

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022120\
 Data File : VX014983.D
 Acq On : 21 Feb 2020 09:14
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:28:44 AM

Quant Time: Feb 22 00:29:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 21 10:51:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	83999	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	455536	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	407584	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	178766	30.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.80%
60) 4-Bromofluorobenzene	11.13	95	185709	28.58	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.27%
63) Toluene-d8	8.71	98	542218	29.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.77%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	21645	4.064 ug/l	96
3) Chloromethane	1.32	50	26322	4.395 ug/l	94
4) Vinyl Chloride	1.41	62	27282	4.082 ug/l	92
5) Bromomethane	1.64	94	19136	4.384 ug/l	97
6) Chloroethane	1.72	64	19218	4.955 ug/l	98
7) Trichlorofluoromethane	1.93	101	39964	5.108 ug/l	97
8) Diethyl Ether	2.18	74	15497	4.558 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	22338	4.901 ug/l	96
10) 1,1-Dichloroethene	2.37	96	22122	4.818 ug/l	98
11) Methyl Iodide	2.50	142	18714	3.113 ug/l	96
12) Methyl Acetate	2.76	43	26595	3.417 ug/l	98
13) Acrolein	2.28	56	27723	30.340 ug/l	98
14) Acrylonitrile	3.13	53	58241	21.032 ug/l	97
15) Acetone	2.43	58	21123	22.293 ug/l	99
16) Carbon Disulfide	2.56	76	58167m	4.639 ug/l	
17) Allyl chloride	2.72	41	36815	4.381 ug/l	94
18) Methylene Chloride	2.85	84	26837	5.009 ug/l	96
19) trans-1,2-Dichloroethene	3.16	96	24590	4.956 ug/l	96
20) Diisopropyl ether	3.84	45	77774	4.642 ug/l	90
21) 1,1-Dichloroethane	3.69	63	42754	4.706 ug/l	98
22) cis-1,2-Dichloroethene	4.59	96	26563	4.640 ug/l	96
23) tert-Butyl Alcohol	3.02	59	23169	20.202 ug/l	100
24) Methyl tert-Butyl Ether	3.18	73	71491	4.686 ug/l	98
25) Chloroform	5.20	83	43604	4.901 ug/l	94
26) Cyclohexane	5.57	56	37205	4.453 ug/l #	98
29) 1,1-Dichloropropene	5.79	75	31510	4.783 ug/l	99
30) 2-Butanone	4.65	43	86389	21.012 ug/l	100
31) 2,2-Dichloropropane	4.57	77	34850	4.910 ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	36703	5.004 ug/l	96
33) Carbon Tetrachloride	5.77	117	32038	5.062 ug/l	92
34) Benzene	6.13	78	98398	4.859 ug/l	97
35) Methacrylonitrile	5.02	41	18409m	4.505 ug/l	
36) 1,2-Dichloroethane	6.19	62	35067m	4.957 ug/l	
37) Trichloroethene	7.20	130	26756	4.820 ug/l	98
38) Methylcyclohexane	7.45	83	39015	4.771 ug/l	98
39) 1,2-Dichloropropane	7.50	63	25070	4.770 ug/l	100
40) Dibromomethane	7.65	93	16653	4.865 ug/l	97

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:28:44 AM

Quant Time: Feb 22 00:29:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 21 10:51:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	30337	4.529	ug/l	95
42) Vinyl Acetate	3.80	43	304276	23.443	ug/l	99
43) Ethyl Acetate	4.82	43	31050	4.191	ug/l	98
44) Isopropyl Acetate	6.43	43	52454	4.348	ug/l	99
45) 1,4-Dioxane	7.73	88	9698	81.847	ug/l	96
46) Methyl methacrylate	7.76	41	25075	4.232	ug/l	88
47) n-amyl Acetate	10.89	43	39978	3.913	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	31341	4.287	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	35799	4.355	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	24280	4.693	ug/l	95
51) Ethyl methacrylate	9.17	69	33152	4.115	ug/l	99
52) 1,3-Dichloropropane	9.36	76	41961	4.787	ug/l	97
53) Dibromochloromethane	9.57	129	23424	4.371	ug/l	95
54) 1,2-Dibromoethane	9.67	107	26049	4.858	ug/l	95
55) 2-Chloroethyl vinyl ether	8.30	63	101352	26.585	ug/l	100
56) Bromoform	10.85	173	17365	4.206	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	156166	21.056	ug/l	99
59) 2-Hexanone	9.48	43	117968	20.479	ug/l	99
61) Tetrachloroethene	9.33	164	29002	4.922	ug/l	93
62) Toluene	8.78	91	107139	5.018	ug/l	97
64) Chlorobenzene	10.13	112	66978	5.010	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	23594	4.774	ug/l	99
66) Ethyl Benzene	10.25	91	109289	4.683	ug/l	100
67) m/p-Xylenes	10.36	106	84512	9.460	ug/l	98
68) o-Xylene	10.70	106	41211	4.740	ug/l	100
69) Styrene	10.71	104	66815	4.532	ug/l	99
70) Isopropylbenzene	11.01	105	110448	4.826	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	35432	4.648	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	29919m	4.485	ug/l	
73) Bromobenzene	11.25	156	29747	4.887	ug/l	99
74) n-propylbenzene	11.35	91	119121	4.550	ug/l	100
75) 2-Chlorotoluene	11.42	91	73668	4.703	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	87776	4.599	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	9364	3.714	ug/l	89
78) 4-Chlorotoluene	11.51	91	82596	4.639	ug/l	100
79) tert-butylbenzene	11.76	119	86152	4.798	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	87566	4.612	ug/l	100
81) sec-Butylbenzene	11.94	105	102305	4.618	ug/l	99
82) p-Isopropyltoluene	12.06	119	92576	4.572	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	51005	4.809	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	51660	4.869	ug/l	99
85) n-Butylbenzene	12.38	91	73361	4.139	ug/l	99
86) Hexachloroethane	12.59	117	17007	4.702	ug/l	89
87) 1,2-Dichlorobenzene	12.39	146	50216	4.698	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	7292	4.467	ug/l	93
89) 1,2,4-Trichlorobenzene	13.64	180	32927	4.593	ug/l	97
90) Hexachlorobutadiene	13.78	225	17665	4.942	ug/l	99
91) Naphthalene	13.83	128	85275	3.983	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	34355	4.725	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

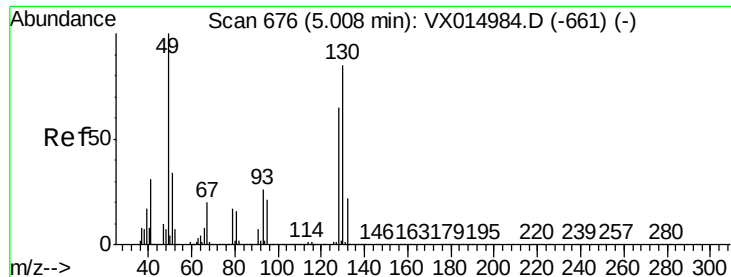
Manual Integrations
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2/24/2020 11:28:44 AM

Quant Time: Feb 22 00:29:14 2020
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QLast Update : Fri Feb 21 10:51:02 2020
Response via : Initial Calibration

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

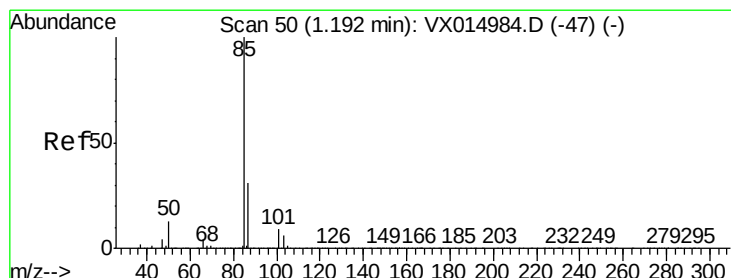
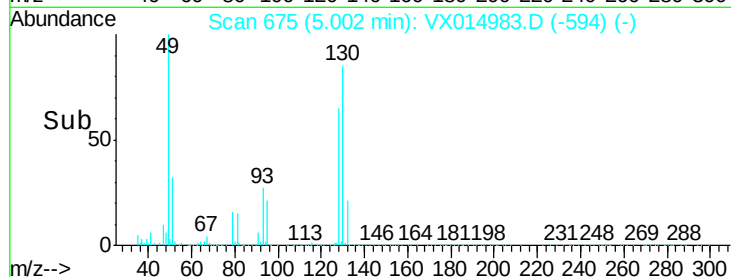
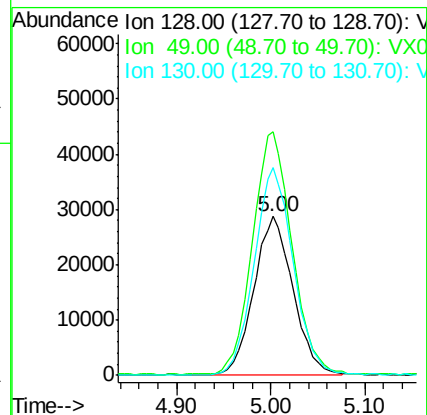
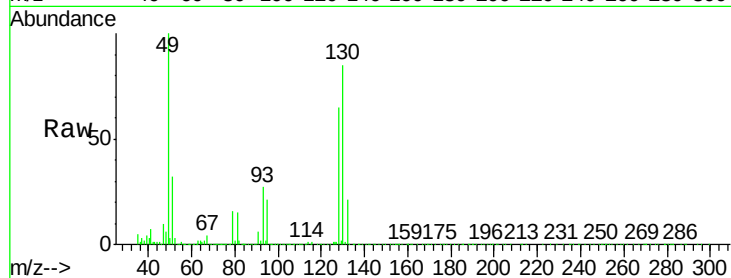
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	83999
Ion	Ratio	Lower	Upper
128	100		
49	152.8	0.0	384.7
130	130.2	0.0	330.8

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#2

Dichlorodifluoromethane

Concen: 4.064 ug/l

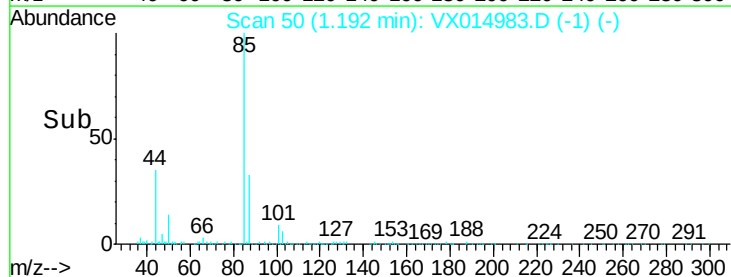
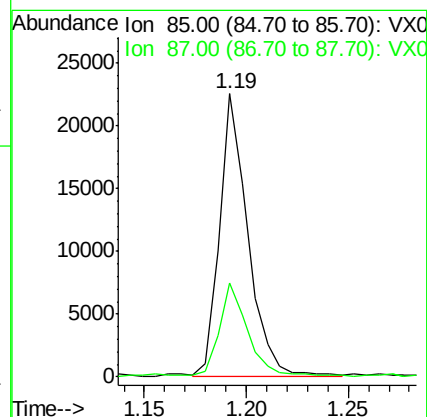
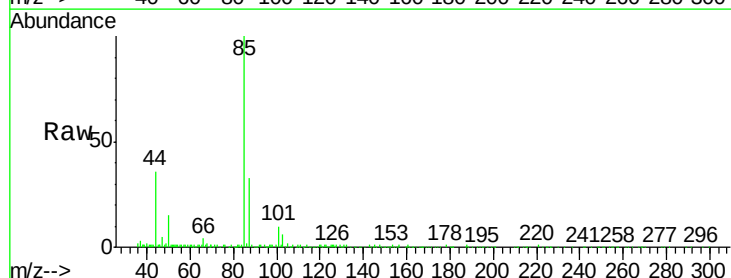
RT: 1.19 min Scan# 50

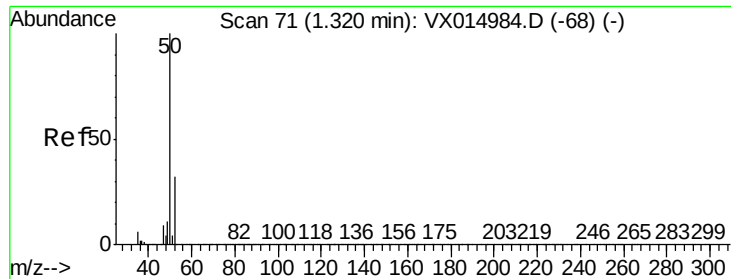
Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Tgt Ion:	85	Resp:	21645
Ion	Ratio	Lower	Upper
85	100		
87	32.7	15.3	45.9





#3

Chloromethane

Concen: 4.395 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 26322

Ion Ratio Lower Upper

50 100

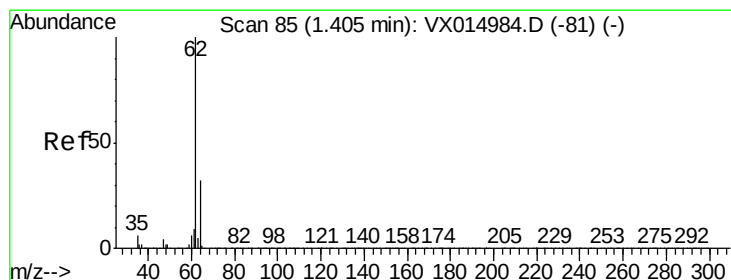
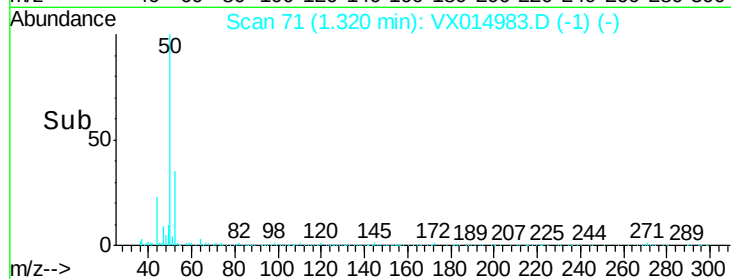
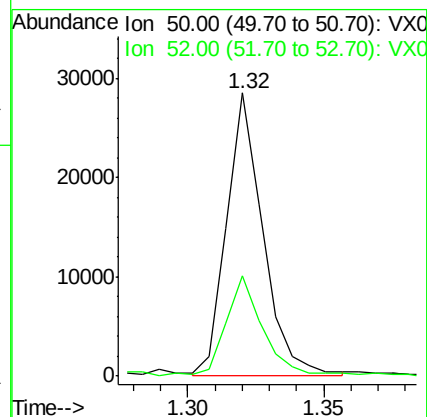
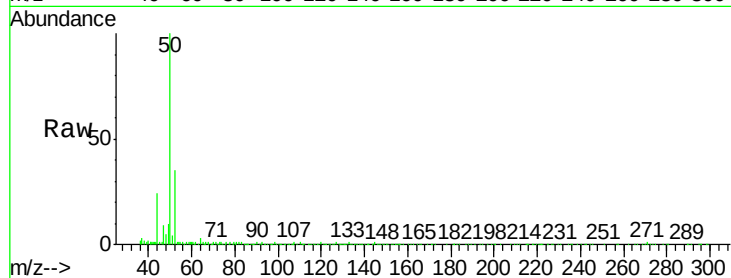
52 34.8 25.4 38.0

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#4

Vinyl Chloride

Concen: 4.082 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.00 min

Lab File: VX014983.D

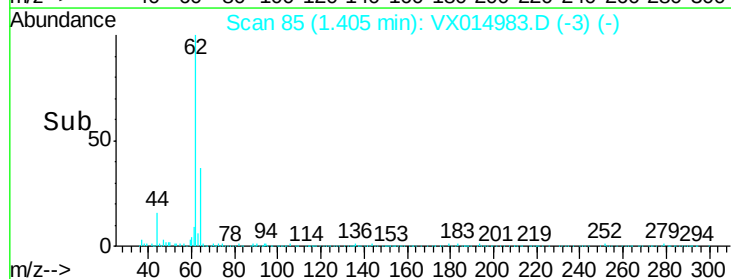
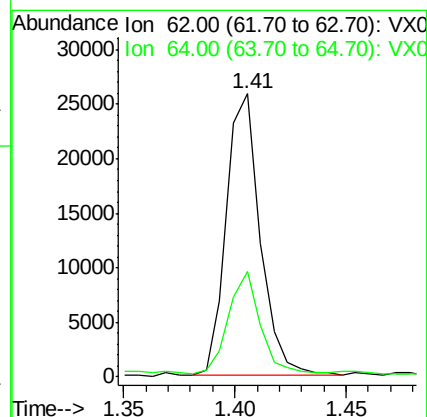
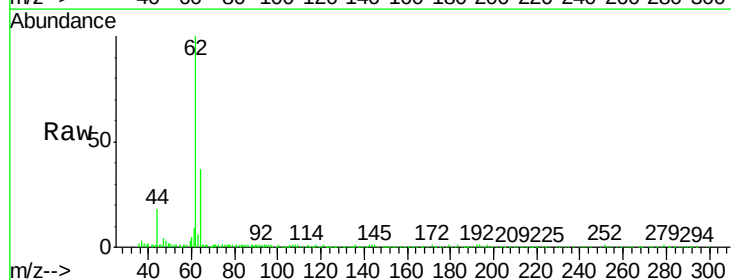
Acq: 21 Feb 2020 09:14

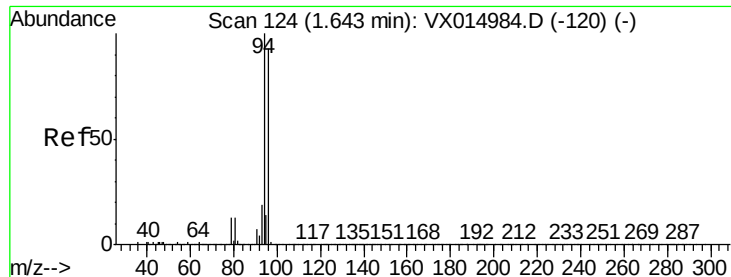
Tgt Ion: 62 Resp: 27282

Ion Ratio Lower Upper

62 100

64 36.0 25.4 38.0





#5

Bromomethane

Concen: 4.384 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 19136

Ion Ratio Lower Upper

94 100

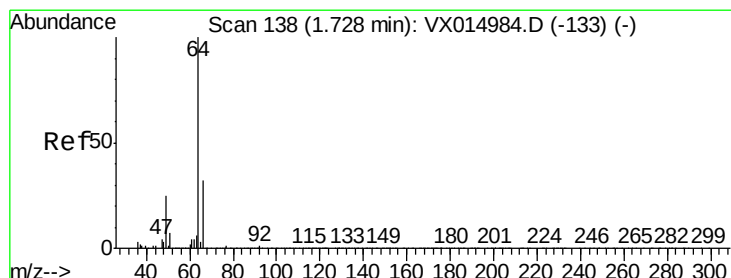
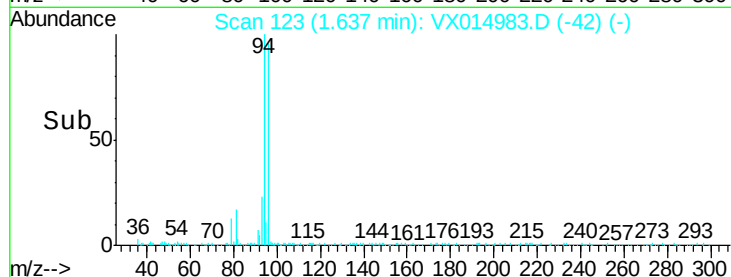
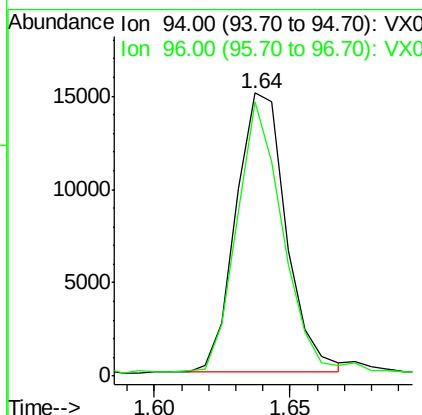
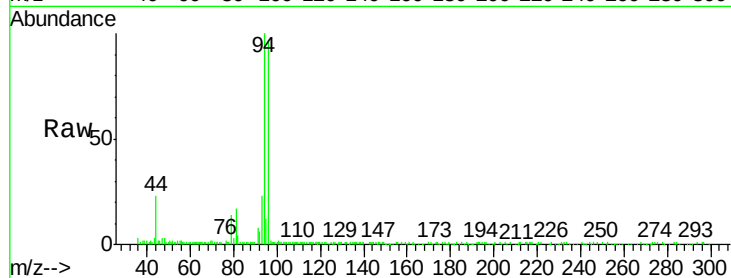
96 96.6 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 4.955 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX014983.D

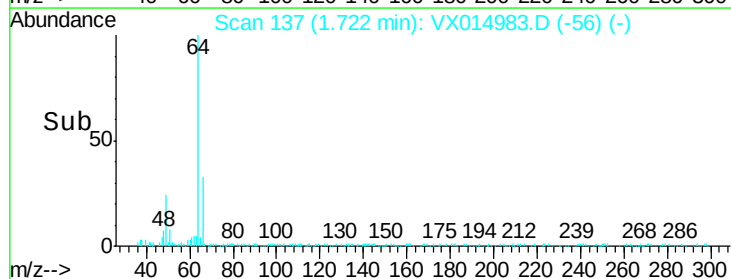
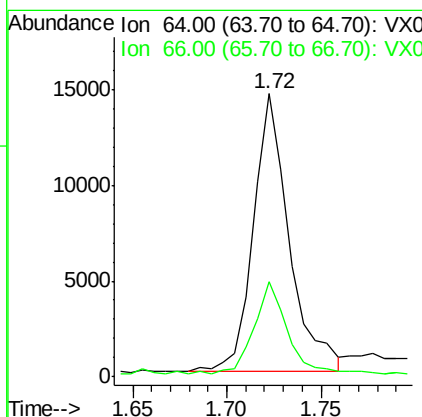
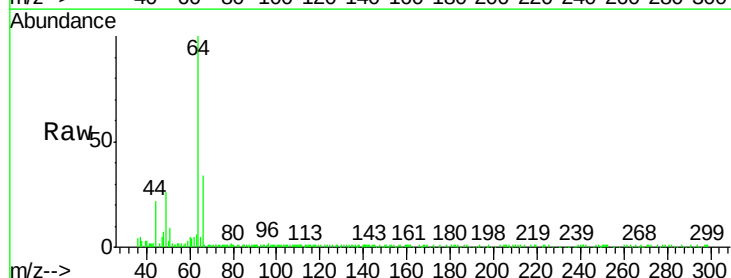
Acq: 21 Feb 2020 09:14

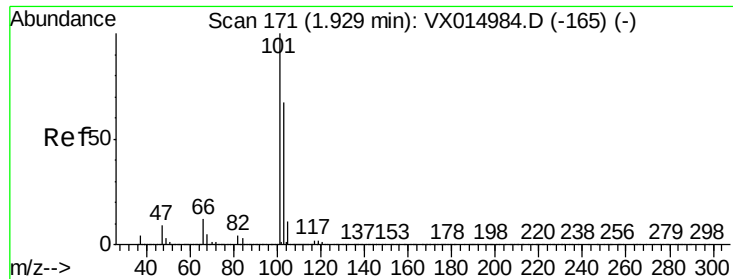
Tgt Ion: 64 Resp: 19218

Ion Ratio Lower Upper

64 100

66 33.3 25.8 38.6





#7

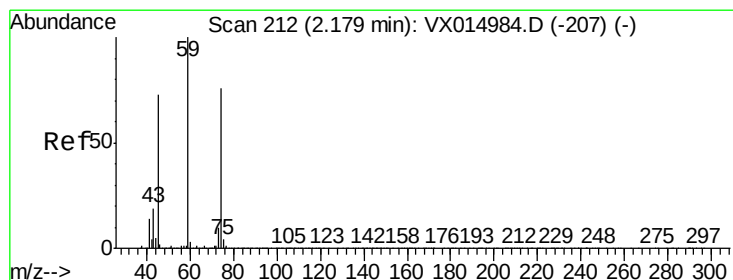
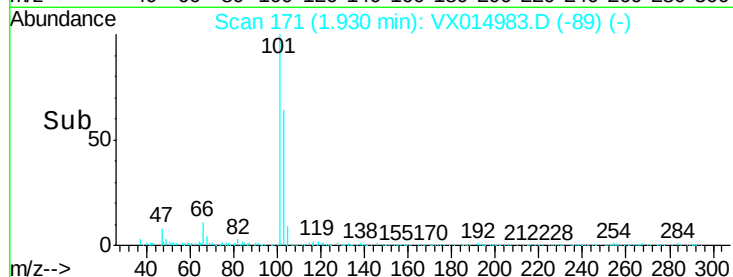
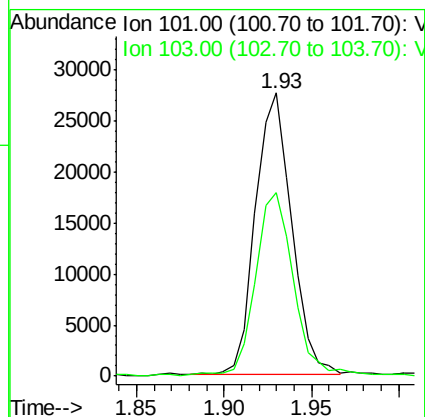
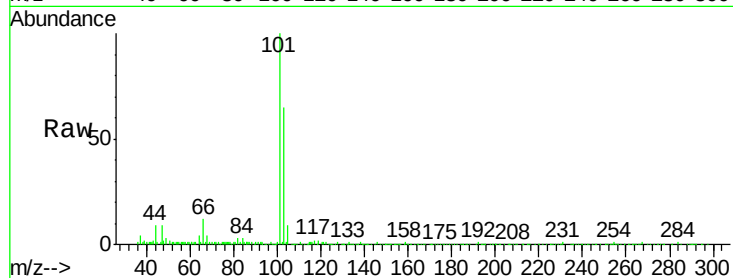
Trichlorofluoromethane
Concen: 5.108 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	53.4	80.2

Manual Integrations
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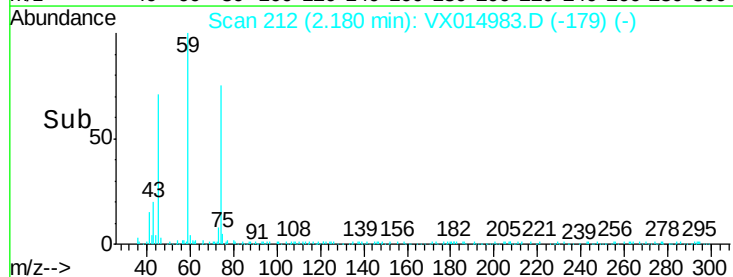
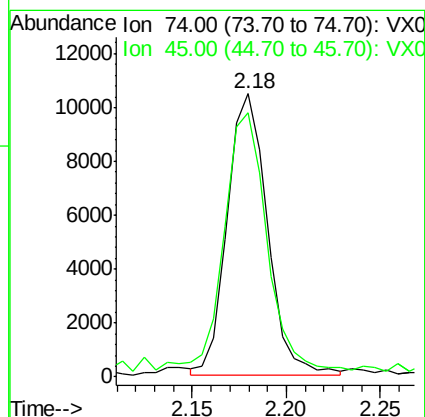
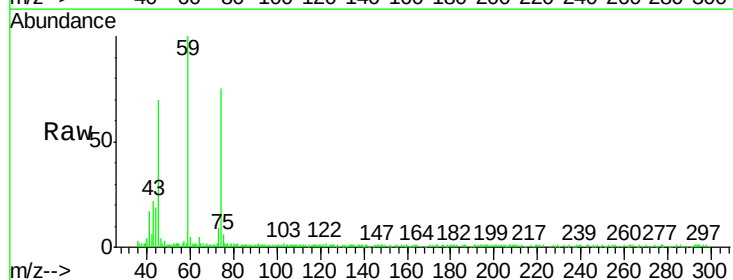
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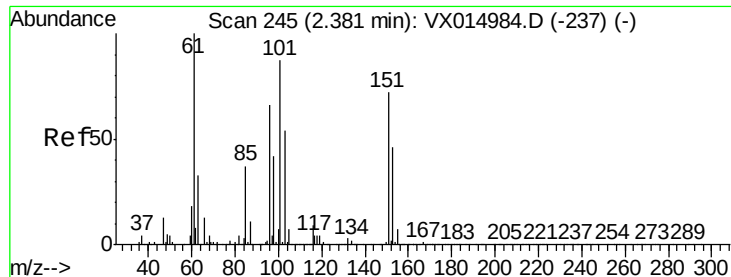


#8

Diethyl Ether
Concen: 4.558 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	19.6	176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.901 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

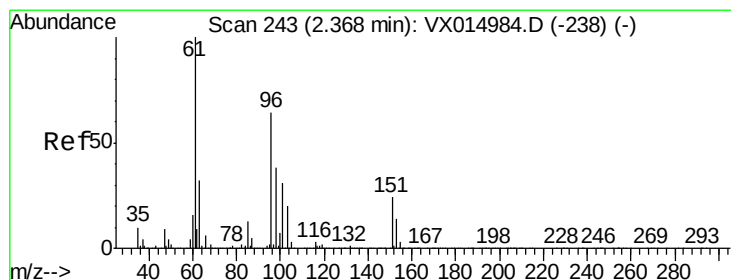
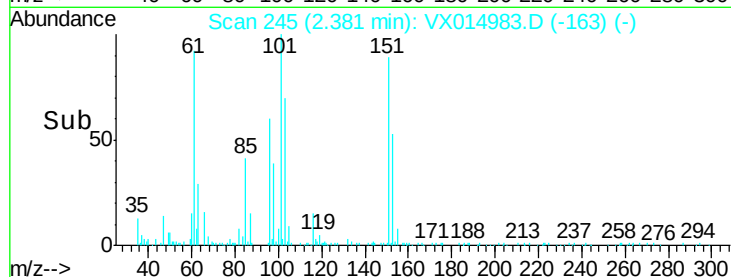
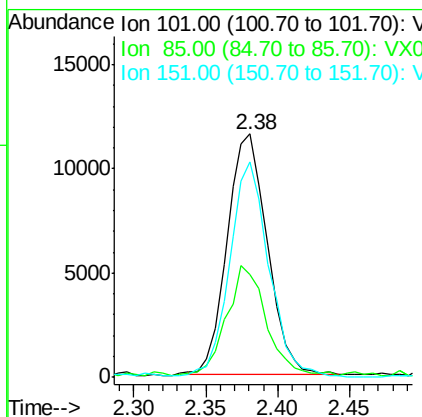
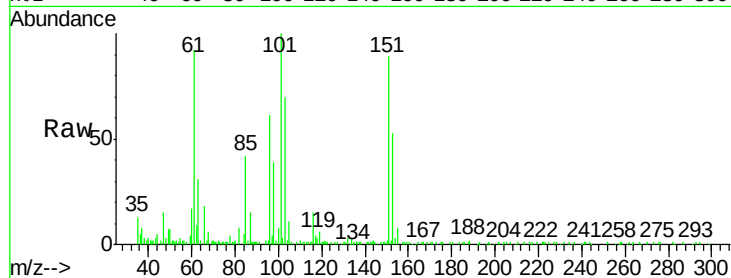
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	22338
Ion Ratio	Lower	Upper	
101	100		
85	44.5	0.0	86.6
151	88.6	0.0	167.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 4.818 ug/l

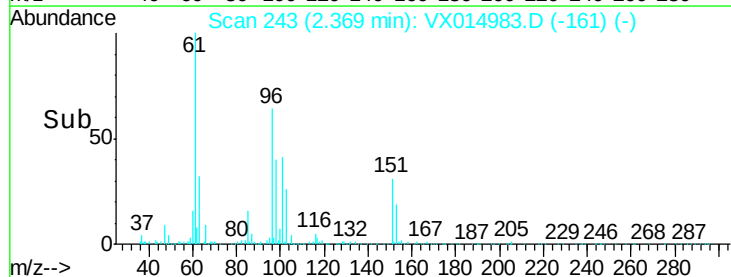
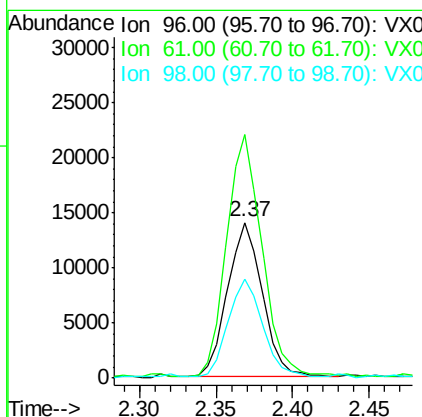
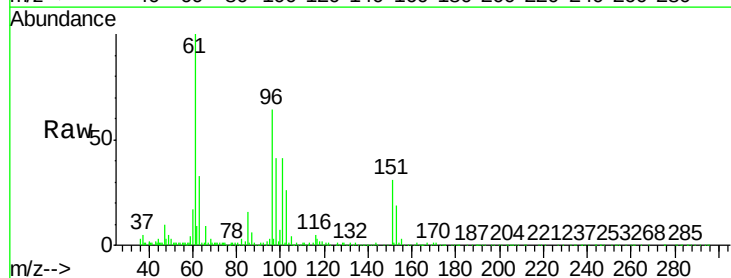
RT: 2.37 min Scan# 243

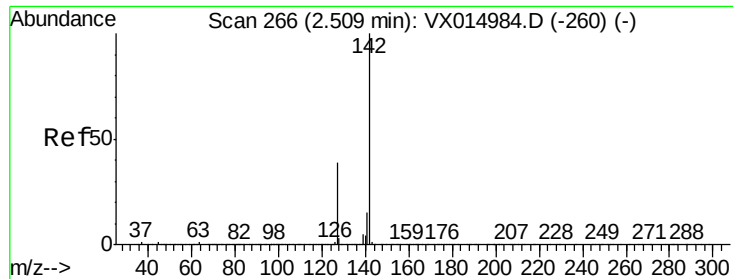
Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Tgt Ion:	96	Resp:	22122
Ion Ratio	Lower	Upper	
96	100		
61	157.0	126.1	189.1
98	63.8	48.2	72.2





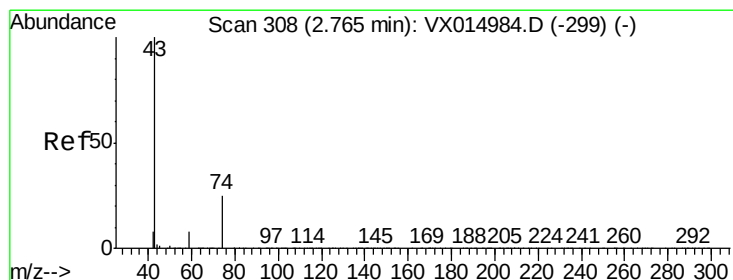
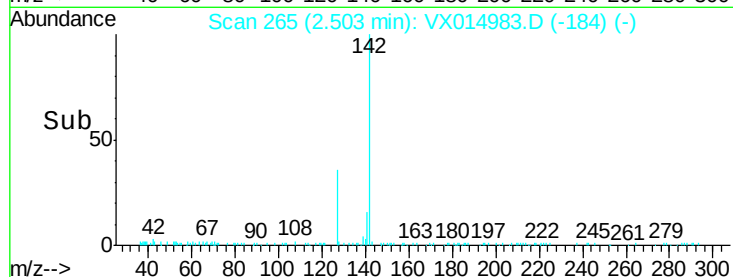
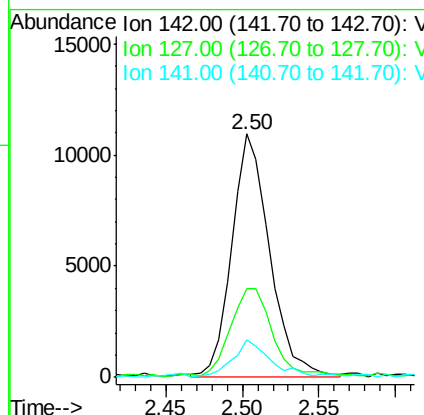
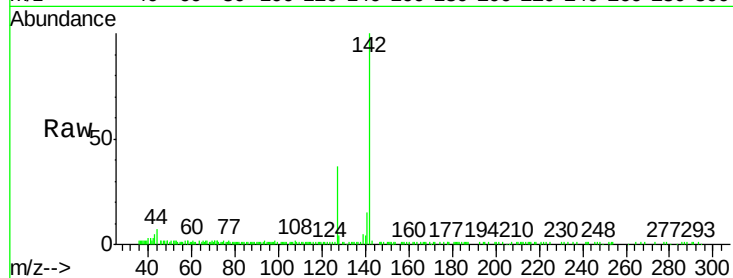
#11
Methvl Iodide
Concen: 3.113 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
142	100		
127	36.0	19.7	59.0
141	15.3	7.4	22.2

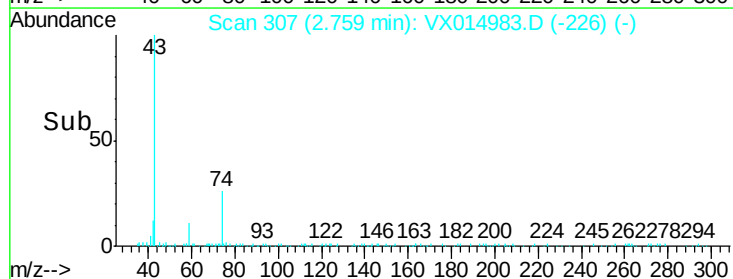
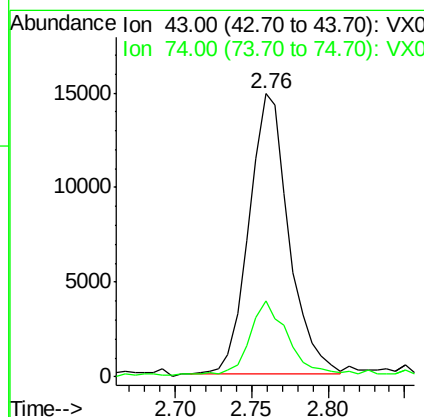
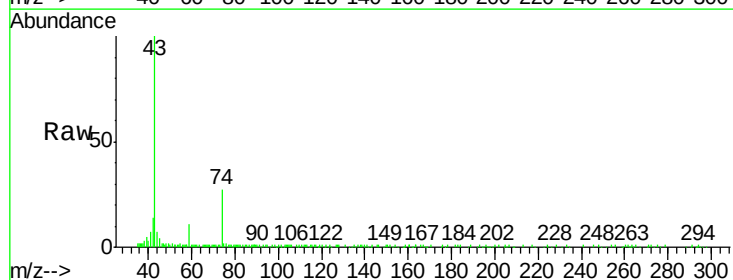
Manual Integrations
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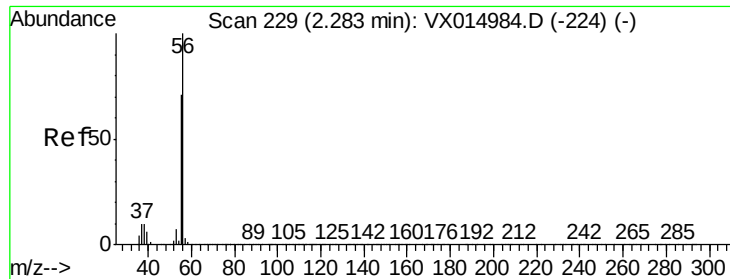
MMDadoda
2/24/2020 11:28:44 AM



#12
Methyl Acetate
Concen: 3.417 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	19.8	29.8





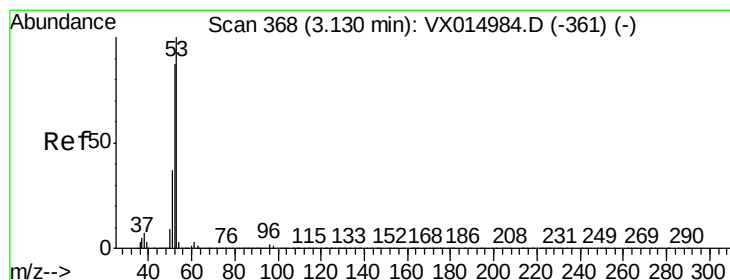
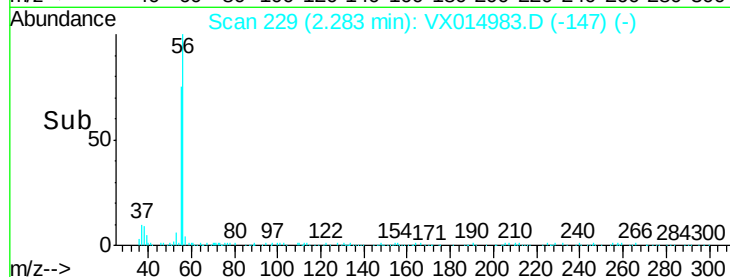
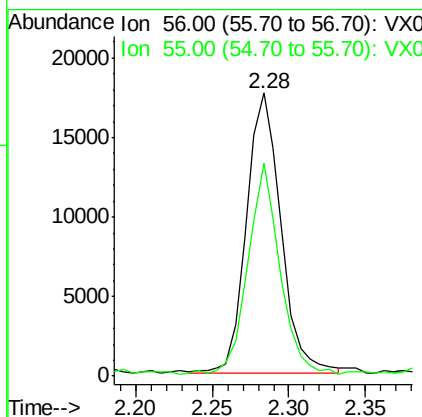
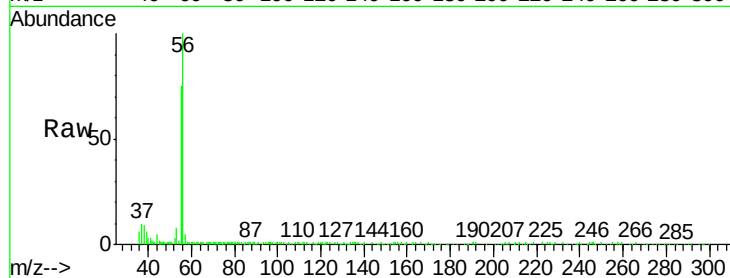
#13
Acrolein
Concen: 30.340 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	68.5	56.2	84.2	

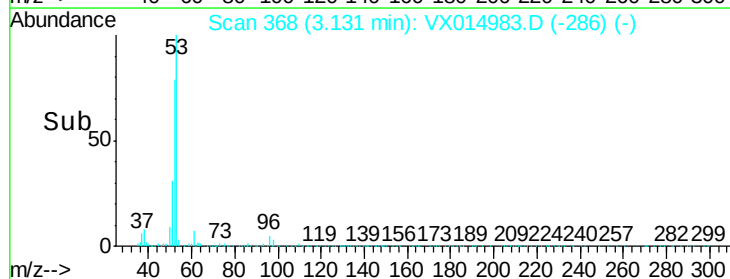
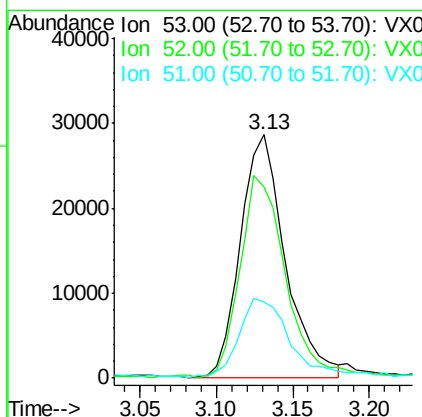
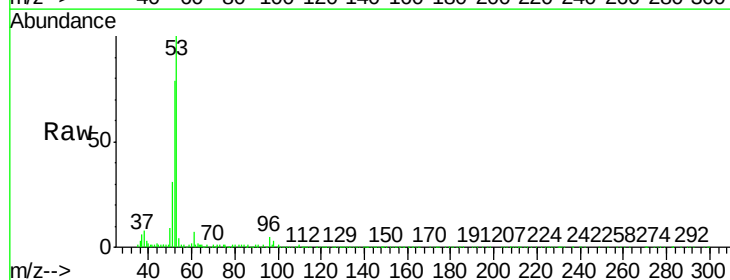
Manual Integrations
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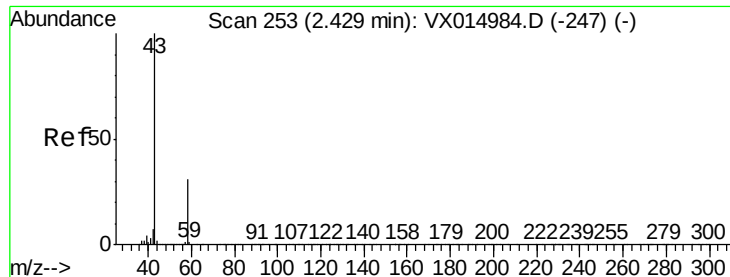
MMDadoda
2/24/2020 11:28:44 AM



#14
Acrylonitrile
Concen: 21.032 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	86.0	41.5	124.6	
51	37.1	18.1	54.4	





#15

Acetone

Concen: 22.293 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 58 Resp: 21123

Ion Ratio Lower Upper

58 100

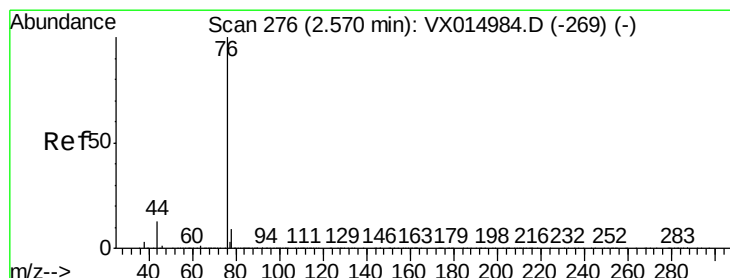
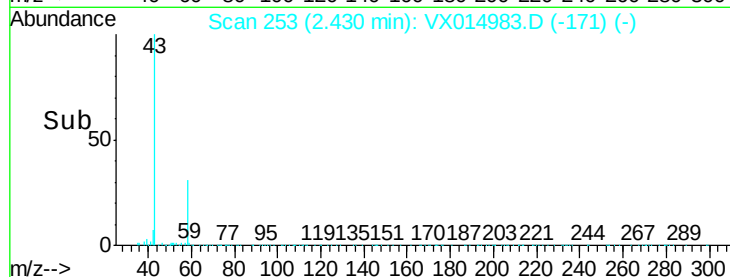
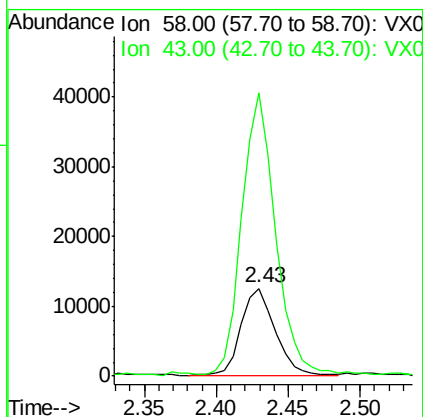
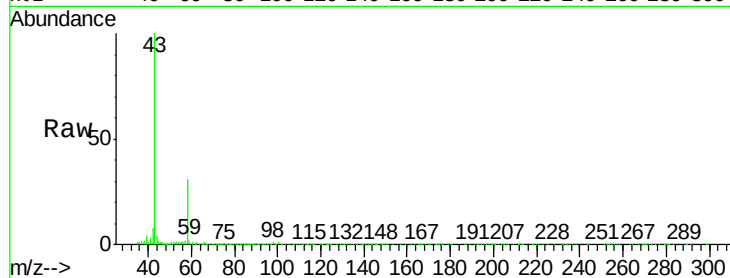
43 319.4 257.7 386.5

Manual Integrations

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#16

Carbon Disulfide

Concen: 4.639 ug/l m

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014983.D

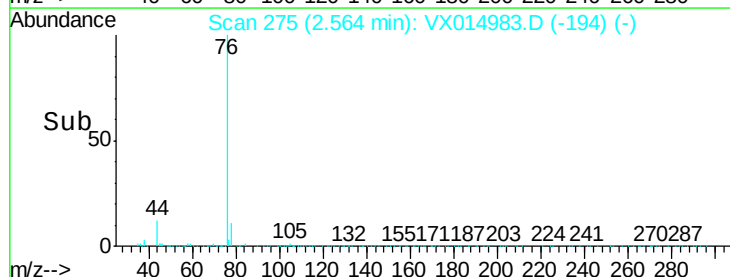
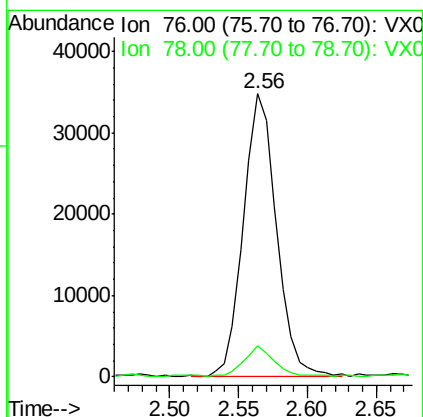
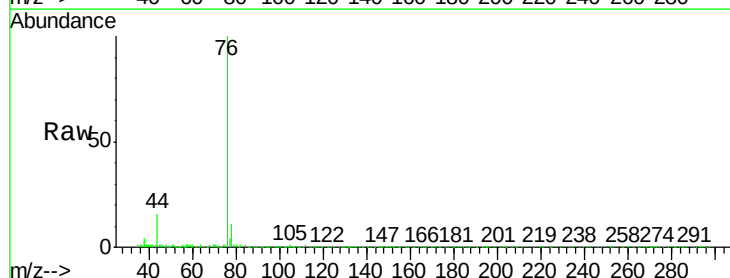
Acq: 21 Feb 2020 09:14

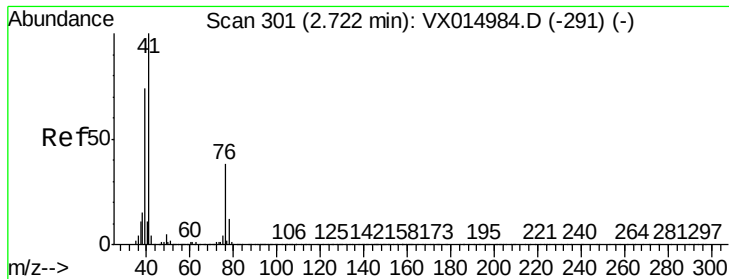
Tgt Ion: 76 Resp: 58167

Ion Ratio Lower Upper

76 100

78 11.2 7.1 10.7#





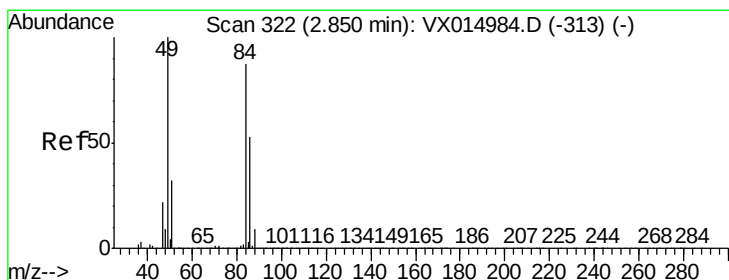
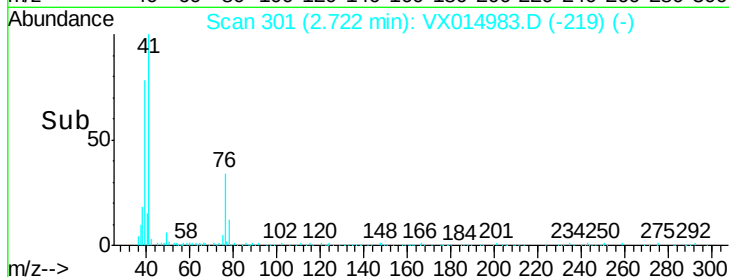
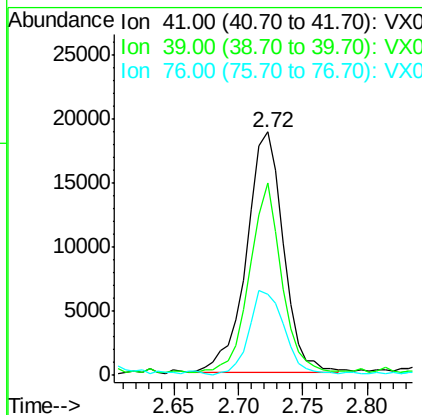
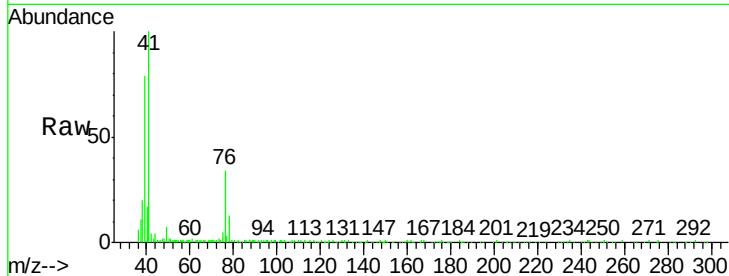
#17
Allvl chloride
Concen: 4.381 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	78.9	37.1	111.5
76	33.1	18.8	56.4

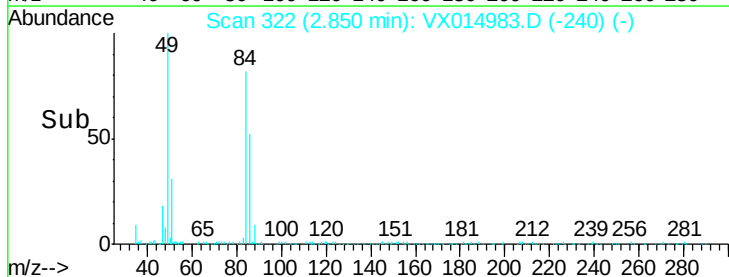
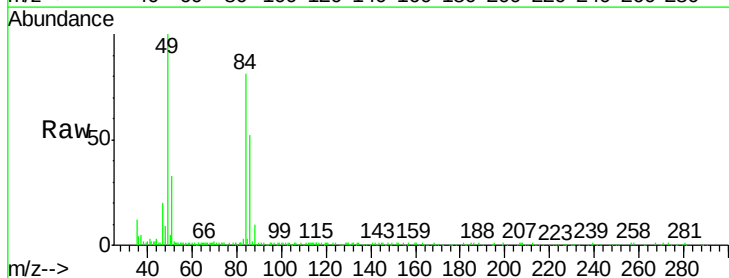
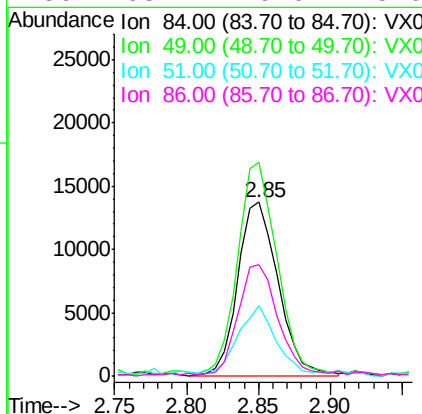
Manual Integrations
APPROVED

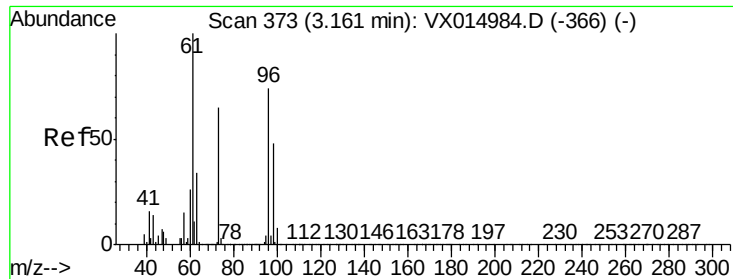
MMDadoda
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#18
Methylene Chloride
Concen: 5.009 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.3	92.2	138.2
51	38.9	29.7	44.5
86	63.2	49.0	73.6





#19

trans-1,2-Dichloroethene

Concen: 4.956 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

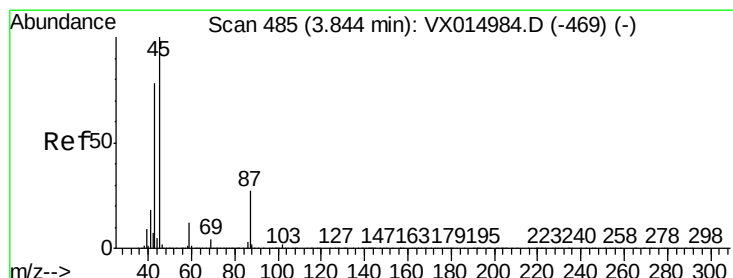
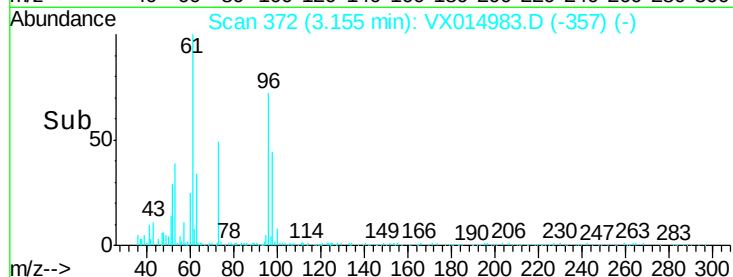
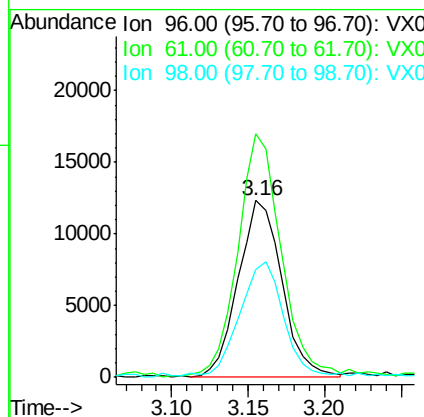
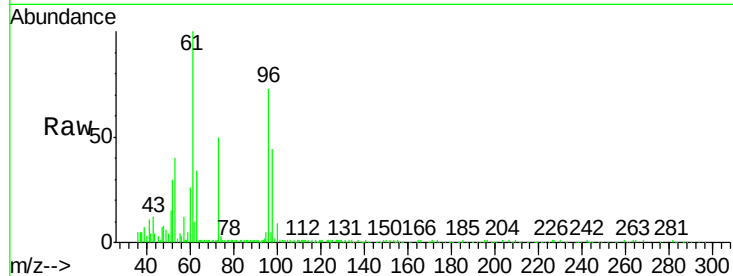
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	24590
Ion	Ratio	Lower	Upper
96	100		
61	136.2	107.1	160.7
98	58.6	51.4	77.2

Manual Integrations
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#20

Diisopropyl ether

Concen: 4.642 ug/l

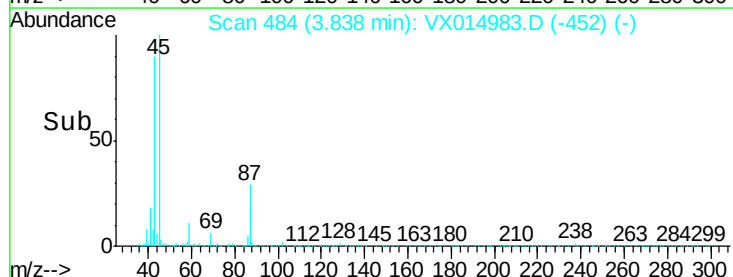
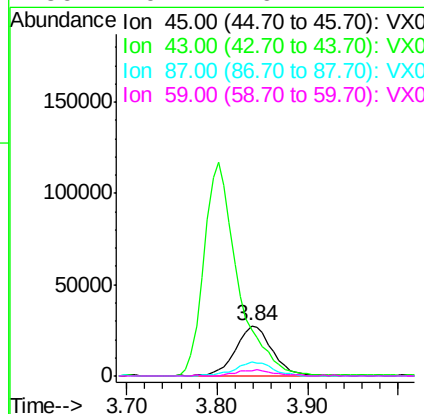
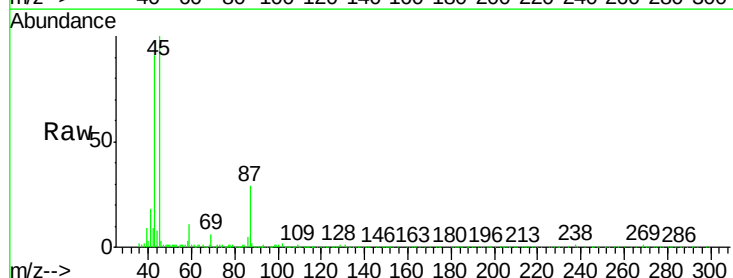
RT: 3.84 min Scan# 484

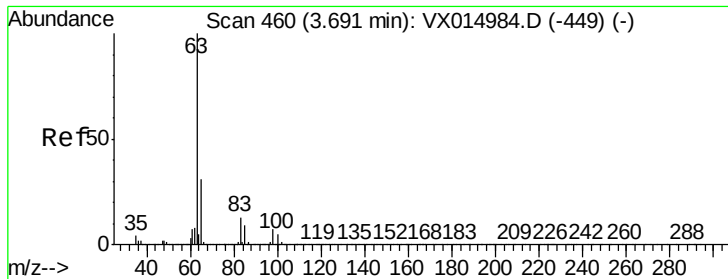
Delta R.T. -0.01 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Tgt Ion:	45	Resp:	77774
Ion	Ratio	Lower	Upper
45	100		
43	89.2	62.3	93.5
87	28.7	21.8	32.6
59	9.7	9.4	14.2





#21

1,1-Dichloroethane

Concen: 4.706 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

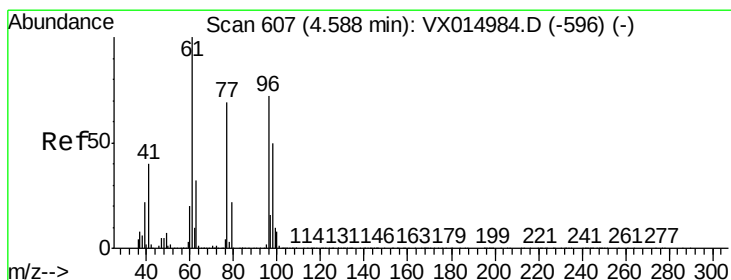
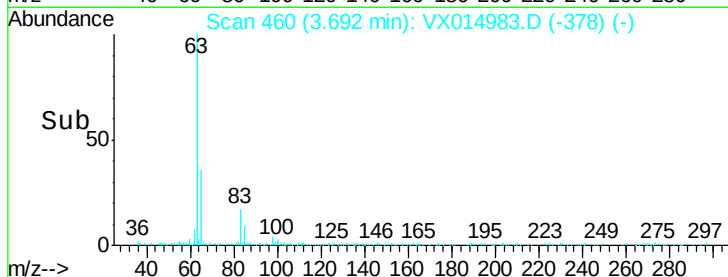
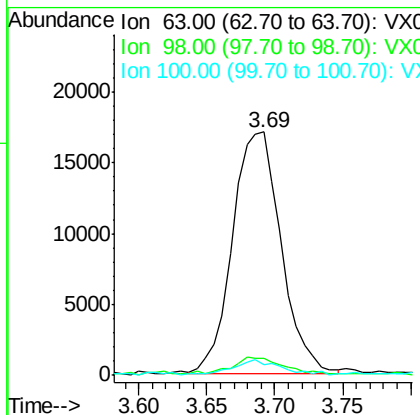
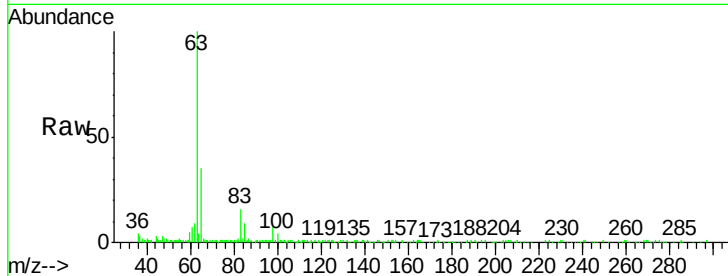
ClientSampleId :

VSTDIC005

Tot Ion:	63	Resp:	42754
Ion Ratio	Lower	Upper	
63	100		
98	6.4	3.5	10.5
100	3.9	2.5	7.5

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#22

cis-1,2-Dichloroethene

Concen: 4.640 ug/l

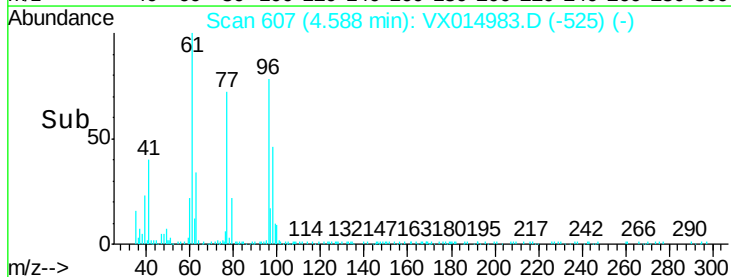
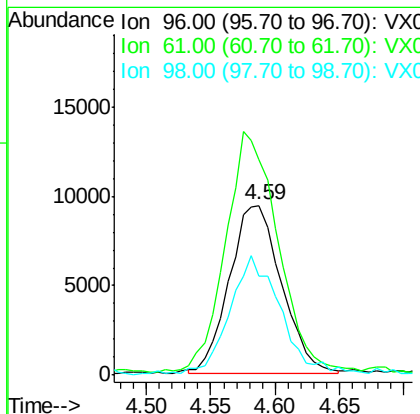
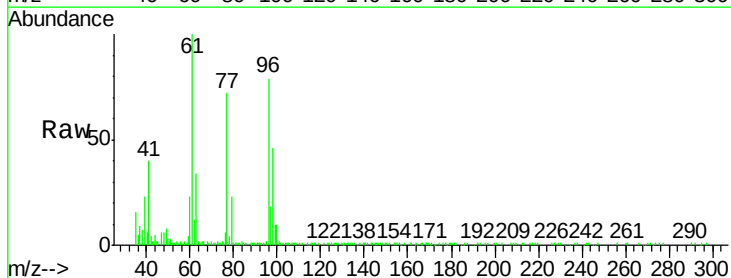
RT: 4.59 min Scan# 607

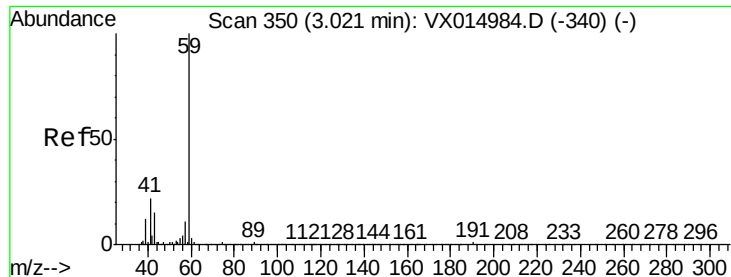
Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Tgt Ion:	96	Resp:	26563
Ion Ratio	Lower	Upper	
96	100		
61	143.6	110.6	165.8
98	65.1	50.4	75.6





#23

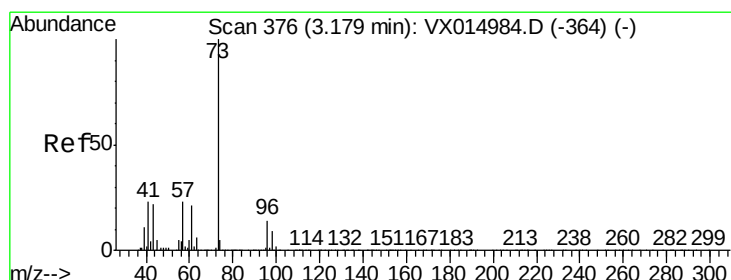
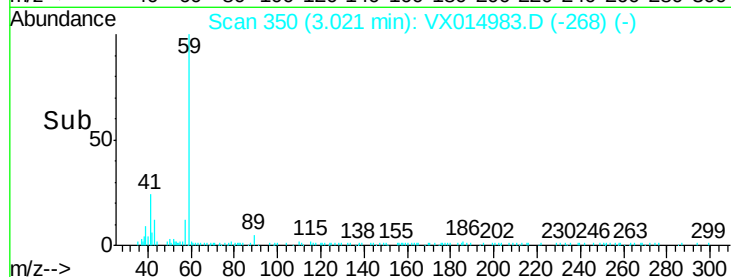
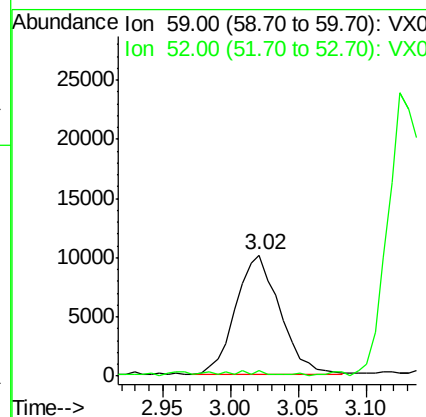
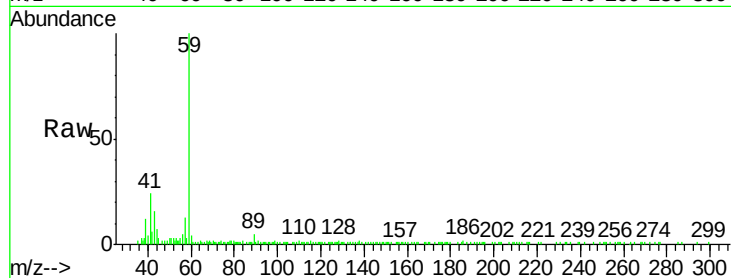
tert-Butyl Alcohol
Concen: 20.202 ug/l
RT: 3.02 min Scan# 350
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.5	0.4	0.6

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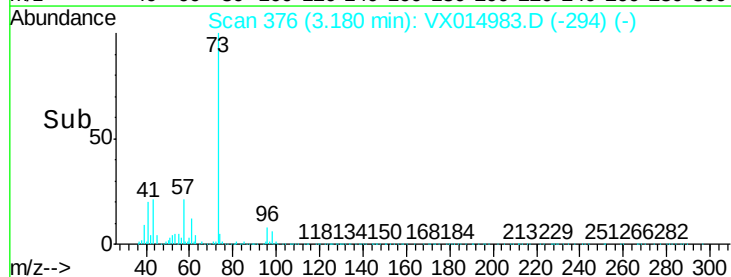
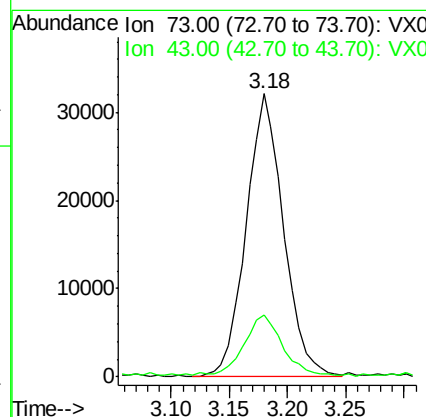
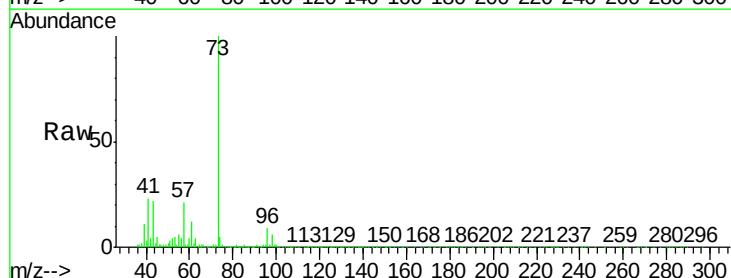
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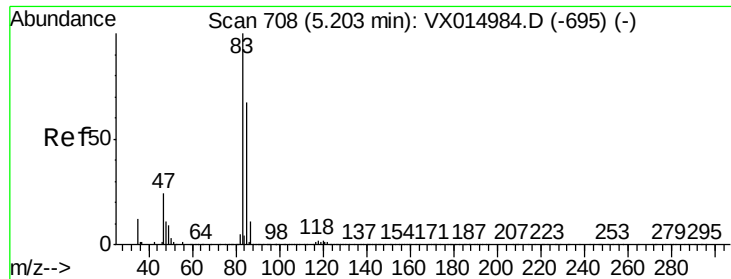


#24

Methyl tert-Butyl Ether
Concen: 4.686 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.4	17.7	26.5





#25

Chloroform

Concen: 4.901 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 83 Resp: 43604

Ion Ratio Lower Upper

83 100

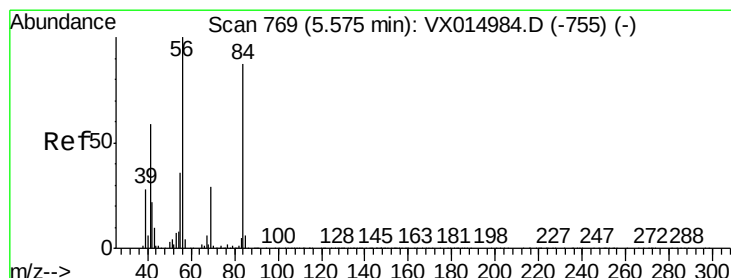
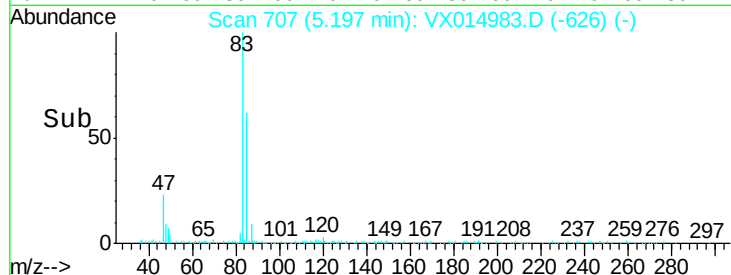
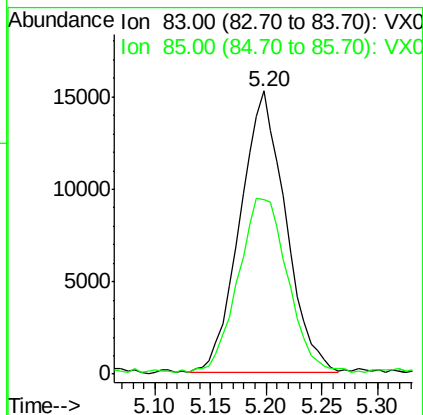
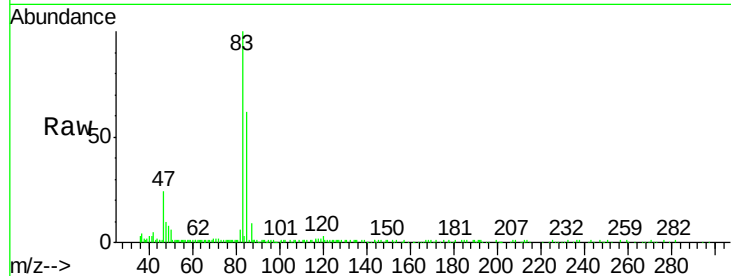
85 61.8 53.4 80.0

Manual Integrations

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#26

Cyclohexane

Concen: 4.453 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

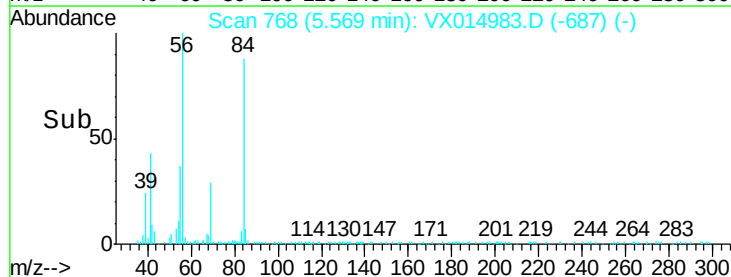
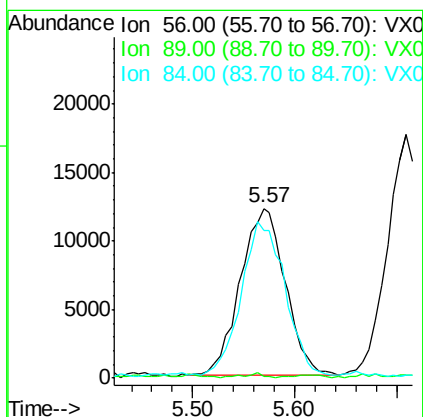
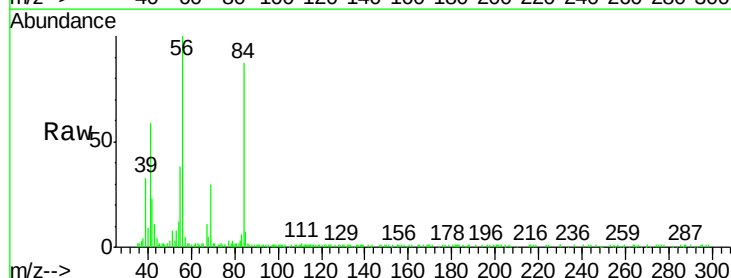
Tgt Ion: 56 Resp: 37205

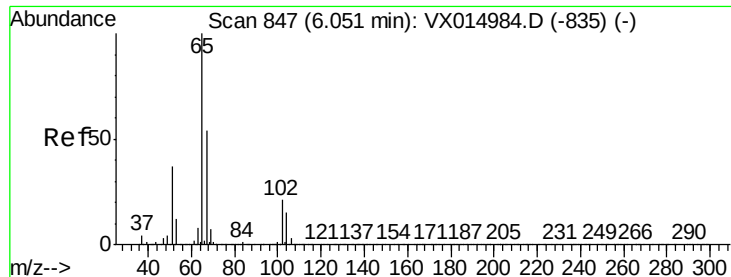
Ion Ratio Lower Upper

56 100

89 0.5 0.2 0.2#

84 88.2 71.8 107.8





#27

1,2-Dichloroethane-d4

Concen: 30.239 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 178766

Ion Ratio Lower Upper

65 100

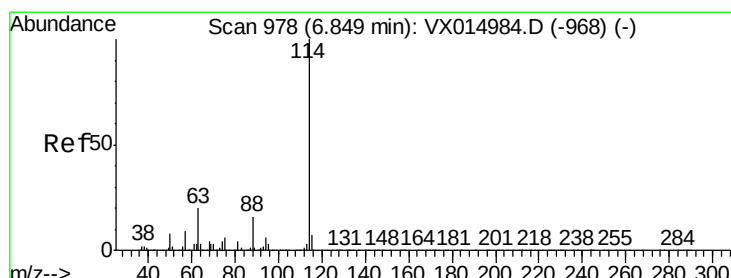
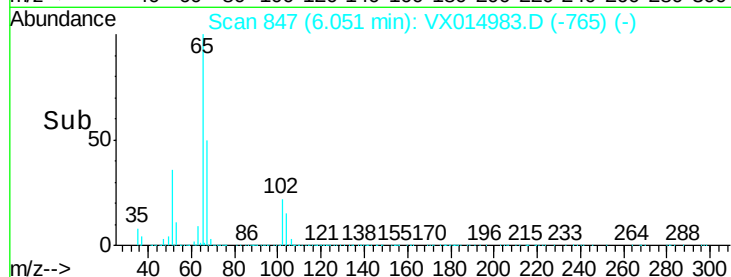
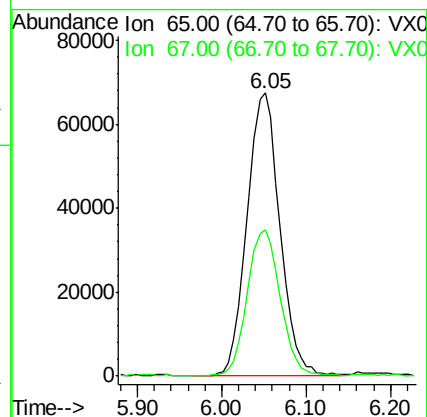
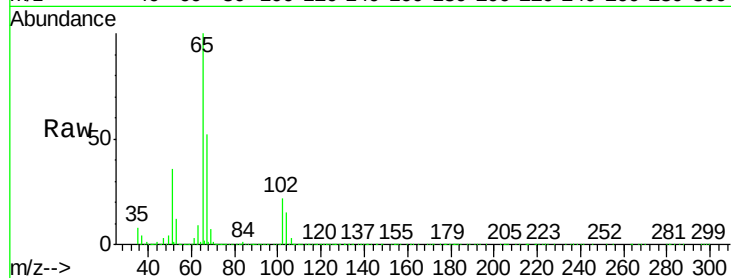
67 51.3 41.9 62.9

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

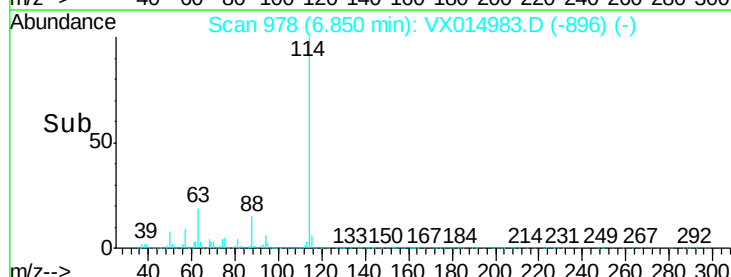
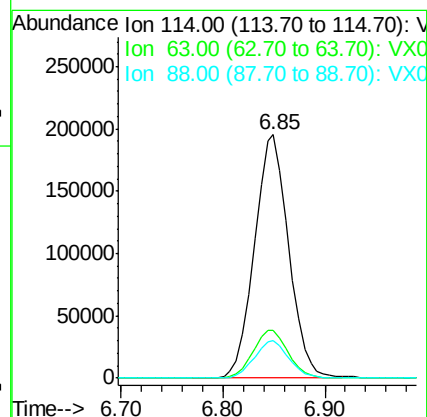
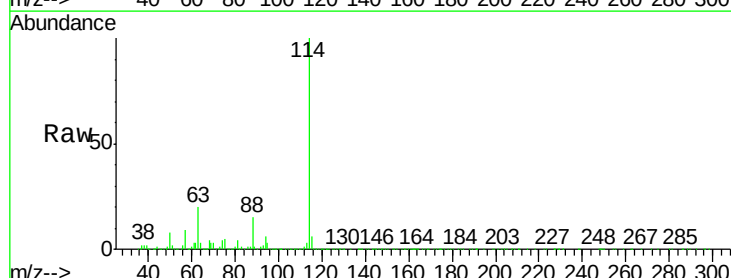
Tgt Ion: 114 Resp: 455536

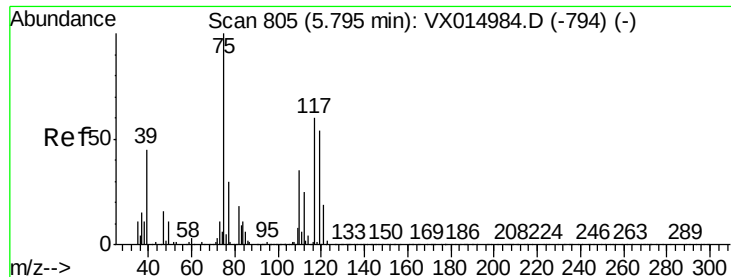
Ion Ratio Lower Upper

114 100

63 20.3 15.6 23.4

88 15.3 12.2 18.2





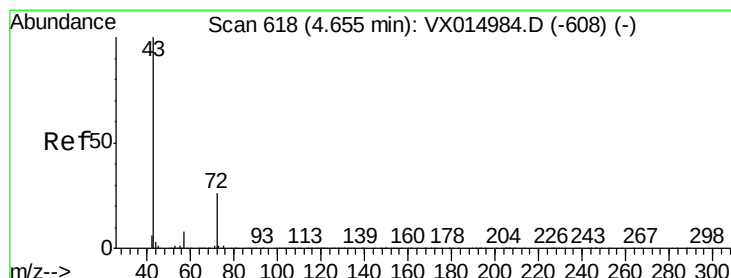
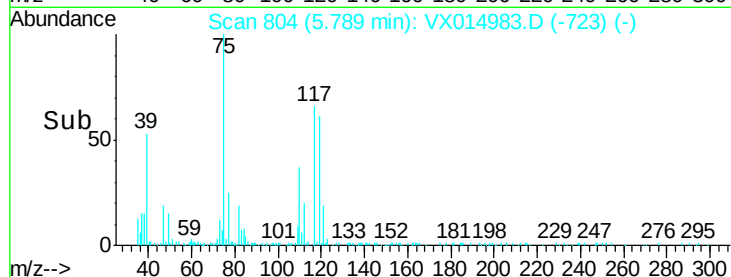
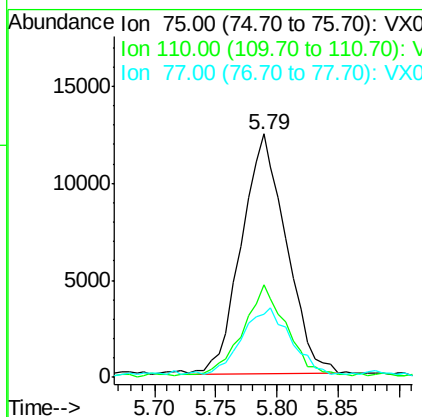
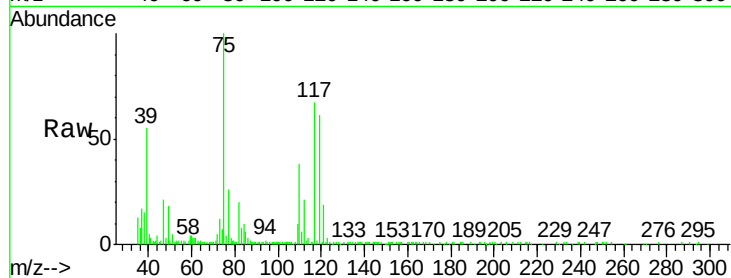
#29
 1,1-Dichloropropene
 Concen: 4.783 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014983.D
 Acq: 21 Feb 2020 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.2	0.0	75.0
77	31.4	0.0	64.0

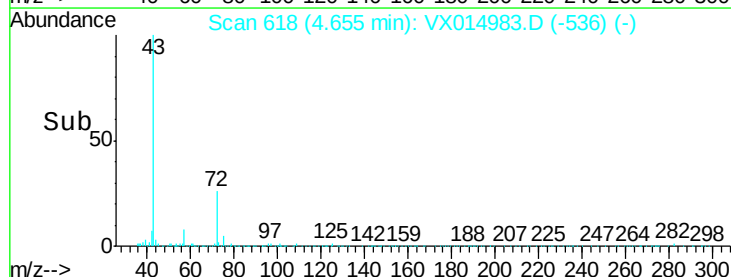
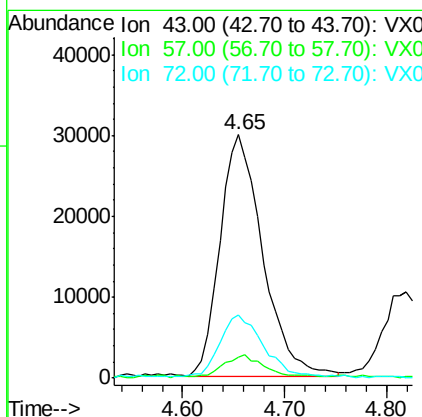
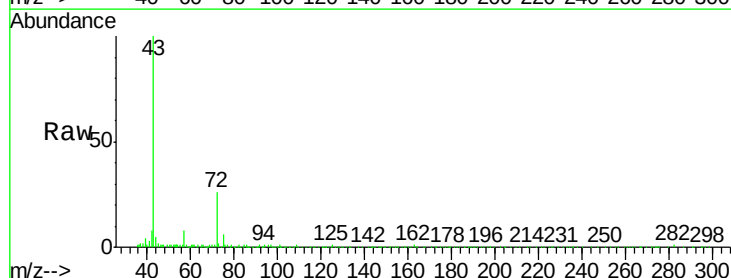
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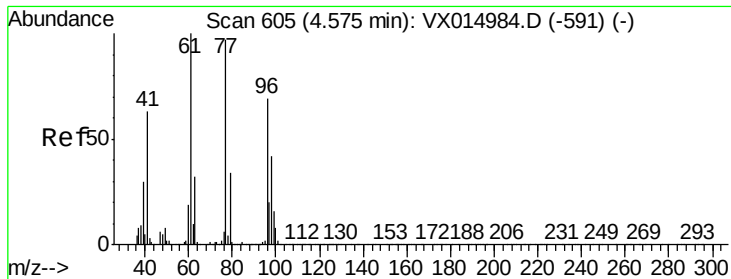
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#30
 2-Butanone
 Concen: 21.012 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX014983.D
 Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.5	9.7
72	25.5	20.3	30.5





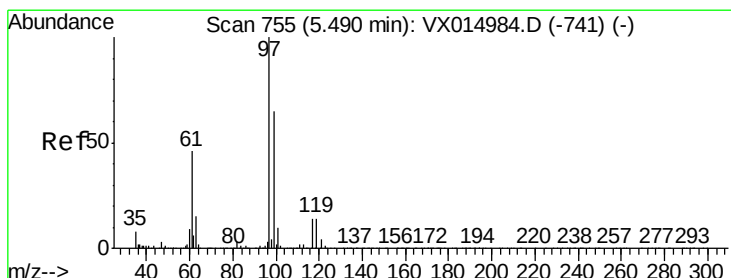
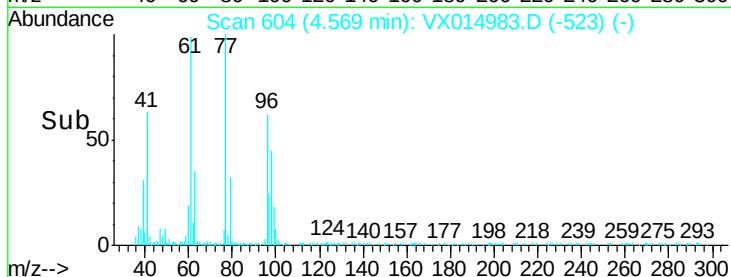
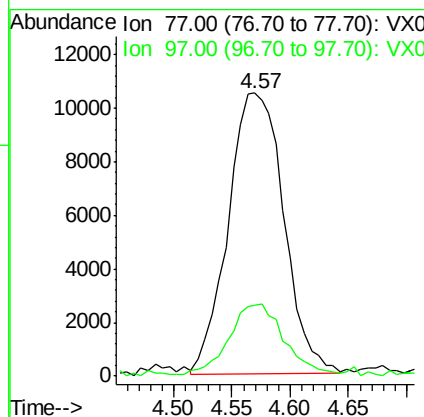
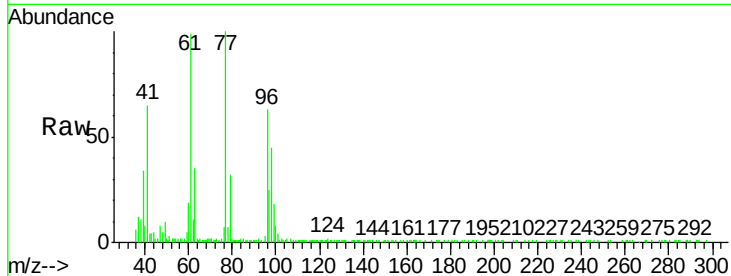
#31
 2,2-Dichloropropane
 Concen: 4.910 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VX014983.D
 Acq: 21 Feb 2020 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
77	100		
97	26.0	18.4	27.6

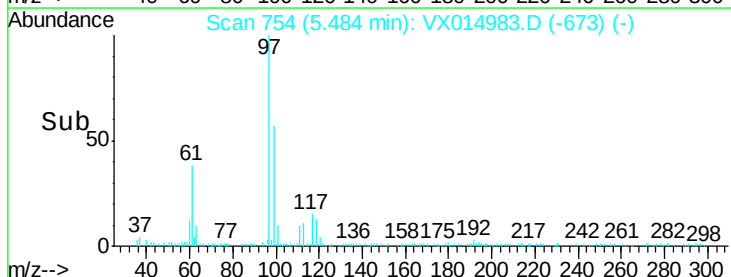
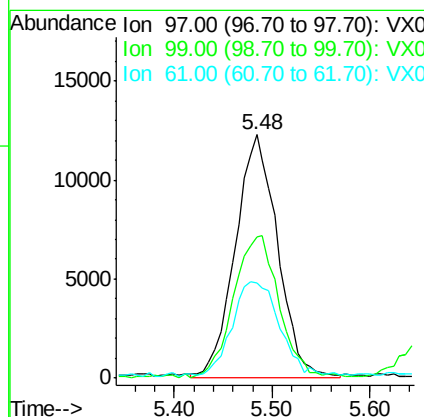
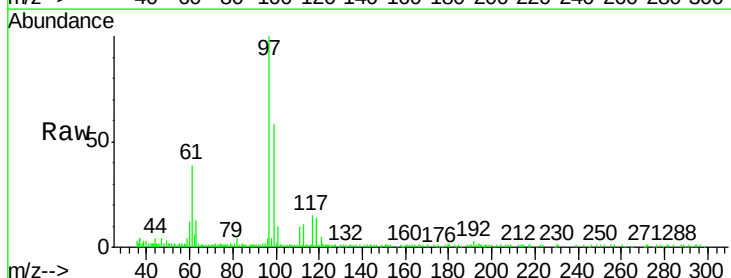
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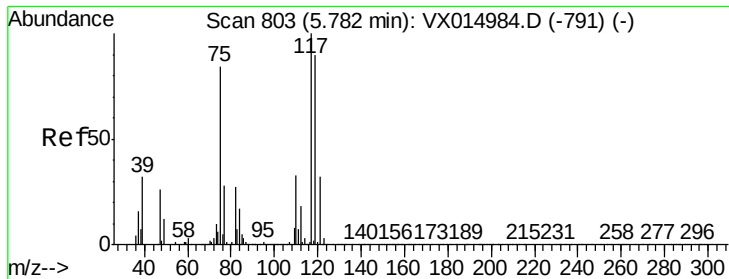
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#32
 1,1,1-Trichloroethane
 Concen: 5.004 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014983.D
 Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	53.0	79.6
61	42.2	36.2	54.2





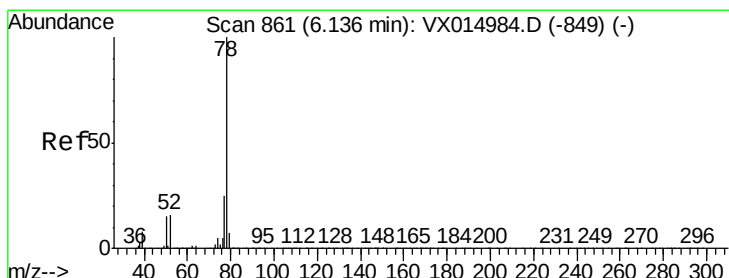
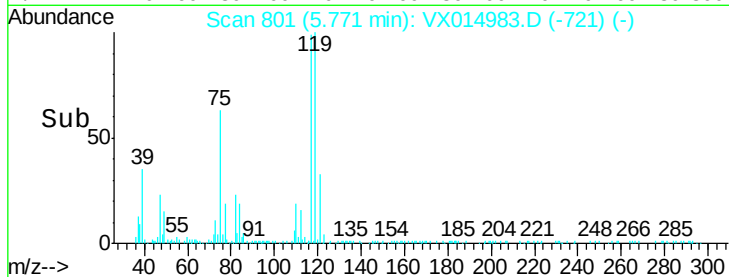
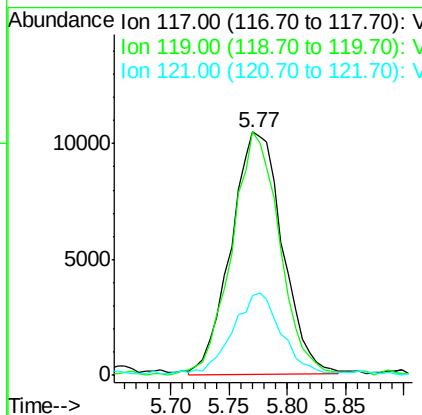
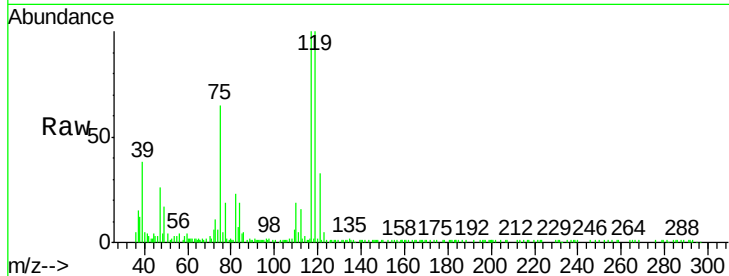
#33
Carbon Tetrachloride
Concen: 5.062 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
119	100.5	71.9	107.9
121	32.0	25.4	38.2

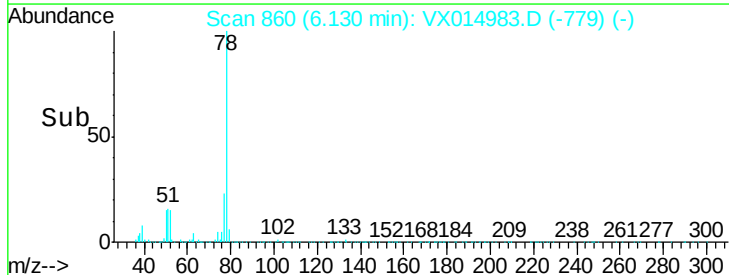
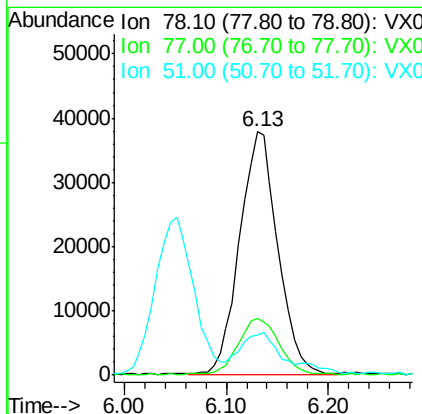
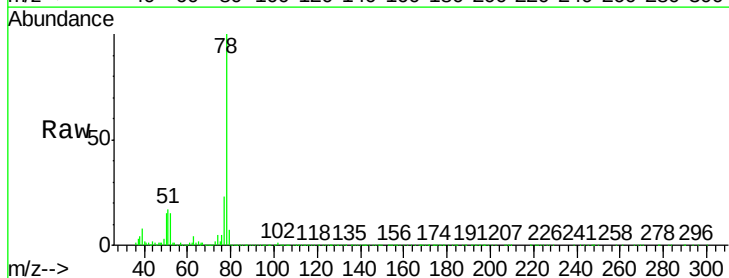
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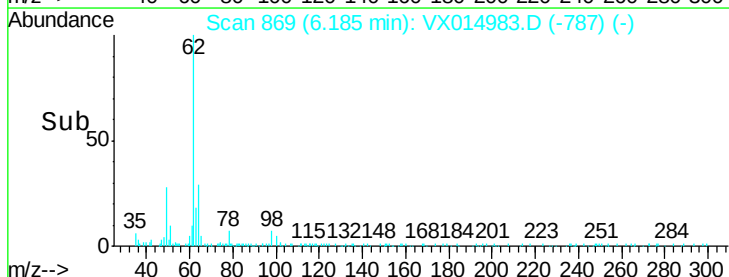
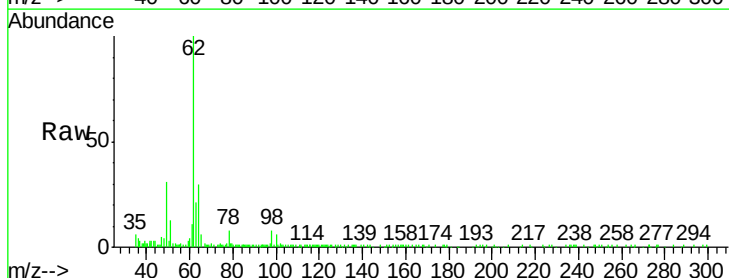
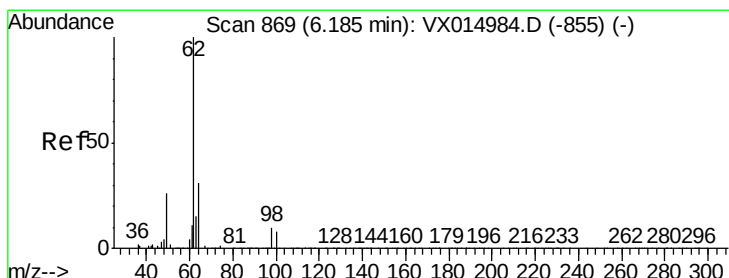
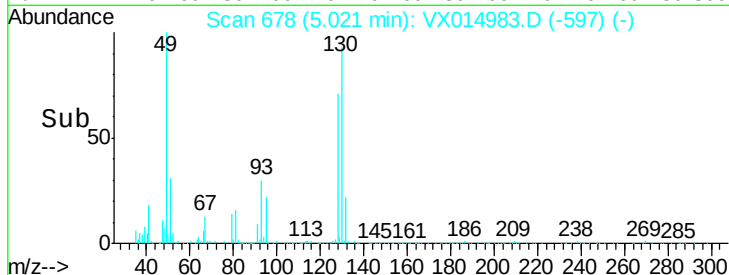
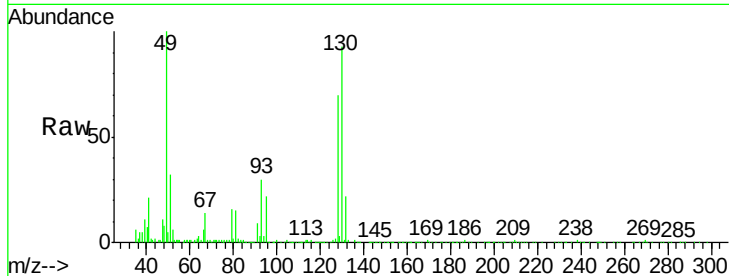
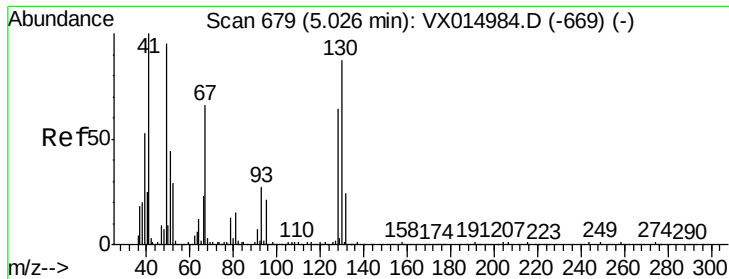
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#34
Benzene
Concen: 4.859 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

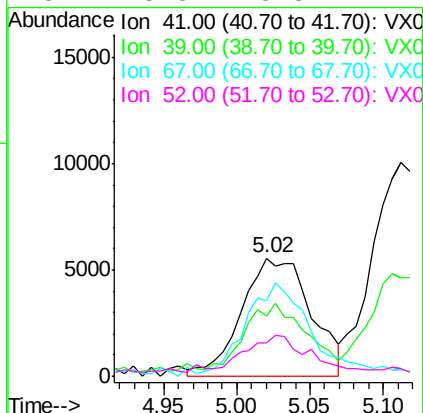
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	20.0	30.0
51	15.5	13.3	19.9





#35
Methacrylonitrile
Concen: 4.505 ug/l m
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.6	25.9	77.7	
67	64.5	32.7	98.1	
52	28.3	13.8	41.4	



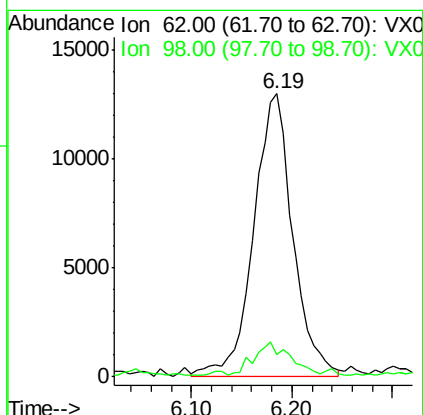
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

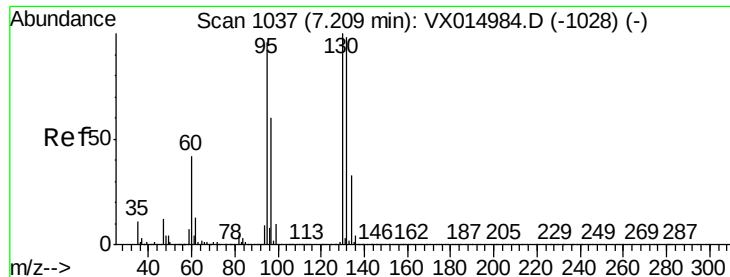
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#36
1,2-Dichloroethane
Concen: 4.957 ug/l m
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	0.1	7.5	11.3	#





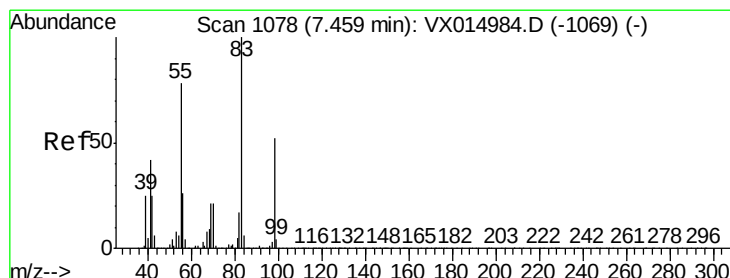
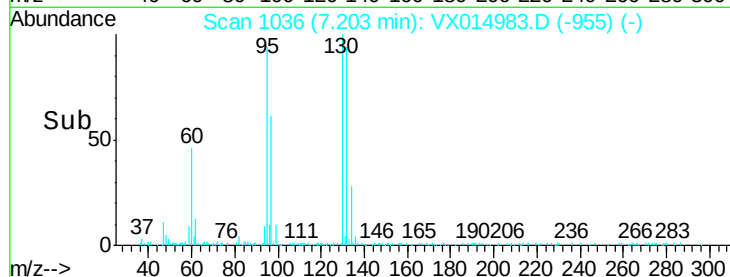
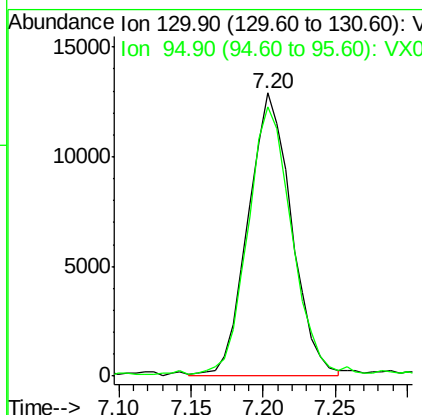
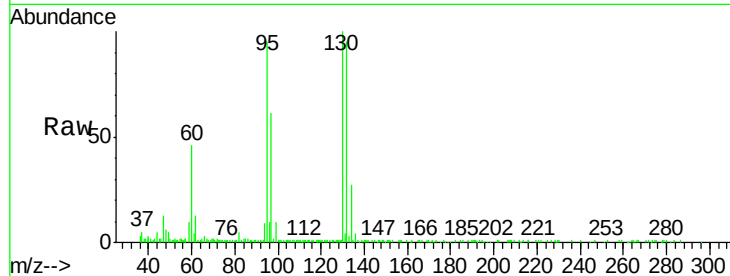
#37
 Trichloroethene
 Concen: 4.820 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014983.D
 Acq: 21 Feb 2020 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:130 Resp: 26756
 Ion Ratio Lower Upper
 130 100
 95 94.8 77.1 115.7

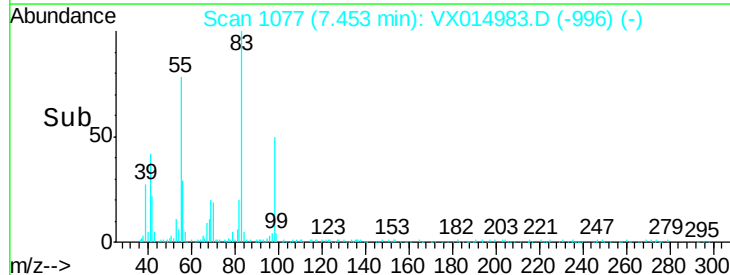
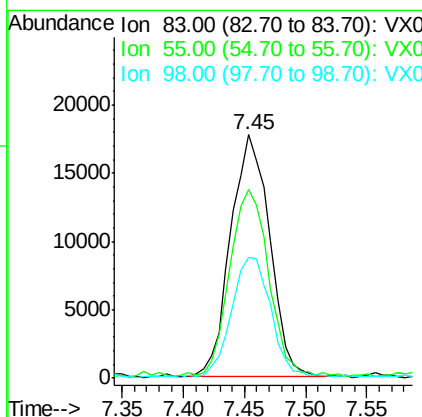
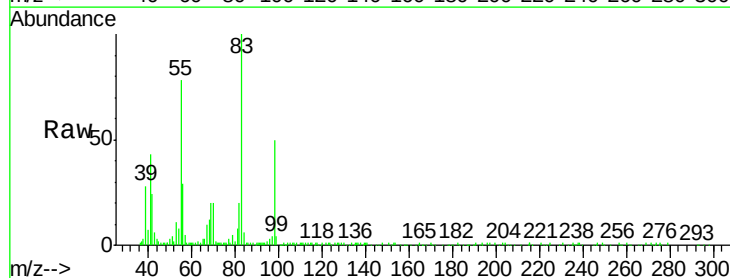
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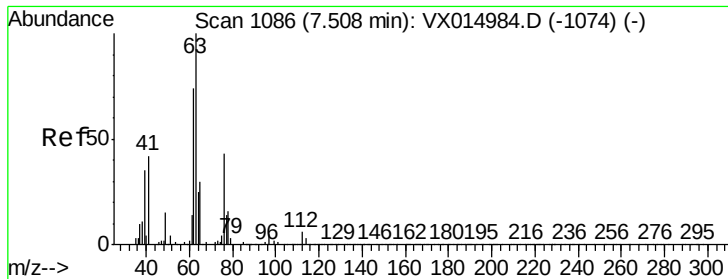
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#38
 Methylcyclohexane
 Concen: 4.771 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX014983.D
 Acq: 21 Feb 2020 09:14

Tgt Ion: 83 Resp: 39015
 Ion Ratio Lower Upper
 83 100
 55 77.9 38.2 114.6
 98 49.6 25.3 75.8





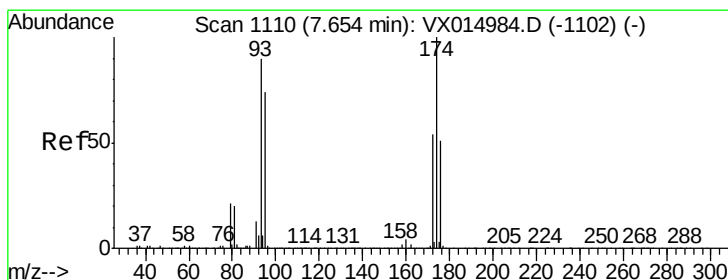
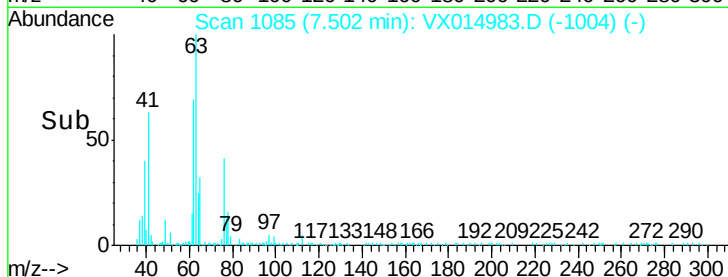
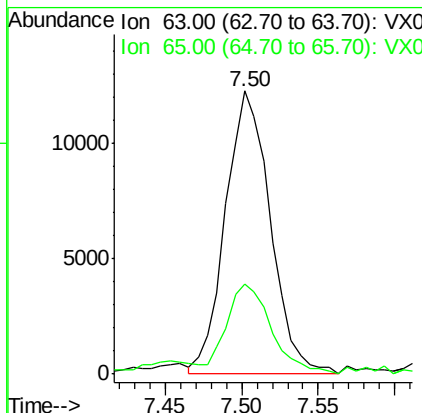
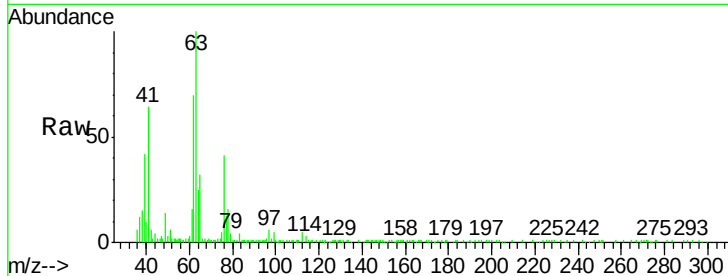
#39
 1,2-Dichloropropane
 Concen: 4.770 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014983.D
 Acq: 21 Feb 2020 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.6	36.8

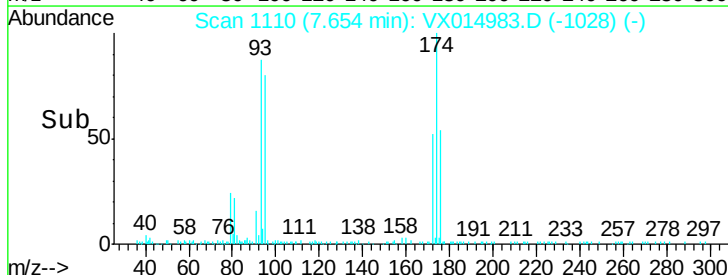
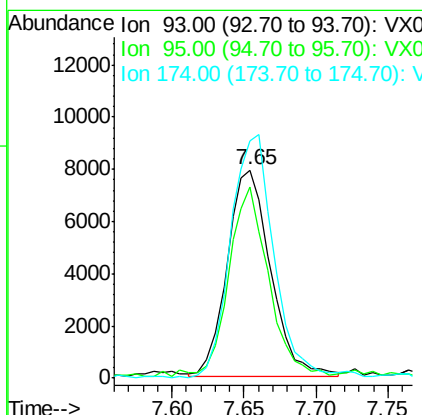
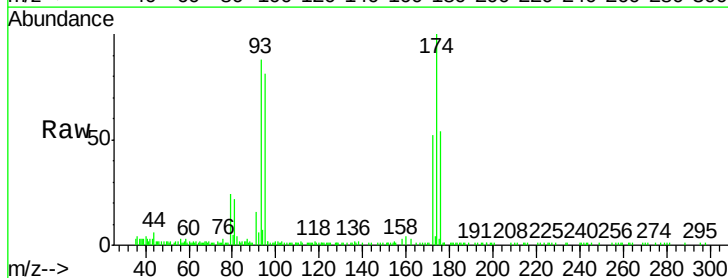
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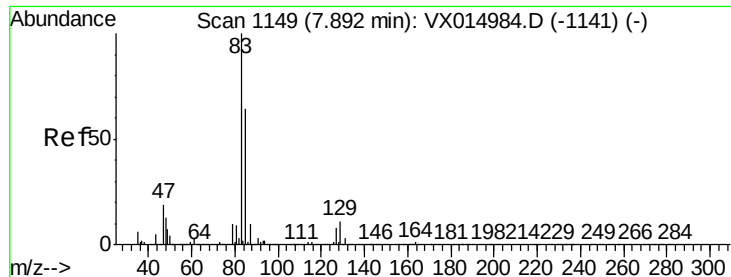
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#40
 Dibromomethane
 Concen: 4.865 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014983.D
 Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.8	0.0	164.6
174	117.1	0.0	226.4





#41

Bromodichloromethane

Concen: 4.529 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

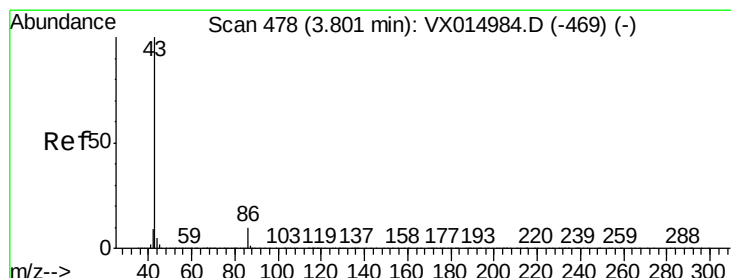
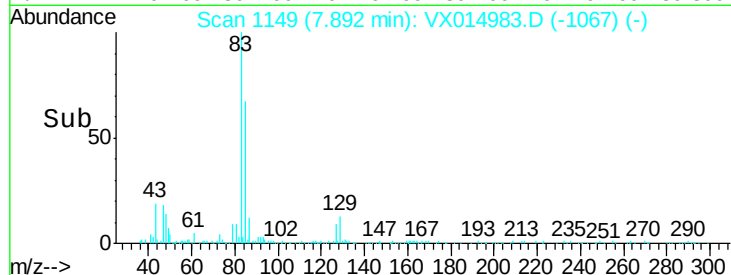
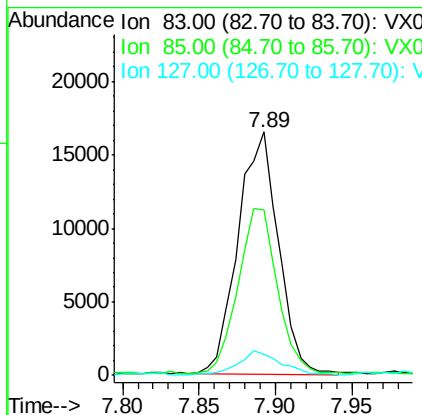
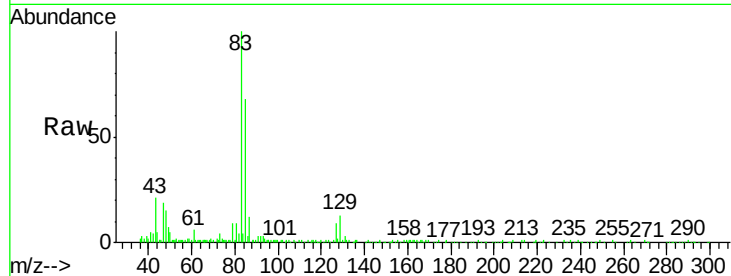
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	30337
Ion Ratio	Lower	Upper	
83	100		
85	67.7	51.0	76.4
127	8.8	6.6	10.0

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#42

Vinyl Acetate

Concen: 23.443 ug/l

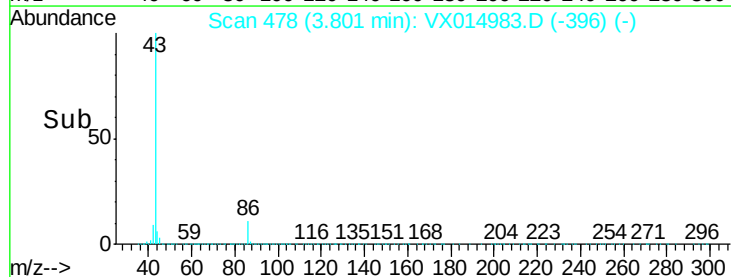
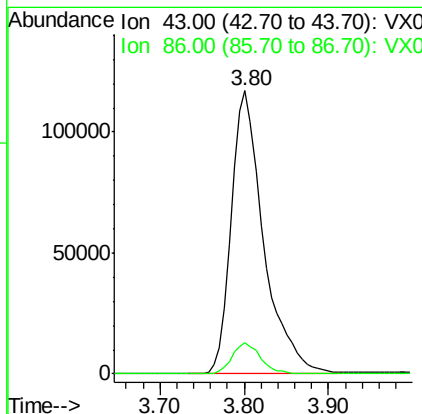
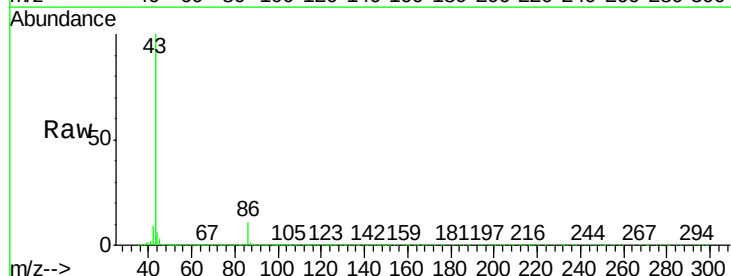
RT: 3.80 min Scan# 478

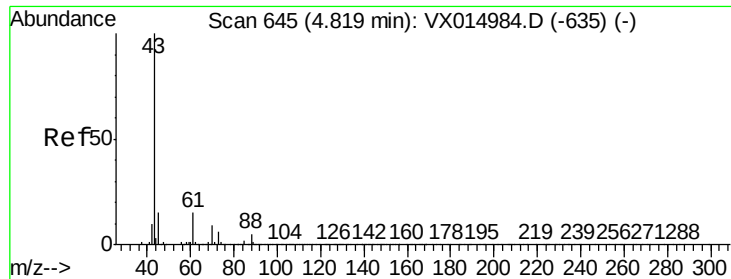
Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Tgt Ion:	43	Resp:	304276
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.6	11.4





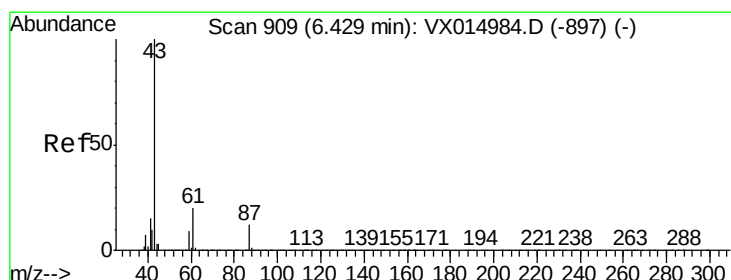
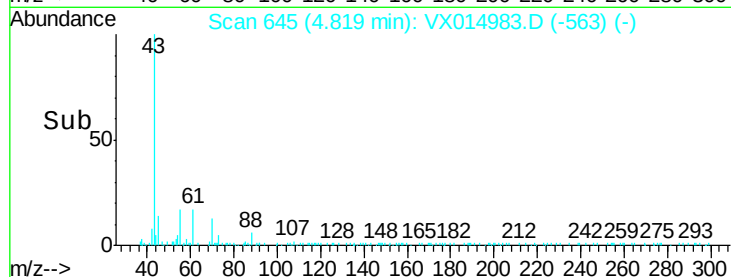
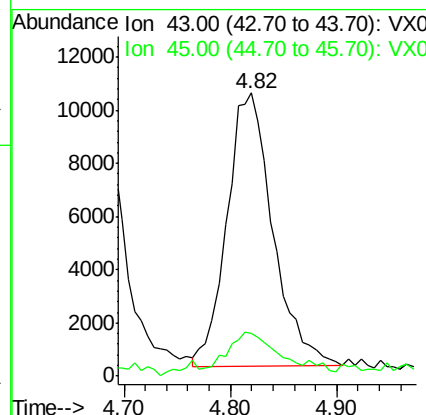
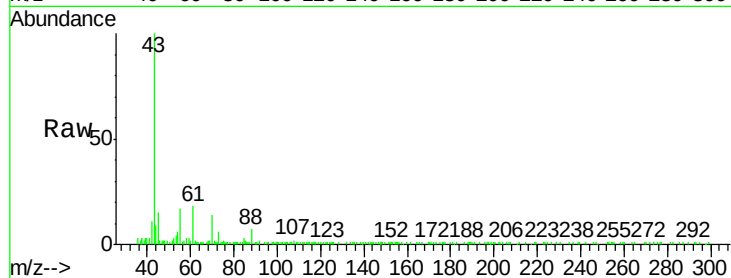
#43
Ethyl Acetate
Concen: 4.191 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 31050
Ion Ratio Lower Upper
43 100
45 14.2 10.8 16.2

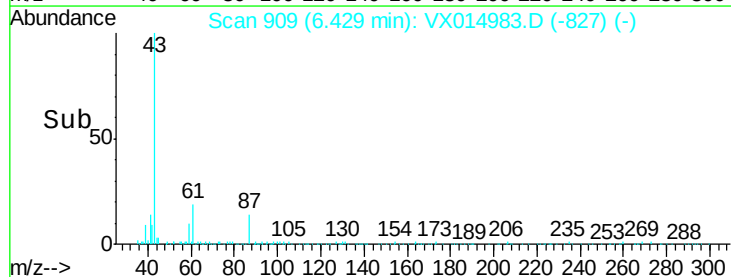
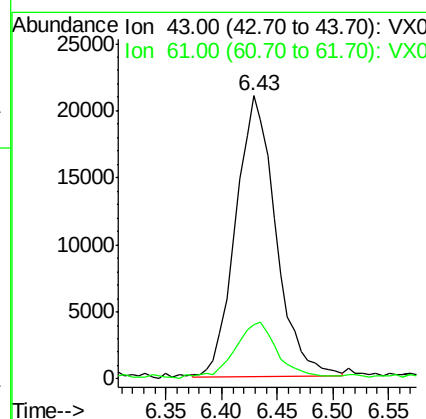
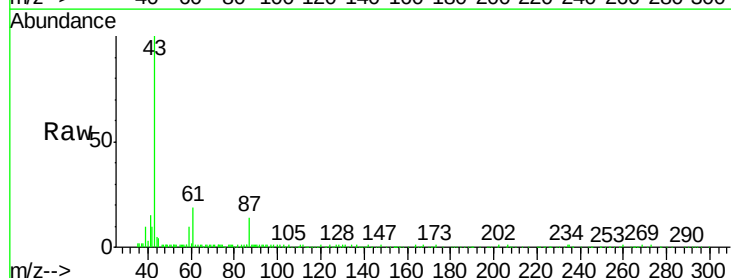
Manual Integrations
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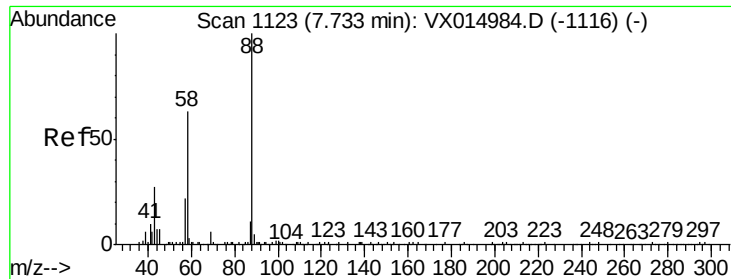
MMDadoda
2/24/2020 11:28:44 AM



#44
Isopropyl Acetate
Concen: 4.348 ug/l
RT: 6.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion: 43 Resp: 52454
Ion Ratio Lower Upper
43 100
61 20.1 15.6 23.4





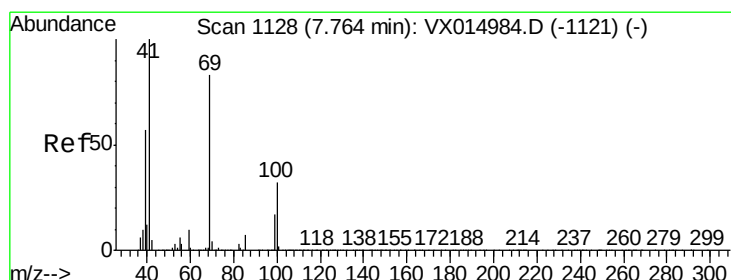
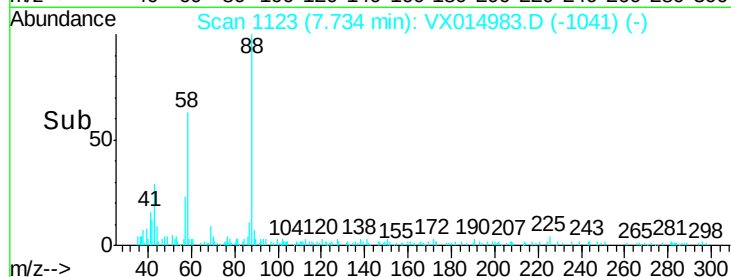
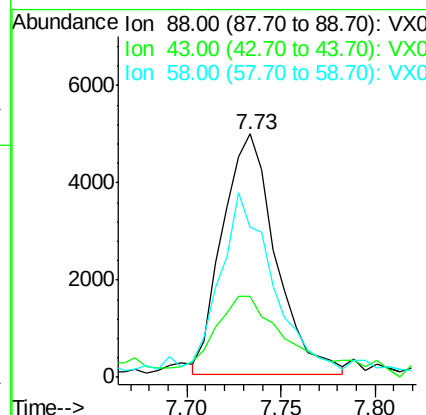
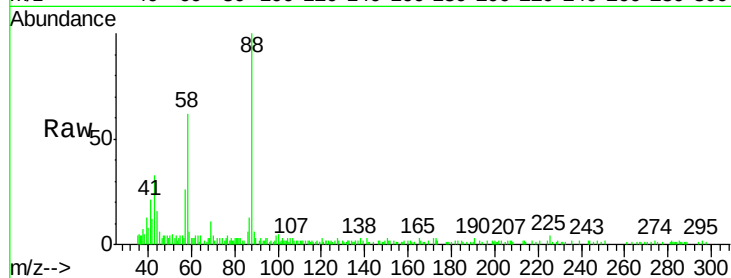
#45
1,4-Dioxane
Concen: 81.847 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	25.4	38.2
58	72.4	55.8	83.8

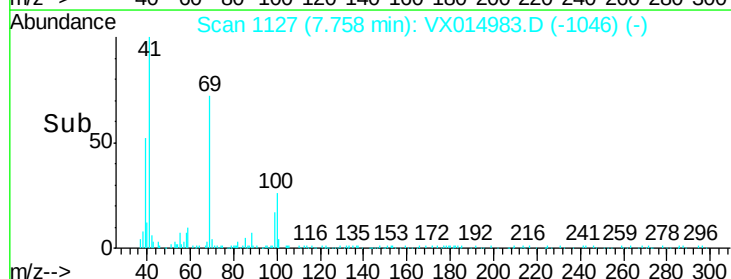
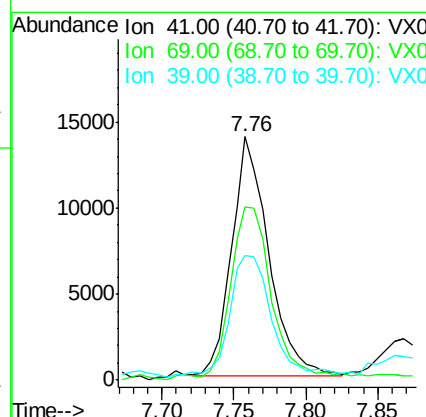
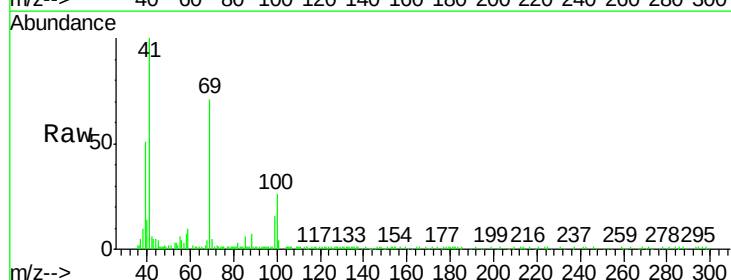
Manual Integrations
APPROVED

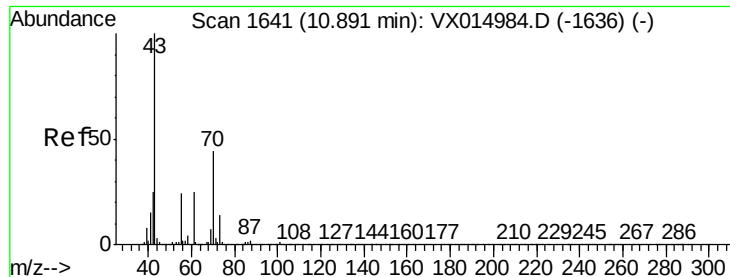
MMDadoda
2/24/2020 11:28:44 AM



#46
Methyl methacrylate
Concen: 4.232 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
41	100		
69	71.0	41.4	124.2
39	49.4	28.3	84.9





#47

n-amvl Acetate

Concen: 3.913 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 39978

Ion Ratio Lower Upper

43 100

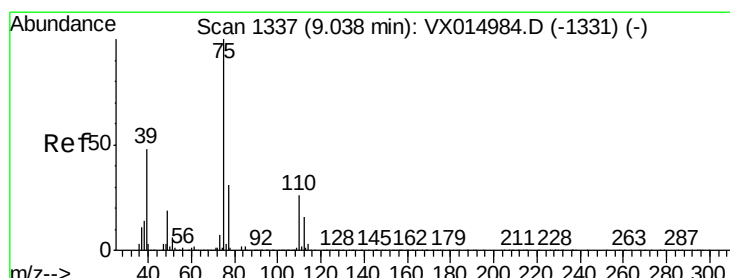
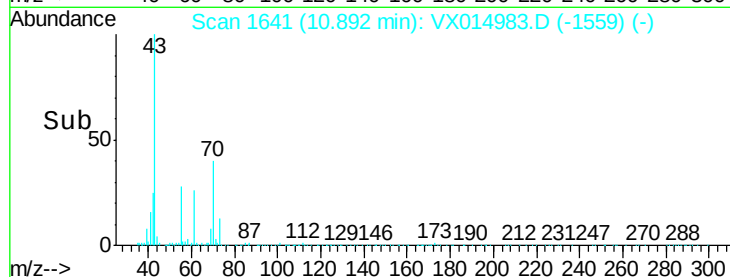
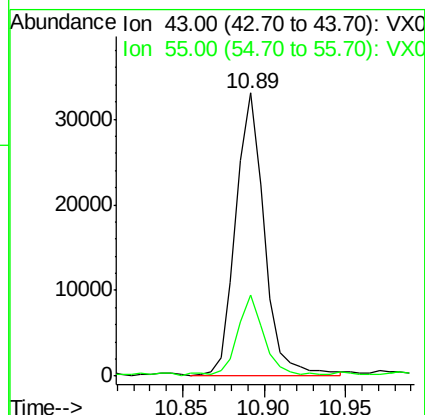
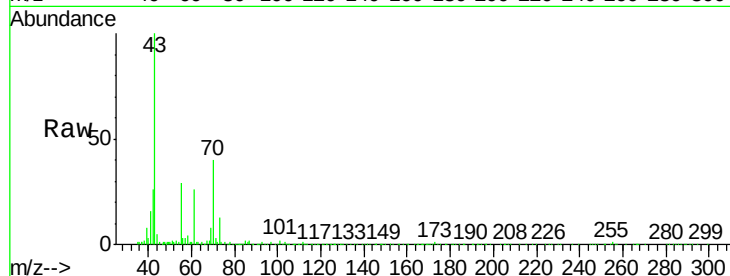
55 24.8 19.2 28.8

Manual Integrations

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MMDadoda

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#48

t-1,3-Dichloropropene

Concen: 4.287 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014983.D

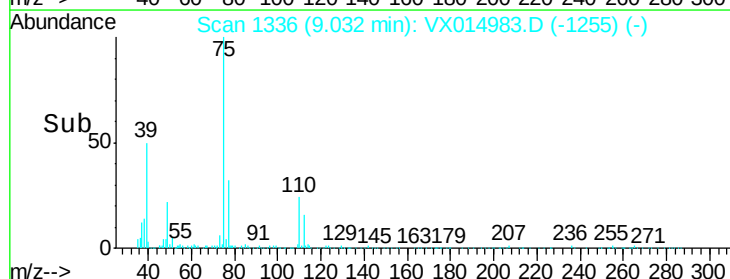
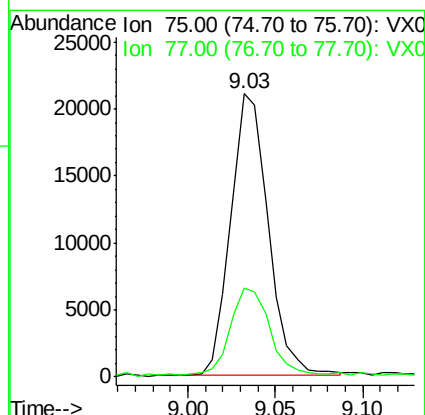
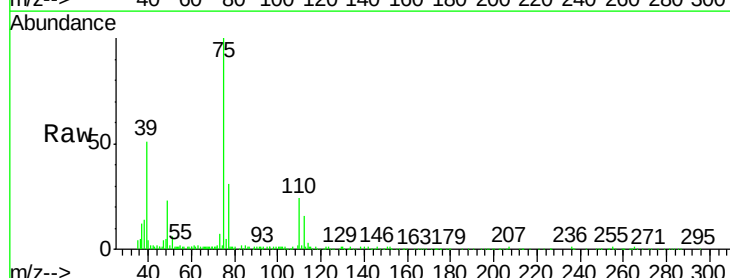
Acq: 21 Feb 2020 09:14

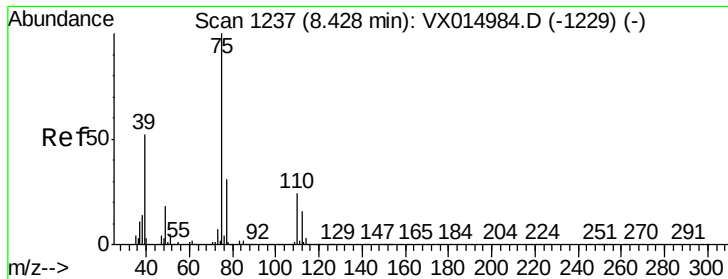
Tgt Ion: 75 Resp: 31341

Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8





#49

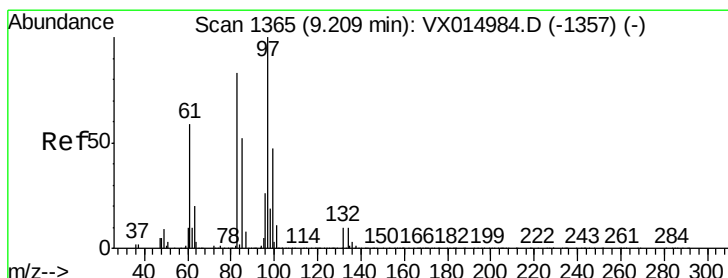
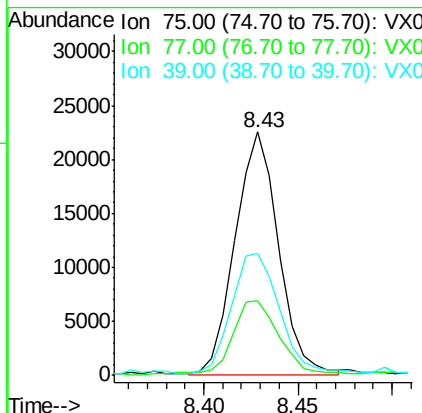
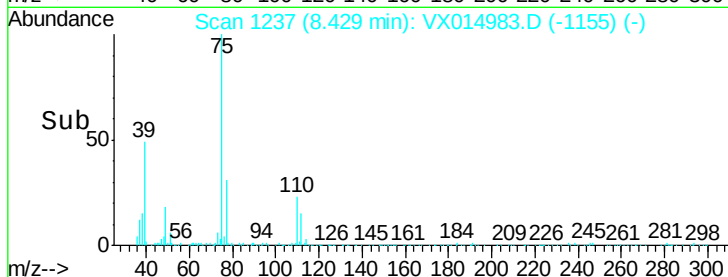
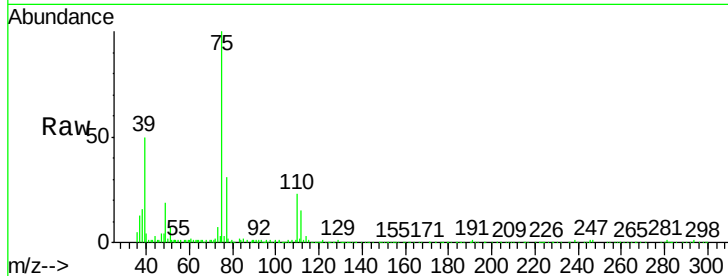
cis-1,3-Dichloropropene
Concen: 4.355 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.5	24.6	36.8
39	49.4	41.5	62.3

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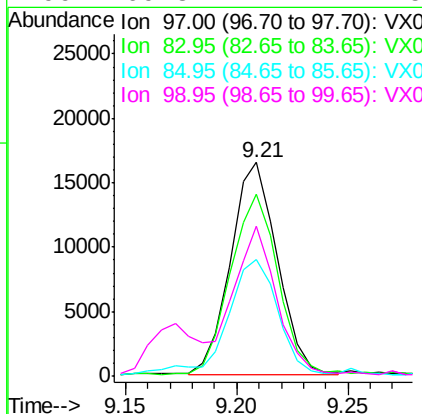
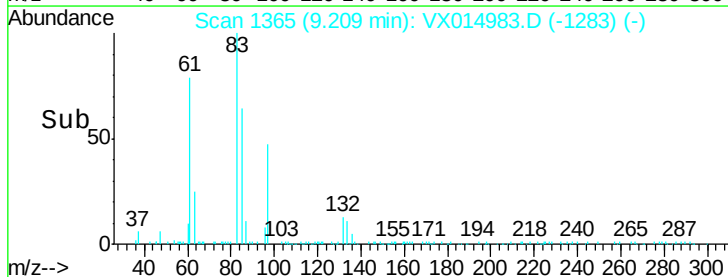
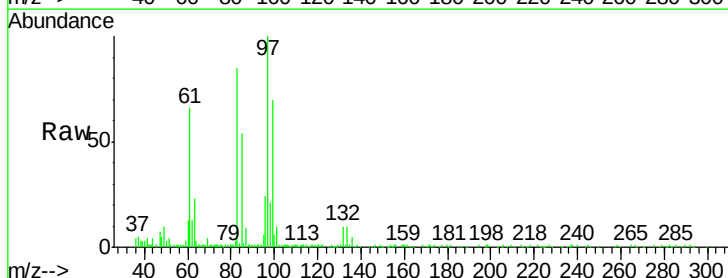
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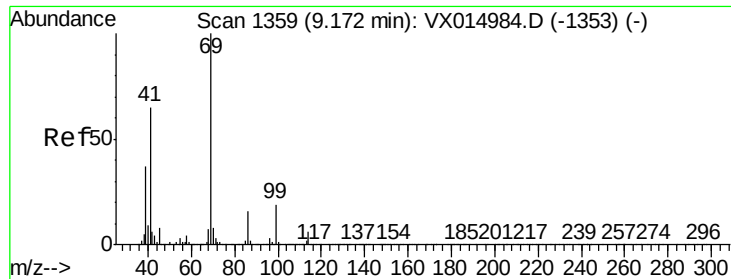


#50

1,1,2-Trichloroethane
Concen: 4.693 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.2	99.2
85	53.6	42.4	63.6
99	69.8	47.7	71.5





#51

Ethyl methacrylate

Concen: 4.115 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

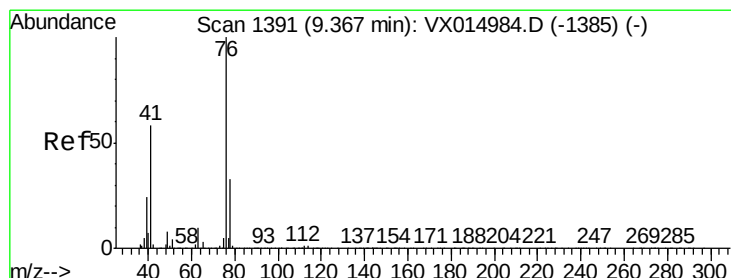
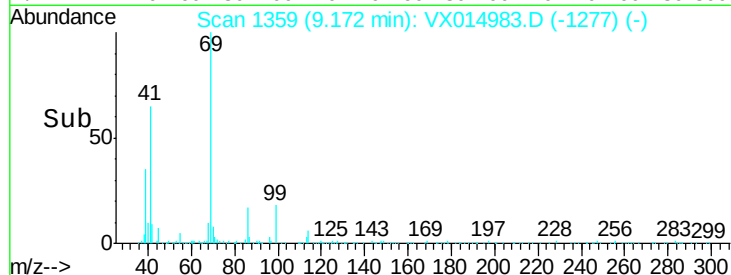
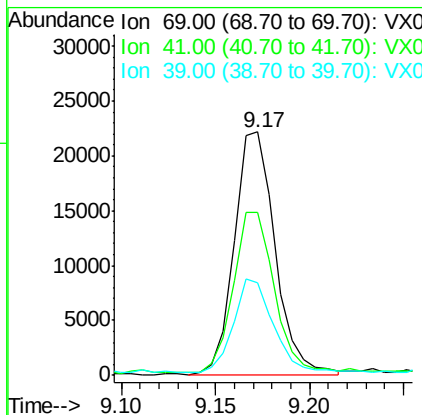
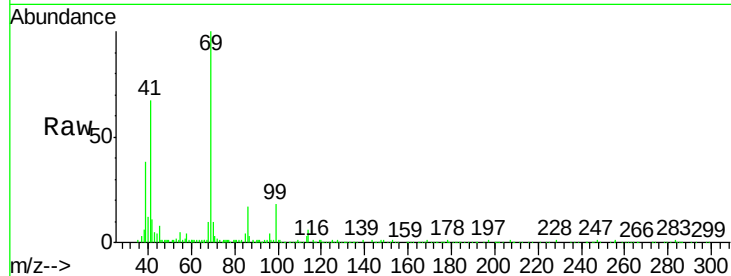
ClientSampleId :

VSTDIC005

Tot Ion:	69	Resp:	33152
Ion Ratio	Lower	Upper	
69	100		
41	66.3	32.7	98.1
39	36.7	18.2	54.6

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 4.787 ug/l

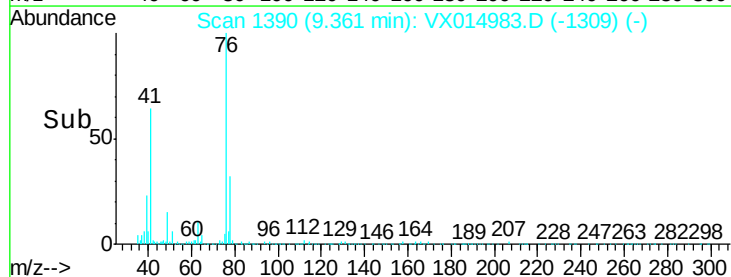
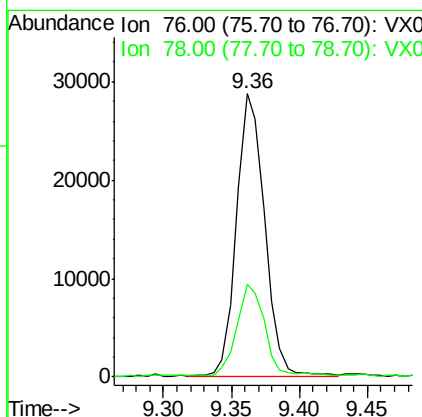
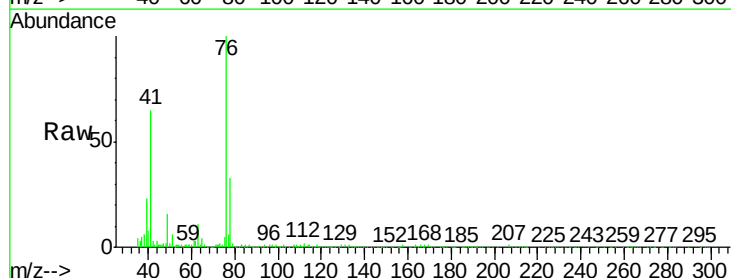
RT: 9.36 min Scan# 1390

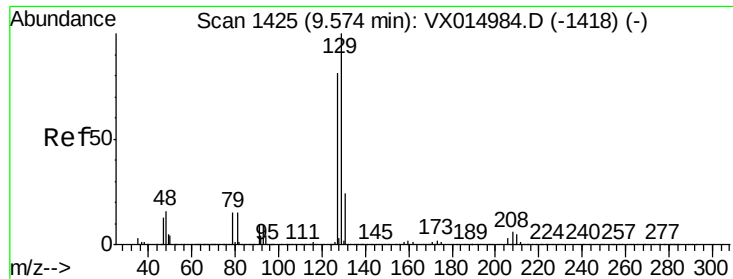
Delta R.T. -0.01 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Tgt Ion:	76	Resp:	41961
Ion Ratio	Lower	Upper	
76	100		
78	30.9	0.0	65.0





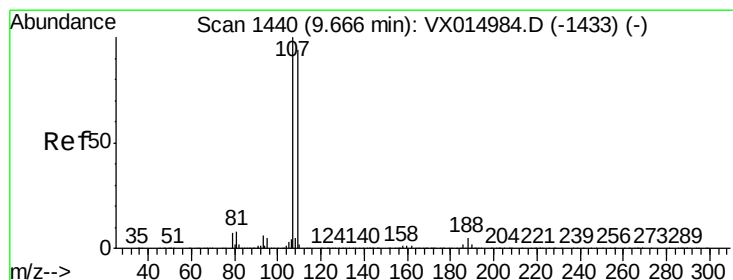
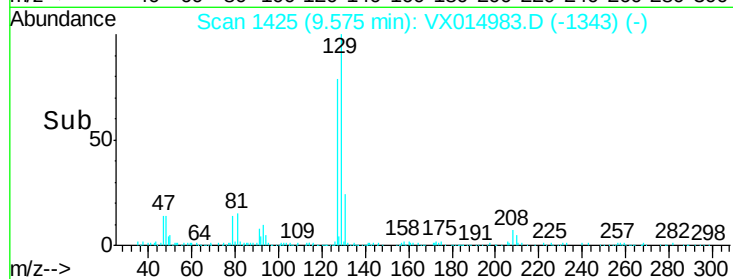
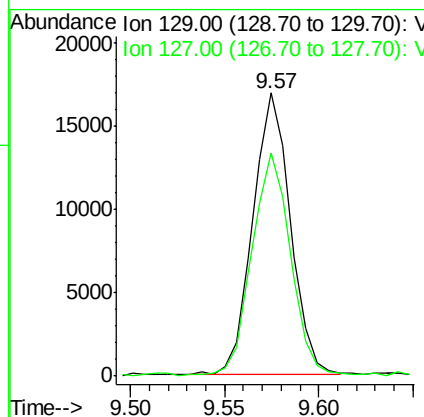
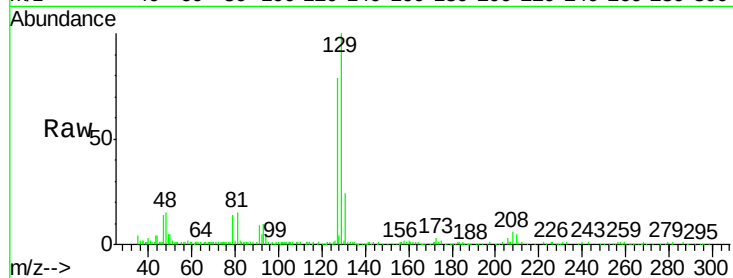
#53
Dibromochloromethane
Concen: 4.371 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
129	100		
127	80.9	38.3	114.9

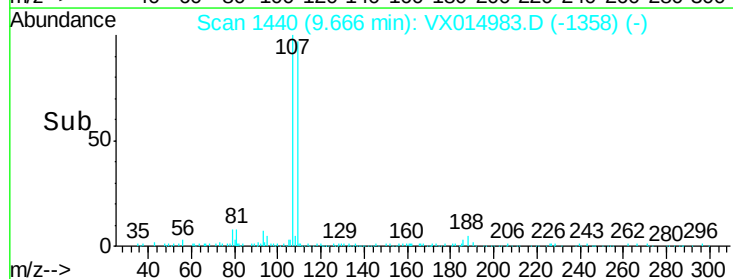
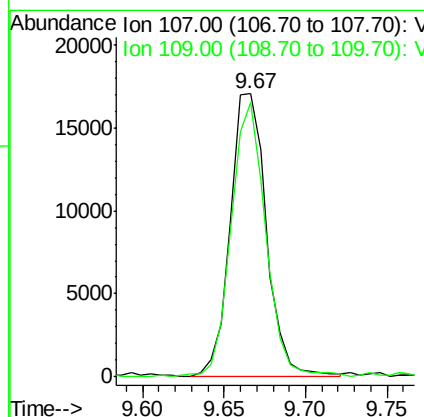
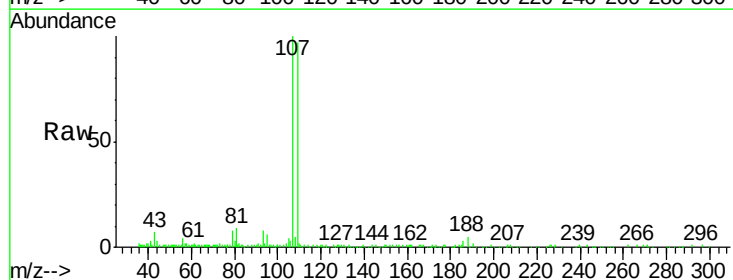
Manual Integrations
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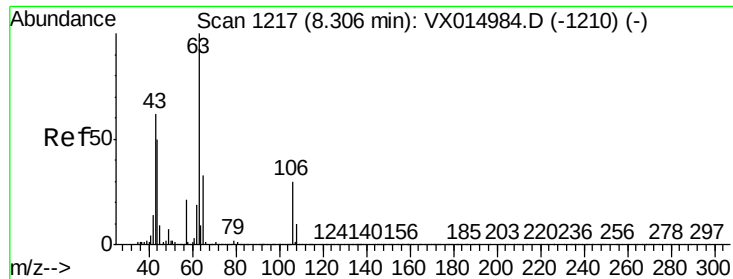
MMDadoda
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#54
1,2-Dibromoethane
Concen: 4.858 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
107	100		
109	90.2	76.3	114.5





#55

2-Chloroethyl vinyl ether

Concen: 26.585 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

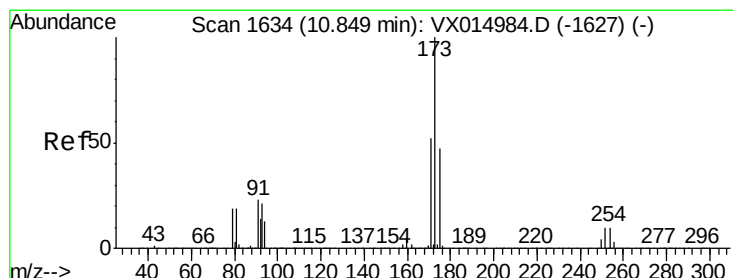
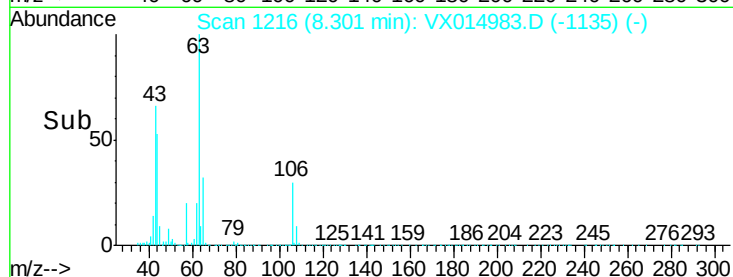
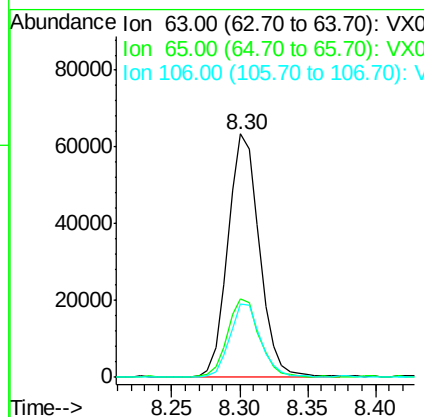
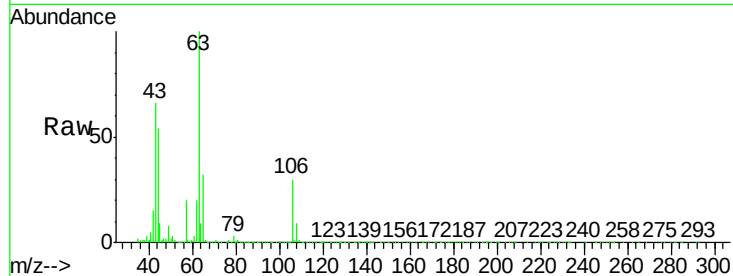
ClientSampleId :

VSTDIC005

Tot Ion:	63	Resp:	101352
Ion Ratio		Lower	Upper
63	100		
65	32.5	26.0	39.0
106	29.4	23.9	35.9

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#56

Bromoform

Concen: 4.206 ug/l

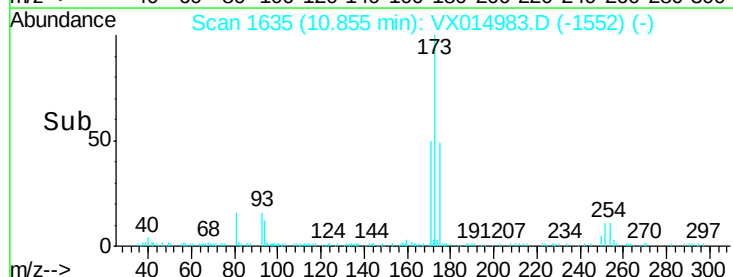
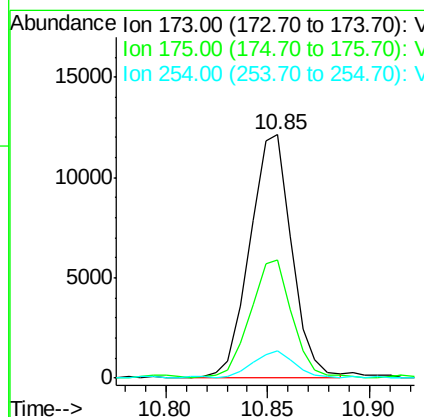
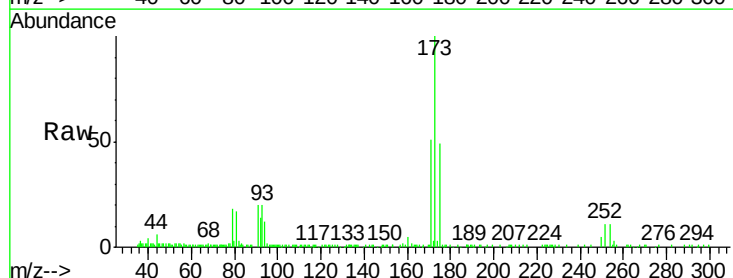
RT: 10.85 min Scan# 1635

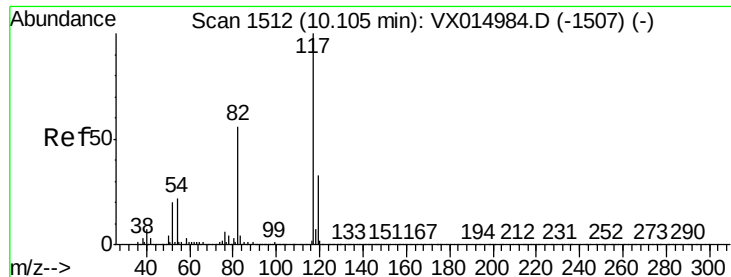
Delta R.T. 0.01 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Tgt Ion:	173	Resp:	17365
Ion Ratio		Lower	Upper
173	100		
175	49.1	38.6	57.8
254	11.0	8.6	13.0





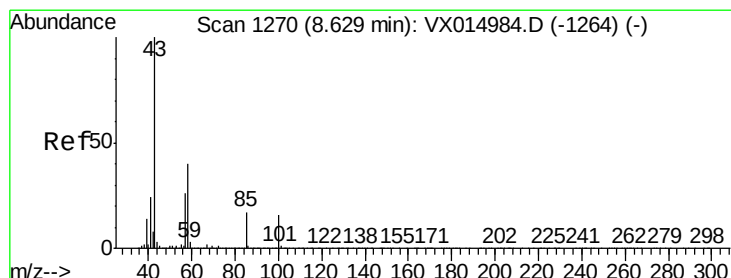
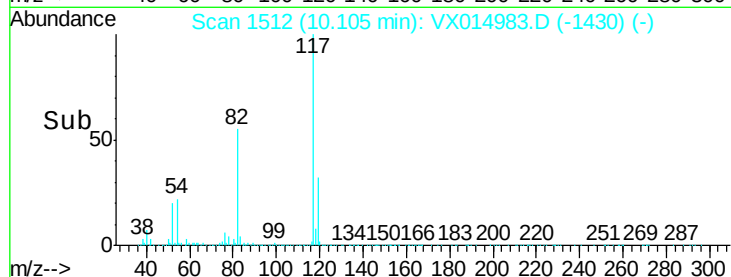
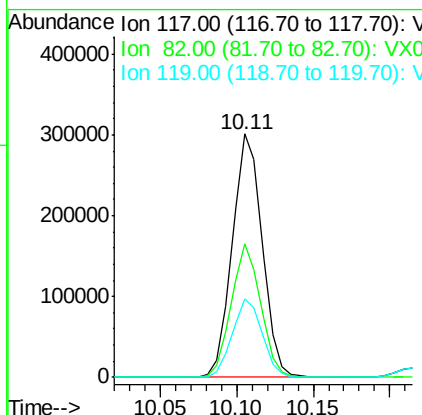
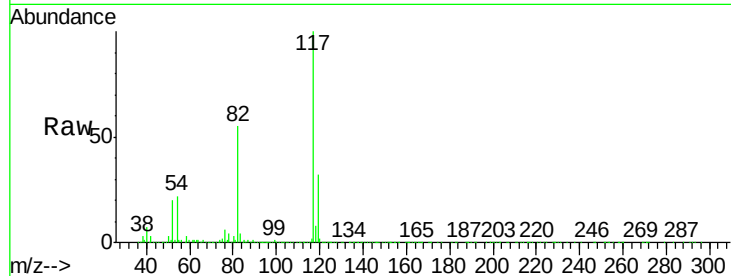
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	407584		
82	53.6		43.4	65.2
119	32.0		26.0	39.0

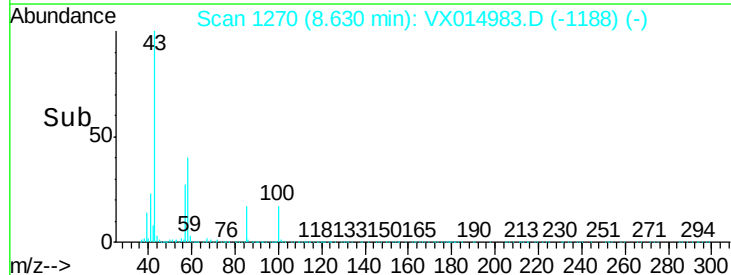
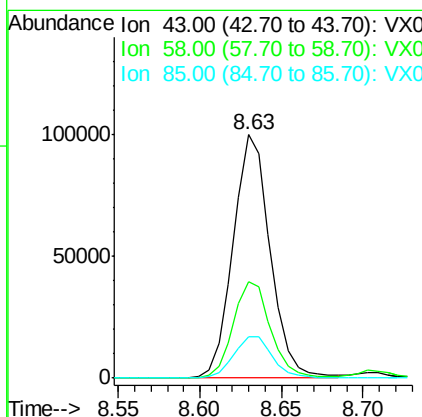
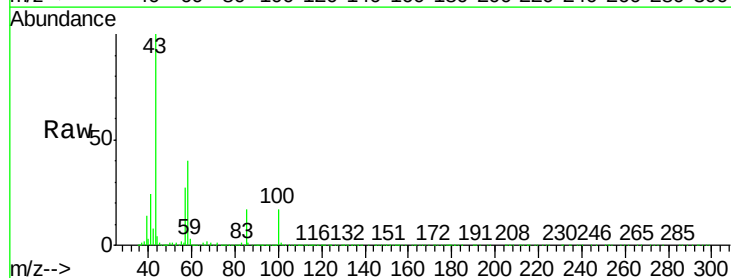
Manual Integrations
APPROVED

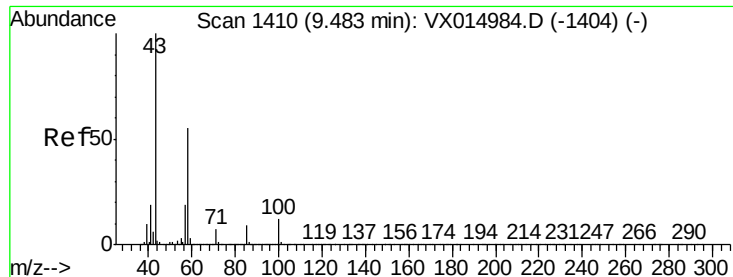
MMDadoda
2/24/2020 11:28:44 AM



#58
4-Methyl-2-Pentanone
Concen: 21.056 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	156166		
58	40.1		31.7	47.5
85	18.1		14.4	21.6





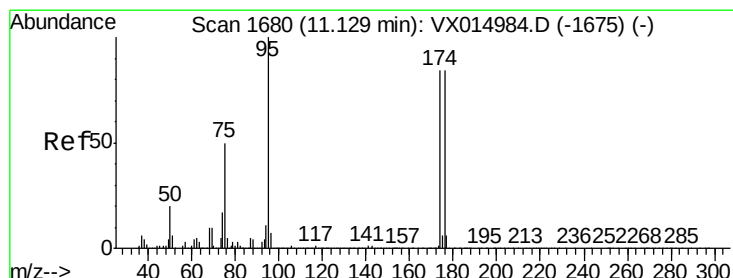
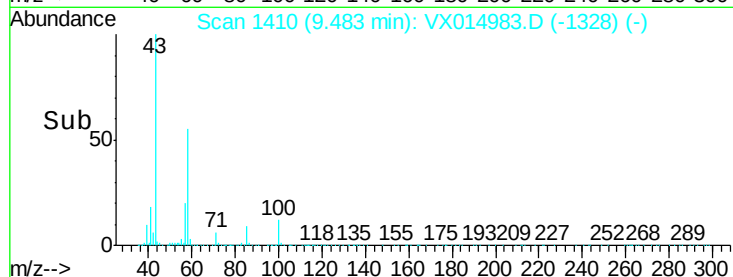
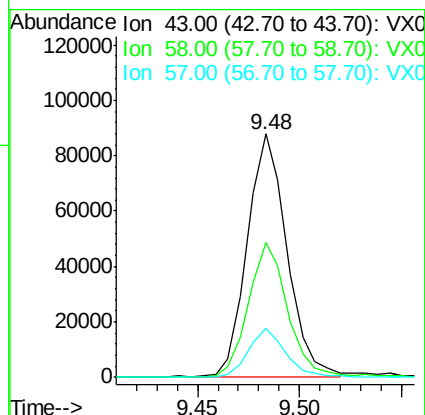
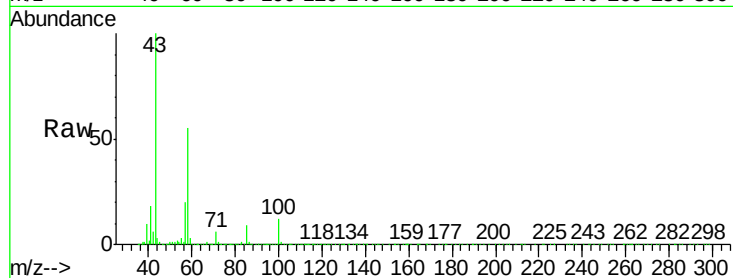
#59
2-Hexanone
Concen: 20.479 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.1	44.1	66.1
57	18.8	15.3	22.9

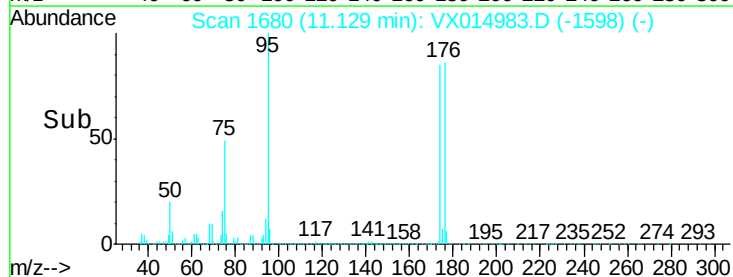
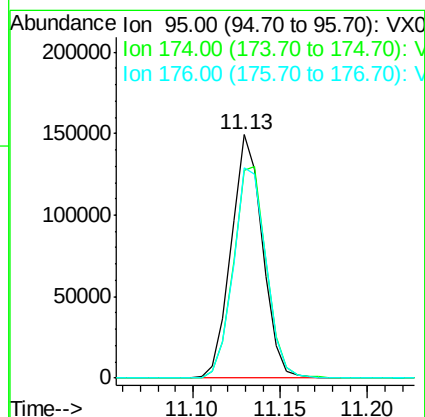
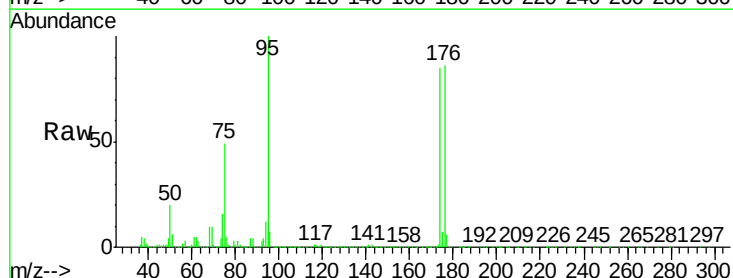
Manual Integrations
APPROVED

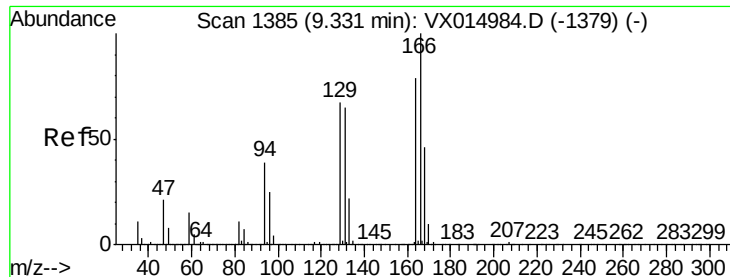
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 28.584 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.9	72.3	108.5
176	89.9	72.0	108.0





#61

Tetrachloroethene

Concen: 4.922 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:164 Resp: 29002

Ion Ratio Lower Upper

164 100

166 111.7 101.2 151.8

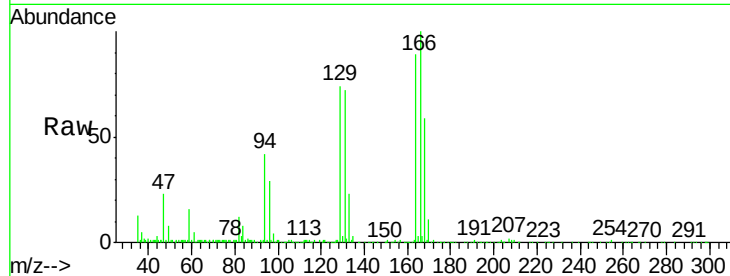
129 82.0 67.6 101.4

131 80.8 66.0 99.0

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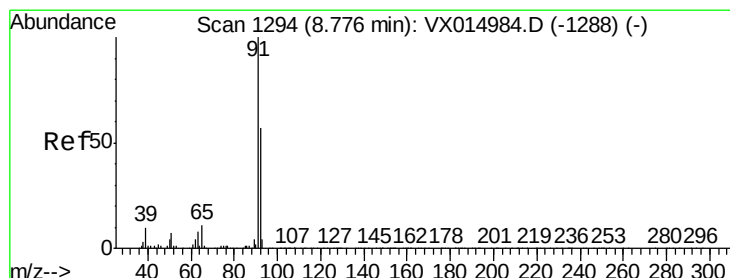
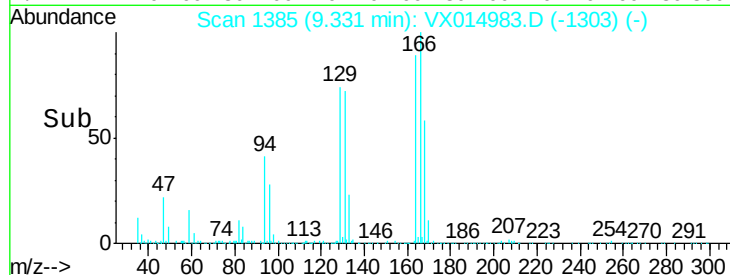
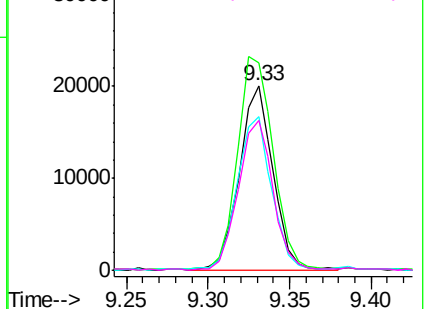


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 5.018 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014983.D

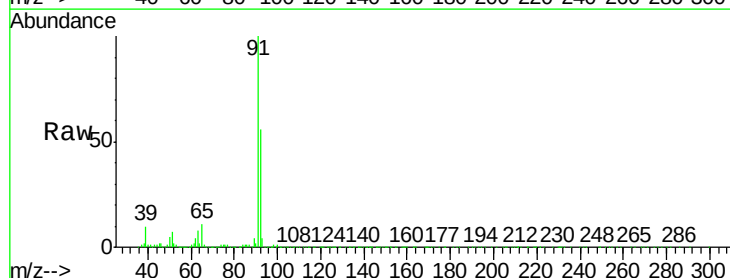
Acq: 21 Feb 2020 09:14

Tgt Ion: 91 Resp: 107139

Ion Ratio Lower Upper

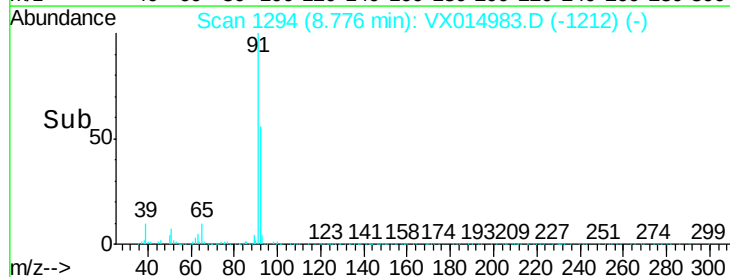
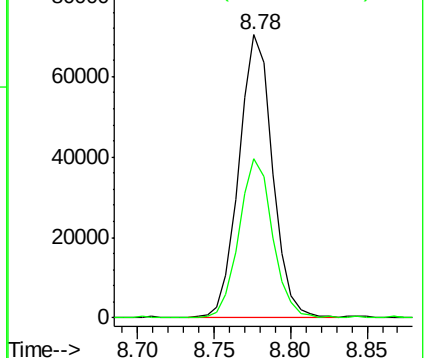
91 100

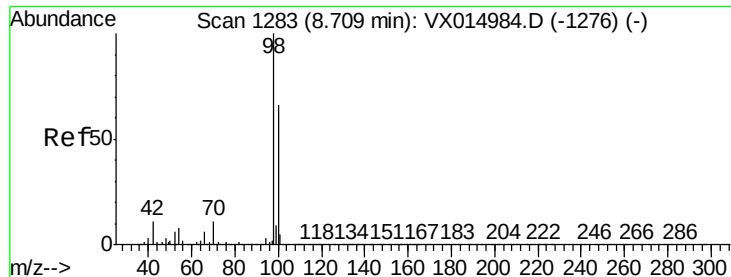
92 56.1 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.627 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 98 Resp: 542218

Ion Ratio Lower Upper

98 100

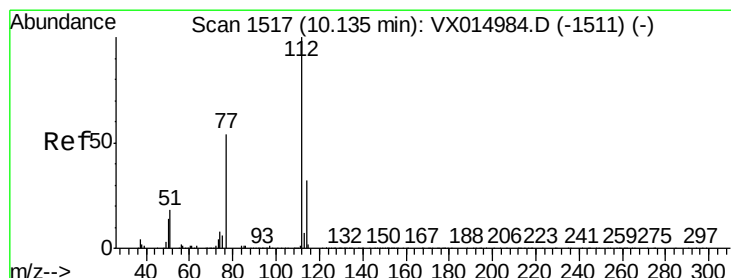
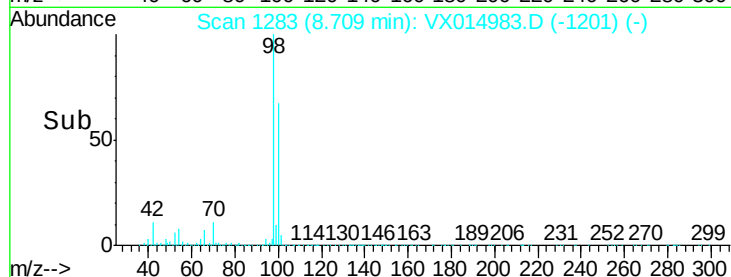
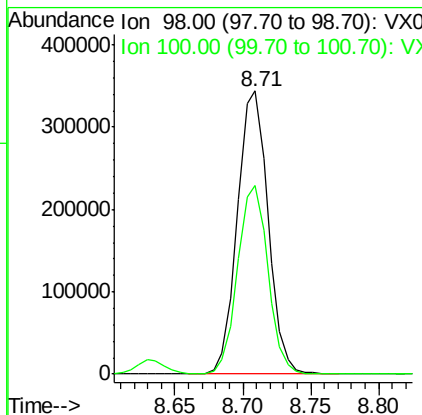
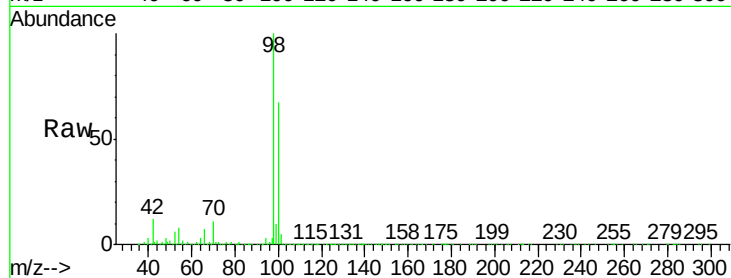
100 65.7 52.8 79.2

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#64

Chlorobenzene

Concen: 5.010 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014983.D

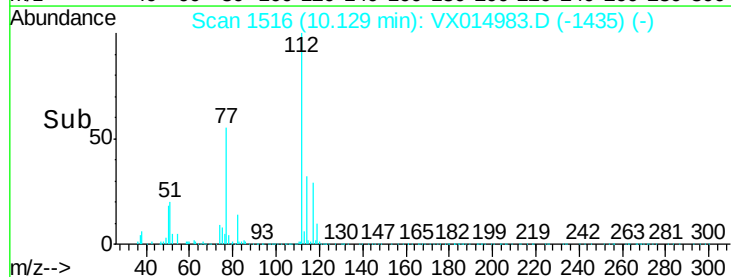
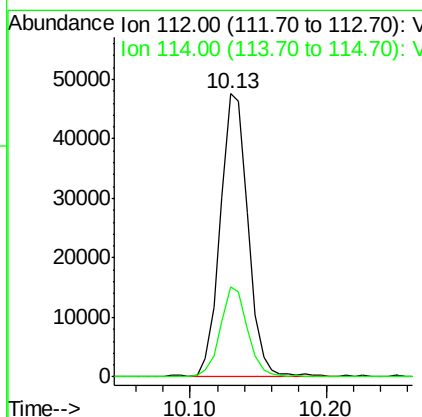
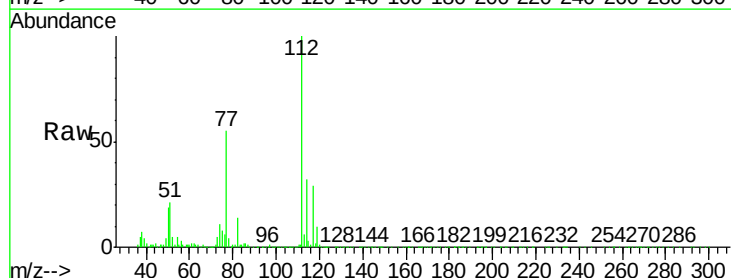
Acq: 21 Feb 2020 09:14

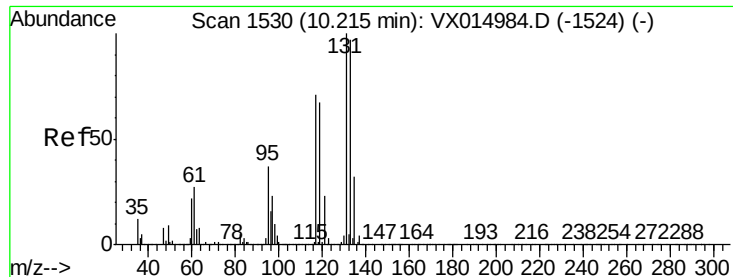
Tgt Ion: 112 Resp: 66978

Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.6





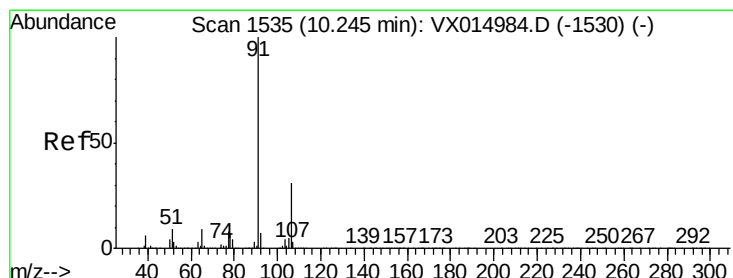
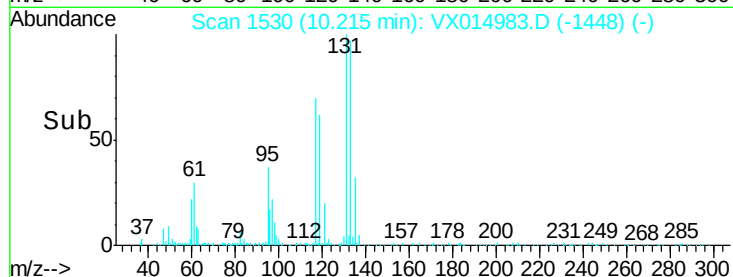
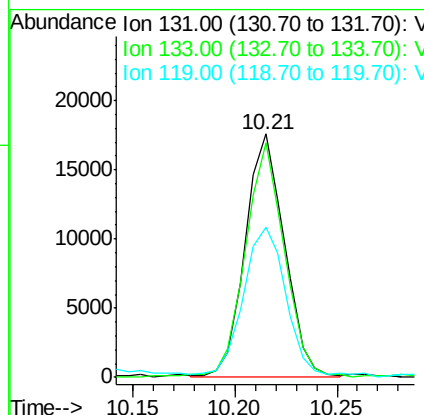
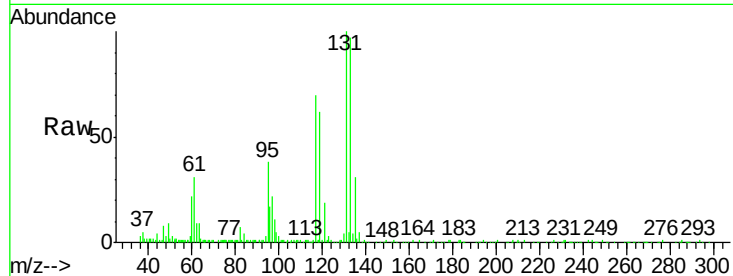
#65
 1,1,1,2-Tetrachloroethane
 Concen: 4.774 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014983.D
 Acq: 21 Feb 2020 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
131	100	23594		
133	96.3	0.0	191.4	
119	65.6	0.0	132.0	

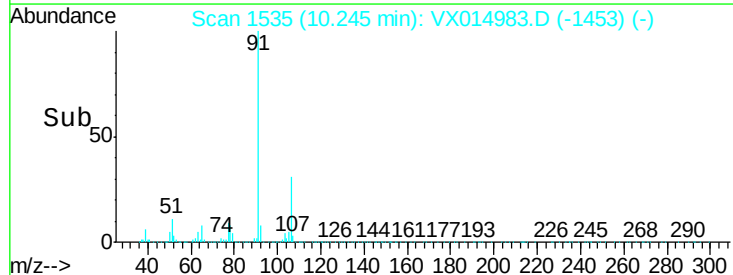
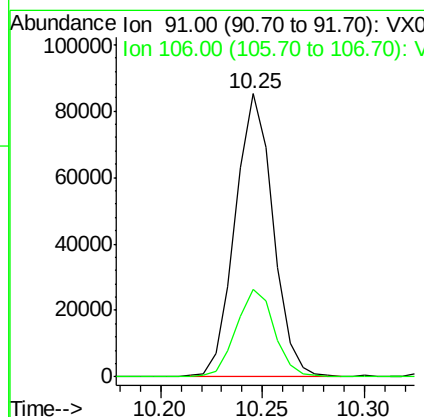
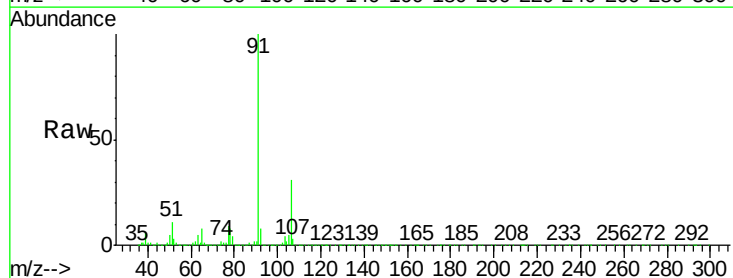
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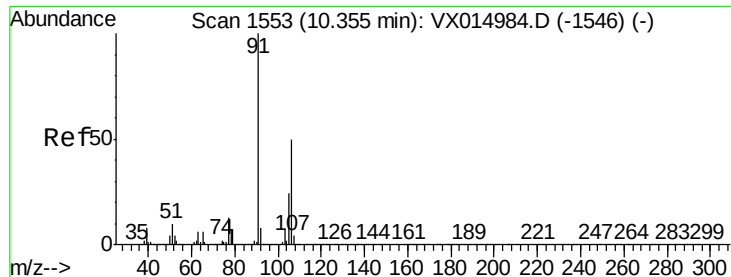
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#66
 Ethyl Benzene
 Concen: 4.683 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014983.D
 Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	109289		
106	31.0	24.7	37.1	





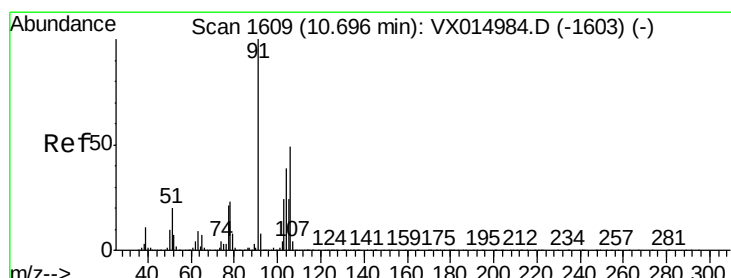
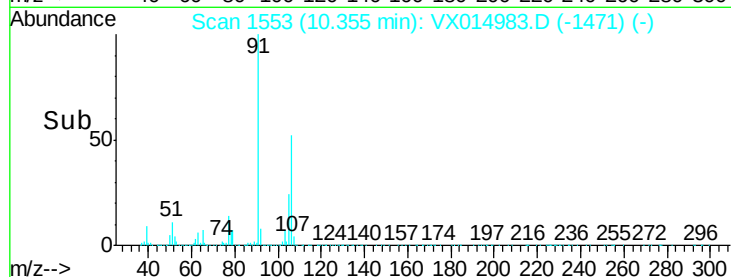
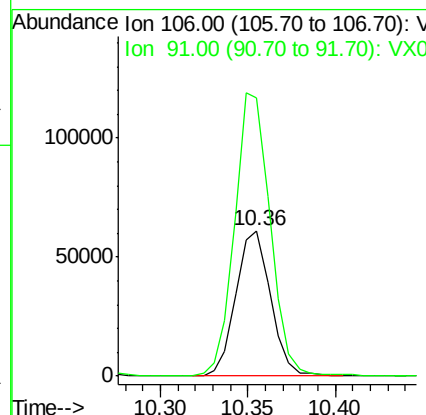
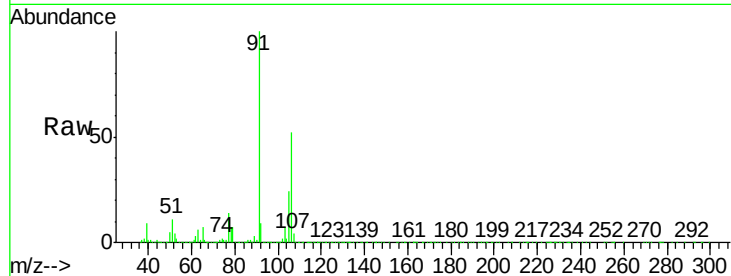
#67
m/p-Xylenes
Concen: 9.460 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
106	100		
91	197.7	160.4	240.6

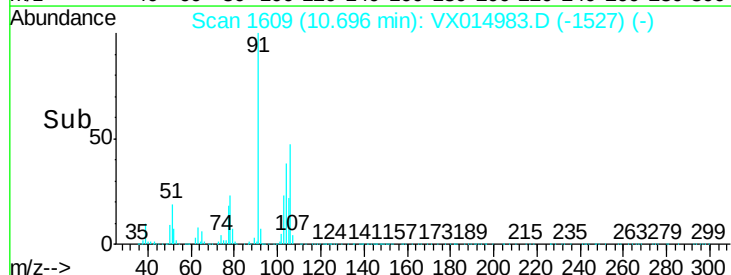
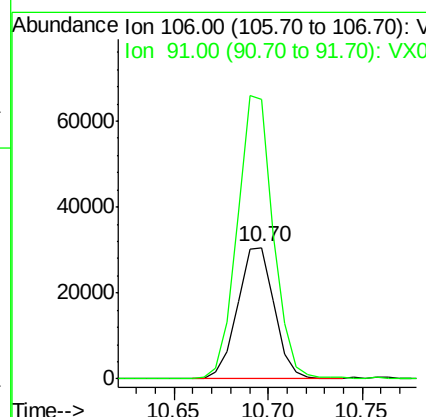
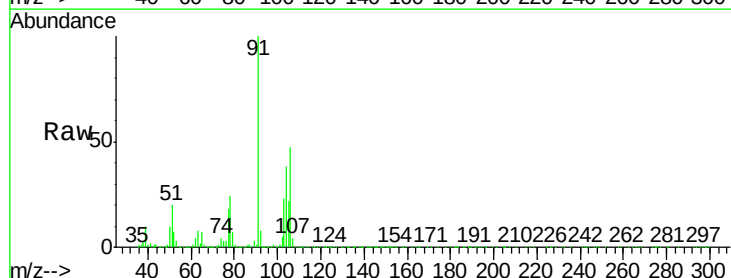
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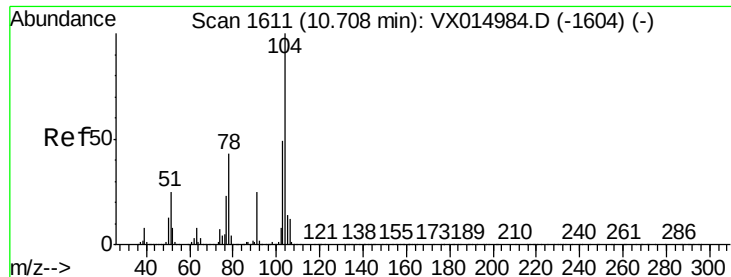
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#68
o-Xylene
Concen: 4.740 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.2	105.3	315.9





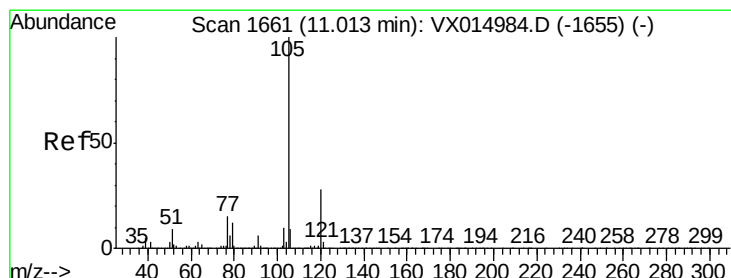
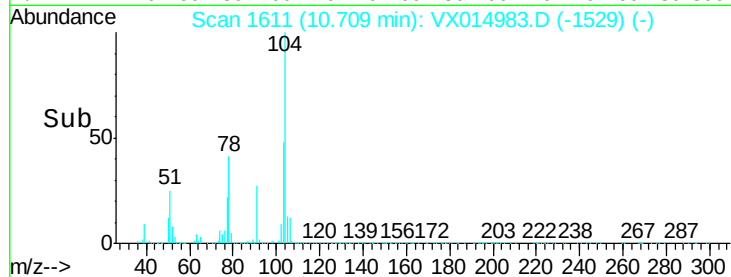
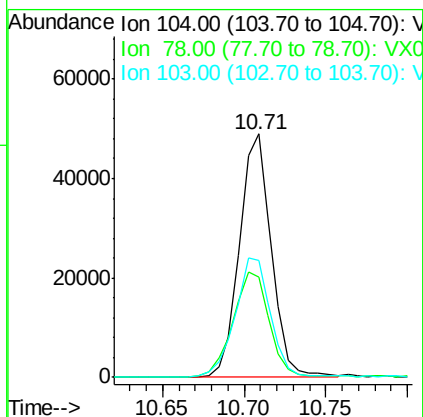
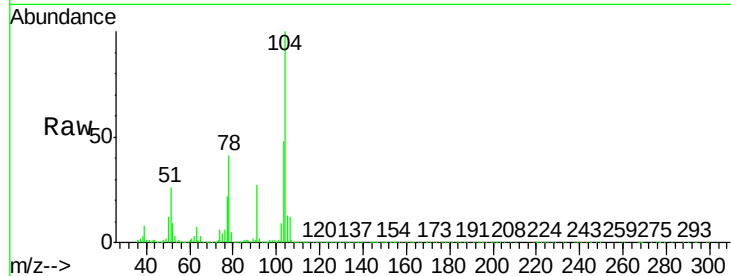
#69
Stvrene
Concen: 4.532 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
104	100	66815		
78	48.5		39.4	59.2
103	53.7		42.9	64.3

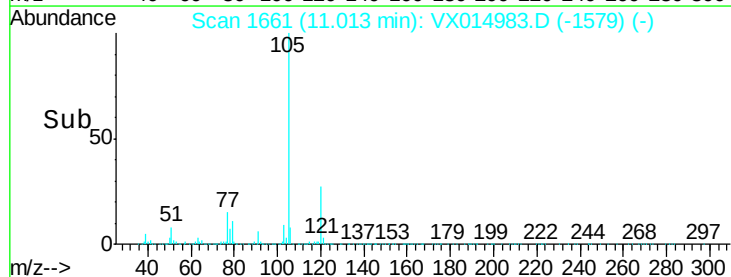
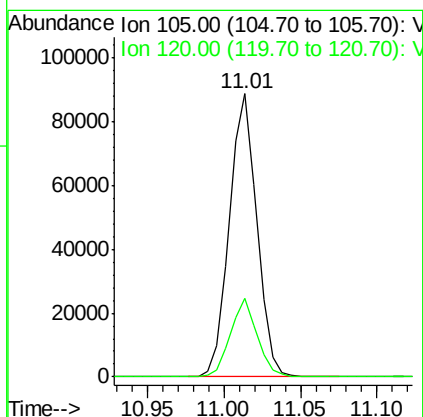
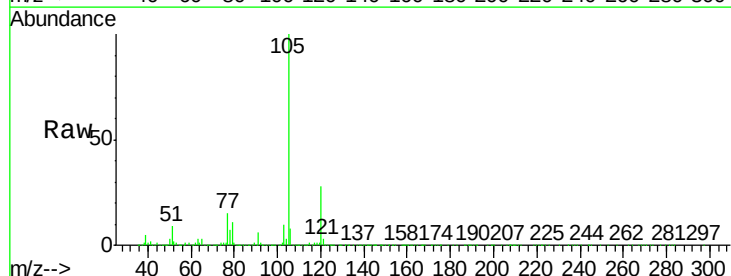
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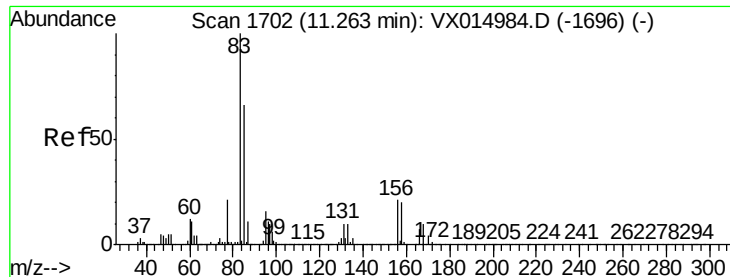
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#70
Isopropylbenzene
Concen: 4.826 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	110448		
120	27.1		18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 4.648 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 83 Resp: 35432

Ion Ratio Lower Upper

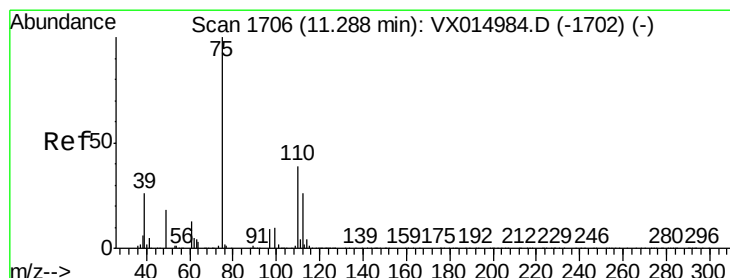
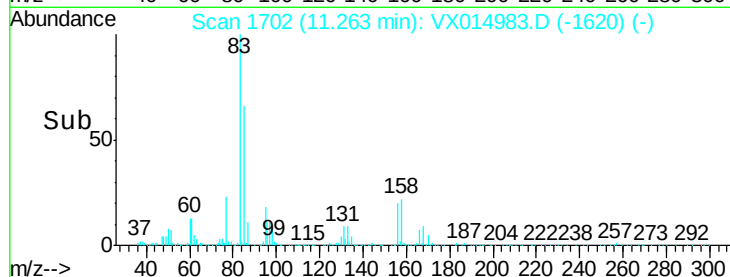
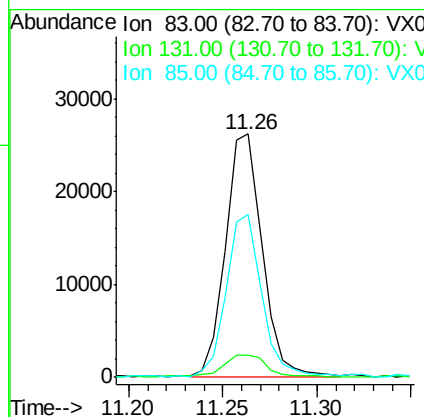
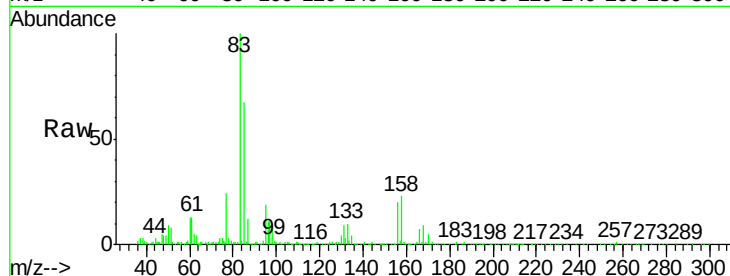
83 100

131 10.2 5.1 15.4

85 64.7 32.2 96.6

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#72

1,2,3-Trichloropropane

Concen: 4.485 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX014983.D

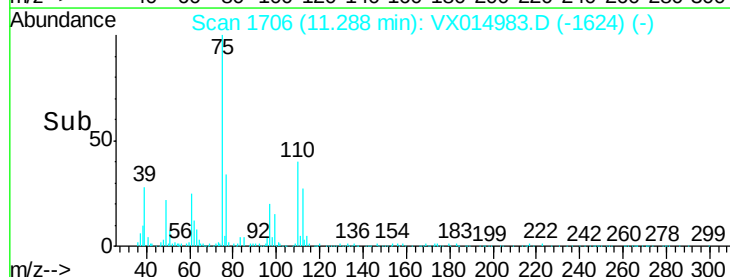
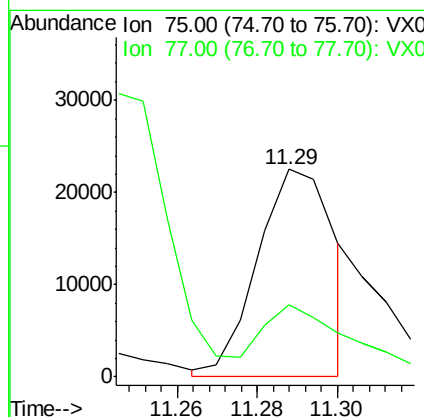
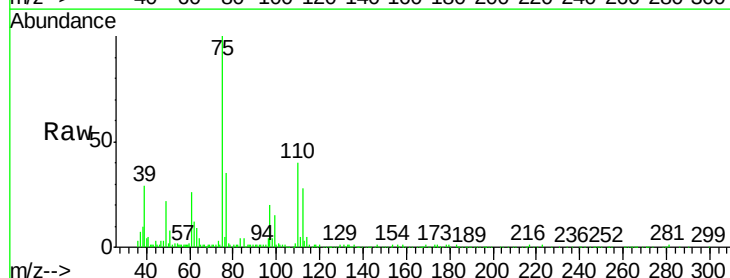
Acq: 21 Feb 2020 09:14

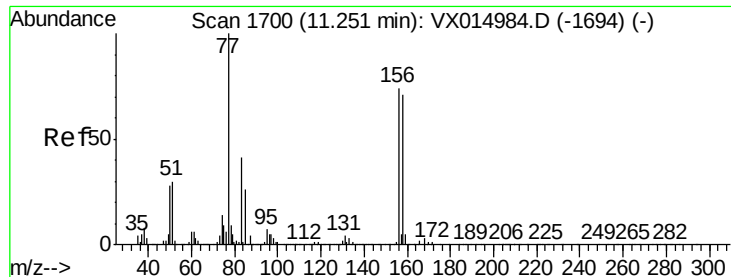
Tgt Ion: 75 Resp: 29919

Ion Ratio Lower Upper

75 100

77 39.0 0.0 75.4





#73

Bromobenzene

Concen: 4.887 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

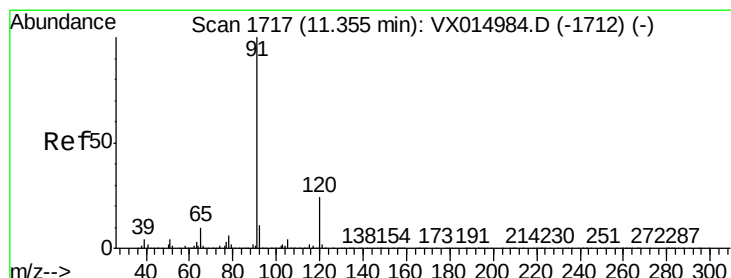
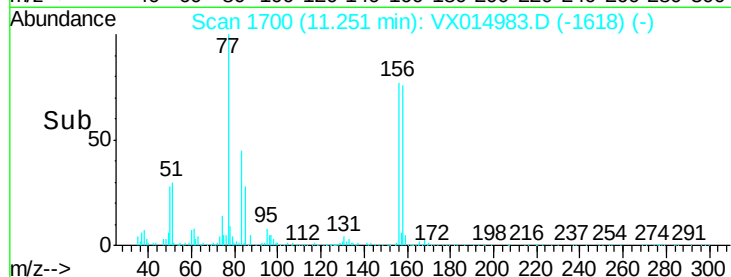
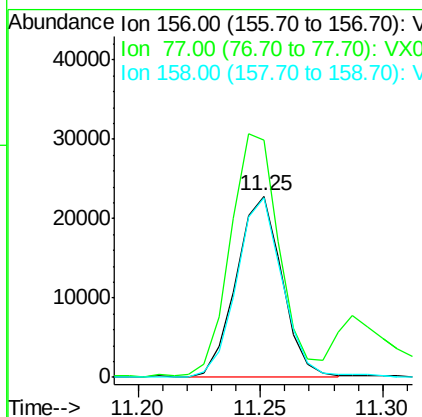
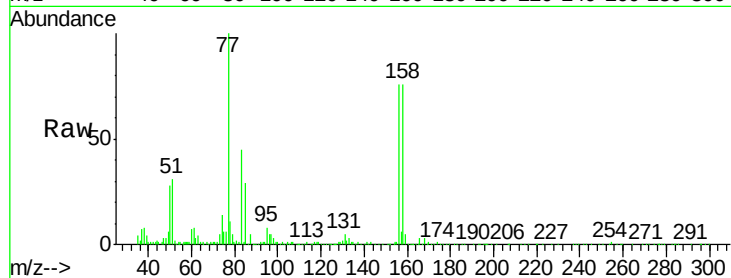
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	144.1	0.0	286.8
158	98.4	0.0	191.8

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#74

n-propylbenzene

Concen: 4.550 ug/l

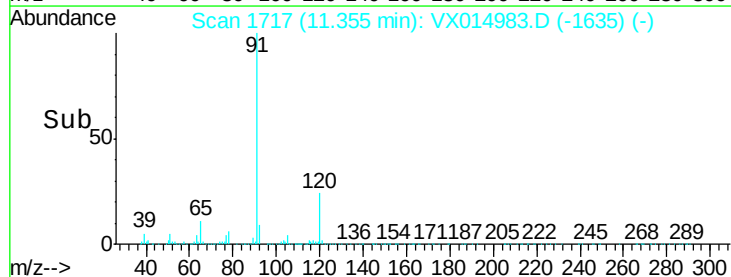
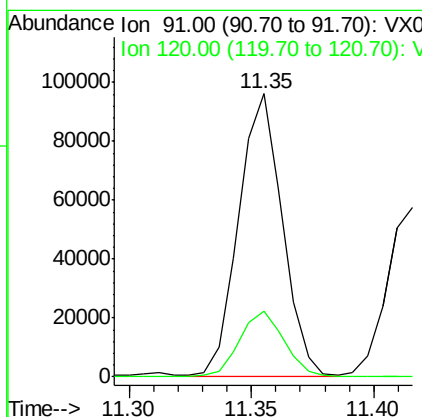
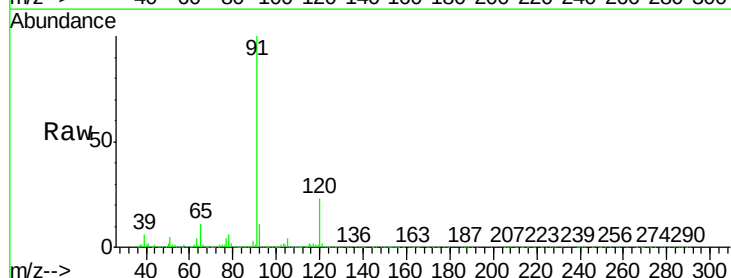
RT: 11.35 min Scan# 1717

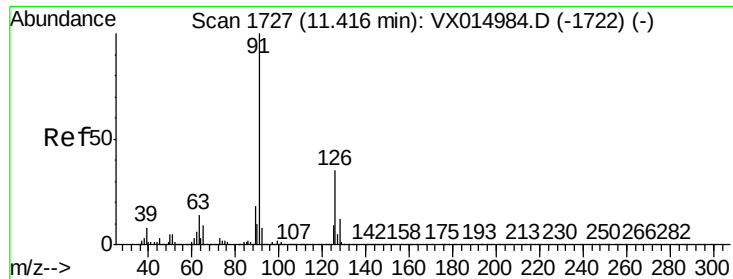
Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	0.0	47.0





#75

2-Chlorotoluene

Concen: 4.703 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 73668

Ion Ratio Lower Upper

91 100

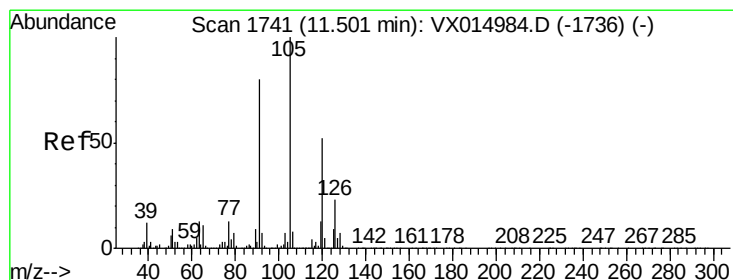
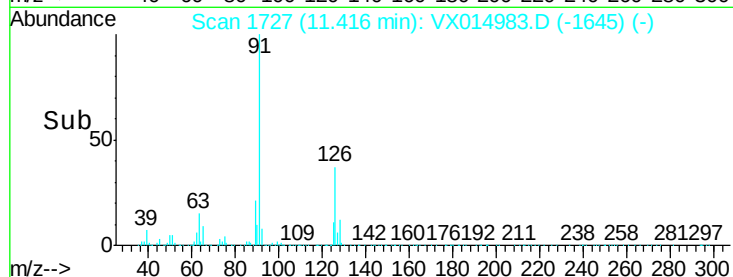
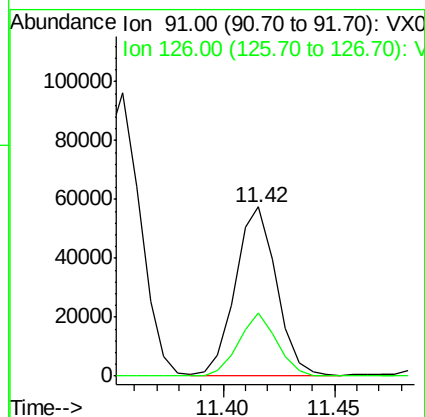
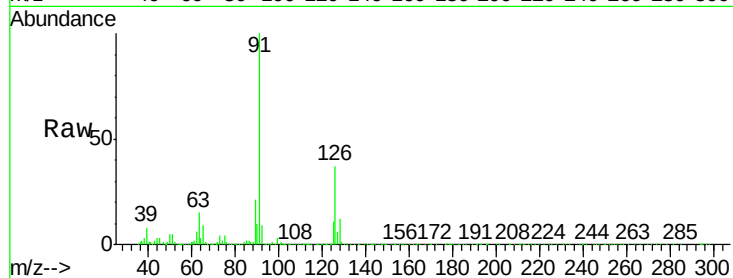
126 34.6 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 4.599 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014983.D

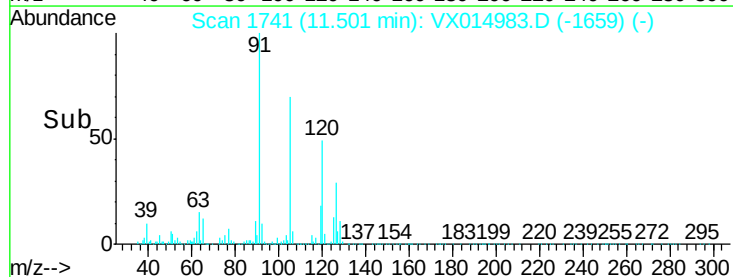
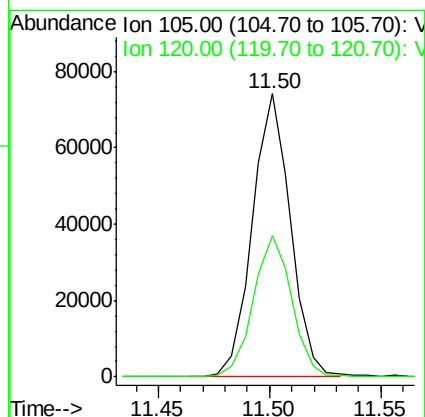
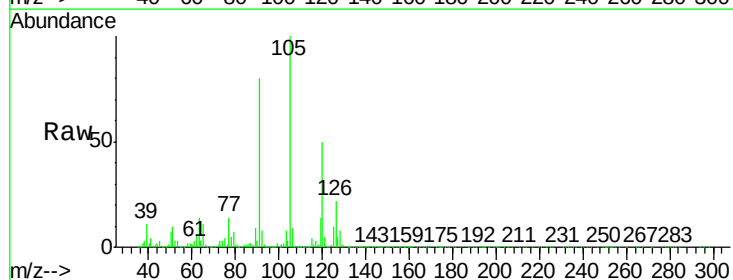
Acq: 21 Feb 2020 09:14

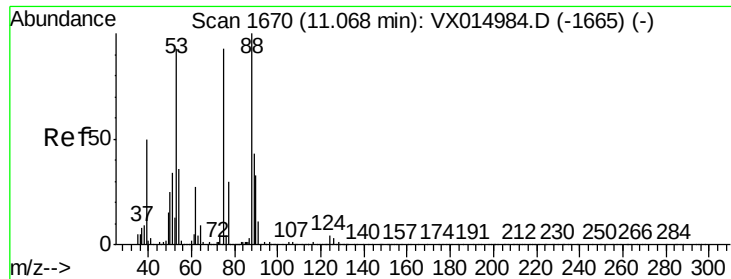
Tgt Ion: 105 Resp: 87776

Ion Ratio Lower Upper

105 100

120 50.2 0.0 101.0





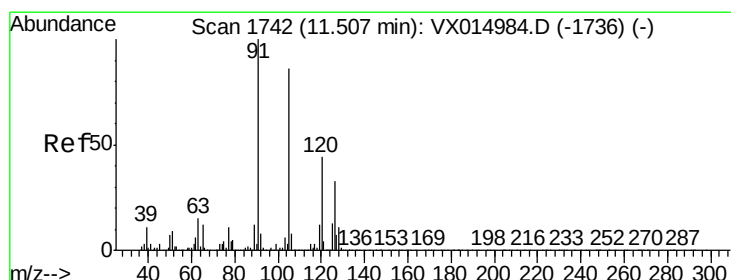
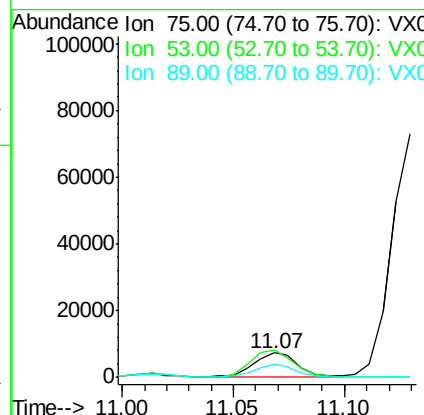
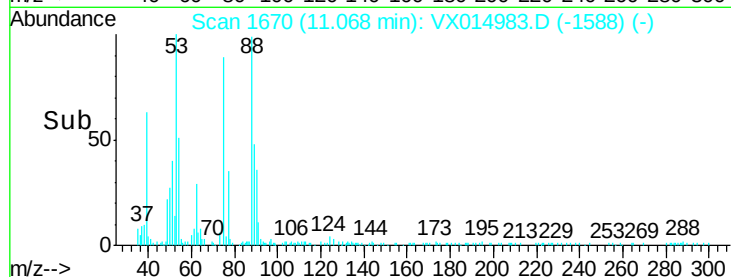
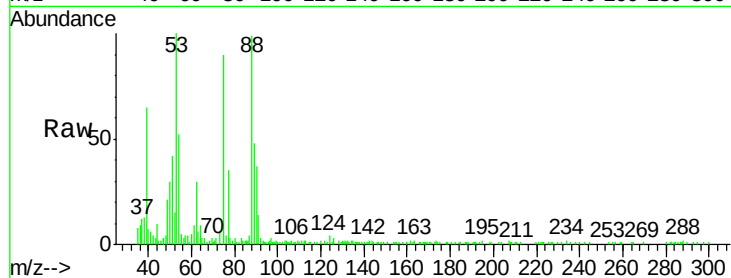
#77
t-1,4-Dichloro-2-butene
Concen: 3.714 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.7	50.0	149.8
89	52.9	23.5	70.5

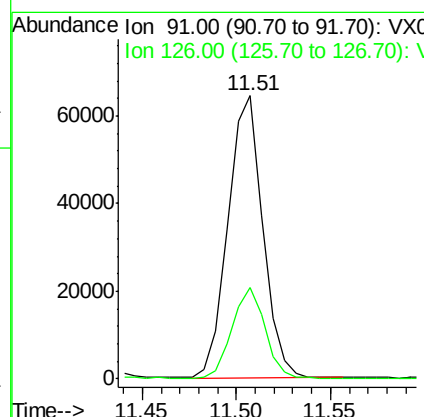
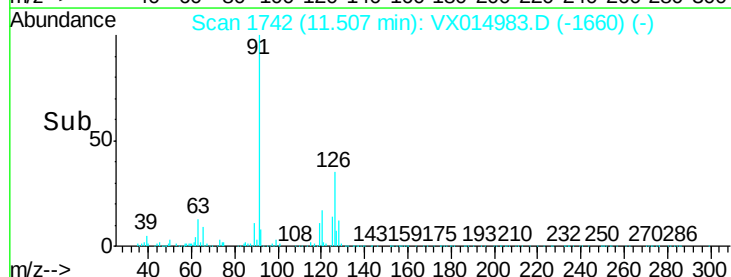
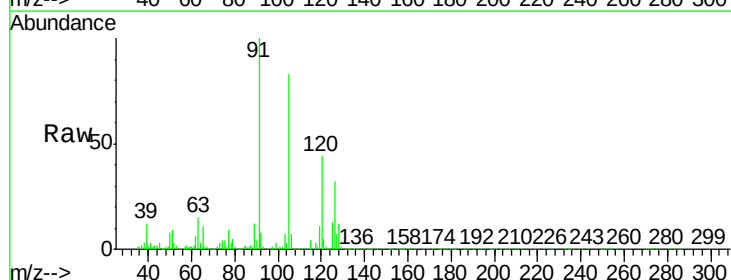
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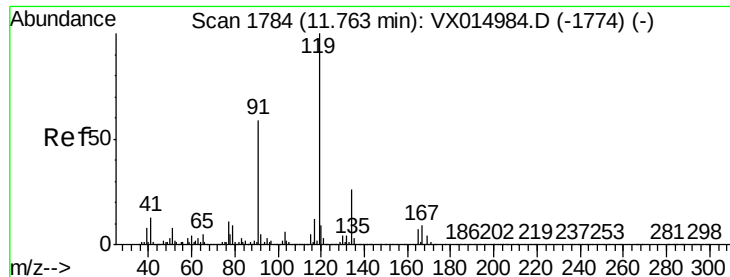
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#78
4-Chlorotoluene
Concen: 4.639 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	0.0	62.0





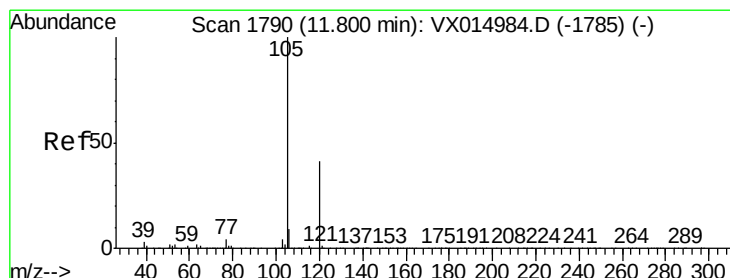
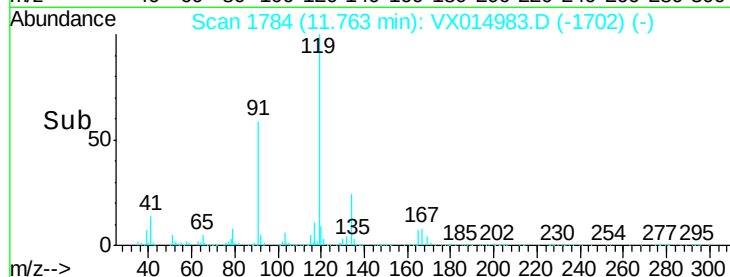
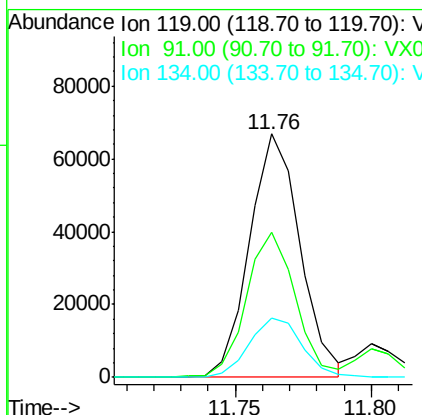
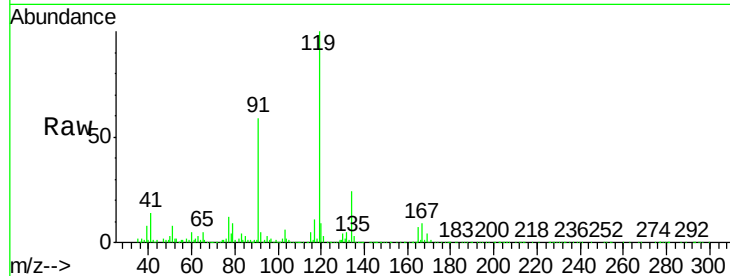
#79
tert-butylbenzene
Concen: 4.798 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	86152		
91	57.3	0.0	114.4	
134	25.6	0.0	48.8	

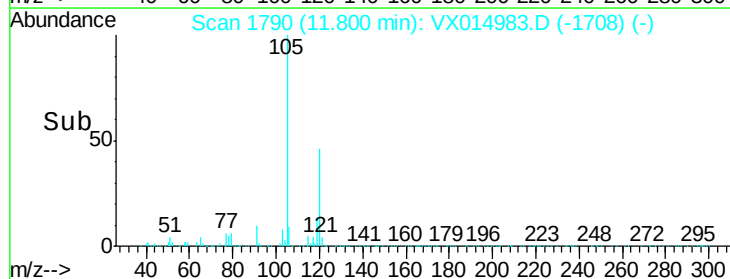
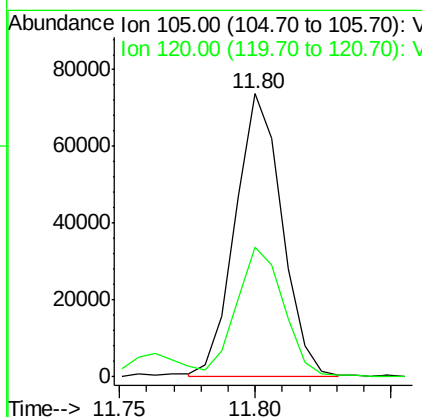
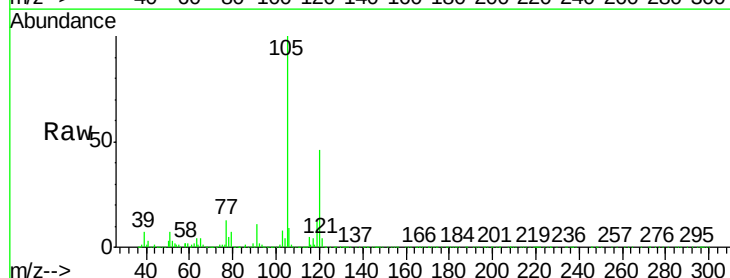
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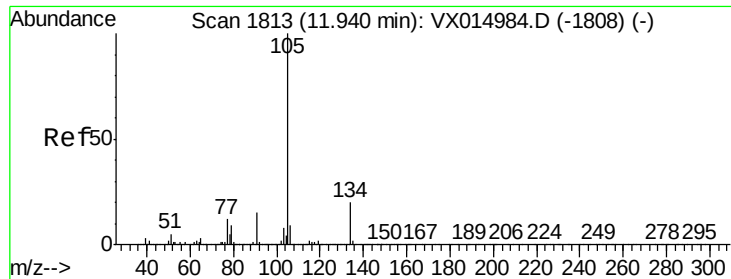
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#80
1,2,4-Trimethylbenzene
Concen: 4.612 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	87566		
120	46.4	0.0	93.4	





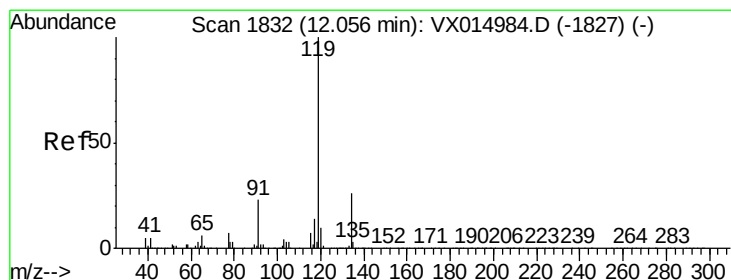
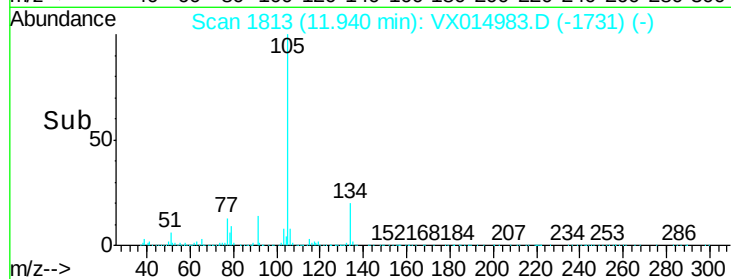
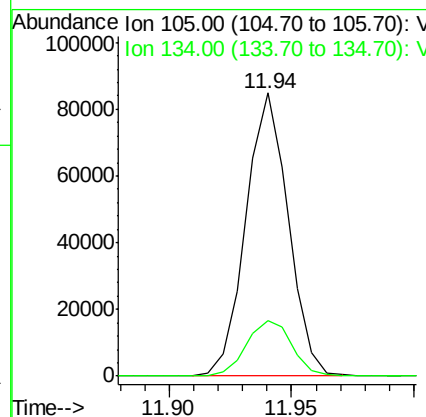
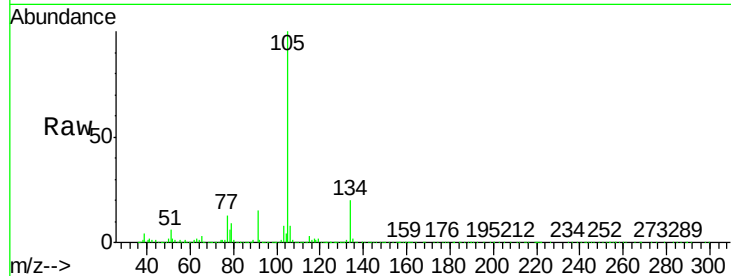
#81
 sec-Butylbenzene
 Concen: 4.618 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014983.D
 Acq: 21 Feb 2020 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp Lower	Upper
105	100		
134	21.1	0.0	40.8

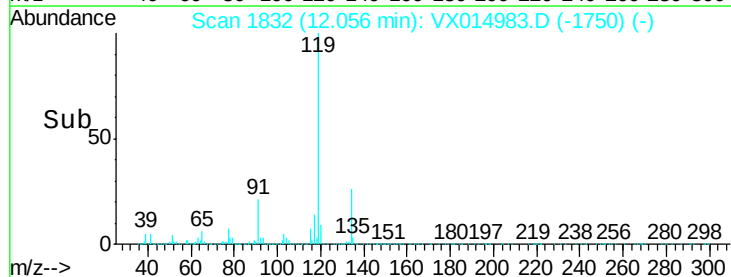
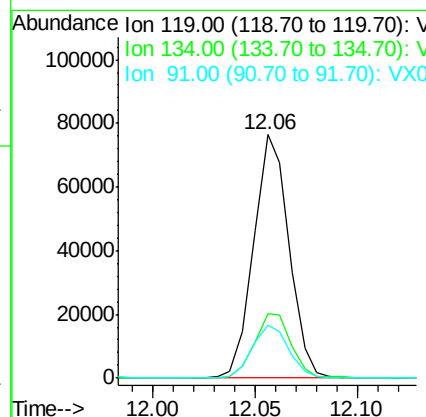
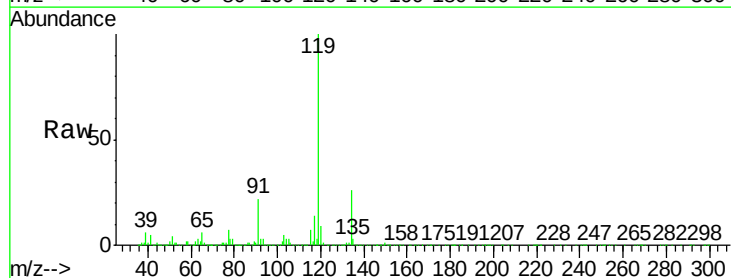
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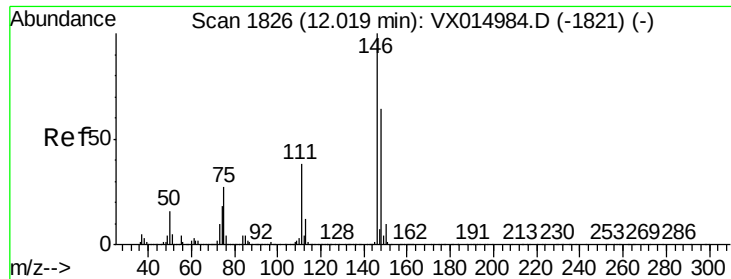
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#82
 p-Isopropyltoluene
 Concen: 4.572 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX014983.D
 Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Resp Lower	Upper
119	100		
134	26.9	0.0	53.2
91	22.2	0.0	44.6





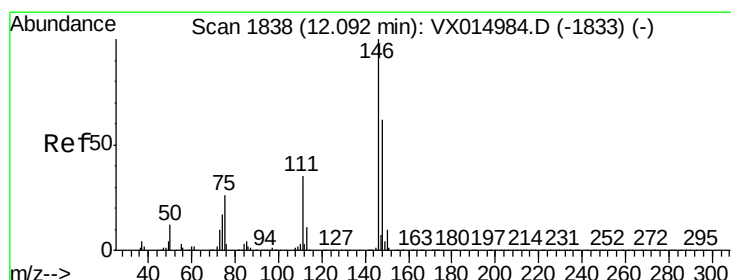
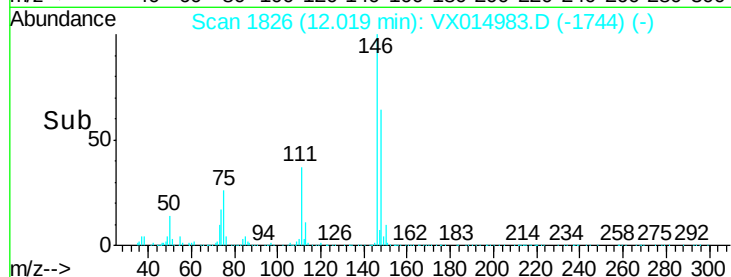
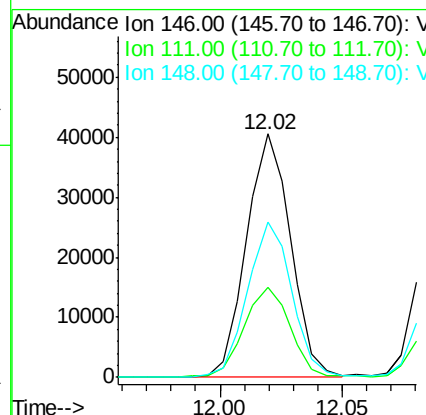
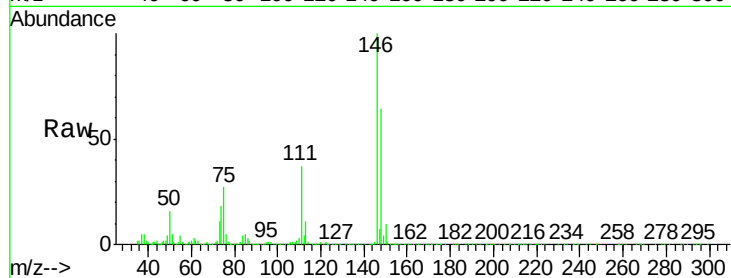
#83
 1,3-Dichlorobenzene
 Concen: 4.809 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014983.D
 Acq: 21 Feb 2020 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.9
148	63.8	32.3	96.9

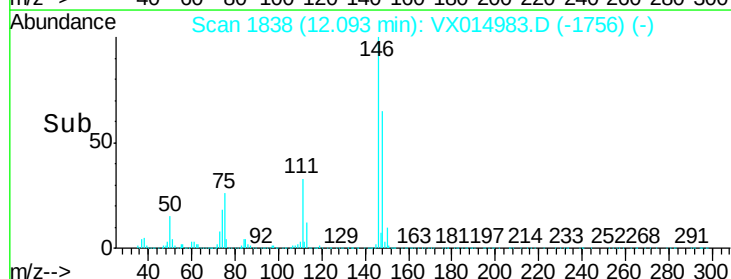
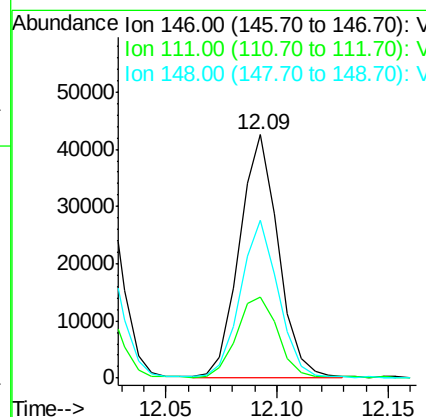
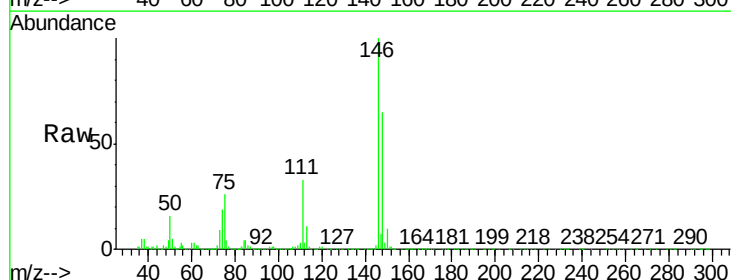
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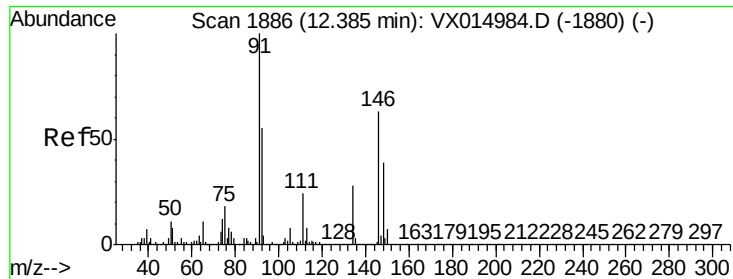
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#84
 1,4-Dichlorobenzene
 Concen: 4.869 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014983.D
 Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.1	17.8	53.5
148	63.8	31.4	94.2





#85

n-Butylbenzene

Concen: 4.139 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Instrument :

MSVOA_X

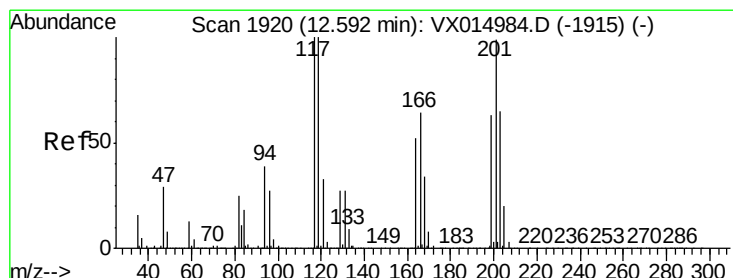
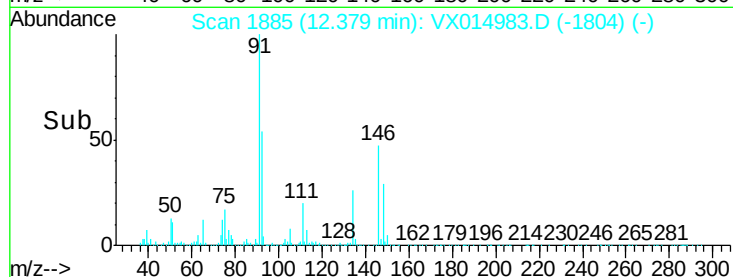
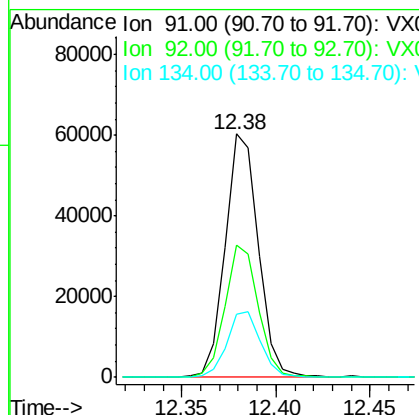
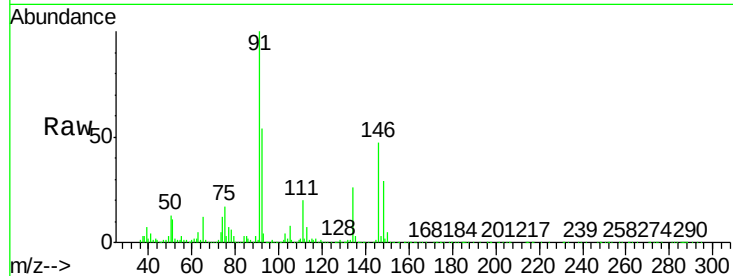
ClientSampleId :

VSTDIC005

Tot Ion:	91	Resp:	73361
Ion Ratio	Lower	Upper	
91	100		
92	53.9	0.0	109.8
134	27.5	0.0	54.8

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#86

Hexachloroethane

Concen: 4.702 ug/l

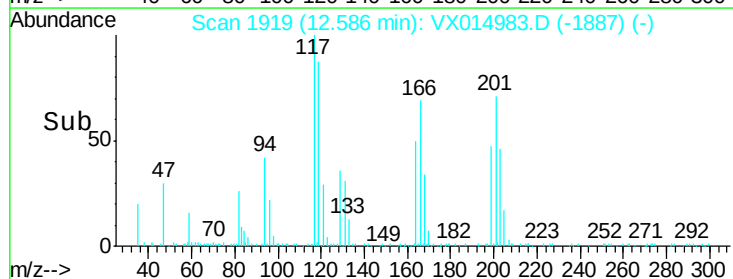
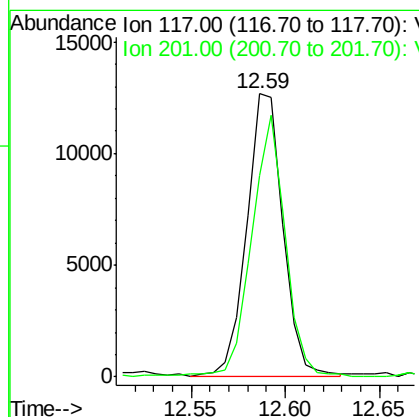
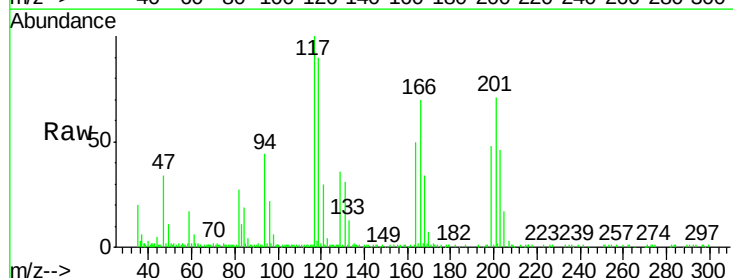
RT: 12.59 min Scan# 1919

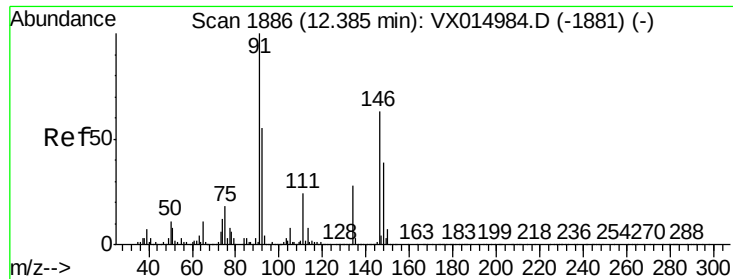
Delta R.T. -0.01 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Tgt Ion:	117	Resp:	17007
Ion Ratio	Lower	Upper	
117	100		
201	80.7	45.6	136.7





#87

1,2-Dichlorobenzene

Concen: 4.698 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014983.D

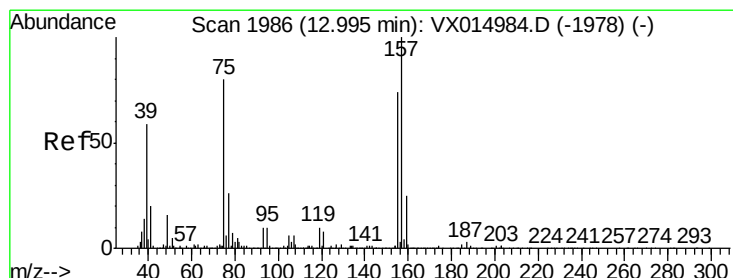
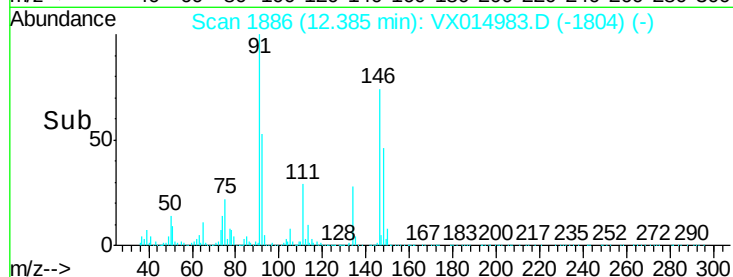
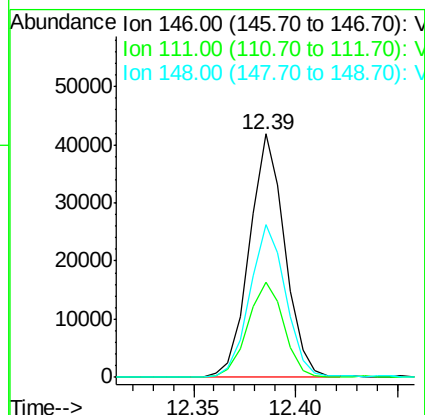
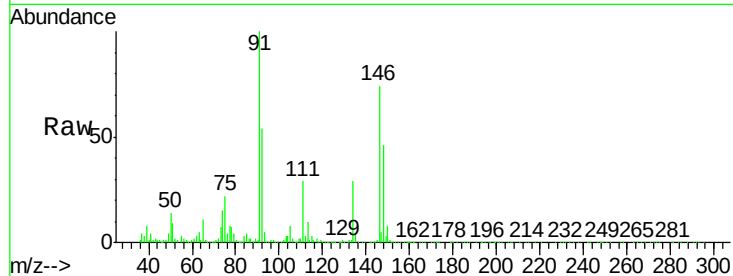
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.7	59.1
148	64.5	32.0	96.0

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#88

1,2-Dibromo-3-Chloropropane

Concen: 4.467 ug/l

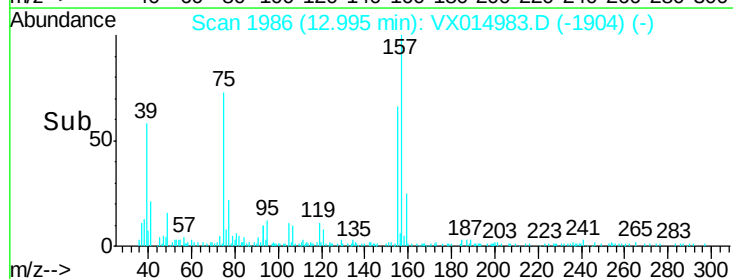
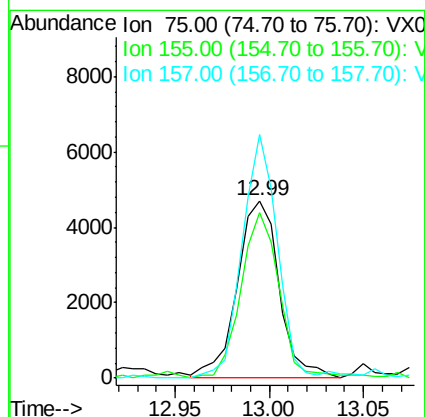
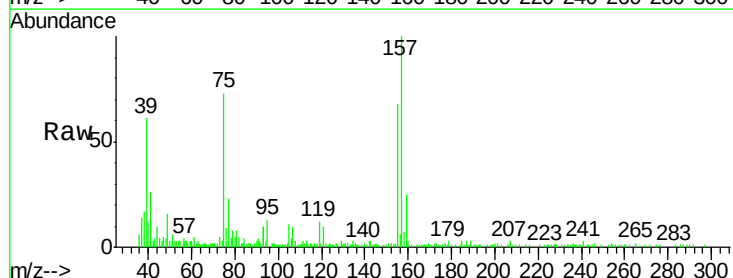
RT: 12.99 min Scan# 1886

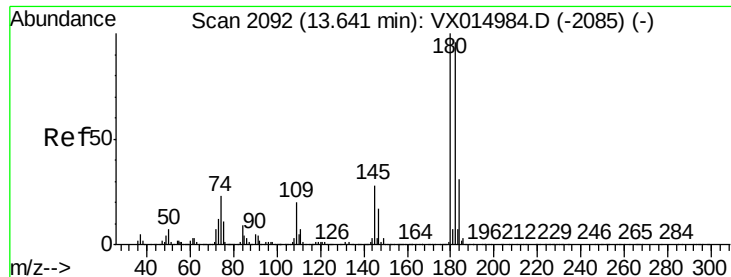
Delta R.T. 0.00 min

Lab File: VX014983.D

Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.7	74.5	111.7
157	114.2	96.2	144.4





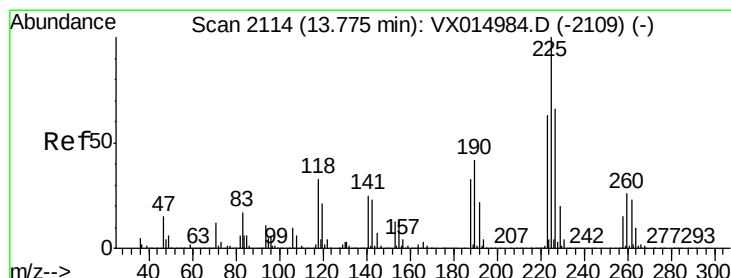
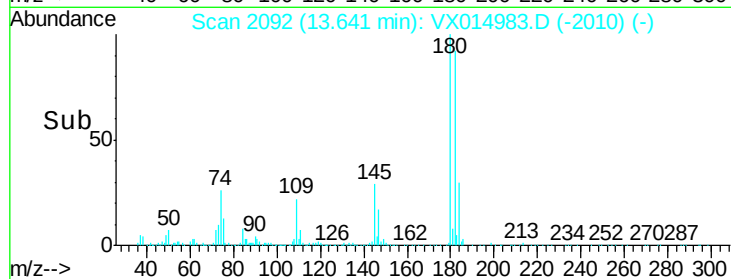
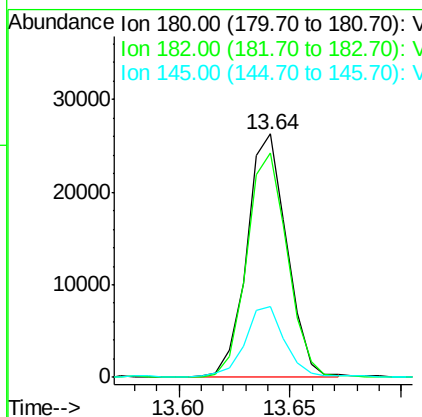
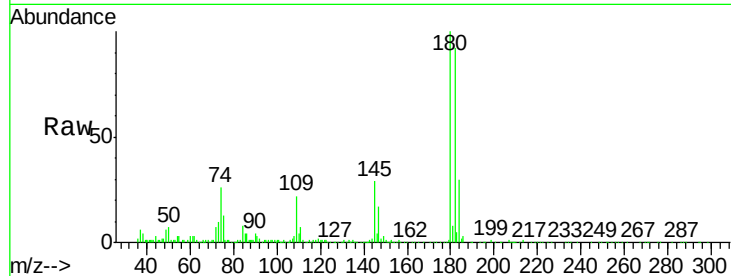
#89
 1,2,4-Trichlorobenzene
 Concen: 4.593 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014983.D
 Acq: 21 Feb 2020 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.4	114.6
145	29.4	21.8	32.6

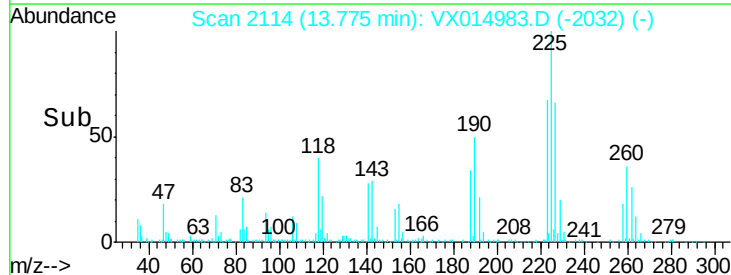
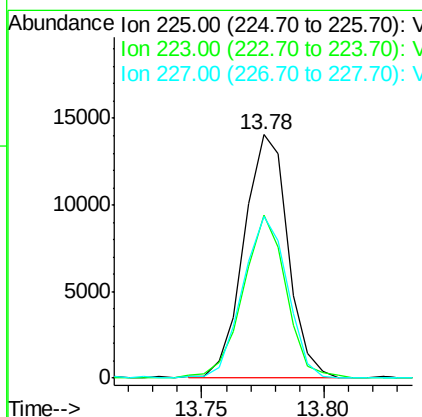
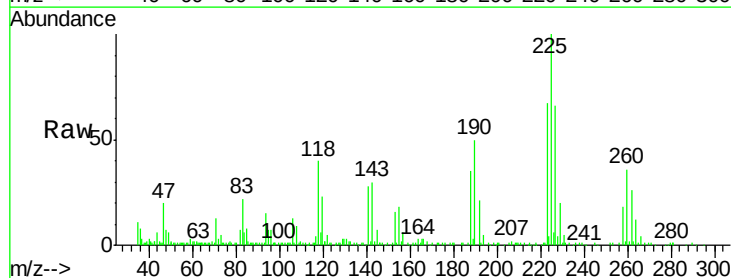
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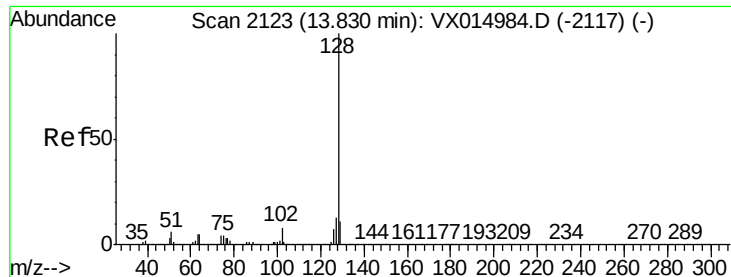
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#90
 Hexachlorobutadiene
 Concen: 4.942 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014983.D
 Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	0.0	132.0
227	67.1	0.0	131.0





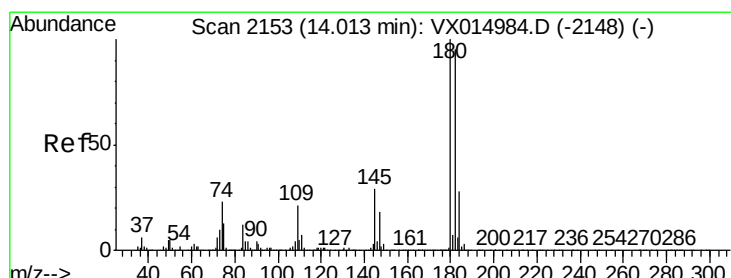
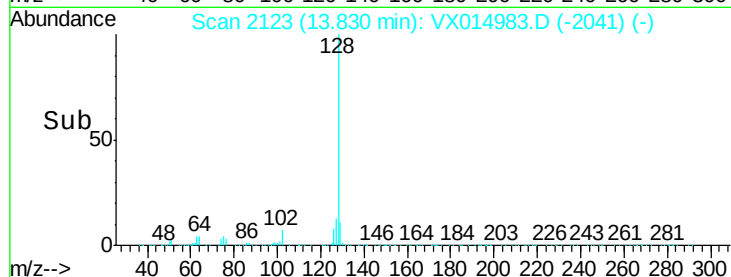
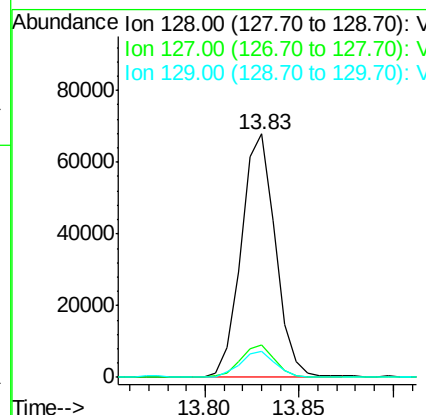
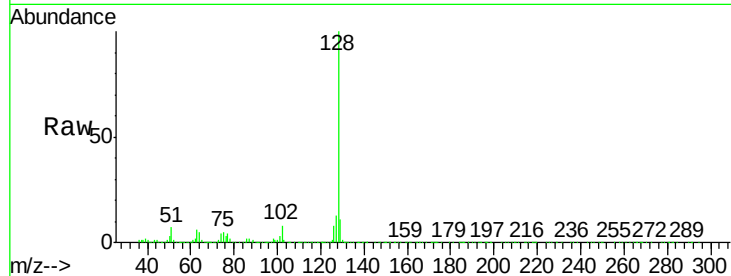
#91
Naphthalene
Concen: 3.983 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.0	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 4.725 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014983.D
Acq: 21 Feb 2020 09:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	0.0	192.4
145	28.4	0.0	60.4

