

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121319\
 Data File : VX014011.D
 Acq On : 13 Dec 2019 16:22
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
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Quant Time: Dec 13 17:02:28 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	548793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	843362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	774520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	405555	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	617981	96.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.72%	
35) Dibromofluoromethane	5.49	113	516920	98.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.24%	
50) Toluene-d8	8.71	98	2007259	97.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.86%	
62) 4-Bromofluorobenzene	11.14	95	751769	101.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	483811	82.465	ug/l	99
3) Chloromethane	1.31	50	626684	92.299	ug/l	99
4) Vinyl Chloride	1.40	62	666994	88.812	ug/l	100
5) Bromomethane	1.62	94	474252	92.303	ug/l	98
6) Chloroethane	1.70	64	405287	92.558	ug/l	94
7) Trichlorofluoromethane	1.91	101	836614	97.334	ug/l	98
8) Diethyl Ether	2.18	74	378389	97.403	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	500876	95.806	ug/l	100
10) Methyl Iodide	2.50	142	714380	112.514	ug/l	98
11) Tert butyl alcohol	3.06	59	633927	414.756	ug/l	98
12) 1,1-Dichloroethene	2.36	96	516735	99.112	ug/l	98
13) Acrolein	2.28	56	401218	445.908	ug/l	98
14) Allyl chloride	2.72	41	947139	100.188	ug/l	100
15) Acrylonitrile	3.13	53	1544265	480.478	ug/l	99
16) Acetone	2.44	43	2001144	605.853	ug/l	100
17) Carbon Disulfide	2.56	76	1453335	97.584	ug/l	100
18) Methyl Acetate	2.76	43	802431	93.931	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	1721707	99.489	ug/l	99
20) Methylene Chloride	2.84	84	582633	96.197	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	558801	98.204	ug/l	97
22) Diisopropyl ether	3.84	45	1844772	100.858	ug/l	97
23) Vinyl Acetate	3.80	43	7323485	482.257	ug/l	99
24) 1,1-Dichloroethane	3.69	63	1011790	101.197	ug/l	100
25) 2-Butanone	4.66	43	2502827	530.956	ug/l	99
26) 2,2-Dichloropropane	4.57	77	812194	98.580	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	639085	97.865	ug/l	100
28) Bromochloromethane	5.00	49	407067	115.327	ug/l	99
29) Tetrahydrofuran	5.12	42	1387997	488.481	ug/l	99
30) Chloroform	5.20	83	968045	95.658	ug/l	98
31) Cyclohexane	5.57	56	928998	98.286	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	838275	99.181	ug/l	99
36) 1,1-Dichloropropene	5.79	75	758845	99.053	ug/l	100
37) Ethyl Acetate	4.83	43	851531	99.635	ug/l	99
38) Carbon Tetrachloride	5.77	117	719273	101.788	ug/l	99

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 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)
39) Methylcyclohexane	7.46	83	945088	99.629	ug/l	99
40) Benzene	6.13	78	2308856	98.745	ug/l	98
41) Methacrylonitrile	5.03	41	490632	105.173	ug/l	96
42) 1,2-Dichloroethane	6.18	62	786354	98.762	ug/l	99
43) Isopropyl Acetate	6.43	43	1440737	102.057	ug/l	99
44) Trichloroethene	7.20	130	631114	98.707	ug/l	100
45) 1,2-Dichloropropane	7.51	63	597656	101.971	ug/l	97
46) Dibromomethane	7.65	93	384599	96.955	ug/l	99
47) Bromodichloromethane	7.89	83	775778	103.479	ug/l	98
48) Methyl methacrylate	7.76	41	713945	104.318	ug/l	99
49) 1,4-Dioxane	7.74	88	266492	1767.914	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	4454422	502.518	ug/l	100
52) Toluene	8.78	92	1450176	99.705	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	900433	105.583	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	978680	104.939	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	585526	100.026	ug/l	99
56) Ethyl methacrylate	9.17	69	1001661	106.259	ug/l	100
57) 1,3-Dichloropropane	9.37	76	995630	98.559	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1879120	508.509	ug/l	100
59) 2-Hexanone	9.49	43	3687624	528.666	ug/l	100
60) Dibromochloromethane	9.58	129	640857	105.869	ug/l	99
61) 1,2-Dibromoethane	9.67	107	618127	98.996	ug/l	100
64) Tetrachloroethene	9.33	164	730494	122.222	ug/l	97
65) Chlorobenzene	10.14	112	1585660	98.056	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	591151	102.094	ug/l	99
67) Ethyl Benzene	10.25	91	2770473	99.813	ug/l	99
68) m/p-Xylenes	10.35	106	2149249	201.972	ug/l	99
69) o-Xylene	10.70	106	1049787	101.159	ug/l	100
70) Styrene	10.71	104	1839187	105.053	ug/l	99
71) Bromoform	10.85	173	521997	109.295	ug/l	100
73) Isopropylbenzene	11.01	105	2753143	96.652	ug/l	99
74) N-amyl acetate	10.89	43	1364487	104.568	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	956183	96.951	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	861897m	94.893	ug/l	
77) Bromobenzene	11.25	156	737773	96.089	ug/l	99
78) n-propylbenzene	11.35	91	3184476	99.977	ug/l	99
79) 2-Chlorotoluene	11.42	91	1867515	97.459	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	2362600	100.907	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	344901	104.093	ug/l	97
82) 4-Chlorotoluene	11.51	91	2200862	99.470	ug/l	99
83) tert-Butylbenzene	11.77	119	2205438	93.495	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	2371228	99.859	ug/l	99
85) sec-Butylbenzene	11.94	105	2753476	101.431	ug/l	100
86) p-Isopropyltoluene	12.06	119	2532372	100.425	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1325579	98.848	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1321090	96.582	ug/l	99
89) n-Butylbenzene	12.39	91	2252779	104.611	ug/l	99
90) Hexachloroethane	12.59	117	475941	104.126	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1316372	99.046	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	209437	98.478	ug/l	96

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ClientSampleId :
VSTDICC100

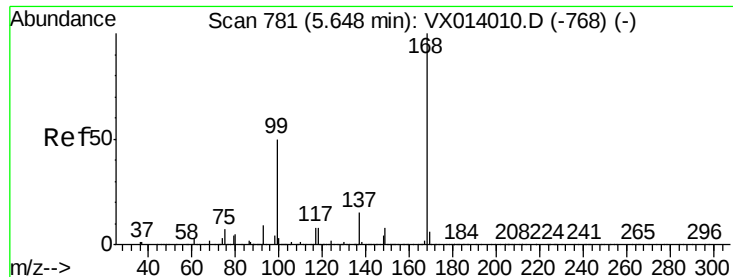
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	917133	99.909	ug/l	98
94) Hexachlorobutadiene	13.78	225	425393	95.763	ug/l	98
95) Naphthalene	13.83	128	2770114	101.586	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	908154	99.469	ug/l	98

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



#1

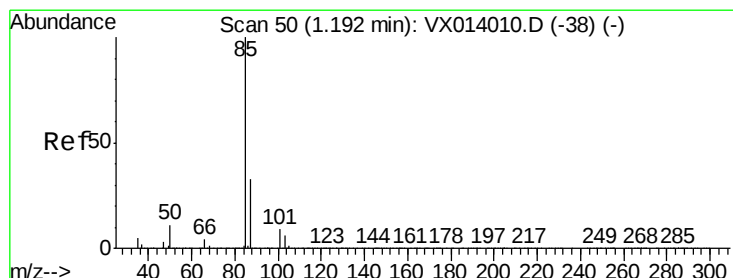
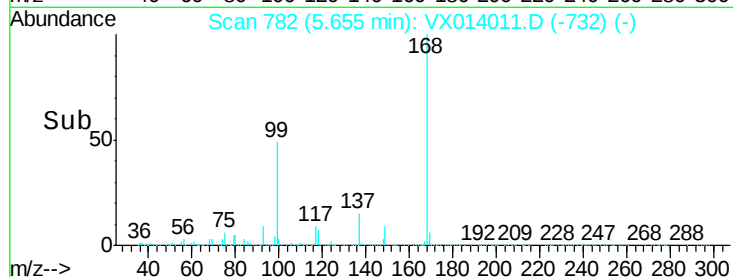
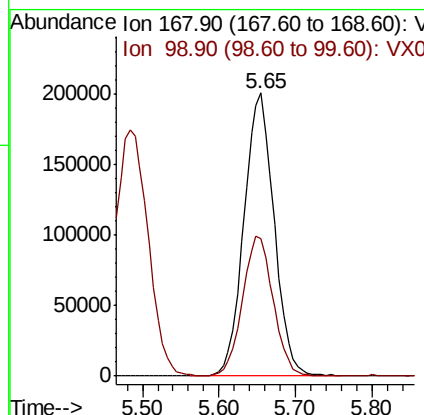
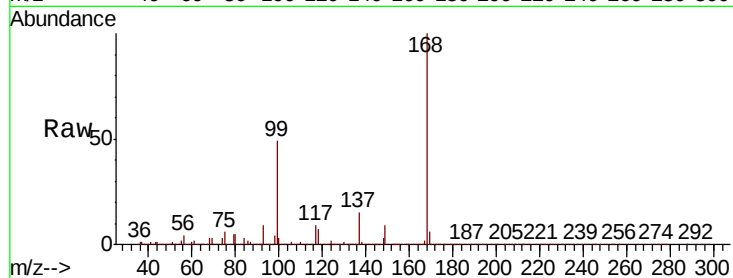
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX014011.D
 Acq: 13 Dec 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.2	40.3	60.5

Manual Integrations
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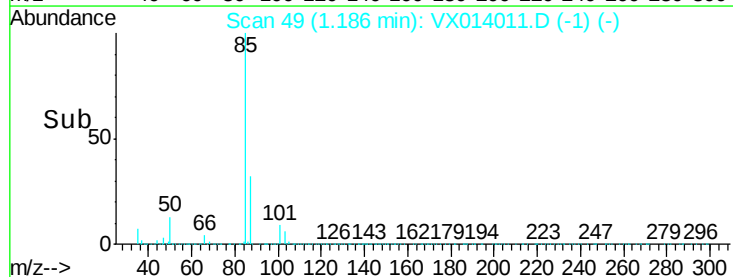
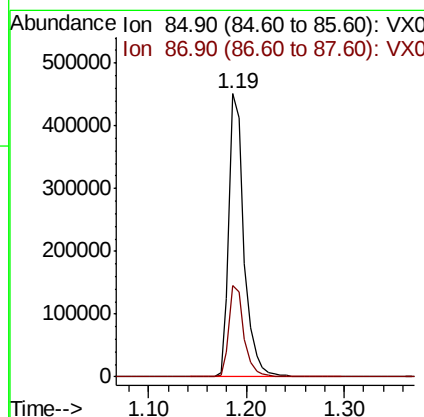
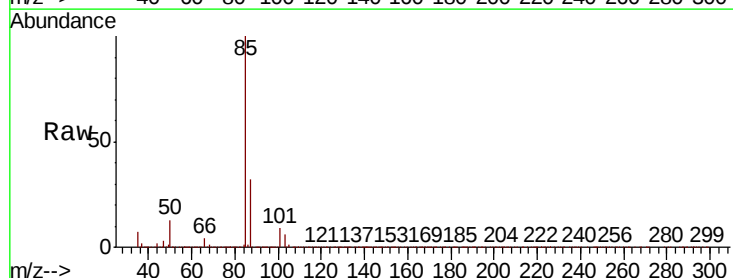
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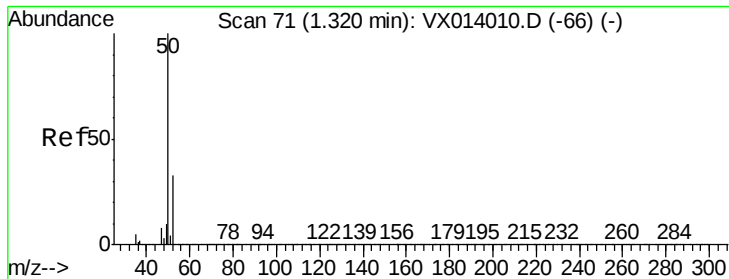


#2

Dichlorodifluoromethane
 Concen: 82.465 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. -0.01 min
 Lab File: VX014011.D
 Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.4	49.2





#3

Chloromethane

Concen: 92.299 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 626684

Ion Ratio Lower Upper

50 100

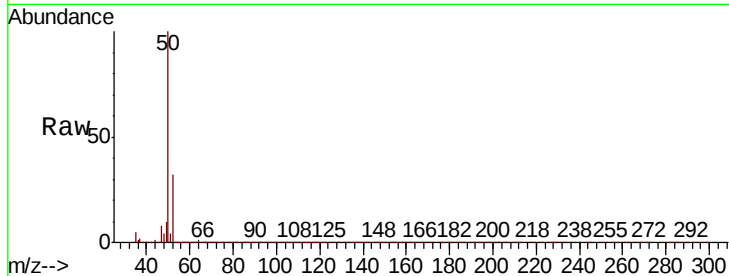
52 32.4 26.2 39.4

Manual Integrations

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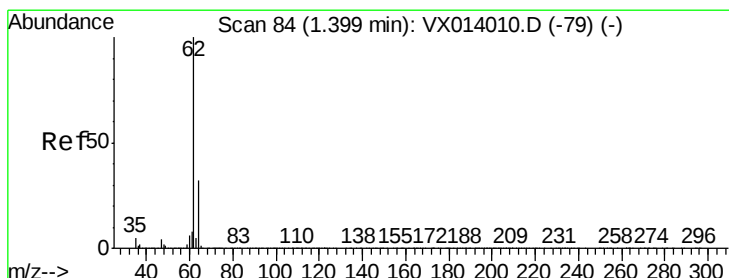
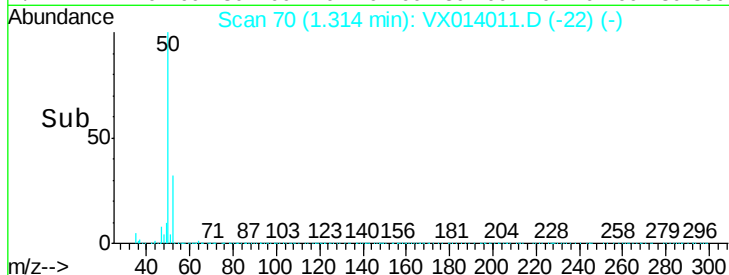
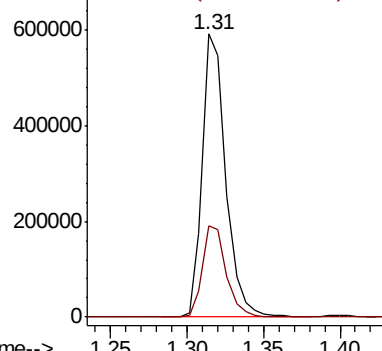
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 88.812 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014011.D

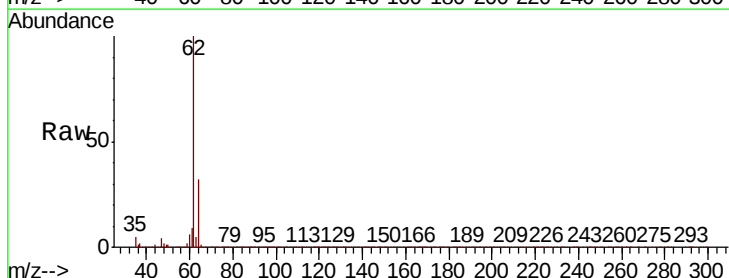
Acq: 13 Dec 2019 16:22

Tgt Ion: 62 Resp: 666994

Ion Ratio Lower Upper

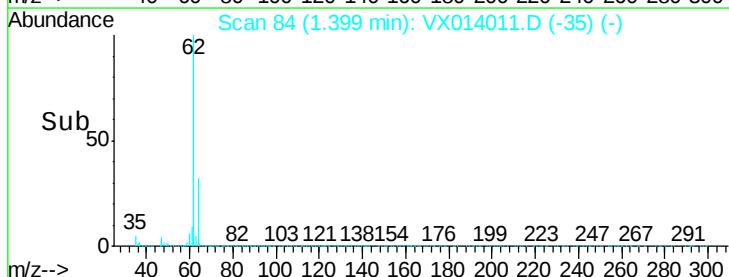
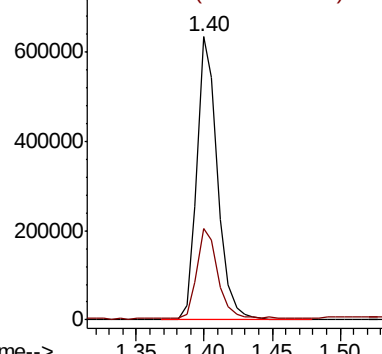
62 100

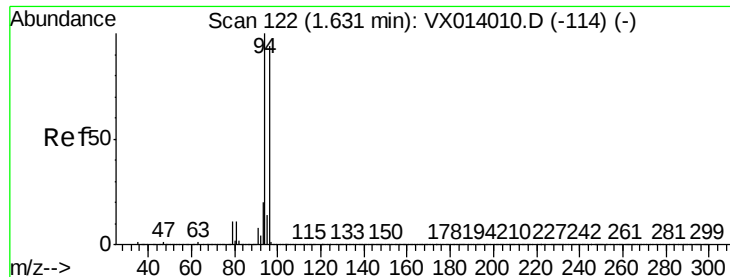
64 31.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 92.303 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 94 Resp: 474252

Ion Ratio Lower Upper

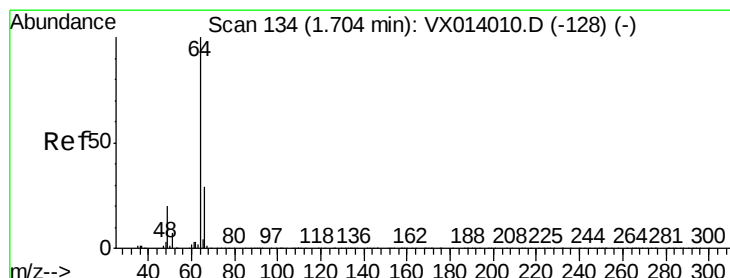
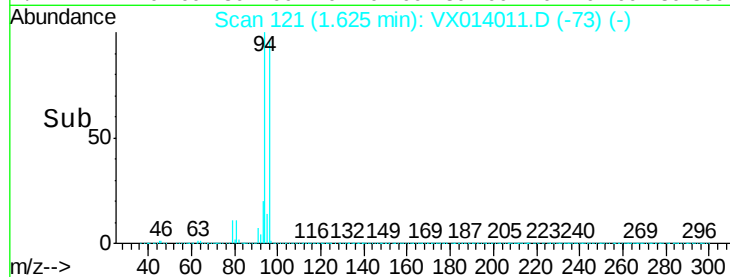
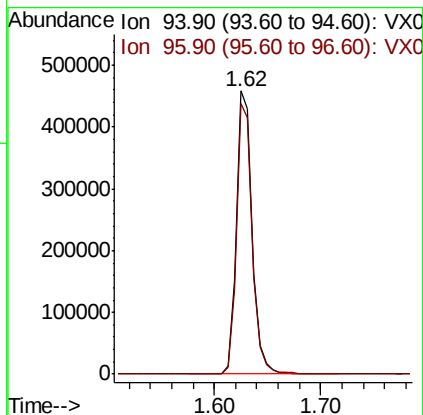
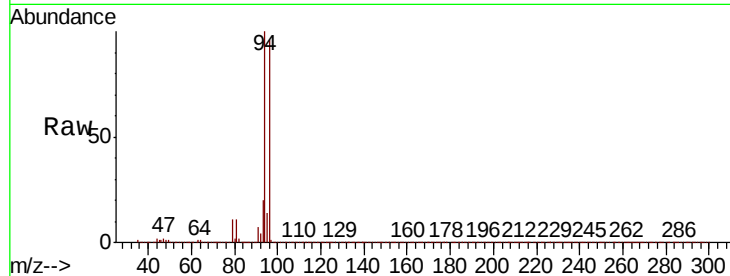
94 100

96 95.5 75.2 112.8

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#6

Chloroethane

Concen: 92.558 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX014011.D

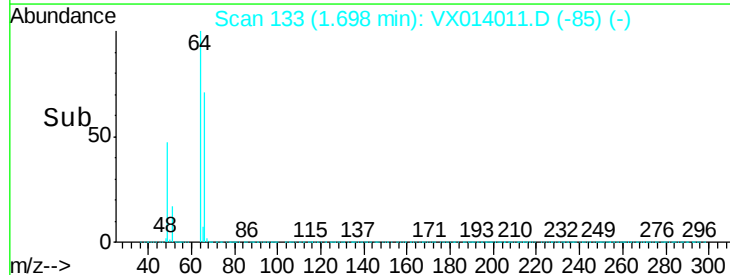
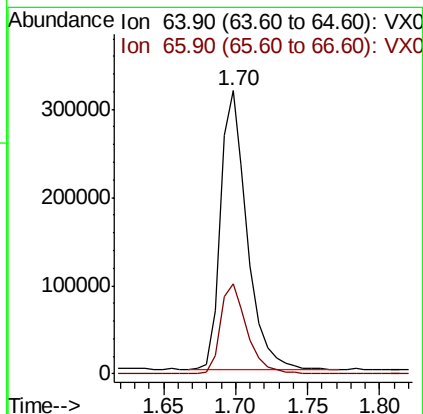
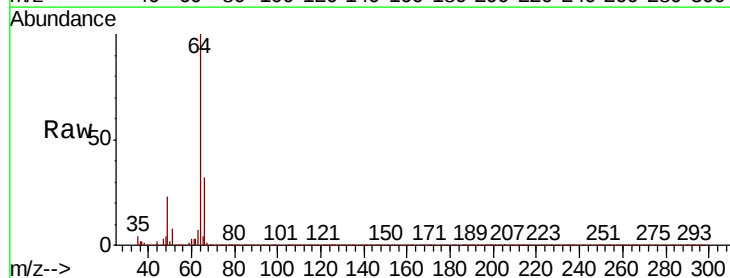
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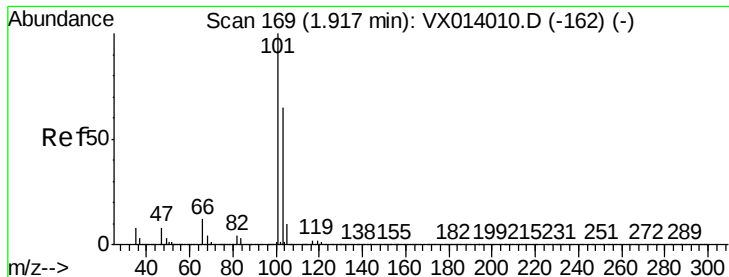
Tgt Ion: 64 Resp: 405287

Ion Ratio Lower Upper

64 100

66 32.3 23.4 35.2





#7

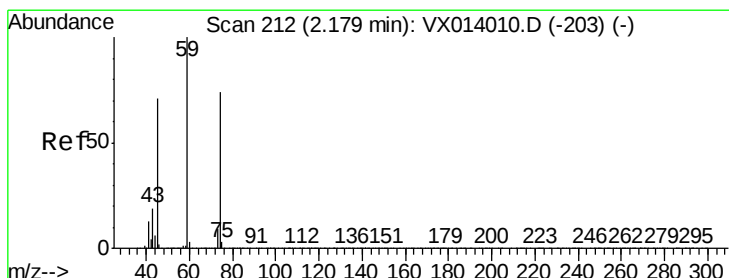
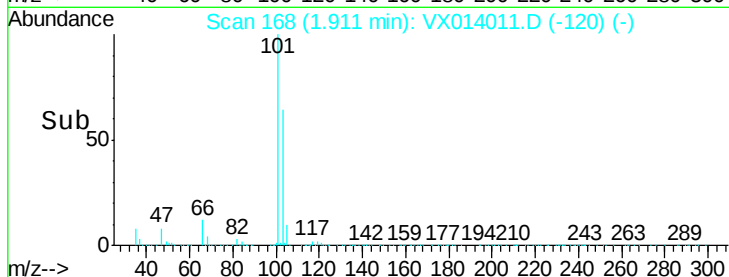
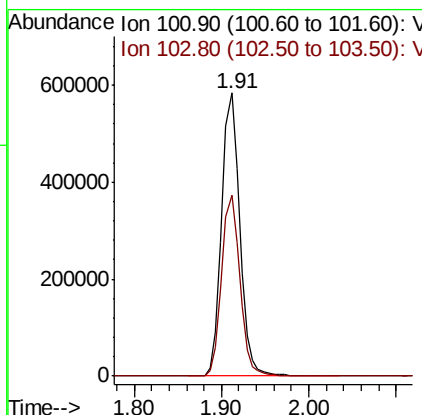
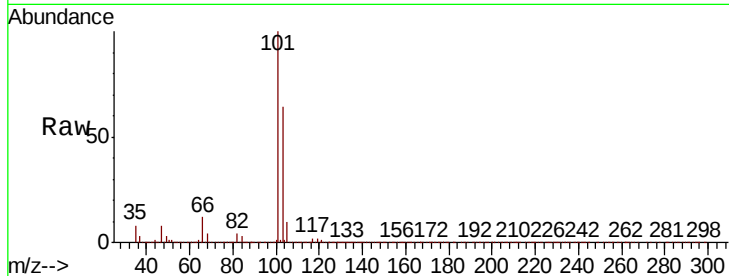
Trichlorofluoromethane
Concen: 97.334 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100	100	836614		
103	63.9	52.2	78.4		

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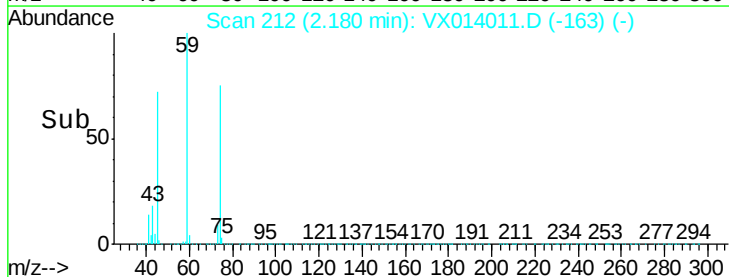
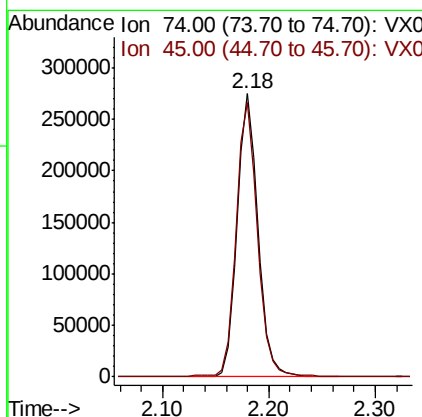
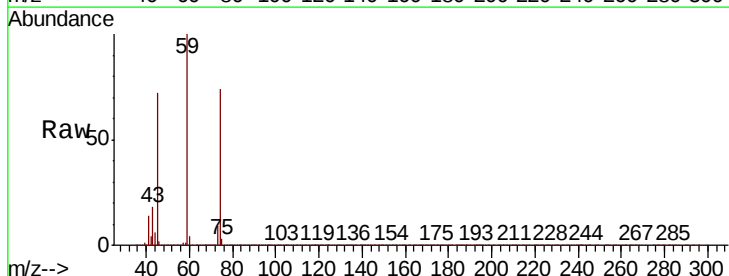
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#8

Diethyl Ether
Concen: 97.403 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100	100	378389		
45	99.1	48.1	144.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.806 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

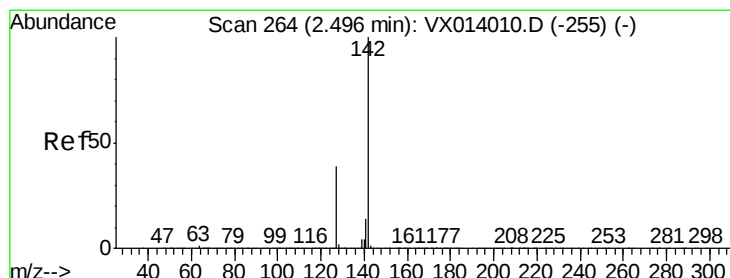
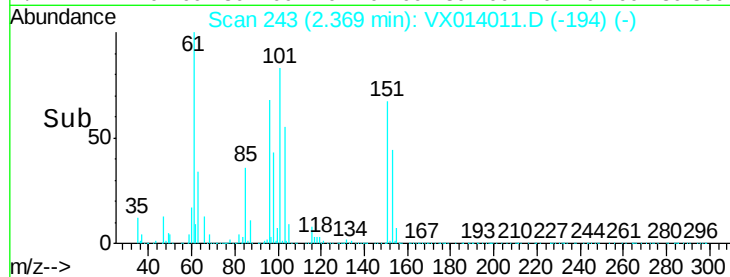
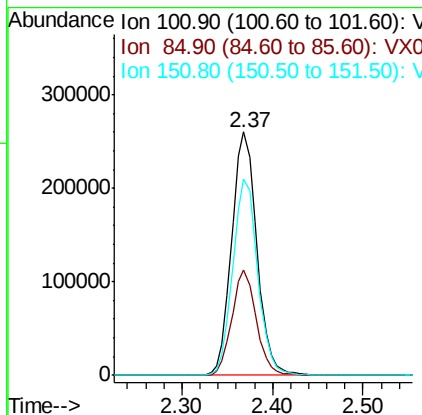
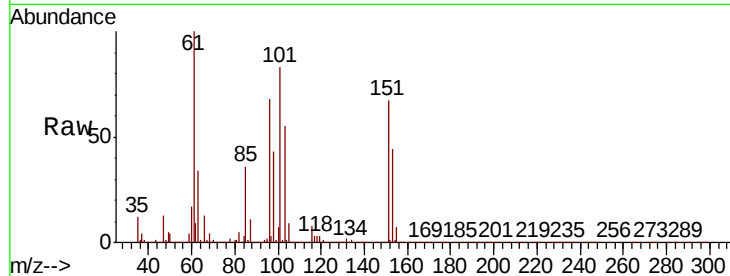
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	500876
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.7	50.5
151	80.2	64.5	96.7

Manual Integrations
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#10

Methyl Iodide

Concen: 112.514 ug/l

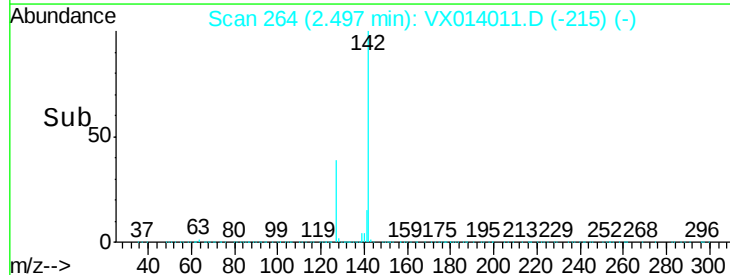
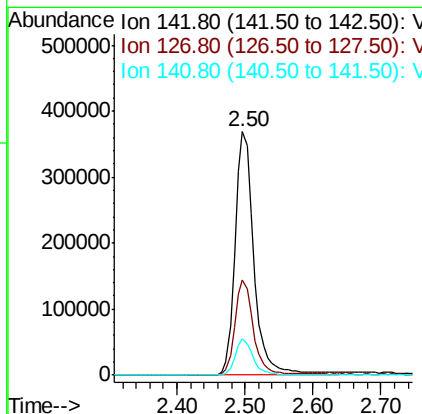
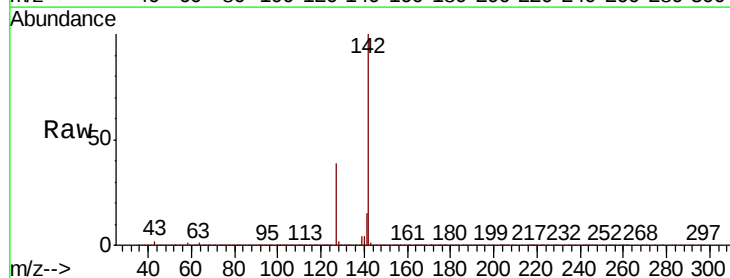
RT: 2.50 min Scan# 264

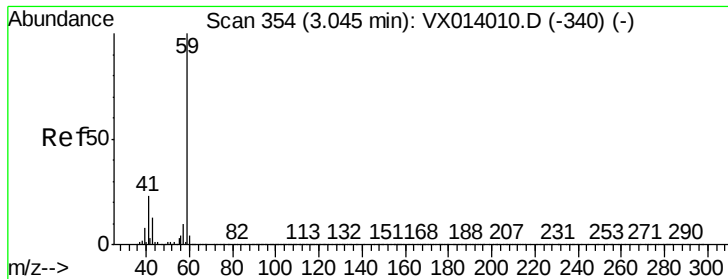
Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Tgt Ion:	142	Resp:	714380
Ion Ratio	Lower	Upper	
142	100		
127	38.1	31.6	47.4
141	14.2	11.6	17.4





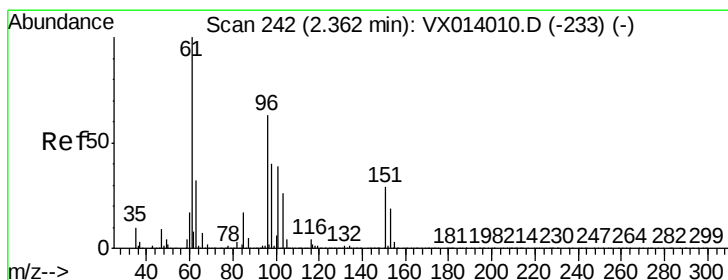
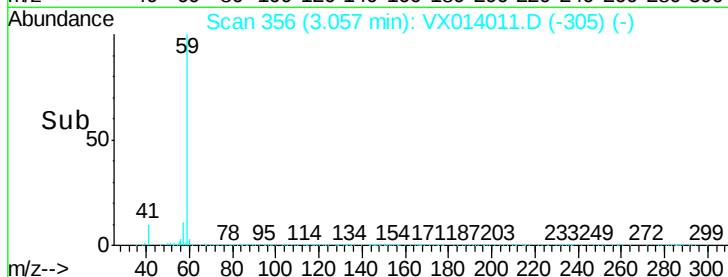
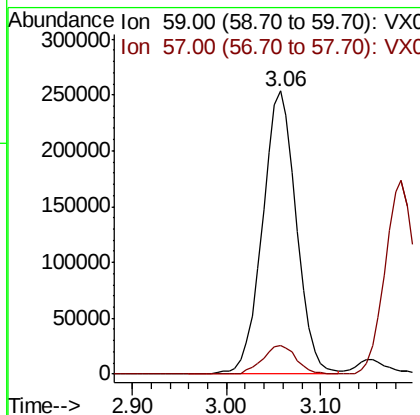
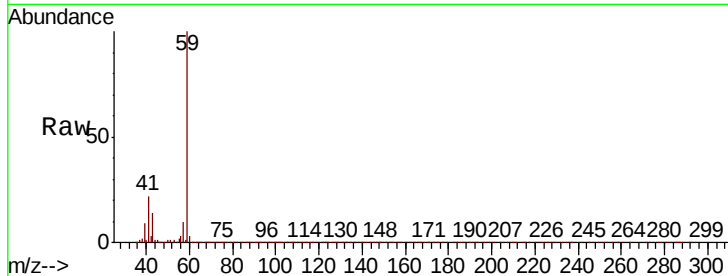
#11
Tert butyl alcohol
Concen: 414.756 ug/l
RT: 3.06 min Scan# 356
Delta R.T. 0.01 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
59	100	633927		
57	9.9		8.4	12.6

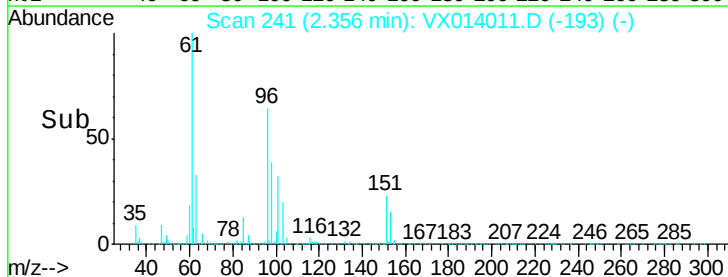
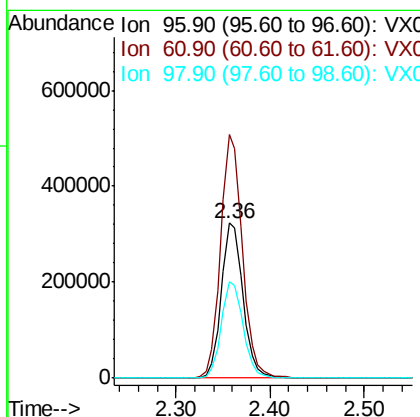
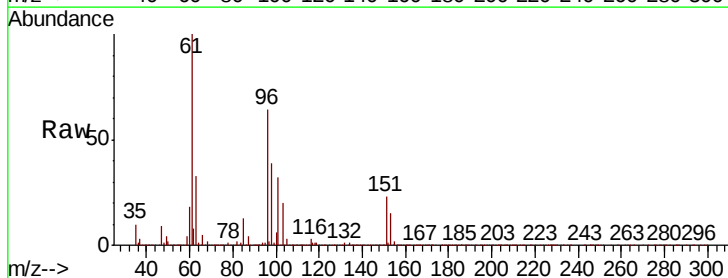
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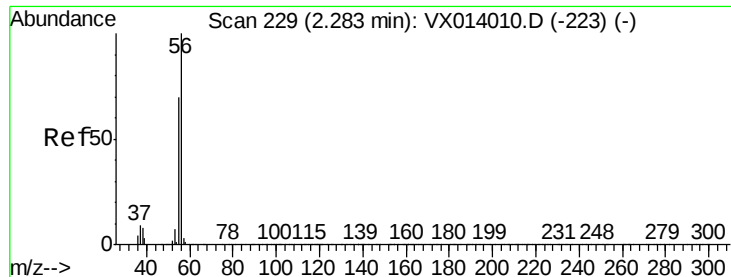
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#12
1,1-Dichloroethene
Concen: 99.112 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	516735		
61	157.1		127.9	191.9
98	61.9		50.5	75.7





#13

Acrolein

Concen: 445.908 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 401218

Ion Ratio Lower Upper

56 100

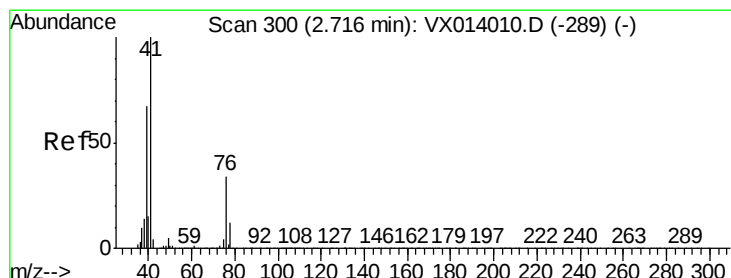
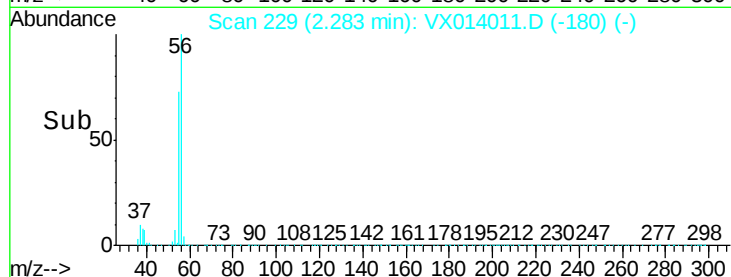
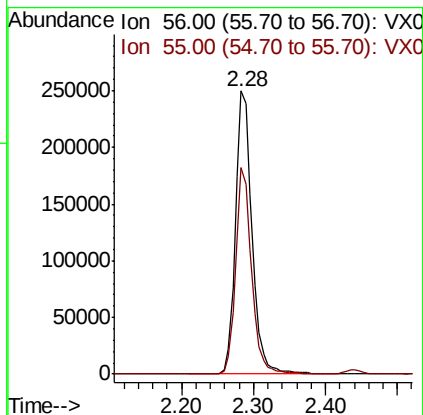
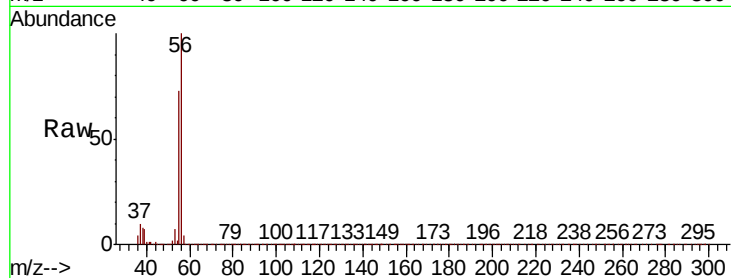
55 69.3 56.9 85.3

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#14

Allyl chloride

Concen: 100.188 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

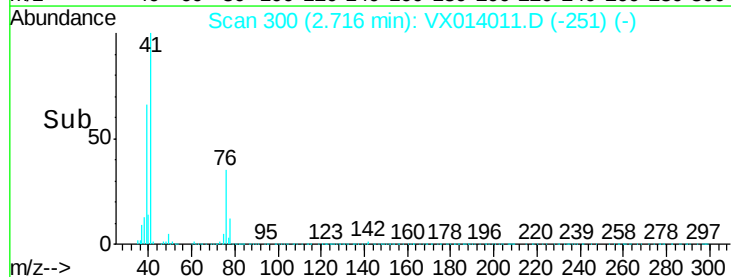
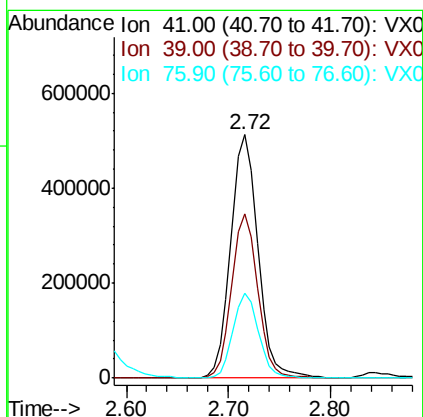
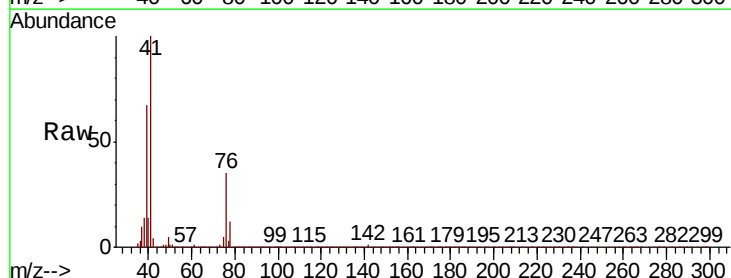
Tgt Ion: 41 Resp: 947139

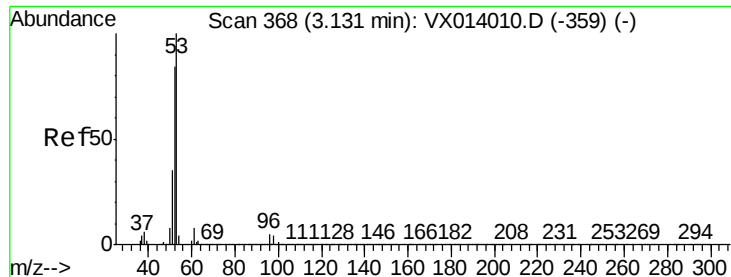
Ion Ratio Lower Upper

41 100

39 64.7 51.8 77.8

76 32.7 25.9 38.9





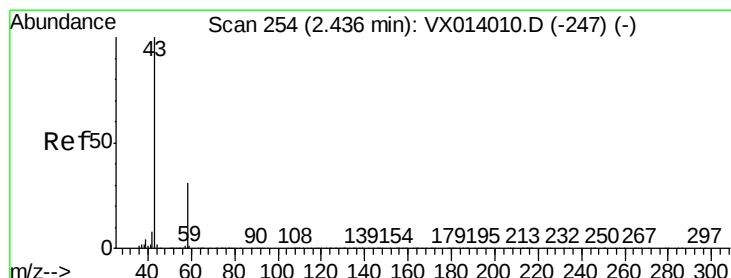
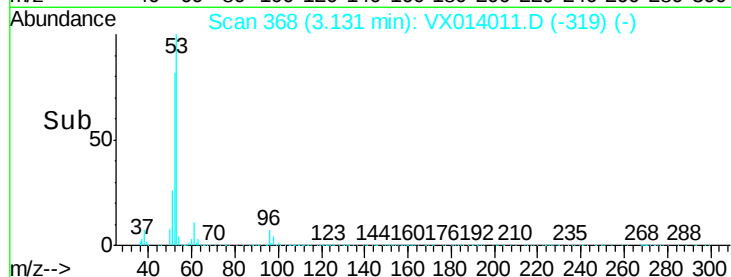
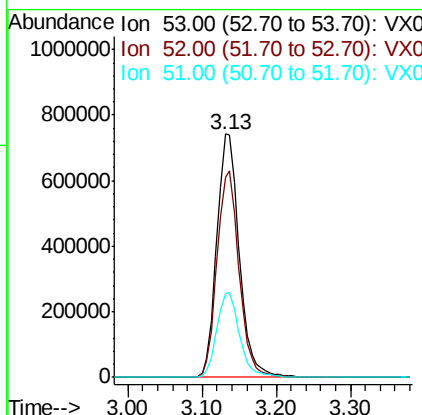
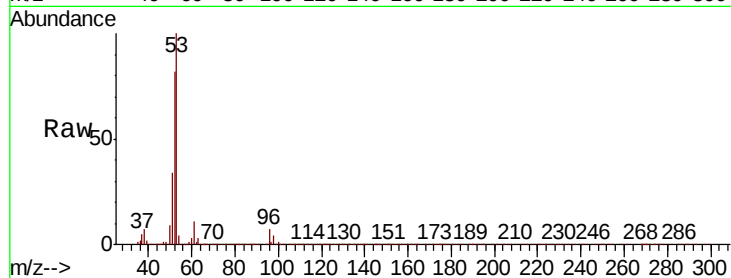
#15
 Acrylonitrile
 Concen: 480.478 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014011.D
 Acq: 13 Dec 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC100

Tot Ion	53	Resp	1544265
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.5	99.7
51	35.3	28.1	42.1

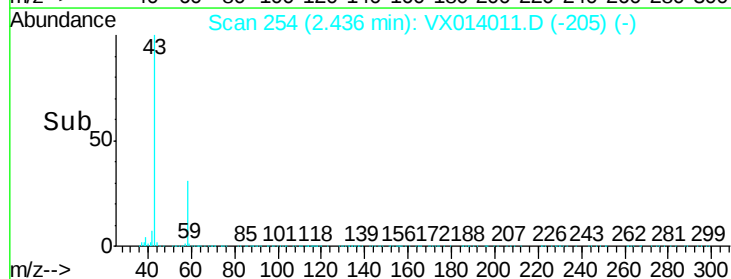
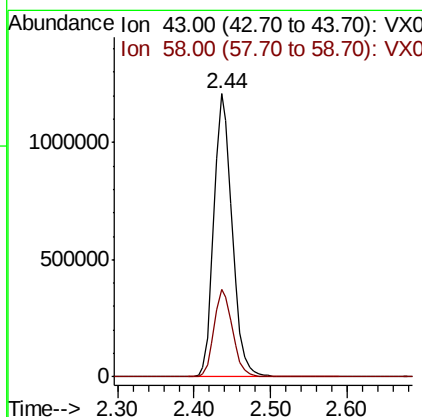
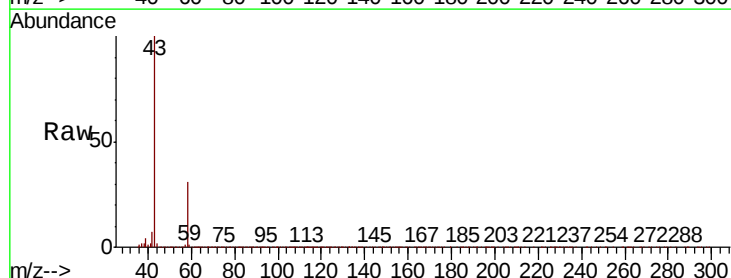
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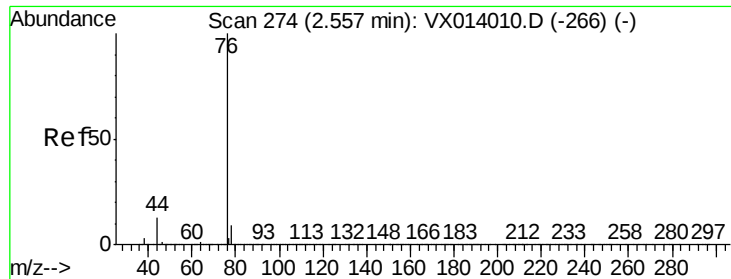
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#16
 Acetone
 Concen: 605.853 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX014011.D
 Acq: 13 Dec 2019 16:22

Tgt Ion	43	Resp	2001144
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.9	37.3





#17

Carbon Disulfide

Concen: 97.584 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 1453335

Ion Ratio Lower Upper

76 100

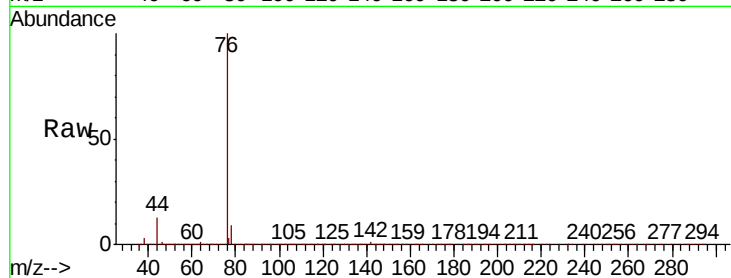
78 9.0 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

1000000

800000

600000

400000

200000

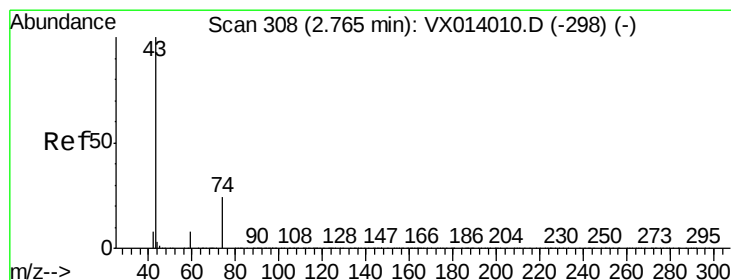
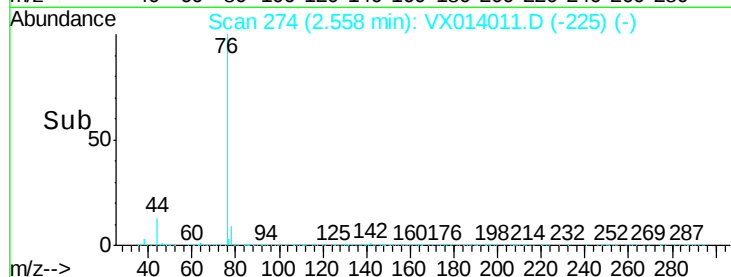
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 93.931 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014011.D

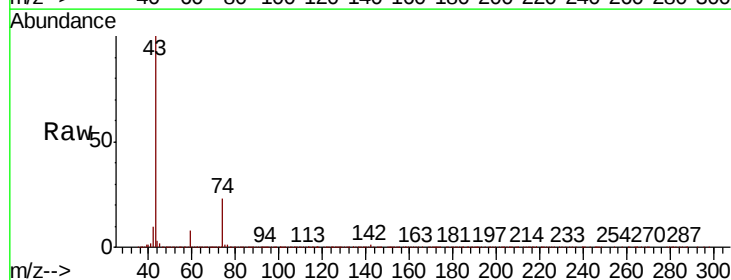
Acq: 13 Dec 2019 16:22

Tgt Ion: 43 Resp: 802431

Ion Ratio Lower Upper

43 100

74 23.3 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

500000

400000

300000

200000

100000

0

Time-->

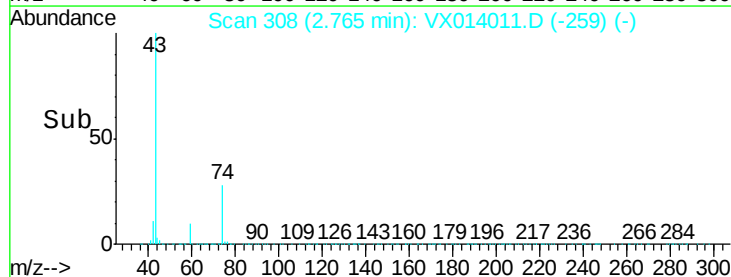
2.65

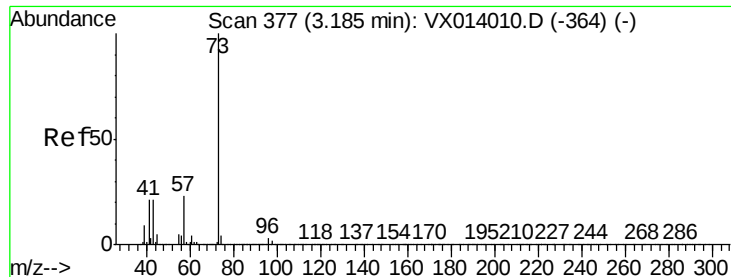
2.70

2.75

2.80

2.85





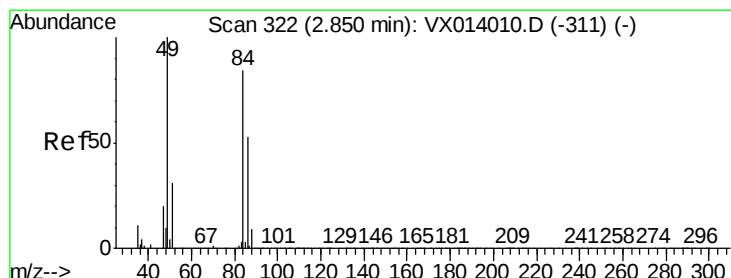
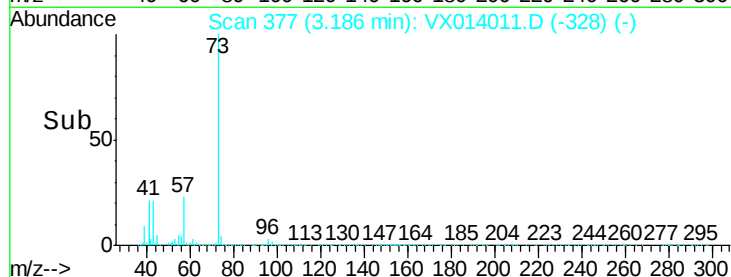
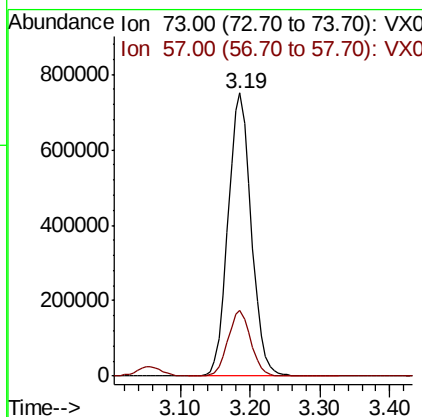
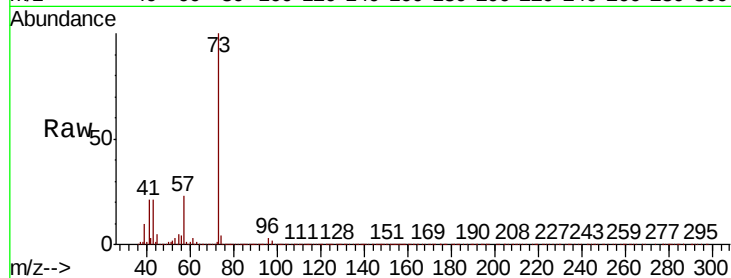
#19
Methvl tert-butvl Ether
Concen: 99.489 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 1721707
Ion Ratio Lower Upper
73 100
57 23.1 18.8 28.2

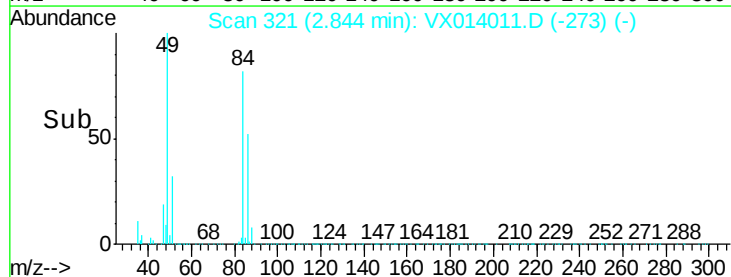
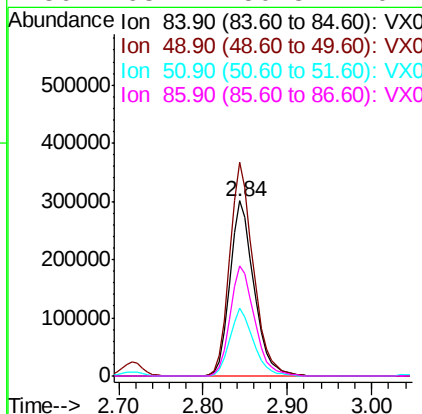
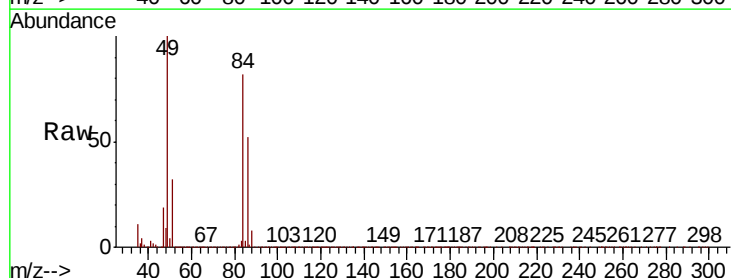
Manual Integrations
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#20
Methylene Chloride
Concen: 96.197 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion: 84 Resp: 582633
Ion Ratio Lower Upper
84 100
49 122.1 95.8 143.6
51 38.7 29.8 44.8
86 63.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 98.204 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

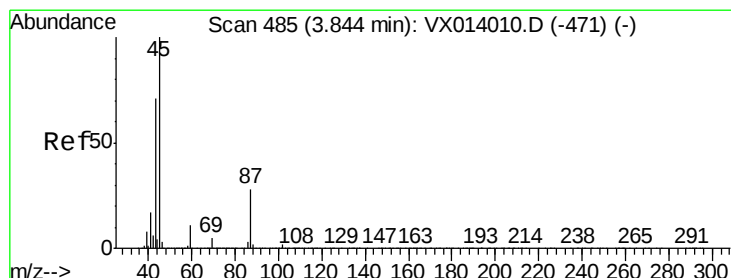
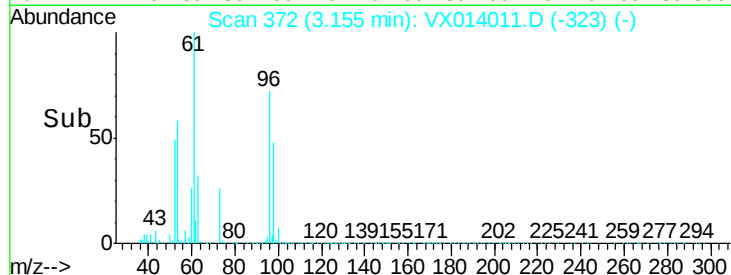
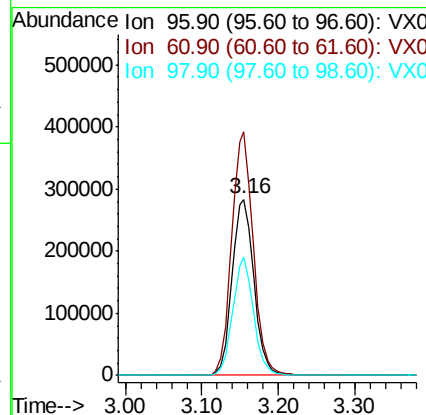
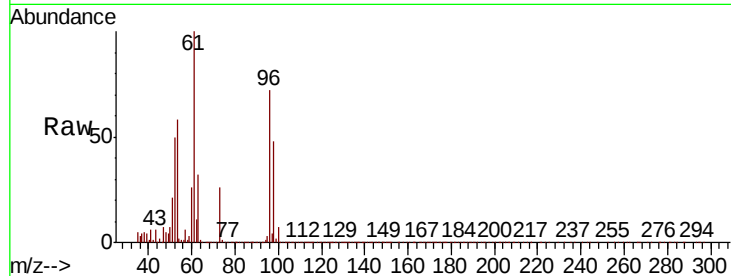
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	558801
Ion Ratio	Lower	Upper	
96	100		
61	138.2	108.3	162.5
98	66.8	50.8	76.2

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#22

Diisopropyl ether

Concen: 100.858 ug/l

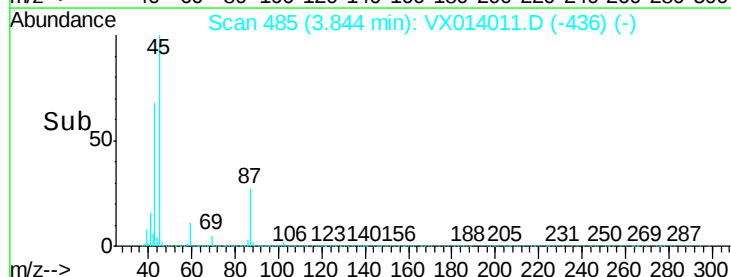
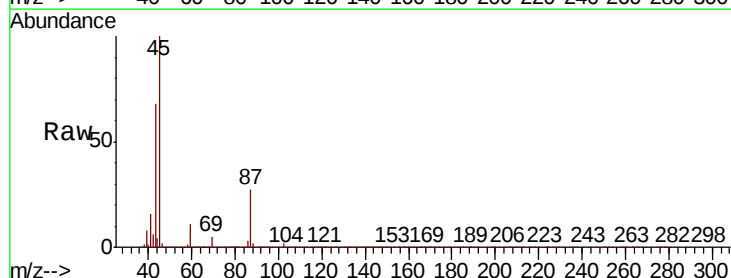
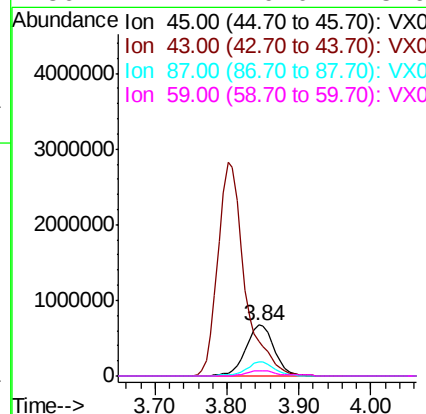
RT: 3.84 min Scan# 485

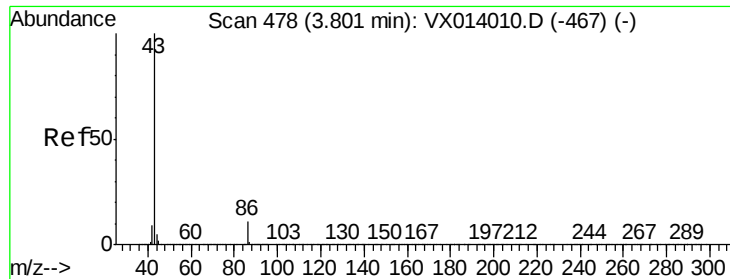
Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Tgt Ion:	45	Resp:	1844772
Ion Ratio	Lower	Upper	
45	100		
43	67.9	57.4	86.0
87	27.3	21.9	32.9
59	11.1	9.0	13.6





#23

Vinyl Acetate

Concen: 482.257 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Tot Ion: 43 Resp: 7323485

Ion Ratio Lower Upper

43 100

86 10.9 8.6 12.8

Instrument :

MSVOA_X

ClientSampleId :

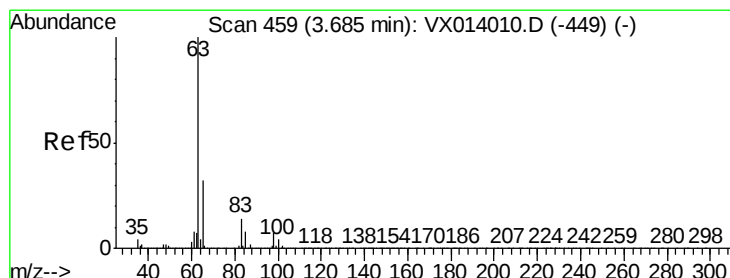
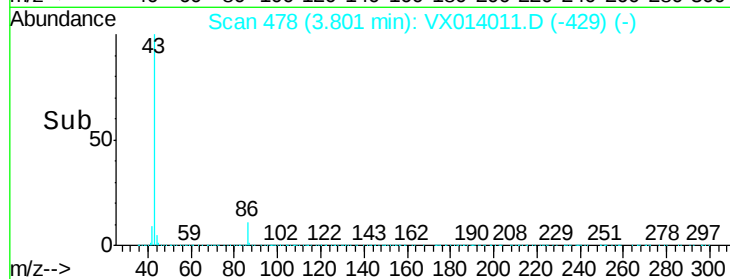
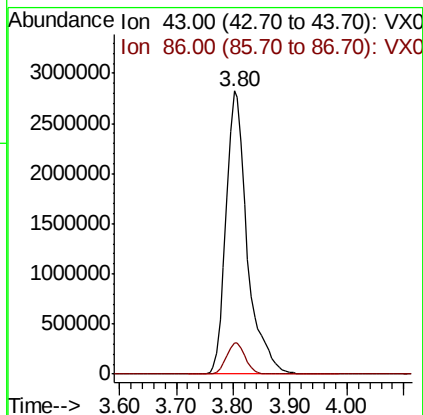
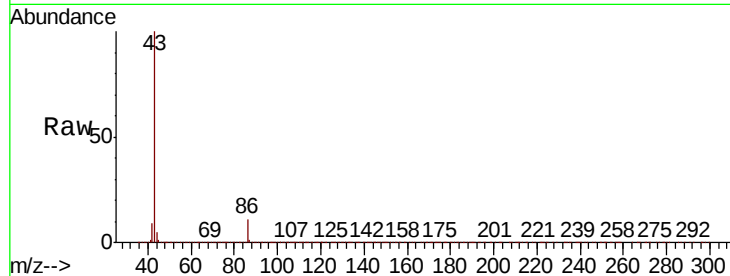
VSTDIC100

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#24

1,1-Dichloroethane

Concen: 101.197 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

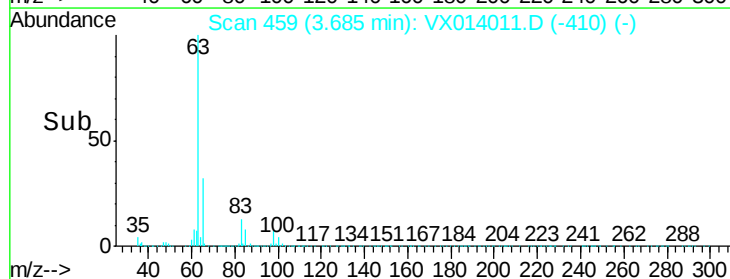
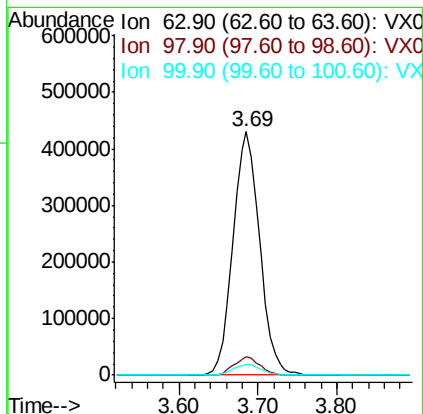
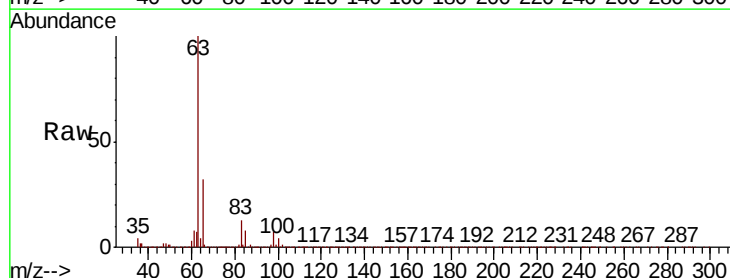
Tgt Ion: 63 Resp: 1011790

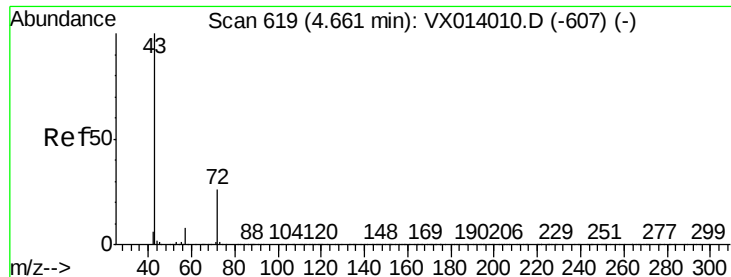
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 530.956 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Tot Ion: 43 Resp: 2502827

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

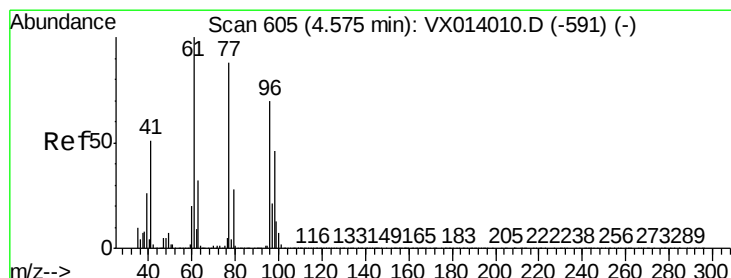
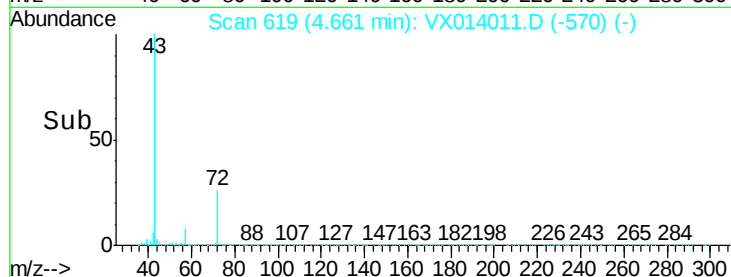
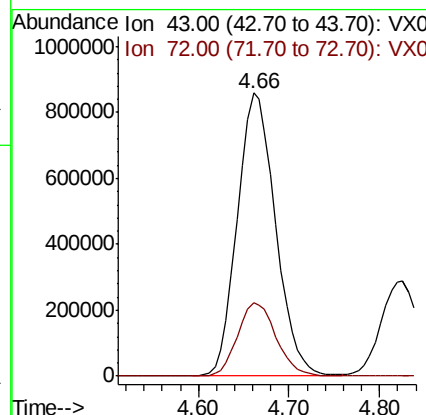
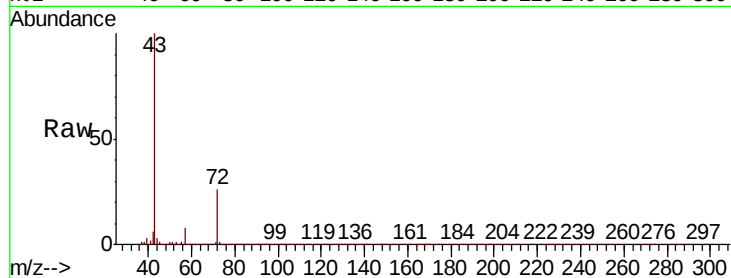
VSTDIC100

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 98.580 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014011.D

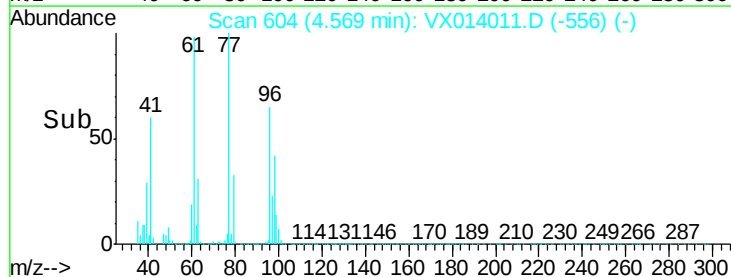
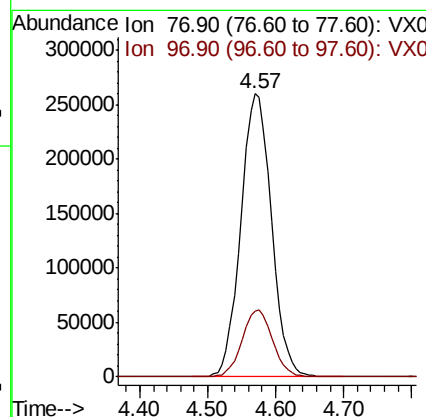
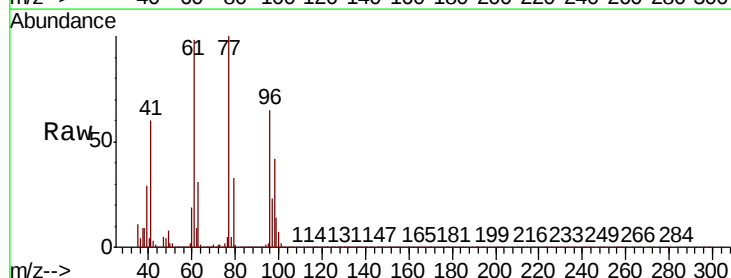
Acq: 13 Dec 2019 16:22

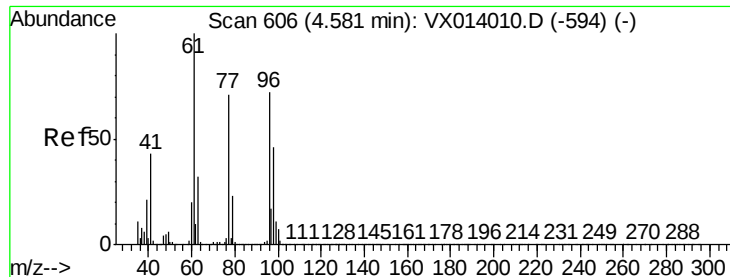
Tgt Ion: 77 Resp: 812194

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.9





#27

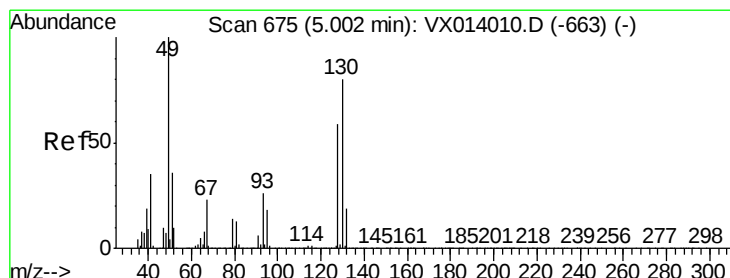
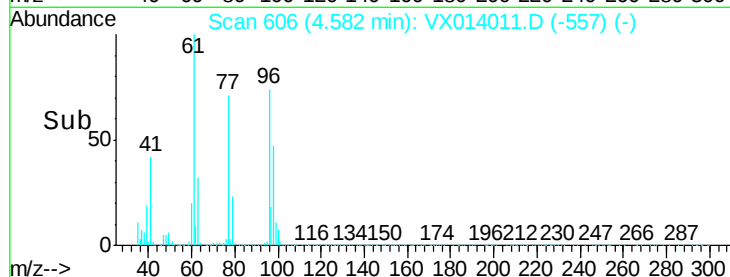
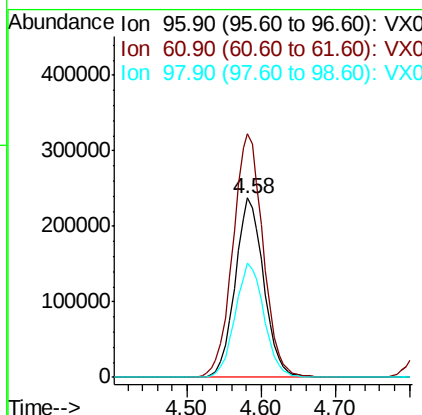
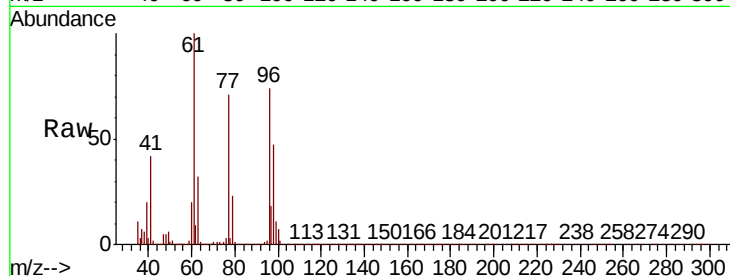
cis-1,2-Dichloroethene
Concen: 97.865 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	288.4
98	64.6	0.0	129.6

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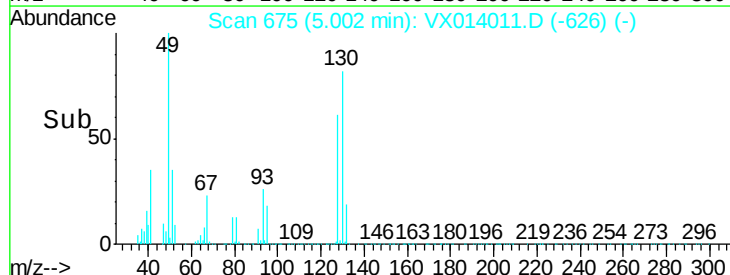
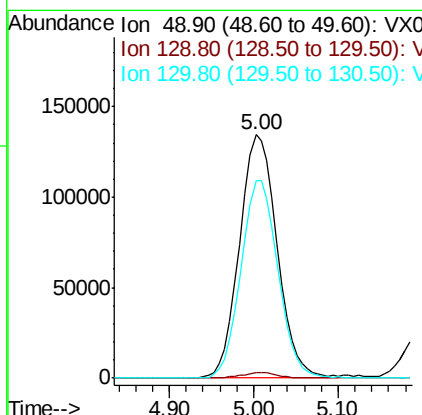
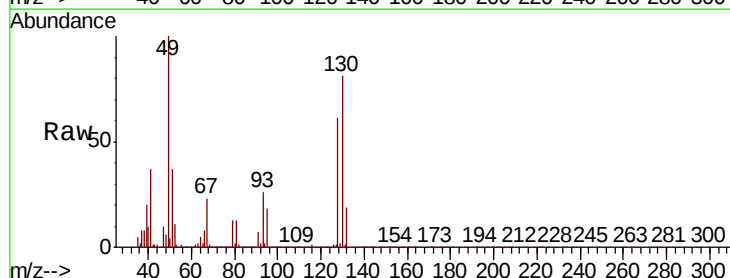
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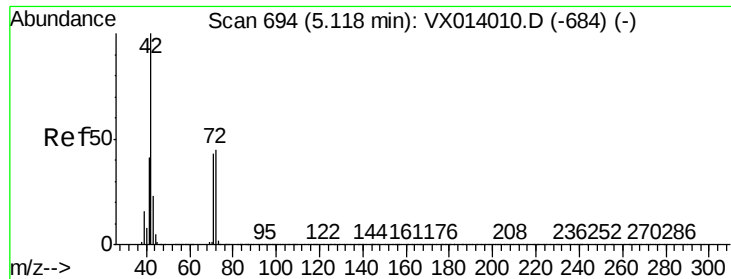


#28

Bromochloromethane
Concen: 115.327 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	80.0	64.6	97.0





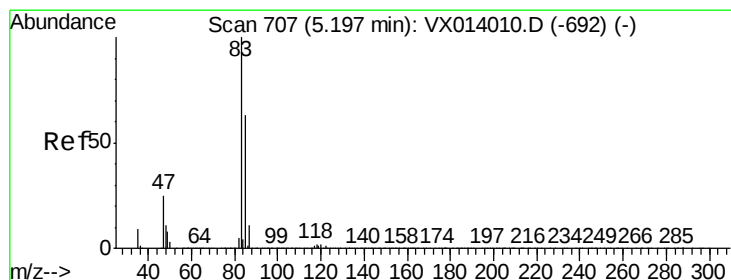
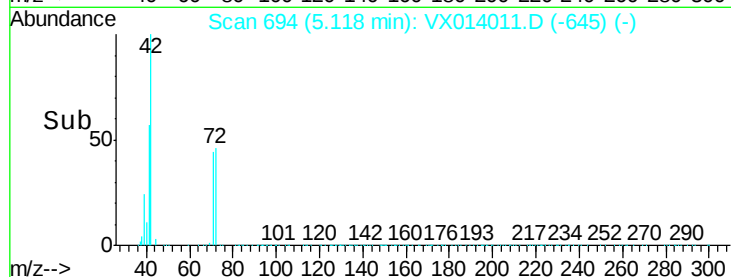
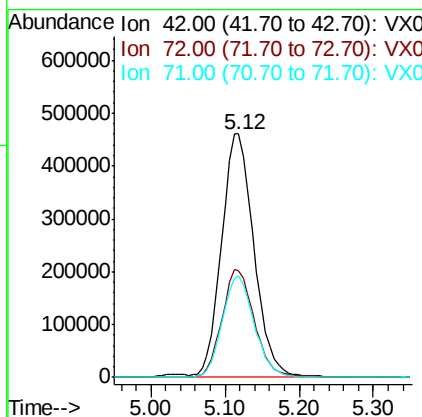
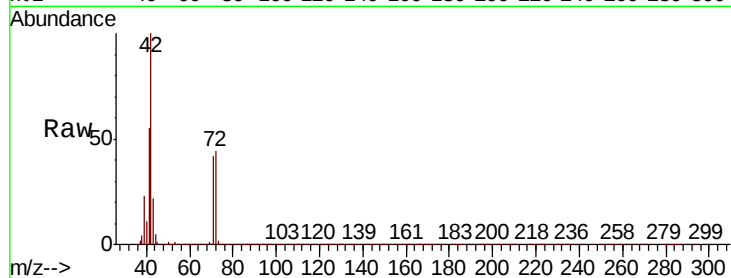
#29
Tetrahydrofuran
Concen: 488.481 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 42 Resp: 1387997
Ion Ratio Lower Upper
42 100
72 44.7 35.8 53.8
71 41.5 33.6 50.4

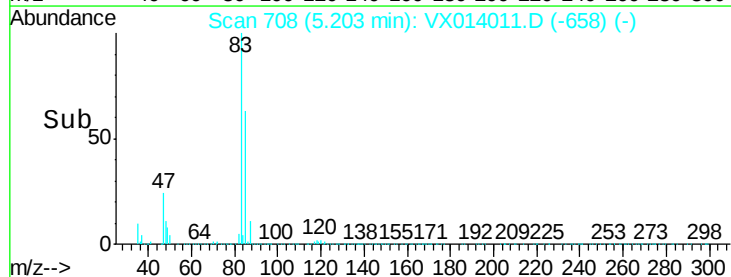
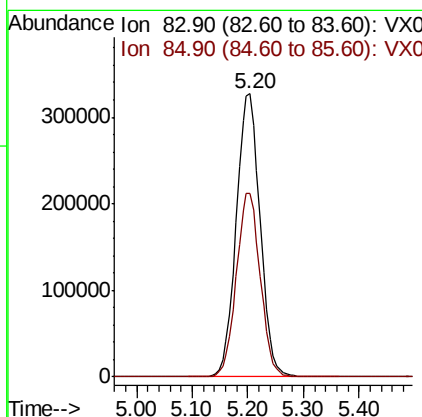
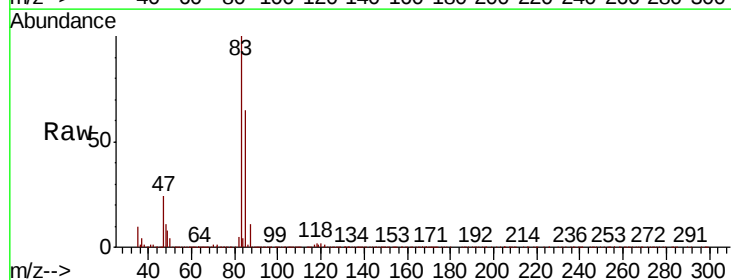
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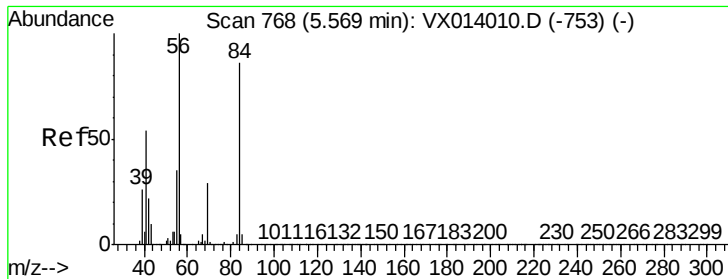
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#30
Chloroform
Concen: 95.658 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion: 83 Resp: 968045
Ion Ratio Lower Upper
83 100
85 65.1 50.8 76.2





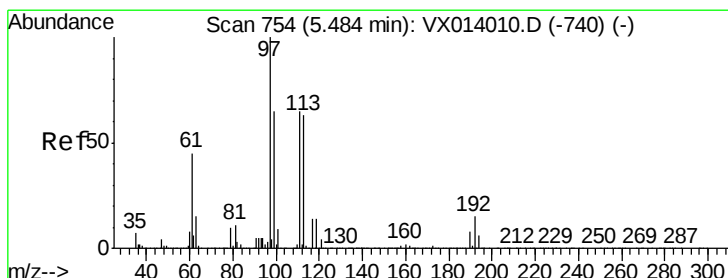
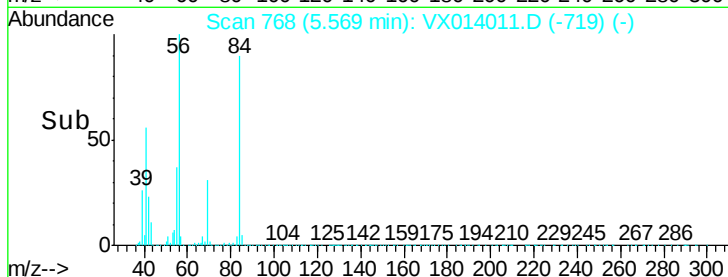
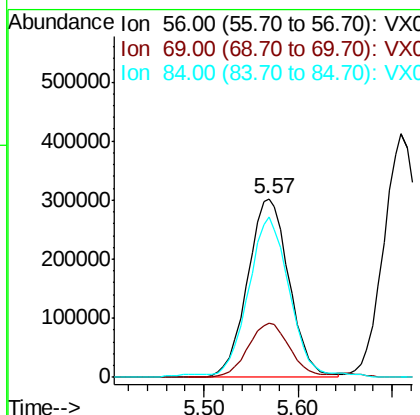
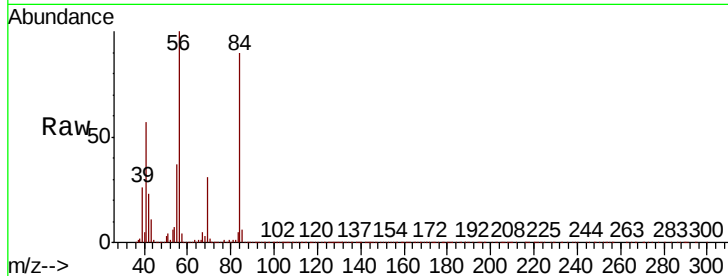
#31
Cyclohexane
Concen: 98.286 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.2	34.8
84	88.4	69.2	103.8

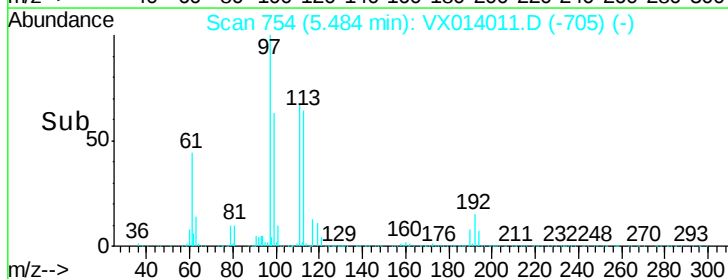
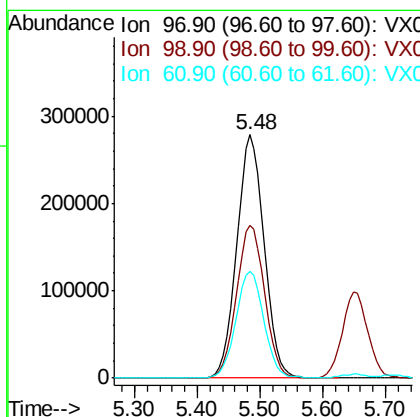
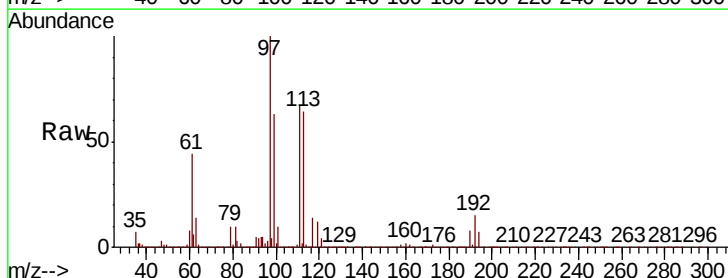
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#32
1,1,1-Trichloroethane
Concen: 99.181 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.0	78.0
61	44.8	36.7	55.1





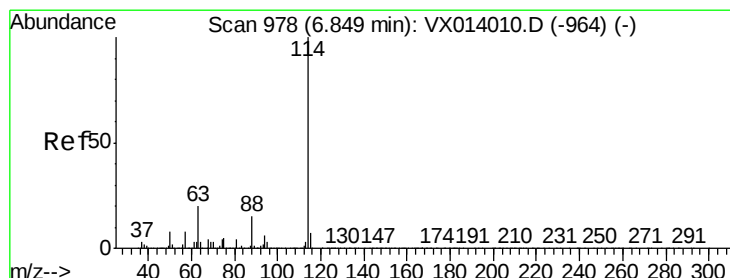
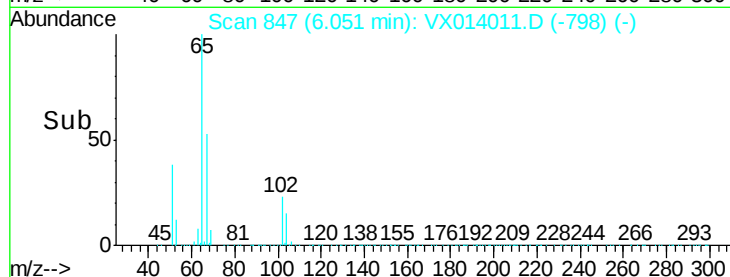
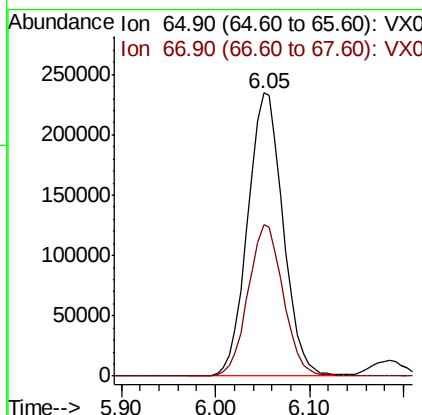
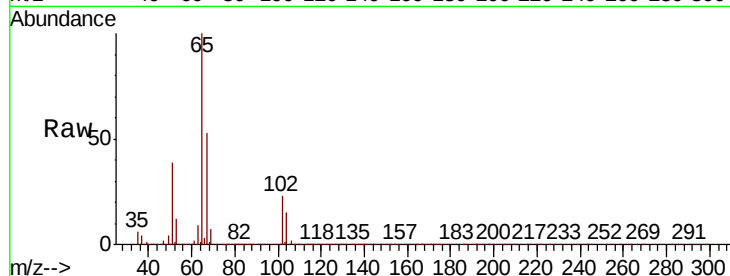
#33
 1,2-Dichloroethane-d4
 Concen: 96.860 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014011.D
 Acq: 13 Dec 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	617981		
67	53.0	0.0	106.4	

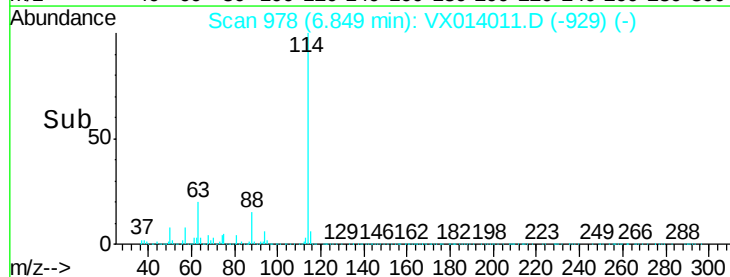
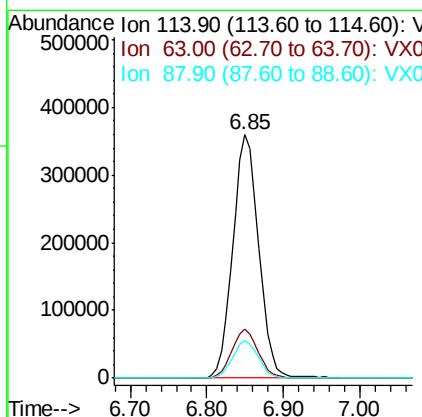
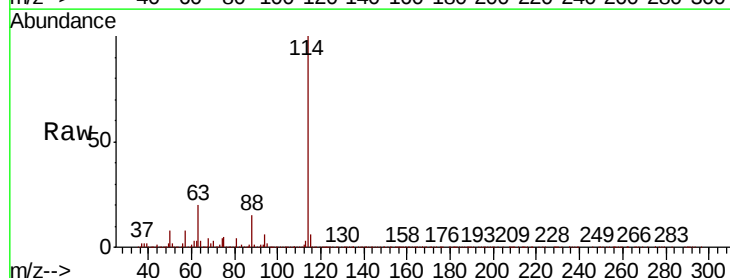
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014011.D
 Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	843362		
63	20.2	0.0	40.8	
88	15.4	0.0	30.4	





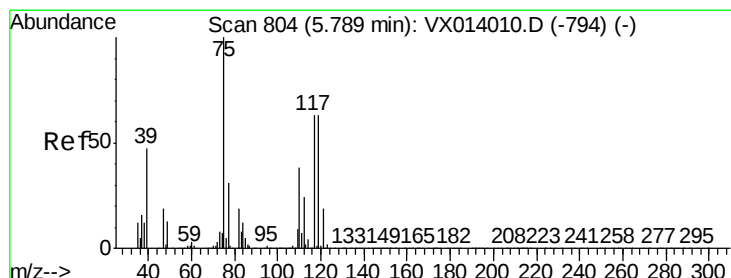
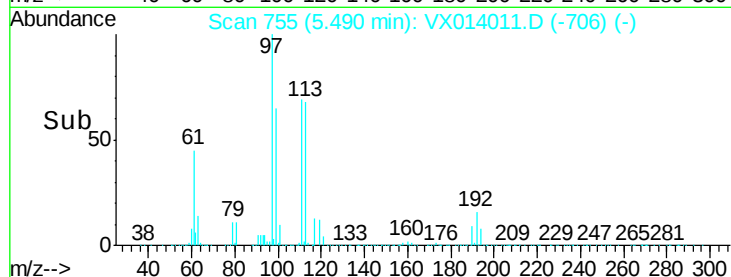
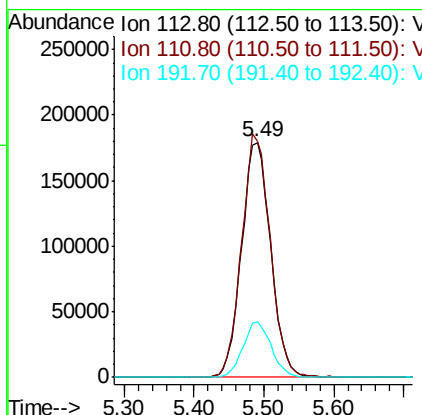
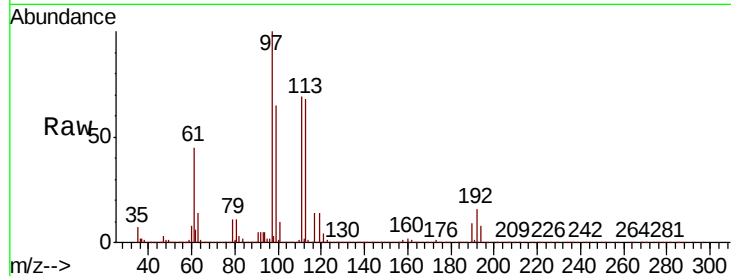
#35
Dibromofluoromethane
Concen: 98.617 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	516920		
111	101.8	82.0	123.0	
192	23.1	19.3	28.9	

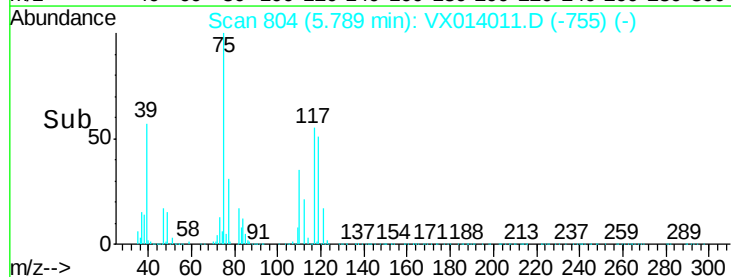
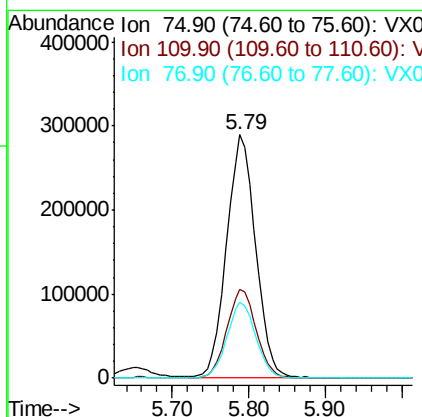
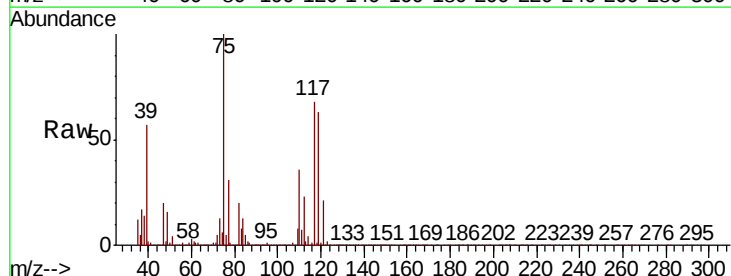
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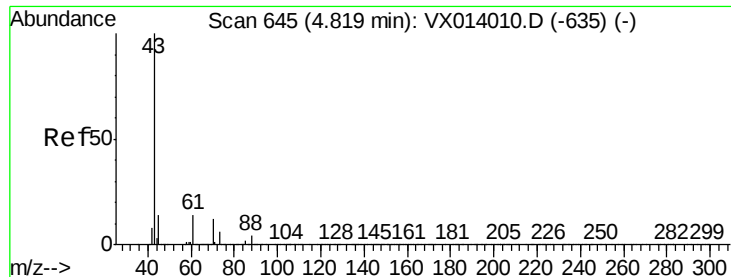
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#36
1,1-Dichloropropene
Concen: 99.053 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	758845		
110	37.0	18.3	54.9	
77	30.9	24.8	37.2	





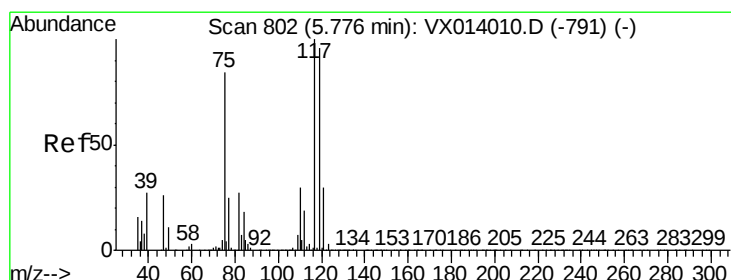
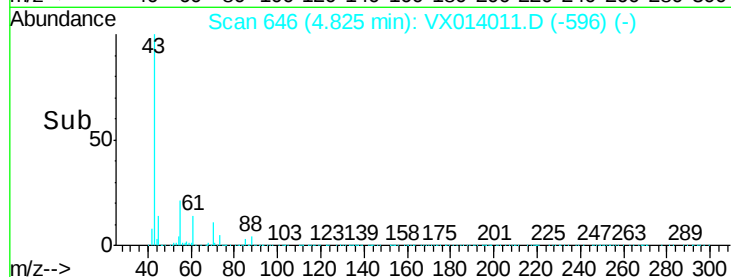
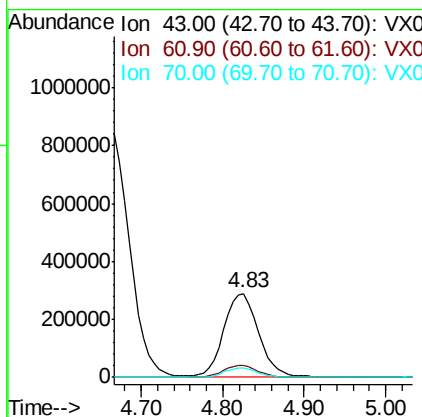
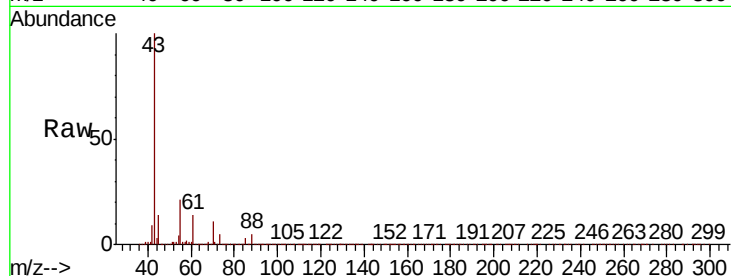
#37
Ethyl Acetate
Concen: 99.635 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	43	Resp	851531
Ion Ratio	Lower	Upper	
43	100		
61	13.9	10.8	16.2
70	10.7	8.6	12.8

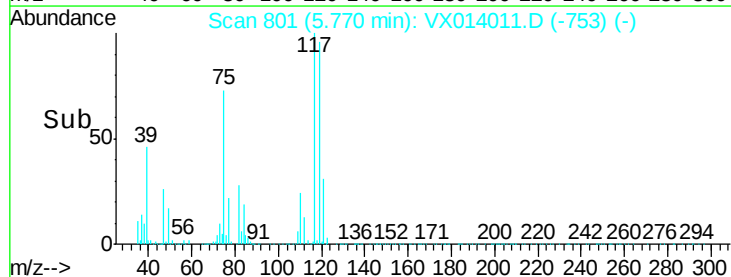
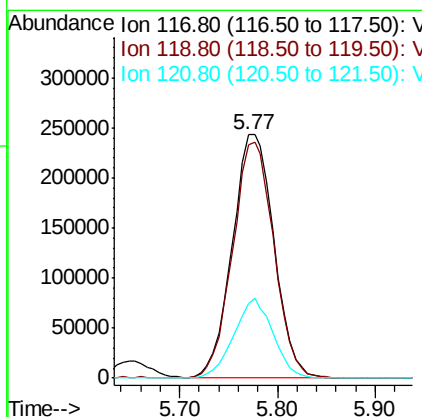
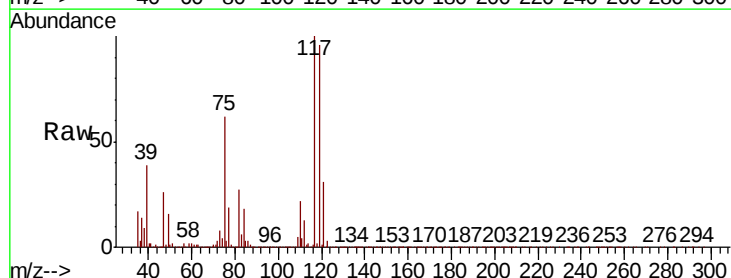
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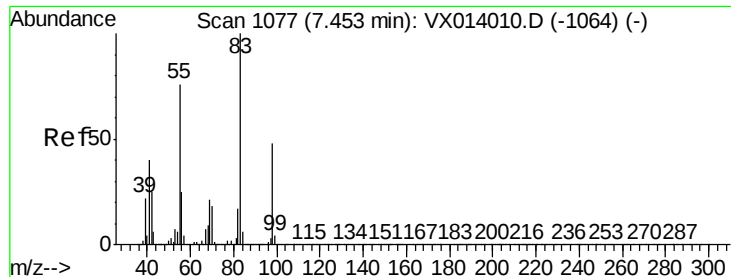
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#38
Carbon Tetrachloride
Concen: 101.788 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion	117	Resp	719273
Ion Ratio	Lower	Upper	
117	100		
119	95.7	76.2	114.4
121	30.5	23.6	35.4





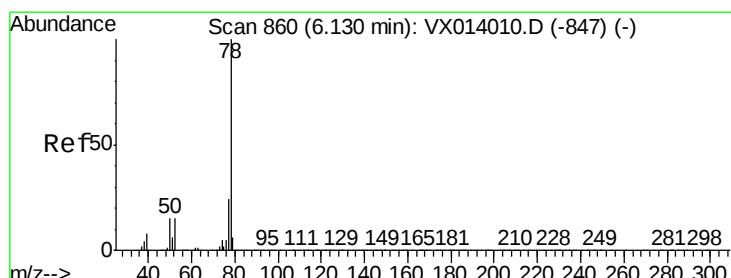
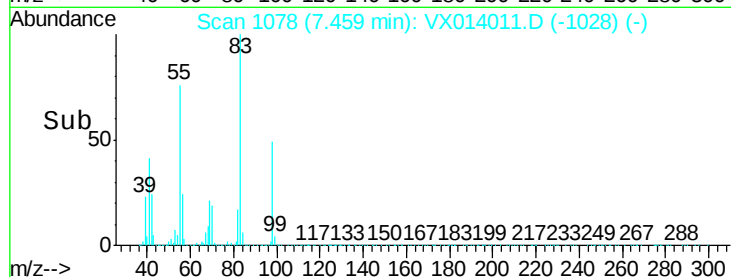
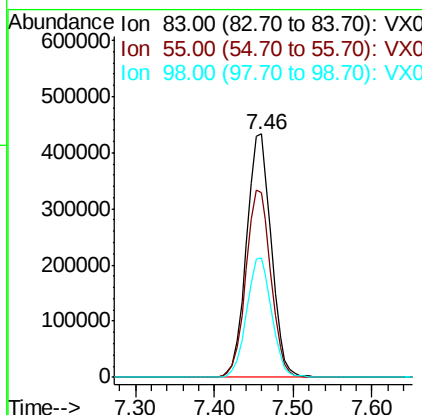
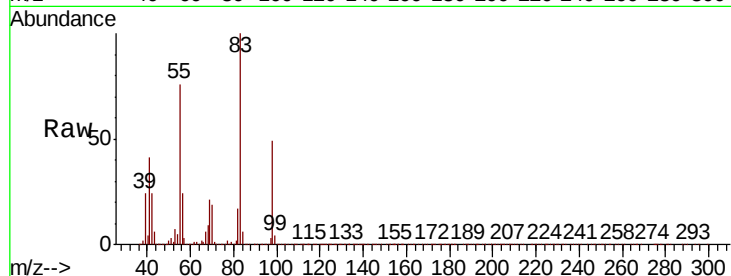
#39
Methvlcvclohexane
Concen: 99.629 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	945088		
55	75.8	61.0	91.6	
98	49.1	38.6	57.8	

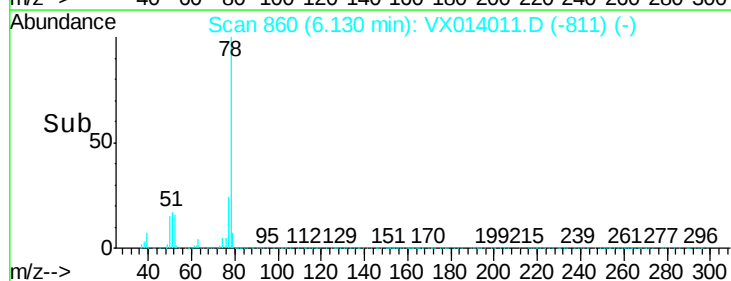
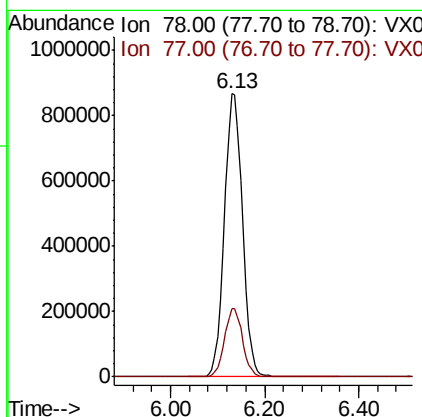
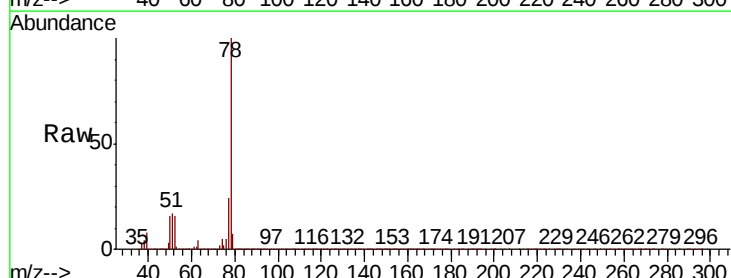
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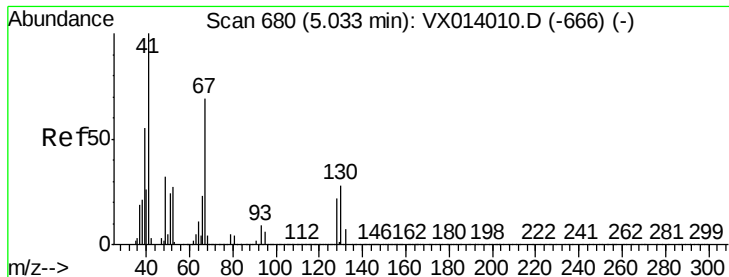
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#40
Benzene
Concen: 98.745 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	2308856		
77	24.3	18.8	28.2	





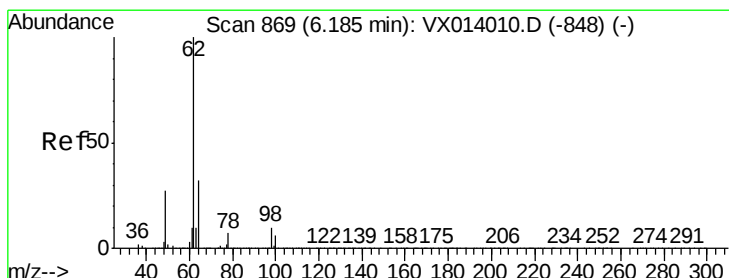
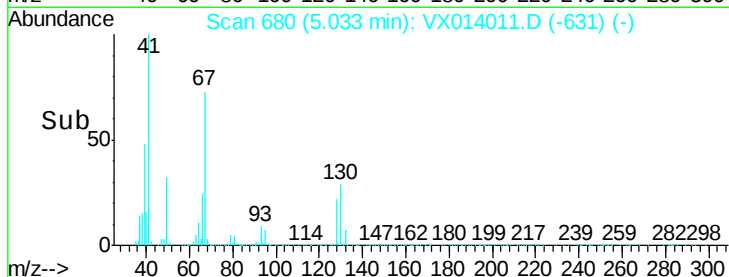
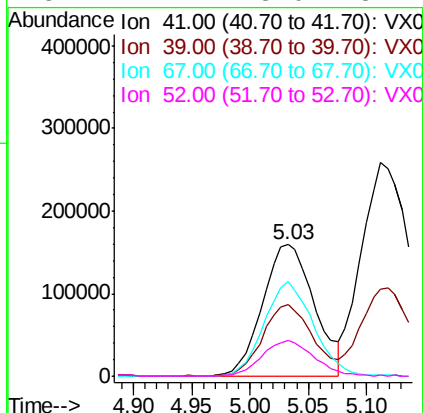
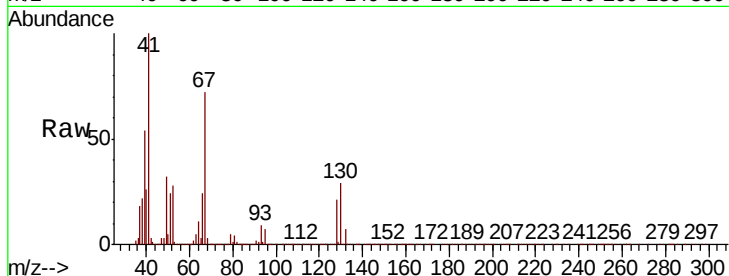
#41
Methacrylonitrile
Concen: 105.173 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.5	44.5	66.7	
67	68.7	57.4	86.0	
52	27.1	23.0	34.4	

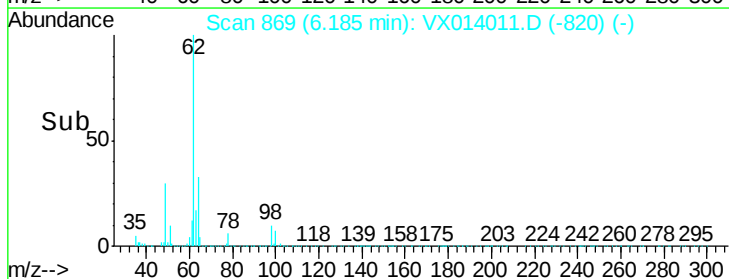
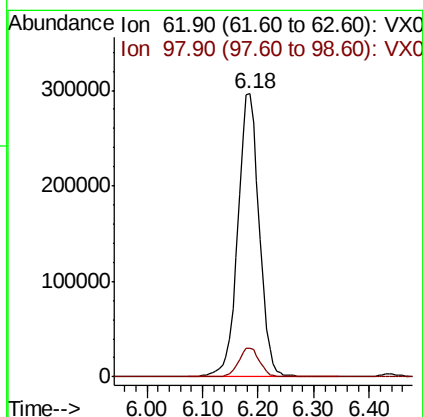
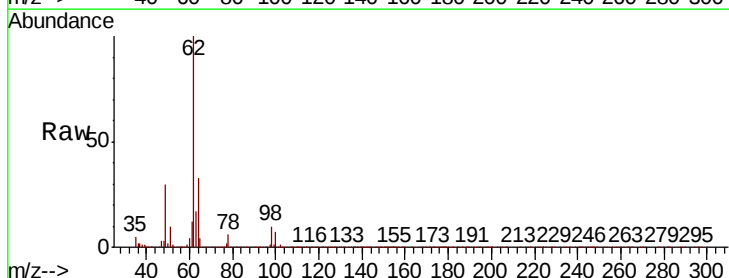
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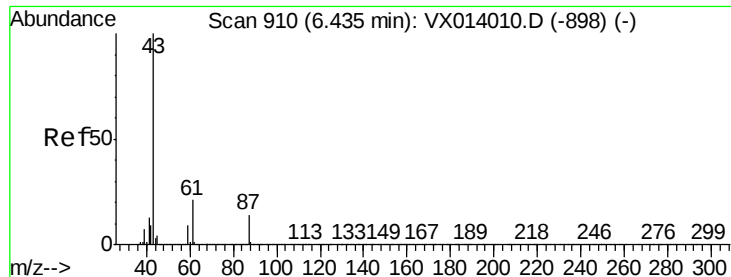
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#42
1,2-Dichloroethane
Concen: 98.762 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	21.0	





#43

Isopropyl Acetate

Concen: 102.057 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

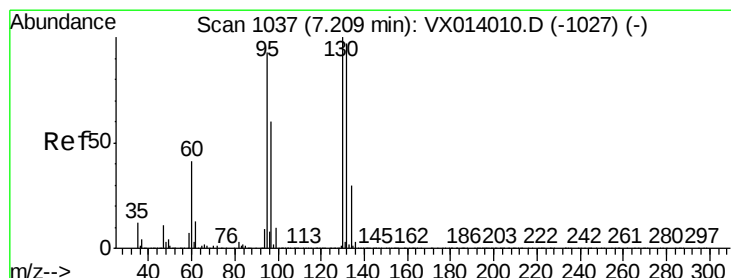
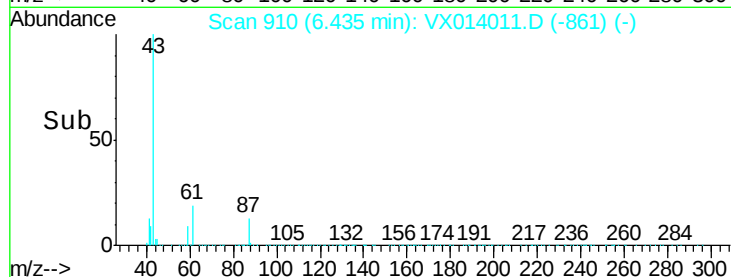
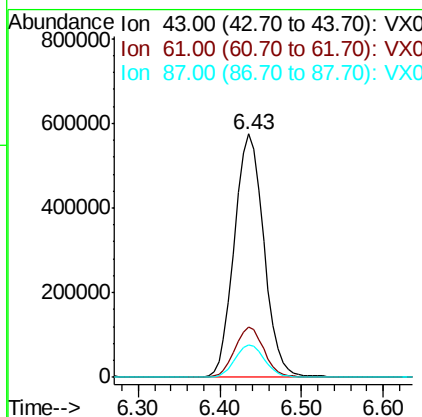
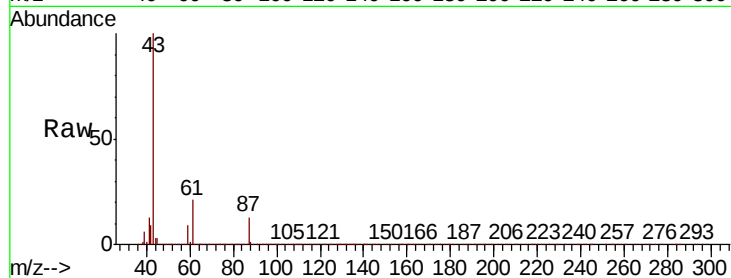
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	1440737
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.4	24.6
87	13.2	10.7	16.1

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#44

Trichloroethene

Concen: 98.707 ug/l

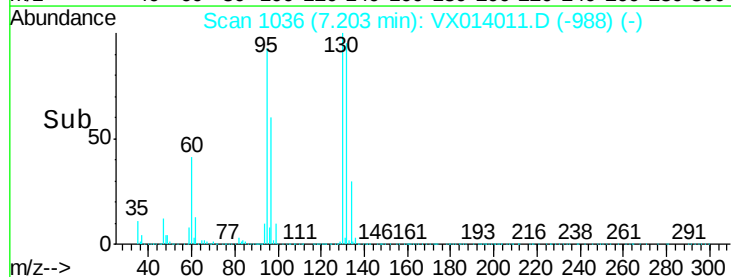
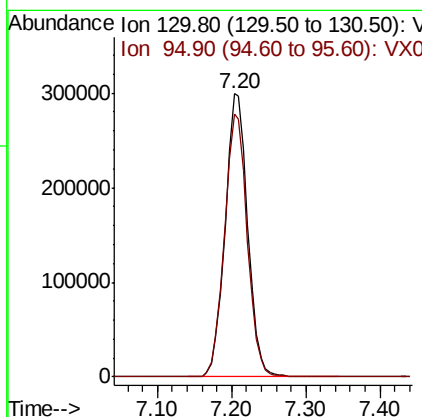
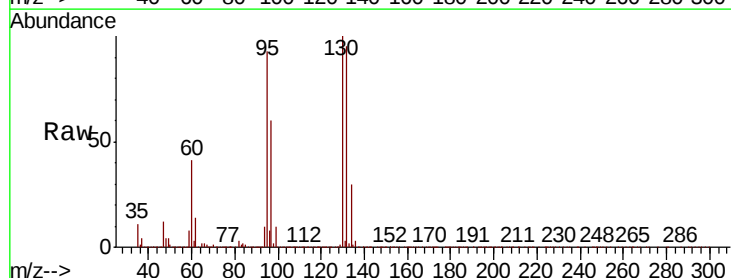
RT: 7.20 min Scan# 1036

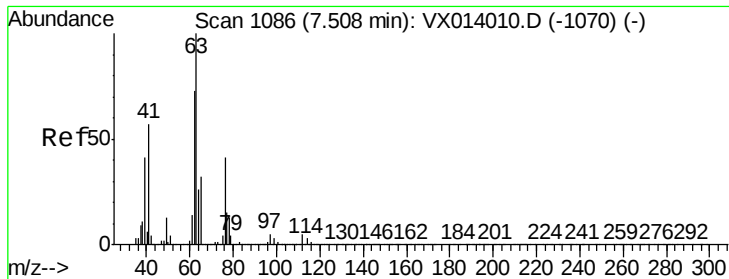
Delta R.T. -0.01 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Tgt Ion:	130	Resp:	631114
Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	185.6





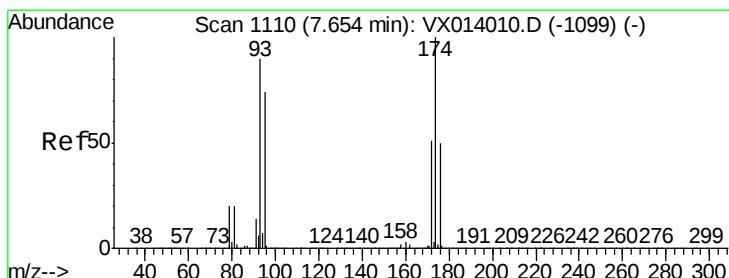
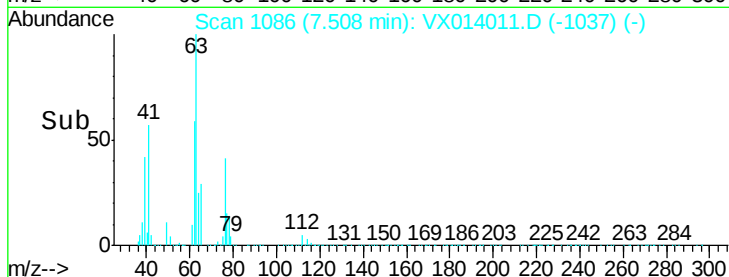
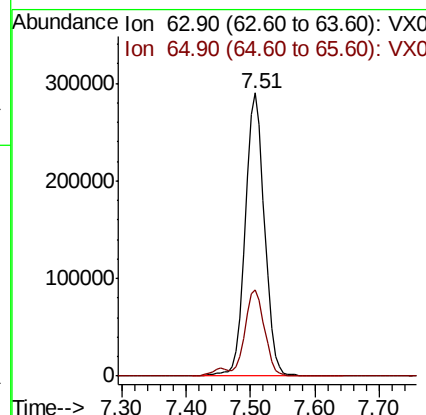
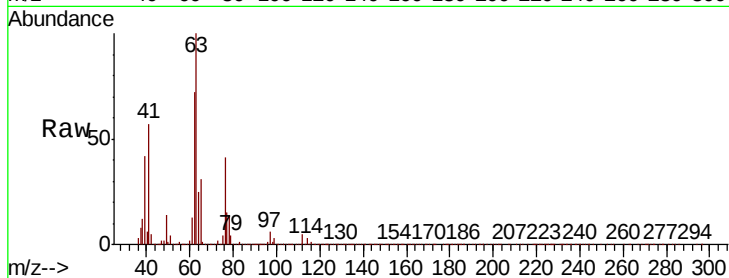
#45
 1,2-Dichloropropane
 Concen: 101.971 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014011.D
 Acq: 13 Dec 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	25.8	38.8

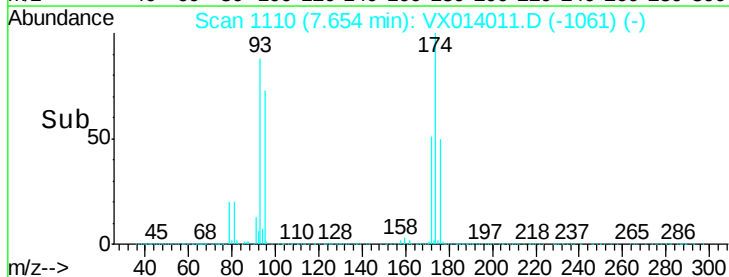
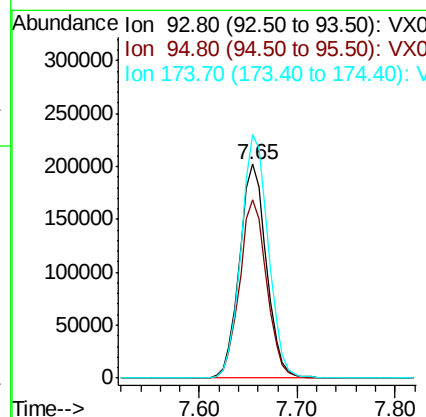
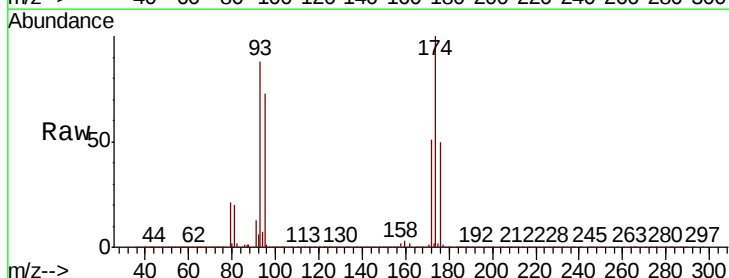
Manual Integrations
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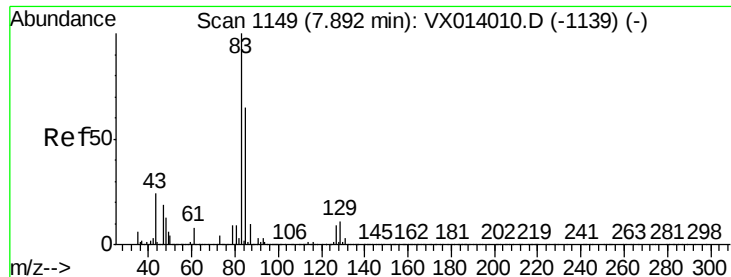
apatel
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#46
 Dibromomethane
 Concen: 96.955 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014011.D
 Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	67.3	100.9
174	116.0	91.6	137.4





#47

Bromodichloromethane

Concen: 103.479 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

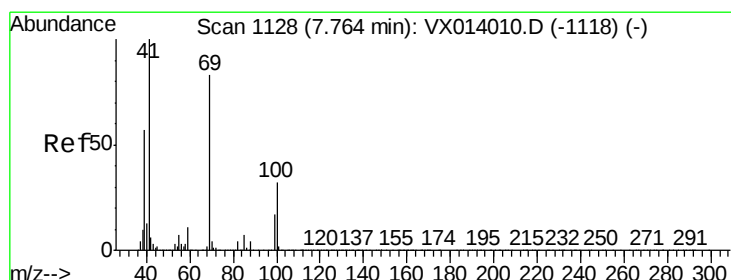
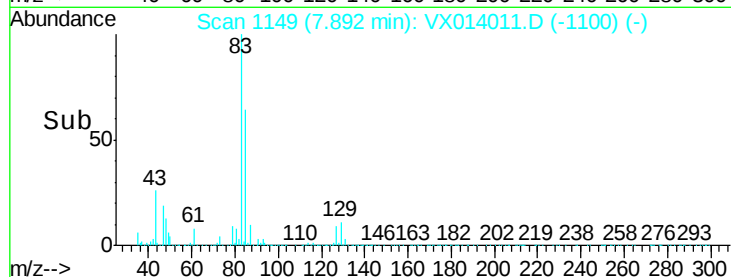
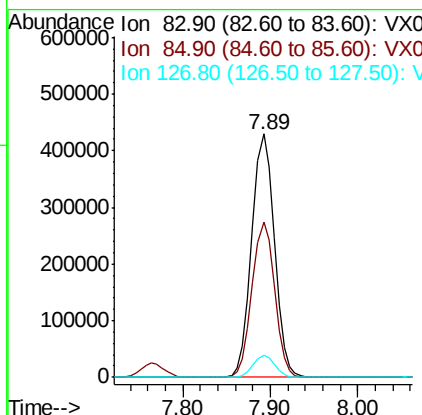
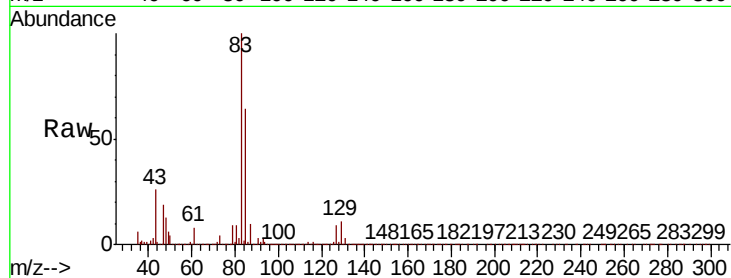
ClientSampleId :

VSTDICC100

Tot Ion	83	Resp	775778
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.8	77.8
127	8.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 104.318 ug/l

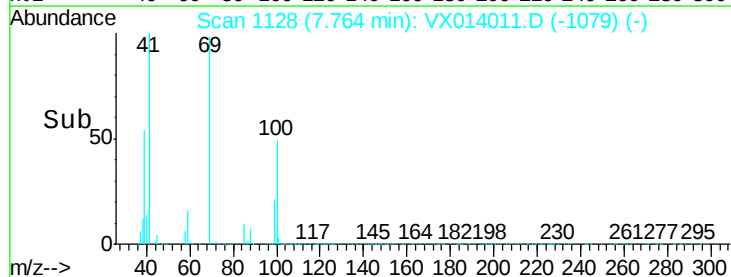
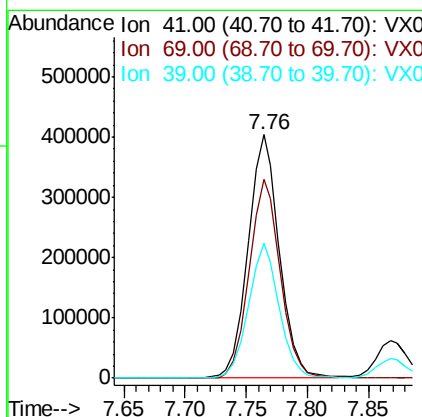
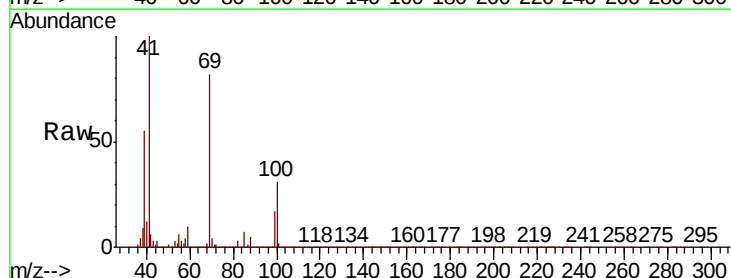
RT: 7.76 min Scan# 1128

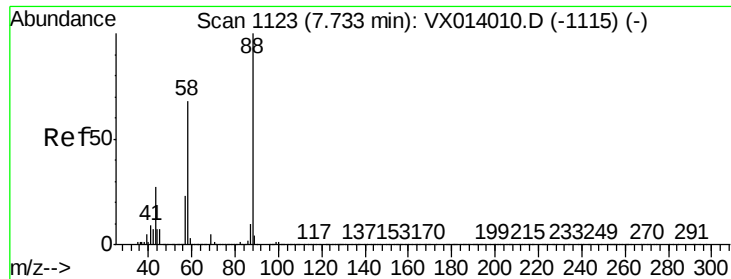
Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Tgt Ion	41	Resp	713945
Ion Ratio	Lower	Upper	
41	100		
69	81.8	65.8	98.6
39	54.4	44.6	67.0





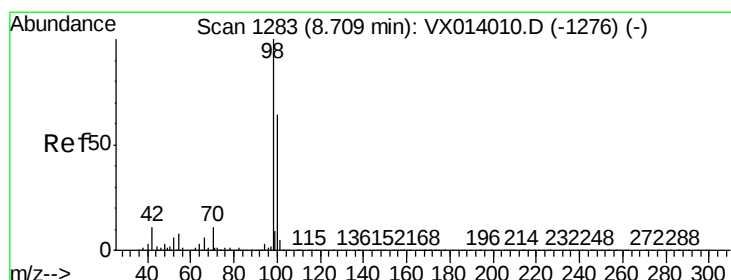
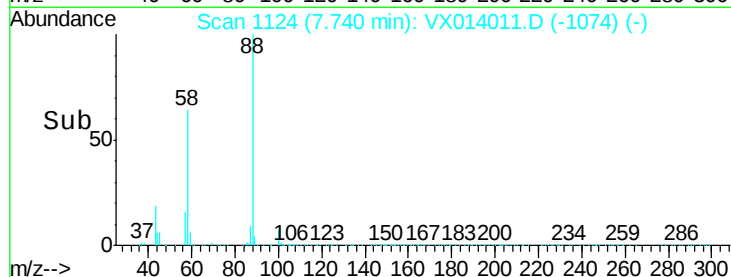
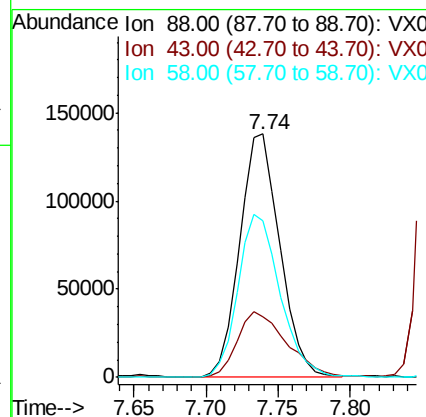
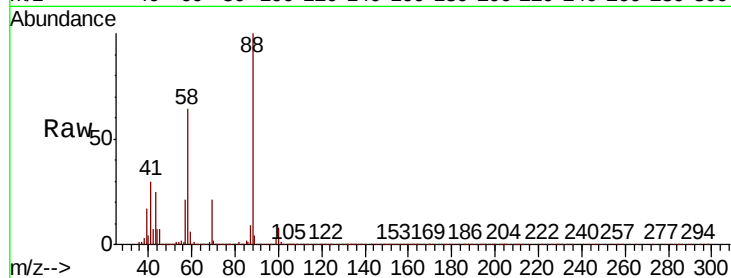
#49
1,4-Dioxane
Concen: 1767.914 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.5	39.7
58	70.5	56.8	85.2

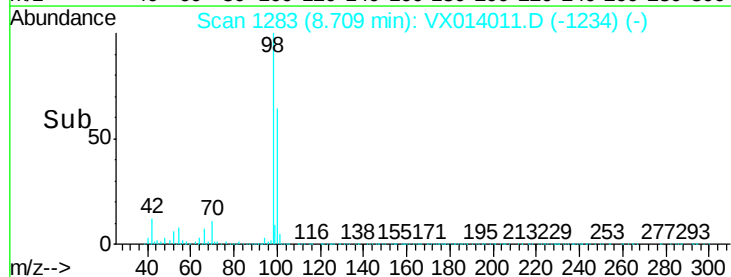
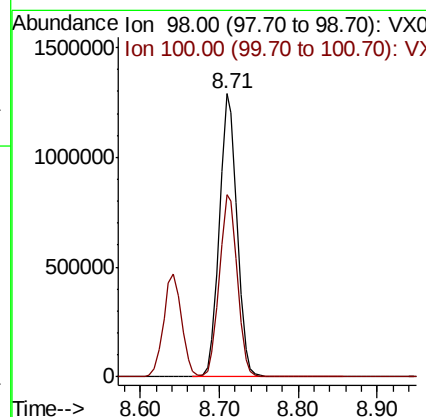
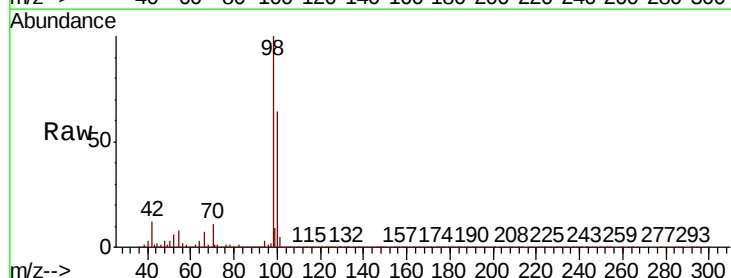
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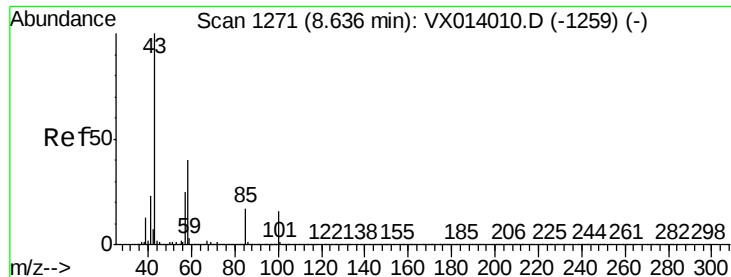
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#50
Toluene-d8
Concen: 97.932 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 502.518 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 4454422

Ion Ratio Lower Upper

43 100

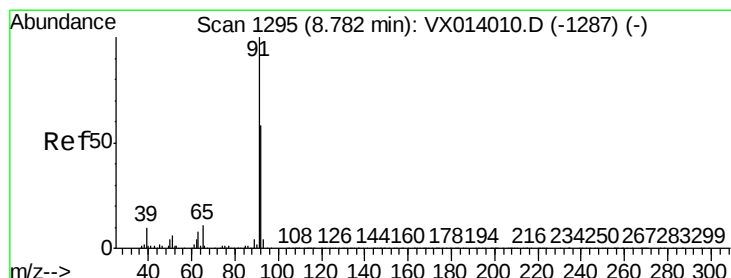
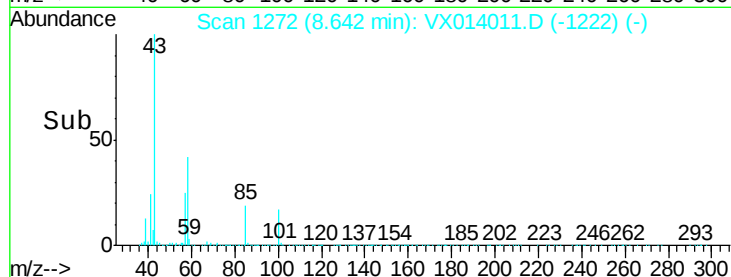
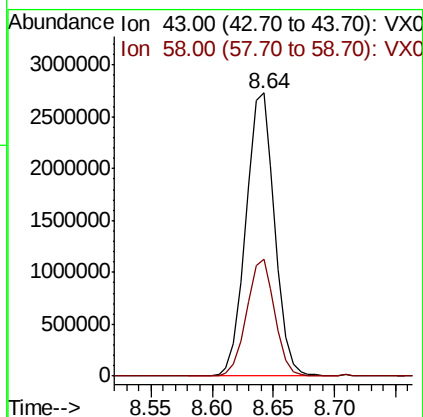
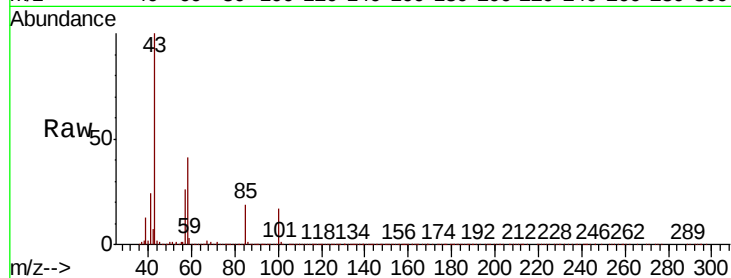
58 40.5 32.2 48.2

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#52

Toluene

Concen: 99.705 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014011.D

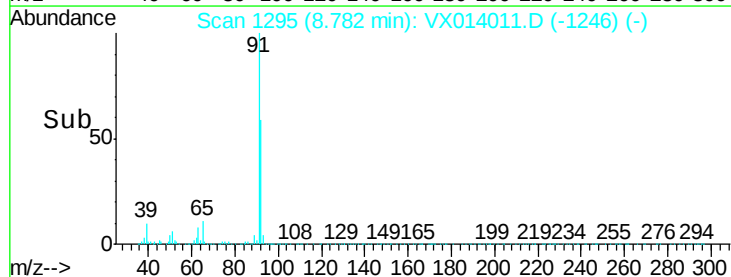
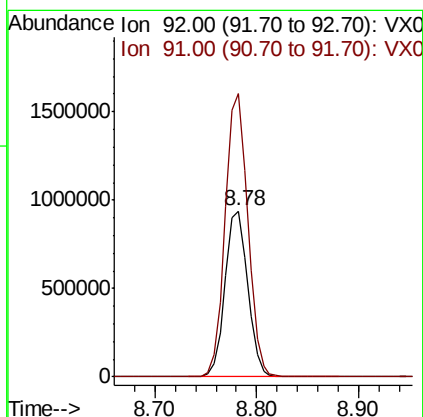
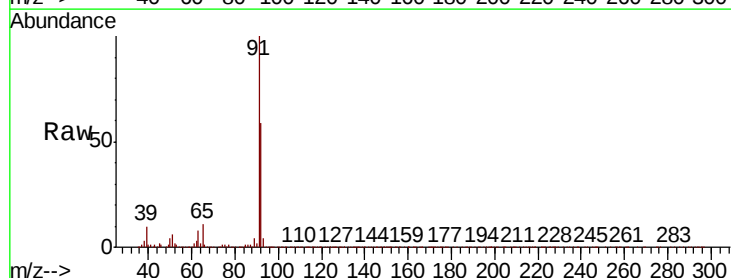
Acq: 13 Dec 2019 16:22

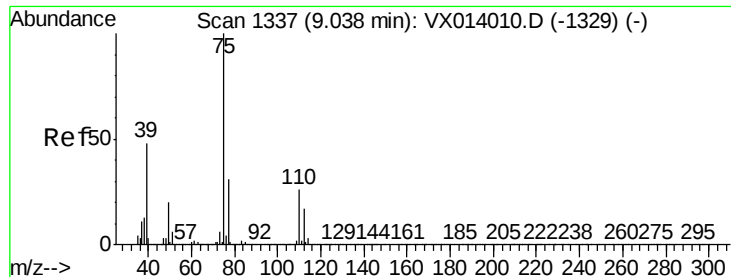
Tgt Ion: 92 Resp: 1450176

Ion Ratio Lower Upper

92 100

91 170.2 136.2 204.4





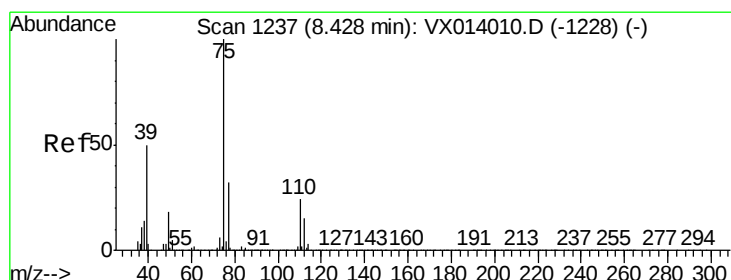
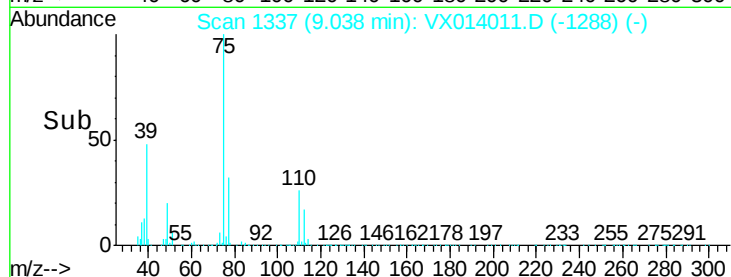
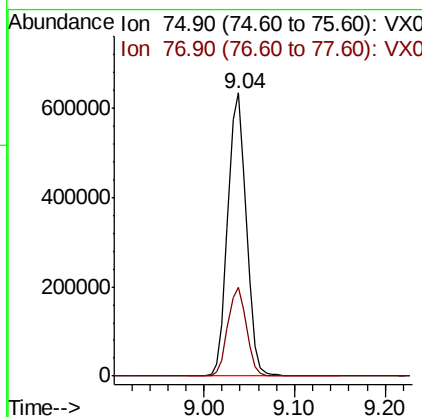
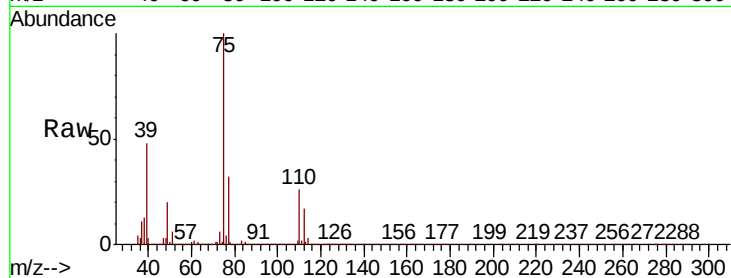
#53
t-1,3-Dichloropropene
Concen: 105.583 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.1	37.7

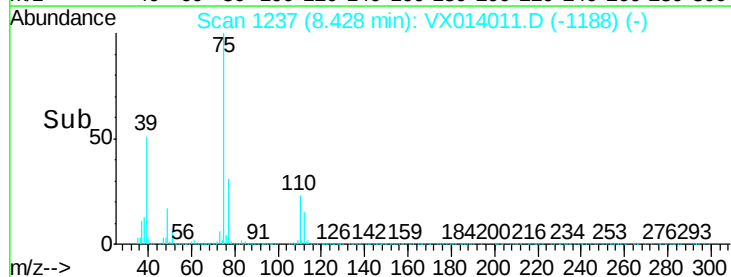
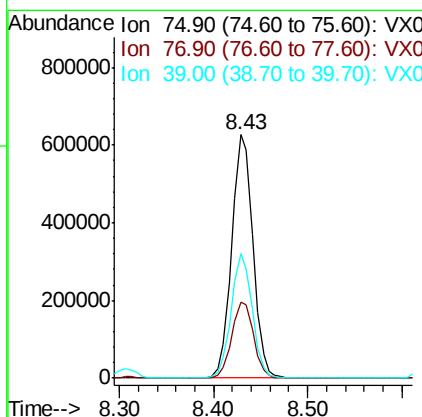
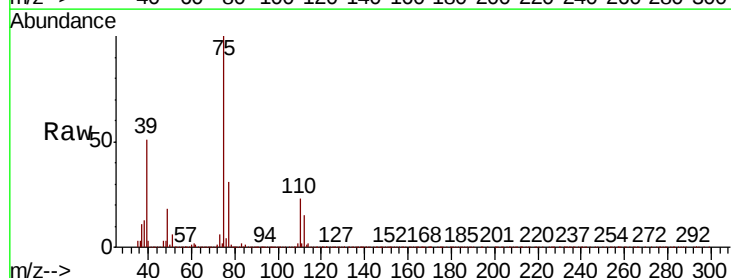
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#54
cis-1,3-Dichloropropene
Concen: 104.939 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.3	37.9
39	51.0	39.9	59.9





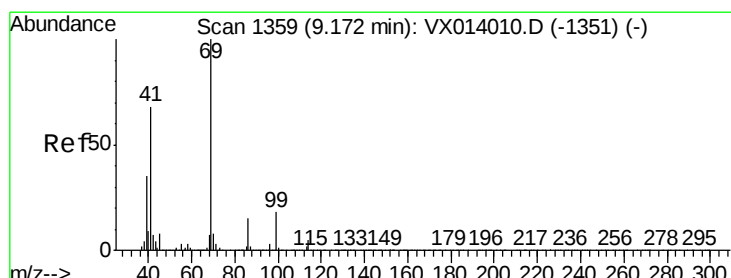
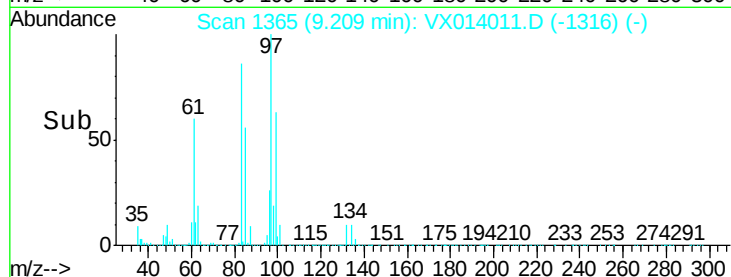
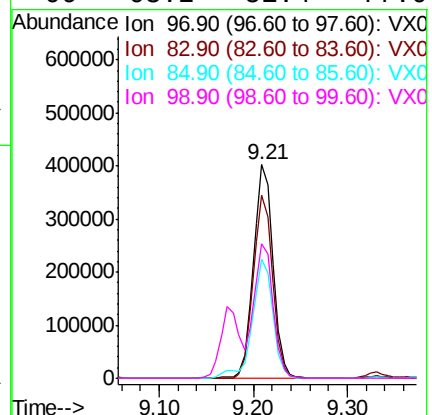
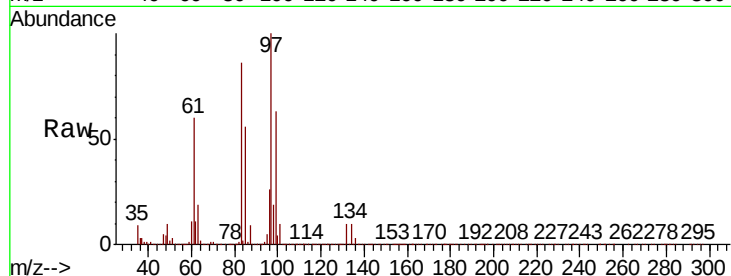
#55
 1,1,2-Trichloroethane
 Concen: 100.026 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014011.D
 Acq: 13 Dec 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	585526
Ion Ratio	Lower	Upper	
97	100		
83	85.5	68.2	102.4
85	55.8	44.6	66.8
99	63.2	51.4	77.0

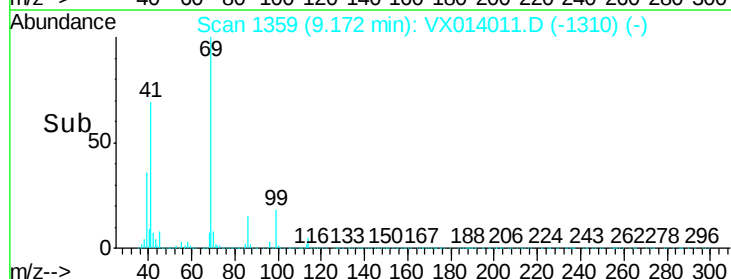
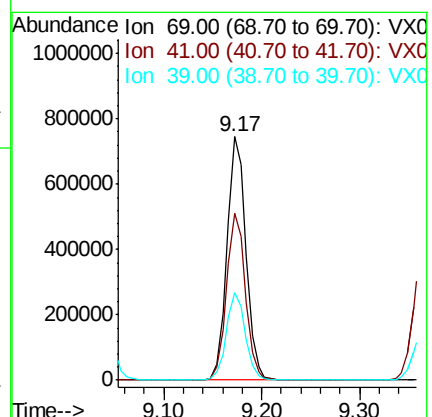
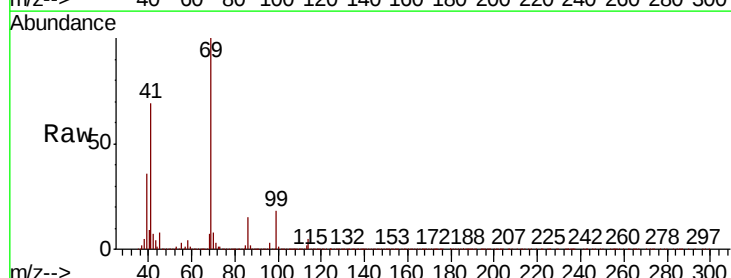
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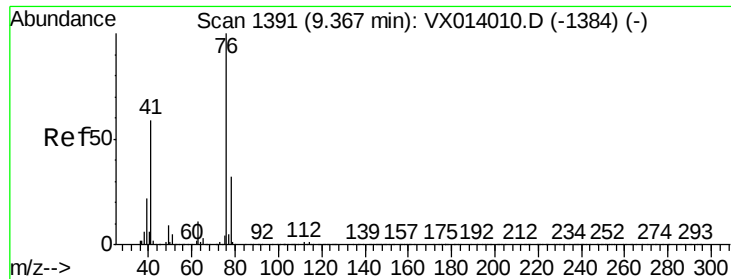
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#56
 Ethyl methacrylate
 Concen: 106.259 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014011.D
 Acq: 13 Dec 2019 16:22

Tgt Ion:	69	Resp:	1001661
Ion Ratio	Lower	Upper	
69	100		
41	68.2	54.8	82.2
39	35.7	28.3	42.5





#57

1,3-Dichloropropane

Concen: 98.559 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 995630

Ion Ratio Lower Upper

76 100

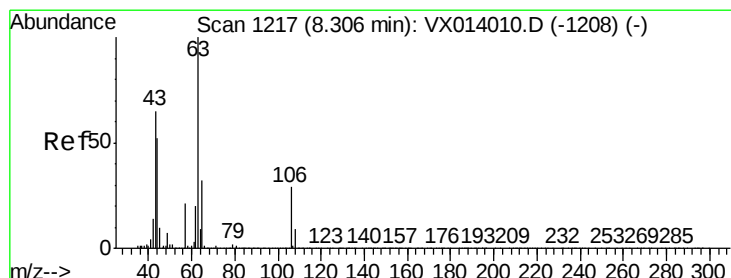
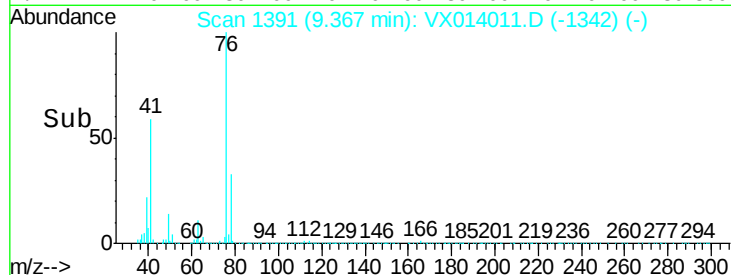
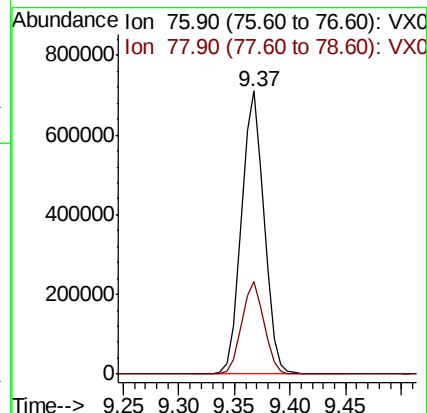
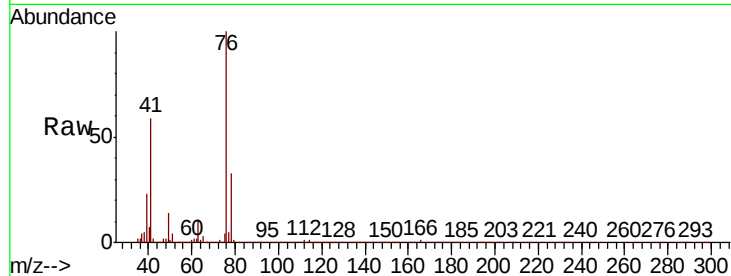
78 32.4 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 508.509 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014011.D

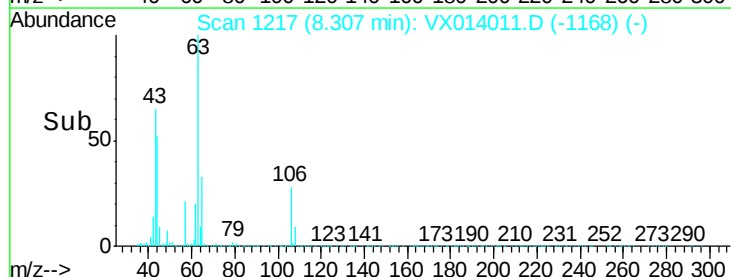
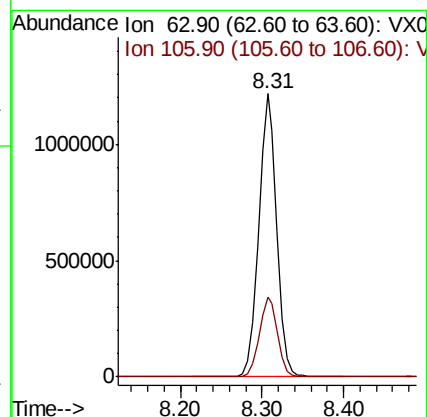
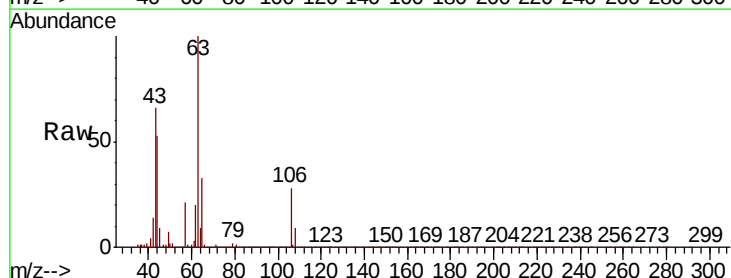
Acq: 13 Dec 2019 16:22

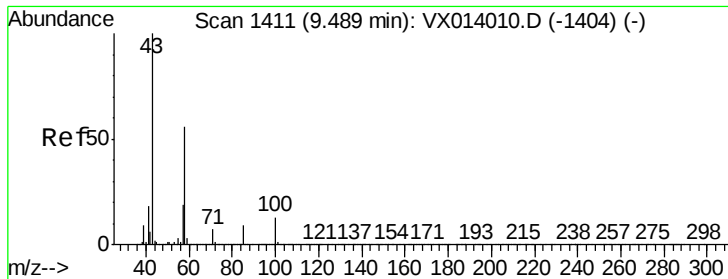
Tgt Ion: 63 Resp: 1879120

Ion Ratio Lower Upper

63 100

106 28.8 23.0 34.6





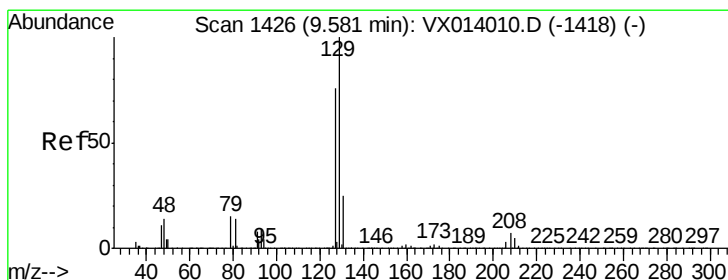
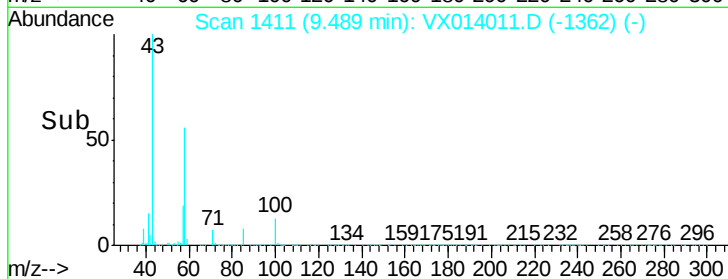
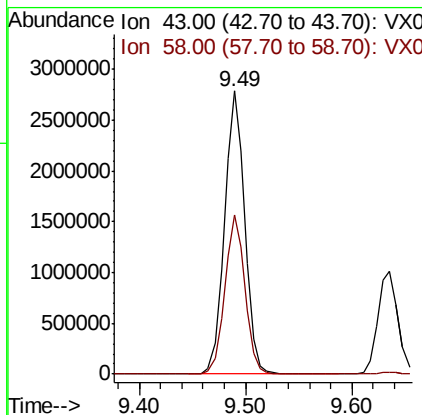
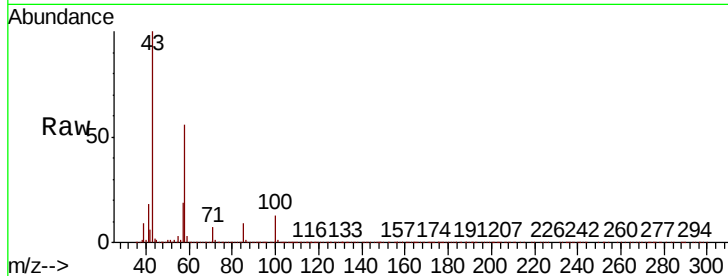
#59
2-Hexanone
Concen: 528.666 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 3687624
Ion Ratio Lower Upper
43 100
58 56.0 28.0 84.0

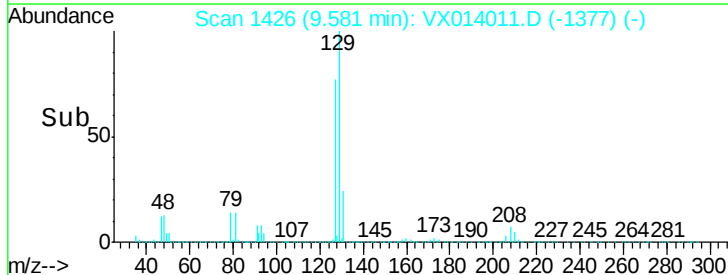
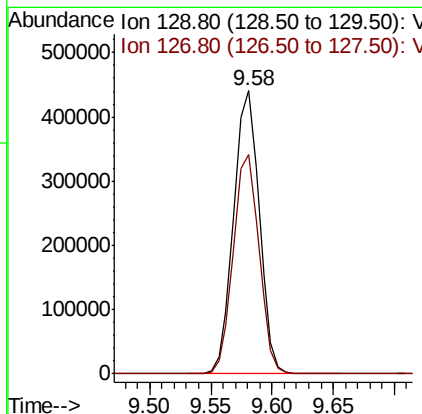
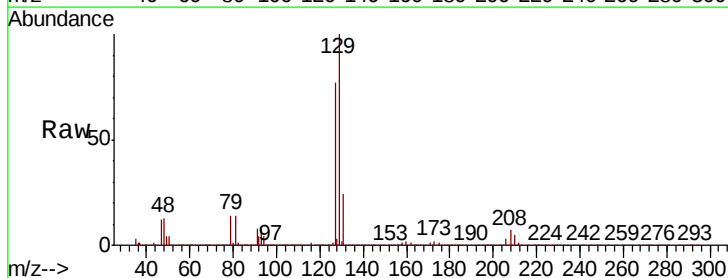
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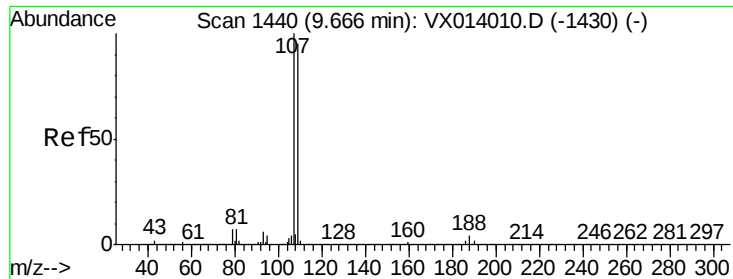
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#60
Dibromochloromethane
Concen: 105.869 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion: 129 Resp: 640857
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 98.996 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 107 Resp: 618127

Ion Ratio Lower Upper

107 100

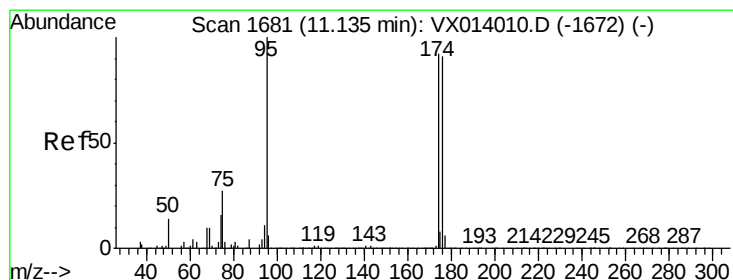
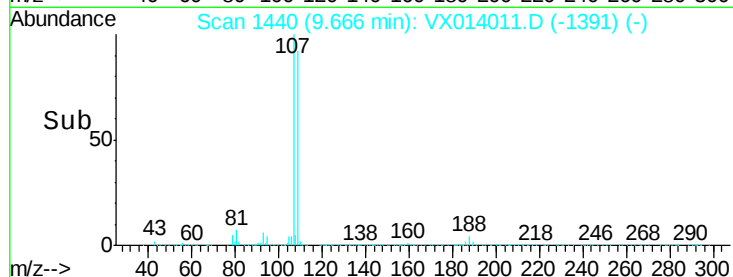
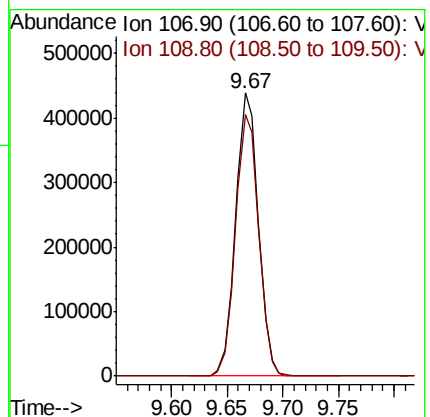
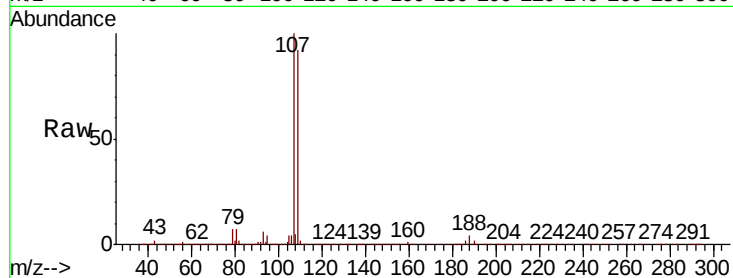
109 94.9 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 101.442 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

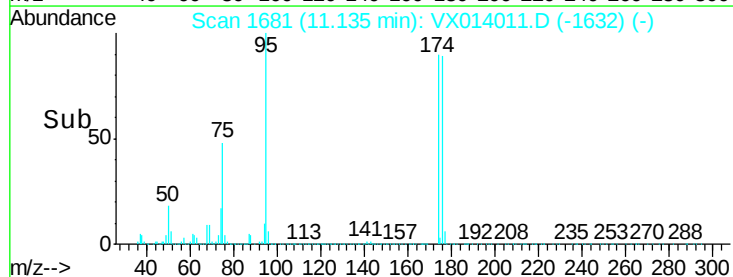
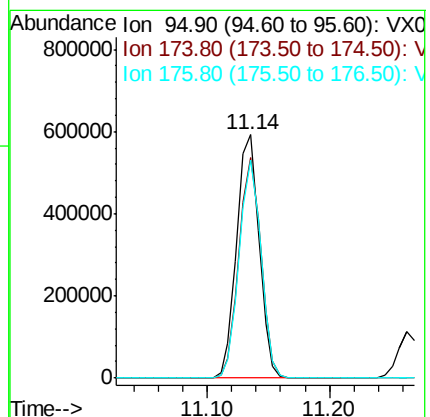
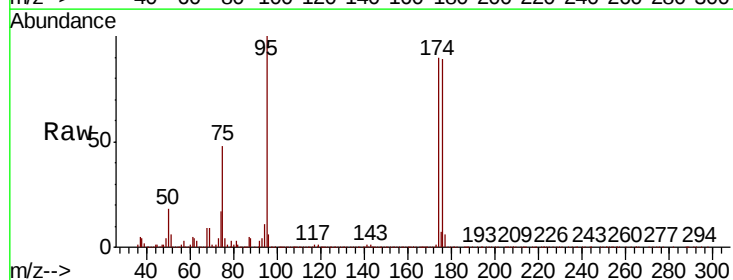
Tgt Ion: 95 Resp: 751769

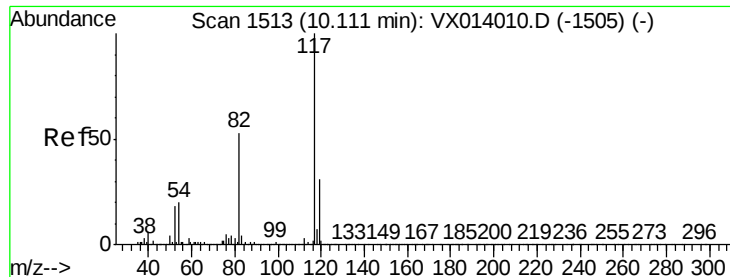
Ion Ratio Lower Upper

95 100

174 88.5 0.0 175.8

176 86.9 0.0 173.0





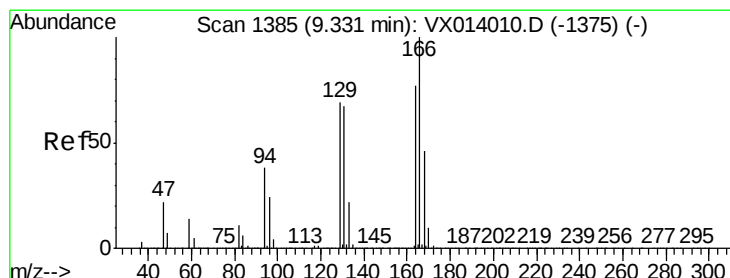
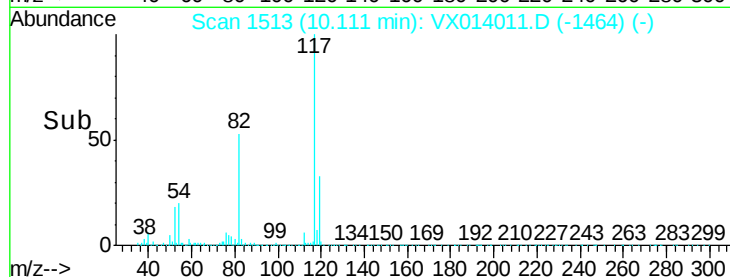
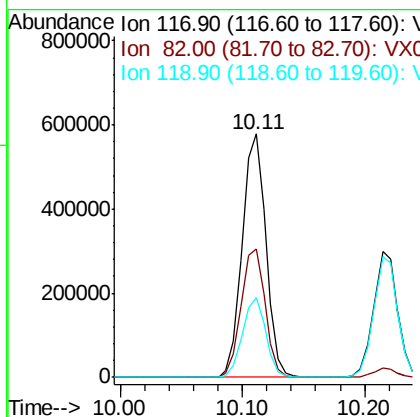
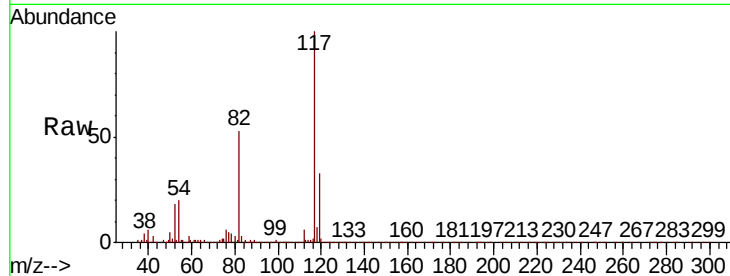
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	52.6	42.2	63.4
119	32.7	25.1	37.7

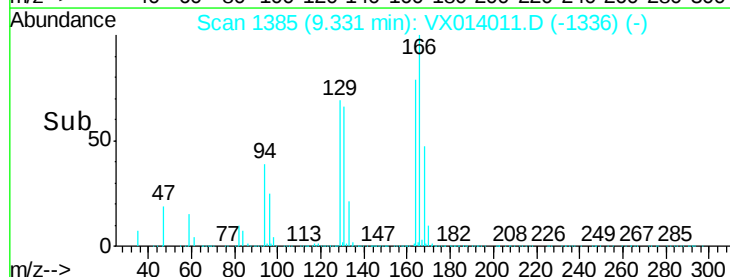
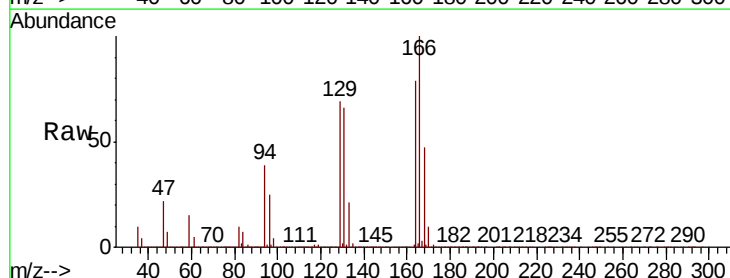
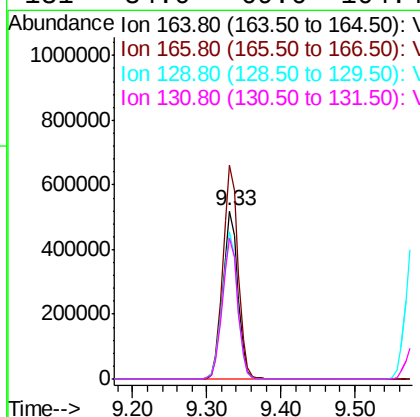
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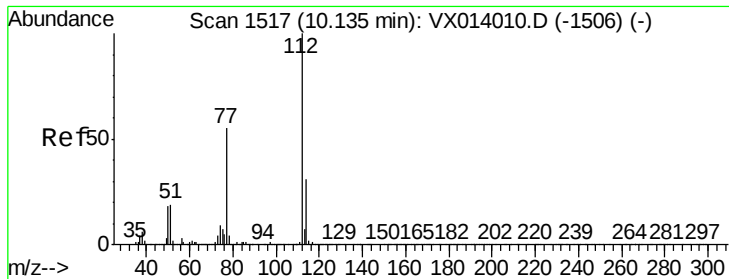
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#64
Tetrachloroethene
Concen: 122.222 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	127.1	104.0	156.0
129	87.5	72.2	108.4
131	84.0	69.6	104.4





#65

Chlorobenzene

Concen: 98.056 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:112 Resp: 1585660

Ion Ratio Lower Upper

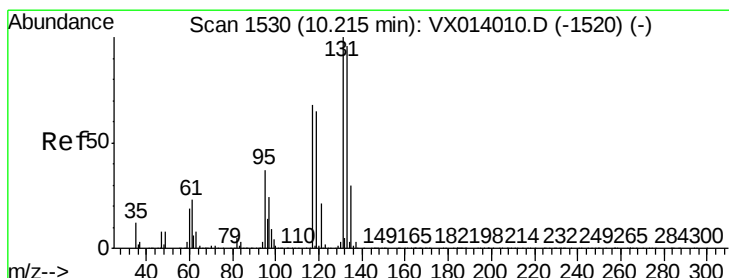
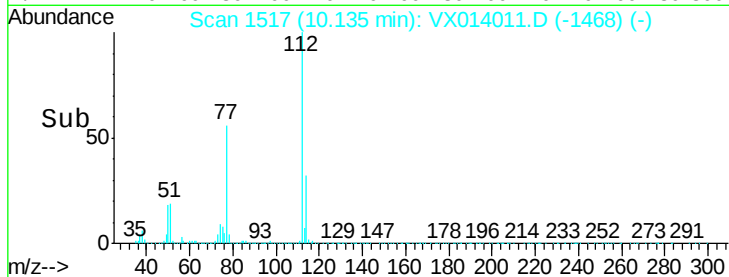
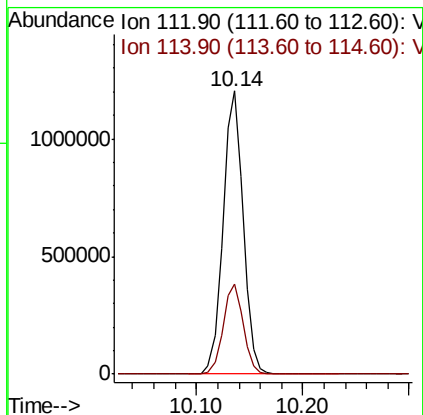
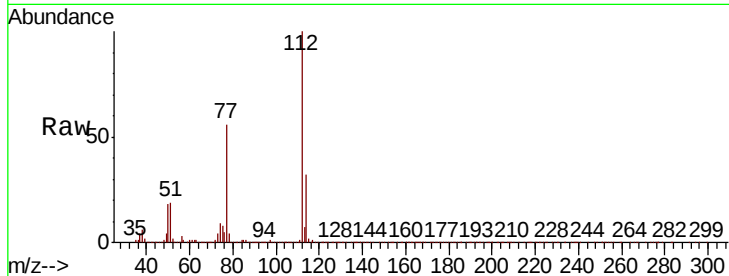
112 100

114 31.9 24.9 37.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 102.094 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

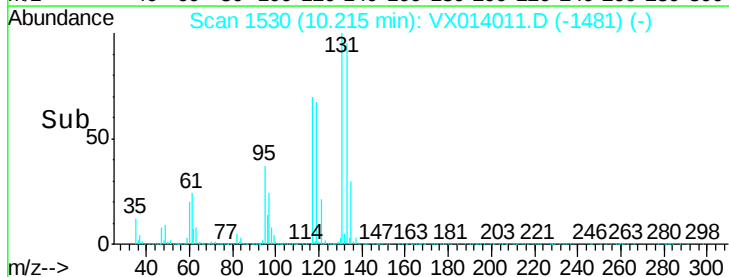
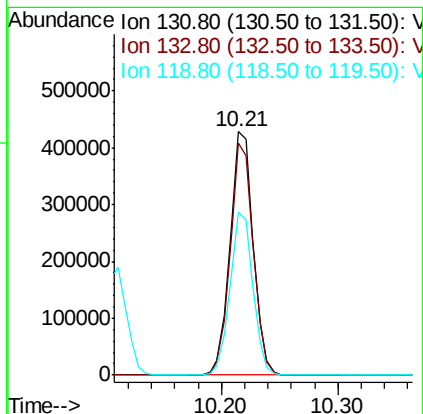
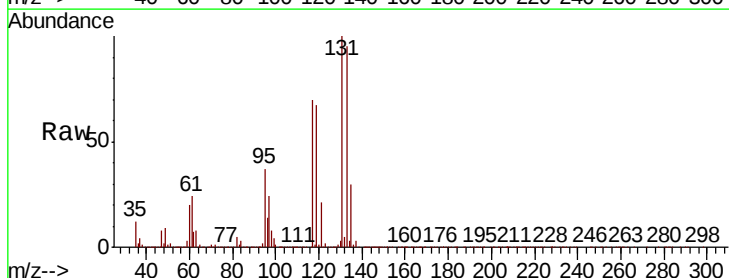
Tgt Ion:131 Resp: 591151

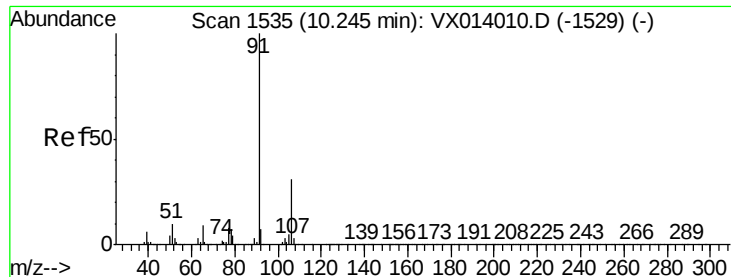
Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.0

119 66.4 33.4 100.2





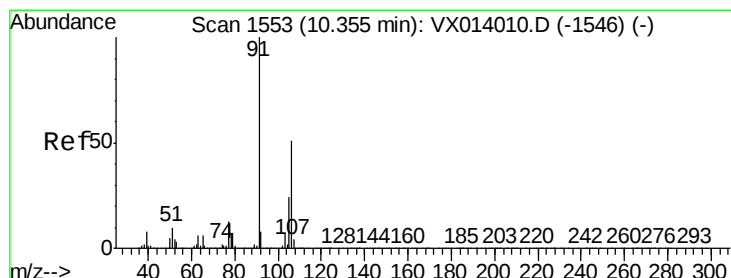
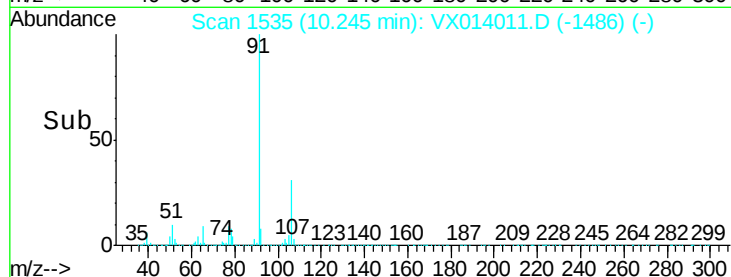
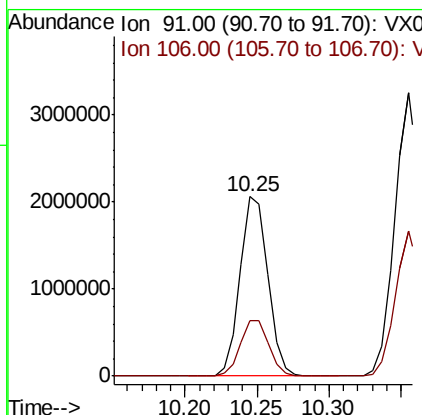
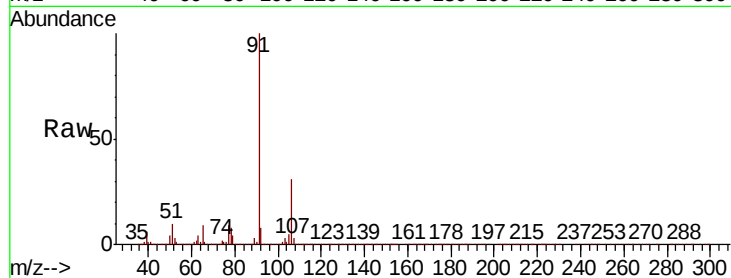
#67
Ethyl Benzene
Concen: 99.813 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 2770473
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

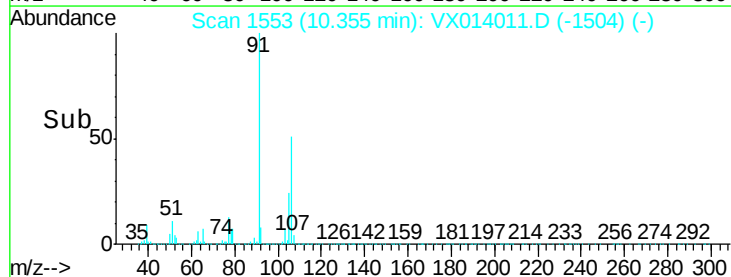
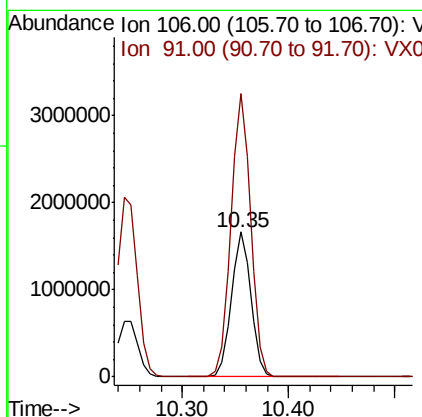
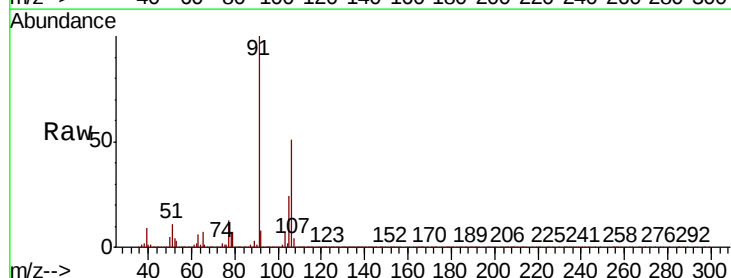
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#68
m/p-Xylenes
Concen: 201.972 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion: 106 Resp: 2149249
Ion Ratio Lower Upper
106 100
91 197.4 158.6 238.0





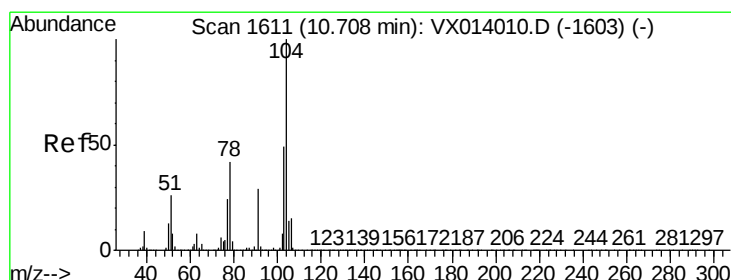
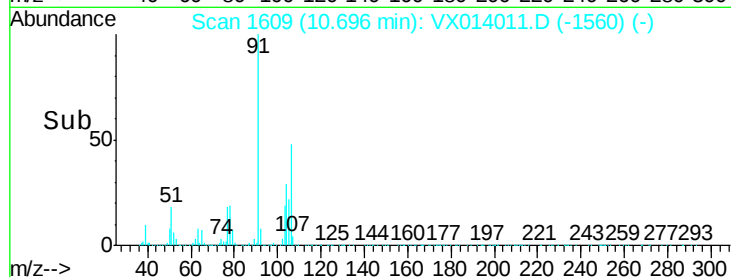
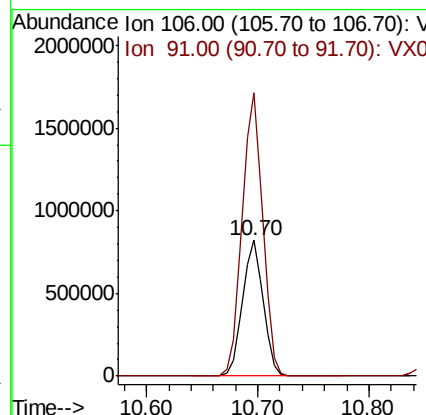
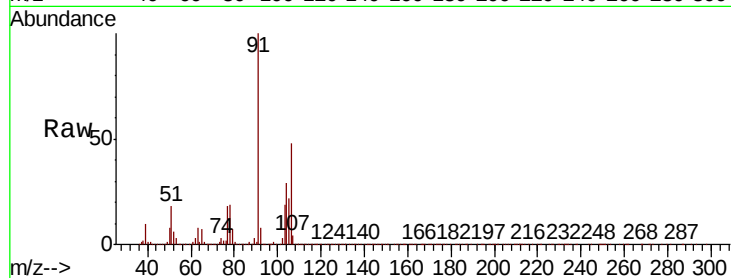
#69
o-Xylene
Concen: 101.159 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 1049787
Ion Ratio Lower Upper
106 100
91 208.5 104.2 312.6

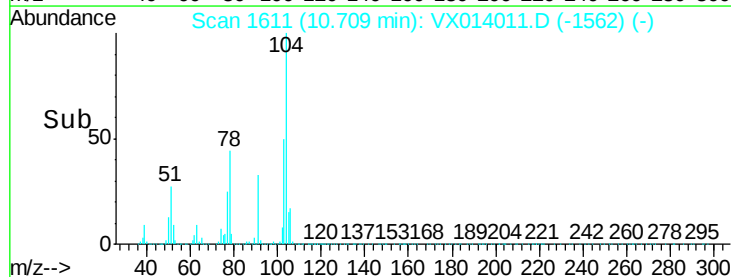
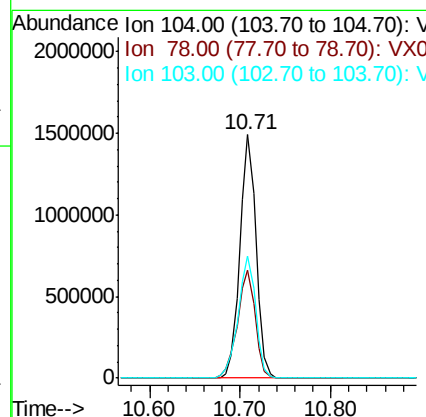
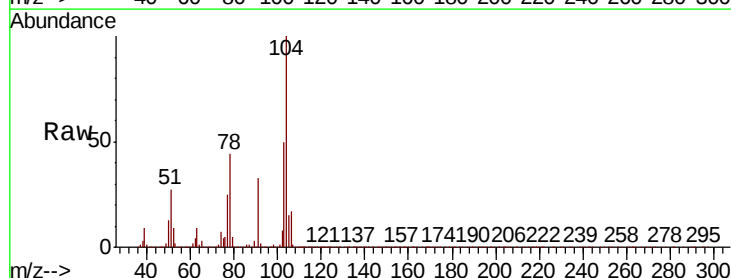
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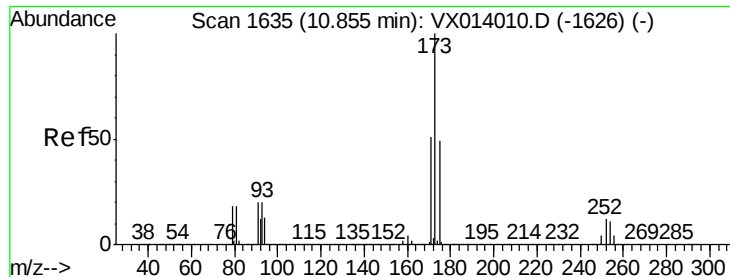
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#70
Styrene
Concen: 105.053 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion:104 Resp: 1839187
Ion Ratio Lower Upper
104 100
78 48.9 38.5 57.7
103 54.5 42.9 64.3





#71

Bromoform

Concen: 109.295 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 521997

Ion Ratio Lower Upper

173 100

175 48.6 24.4 73.4

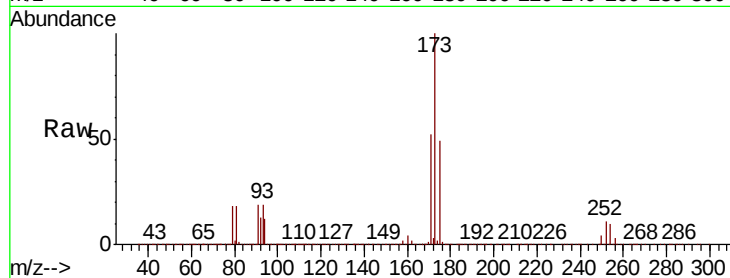
254 0.2 0.2 0.2

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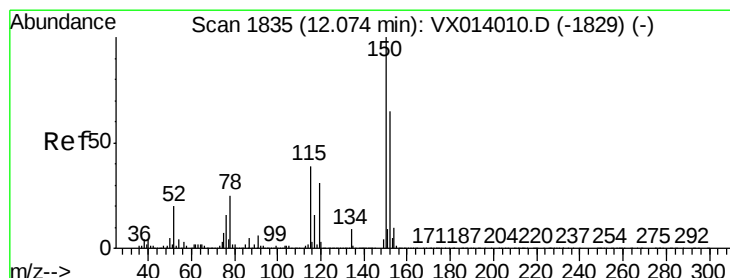
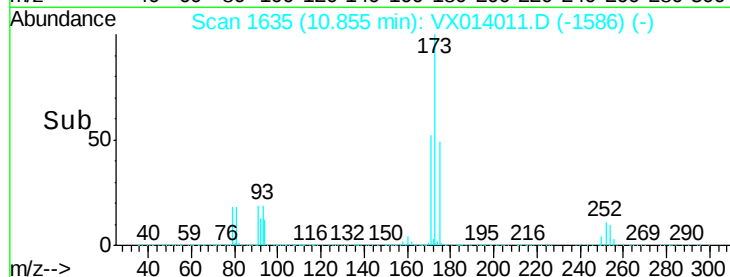
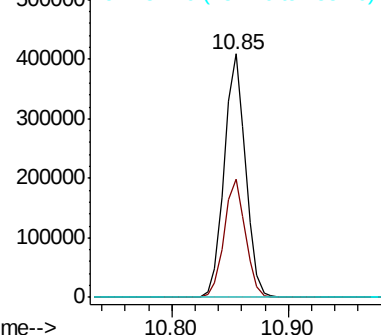
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

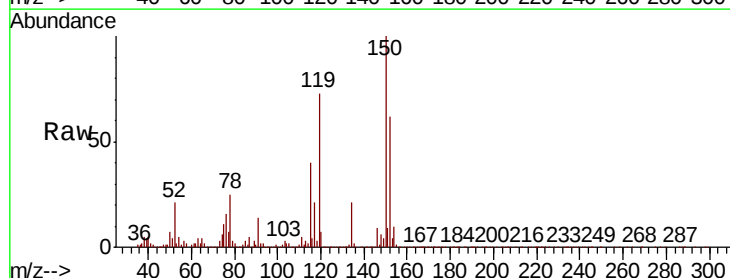
Tgt Ion:152 Resp: 405555

Ion Ratio Lower Upper

152 100

115 101.1 38.3 114.9

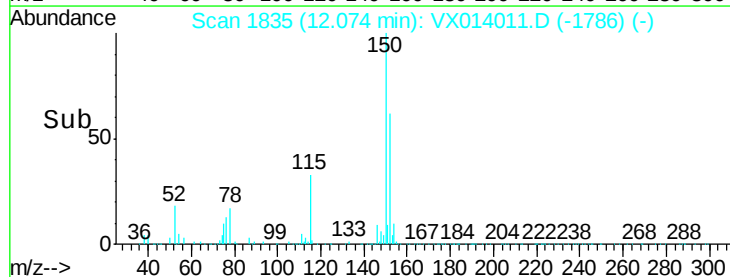
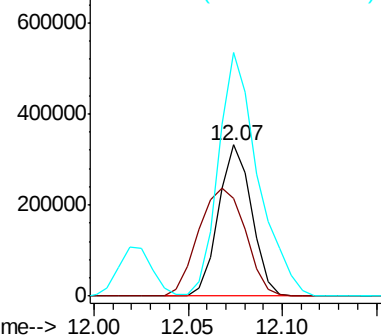
150 192.3 0.0 345.4

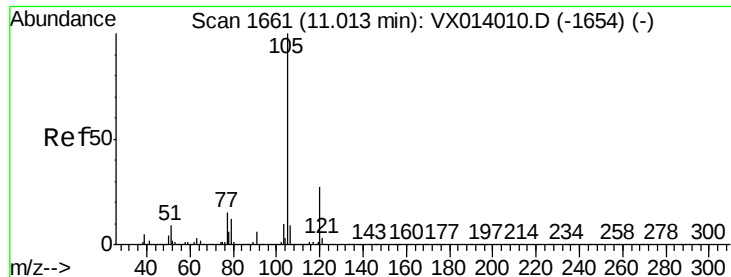


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 96.652 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:105 Resp: 2753143

Ion Ratio Lower Upper

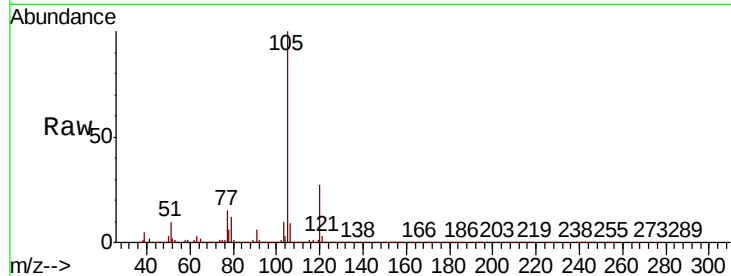
105 100

120 27.2 13.5 40.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

1500000

1000000

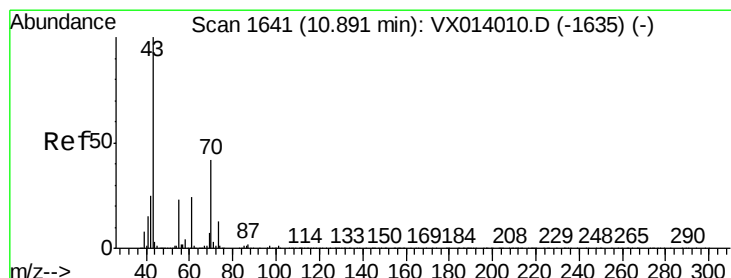
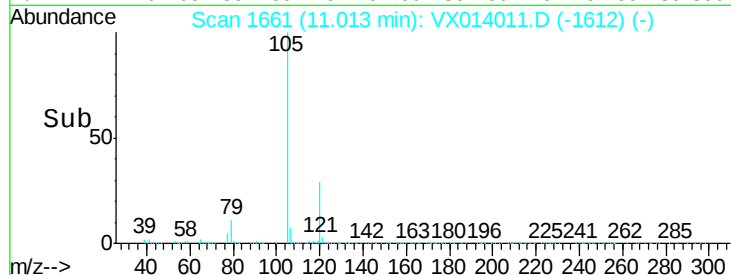
500000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 104.568 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Tgt Ion: 43 Resp: 1364487

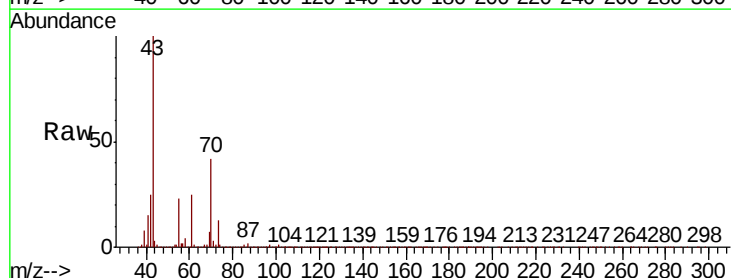
Ion Ratio Lower Upper

43 100

70 43.1 34.4 51.6

55 23.4 19.1 28.7

61 25.5 19.7 29.5



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

1500000

1000000

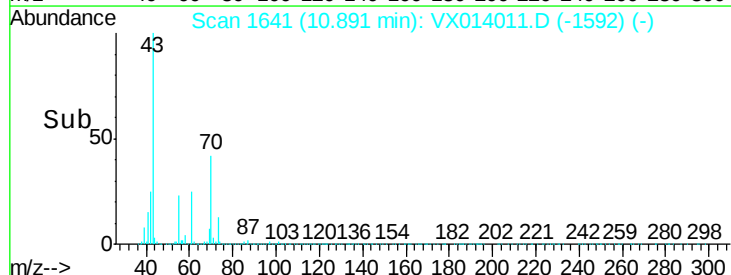
500000

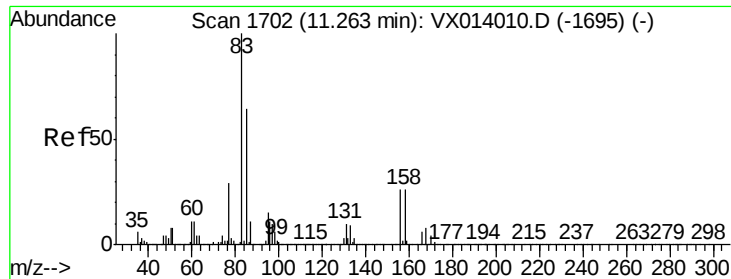
0

10.89

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 96.951 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

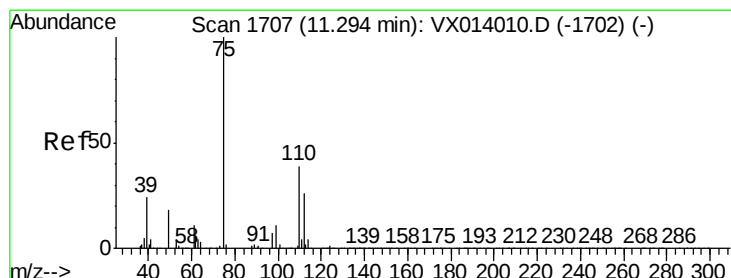
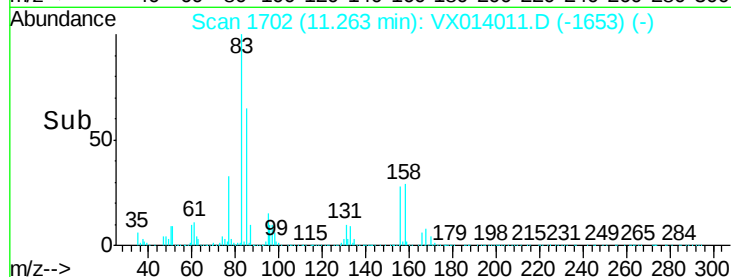
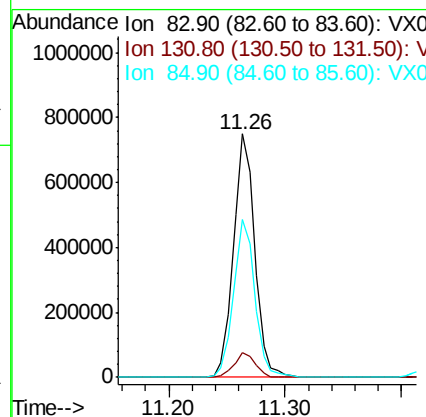
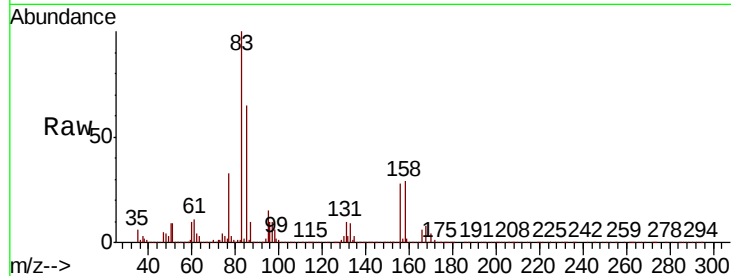
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	956183
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	64.4	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 94.893 ug/l m

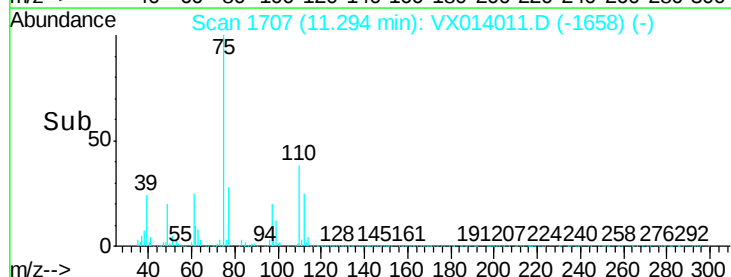
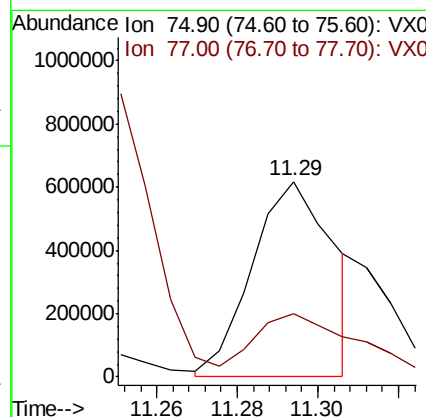
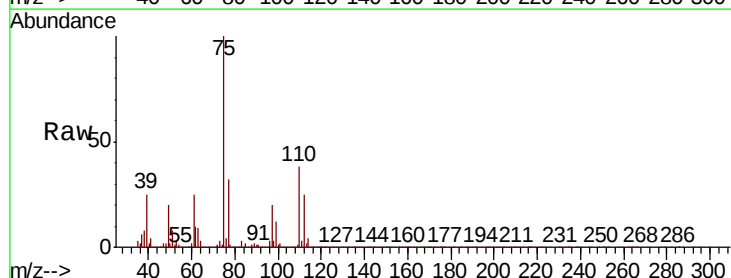
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Tgt Ion:	75	Resp:	861897
Ion Ratio	Lower	Upper	
75	100		
77	41.1	19.3	57.8





#77

Bromobenzene

Concen: 96.089 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

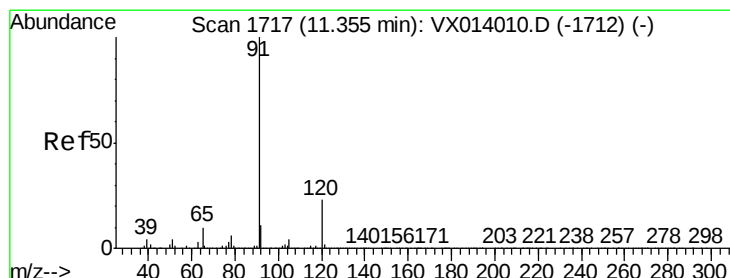
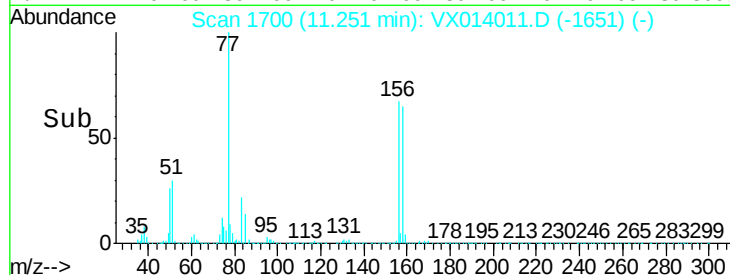
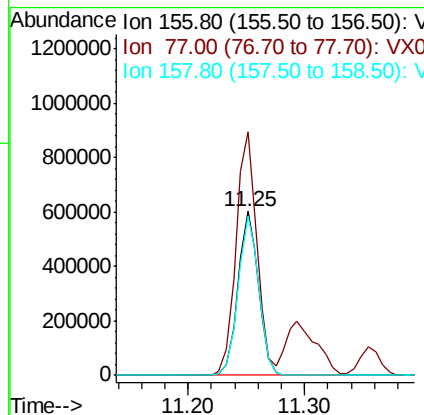
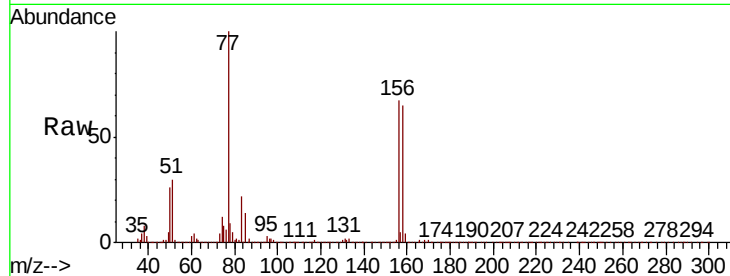
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	737773
Ion Ratio	Lower	Upper	
156	100		
77	151.6	76.5	229.5
158	97.4	49.3	147.9

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#78

n-propylbenzene

Concen: 99.977 ug/l

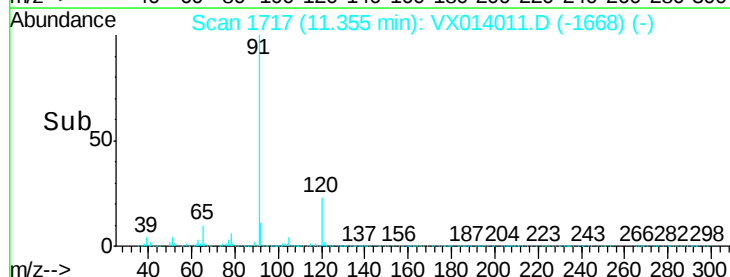
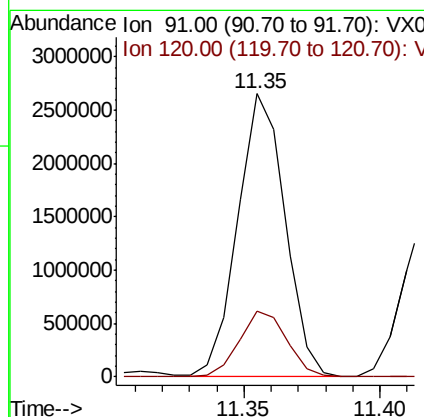
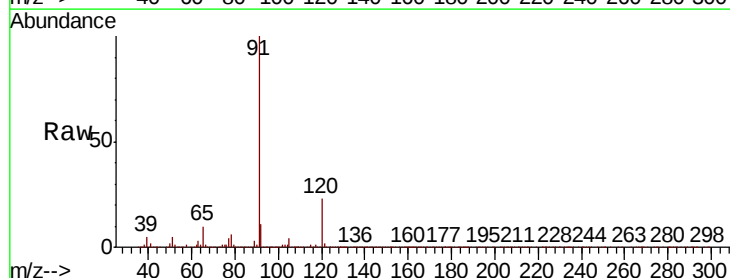
RT: 11.35 min Scan# 1717

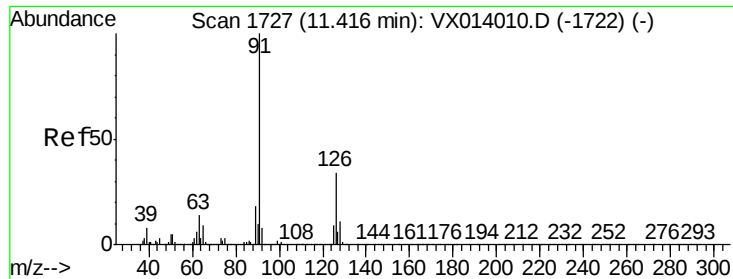
Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Tgt Ion:	91	Resp:	3184476
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.0





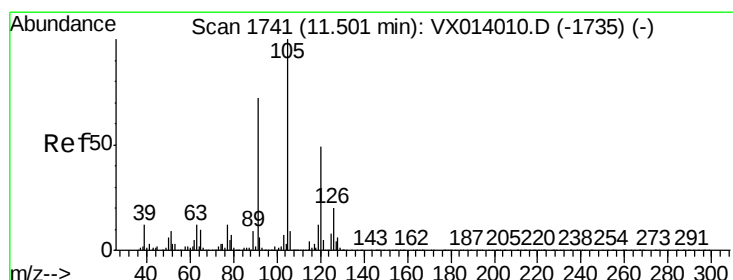
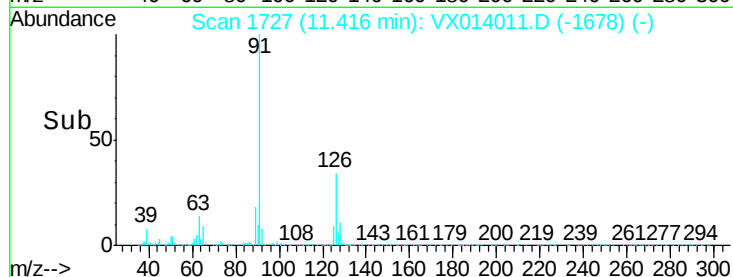
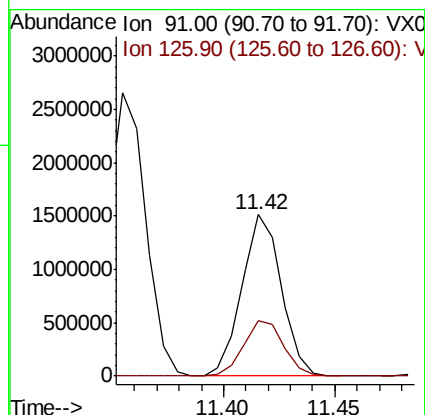
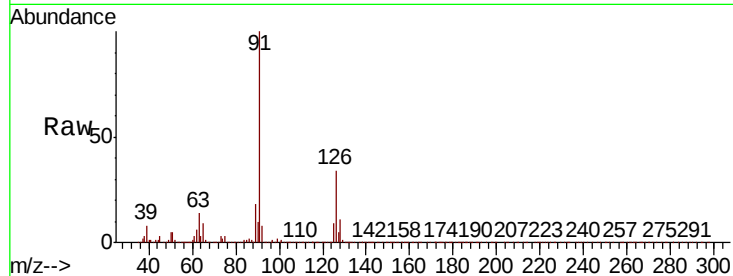
#79
 2-Chlorotoluene
 Concen: 97.459 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014011.D
 Acq: 13 Dec 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 91 Resp: 1867515
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.2 51.6

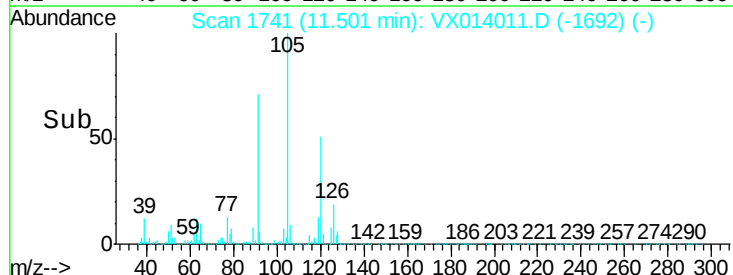
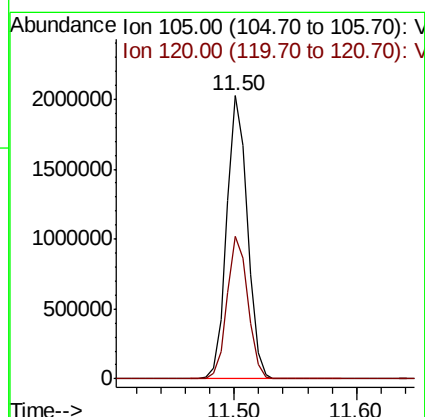
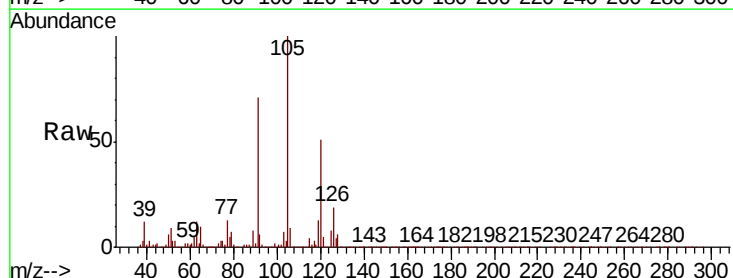
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#80
 1,3,5-Trimethylbenzene
 Concen: 100.907 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014011.D
 Acq: 13 Dec 2019 16:22

Tgt Ion: 105 Resp: 2362600
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.3 75.8





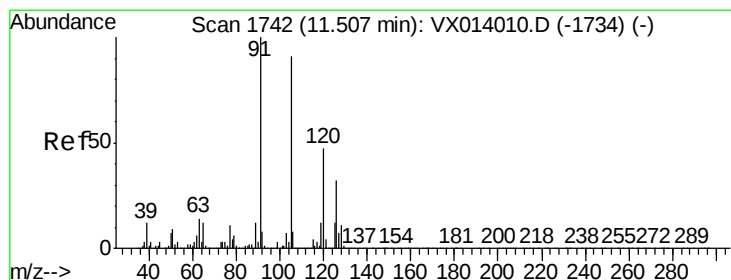
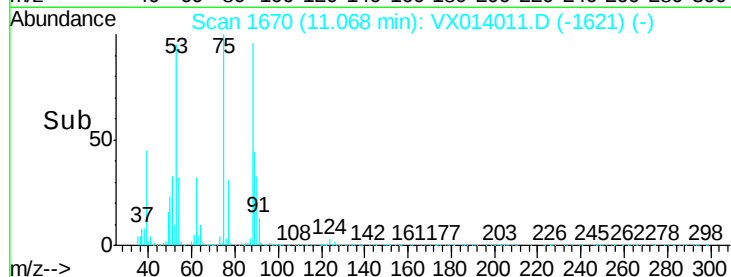
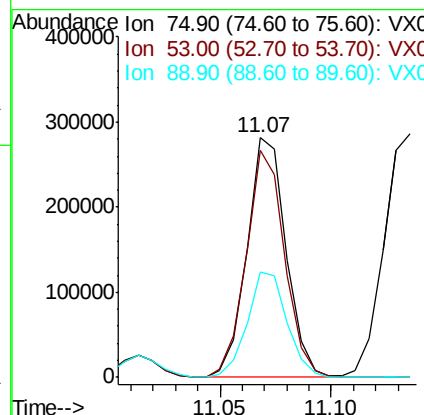
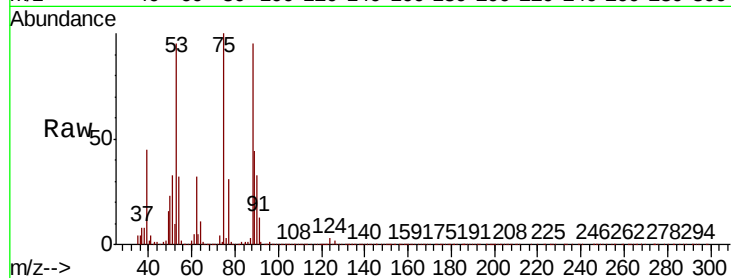
#81
trans-1,4-Dichloro-2-butene
Concen: 104.093 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.2	76.7	115.1
89	44.9	34.6	51.8

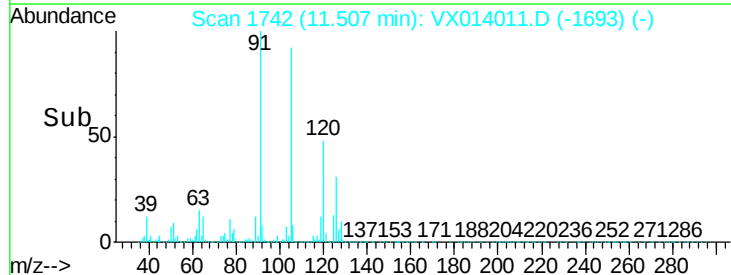
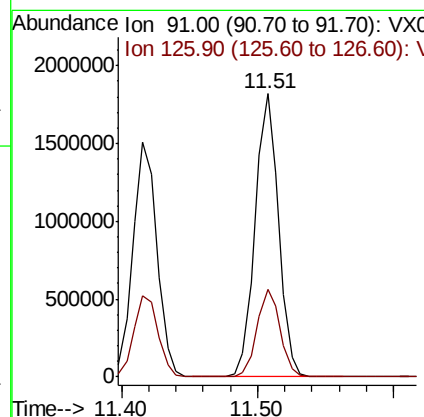
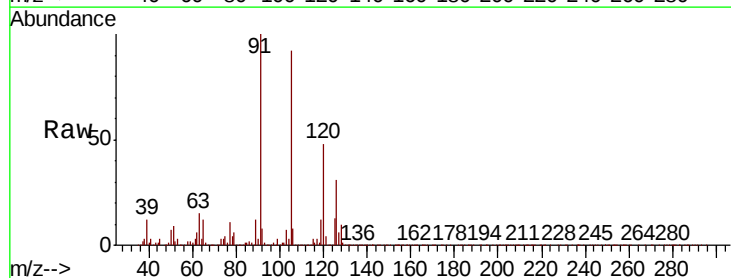
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#82
4-Chlorotoluene
Concen: 99.470 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.6	46.8





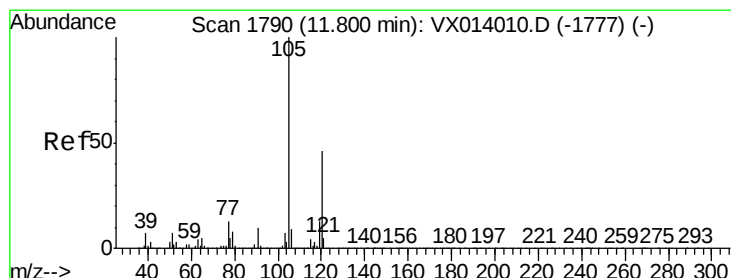
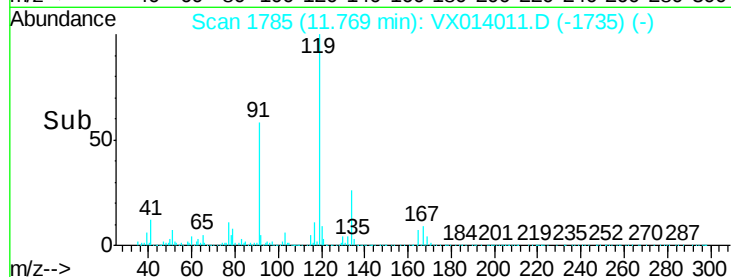
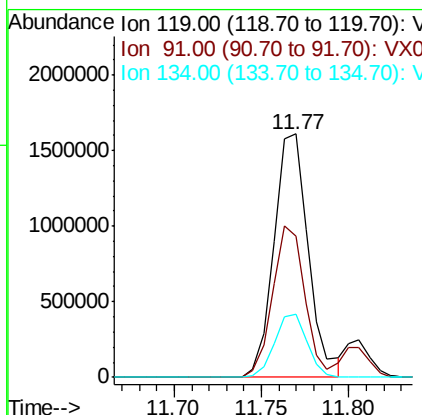
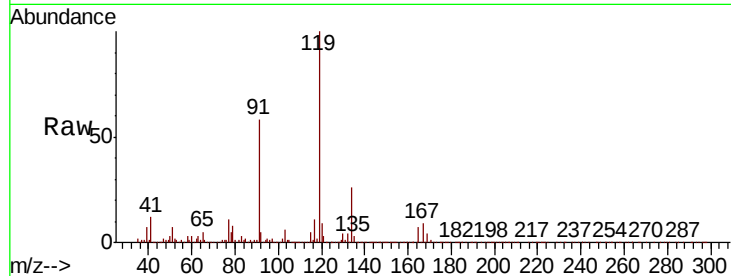
#83
tert-Butylbenzene
Concen: 93.495 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.3	28.5	85.6
134	24.6	12.2	36.6

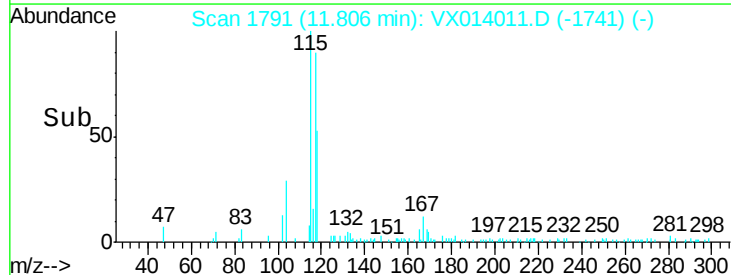
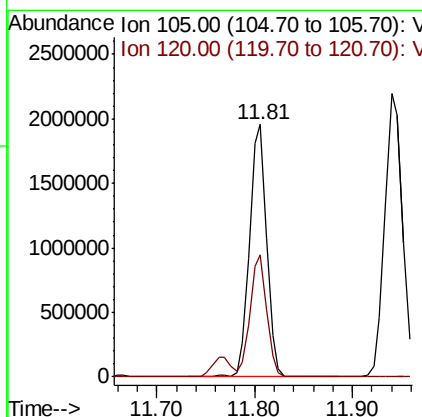
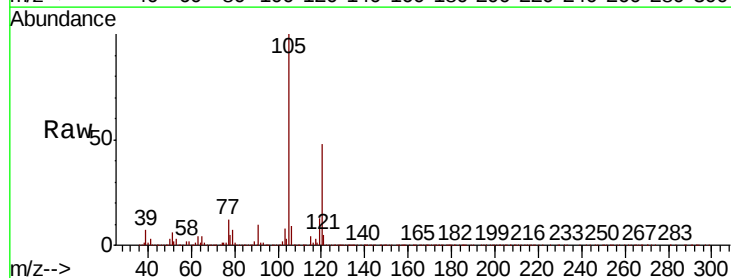
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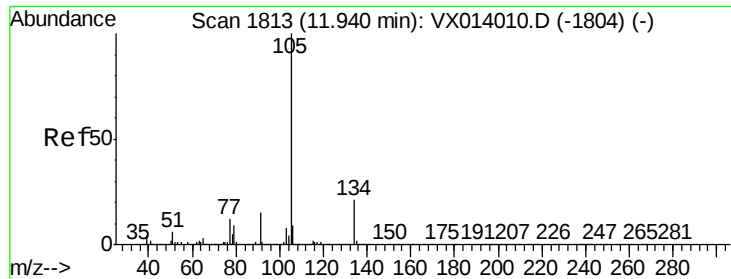
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#84
1,2,4-Trimethylbenzene
Concen: 99.859 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 101.431 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 2753476

Ion Ratio Lower Upper

105 100

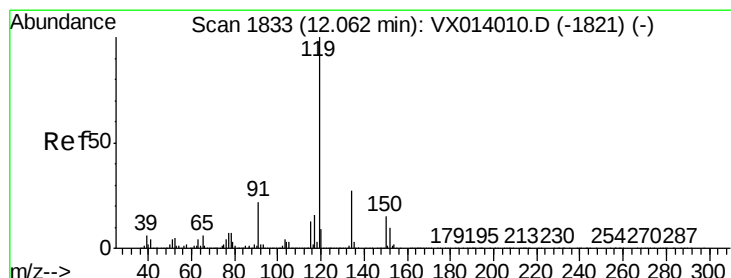
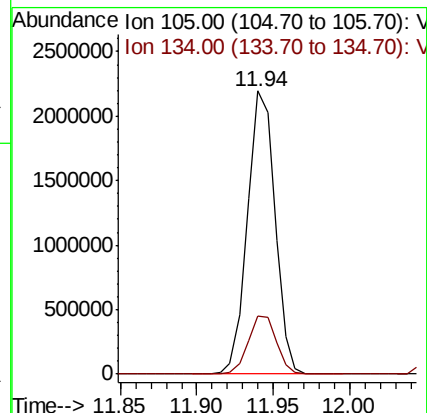
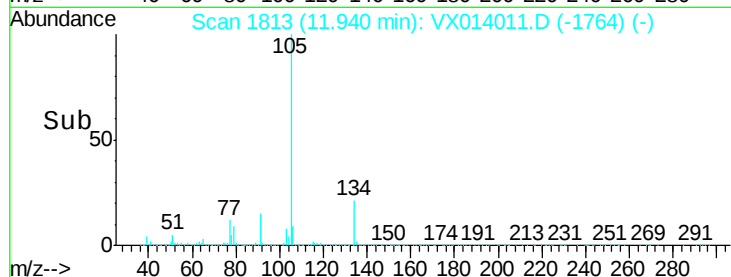
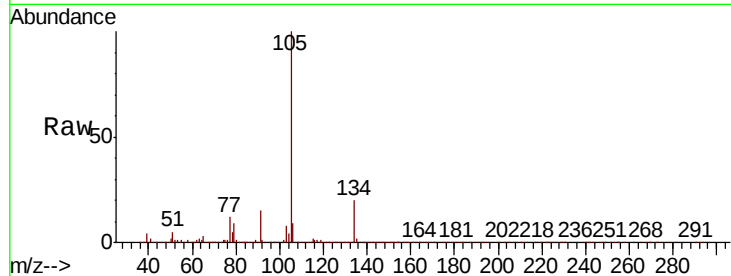
134 20.9 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 100.425 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

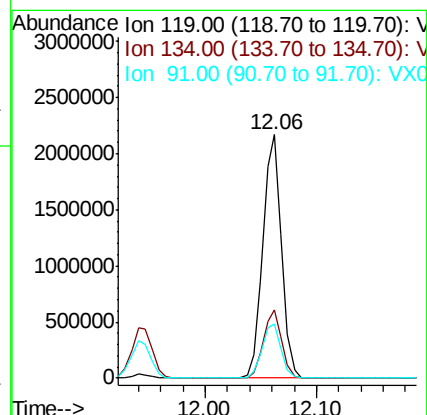
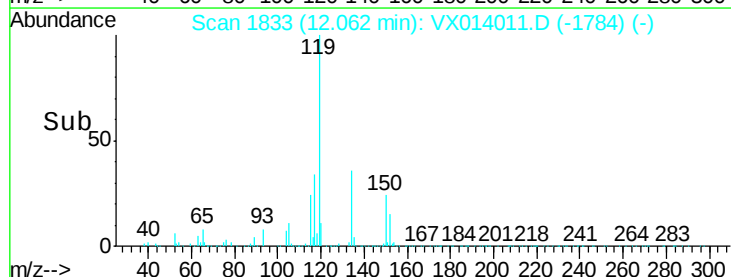
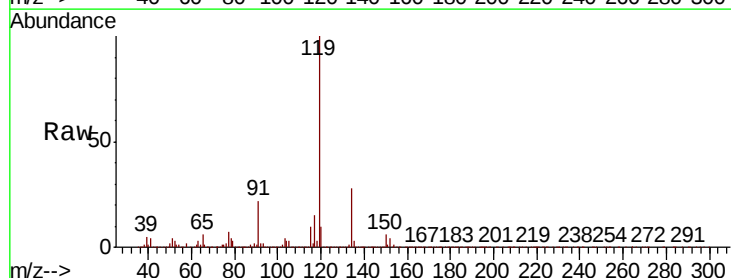
Tgt Ion:119 Resp: 2532372

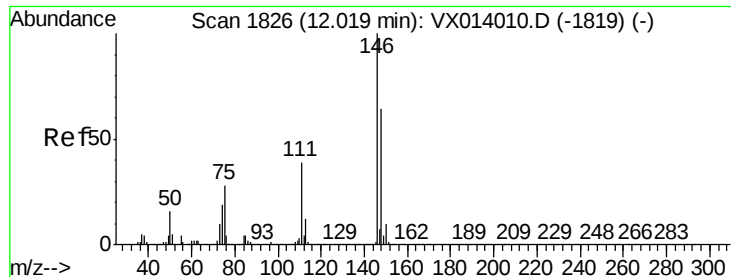
Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.1

91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 98.848 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

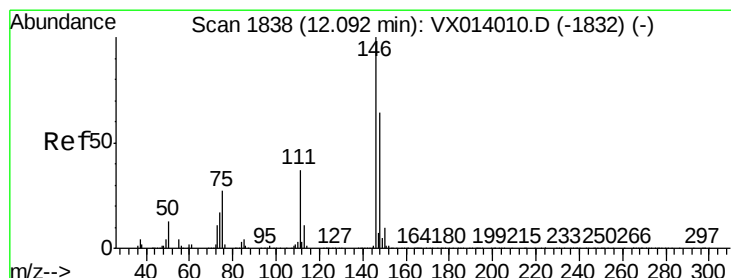
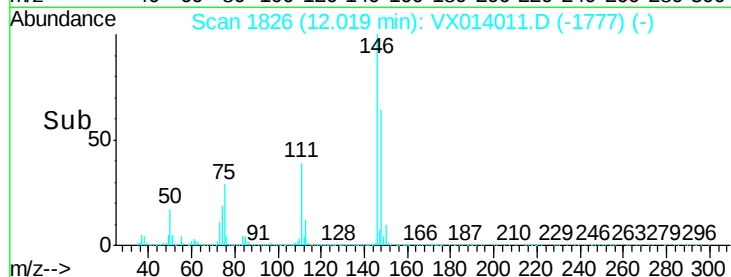
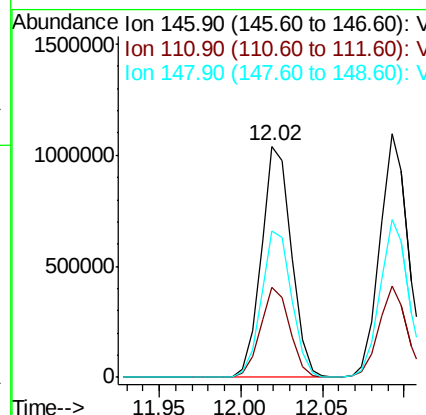
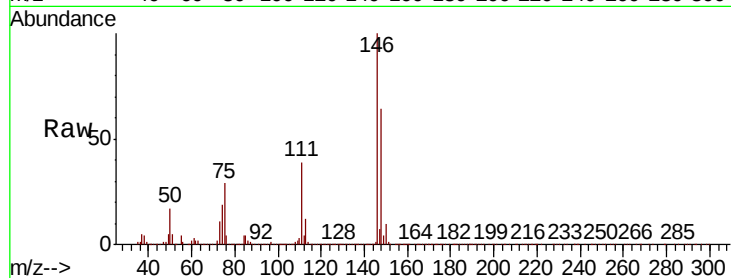
Instrument :
MSVOA_X

ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	64.1	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 96.582 ug/l

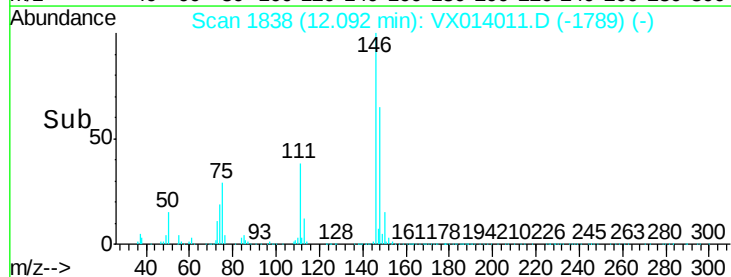
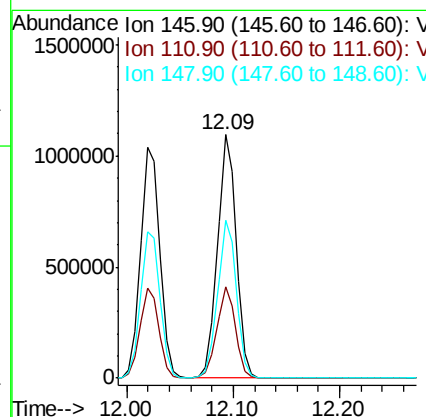
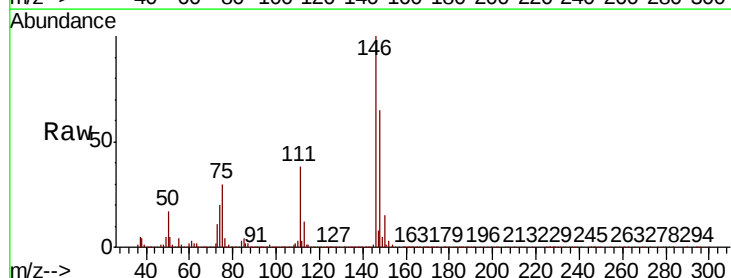
RT: 12.09 min Scan# 1838

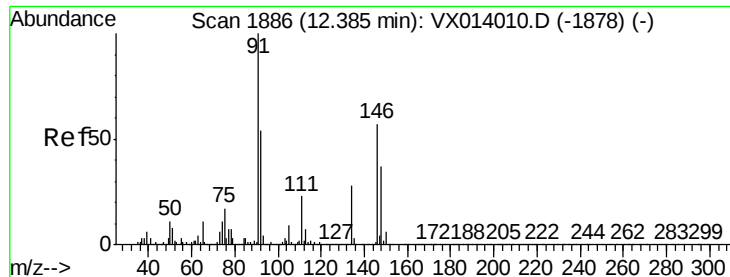
Delta R.T. 0.00 min

Lab File: VX014011.D

Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	64.8	31.9	95.9





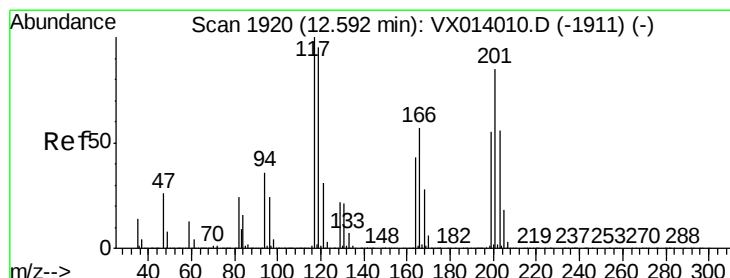
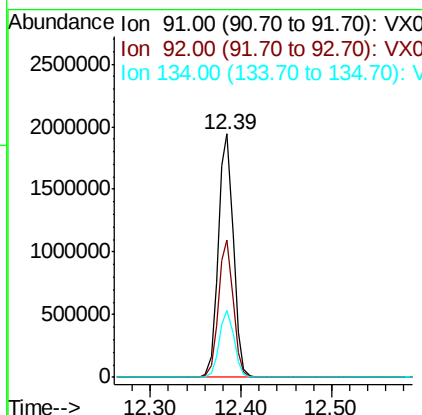
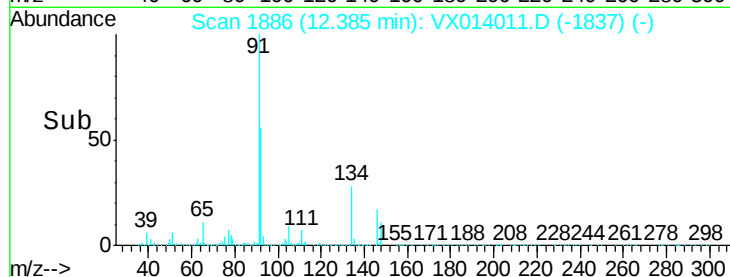
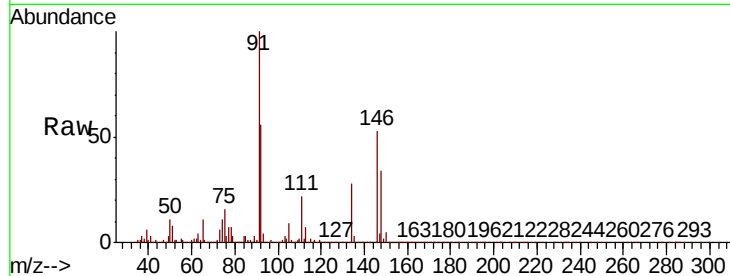
#89
n-Butylbenzene
Concen: 104.611 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 91 Resp: 2252779
Ion Ratio Lower Upper
91 100
92 55.4 27.2 81.6
134 27.2 13.4 40.1

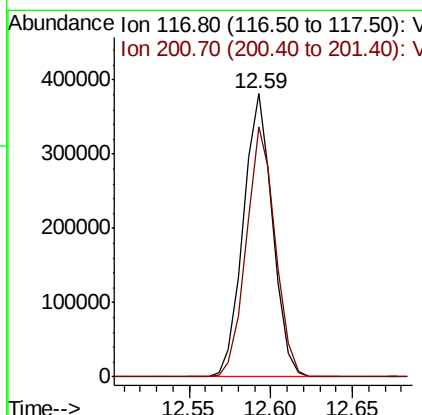
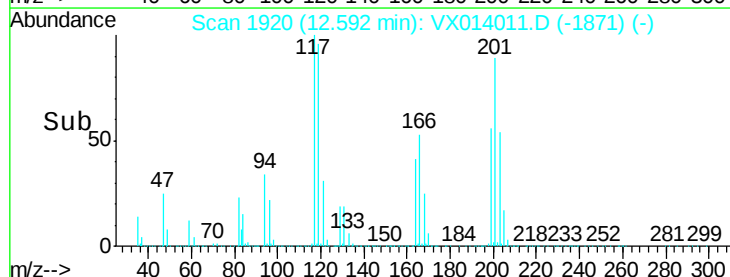
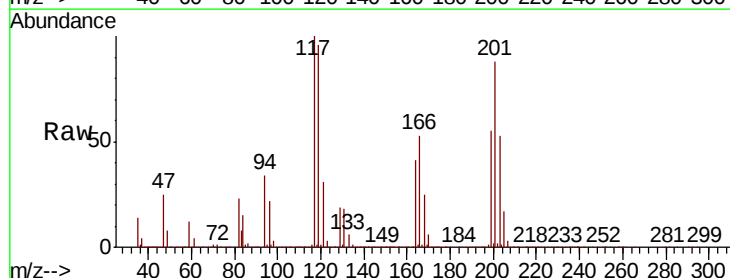
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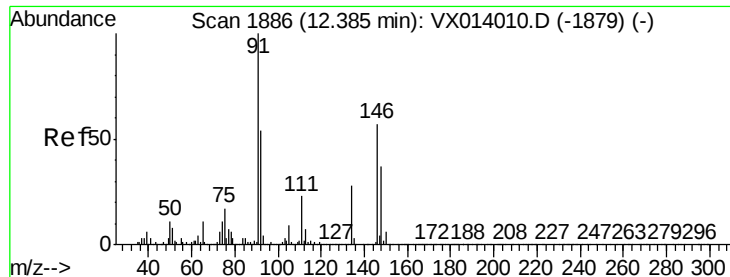
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#90
Hexachloroethane
Concen: 104.126 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion: 117 Resp: 475941
Ion Ratio Lower Upper
117 100
201 87.8 43.1 129.3





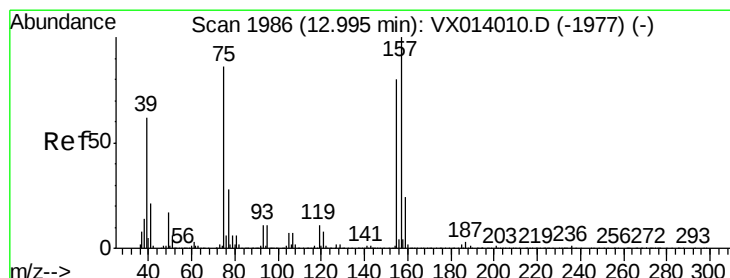
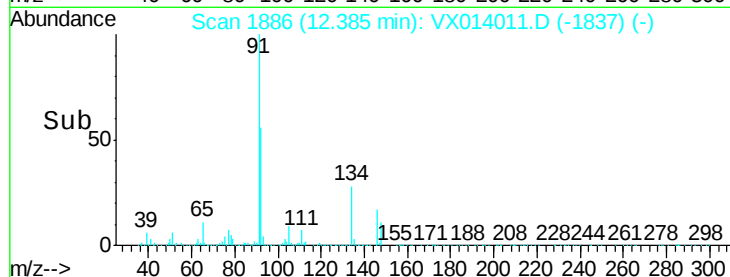
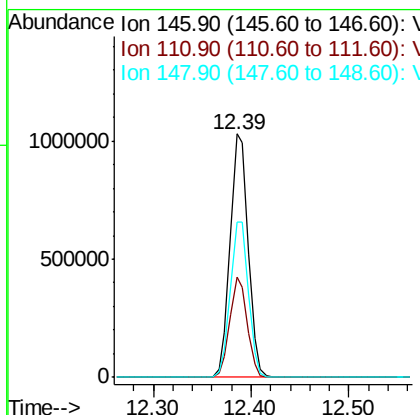
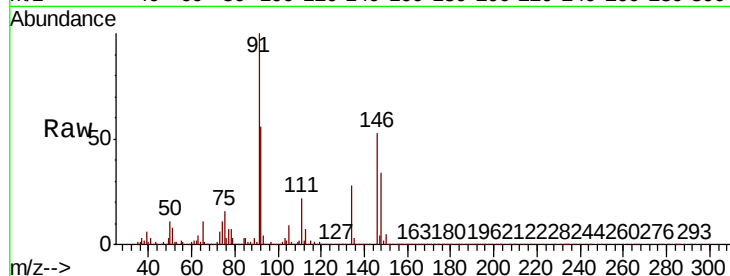
#91
 1,2-Dichlorobenzene
 Concen: 99.046 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014011.D
 Acq: 13 Dec 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.7	59.1
148	64.5	32.1	96.5

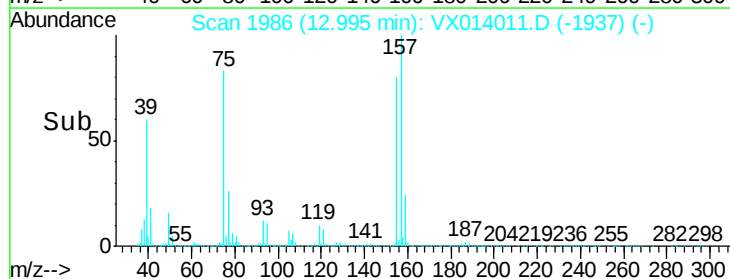
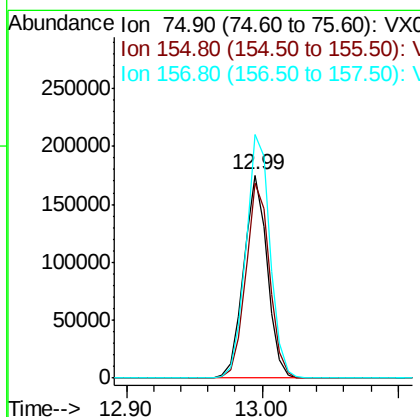
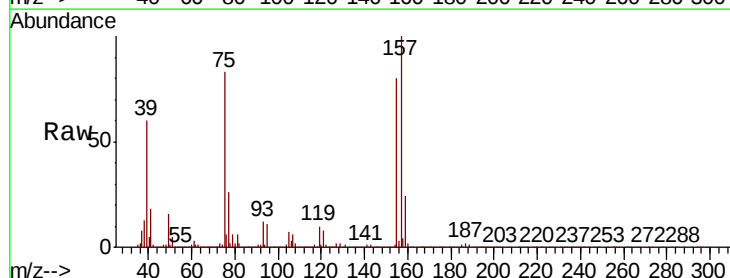
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 98.478 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014011.D
 Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.9	46.9	140.6
157	124.9	60.8	182.4





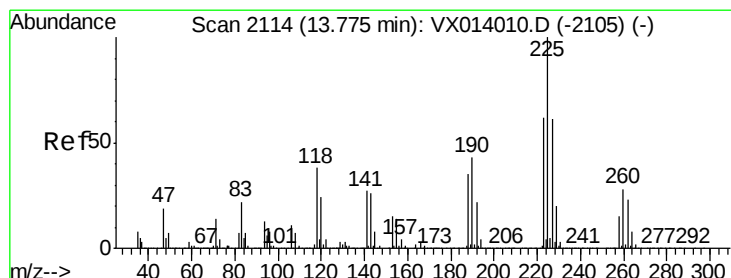
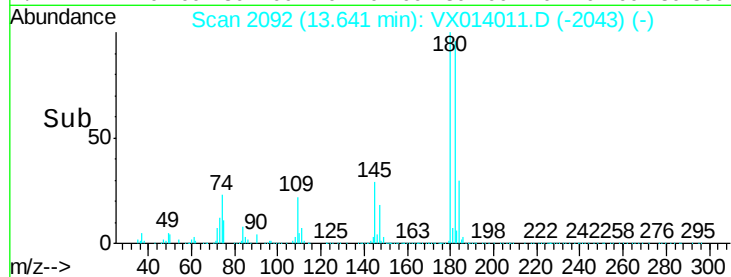
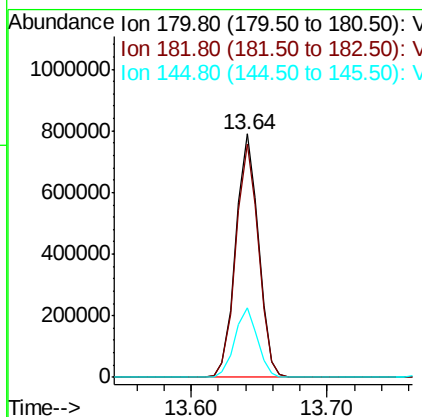
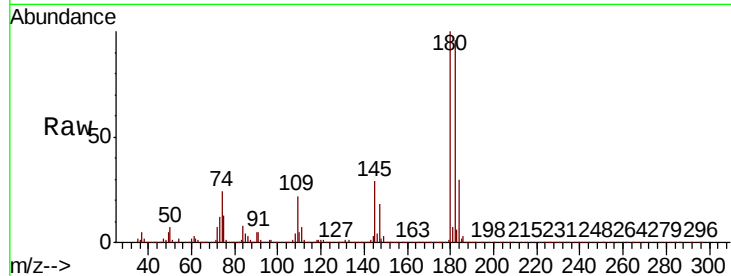
#93
 1,2,4-Trichlorobenzene
 Concen: 99.909 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014011.D
 Acq: 13 Dec 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	917133		
182	95.9	46.6	139.8	
145	28.5	14.2	42.6	

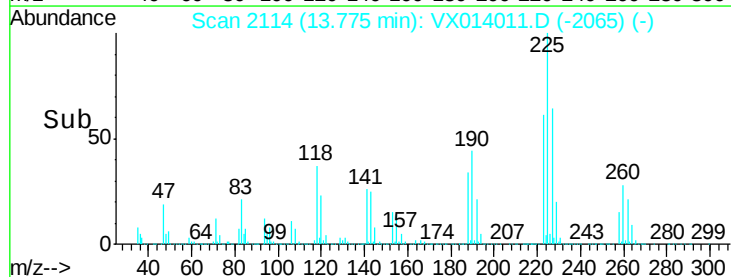
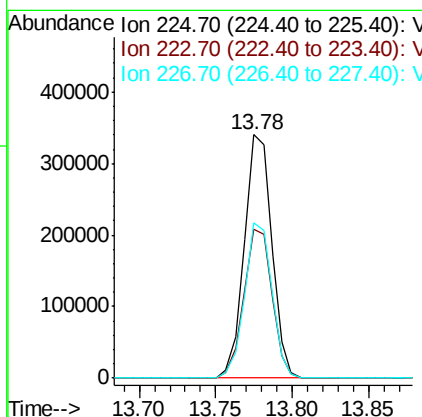
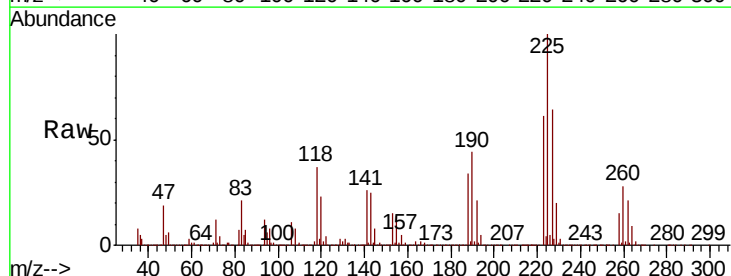
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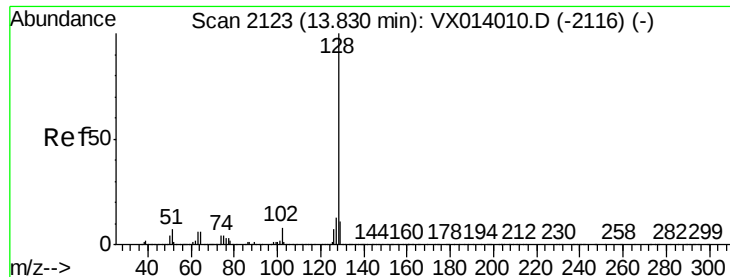
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#94
 Hexachlorobutadiene
 Concen: 95.763 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014011.D
 Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	425393		
223	62.4	30.9	92.5	
227	63.6	30.9	92.7	





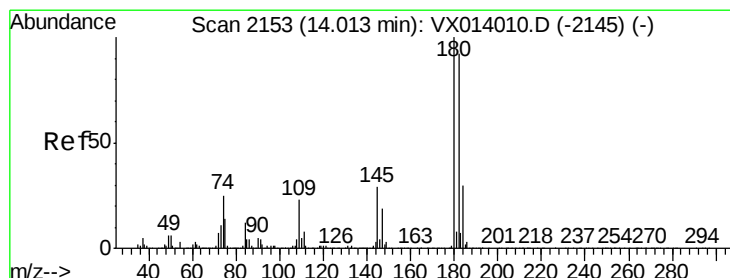
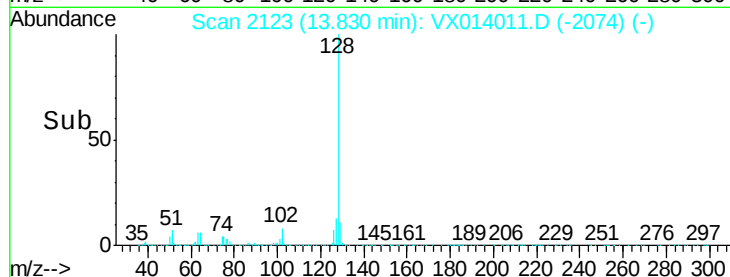
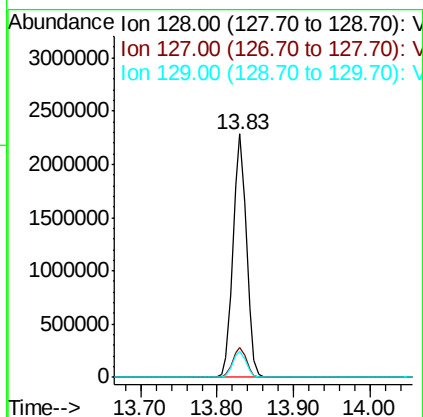
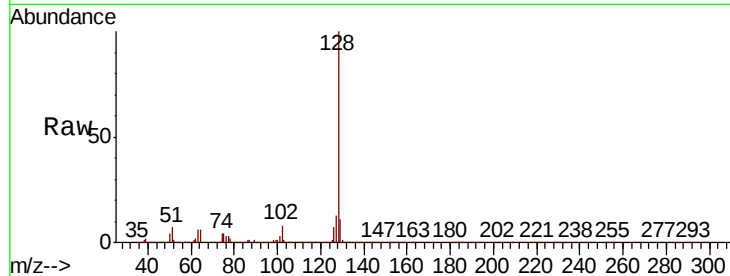
#95
Naphthalene
Concen: 101.586 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
12/16/2019 12:46:06 PM



#96
1,2,3-Trichlorobenzene
Concen: 99.469 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014011.D
Acq: 13 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.8	140.3
145	29.7	14.8	44.4

