 3.84 min Scan# 484

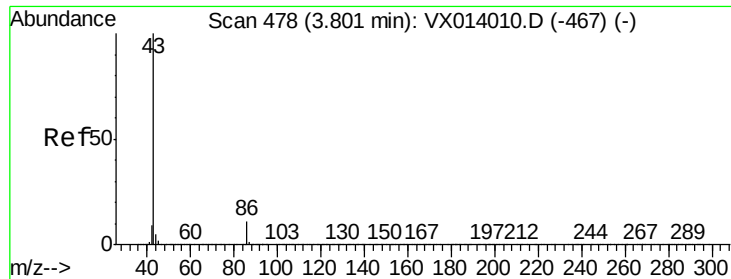
Delta R.T. -0.01 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tgt Ion:	45	Resp:	28244
Ion	Ratio	Lower	Upper
45	100		
43	103.7	57.4	86.0#
87	27.6	21.9	32.9
59	10.9	9.0	13.6





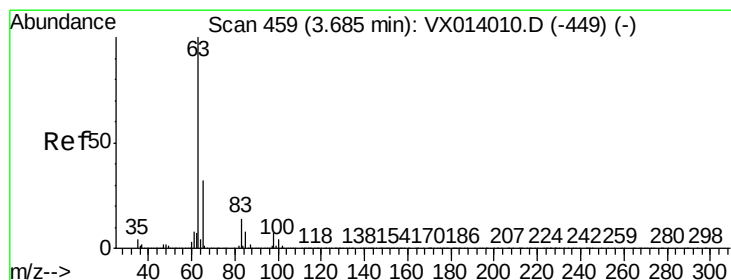
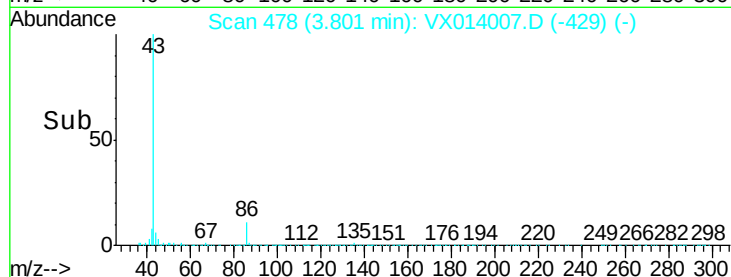
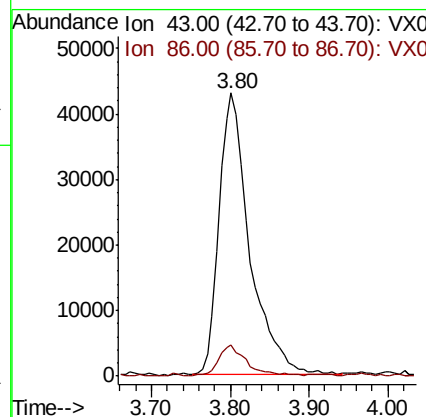
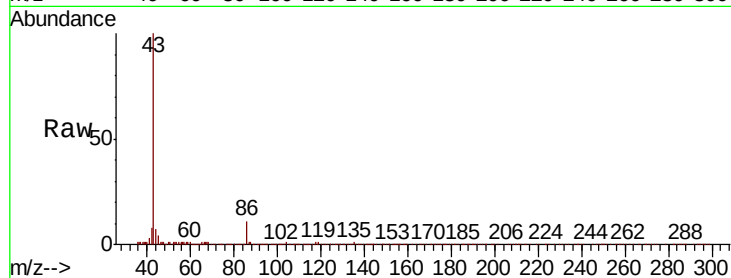
#23
 Vinyl Acetate
 Concen: 5.296 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014007.D
 Acq: 13 Dec 2019 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	43	Resp	115573
Ion Ratio	100	Lower	Upper
43	100		
86	10.8	8.6	12.8

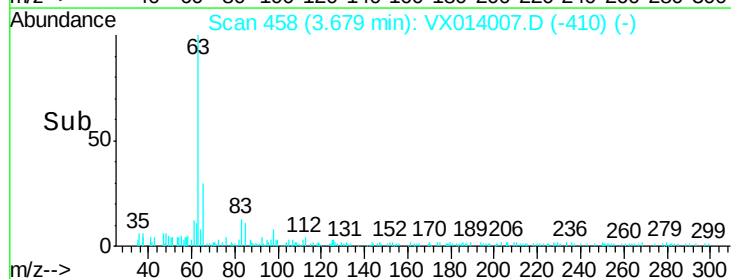
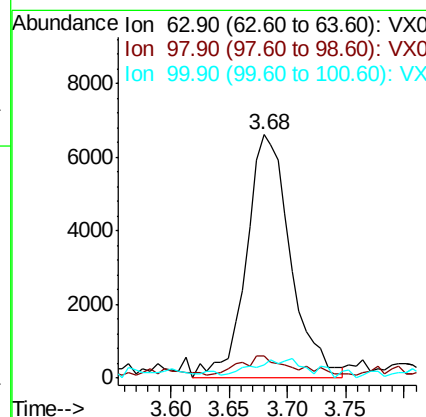
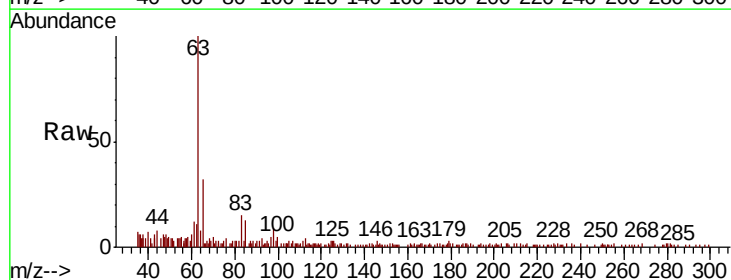
Manual Integrations
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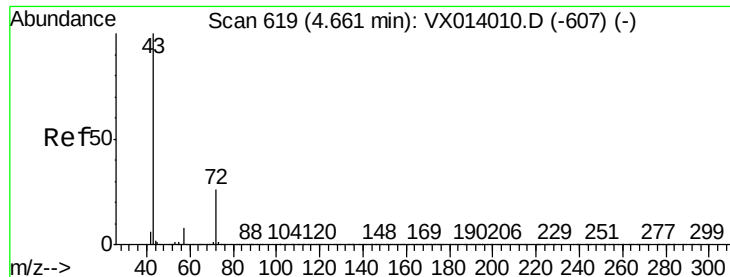
apatel
 12/17/2019 2:48:42 PM



#24
 1,1-Dichloroethane
 Concen: 1.220 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VX014007.D
 Acq: 13 Dec 2019 14:49

Tgt Ion	63	Resp	17531
Ion Ratio	100	Lower	Upper
63	100		
98	7.5	3.6	10.8
100	3.4	2.3	6.8





#25

2-Butanone

Concen: 5.107 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014007.D

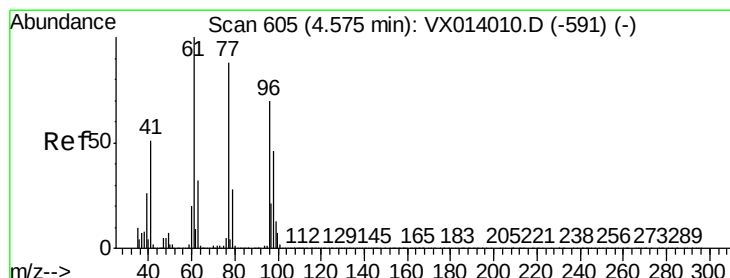
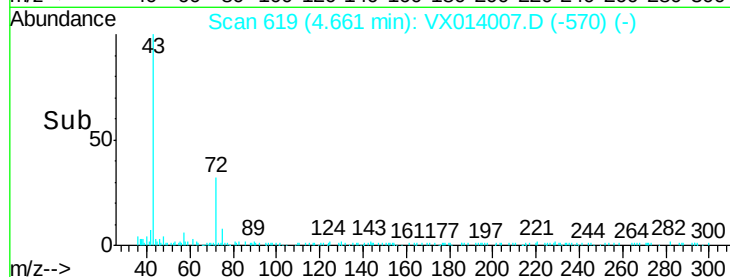
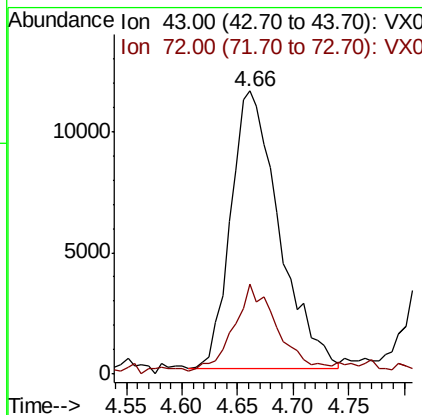
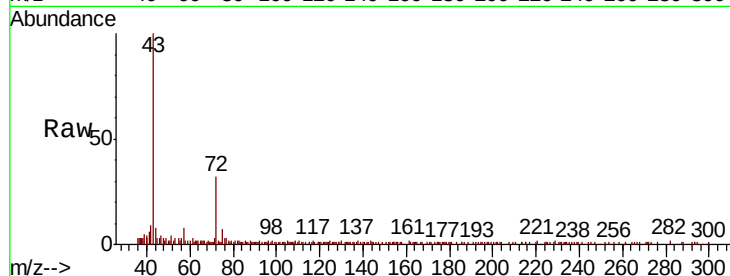
Acq: 13 Dec 2019 14:49

Tot Ion:	43	Resp:	34597
Ion Ratio	Lower	Upper	
43	100		
72	31.1	21.0	31.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 1.100 ug/l

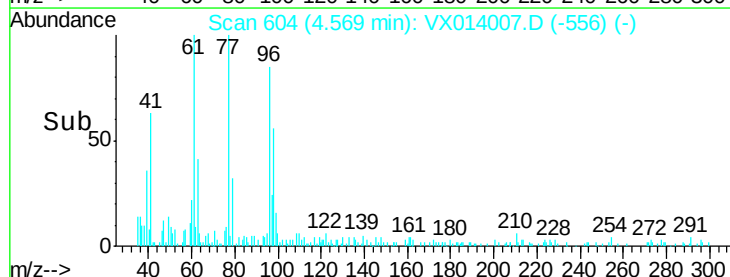
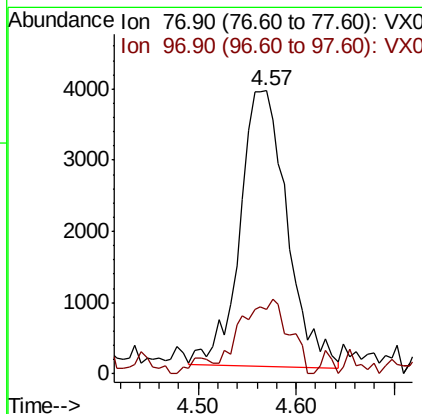
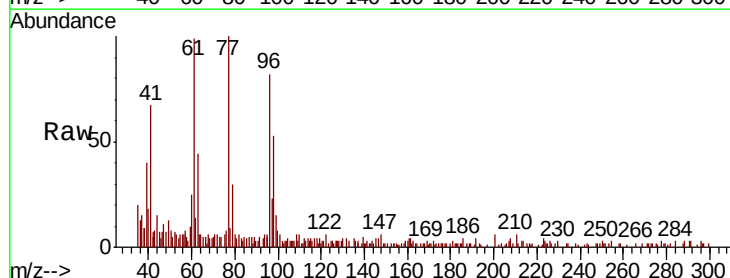
RT: 4.57 min Scan# 604

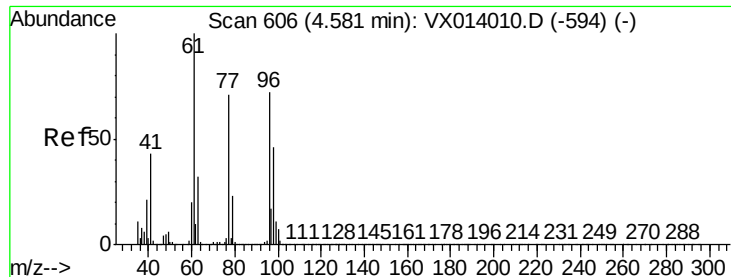
Delta R.T. -0.01 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tgt Ion:	77	Resp:	13026
Ion Ratio	Lower	Upper	
77	100		
97	27.4	11.9	35.9





#27

cis-1,2-Dichloroethene

Concen: 1.182 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

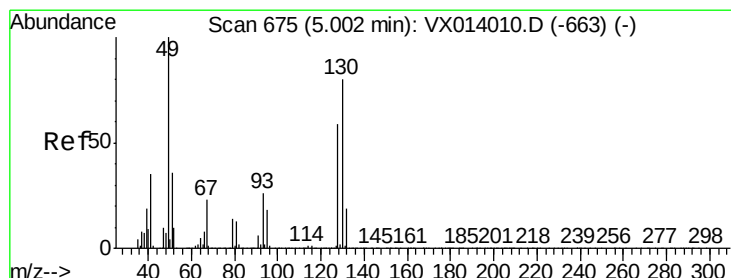
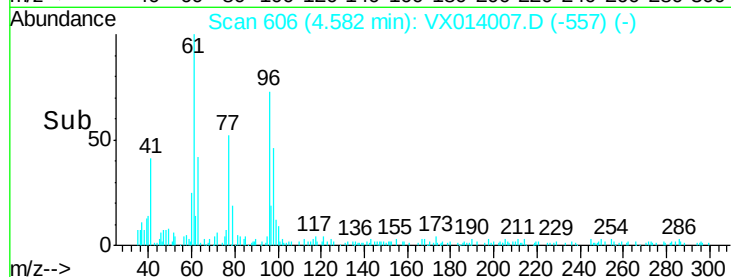
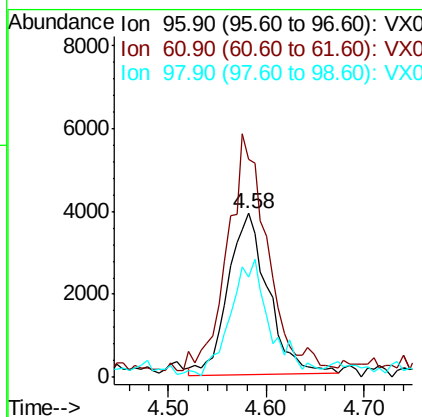
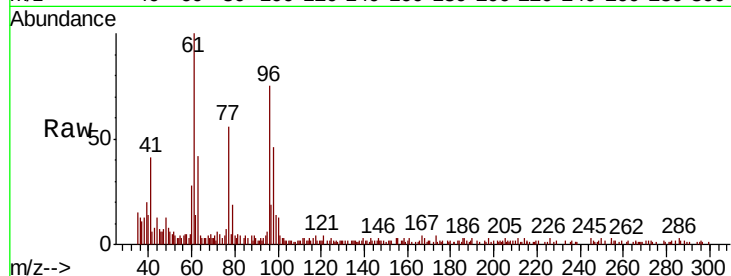
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	11096
Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	288.4
98	70.0	0.0	129.6

Manual Integrations
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#28

Bromochloromethane

Concen: 0.889 ug/l

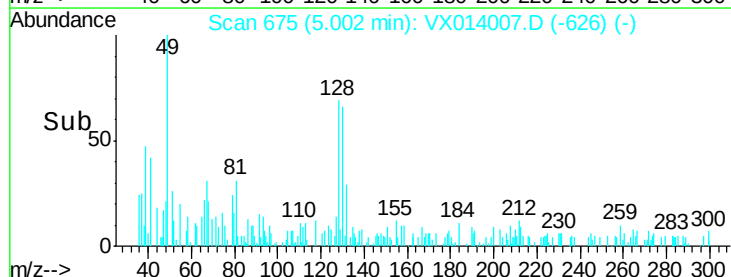
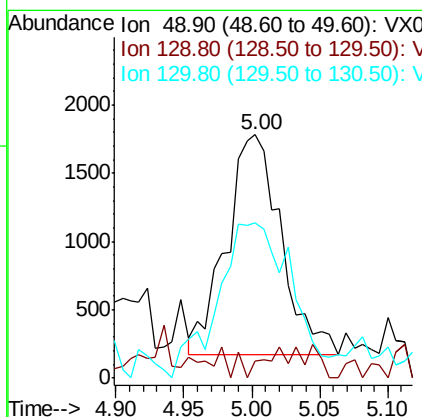
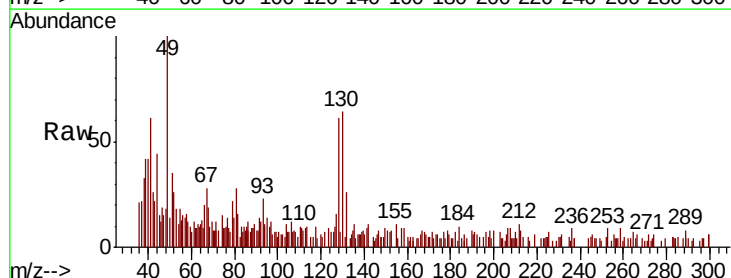
RT: 5.00 min Scan# 675

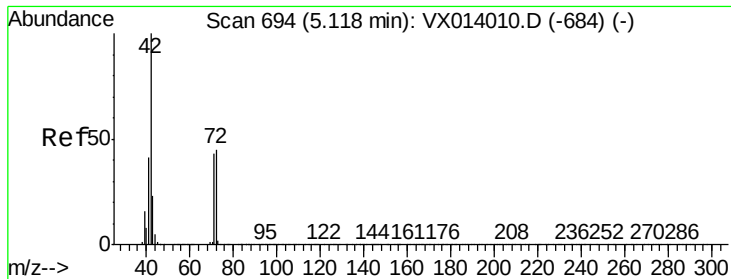
Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tgt Ion:	49	Resp:	4509
Ion	Ratio	Lower	Upper
49	100		
129	5.8	0.0	5.0#
130	95.3	64.6	97.0





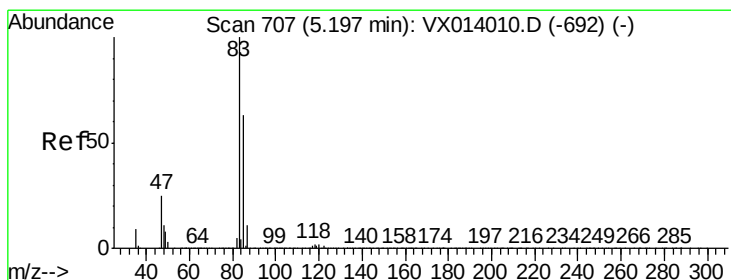
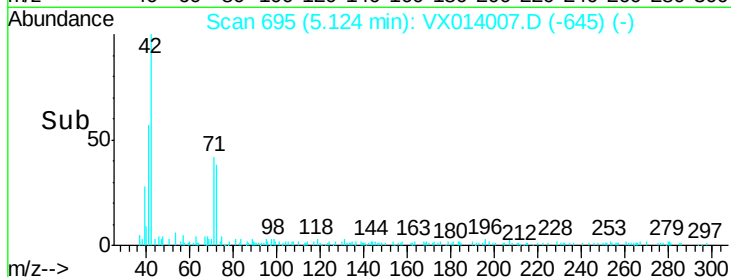
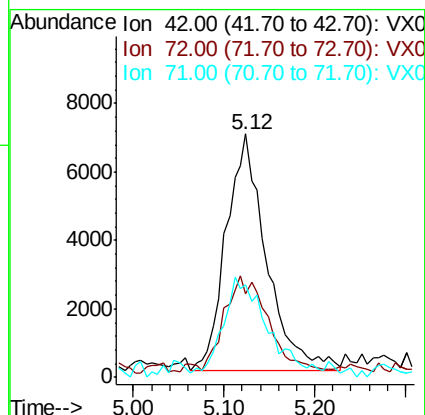
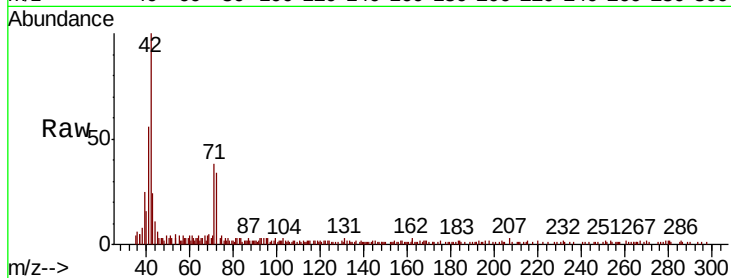
#29
Tetrahydrofuran
Concen: 5.237 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	42	Resp:	21384
Ion Ratio	Lower	Upper	
42	100		
72	43.9	35.8	53.8
71	44.2	33.6	50.4

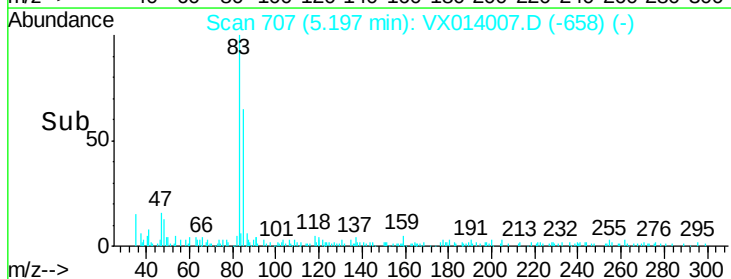
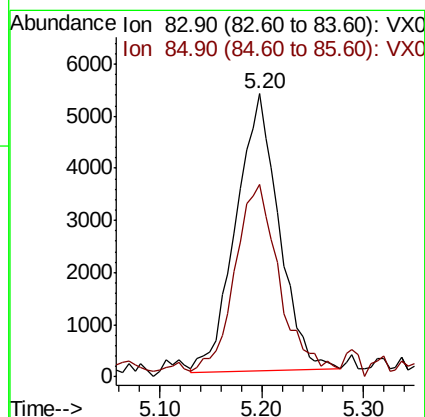
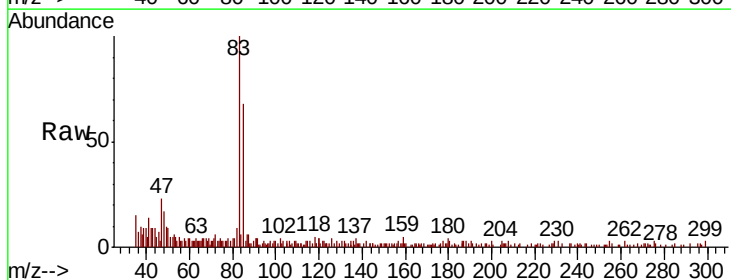
Manual Integrations
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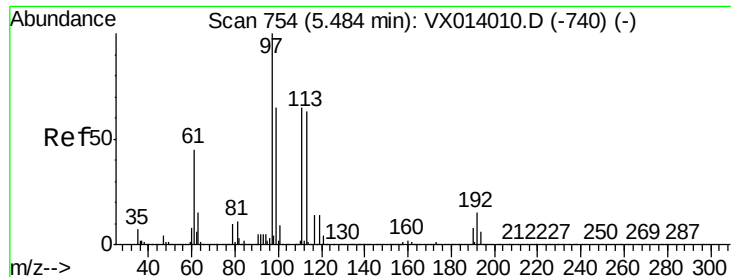
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#30
Chloroform
Concen: 1.073 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Tgt Ion:	83	Resp:	15604
Ion Ratio	Lower	Upper	
83	100		
85	67.9	50.8	76.2





#32

1,1,1-Trichloroethane

Concen: 1.096 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

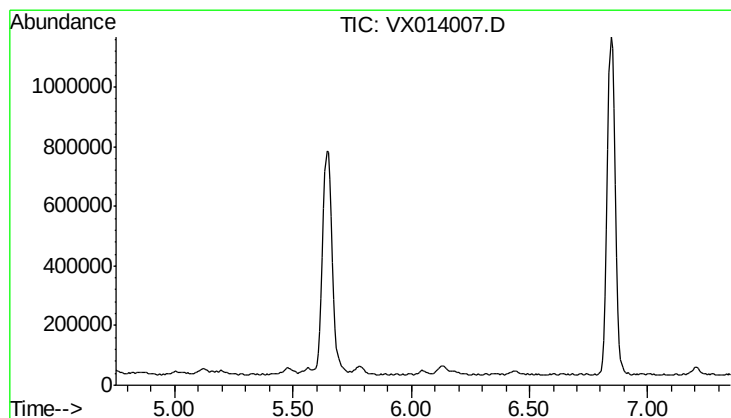
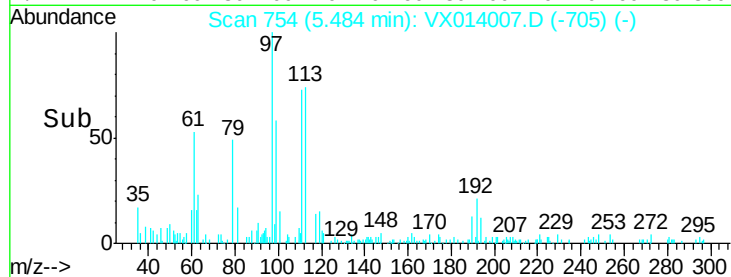
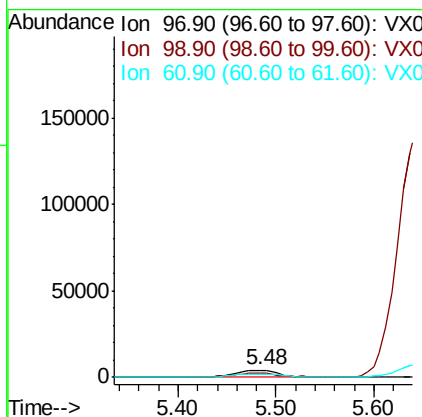
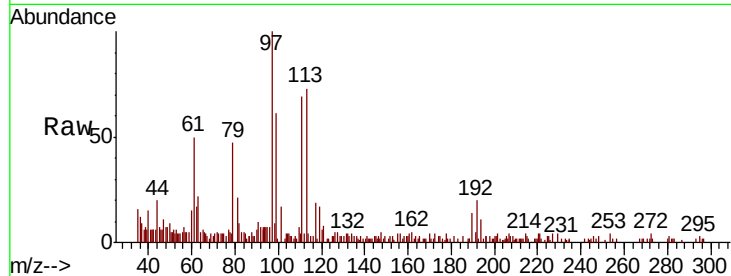
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	13317
Ion Ratio	Lower	Upper	
97	100		
99	0.0	52.0	78.0#
61	43.6	36.7	55.1

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.05 min

Lab File: VX014007.D

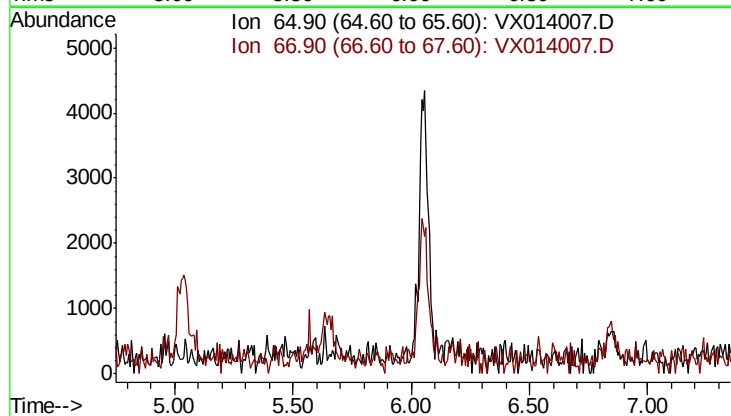
Acq: 13 Dec 2019 14:49

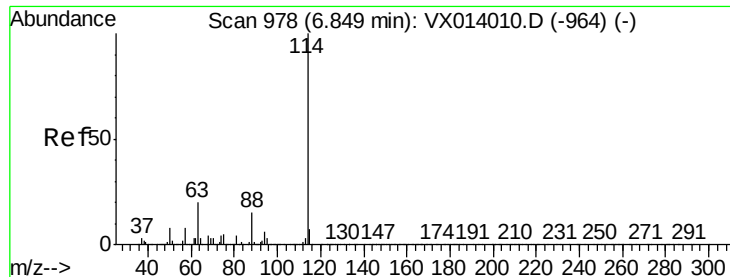
Tgt Ion: 65

Sig Exp Ratio

65 100

67 53.2





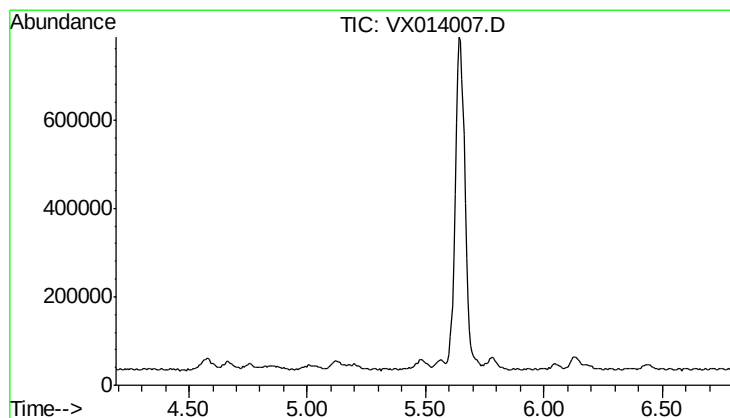
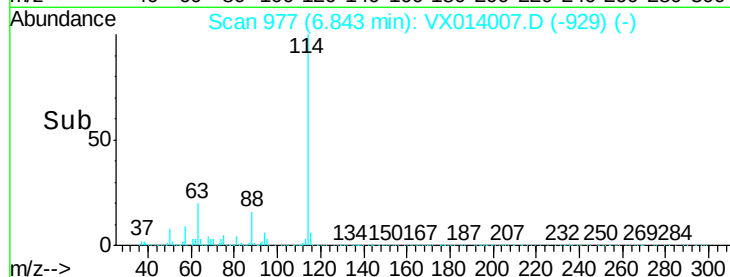
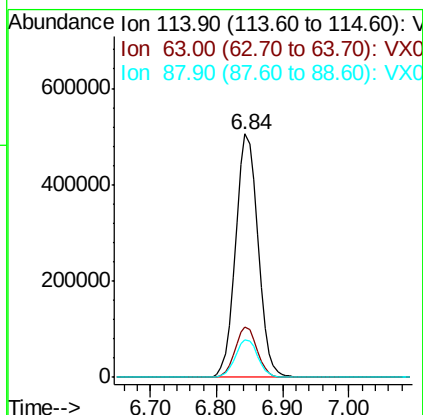
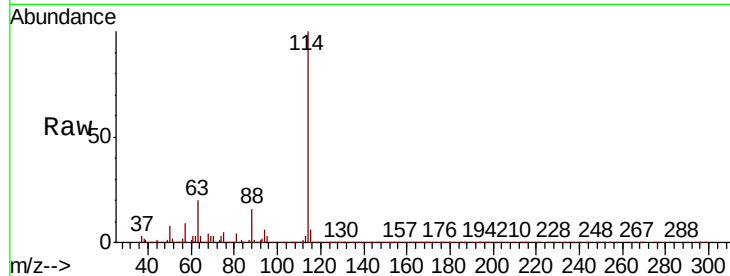
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 977
Delta R.T. -0.01 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
114	100	1189953		
63	20.4		0.0	40.8
88	15.5		0.0	30.4

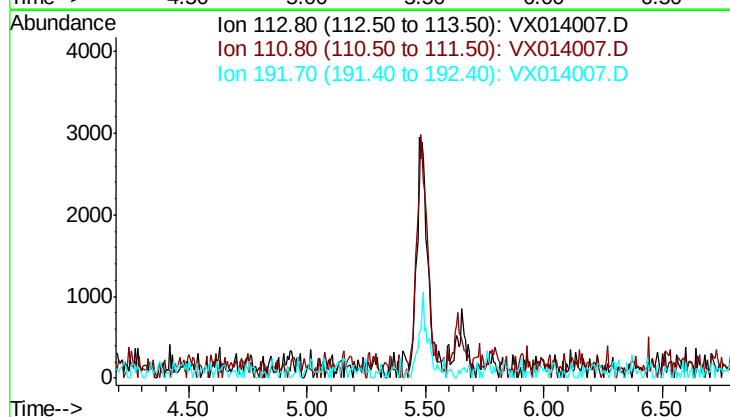
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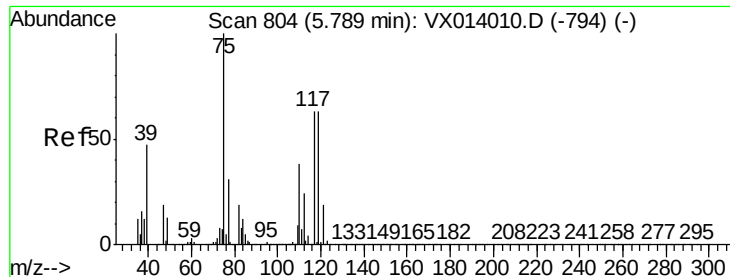
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#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.49 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Tgt Ion	Exp Ratio
113	100
111	102.5
192	24.1





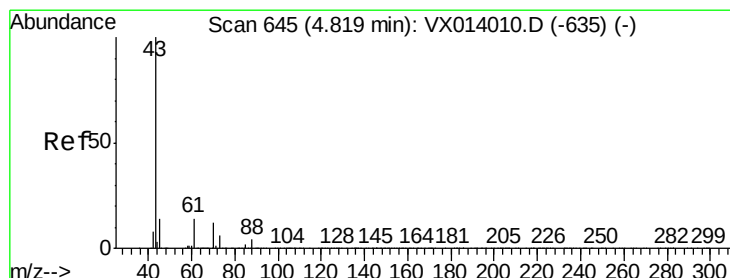
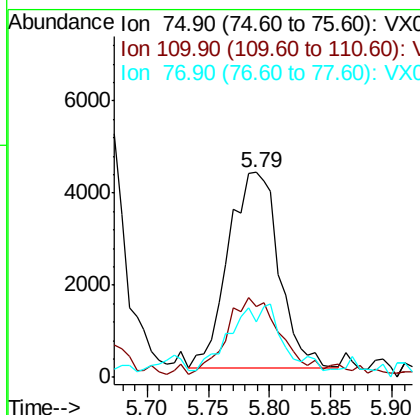
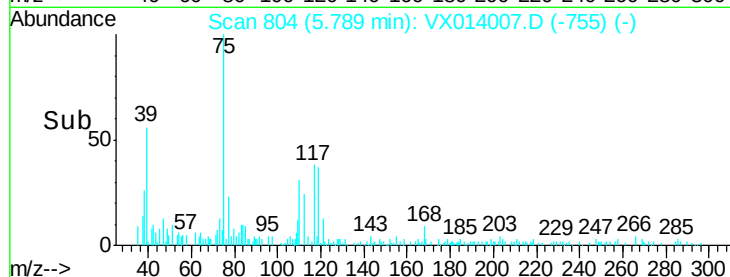
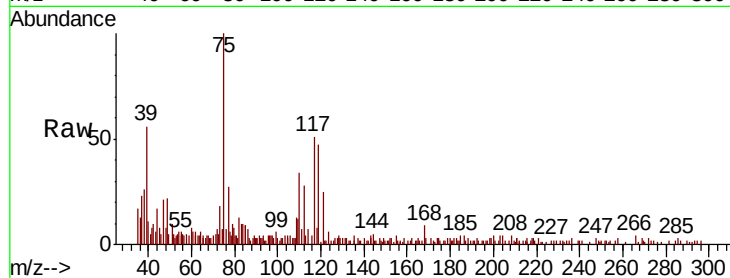
#36
 1,1-Dichloropropene
 Concen: 1.141 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014007.D
 Acq: 13 Dec 2019 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	42.4	18.3	54.9
77	18.4	24.8	37.2#

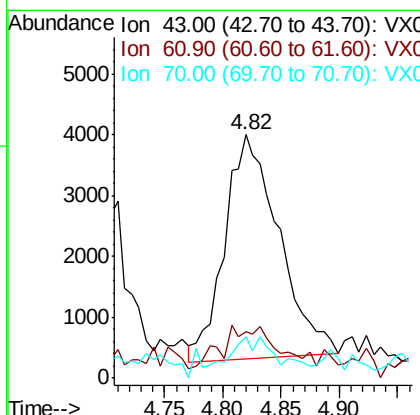
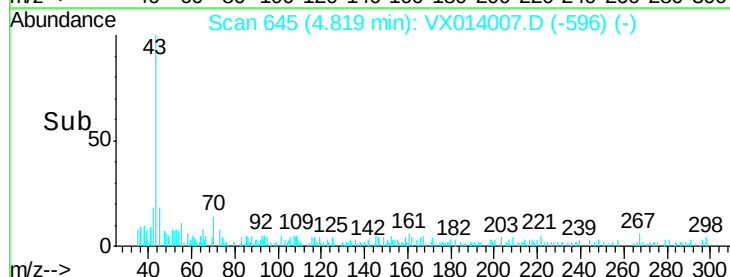
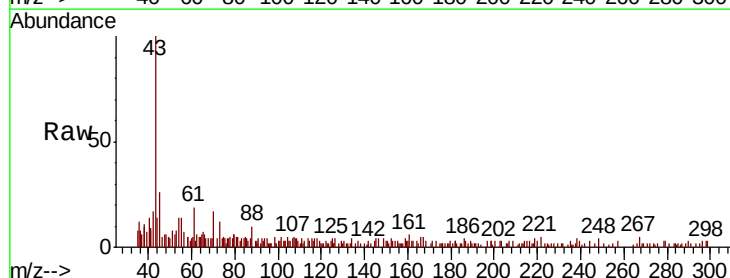
Manual Integrations
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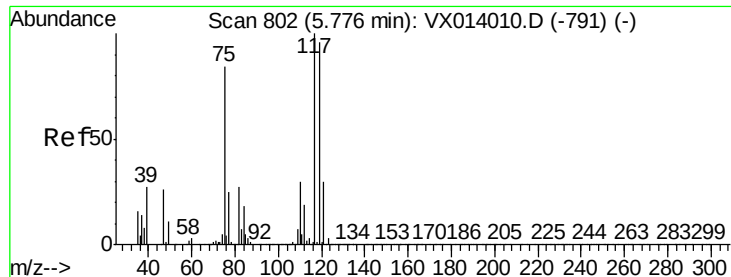
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#37
 Ethyl Acetate
 Concen: 0.986 ug/l
 RT: 4.82 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: VX014007.D
 Acq: 13 Dec 2019 14:49

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
61	18.3	10.8	16.2#
70	4.2	8.6	12.8#





#38

Carbon Tetrachloride

Concen: 1.023 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

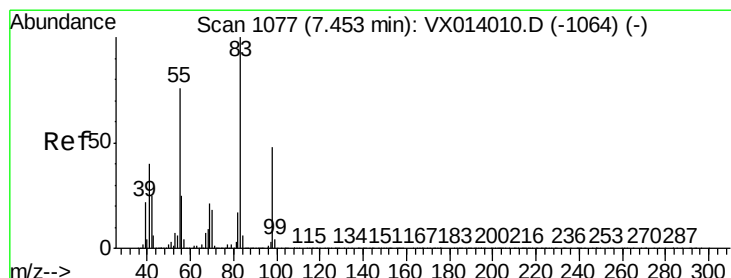
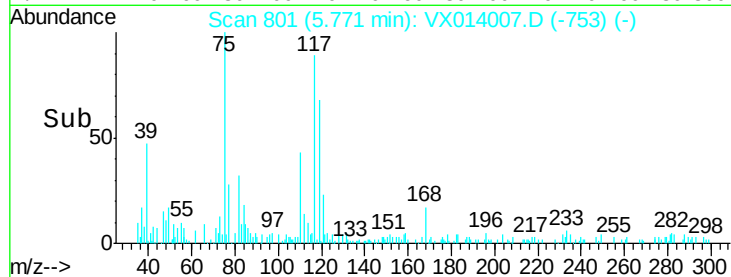
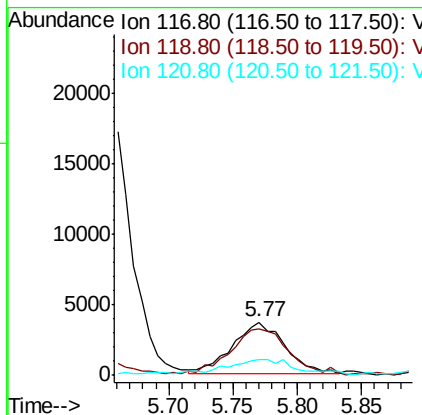
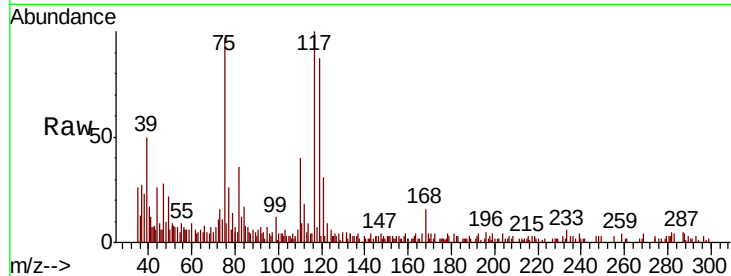
ClientSampleId :

VSTDIC001

Tot Ion:	117	Resp:	10200
Ion	Ratio	Lower	Upper
117	100		
119	84.3	76.2	114.4
121	24.7	23.6	35.4

Manual Integrations
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#39

Methylcyclohexane

Concen: 1.116 ug/l

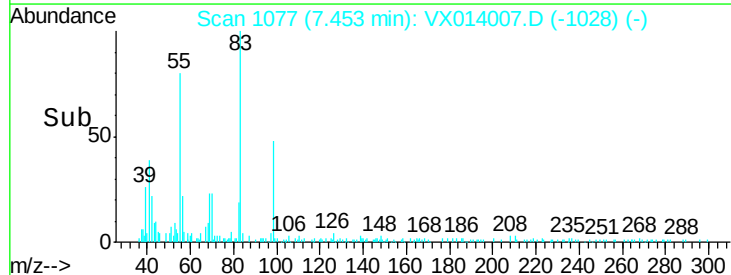
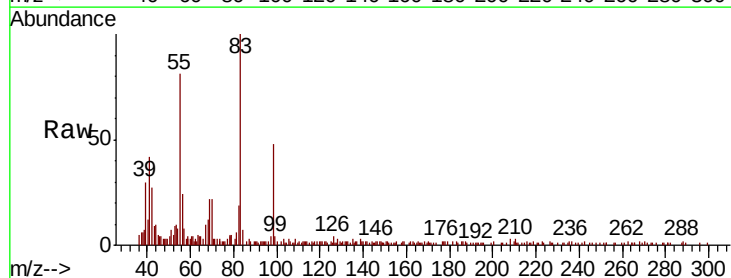
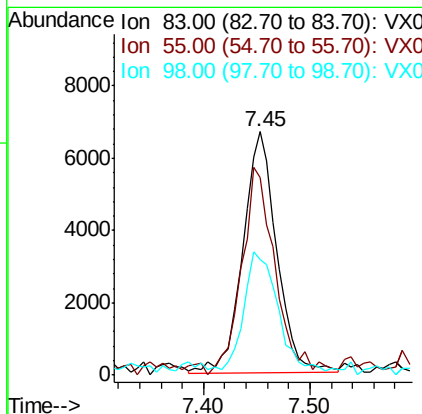
RT: 7.45 min Scan# 1077

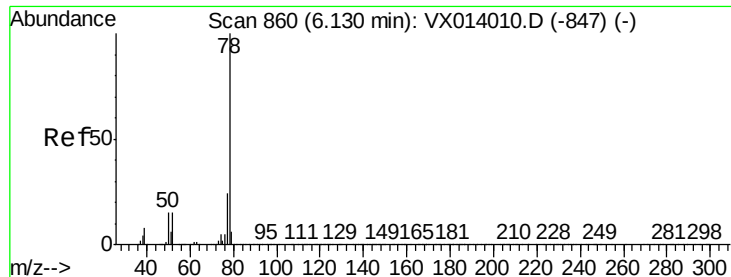
Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tgt Ion:	83	Resp:	14939
Ion	Ratio	Lower	Upper
83	100		
55	78.8	61.0	91.6
98	46.2	38.6	57.8





#40

Benzene

Concen: 1.145 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 37774

Ion Ratio Lower Upper

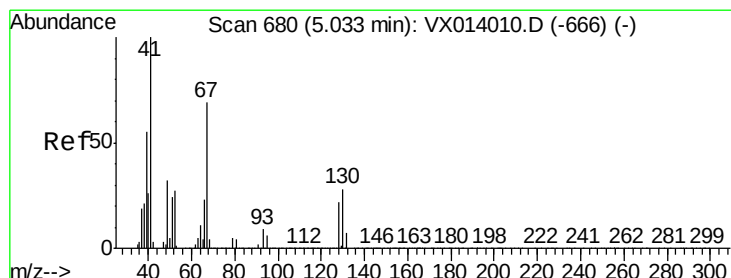
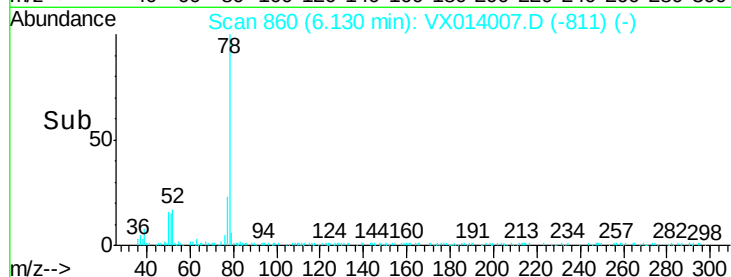
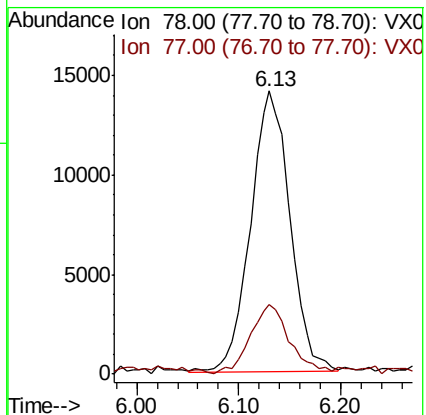
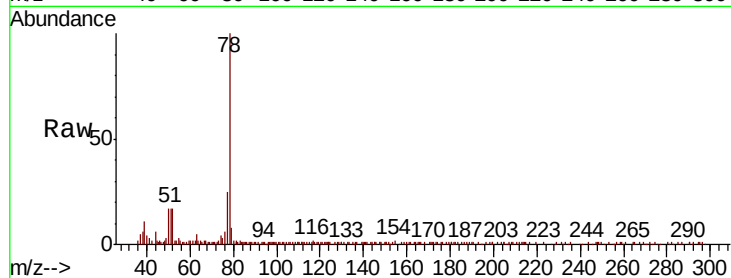
78 100

77 23.6 18.8 28.2

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#41

Methacrylonitrile

Concen: 1.070 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tgt Ion: 41 Resp: 7044

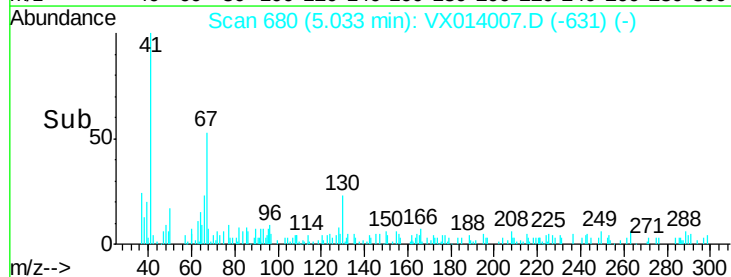
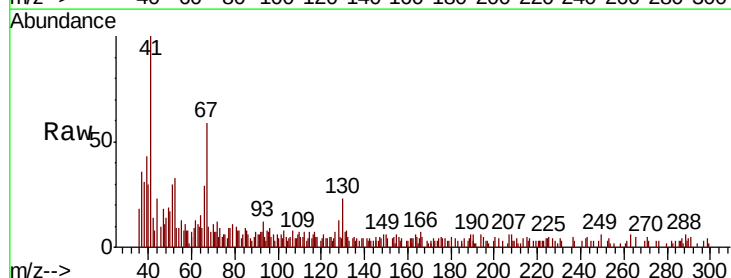
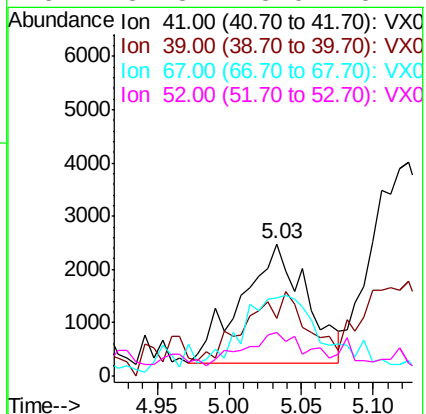
Ion Ratio Lower Upper

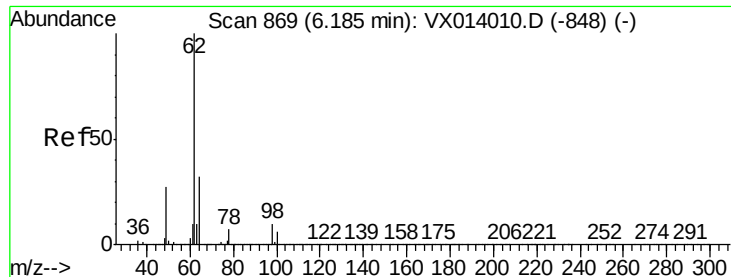
41 100

39 70.5 44.5 66.7#

67 92.9 57.4 86.0#

52 31.8 23.0 34.4





#42

1,2-Dichloroethane

Concen: 1.040 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 11688

Ion Ratio Lower Upper

62 100

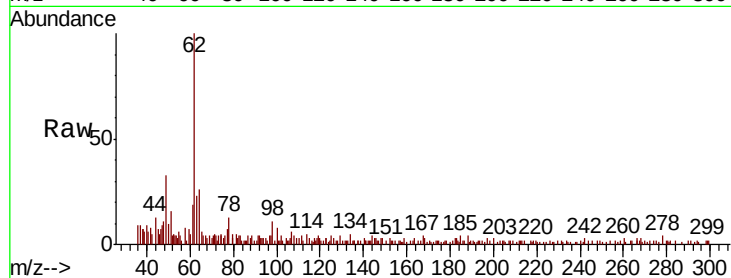
98 15.0 0.0 21.0

Manual Integrations

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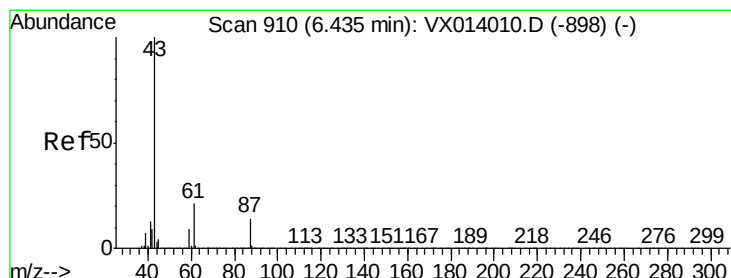
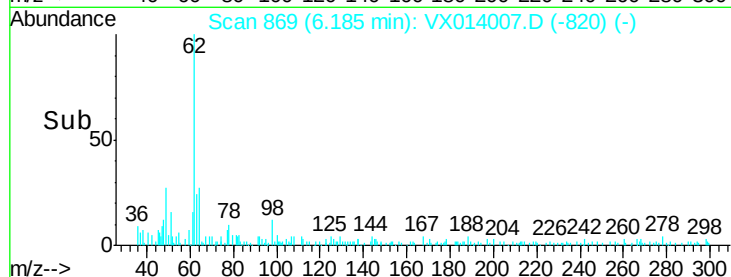
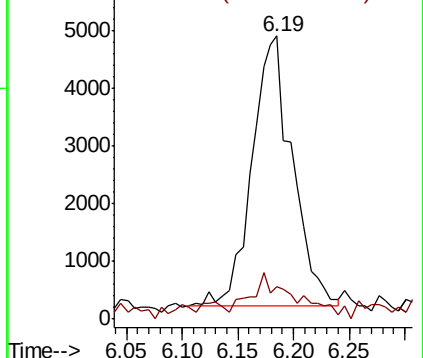
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Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 1.015 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

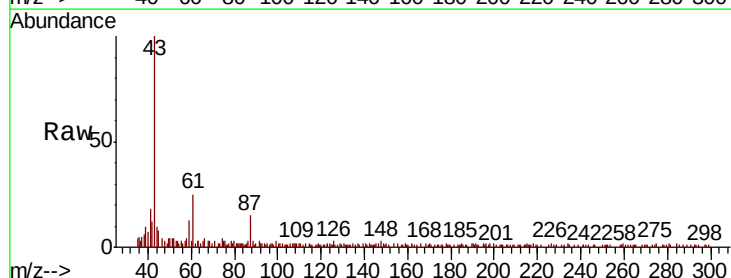
Tgt Ion: 43 Resp: 20213

Ion Ratio Lower Upper

43 100

61 19.4 16.4 24.6

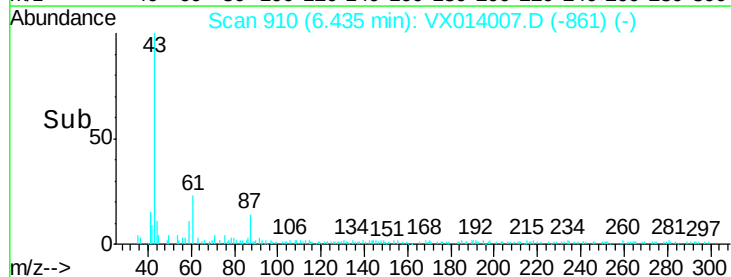
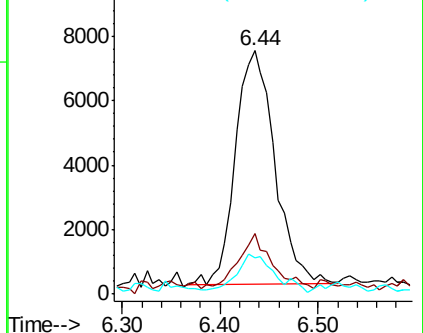
87 13.7 10.7 16.1

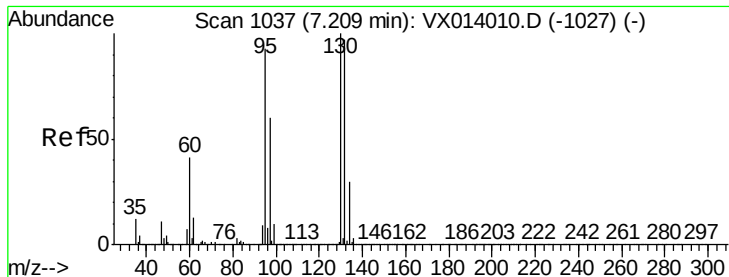


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 1.259 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 11355

Ion Ratio Lower Upper

130 100

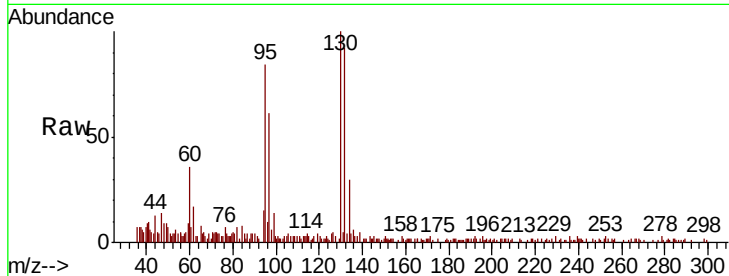
95 81.1 0.0 185.6

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

6000

5000

4000

3000

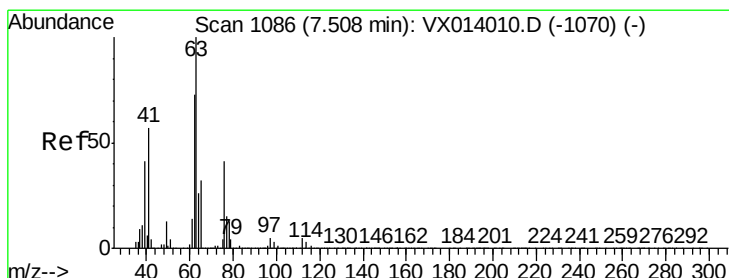
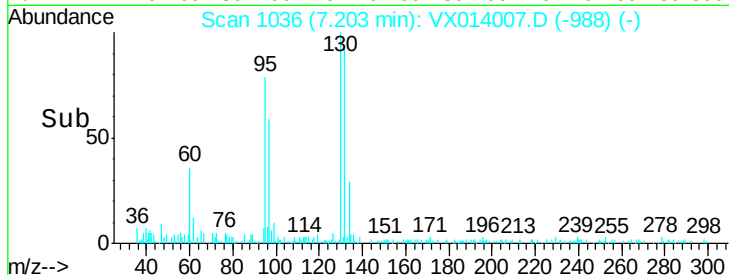
2000

1000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#45

1,2-Dichloropropane

Concen: 1.125 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014007.D

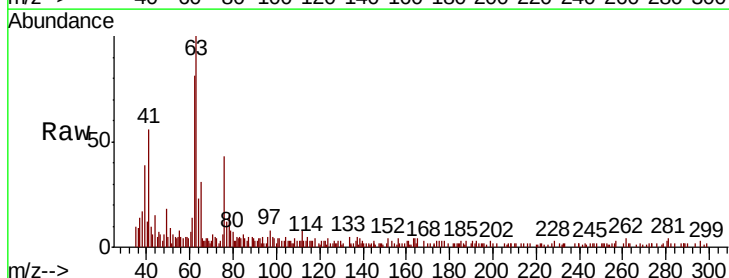
Acq: 13 Dec 2019 14:49

Tgt Ion: 63 Resp: 9301

Ion Ratio Lower Upper

63 100

65 28.7 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

5000

4000

3000

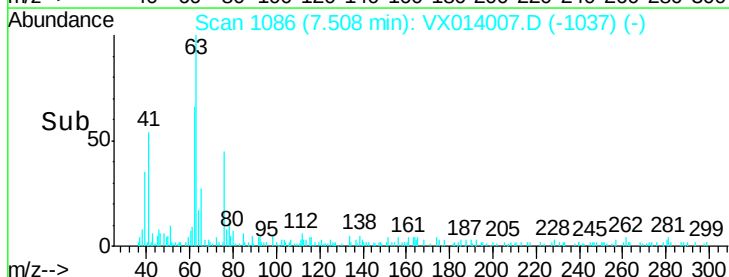
2000

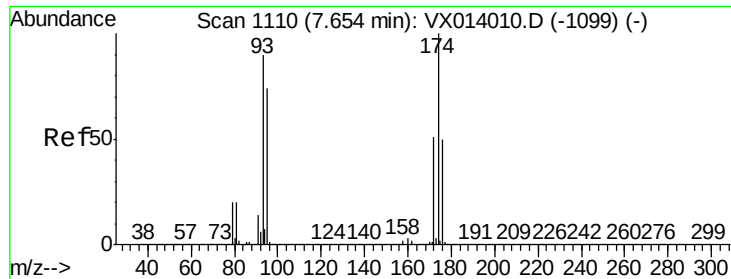
1000

0

7.45 7.50 7.55

Time-->





#46

Dibromomethane

Concen: 1.263 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

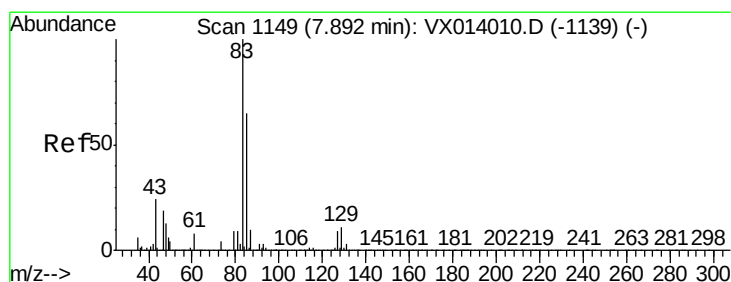
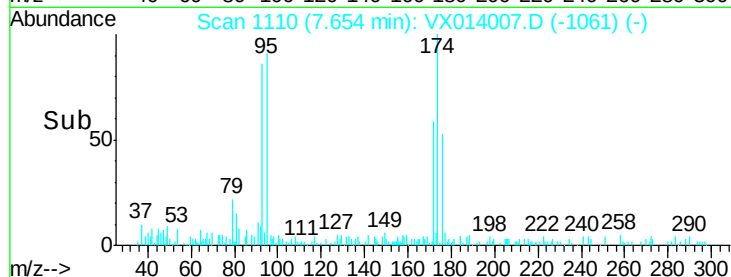
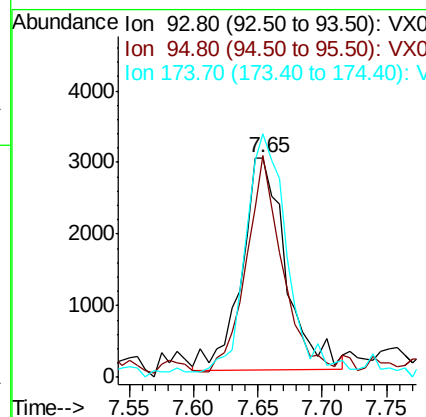
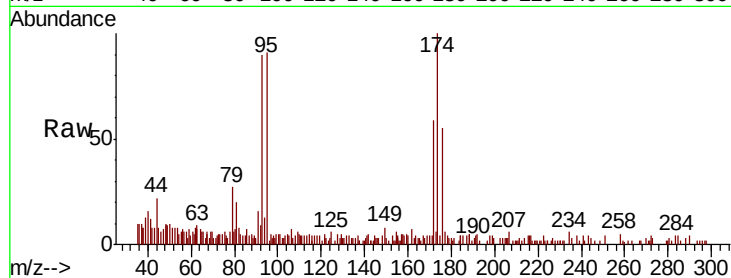
ClientSampleId :

VSTDIC001

Tot Ion:	93	Resp:	7070
Ion	Ratio	Lower	Upper
93	100		
95	82.7	67.3	100.9
174	106.1	91.6	137.4

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#47

Bromodichloromethane

Concen: 1.079 ug/l

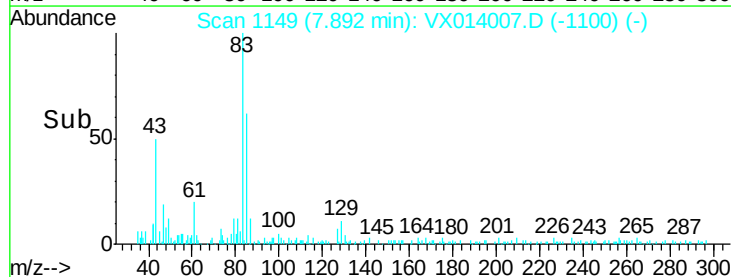
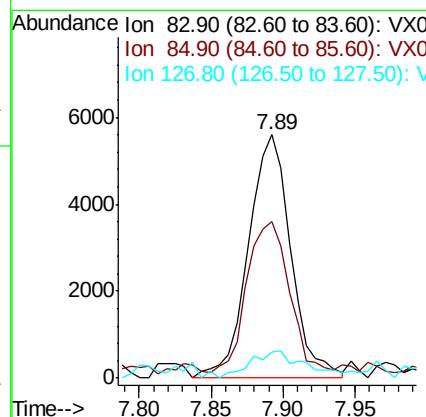
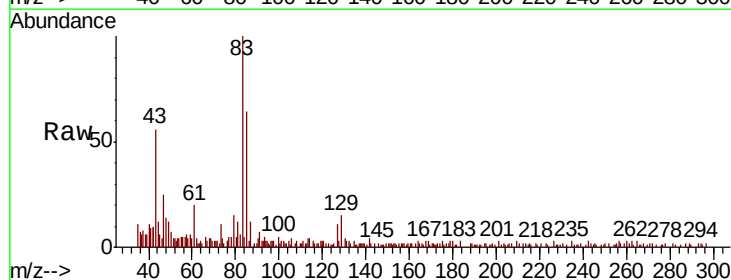
RT: 7.89 min Scan# 1149

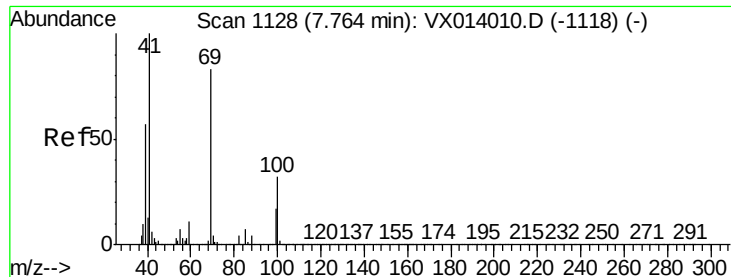
Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tgt Ion:	83	Resp:	11412
Ion	Ratio	Lower	Upper
83	100		
85	59.0	51.8	77.8
127	8.4	7.0	10.4





#48

Methvl methacrylate

Concen: 1.028 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014007.D

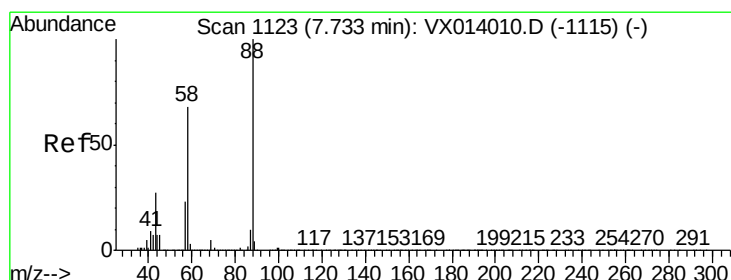
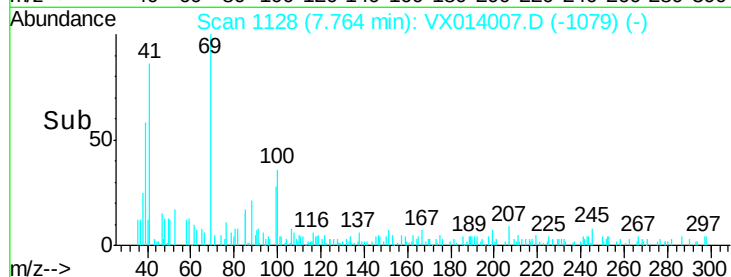
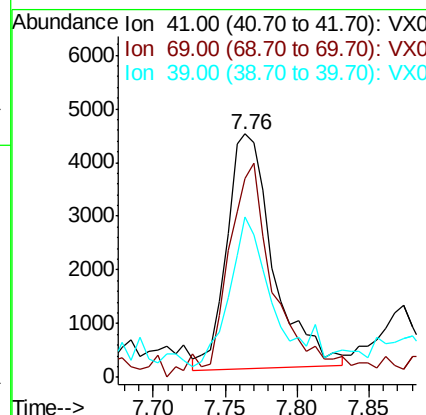
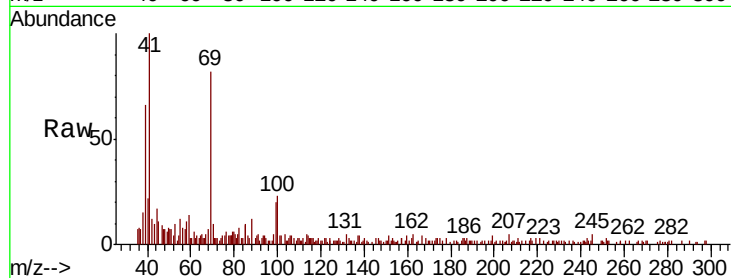
Acq: 13 Dec 2019 14:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	93.5	65.8	98.6
39	59.2	44.6	67.0

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#49

1,4-Dioxane

Concen: 19.503 ug/l

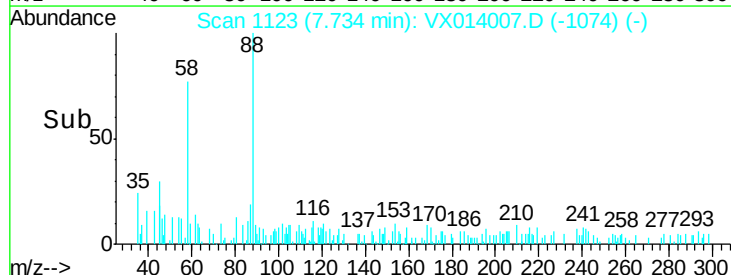
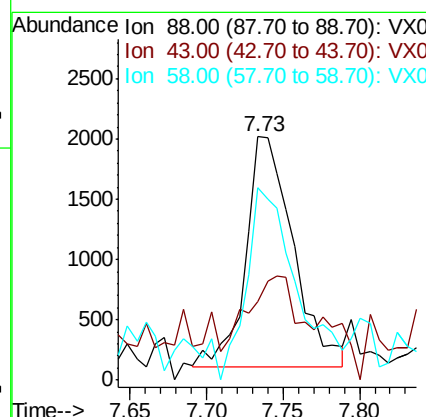
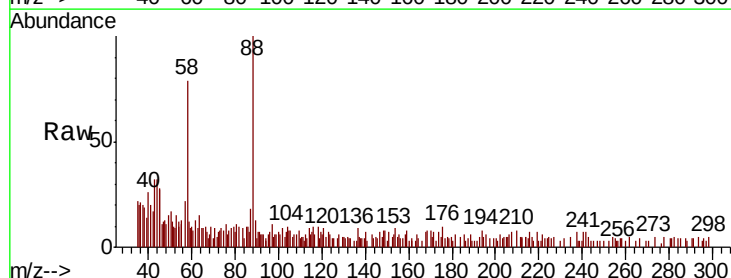
RT: 7.73 min Scan# 1123

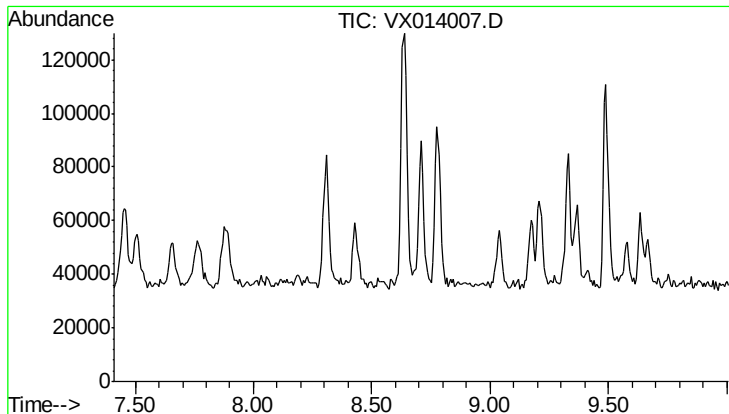
Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.6	26.5	39.7
58	88.6	56.8	85.2#





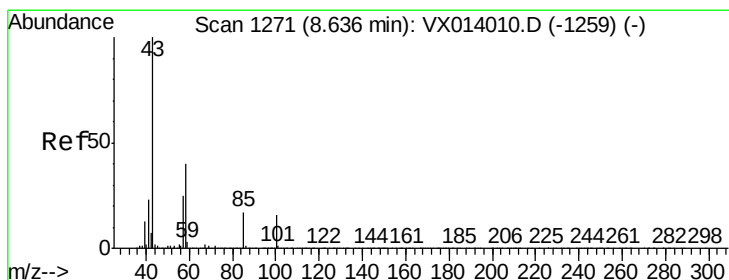
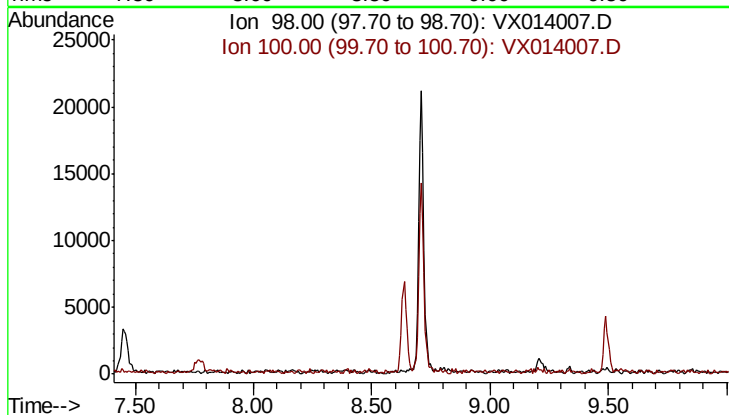
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Tot Ion: 98
Sig Exp Ratio
98 100
100 66.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

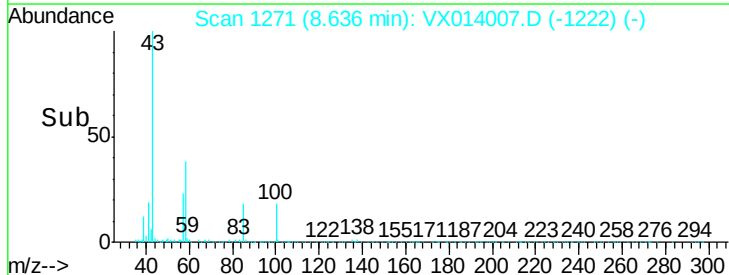
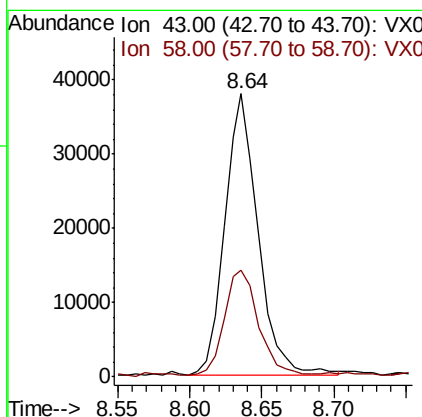
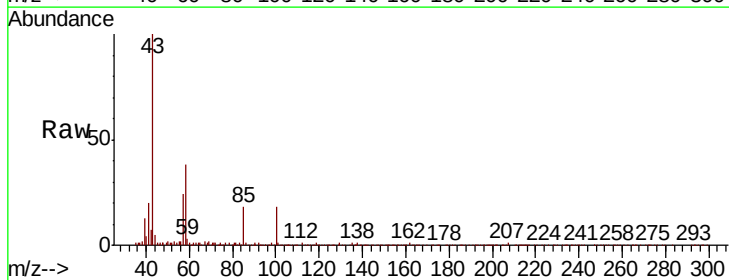
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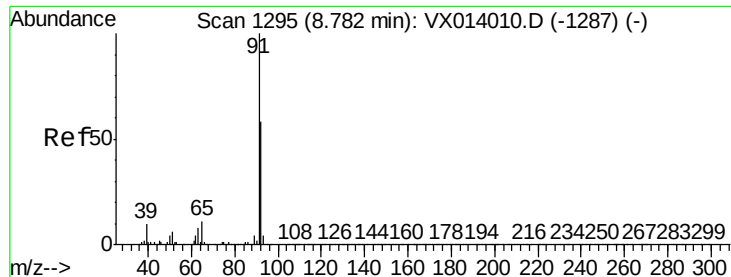
apatel
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#51
4-Methyl-2-Pentanone
Concen: 4.856 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Tgt Ion: 43 Resp: 60739
Ion Ratio Lower Upper
43 100
58 39.1 32.2 48.2





#52

Toluene

Concen: 1.172 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 24050

Ion Ratio Lower Upper

92 100

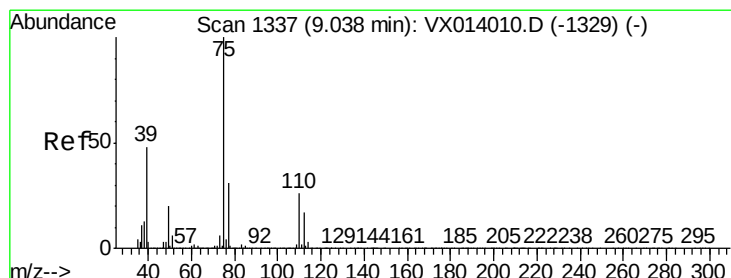
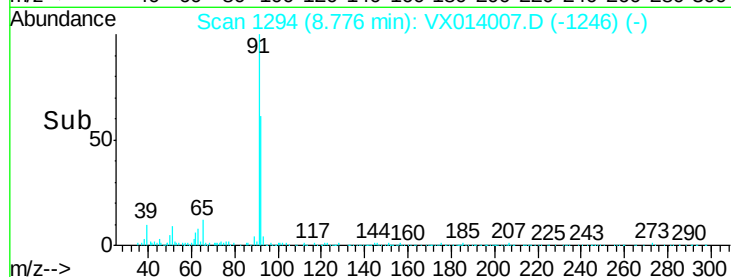
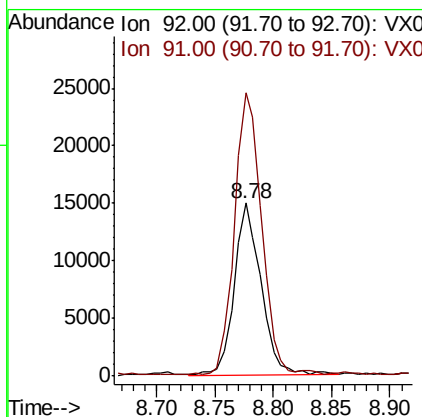
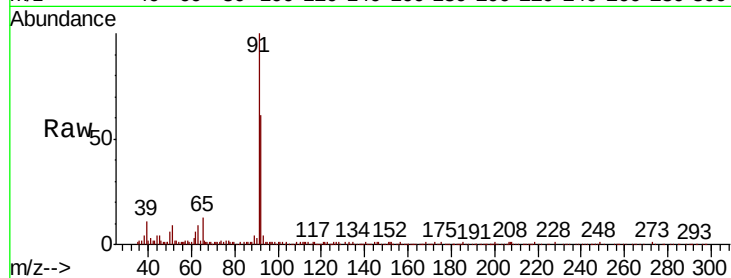
91 164.0 136.2 204.4

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#53

t-1,3-Dichloropropene

Concen: 0.922 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014007.D

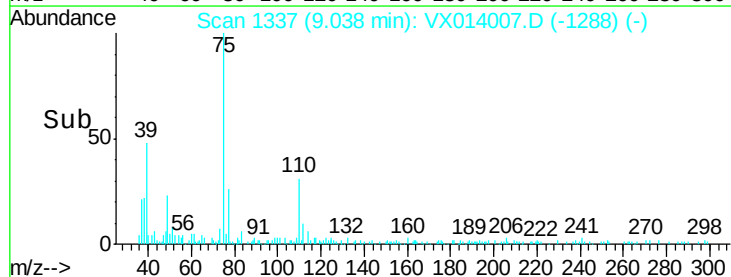
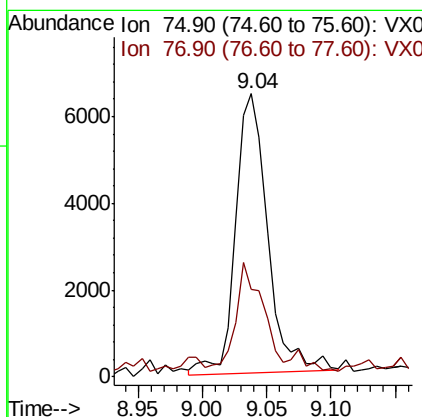
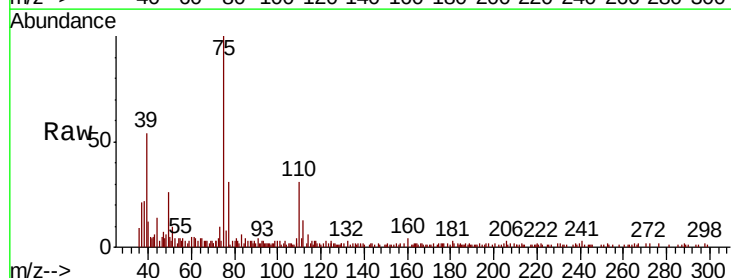
Acq: 13 Dec 2019 14:49

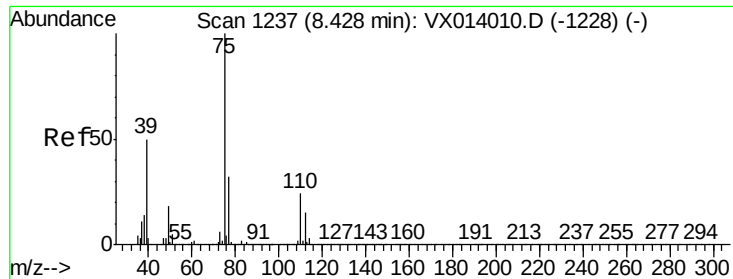
Tgt Ion: 75 Resp: 11090

Ion Ratio Lower Upper

75 100

77 26.2 25.1 37.7





#54

cis-1,3-Dichloropropene

Concen: 0.940 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

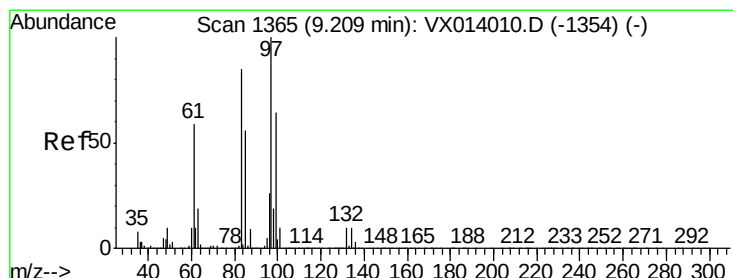
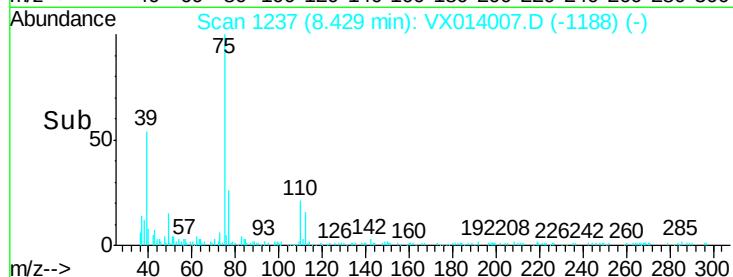
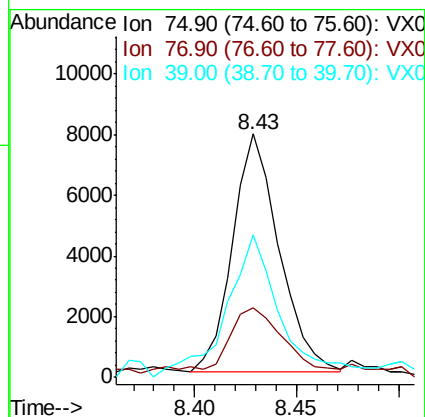
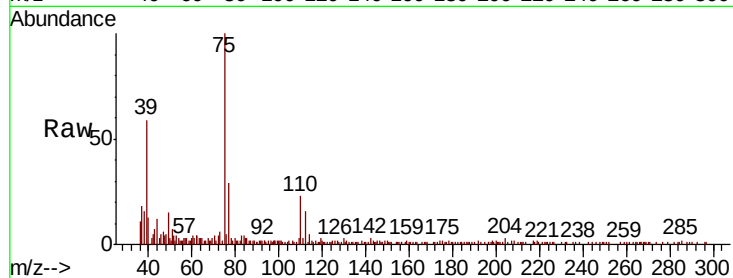
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	12372
Ion Ratio	Lower	Upper	
75	100		
77	26.1	25.3	37.9
39	54.0	39.9	59.9

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#55

1,1,2-Trichloroethane

Concen: 1.148 ug/l

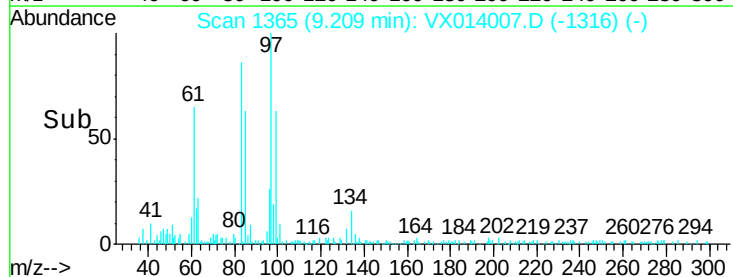
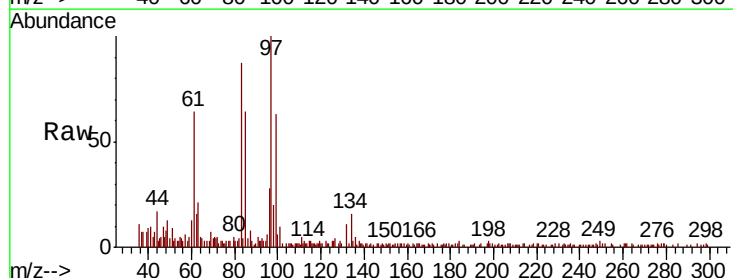
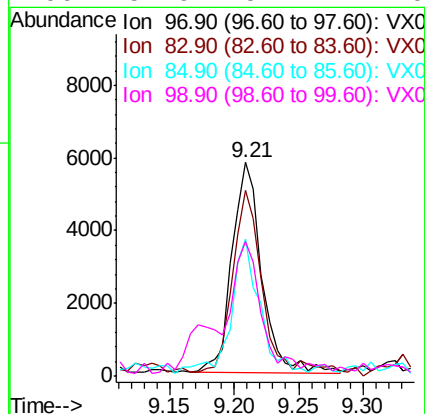
RT: 9.21 min Scan# 1365

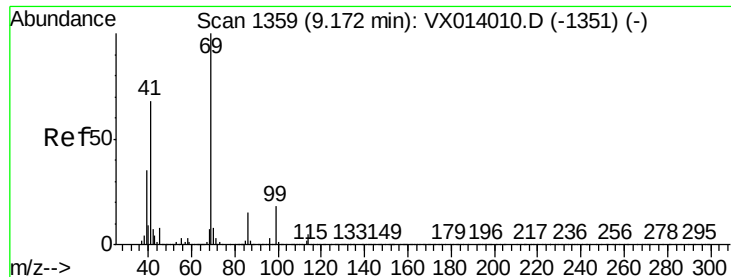
Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tgt Ion:	97	Resp:	9482
Ion Ratio	Lower	Upper	
97	100		
83	86.1	68.2	102.4
85	63.4	44.6	66.8
99	57.9	51.4	77.0





#56

Ethyl methacrylate

Concen: 0.929 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

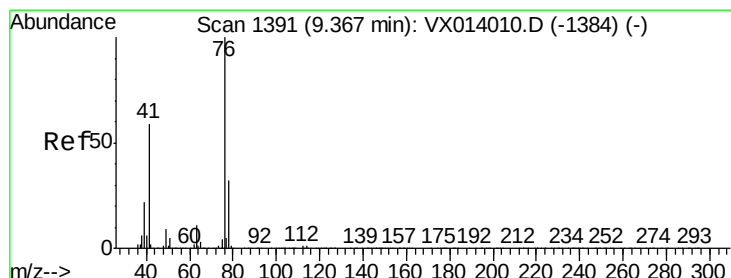
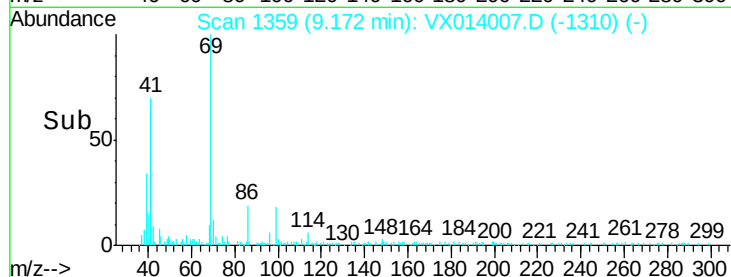
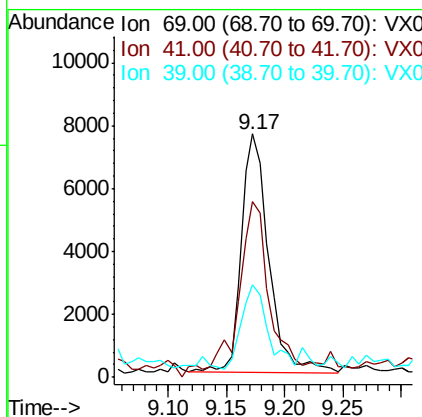
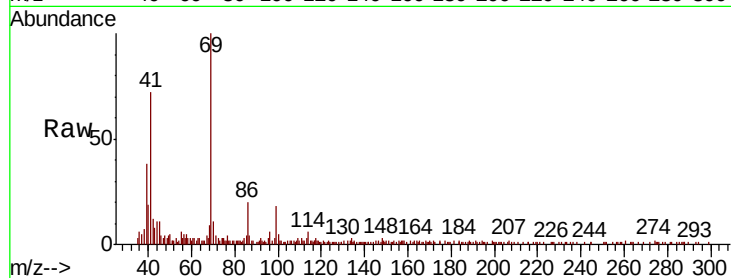
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	12354
Ion Ratio	Lower	Upper	
69	100		
41	88.9	54.8	82.2#
39	34.5	28.3	42.5

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#57

1,3-Dichloropropane

Concen: 1.077 ug/l

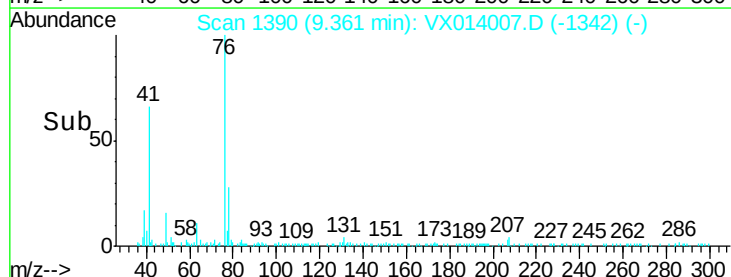
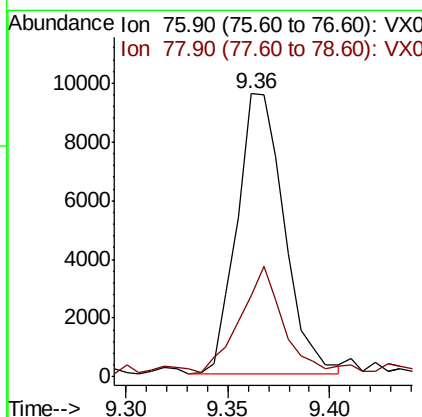
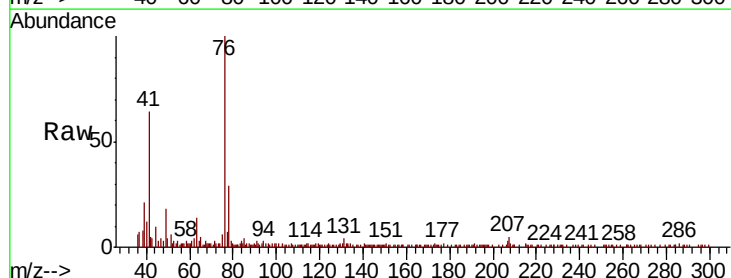
RT: 9.36 min Scan# 1390

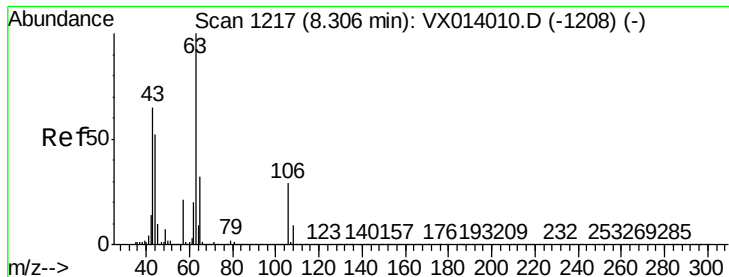
Delta R.T. -0.01 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tgt Ion:	76	Resp:	15349
Ion Ratio	Lower	Upper	
76	100		
78	35.2	25.8	38.6





#58

2-Chloroethyl Vinyl ether

Concen: 4.098 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 21365

Ion Ratio Lower Upper

63 100

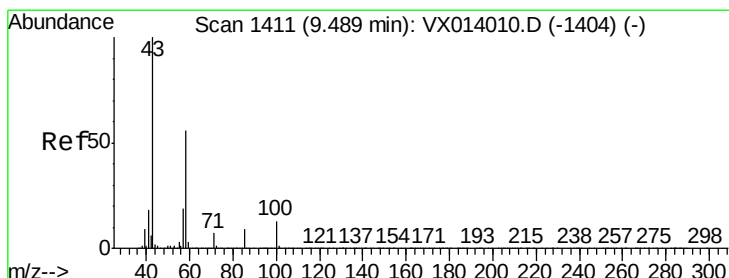
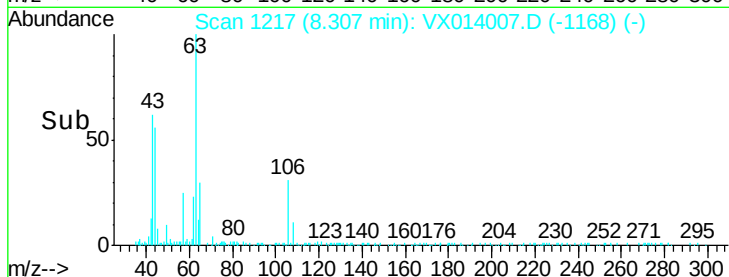
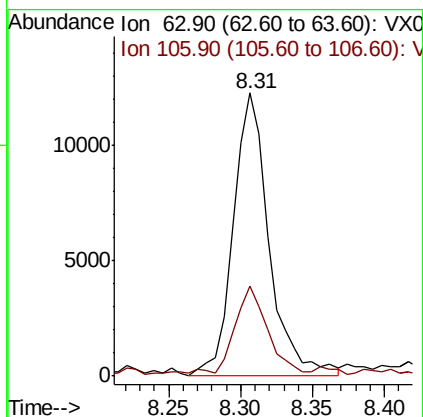
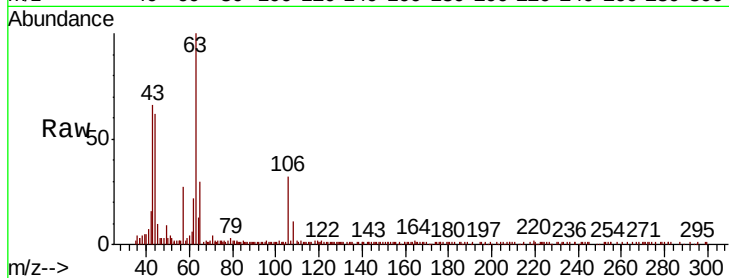
106 28.1 23.0 34.6

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#59

2-Hexanone

Concen: 4.655 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX014007.D

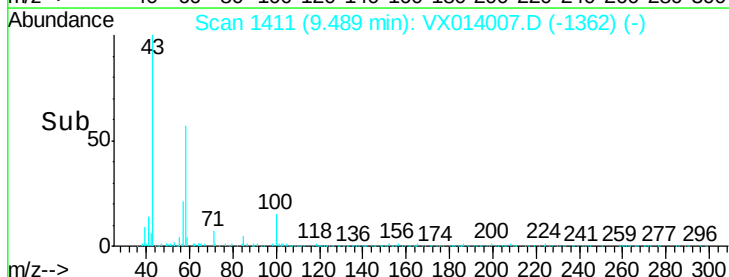
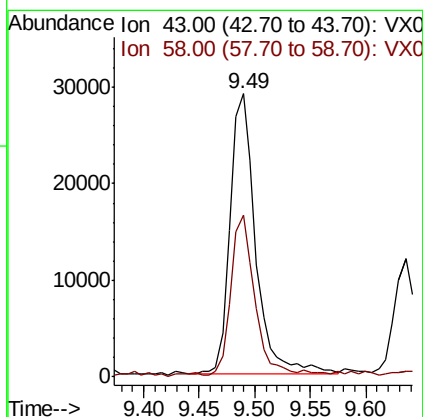
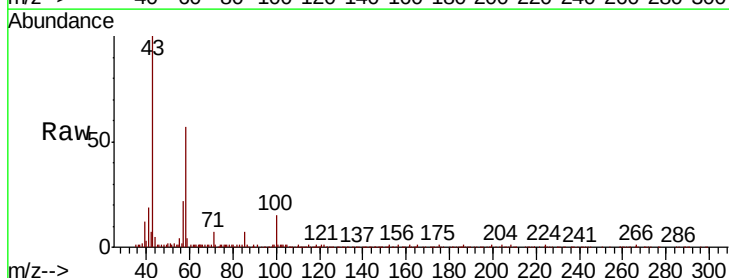
Acq: 13 Dec 2019 14:49

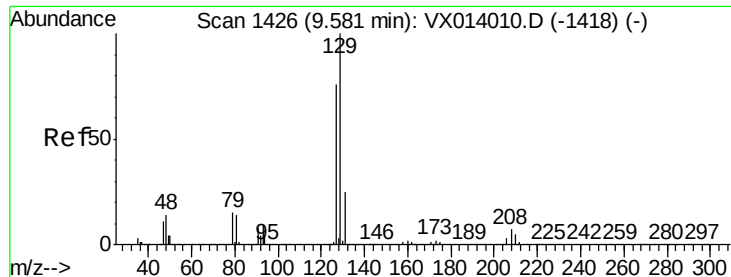
Tgt Ion: 43 Resp: 45812

Ion Ratio Lower Upper

43 100

58 52.8 28.0 84.0





#60

Dibromochloromethane

Concen: 0.921 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tot Ion:129 Resp: 7865

Ion Ratio Lower Upper

129 100

127 80.8 38.4 115.2

Instrument :

MSVOA_X

ClientSampleId :

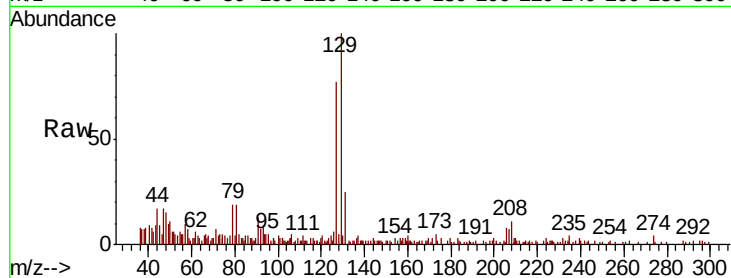
VSTDIC001

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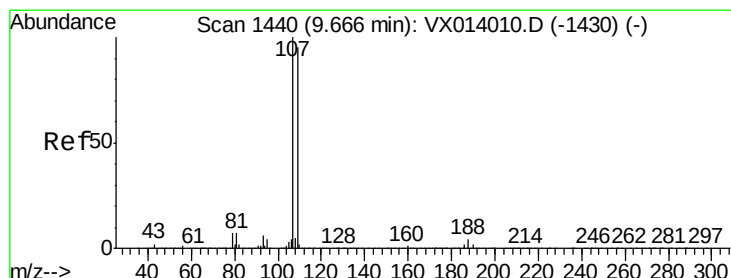
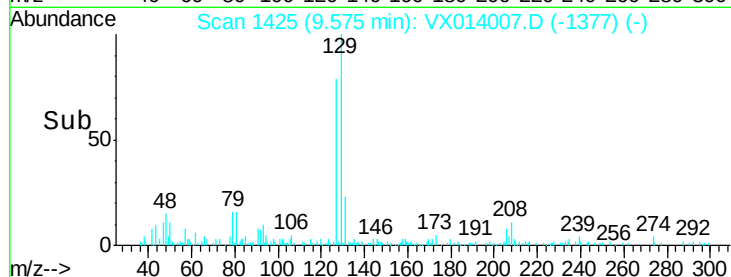
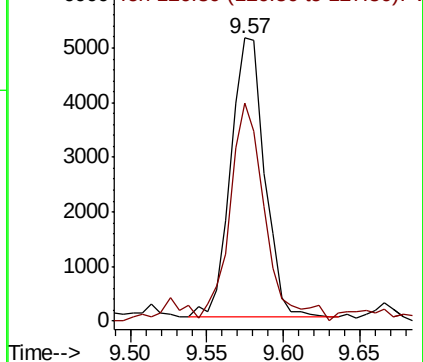
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.048 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014007.D

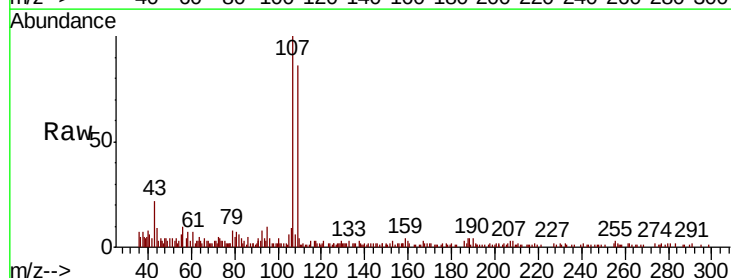
Acq: 13 Dec 2019 14:49

Tgt Ion:107 Resp: 9234

Ion Ratio Lower Upper

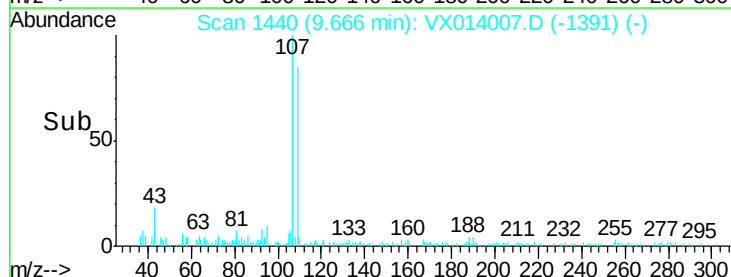
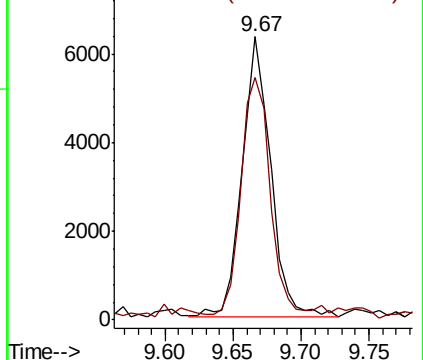
107 100

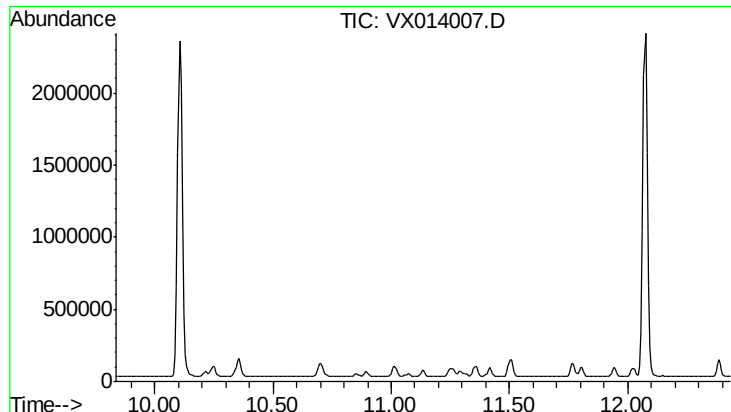
109 85.5 75.7 113.5



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: 11.14 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tot Ion	95	Exp Ratio
95	100	
174	87.9	
176	86.5	

Instrument :

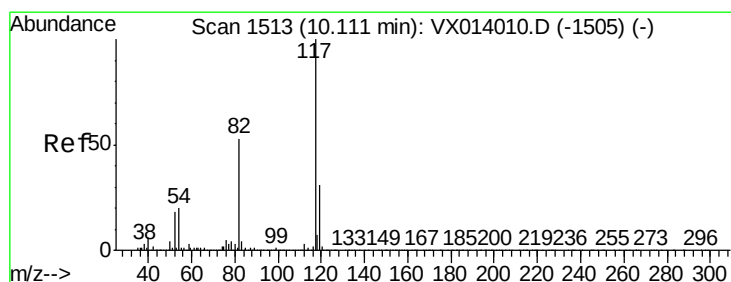
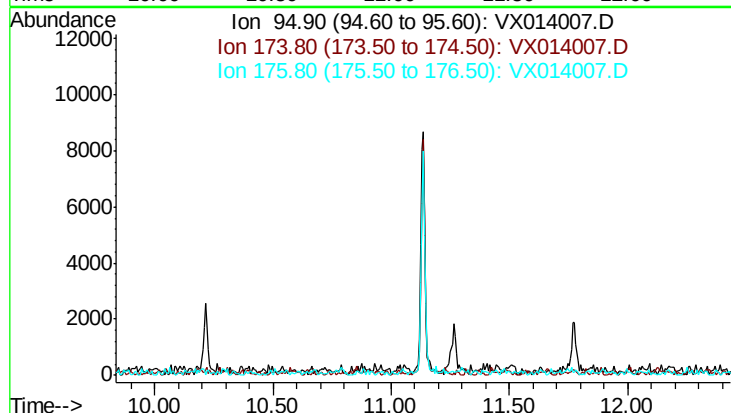
MSVOA_X

ClientSampleId :

VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

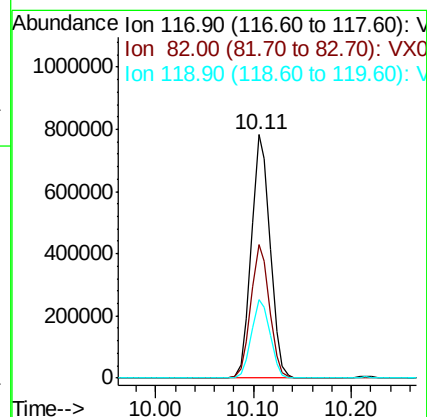
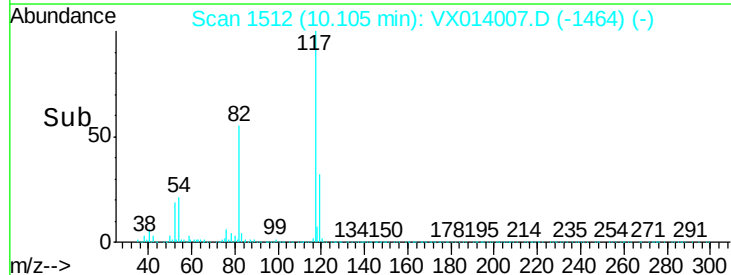
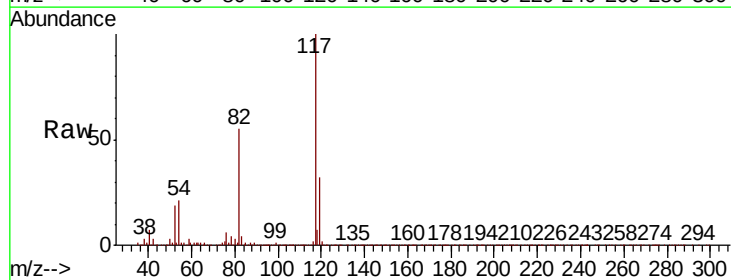
RT: 10.11 min Scan# 1512

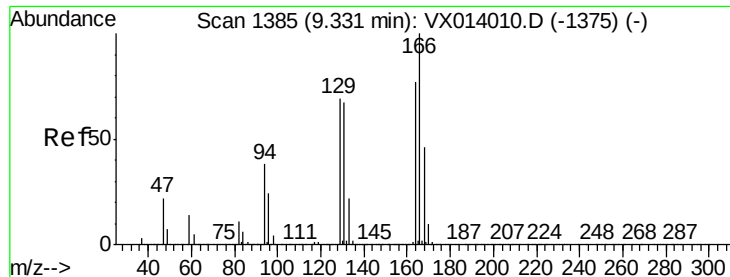
Delta R.T. -0.01 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tgt Ion	117	Resp	1042212
Ion Ratio	100		
82	55.1	42.2	63.4
119	32.4	25.1	37.7





#64

Tetrachloroethene

Concen: 1.268 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

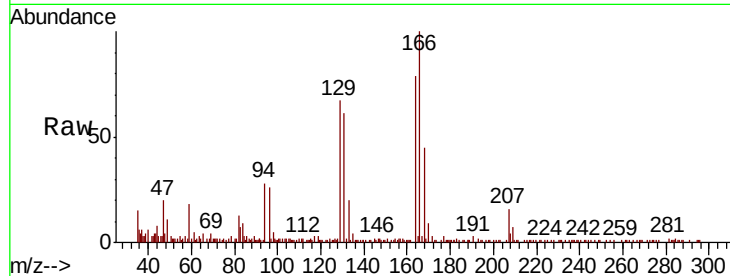
ClientSampleId :

VSTDIC001

Tot Ion:	164	Resp:	10196
Ion	Ratio	Lower	Upper
164	100		
166	125.6	104.0	156.0
129	86.0	72.2	108.4
131	76.5	69.6	104.4

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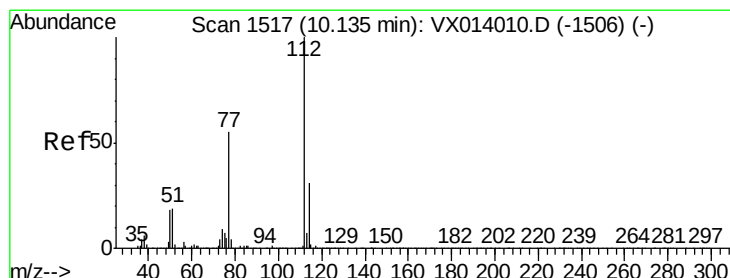
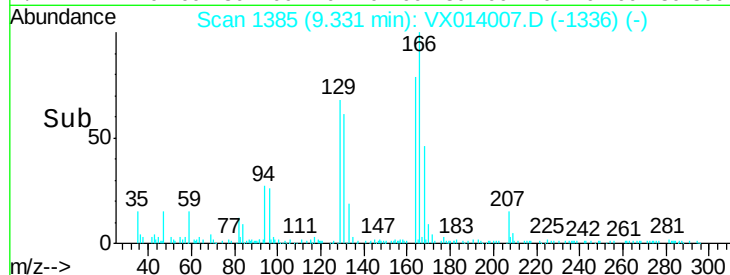
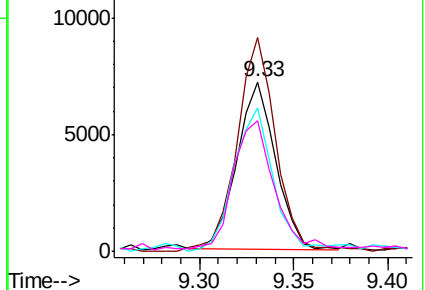


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.163 ug/l

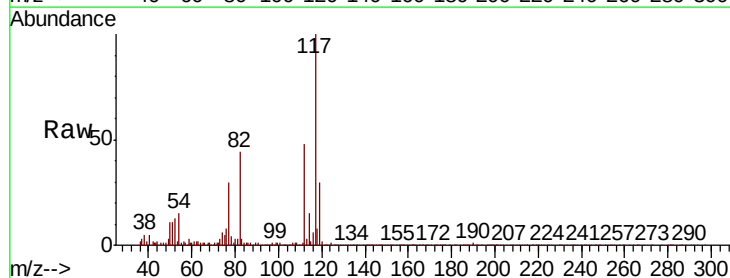
RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014007.D

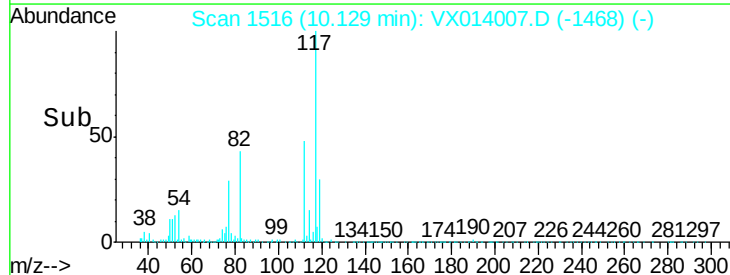
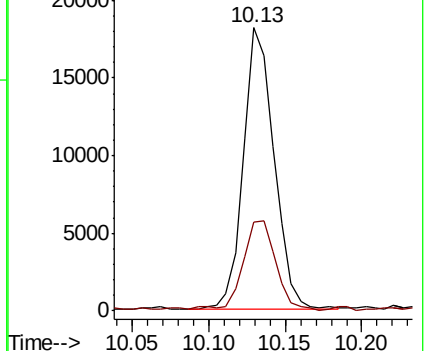
Acq: 13 Dec 2019 14:49

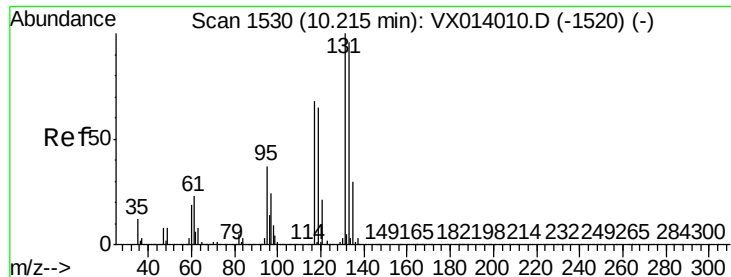
Tgt Ion:	112	Resp:	25303
Ion	Ratio	Lower	Upper
112	100		
114	31.0	24.9	37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 1.081 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

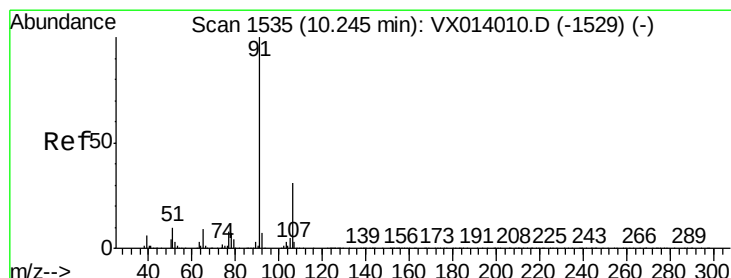
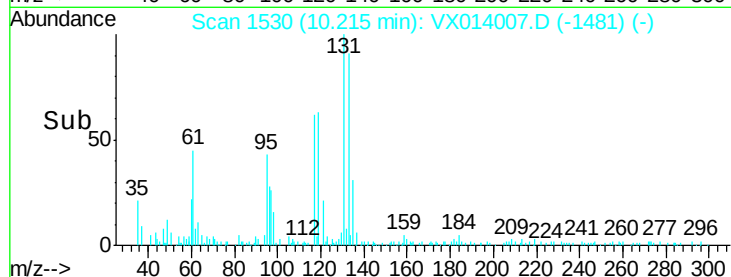
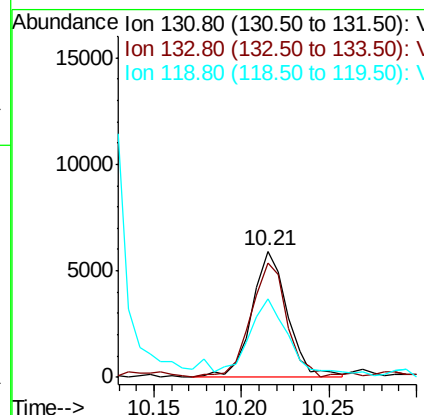
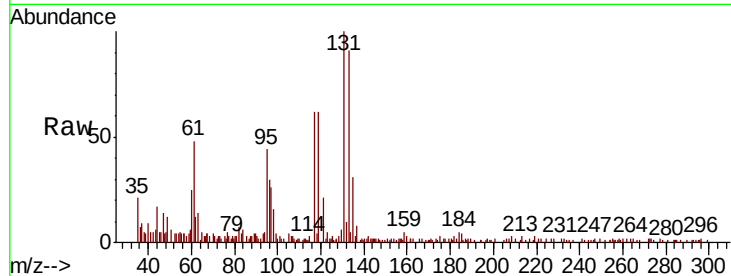
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	91.9	48.0	144.0
119	0.0	33.4	100.2#

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#67

Ethyl Benzene

Concen: 1.108 ug/l

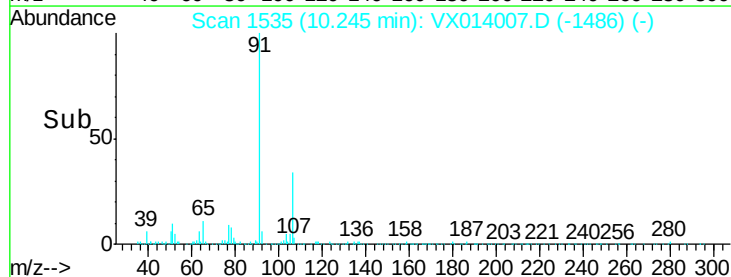
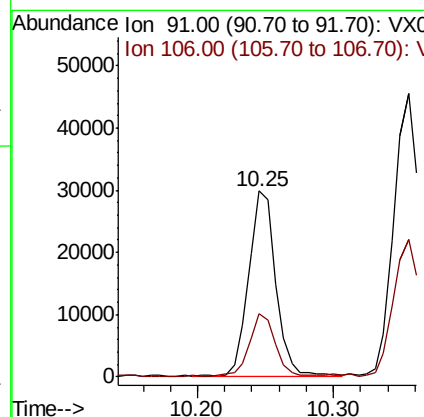
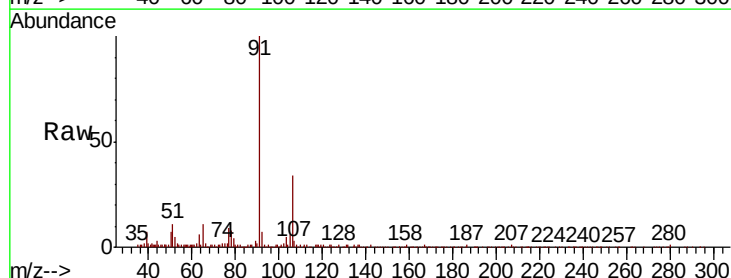
RT: 10.25 min Scan# 1535

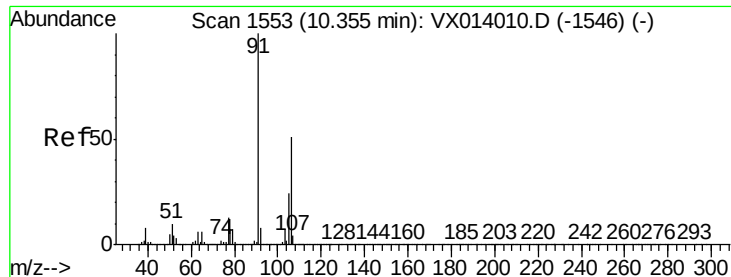
Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.5	25.0	37.6





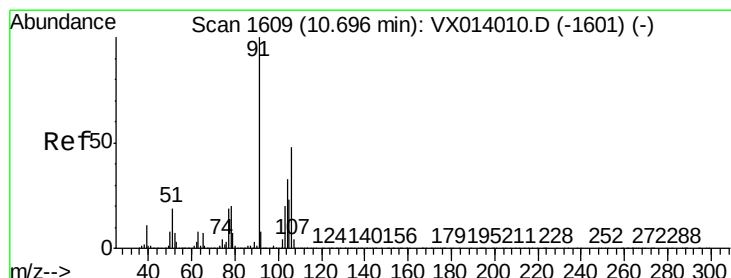
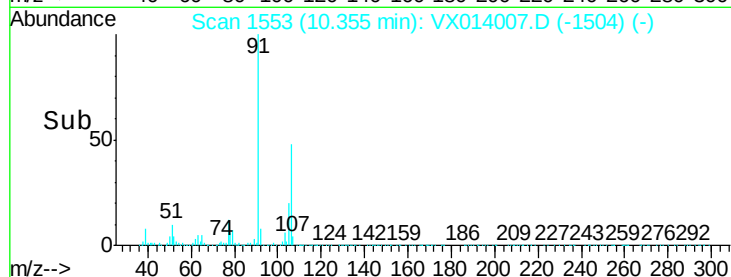
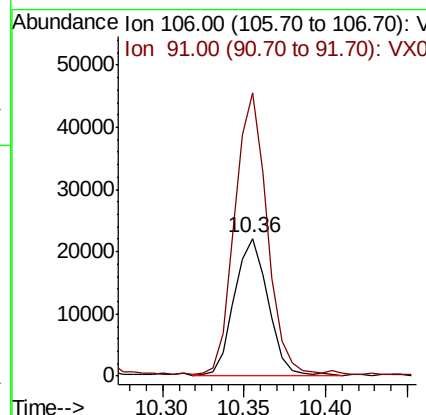
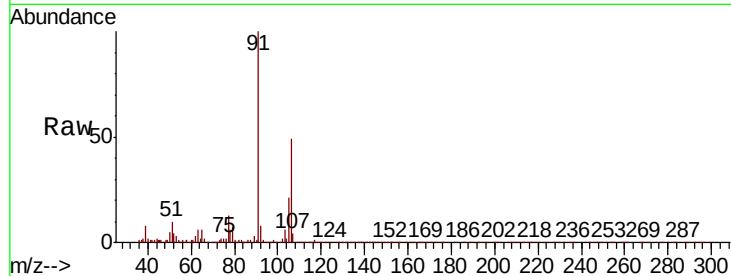
#68
m/p-Xylenes
Concen: 2.223 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tot Ion:106 Resp: 31836
Ion Ratio Lower Upper
106 100
91 194.0 158.6 238.0

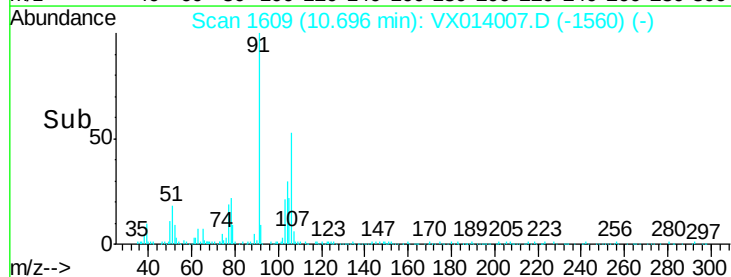
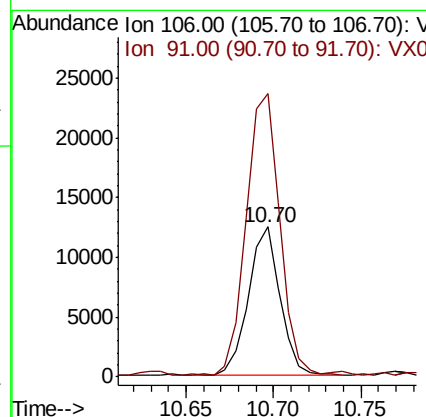
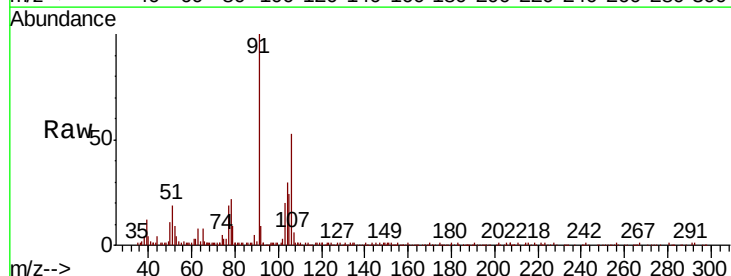
Manual Integrations
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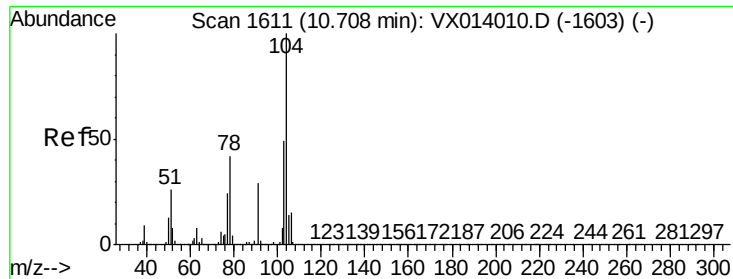
apatel
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#69
o-Xylene
Concen: 1.108 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Tgt Ion:106 Resp: 15471
Ion Ratio Lower Upper
106 100
91 203.5 104.2 312.6





#70

Stvrene

Concen: 1.081 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

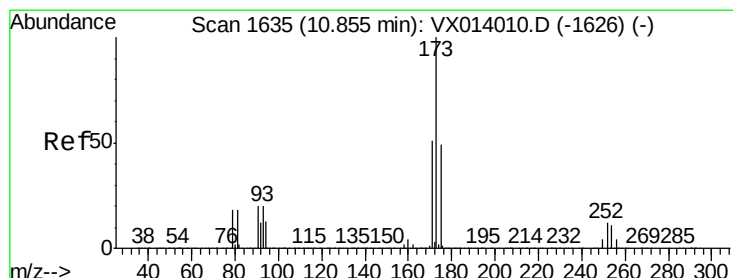
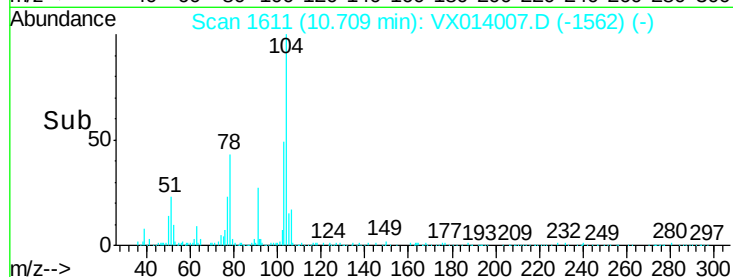
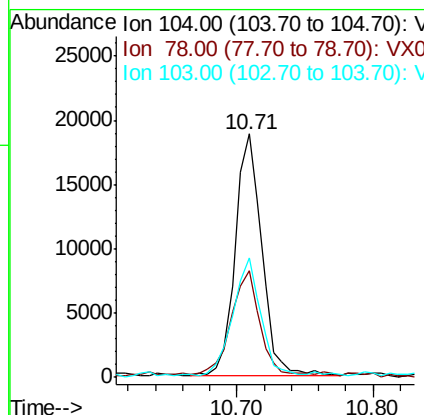
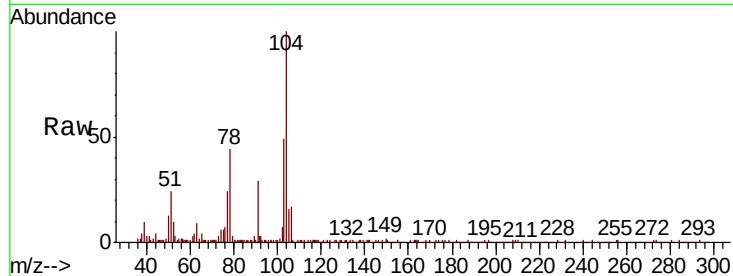
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	25473
Ion Ratio	Lower	Upper	
104	100		
78	49.6	38.5	57.7
103	51.7	42.9	64.3

Manual Integrations
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#71

Bromoform

Concen: 0.932 ug/l

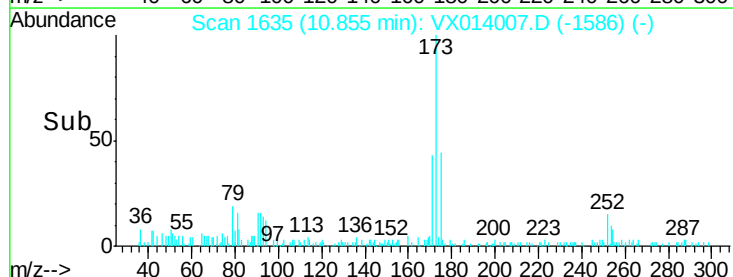
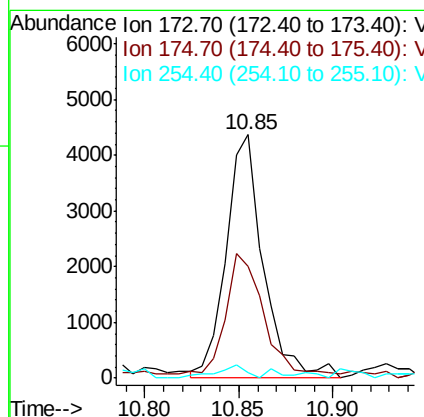
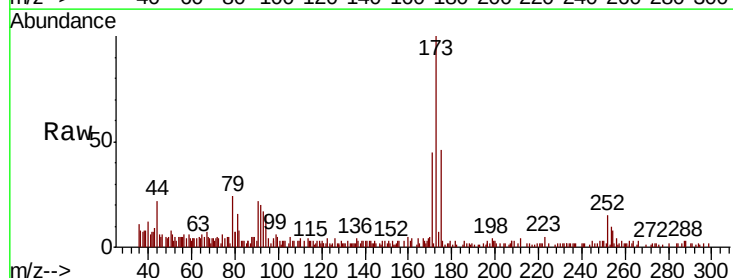
RT: 10.85 min Scan# 1635

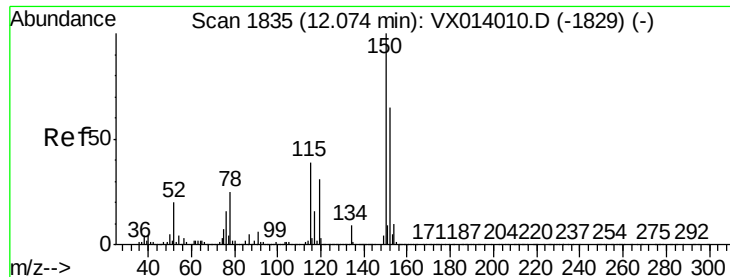
Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tgt Ion:	173	Resp:	5988
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.4	73.4
254	4.3	0.2	0.2#





#72

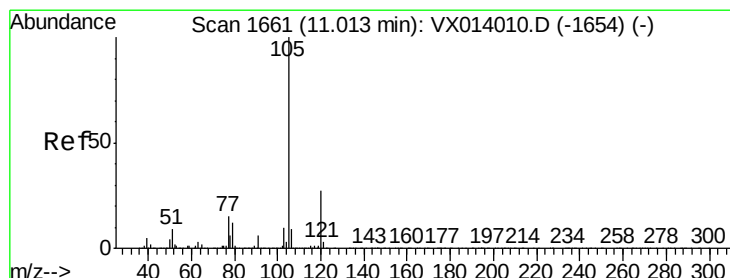
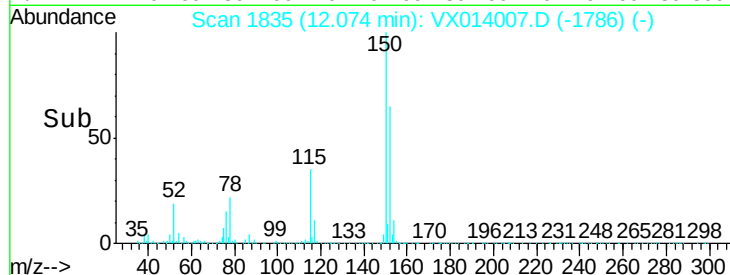
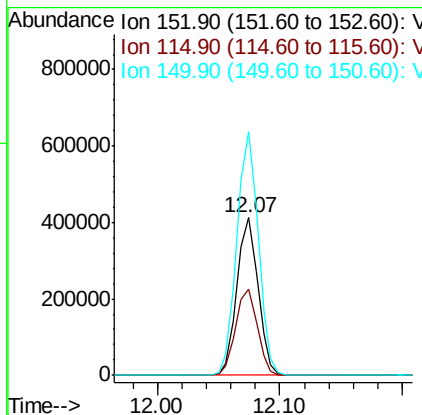
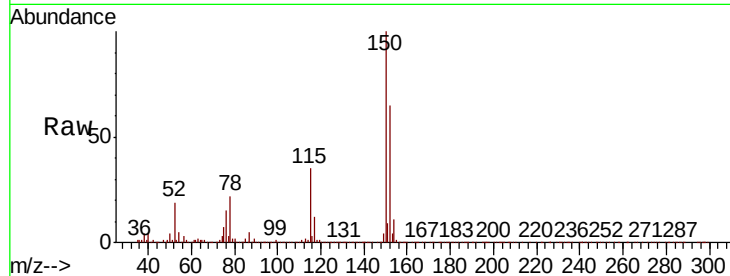
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
152	100	492183		
115	56.3	38.3	114.9	
150	155.9	0.0	345.4	

Manual Integrations
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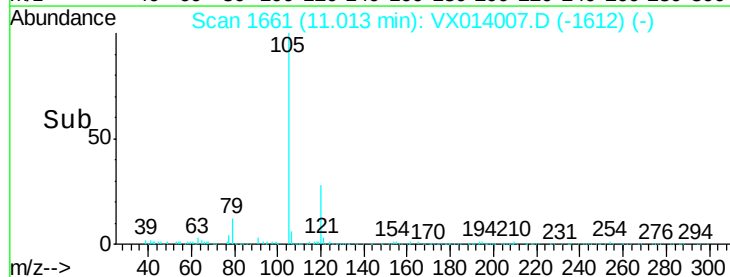
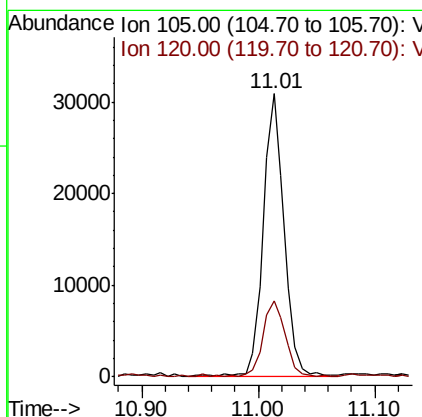
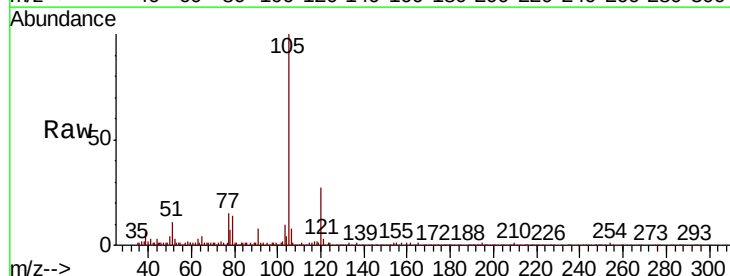
apatel
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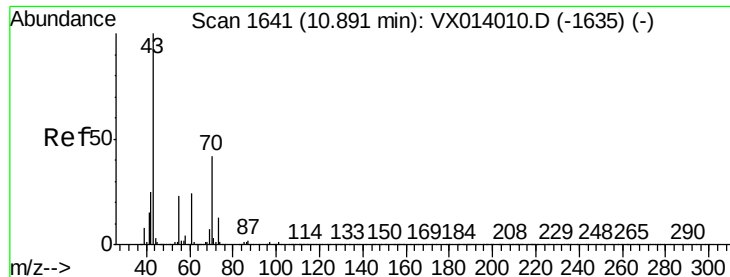


#73

Isopropylbenzene
Concen: 1.101 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	38061		
120	29.1	13.5	40.4	





#74

N-amvl acetate

Concen: 1.038 ug/l

RT: 10.90 min Scan# 1642

Delta R.T. 0.01 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

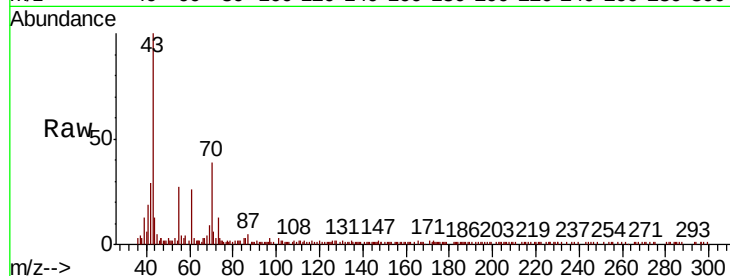
ClientSampleId :

VSTDIC001

Tot Ion	43	Resp	16431
Ion Ratio	Lower	Upper	
43	100		
70	43.8	34.4	51.6
55	23.4	19.1	28.7
61	25.9	19.7	29.5

Manual Integrations
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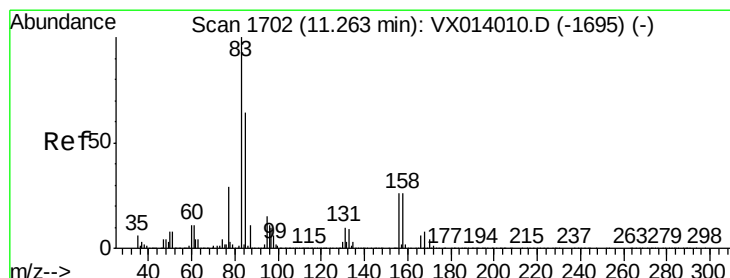
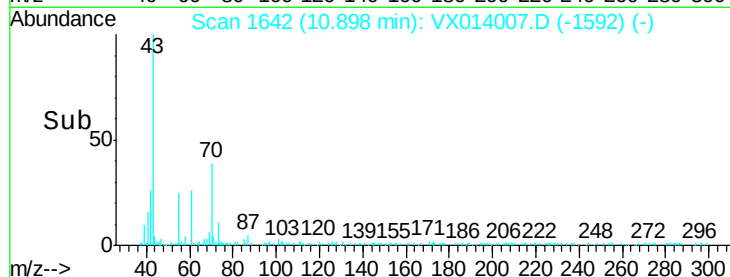
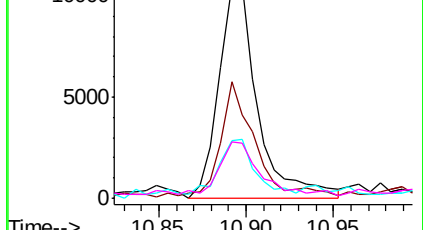


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 1.074 ug/l

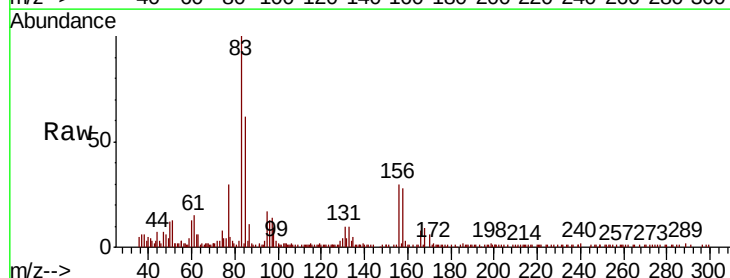
RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

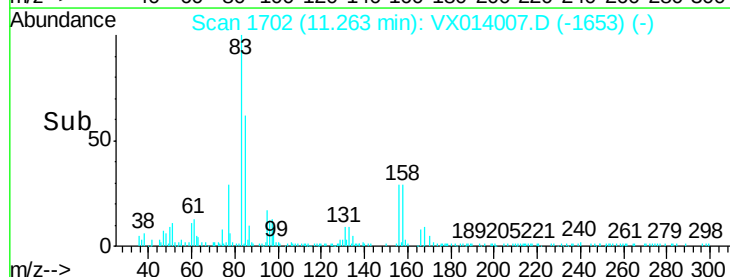
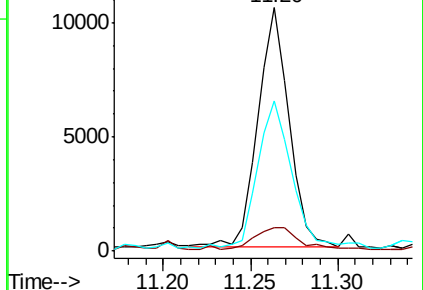
Tgt Ion	83	Resp	12856
Ion Ratio	Lower	Upper	
83	100		
131	13.4	5.1	15.2
85	68.7	31.9	95.7

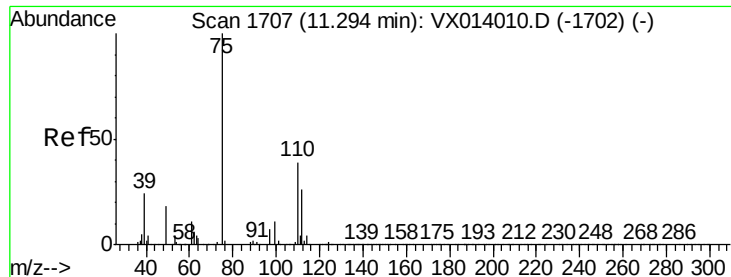


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 0.961 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 10589

Ion Ratio Lower Upper

75 100

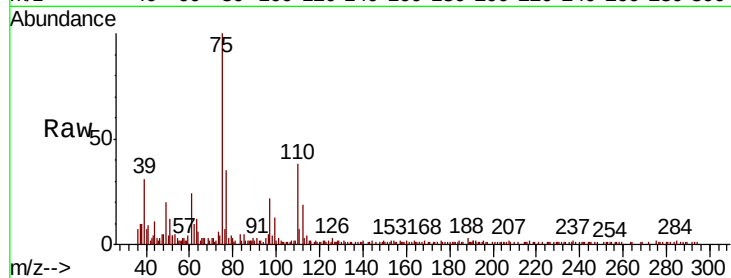
77 46.0 19.3 57.8

Manual Integrations

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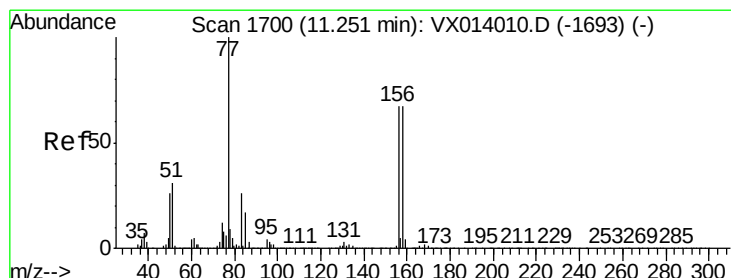
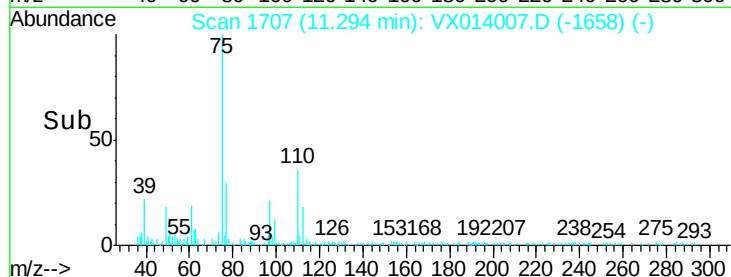
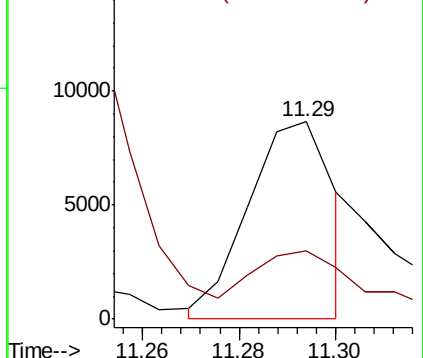
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 1.273 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

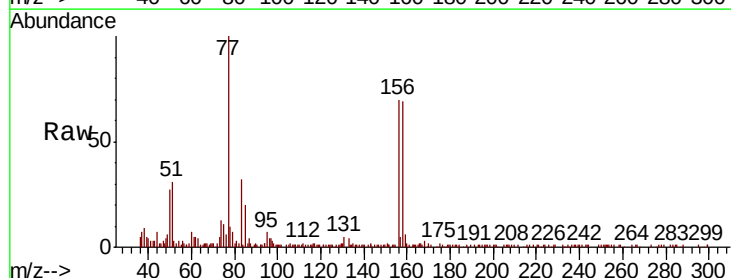
Tgt Ion: 156 Resp: 11866

Ion Ratio Lower Upper

156 100

77 136.1 76.5 229.5

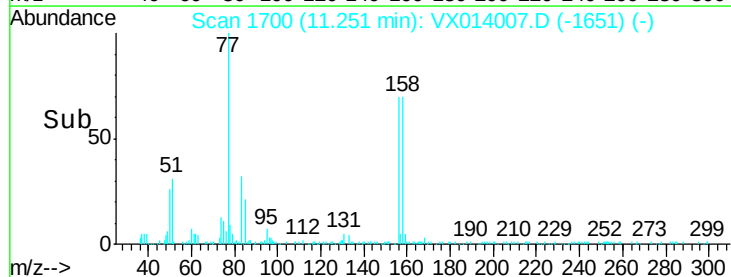
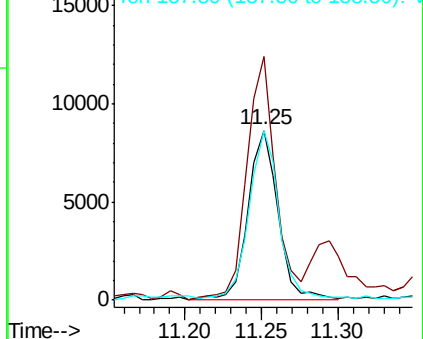
158 102.8 49.3 147.9

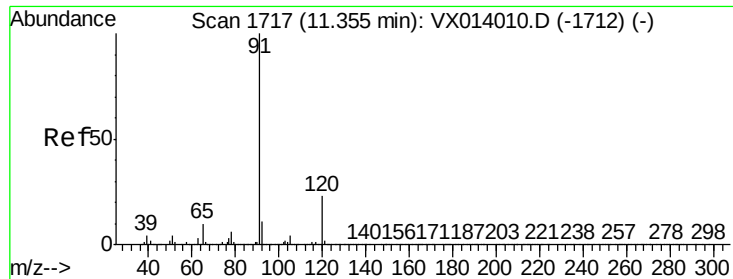


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 1.091 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 42164

Ion Ratio Lower Upper

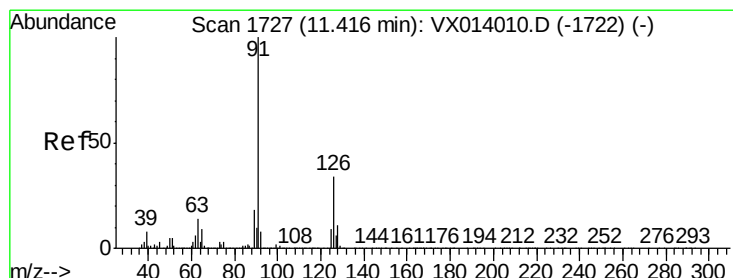
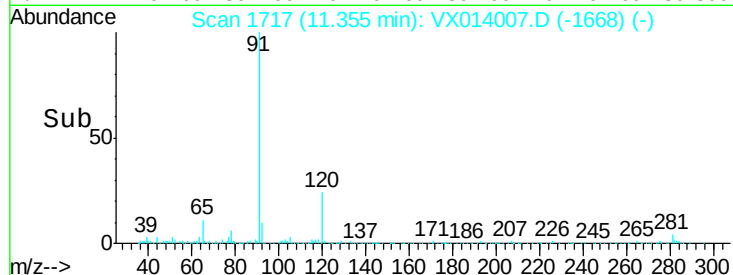
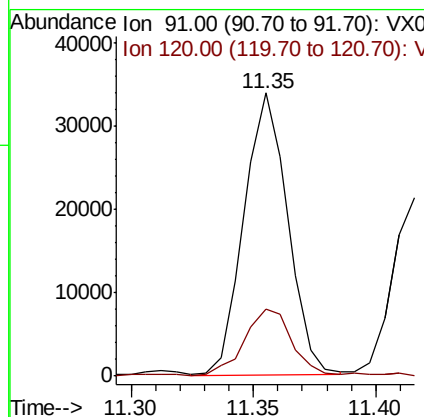
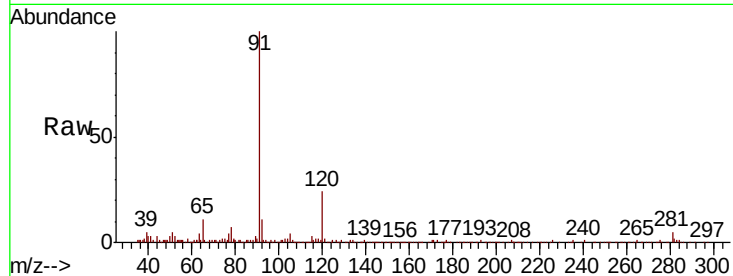
91 100

120 25.2 11.7 35.0

Manual Integrations
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#79

2-Chlorotoluene

Concen: 1.154 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014007.D

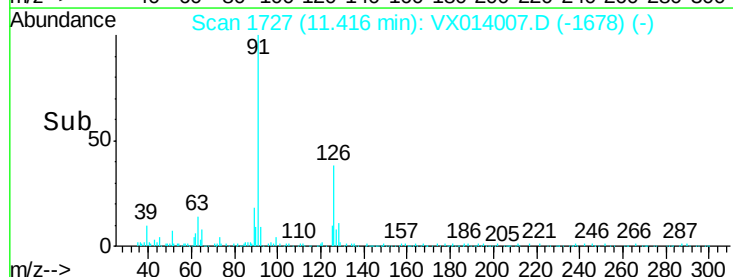
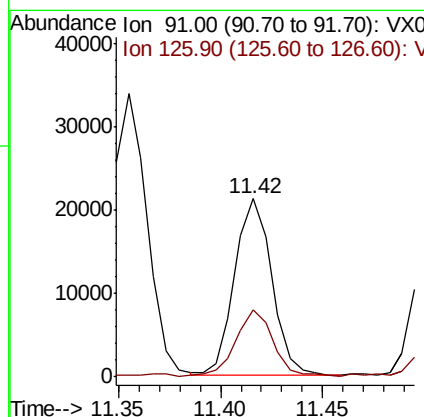
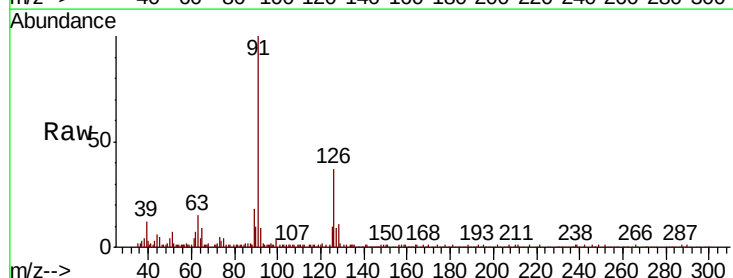
Acq: 13 Dec 2019 14:49

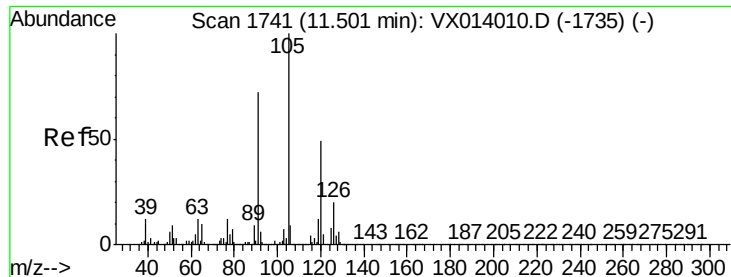
Tgt Ion: 91 Resp: 26847

Ion Ratio Lower Upper

91 100

126 36.8 17.2 51.6





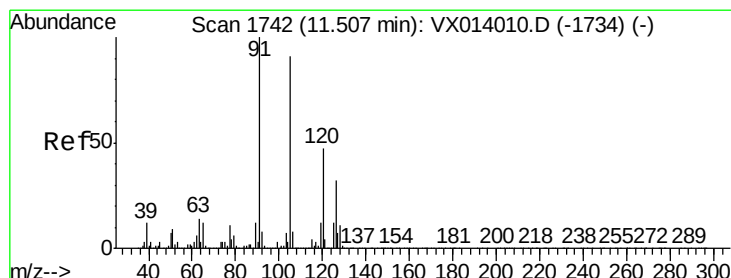
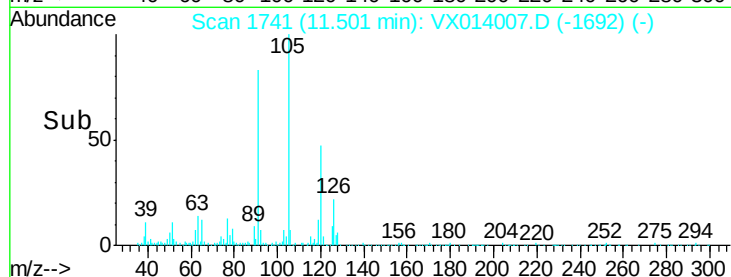
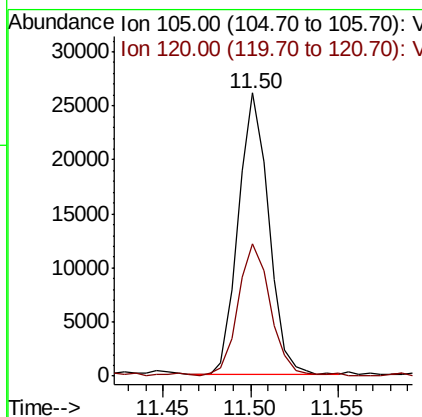
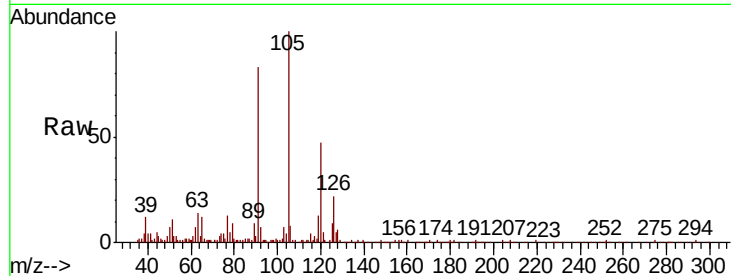
#80
 1,3,5-Trimethylbenzene
 Concen: 1.109 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014007.D
 Acq: 13 Dec 2019 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 31510
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.3 75.8

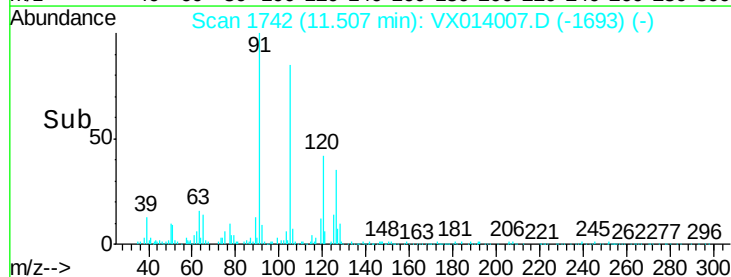
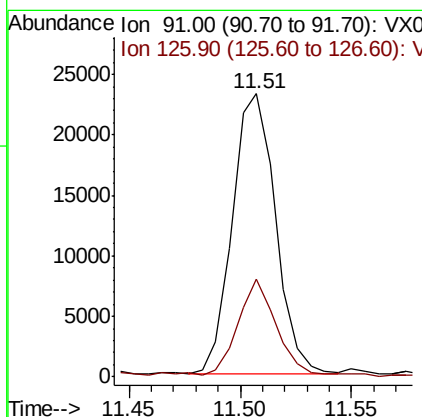
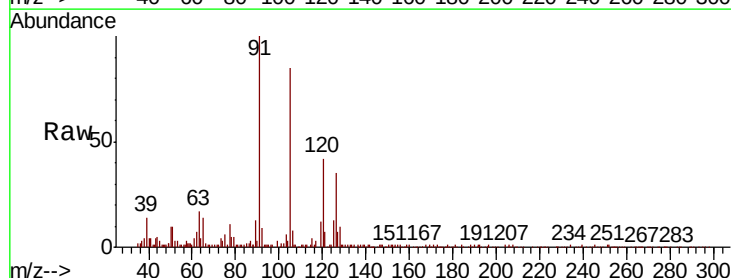
Manual Integrations
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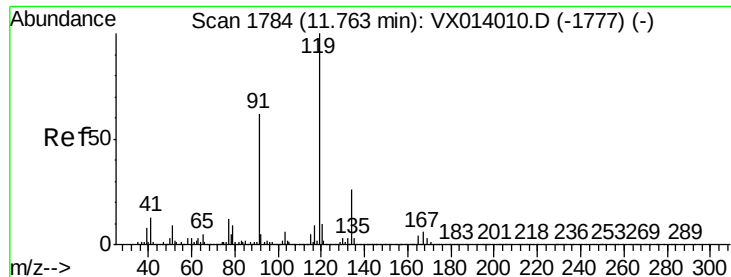
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#82
 4-Chlorotoluene
 Concen: 1.168 ug/l
 RT: 11.51 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX014007.D
 Acq: 13 Dec 2019 14:49

Tgt Ion: 91 Resp: 31365
 Ion Ratio Lower Upper
 91 100
 126 32.5 15.6 46.8





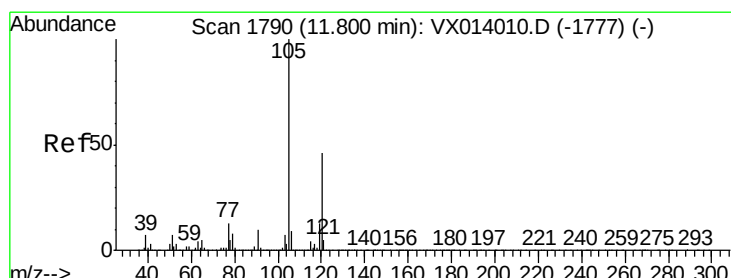
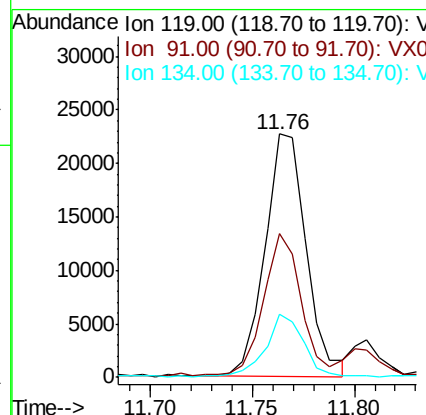
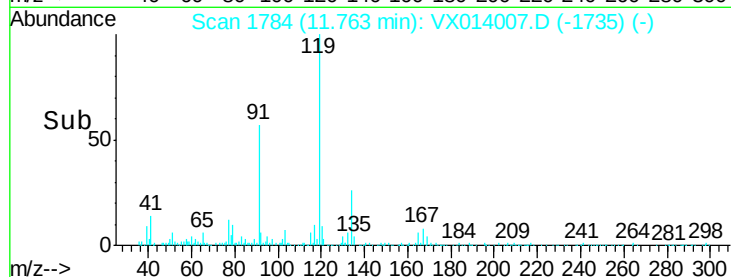
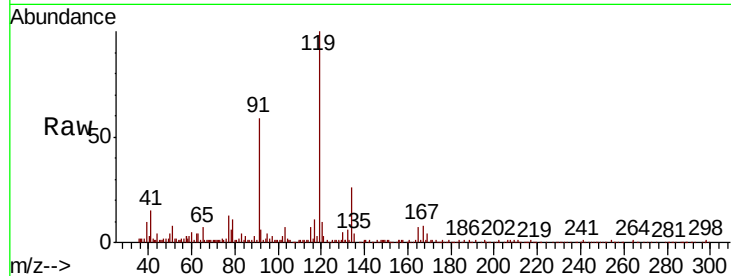
#83
tert-Butylbenzene
Concen: 1.119 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	53.2	28.5	85.6
134	24.0	12.2	36.6

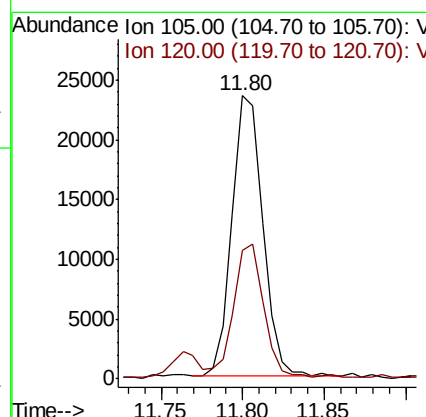
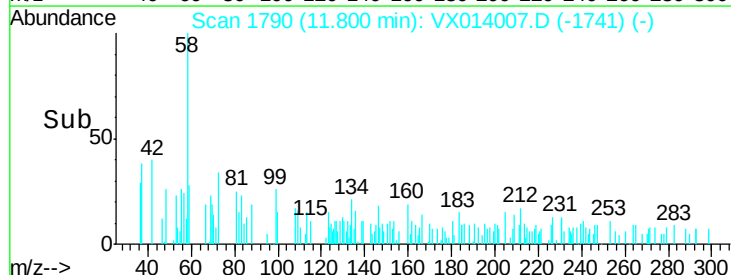
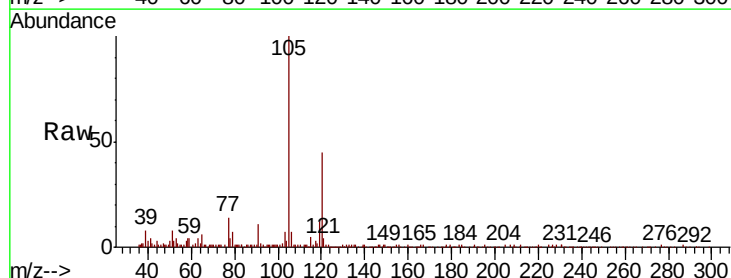
Manual Integrations
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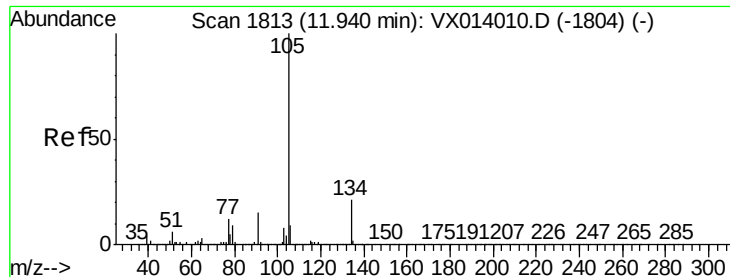
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#84
1,2,4-Trimethylbenzene
Concen: 1.075 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.2





#85

sec-Butylbenzene

Concen: 1.107 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 36468

Ion Ratio Lower Upper

105 100

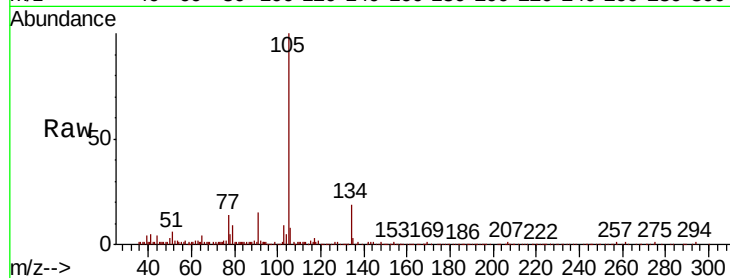
134 21.0 10.4 31.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

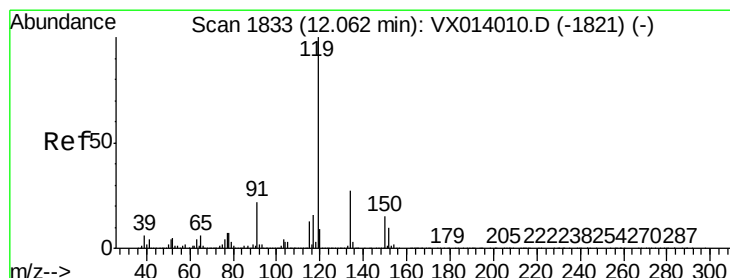
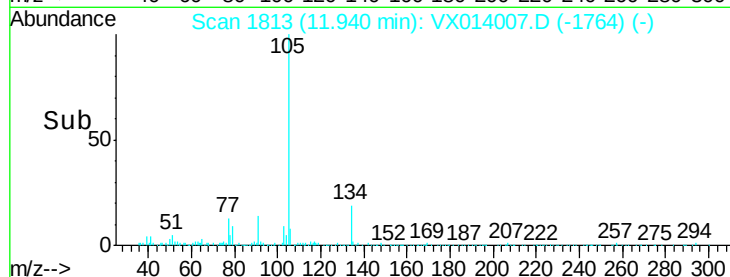
30000

20000

10000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 1.029 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

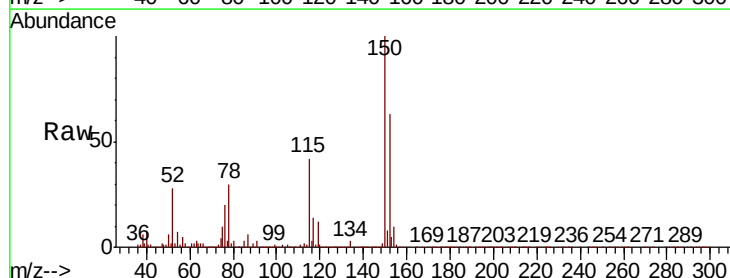
Tgt Ion:119 Resp: 31503

Ion Ratio Lower Upper

119 100

134 32.8 13.4 40.1

91 26.9 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

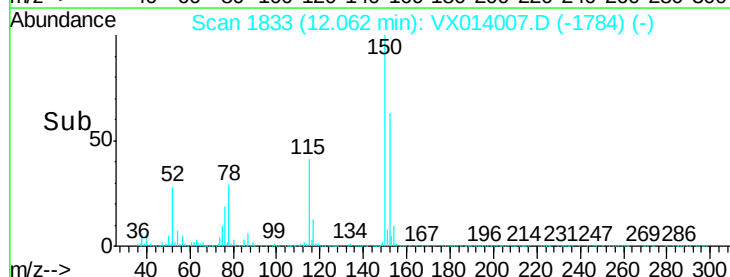
30000

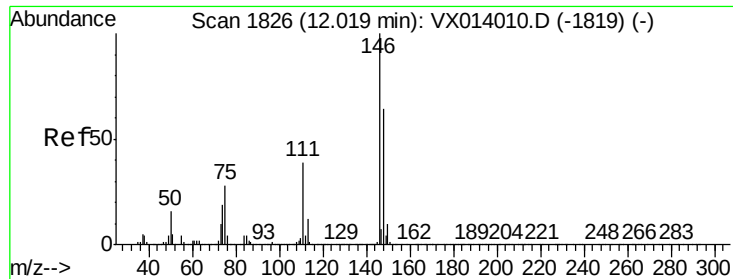
20000

10000

0

Time--> 12.00 12.05 12.10





#87

1,3-Dichlorobenzene

Concen: 1.235 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014007.D

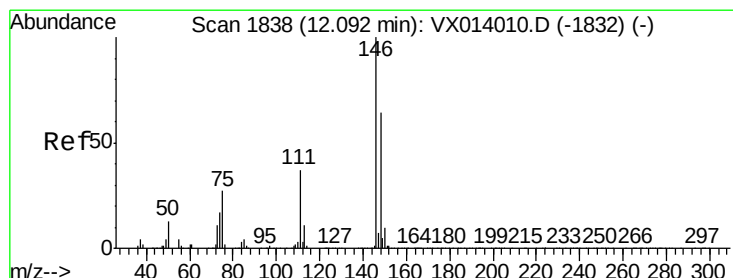
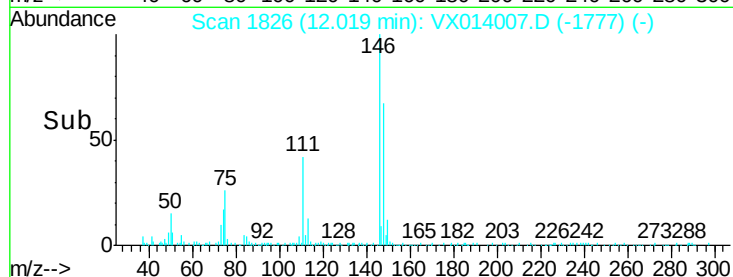
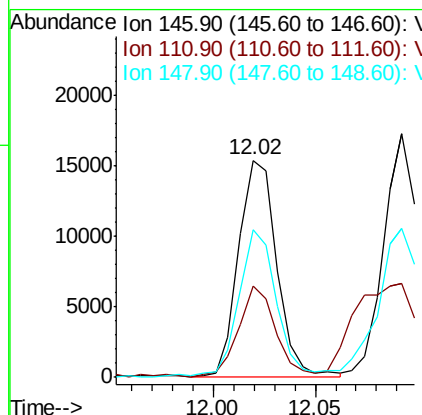
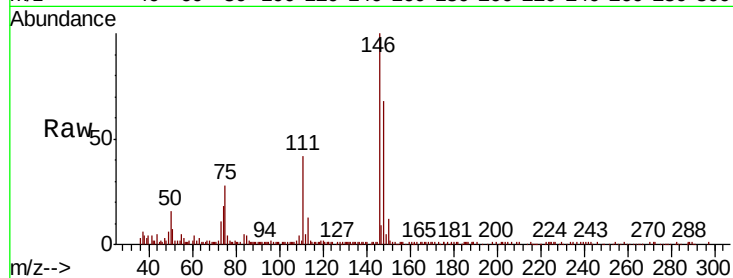
Acq: 13 Dec 2019 14:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.1	57.1
148	67.2	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 1.305 ug/l m

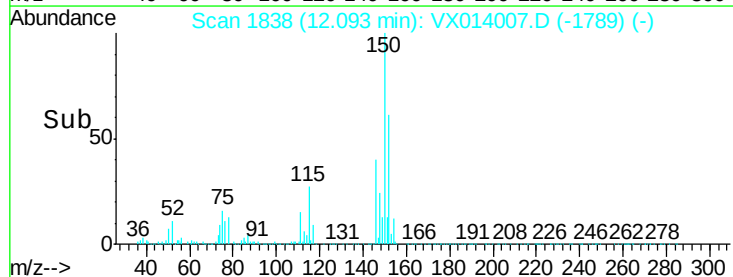
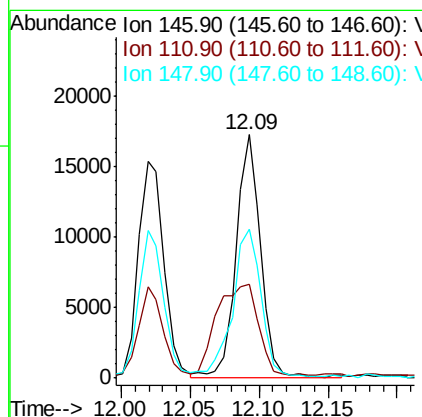
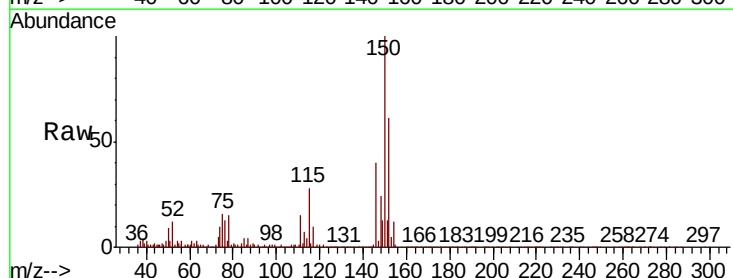
RT: 12.09 min Scan# 1838

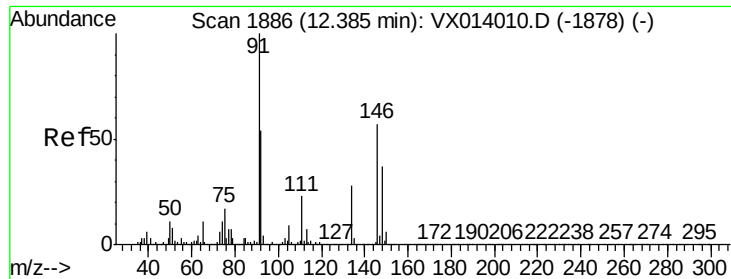
Delta R.T. 0.00 min

Lab File: VX014007.D

Acq: 13 Dec 2019 14:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.7	56.1
148	62.4	31.9	95.9





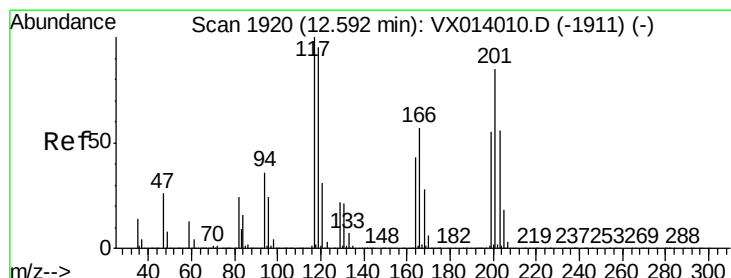
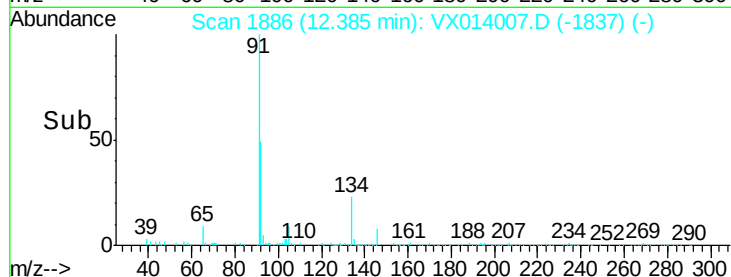
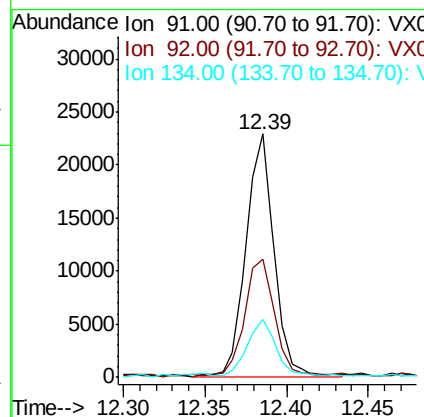
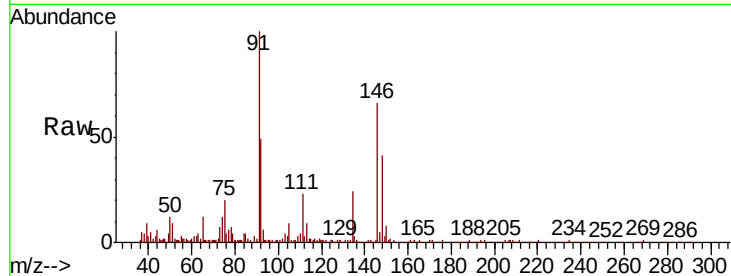
#89
n-Butylbenzene
Concen: 1.042 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	27.2	81.6
134	23.9	13.4	40.1

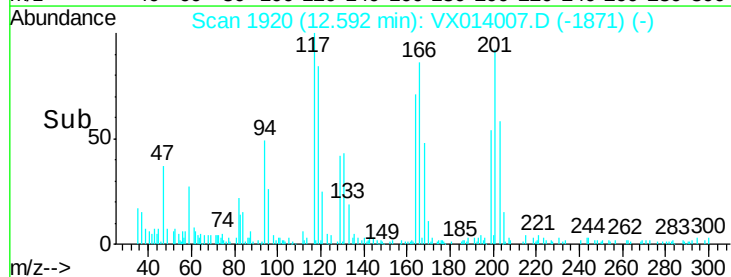
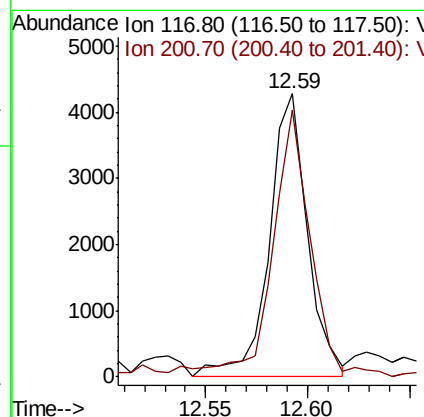
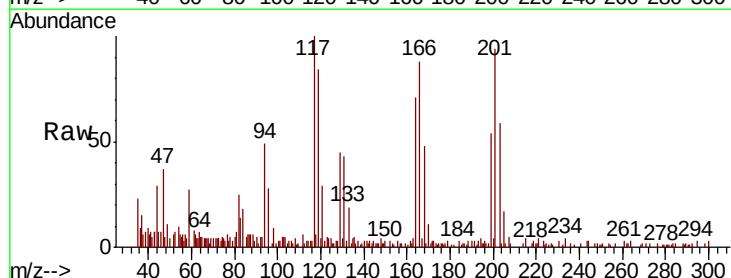
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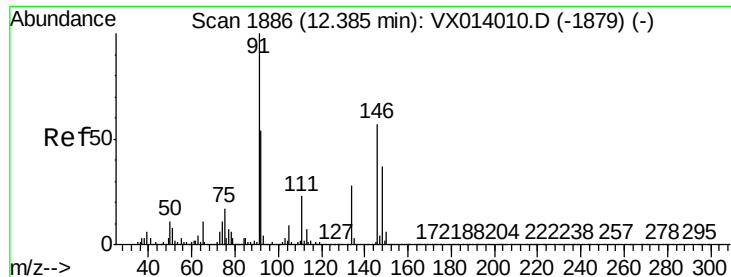
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#90
Hexachloroethane
Concen: 1.009 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.1	43.1	129.3





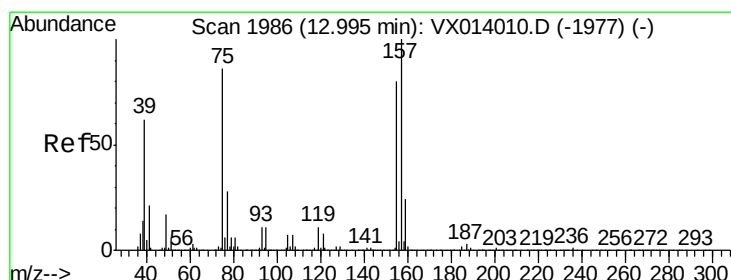
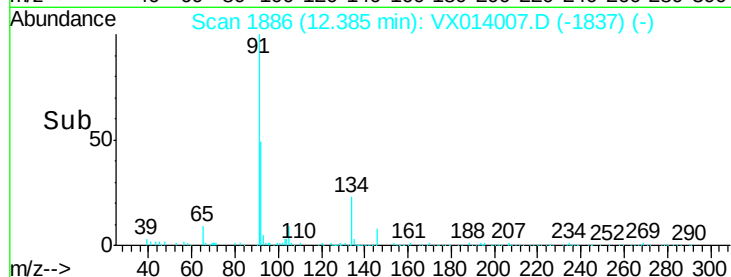
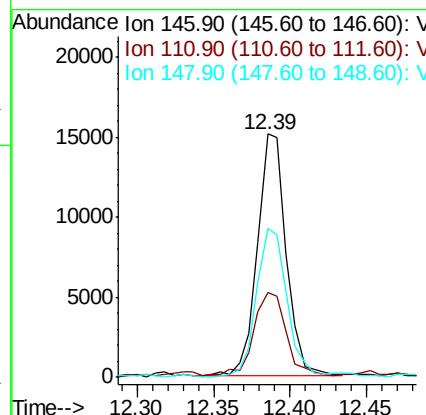
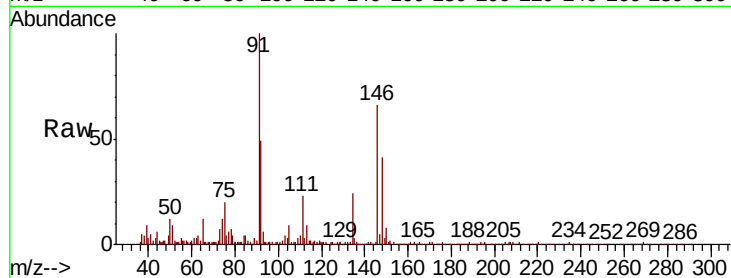
#91
 1,2-Dichlorobenzene
 Concen: 1.244 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014007.D
 Acq: 13 Dec 2019 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.1
148	64.8	32.1	96.5

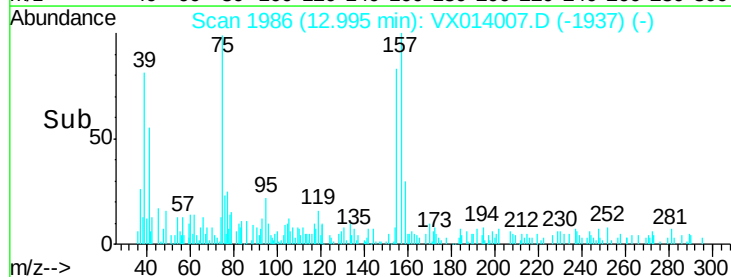
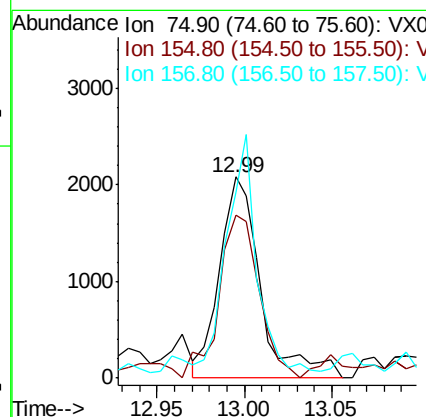
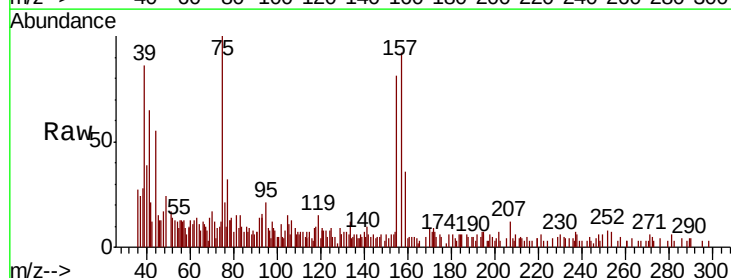
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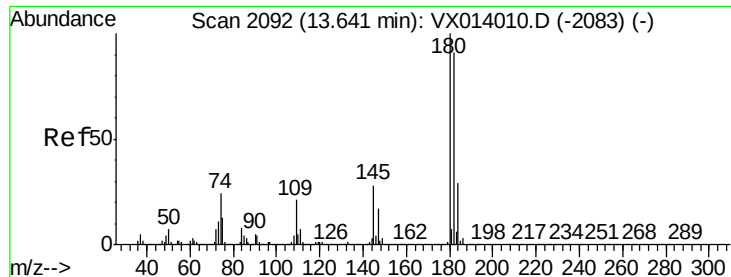
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.319 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014007.D
 Acq: 13 Dec 2019 14:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	46.9	140.6
157	91.3	60.8	182.4





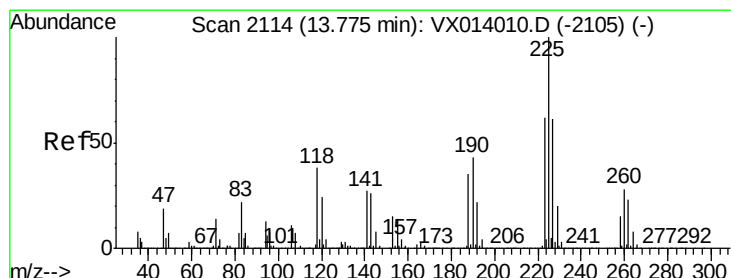
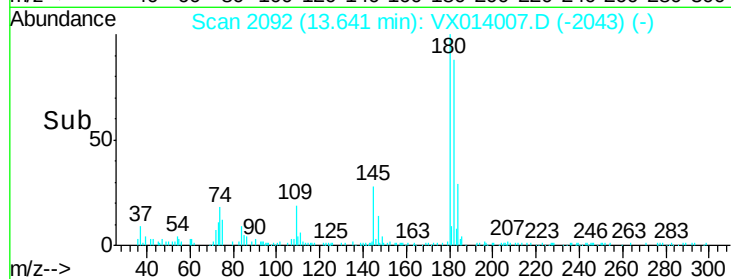
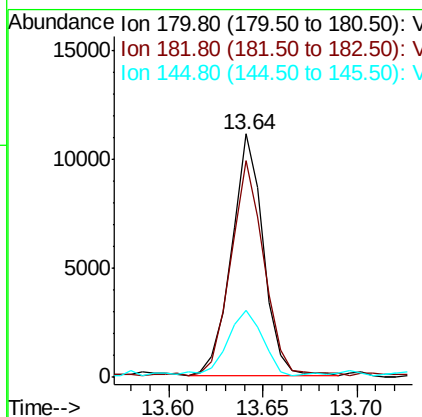
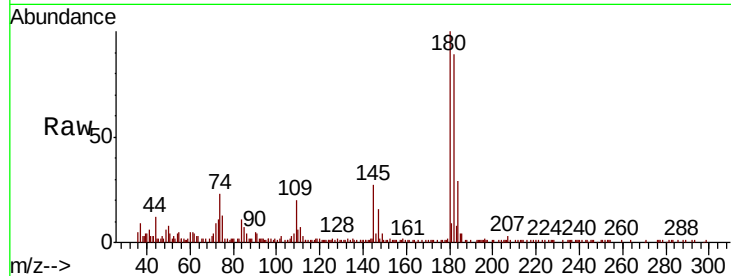
#93
 1,2,4-Trichlorobenzene
 Concen: 1.157 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014007.D
 Acq: 13 Dec 2019 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
180	100	12885		
182	94.5	46.6	139.8	
145	30.1	14.2	42.6	

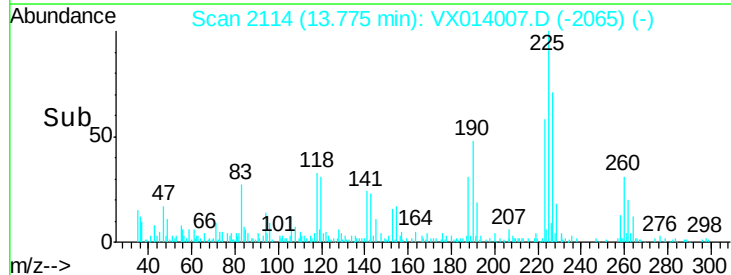
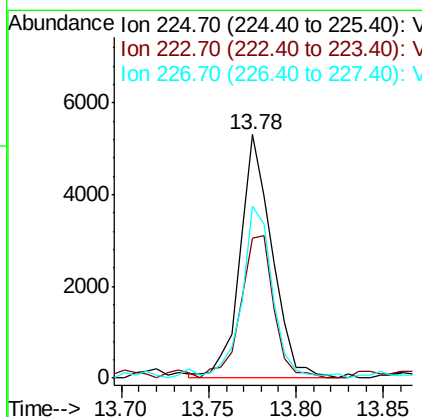
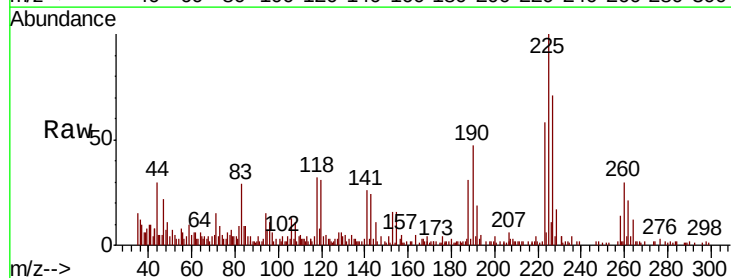
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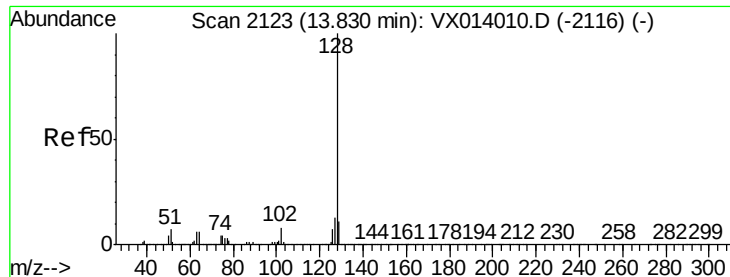
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#94
 Hexachlorobutadiene
 Concen: 1.251 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014007.D
 Acq: 13 Dec 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	6745		
223	60.5	30.9	92.5	
227	69.8	30.9	92.7	





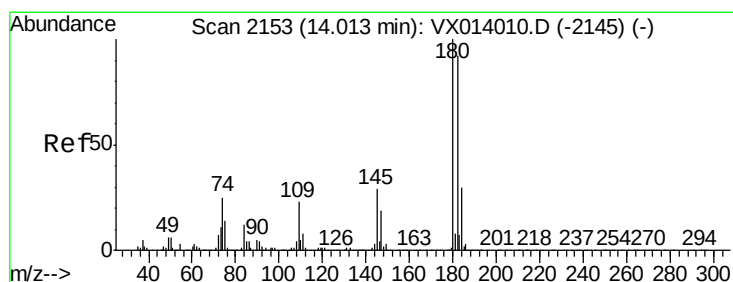
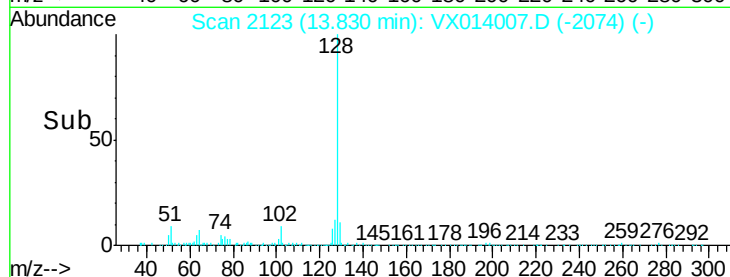
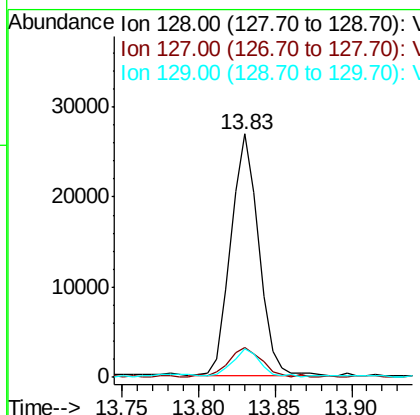
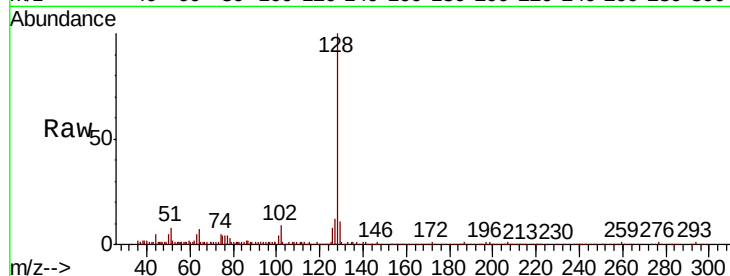
#95
Naphthalene
Concen: 1.032 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.2	15.4
129	10.9	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 1.082 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014007.D
Acq: 13 Dec 2019 14:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.4	46.8	140.3
145	34.1	14.8	44.4

