

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020720\
 Data File : VX014874.D
 Acq On : 07 Feb 2020 16:25
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 2/10/2020 10:49:46 AM

Quant Time: Feb 07 22:55:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	68991	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	388739	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	360110	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	149187	30.76	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.53%
60) 4-Bromofluorobenzene	11.13	95	176206	30.58	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.93%
63) Toluene-d8	8.71	98	472798	29.07	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	99050	20.774	ug/l 99
3) Chloromethane	1.32	50	93565	17.924	ug/l 97
4) Vinyl Chloride	1.40	62	111802	19.075	ug/l 99
5) Bromomethane	1.64	94	46574	12.734	ug/l 98
6) Chloroethane	1.72	64	67003	20.278	ug/l 97
7) Trichlorofluoromethane	1.93	101	136665	21.058	ug/l 99
8) Diethyl Ether	2.18	74	57985	20.455	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81787	21.540	ug/l 98
10) 1,1-Dichloroethene	2.37	96	78073	20.442	ug/l 96
11) Methyl Iodide	2.50	142	39187	7.651	ug/l 99
12) Methyl Acetate	2.76	43	141208	20.467	ug/l 100
13) Acrolein	2.28	56	65519	90.410	ug/l 96
14) Acrylonitrile	3.13	53	225860	95.673	ug/l 98
15) Acetone	2.43	58	62053	78.406	ug/l 86
16) Carbon Disulfide	2.56	76	199212	18.992	ug/l 97
17) Allyl chloride	2.72	41	133904	18.945	ug/l 92
18) Methylene Chloride	2.85	84	90470	20.240	ug/l 91
19) trans-1,2-Dichloroethene	3.16	96	84829	20.633	ug/l 99
20) Diisopropyl ether	3.84	45	285511	20.416	ug/l 99
21) 1,1-Dichloroethane	3.69	63	150131	19.762	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	98748	20.901	ug/l 99
23) tert-Butyl Alcohol	3.02	59	89199	91.363	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	274048	21.561	ug/l 99
25) Chloroform	5.20	83	156038	21.203	ug/l 97
26) Cyclohexane	5.58	56	136591	19.492	ug/l 99
29) 1,1-Dichloropropene	5.79	75	118395	20.767	ug/l 98
30) 2-Butanone	4.65	43	313774	86.882	ug/l 99
31) 2,2-Dichloropropane	4.58	77	127617	20.920	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	131350	20.825	ug/l 99
33) Carbon Tetrachloride	5.78	117	112937	20.856	ug/l 98
34) Benzene	6.14	78	348096	19.759	ug/l 99
35) Methacrylonitrile	5.03	41	68593	19.017	ug/l 94
36) 1,2-Dichloroethane	6.19	62	126080	20.565	ug/l 97
37) Trichloroethene	7.20	130	100977	20.934	ug/l 100
38) Methylcyclohexane	7.46	83	140331	19.769	ug/l 97
39) 1,2-Dichloropropane	7.51	63	87838	19.174	ug/l 95
40) Dibromomethane	7.65	93	59610	20.247	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	118767	20.600	ug/l	97
42) Vinyl Acetate	3.80	43	1104663	99.239	ug/l	99
43) Ethyl Acetate	4.82	43	126080	19.285	ug/l	99
44) Isopropyl Acetate	6.43	43	203412	19.287	ug/l	99
45) 1,4-Dioxane	7.73	88	33345	316.073	ug/l	96
46) Methyl methacrylate	7.76	41	100711	19.418	ug/l	99
47) n-amyl Acetate	10.89	43	177793	20.119	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	132352	21.026	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	142166	20.044	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	91312	20.382	ug/l	99
51) Ethyl methacrylate	9.17	69	137406	19.699	ug/l	94
52) 1,3-Dichloropropane	9.37	76	153611	20.238	ug/l	99
53) Dibromochloromethane	9.57	129	95996	20.949	ug/l	98
54) 1,2-Dibromoethane	9.67	107	98238	21.144	ug/l	96
55) 2-Chloroethyl vinyl ether	8.30	63	284761	88.828	ug/l	98
56) Bromoform	10.85	173	73066	20.701	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	637037	93.938	ug/l	98
59) 2-Hexanone	9.48	43	477572	91.058	ug/l	99
61) Tetrachloroethene	9.33	164	100858	18.949	ug/l	97
62) Toluene	8.78	91	386981	20.255	ug/l	100
64) Chlorobenzene	10.14	112	246511	20.669	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	90554	20.557	ug/l	100
66) Ethyl Benzene	10.25	91	433328	20.823	ug/l	97
67) m/p-Xylenes	10.36	106	333551	41.845	ug/l	99
68) o-Xylene	10.70	106	159094	20.496	ug/l	99
69) Styrene	10.71	104	270587	20.575	ug/l	99
70) Isopropylbenzene	11.01	105	427894	21.042	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	137378	20.056	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	114833m	19.599	ug/l	
73) Bromobenzene	11.25	156	116348	21.584	ug/l	94
74) n-propylbenzene	11.35	91	496654	21.374	ug/l	98
75) 2-Chlorotoluene	11.42	91	287642	20.655	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	357209	21.081	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	41054	18.206	ug/l	96
78) 4-Chlorotoluene	11.51	91	337335	21.329	ug/l	96
79) tert-butylbenzene	11.76	119	346263	21.840	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	359696	21.284	ug/l	99
81) sec-Butylbenzene	11.94	105	416349	21.222	ug/l	98
82) p-Isopropyltoluene	12.06	119	394808	22.044	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	207649	22.062	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	209627	22.464	ug/l	99
85) n-Butylbenzene	12.39	91	348661	22.249	ug/l	100
86) Hexachloroethane	12.59	117	62271	19.389	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	206888	21.785	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	29257	19.995	ug/l	93
89) 1,2,4-Trichlorobenzene	13.64	180	152351	24.304	ug/l	98
90) Hexachlorobutadiene	13.78	225	72134	23.030	ug/l	98
91) Naphthalene	13.83	128	425570	22.491	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	149148	23.375	ug/l	99

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ClientSampleId :
VSTDCCC020EC

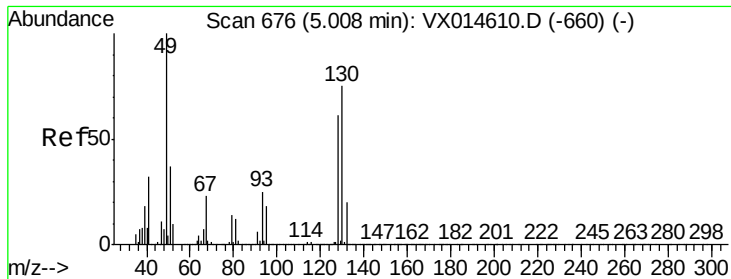
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

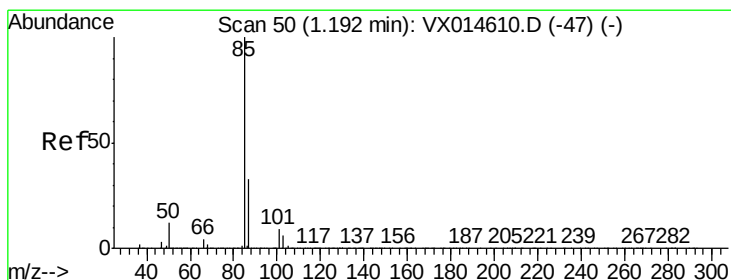
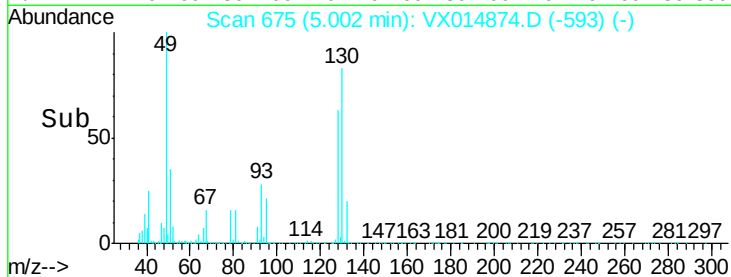
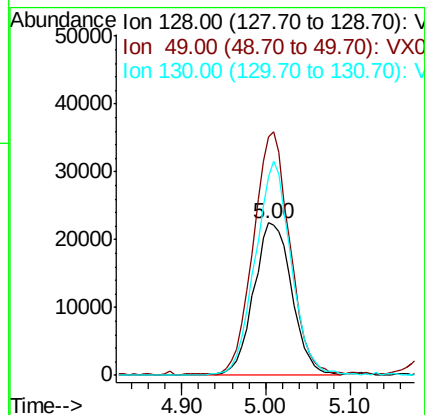
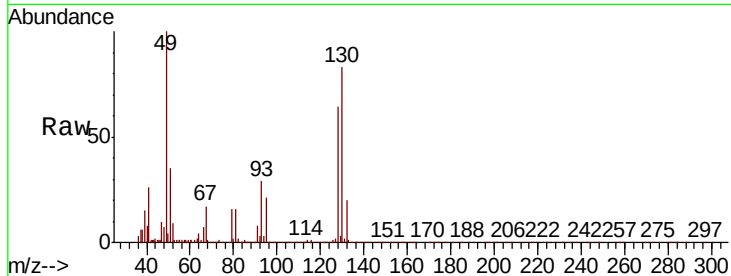
ClientSampleId :

VSTDCCC020EC

Tot Ion:	128	Resp:	68991
Ion	Ratio	Lower	Upper
128	100		
49	151.9	0.0	405.0
130	132.4	0.0	321.5

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#2

Dichlorodifluoromethane

Concen: 20.774 ug/l

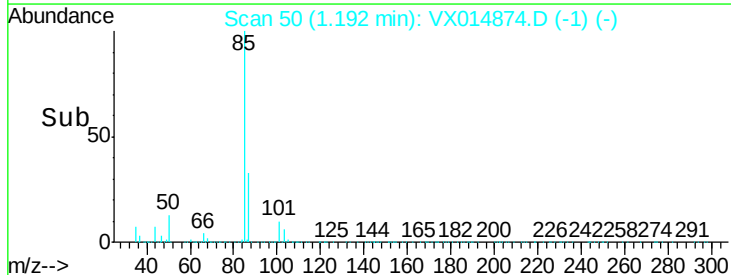
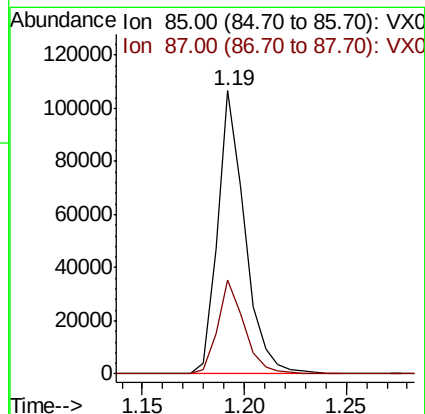
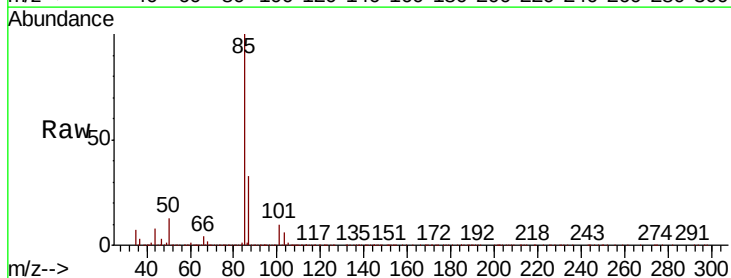
RT: 1.19 min Scan# 50

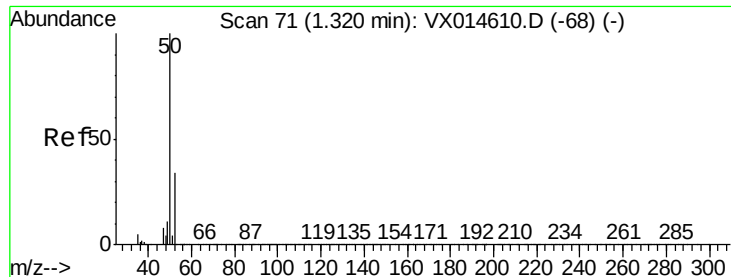
Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Tgt Ion:	85	Resp:	99050
Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.3	48.9





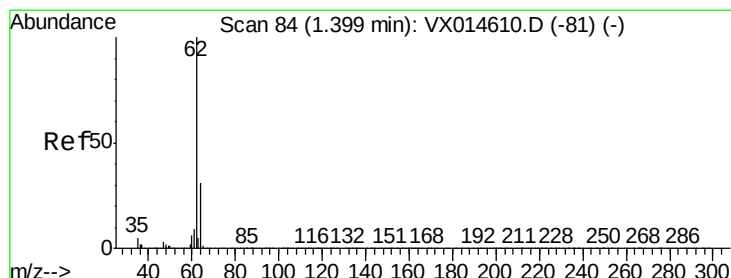
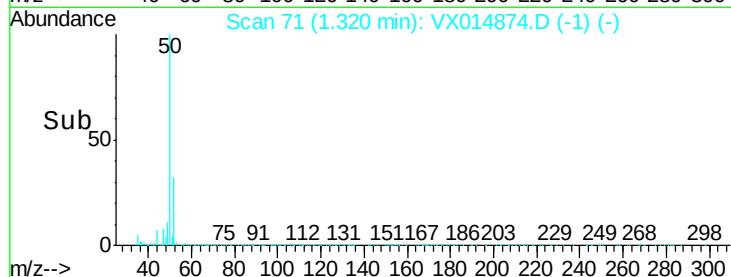
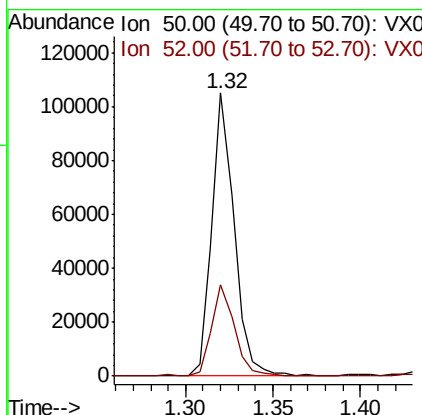
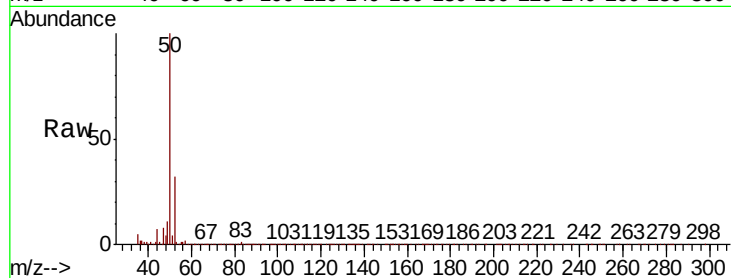
#3
Chloromethane
Concen: 17.924 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.0	24.3	36.5

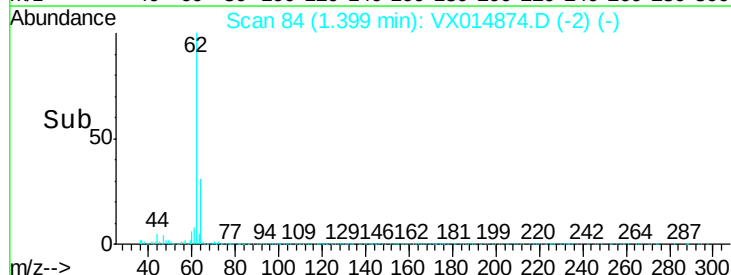
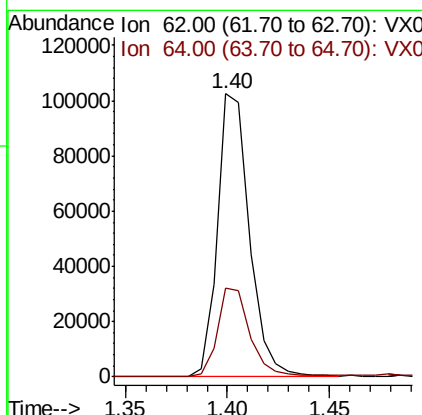
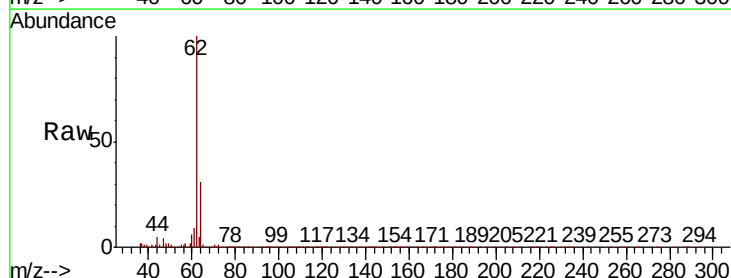
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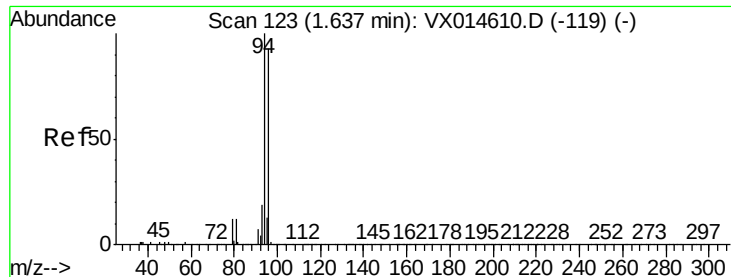
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#4
Vinyl Chloride
Concen: 19.075 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.1	25.2	37.8





#5

Bromomethane

Concen: 12.734 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 46574

Ion Ratio Lower Upper

94 100

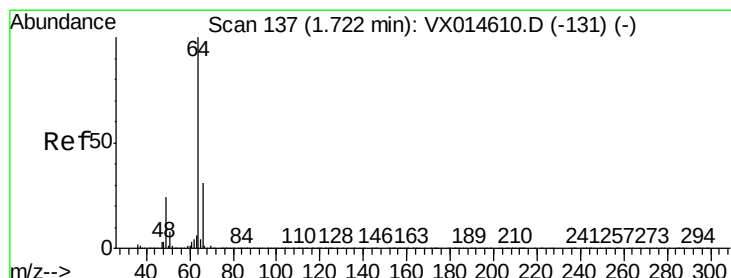
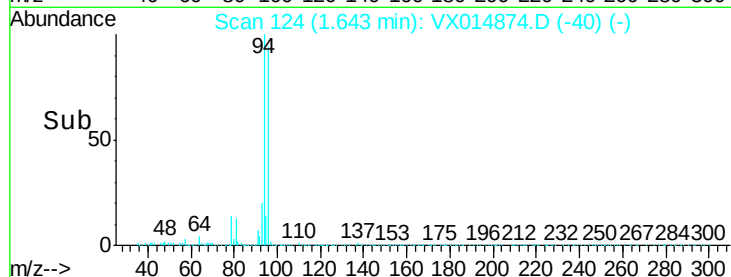
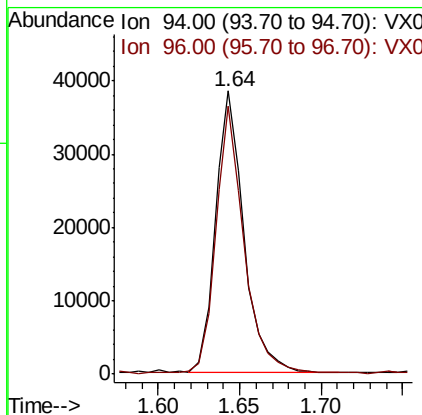
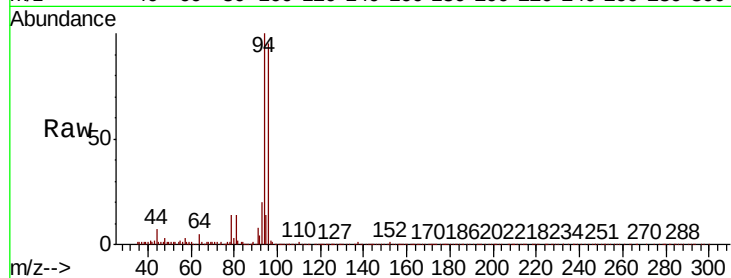
96 94.6 74.4 111.6

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#6

Chloroethane

Concen: 20.278 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014874.D

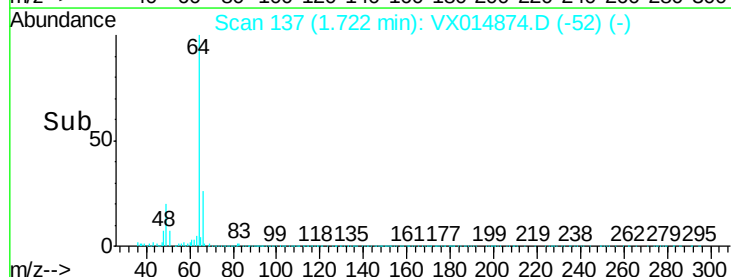
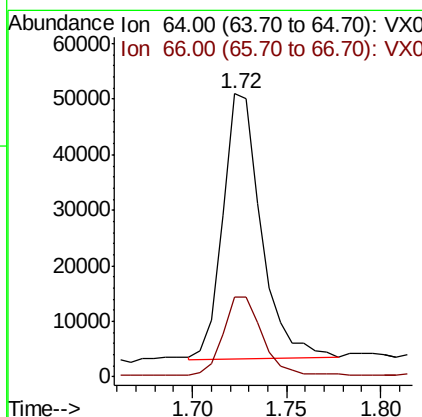
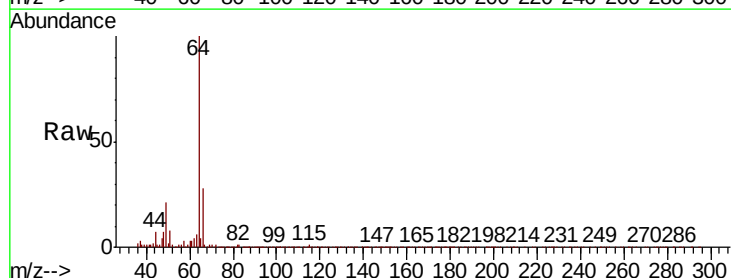
Acq: 07 Feb 2020 16:25

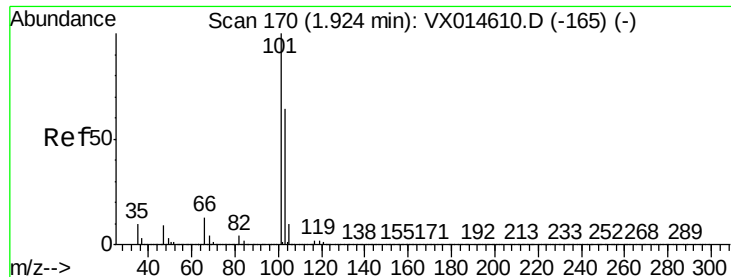
Tgt Ion: 64 Resp: 67003

Ion Ratio Lower Upper

64 100

66 29.7 25.2 37.8





#7

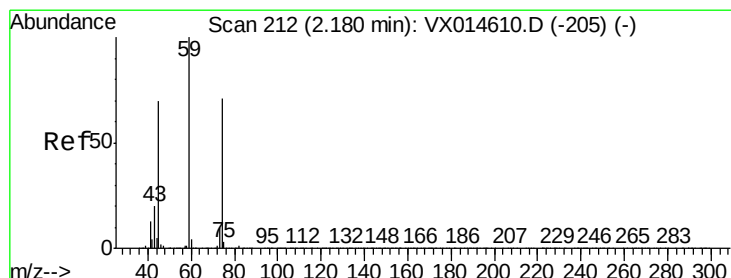
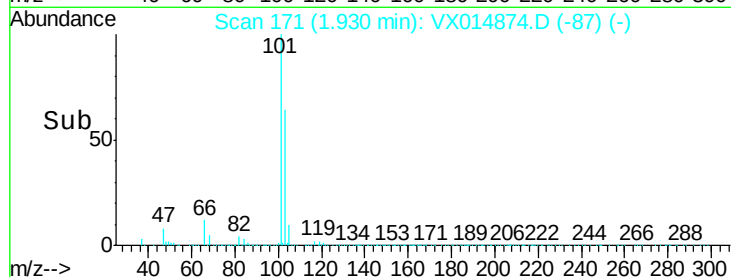
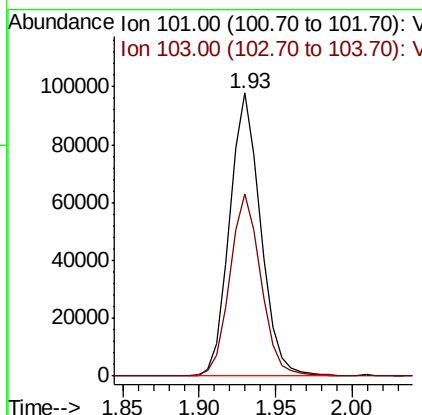
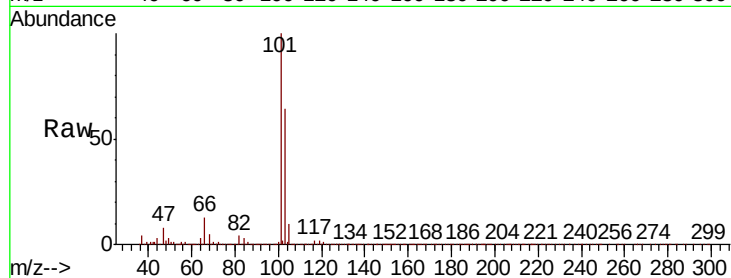
Trichlorofluoromethane
Concen: 21.058 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014874.D
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.6	77.4

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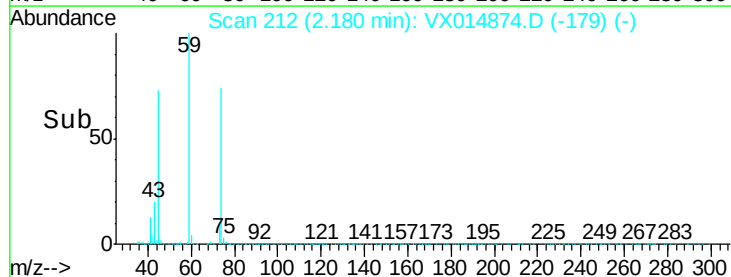
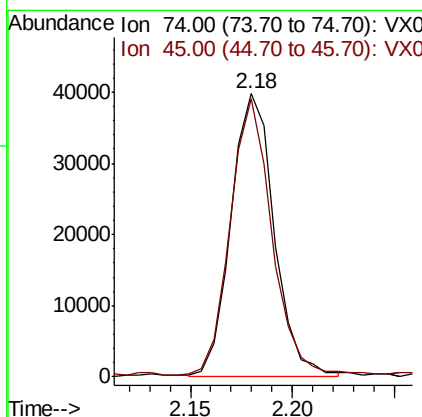
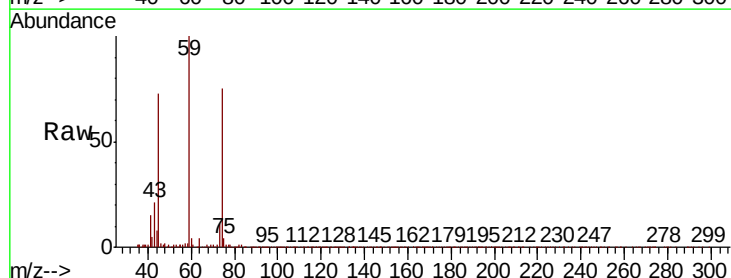
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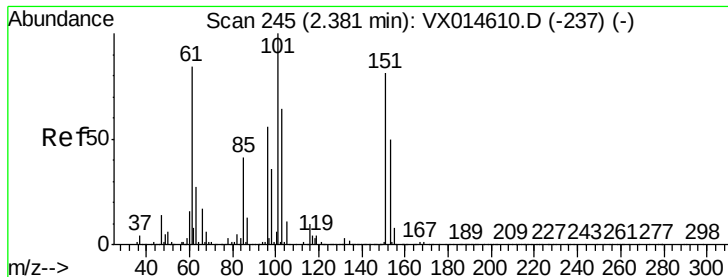


#8

Diethyl Ether
Concen: 20.455 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.7	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.540 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

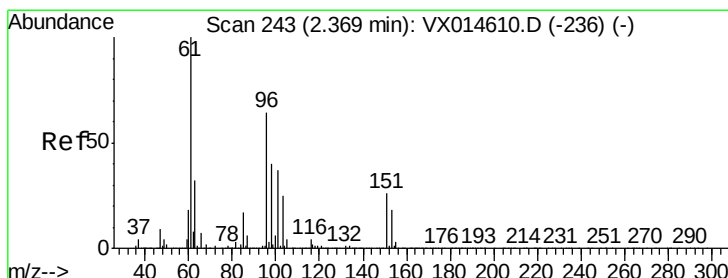
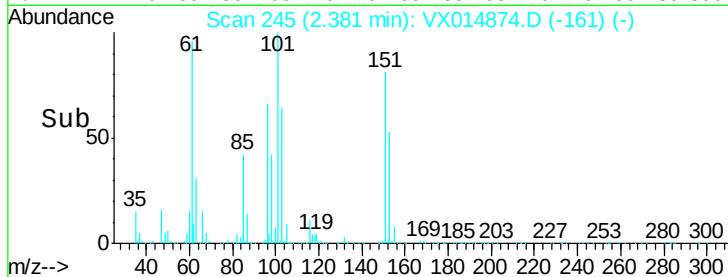
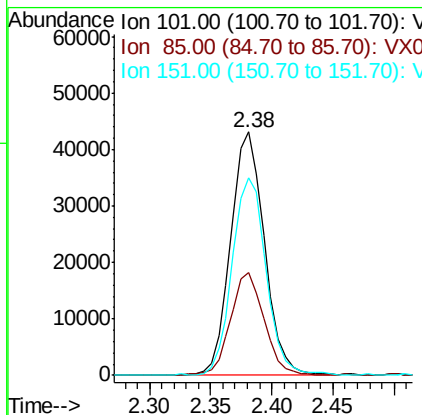
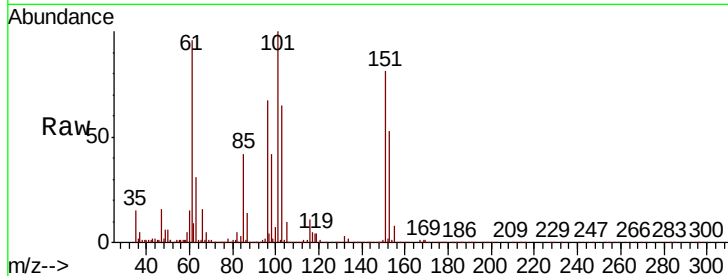
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	81787
Ion Ratio	Lower	Upper	
101	100		
85	41.6	0.0	85.6
151	81.5	0.0	159.4

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#10

1,1-Dichloroethene

Concen: 20.442 ug/l

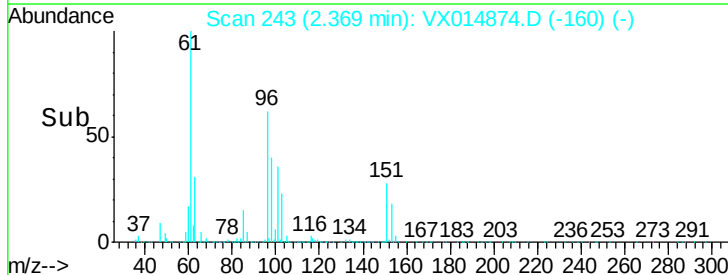
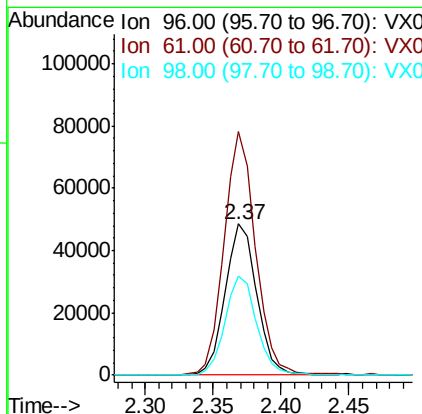
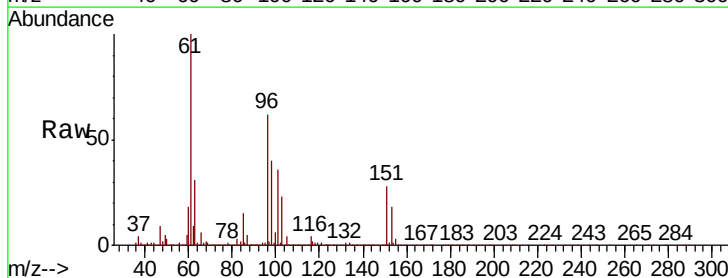
RT: 2.37 min Scan# 243

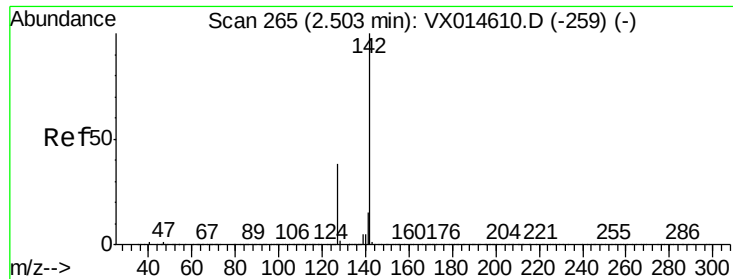
Delta R.T. 0.01 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Tgt Ion:	96	Resp:	78073
Ion Ratio	Lower	Upper	
96	100		
61	160.3	123.0	184.6
98	65.0	51.4	77.0





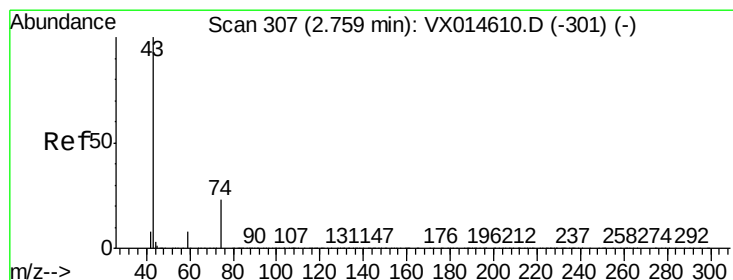
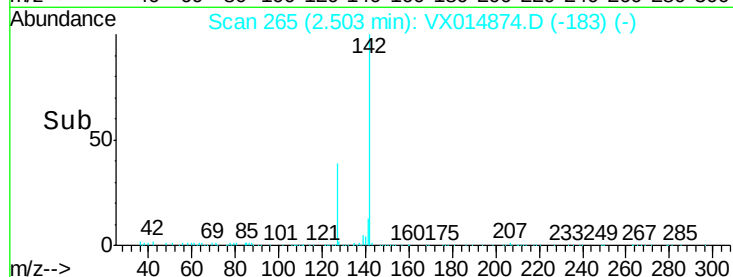
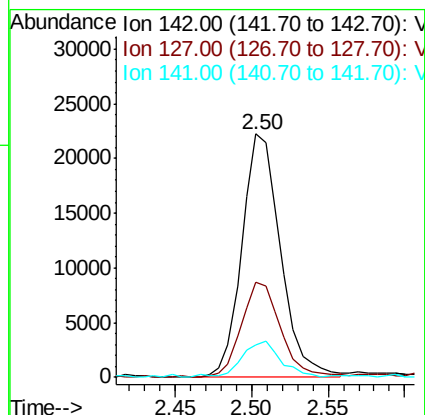
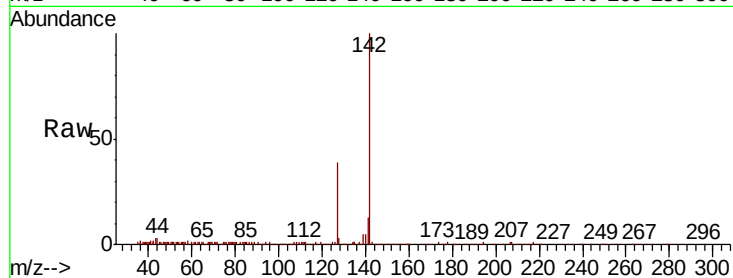
#11
Methvl Iodide
Concen: 7.651 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.9	19.5	58.5
141	12.9	7.0	20.9

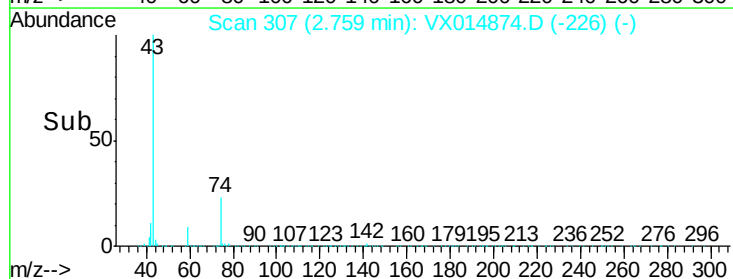
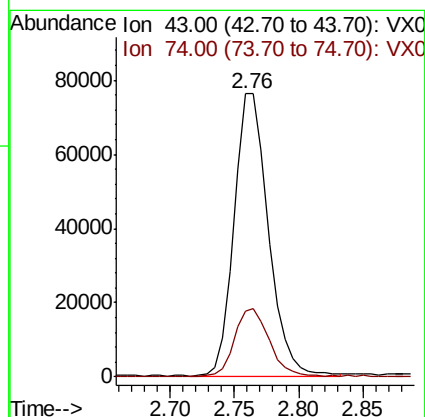
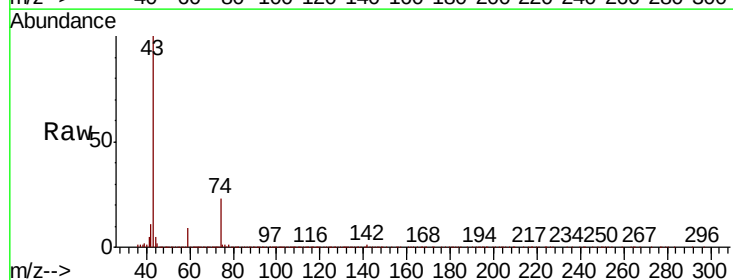
Manual Integrations
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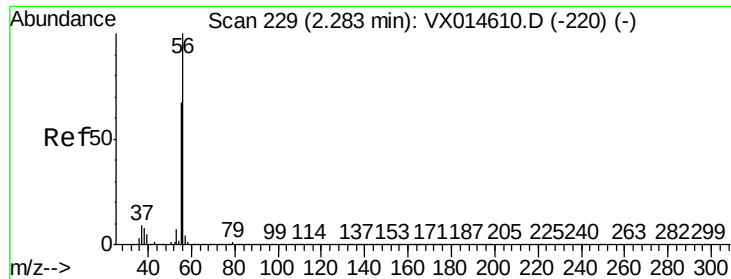
MMDadoda
2/10/2020 10:49:46 AM



#12
Methyl Acetate
Concen: 20.467 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.5	27.7





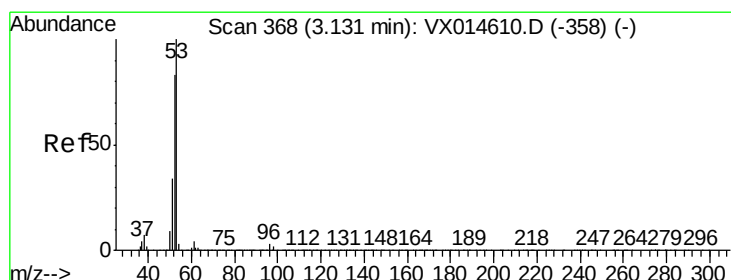
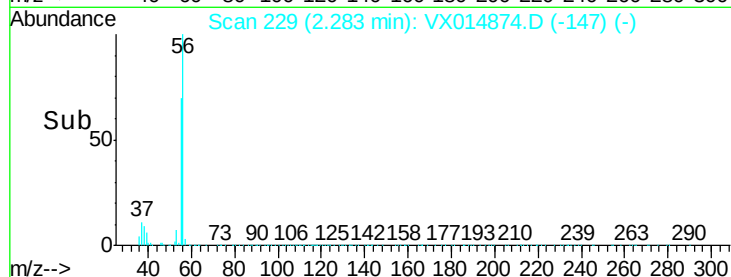
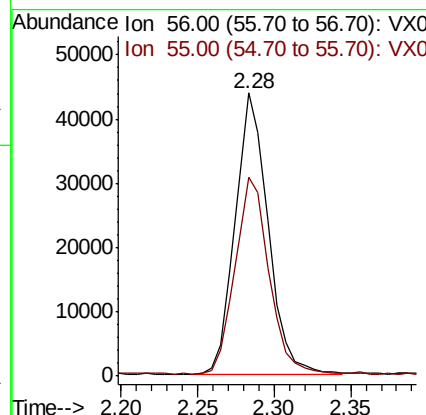
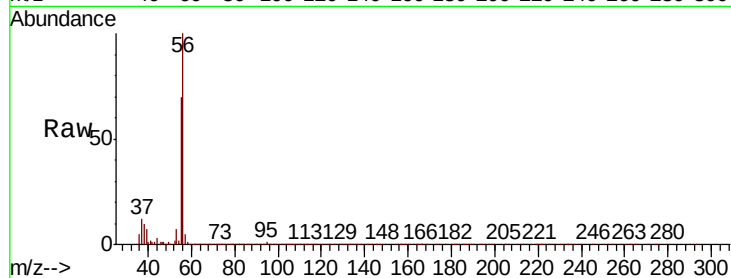
#13
Acrolein
Concen: 90.410 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.8	54.9	82.3

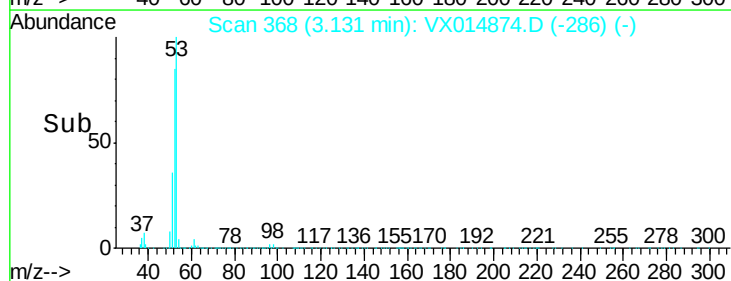
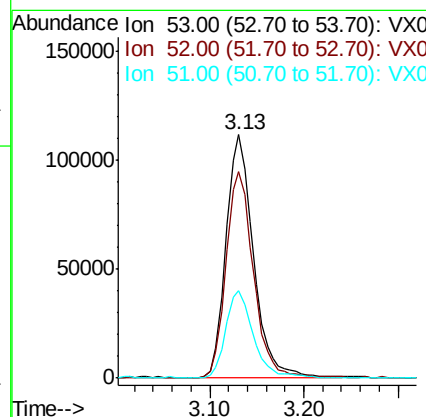
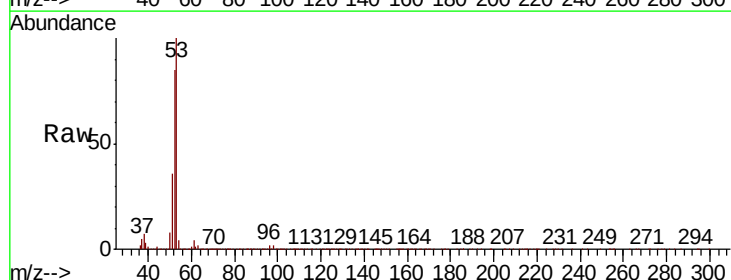
Manual Integrations
APPROVED

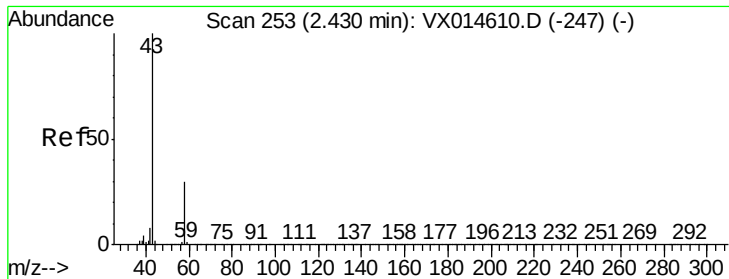
MMDadoda
2/10/2020 10:49:46 AM



#14
Acrylonitrile
Concen: 95.673 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.7	41.5	124.6
51	34.6	17.8	53.5





#15

Acetone

Concen: 78.406 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 62053

Ion Ratio Lower Upper

58 100

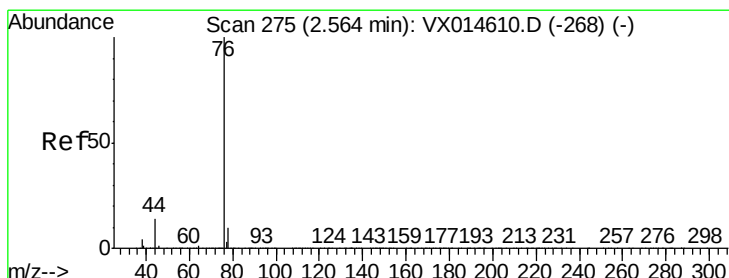
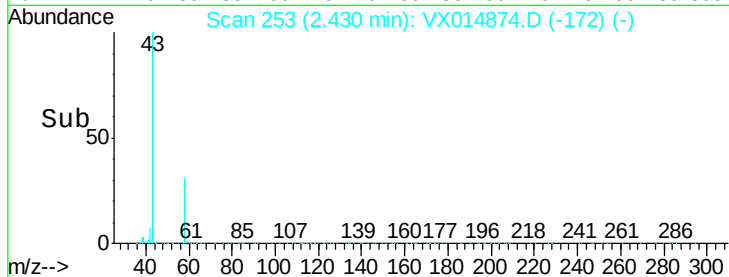
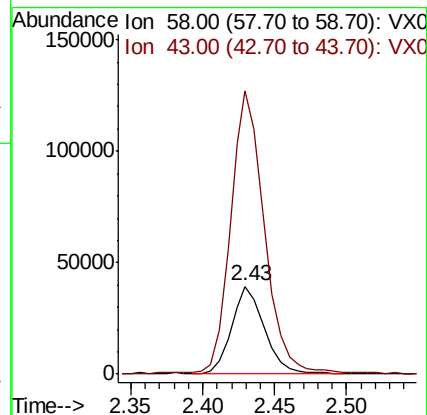
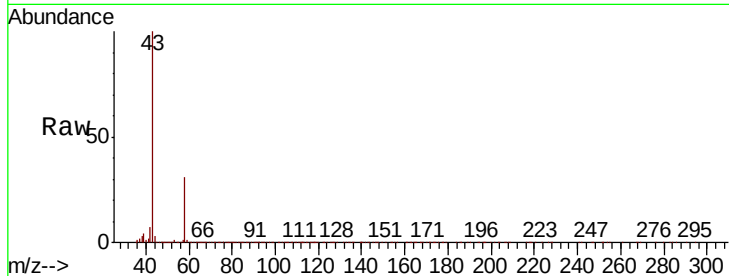
43 322.8 236.3 354.5

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.992 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014874.D

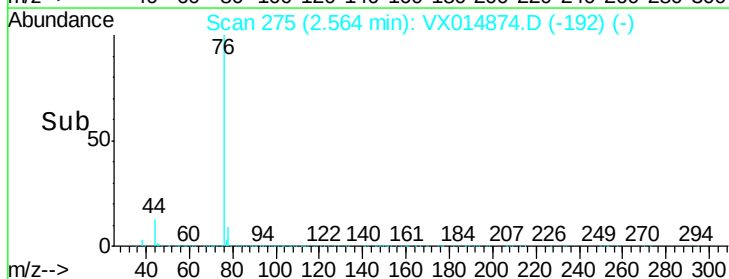
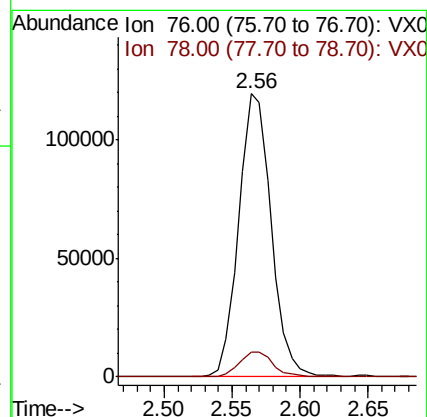
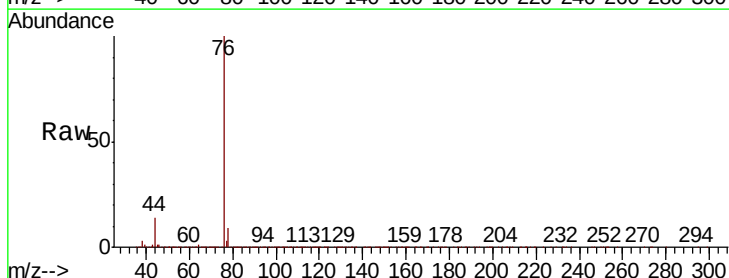
Acq: 07 Feb 2020 16:25

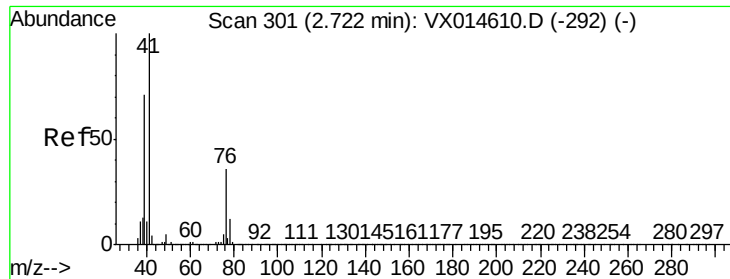
Tgt Ion: 76 Resp: 199212

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.8





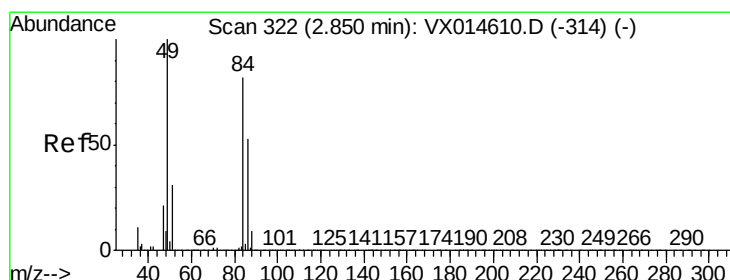
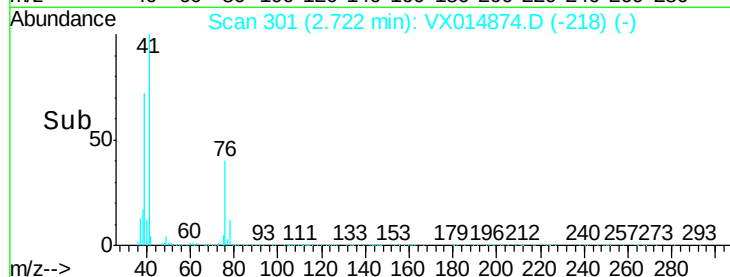
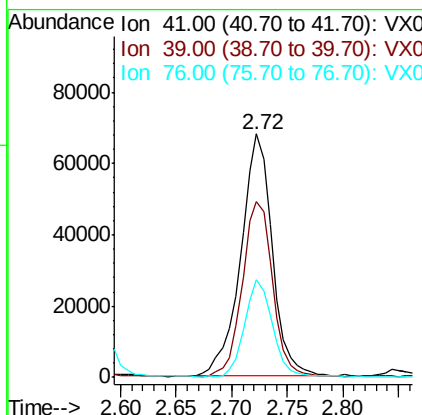
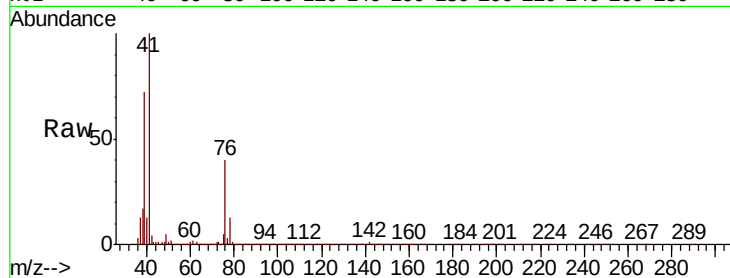
#17
Allvl chloride
Concen: 18.945 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.2	33.4	100.2
76	39.6	17.0	50.9

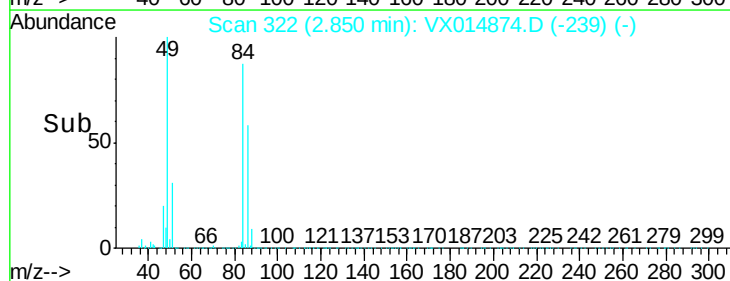
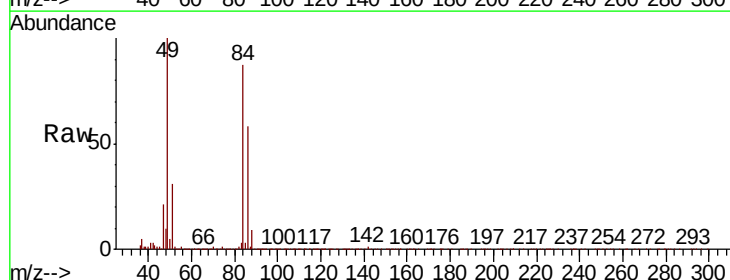
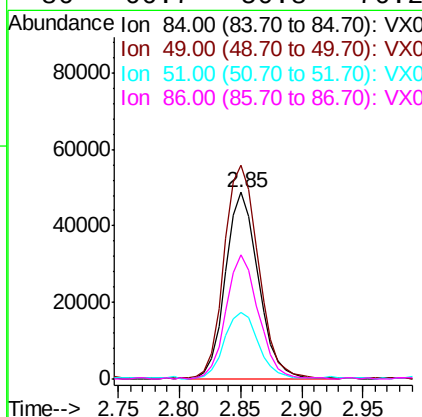
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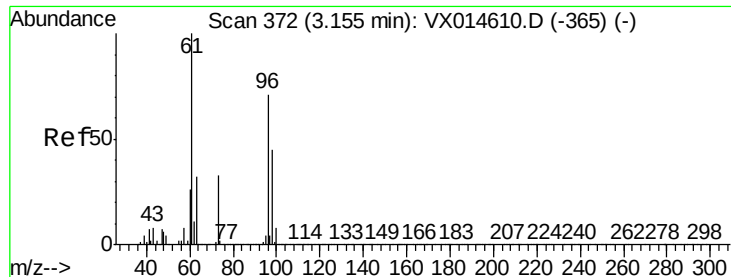
MMDadoda
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#18
Methylene Chloride
Concen: 20.240 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.4	102.2	153.2
51	35.7	31.4	47.0
86	66.7	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 20.633 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

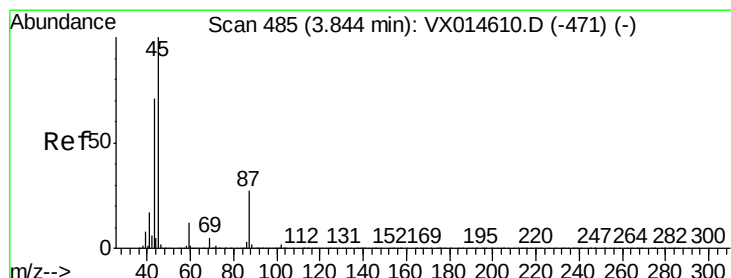
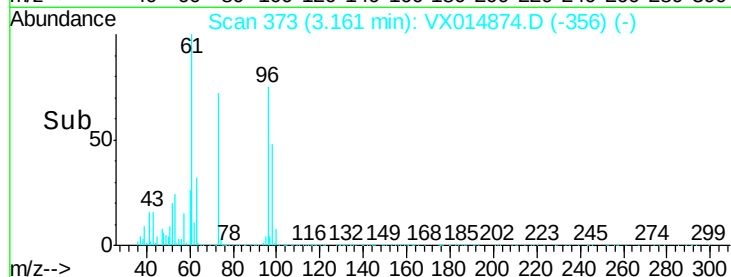
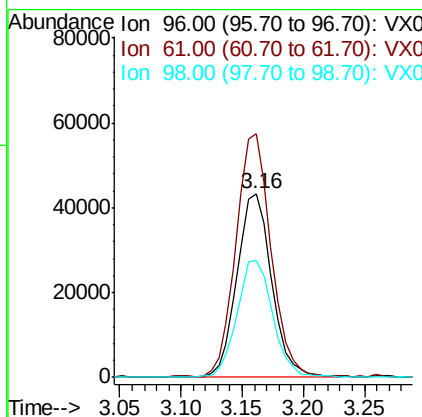
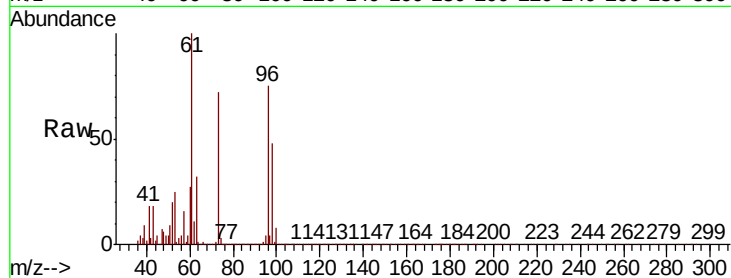
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	84829
Ion Ratio	Lower	Upper	
96	100		
61	132.2	106.6	159.8
98	63.3	51.6	77.4

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#20

Diisopropyl ether

Concen: 20.416 ug/l

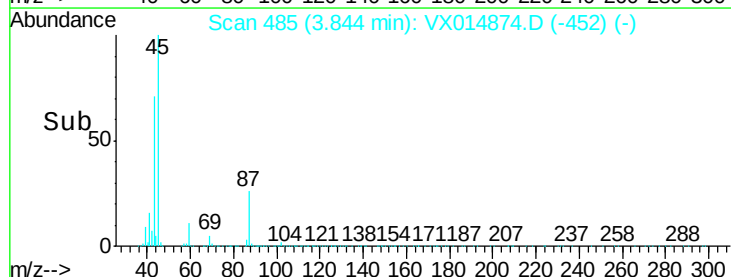
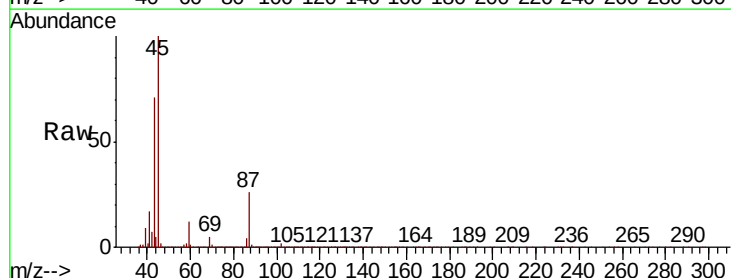
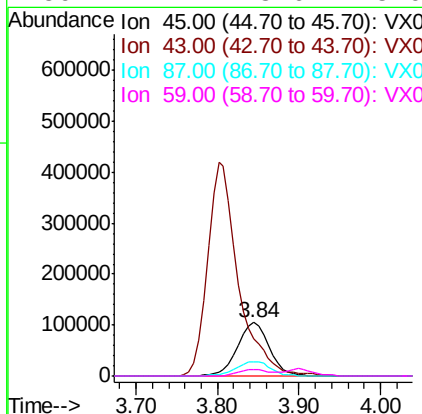
RT: 3.84 min Scan# 485

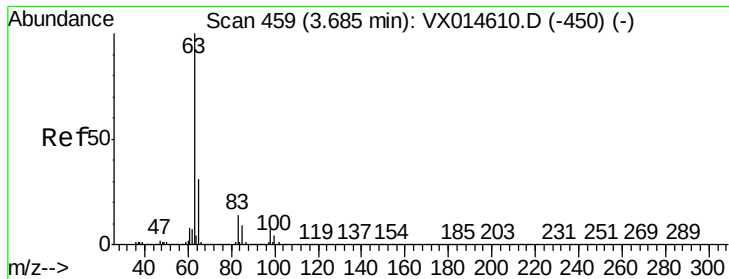
Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Tgt Ion:	45	Resp:	285511
Ion Ratio	Lower	Upper	
45	100		
43	70.0	55.9	83.9
87	26.2	22.2	33.2
59	11.4	8.6	13.0





#21

1,1-Dichloroethane

Concen: 19.762 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

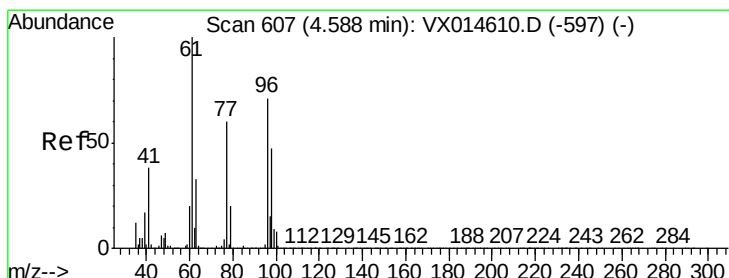
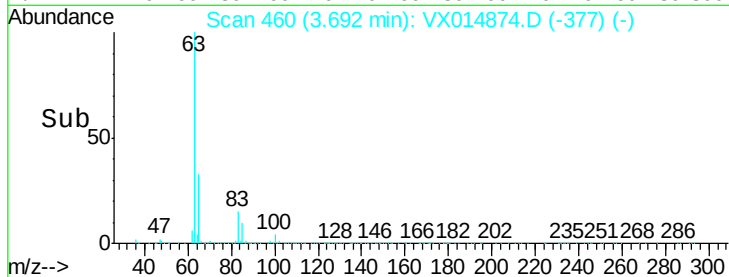
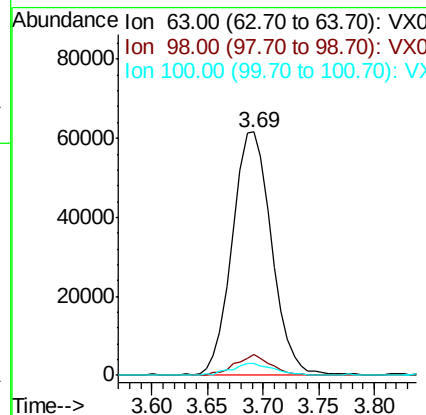
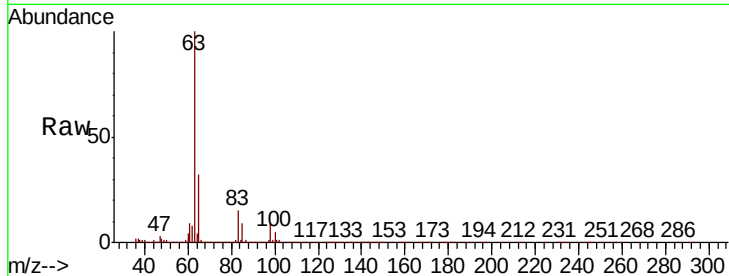
ClientSampleId :

VSTDCCC020EC

Tot Ion	63	Resp	150131
Ion Ratio	Lower	Upper	
63	100		
98	8.4	3.4	10.1
100	4.7	2.5	7.4

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 20.901 ug/l

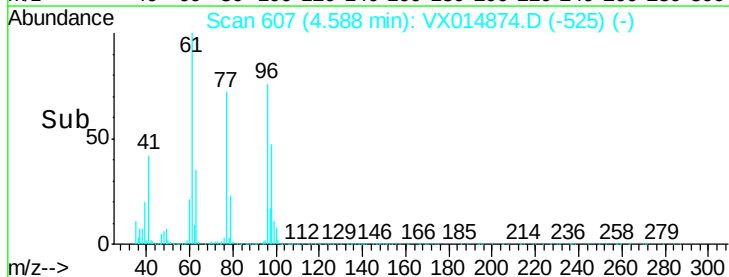
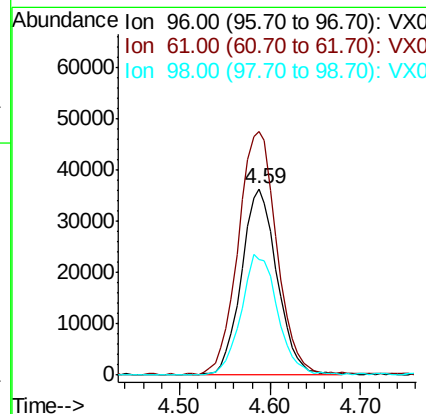
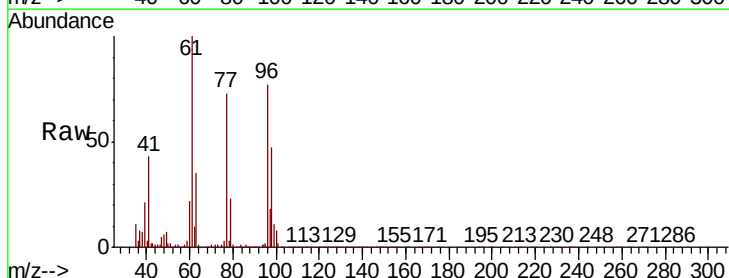
RT: 4.59 min Scan# 607

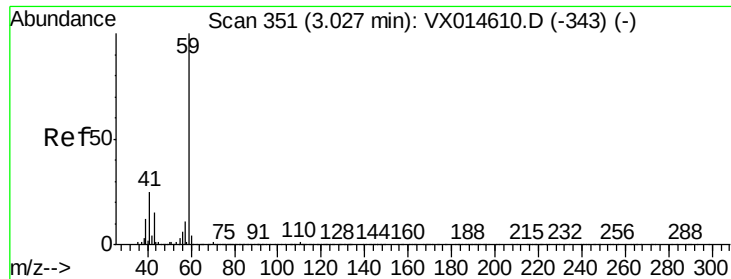
Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Tgt Ion	96	Resp	98748
Ion Ratio	Lower	Upper	
96	100		
61	140.2	112.4	168.6
98	64.6	50.3	75.5





#23

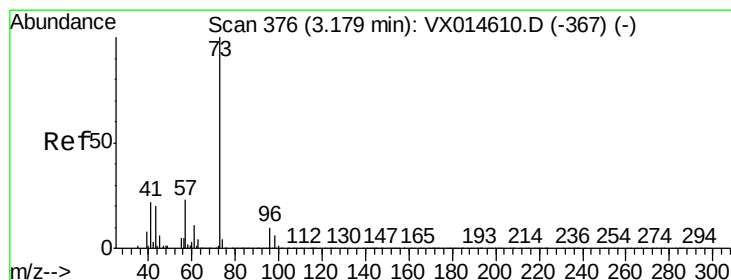
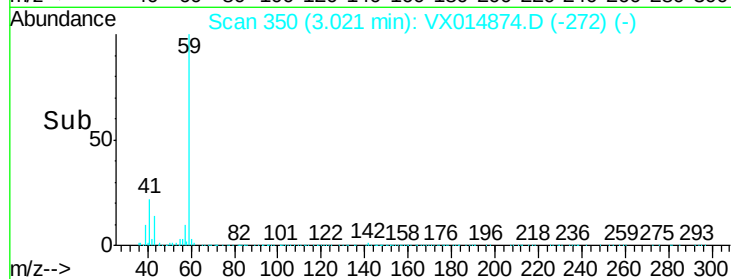
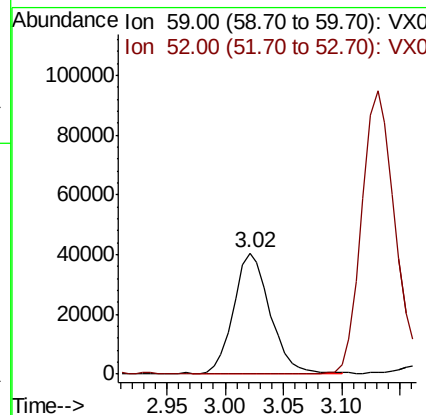
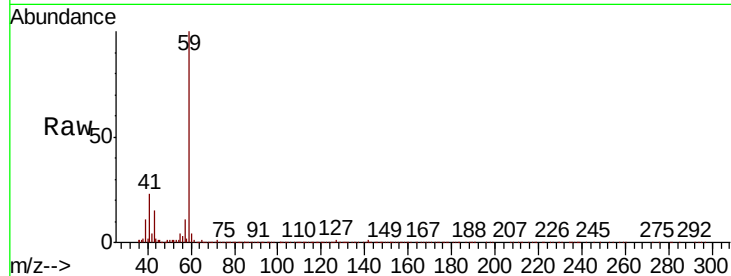
tert-Butyl Alcohol
 Concen: 91.363 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.2	0.2#

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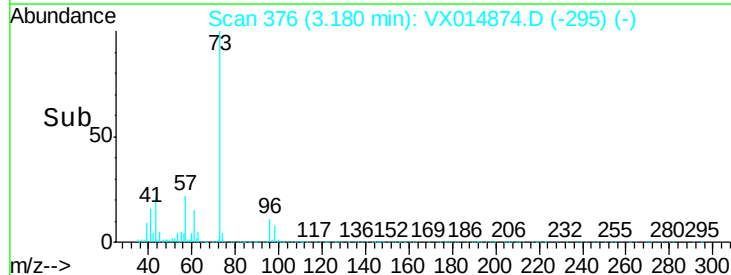
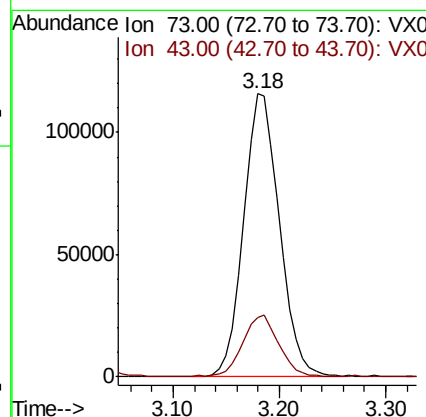
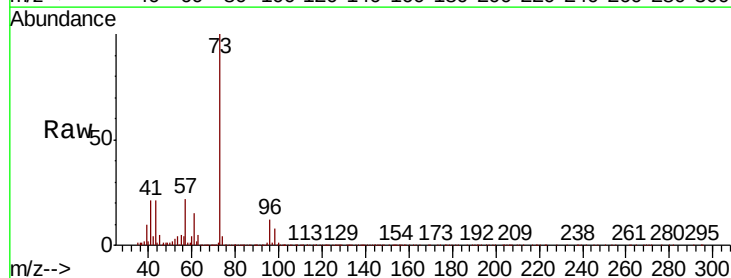
MMDadoda
 2/10/2020 10:49:46 AM

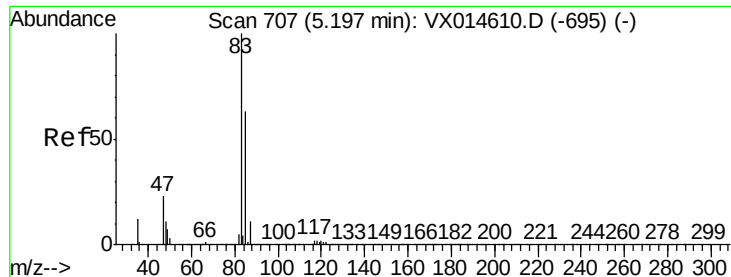


#24

Methyl tert-Butyl Ether
 Concen: 21.561 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.4	16.6	25.0





#25

Chloroform

Concen: 21.203 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 156038

Ion Ratio Lower Upper

83 100

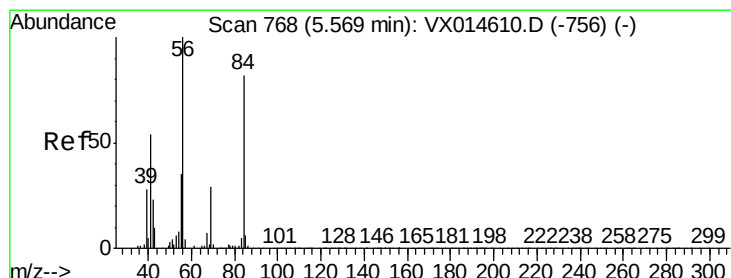
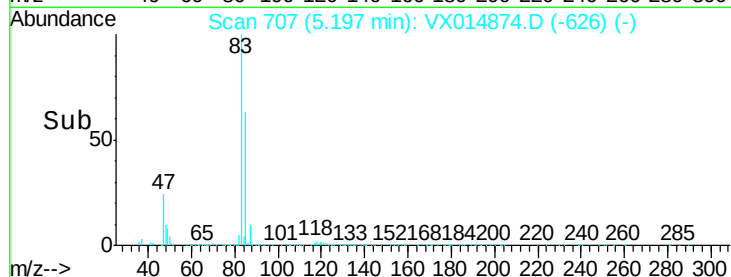
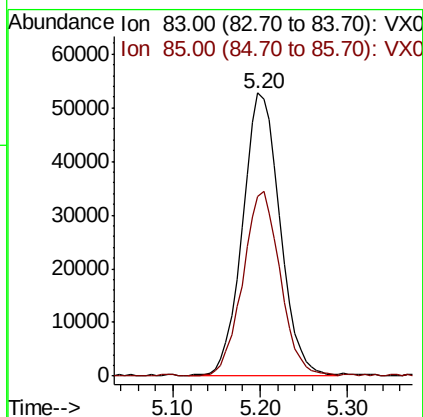
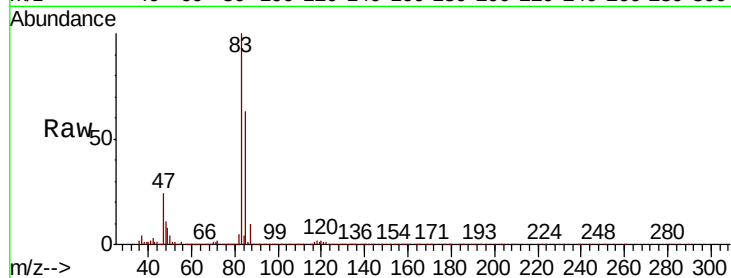
85 63.3 52.7 79.1

Manual Integrations

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#26

Cyclohexane

Concen: 19.492 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

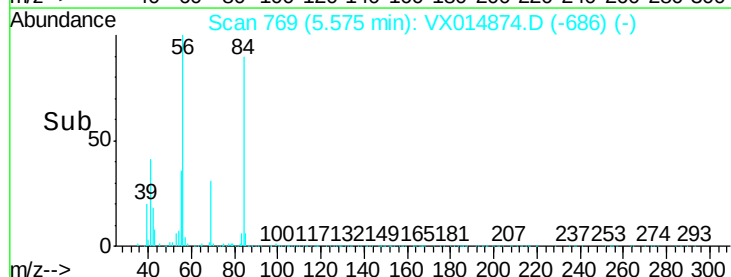
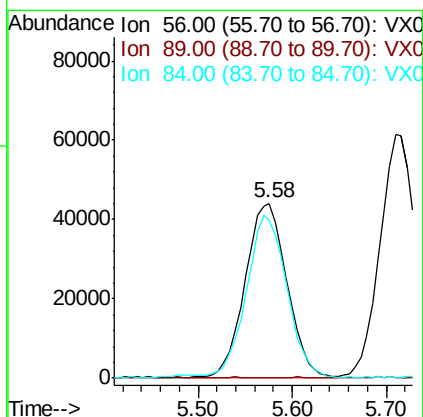
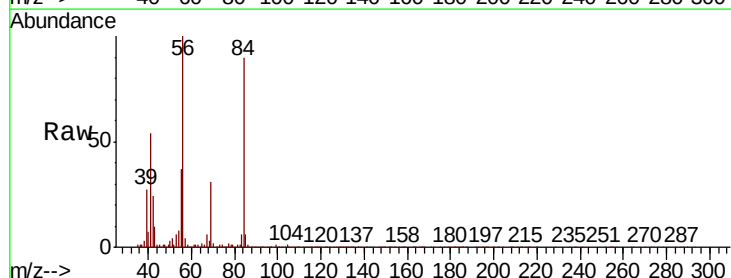
Tgt Ion: 56 Resp: 136591

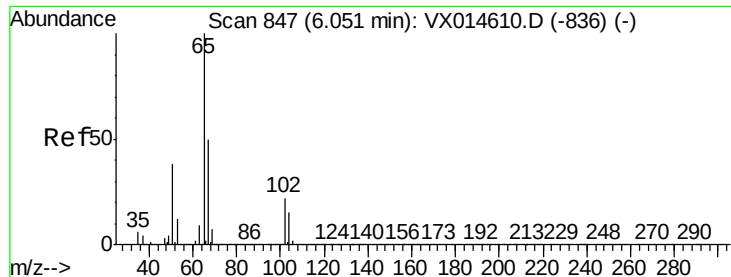
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1

84 89.8 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 30.765 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 149187

Ion Ratio Lower Upper

65 100

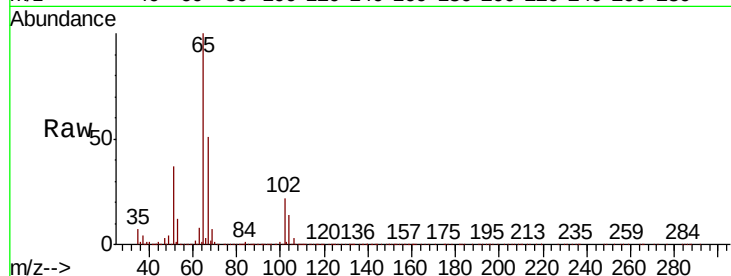
67 52.0 43.1 64.7

Manual Integrations

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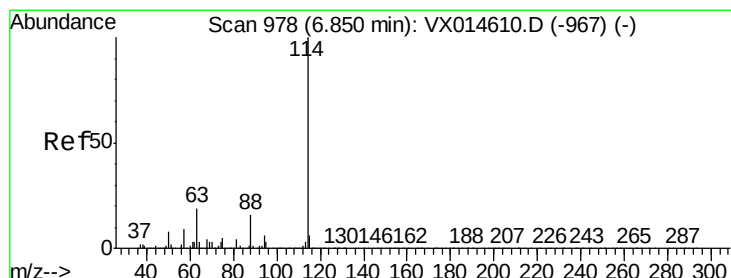
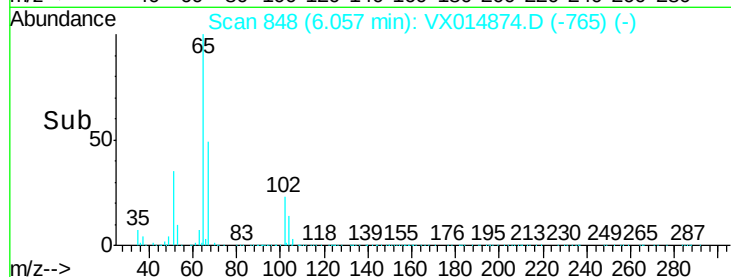
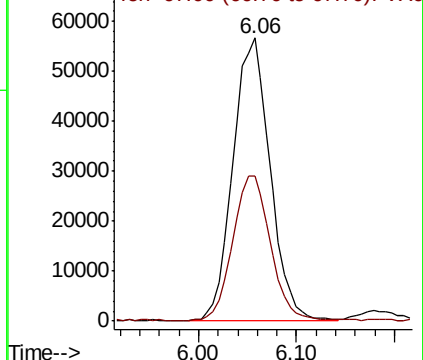
MMDadoda

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

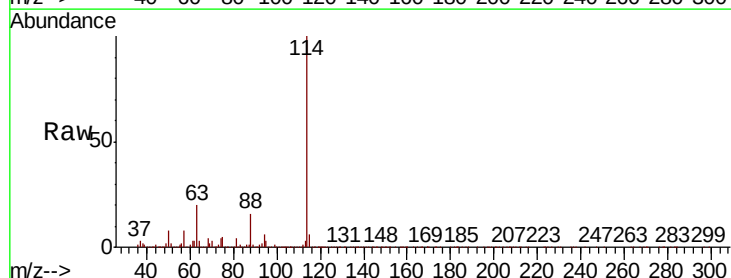
Tgt Ion: 114 Resp: 388739

Ion Ratio Lower Upper

114 100

63 19.7 16.1 24.1

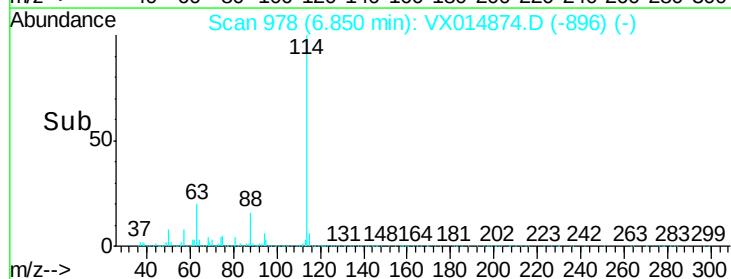
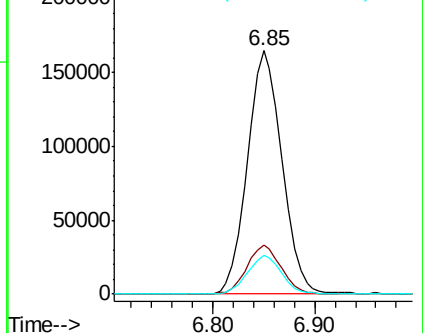
88 15.5 12.5 18.7

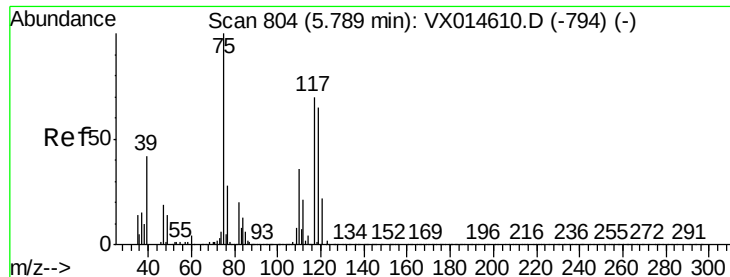


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





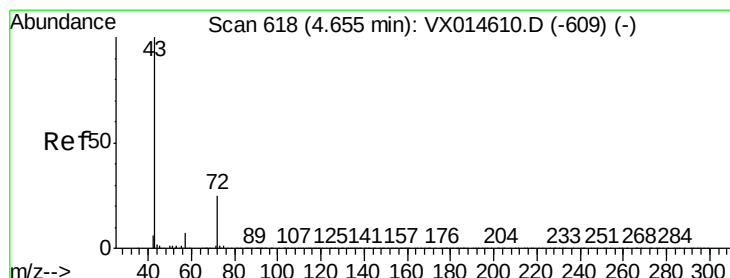
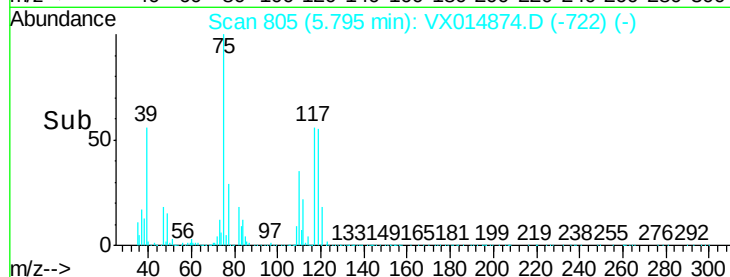
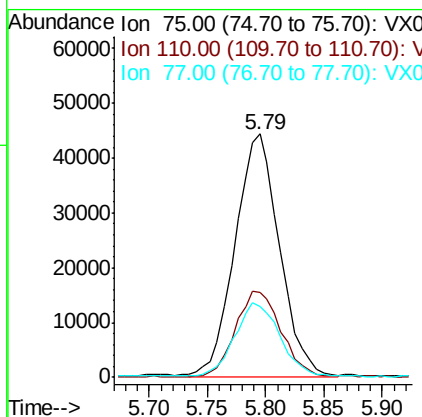
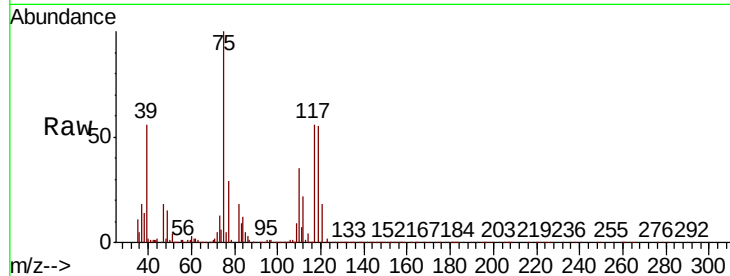
#29
 1,1-Dichloropropene
 Concen: 20.767 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.5	0.0	73.8
77	29.8	0.0	62.4

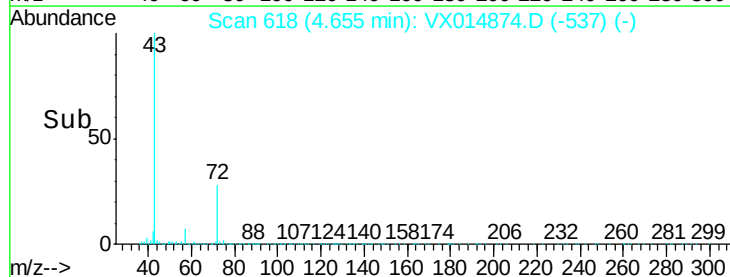
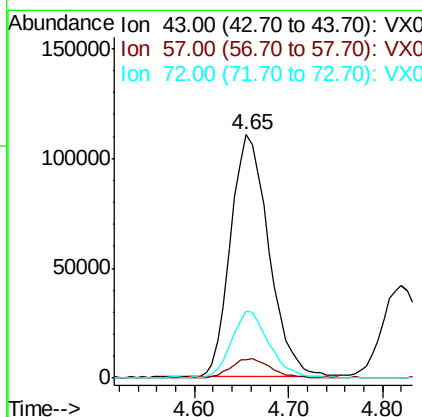
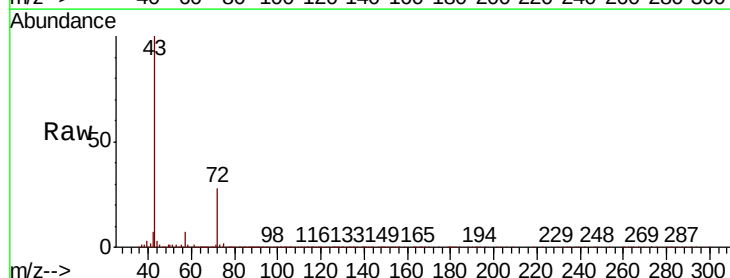
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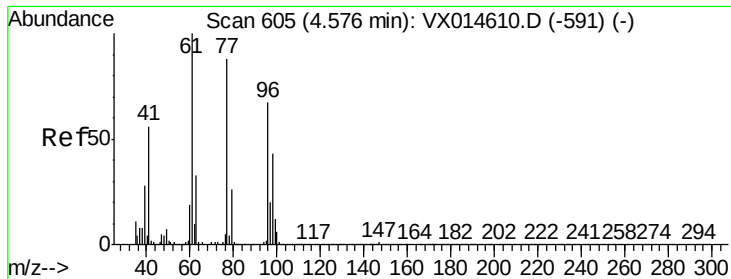
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#30
 2-Butanone
 Concen: 86.882 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.2	9.2
72	26.0	20.3	30.5





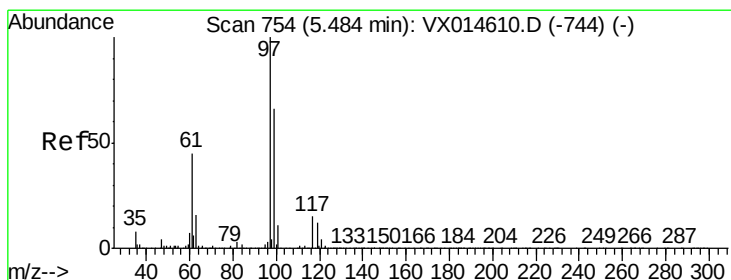
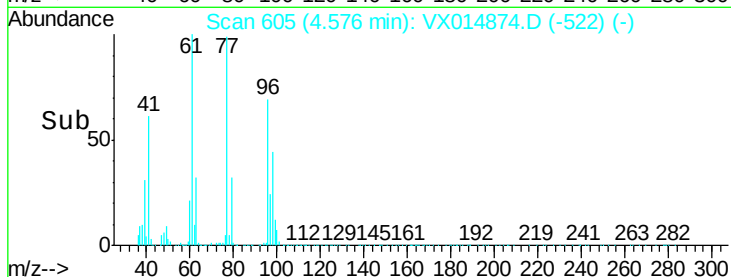
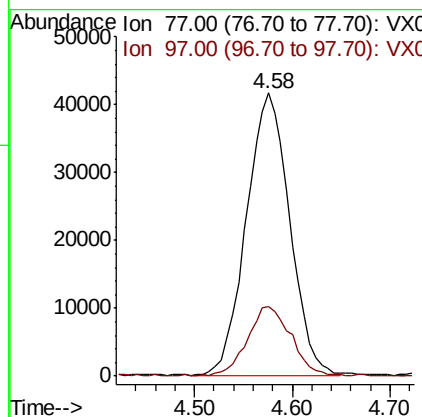
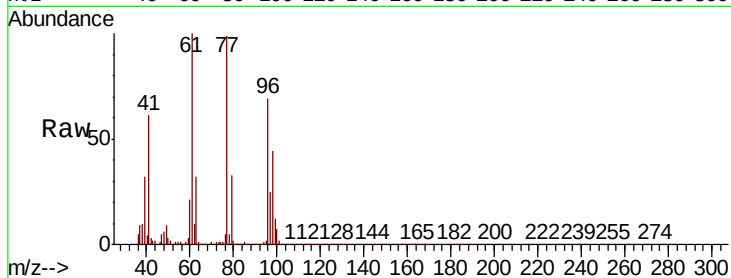
#31
 2,2-Dichloropropane
 Concen: 20.920 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
77	100		
97	24.2	19.7	29.5

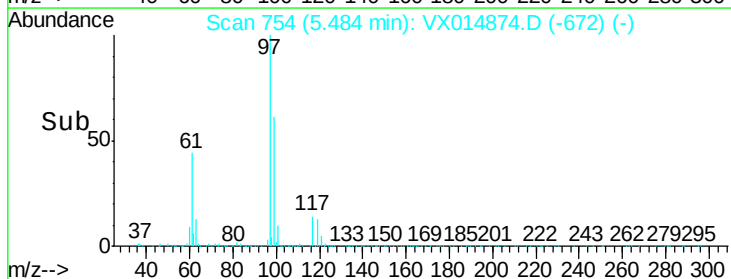
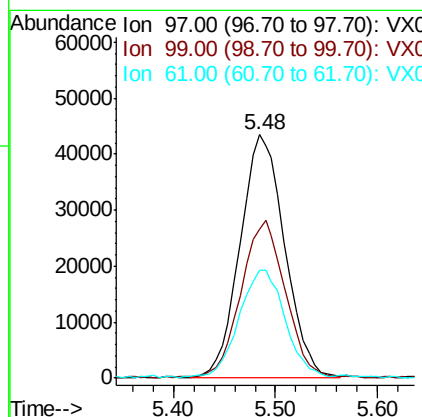
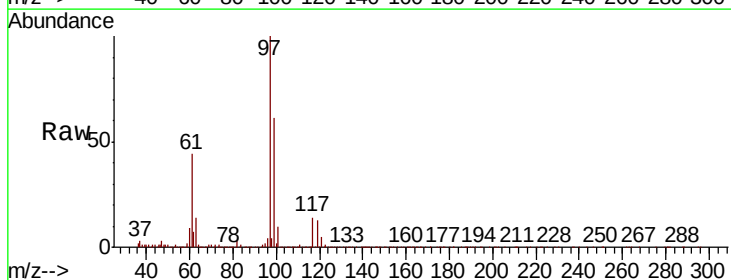
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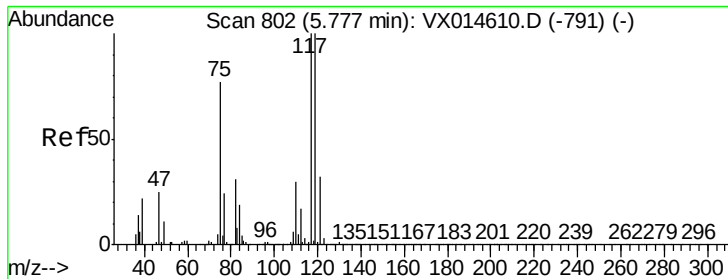
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#32
 1,1,1-Trichloroethane
 Concen: 20.825 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.9	77.9
61	45.6	36.8	55.2





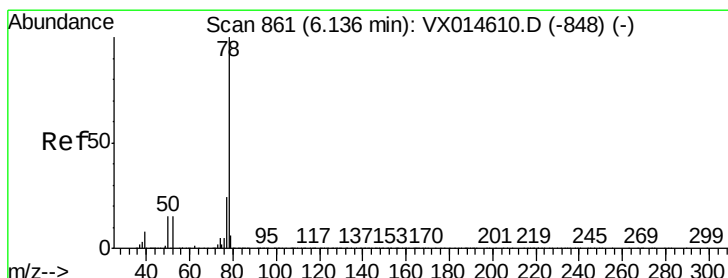
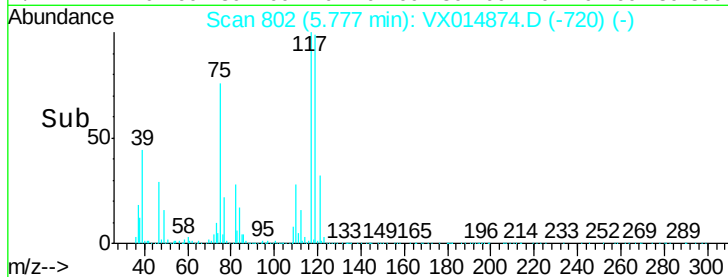
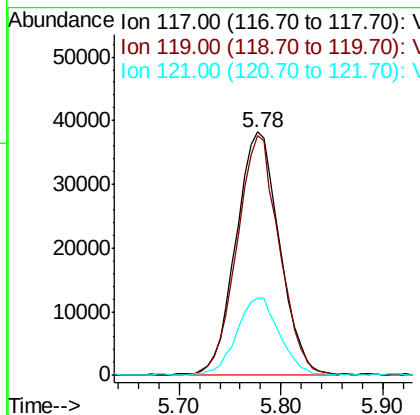
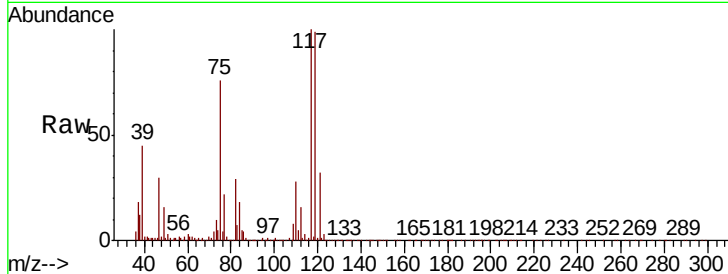
#33
Carbon Tetrachloride
Concen: 20.856 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.2	115.8
121	31.7	24.8	37.2

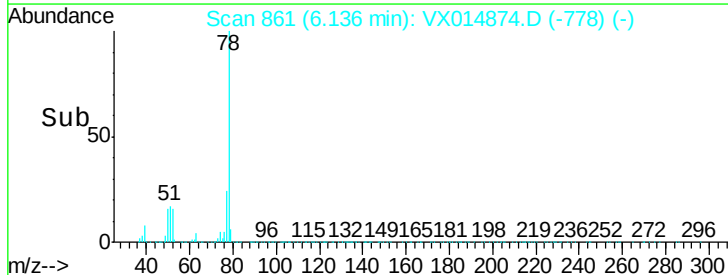
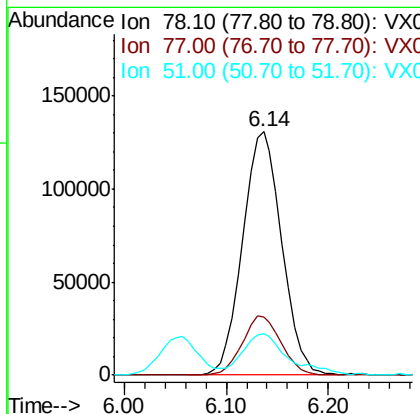
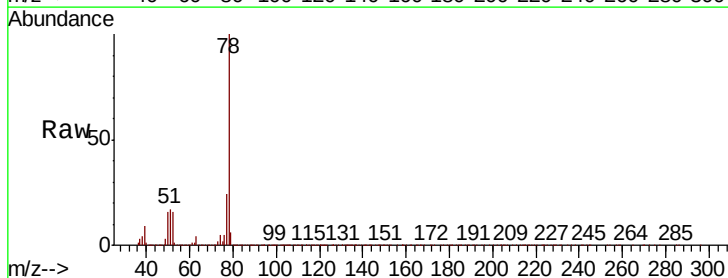
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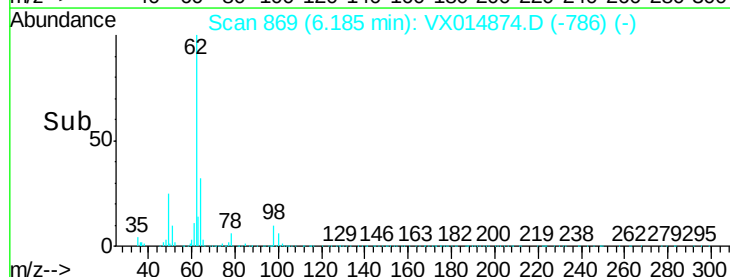
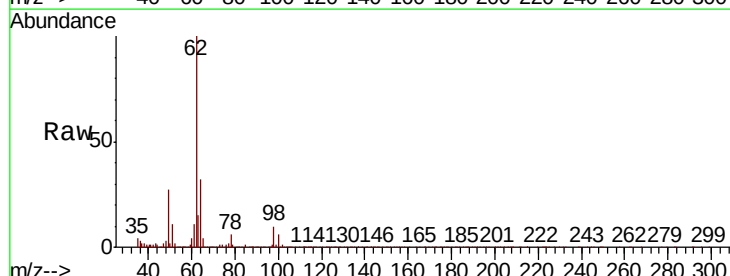
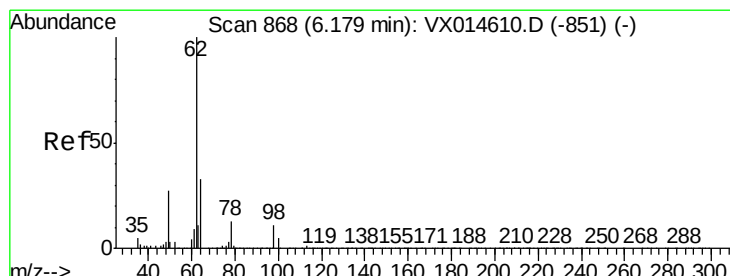
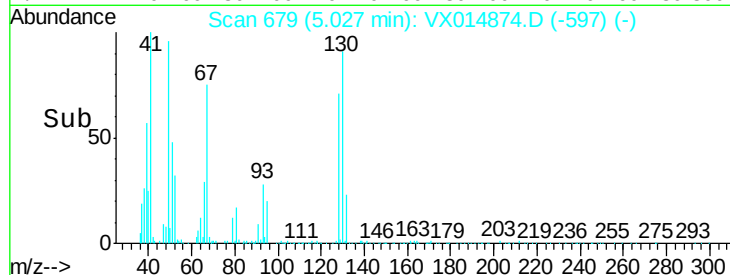
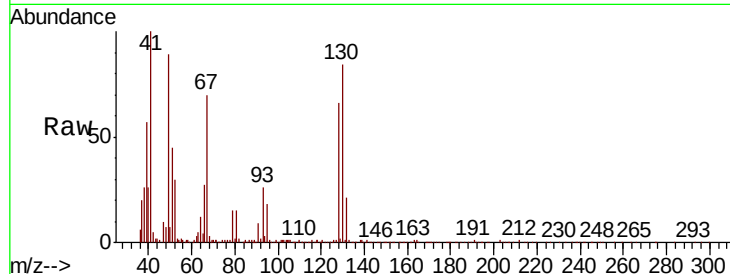
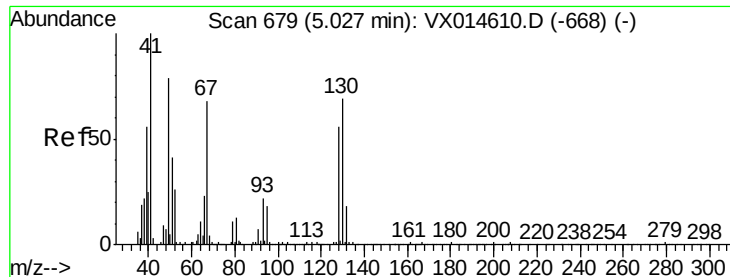
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#34
Benzene
Concen: 19.759 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

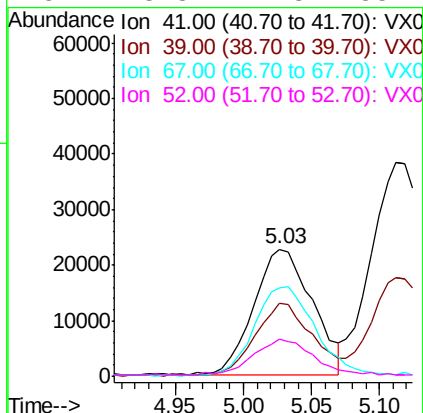
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.2	27.2
51	15.8	12.4	18.6





#35
Methacrylonitrile
Concen: 19.017 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		68593		
39	56.5	26.7	80.1		
67	69.0	31.5	94.5		
52	28.8	12.8	38.4		



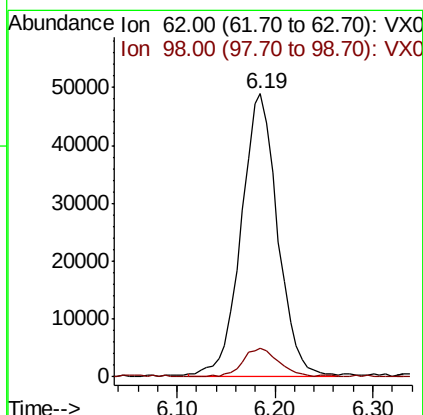
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

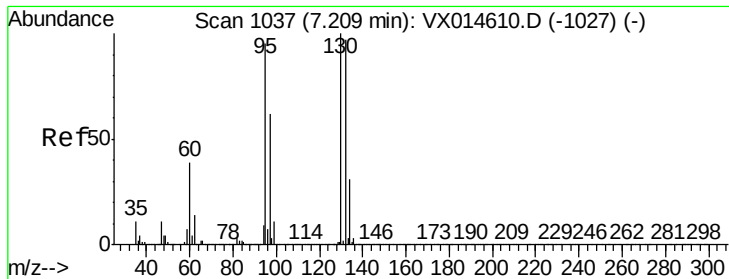
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#36
1,2-Dichloroethane
Concen: 20.565 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		126080		
98	9.5	8.4	12.6		





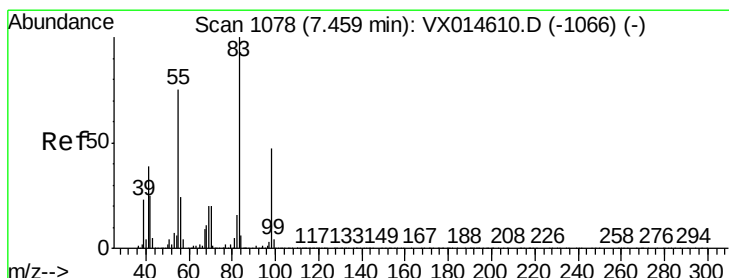
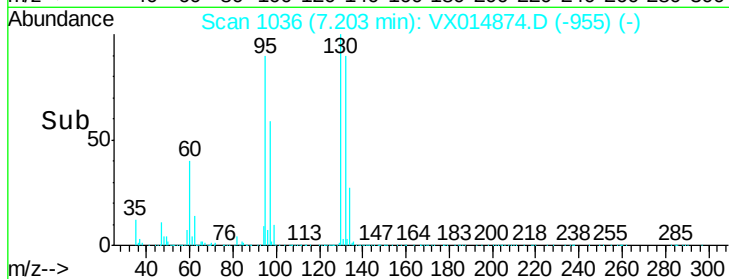
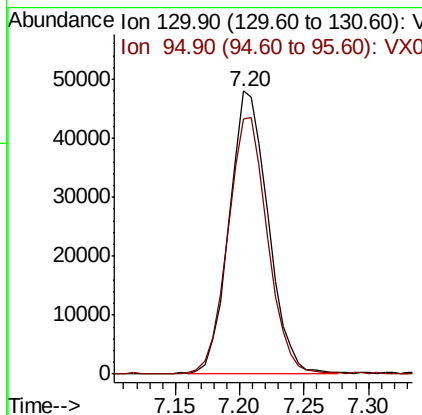
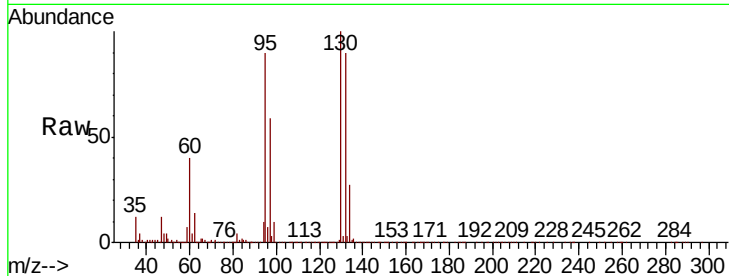
#37
 Trichloroethene
 Concen: 20.934 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 100977
 Ion Ratio Lower Upper
 130 100
 95 90.0 71.7 107.5

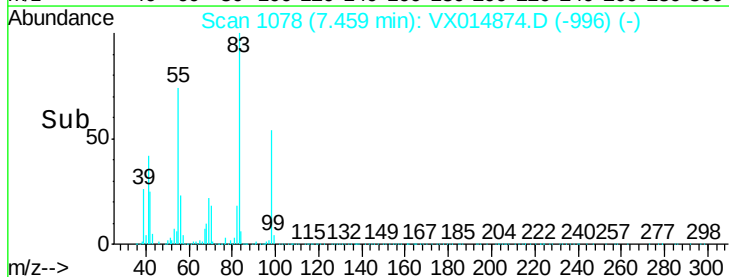
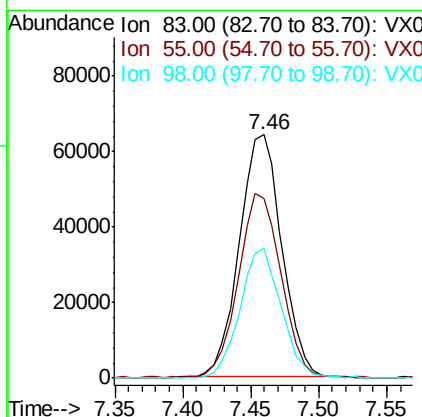
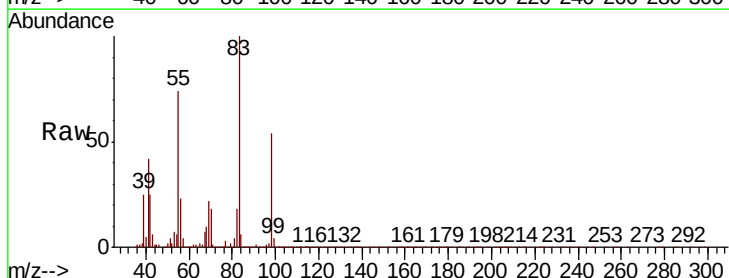
Manual Integrations
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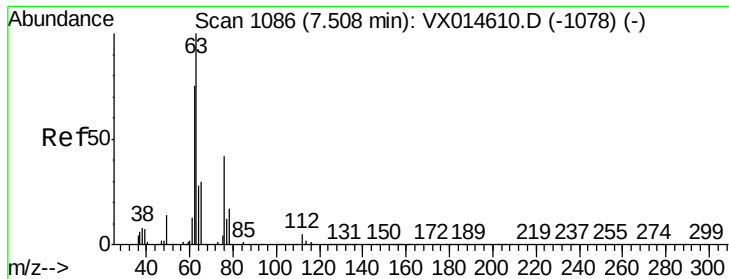
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#38
 Methylcyclohexane
 Concen: 19.769 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion: 83 Resp: 140331
 Ion Ratio Lower Upper
 83 100
 55 75.9 39.4 118.1
 98 52.2 25.1 75.3





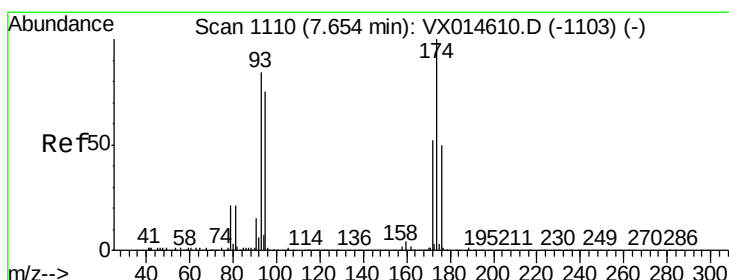
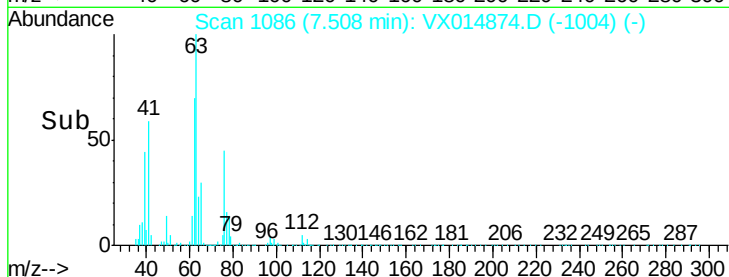
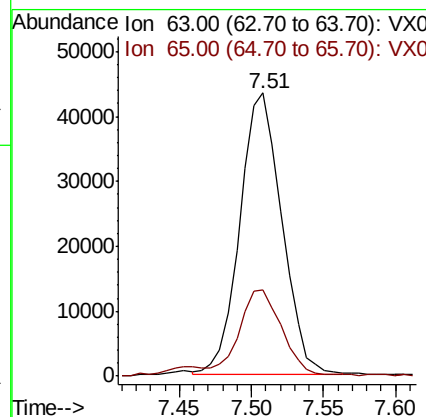
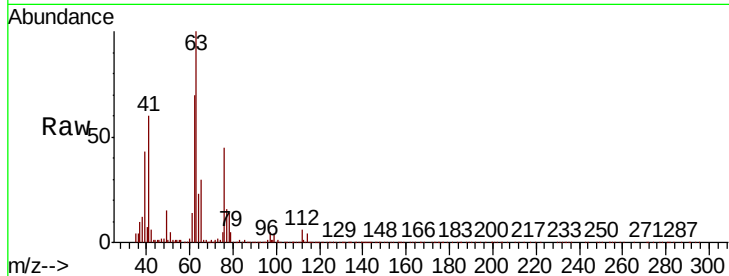
#39
 1,2-Dichloropropane
 Concen: 19.174 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	22.1	33.1

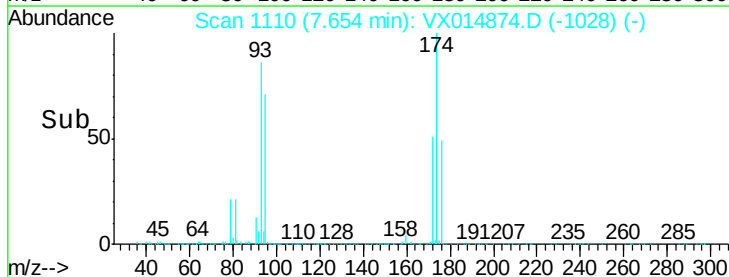
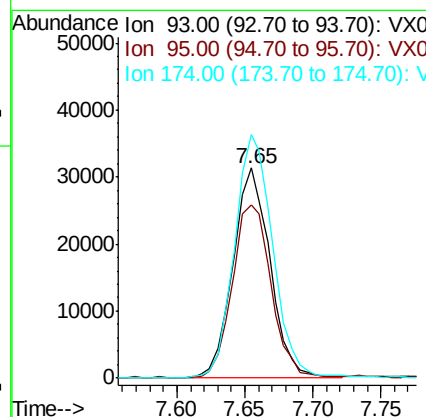
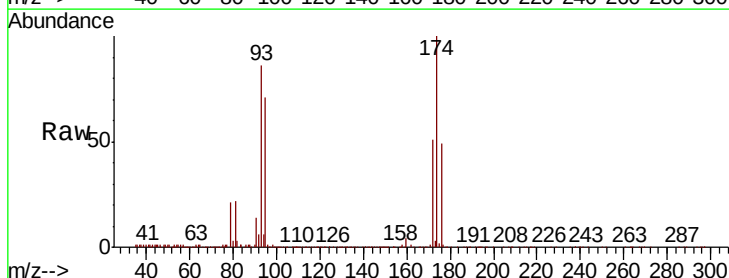
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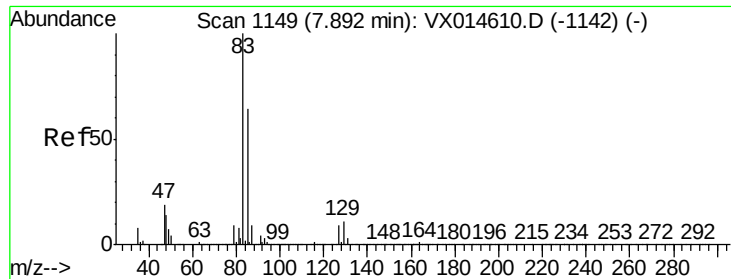
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#40
 Dibromomethane
 Concen: 20.247 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.5	0.0	164.4
174	119.1	0.0	228.8





#41

Bromodichloromethane

Concen: 20.600 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

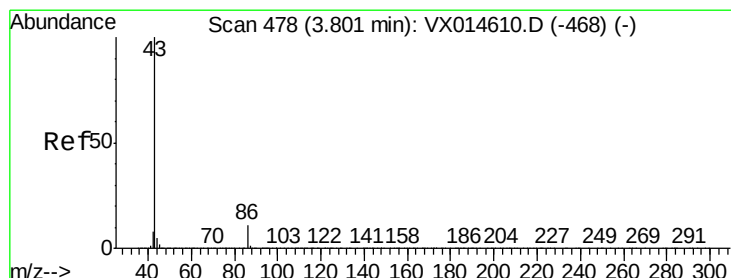
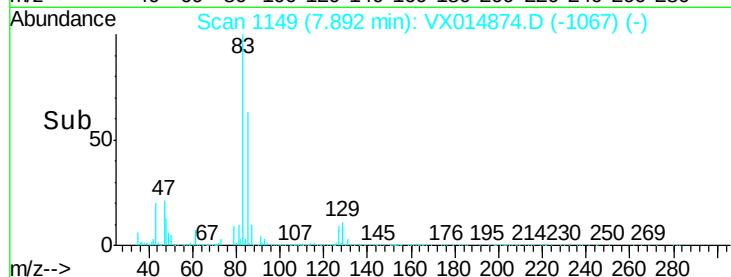
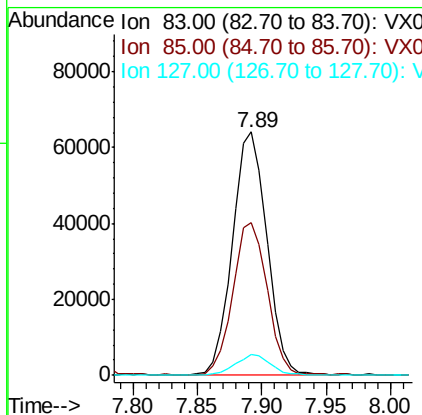
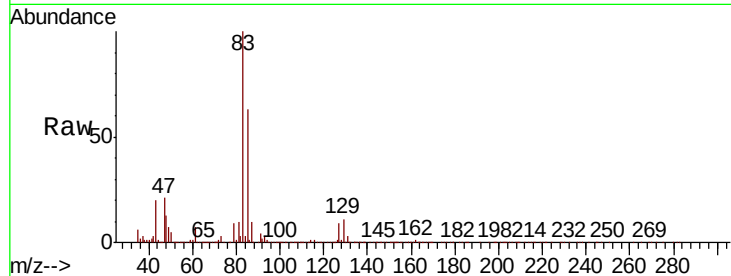
ClientSampleId :

VSTDCCC020EC

Tot Ion	83	Resp	118767
Ion Ratio	Lower	Upper	
83	100		
85	62.6	51.6	77.4
127	8.5	6.0	9.0

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#42

Vinyl Acetate

Concen: 99.239 ug/l

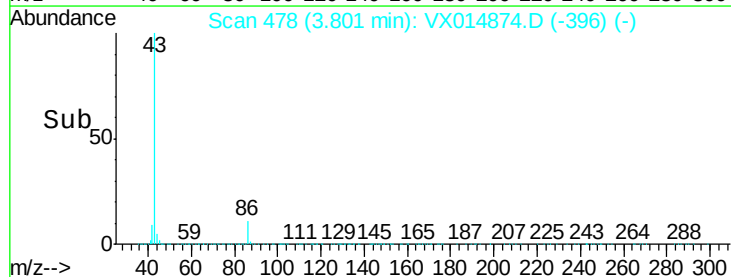
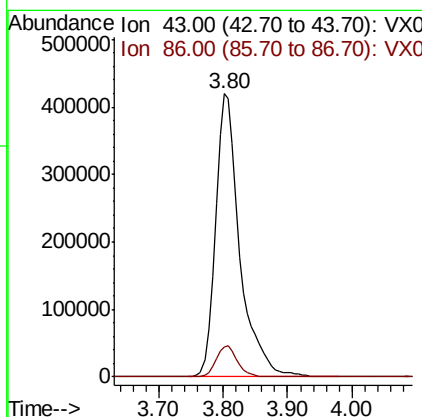
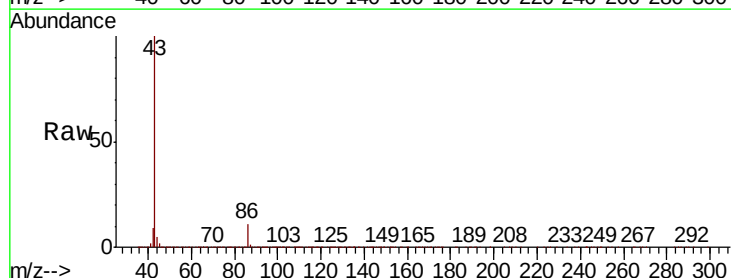
RT: 3.80 min Scan# 478

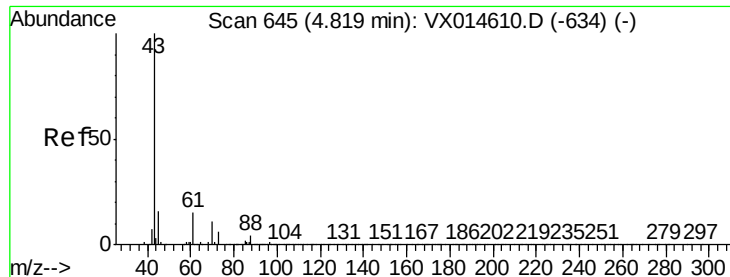
Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Tgt Ion	43	Resp	1104663
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.7	11.5





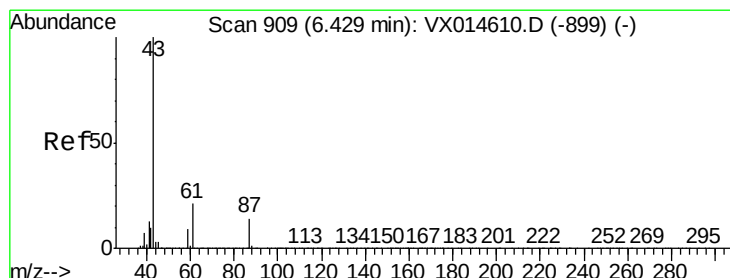
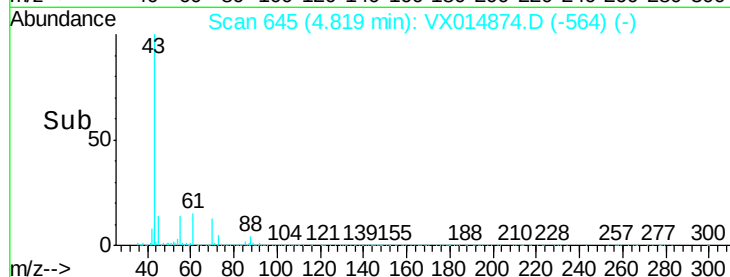
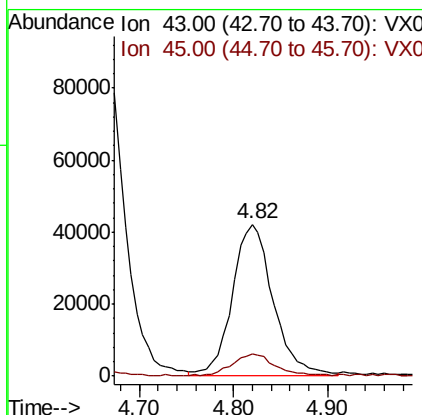
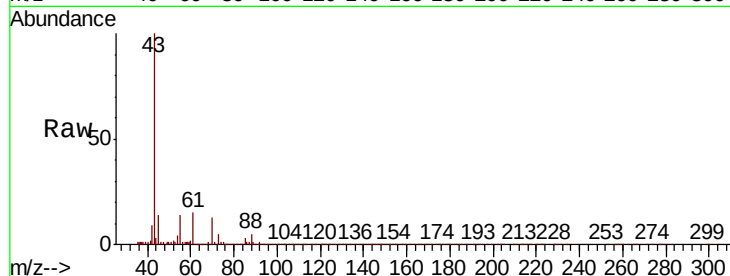
#43
Ethyl Acetate
Concen: 19.285 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	Ratio	Lower	Upper
43	100			
45	14.6	11.8	17.8	

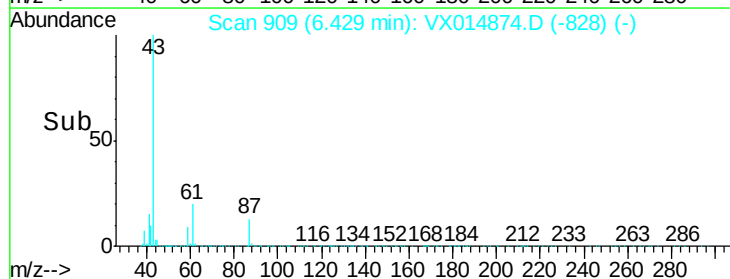
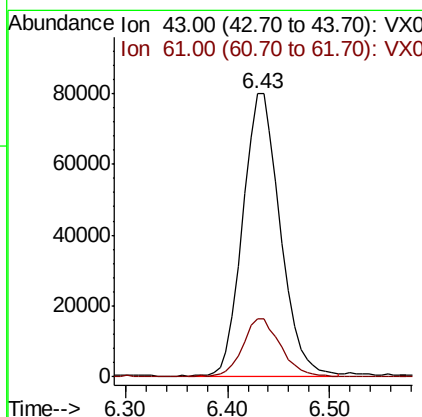
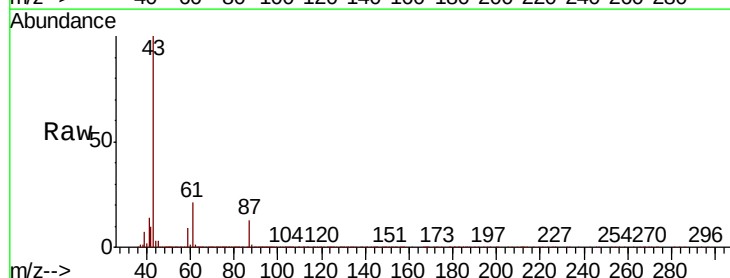
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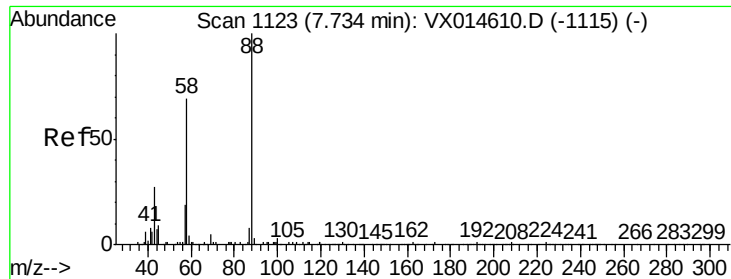
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#44
Isopropyl Acetate
Concen: 19.287 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	43	Ratio	Lower	Upper
43	100			
61	20.3	15.9	23.9	





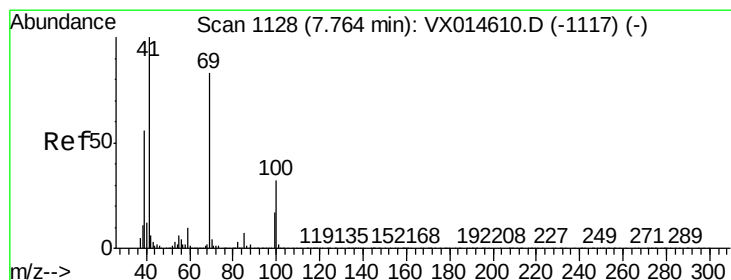
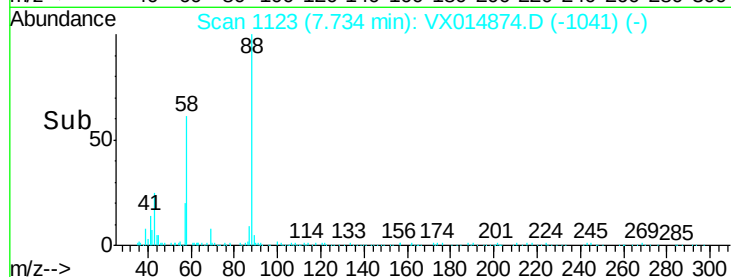
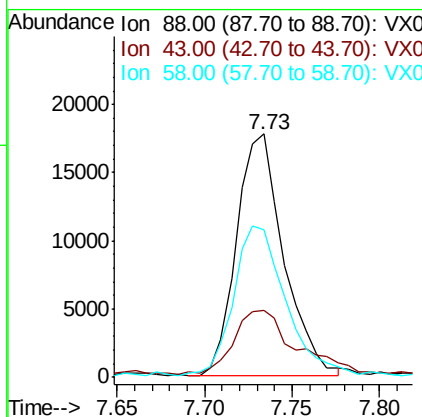
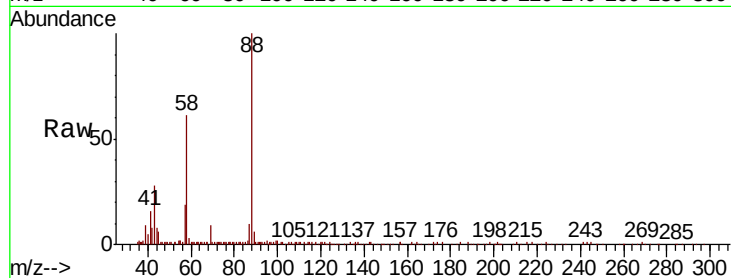
#45
1,4-Dioxane
Concen: 316.073 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	88	Resp	33345
Ion	Ratio	Lower	Upper
88	100		
43	33.5	25.4	38.2
58	67.4	56.5	84.7

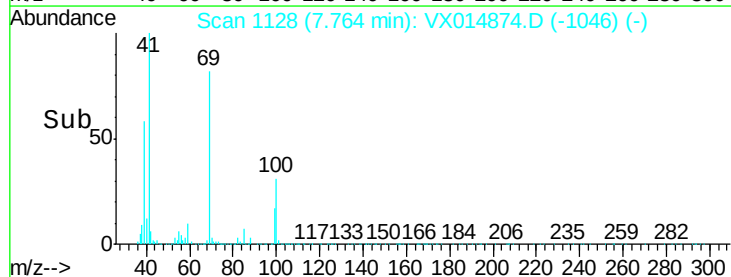
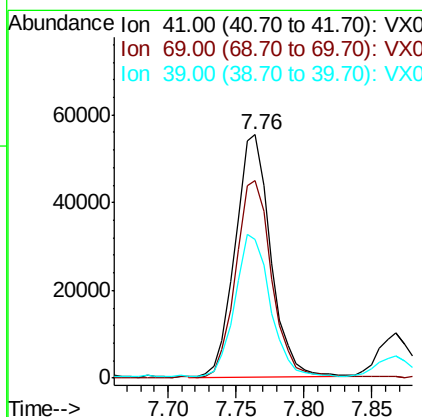
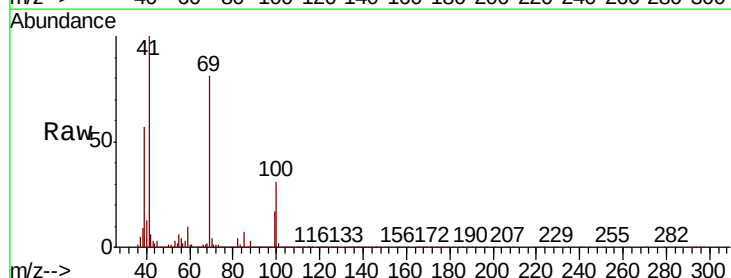
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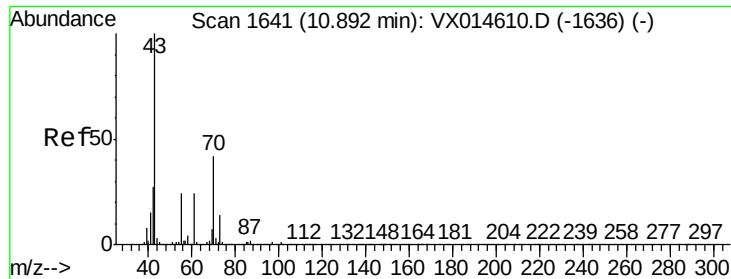
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#46
Methyl methacrylate
Concen: 19.418 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	41	Resp	100711
Ion	Ratio	Lower	Upper
41	100		
69	81.5	40.6	122.0
39	57.0	27.8	83.3





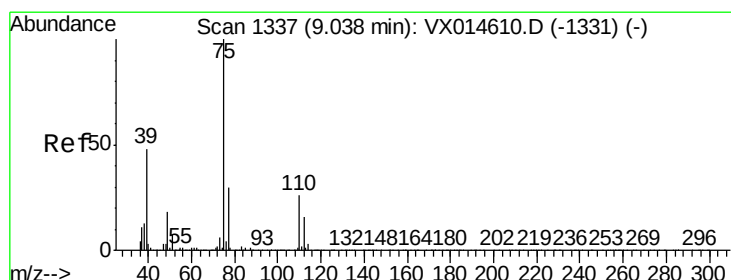
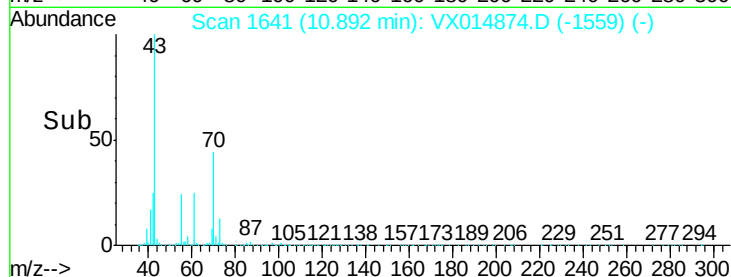
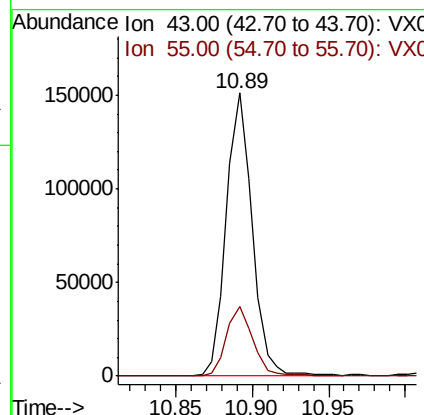
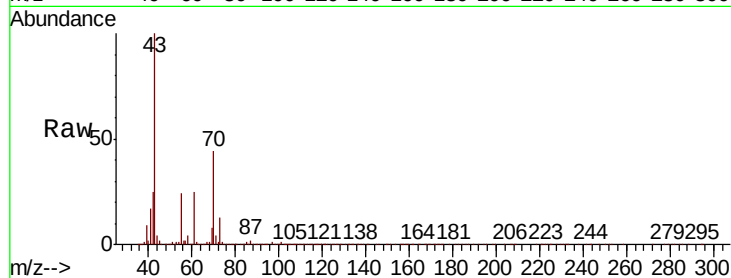
#47
n-amvl Acetate
Concen: 20.119 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	Resp	177793
Ion Ratio	100	Lower	Upper
43	100		
55	24.3	19.4	29.2

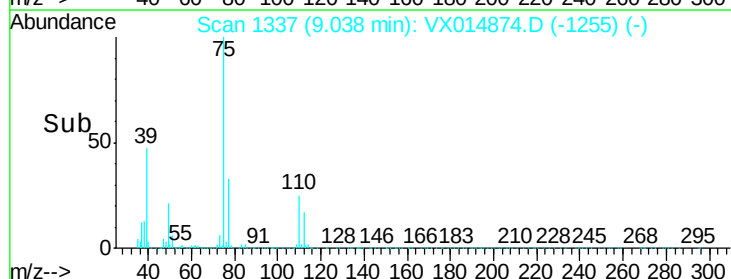
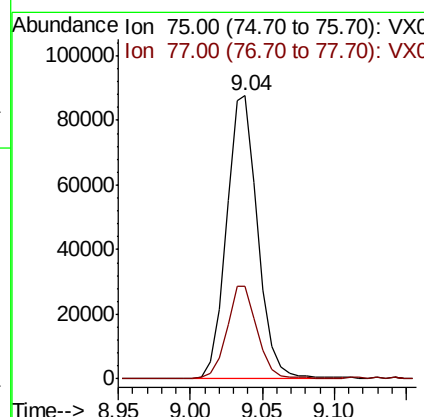
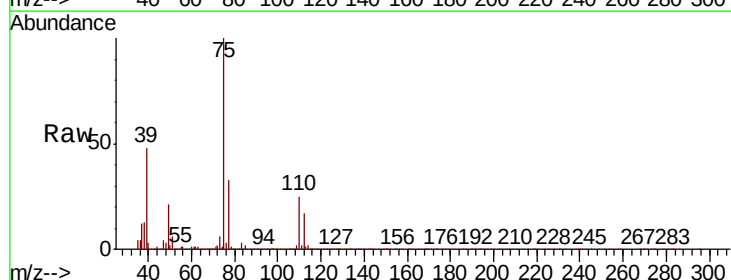
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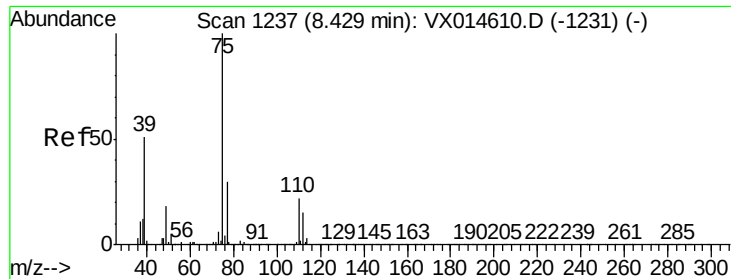
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#48
t-1,3-Dichloropropene
Concen: 21.026 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	75	Resp	132352
Ion Ratio	100	Lower	Upper
75	100		
77	32.7	26.0	39.0





#49

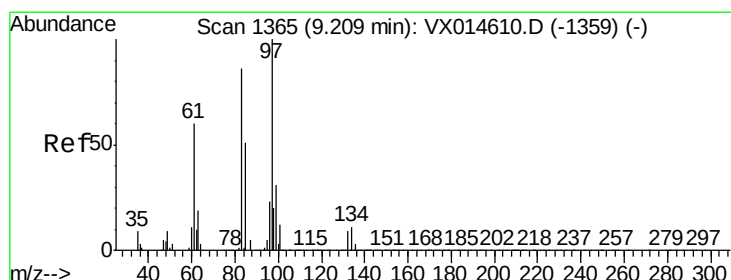
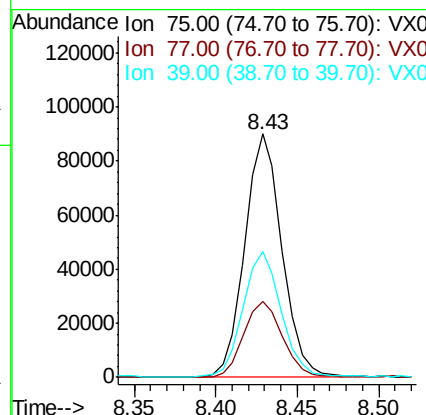
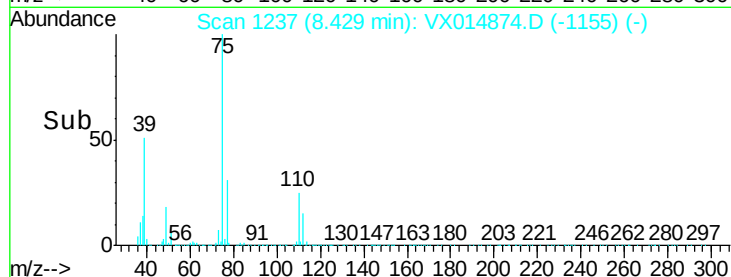
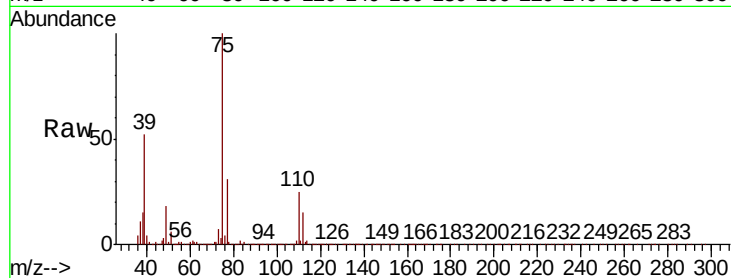
cis-1,3-Dichloropropene
 Concen: 20.044 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.8	37.2
39	51.4	41.1	61.7

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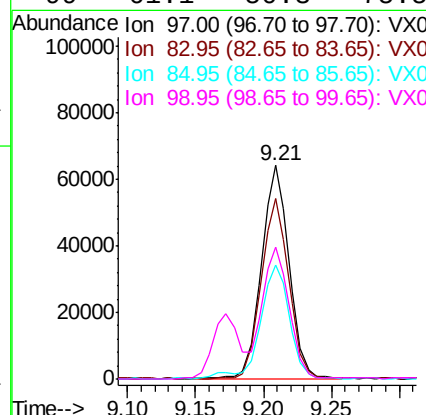
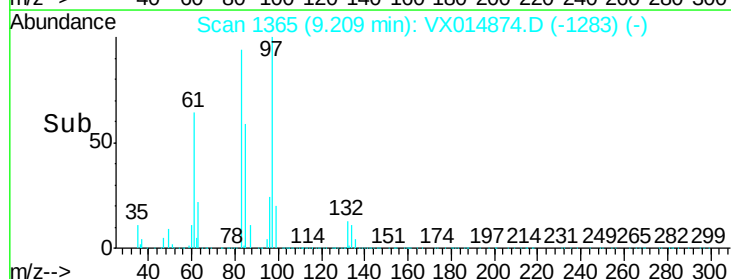
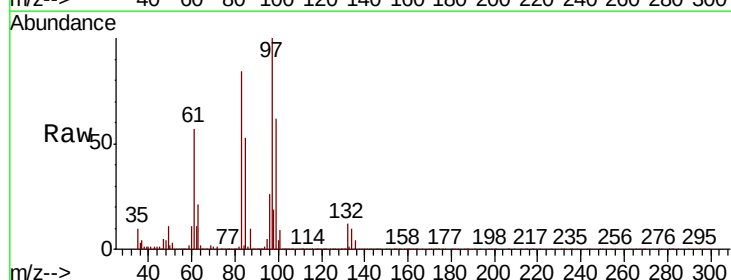
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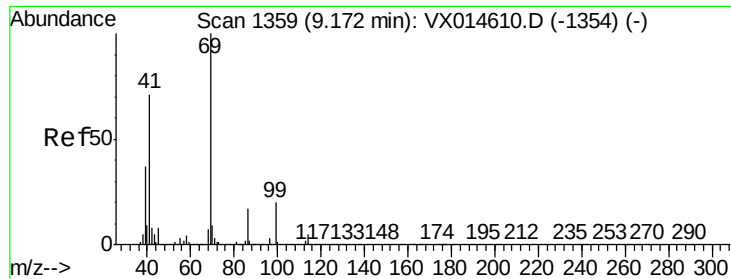


#50

1,1,2-Trichloroethane
 Concen: 20.382 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.1	102.1
85	53.1	42.7	64.1
99	61.1	50.3	75.5





#51

Ethyl methacrylate

Concen: 19.699 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

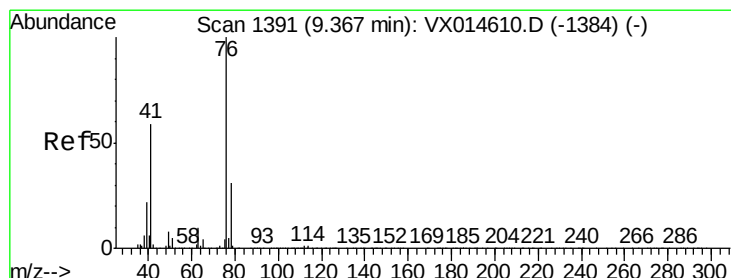
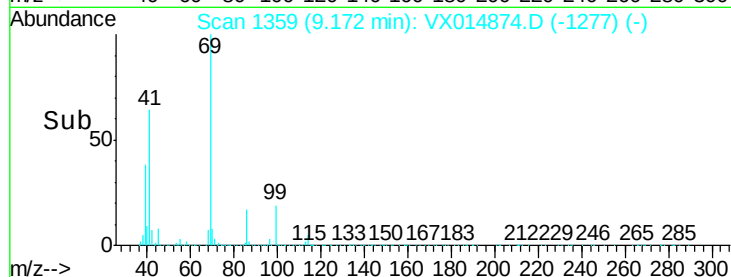
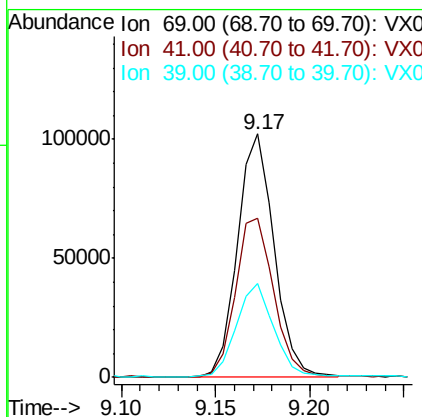
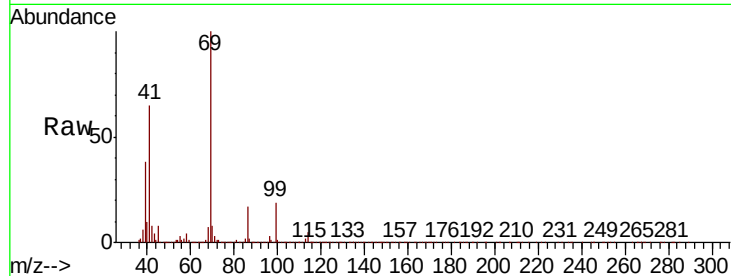
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	137406
Ion Ratio	Lower	Upper	
69	100		
41	64.8	35.4	106.1
39	38.1	17.8	53.3

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#52

1,3-Dichloropropane

Concen: 20.238 ug/l

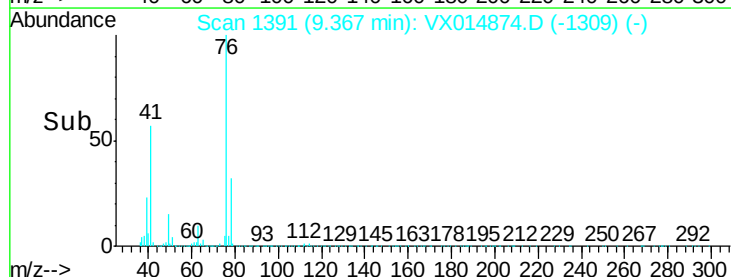
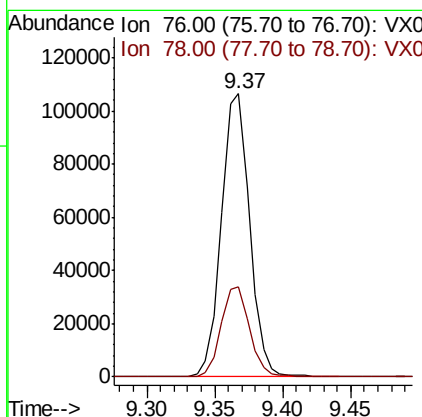
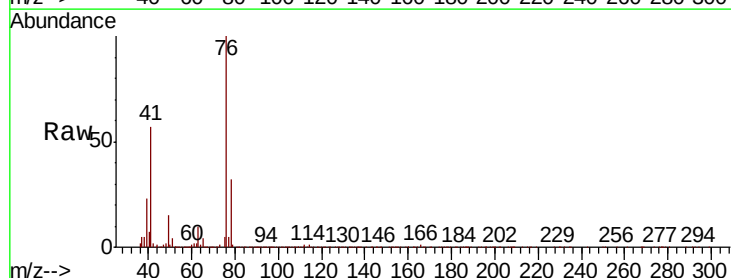
RT: 9.37 min Scan# 1391

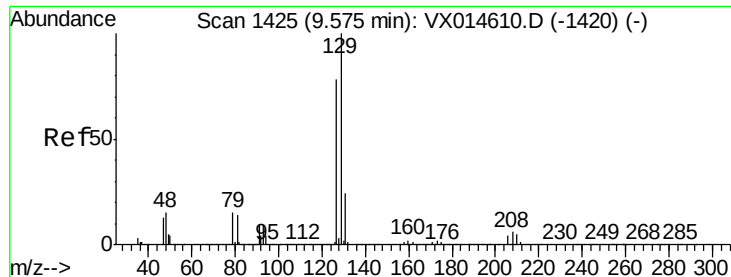
Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Tgt Ion:	76	Resp:	153611
Ion Ratio	Lower	Upper	
76	100		
78	32.0	0.0	63.4





#53

Dibromochloromethane

Concen: 20.949 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 95996

Ion Ratio Lower Upper

129 100

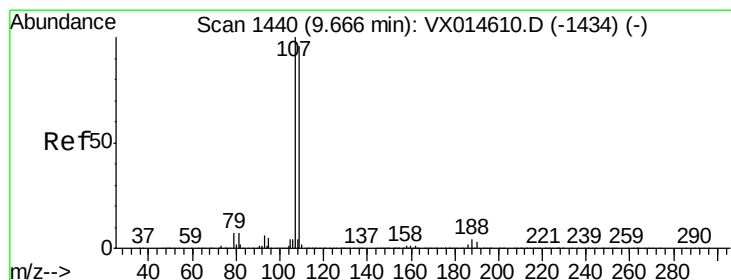
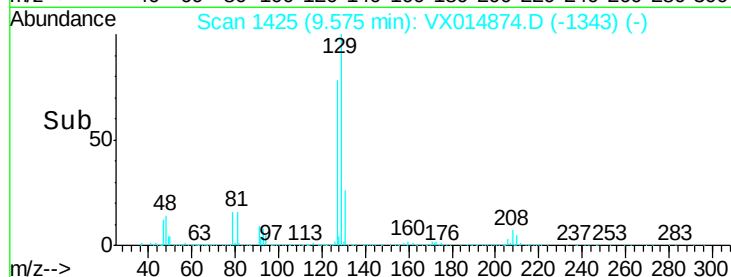
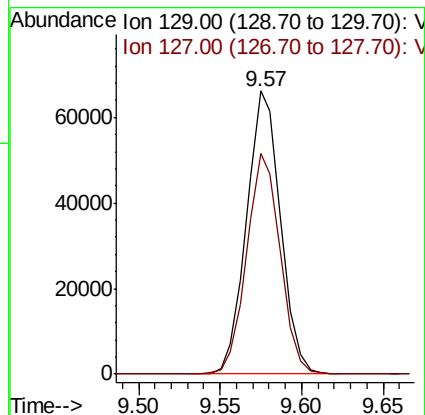
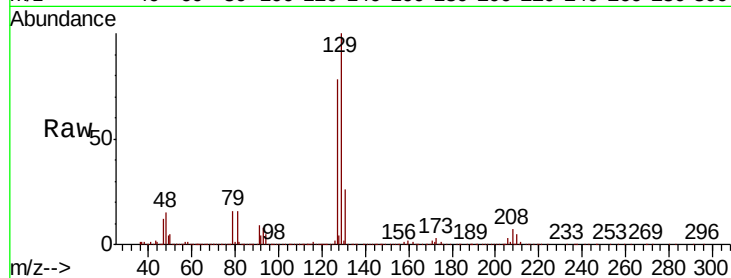
127 76.7 39.1 117.5

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#54

1,2-Dibromoethane

Concen: 21.144 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014874.D

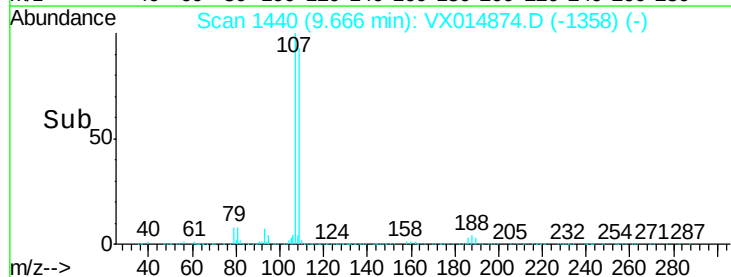
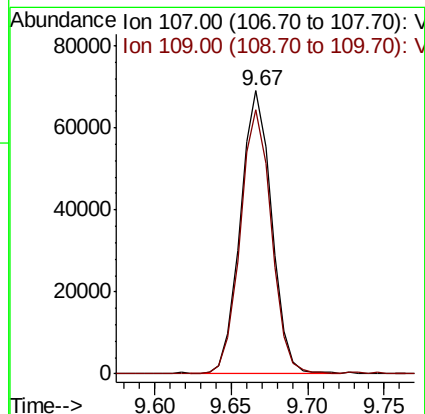
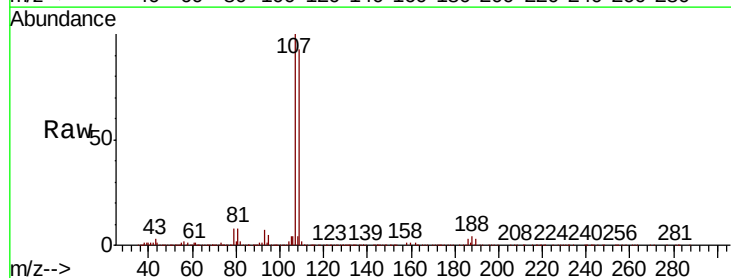
Acq: 07 Feb 2020 16:25

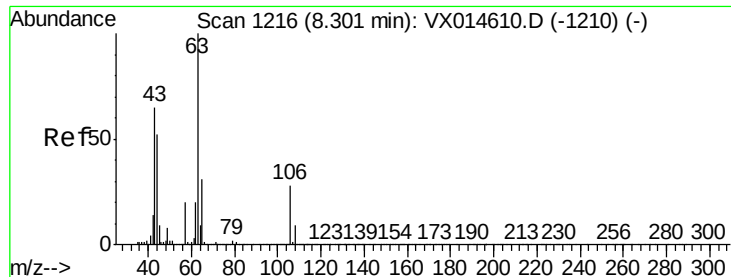
Tgt Ion:107 Resp: 98238

Ion Ratio Lower Upper

107 100

109 92.5 77.2 115.8





#55

2-Chloroethyl vinyl ether

Concen: 88.828 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

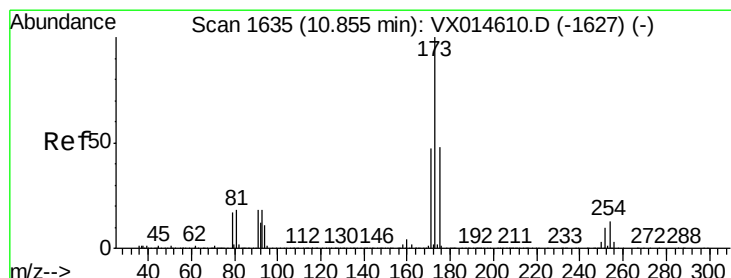
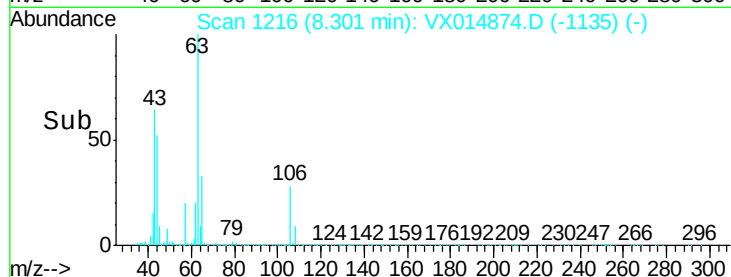
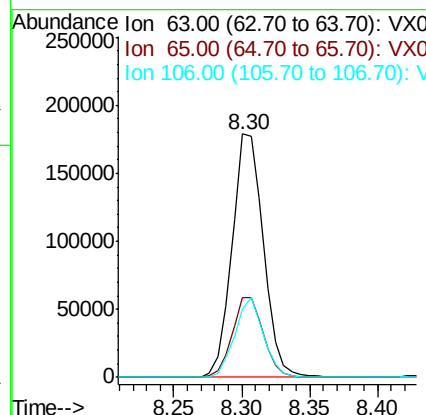
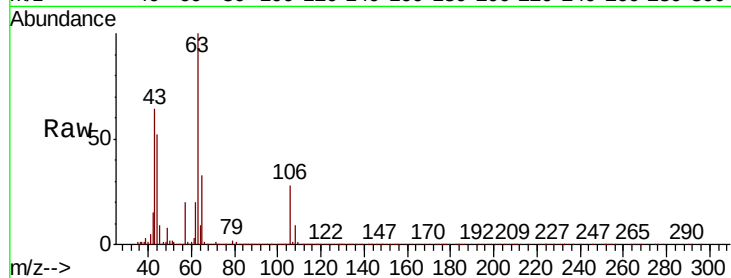
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.8	38.6
106	30.2	22.9	34.3

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#56

Bromoform

Concen: 20.701 ug/l

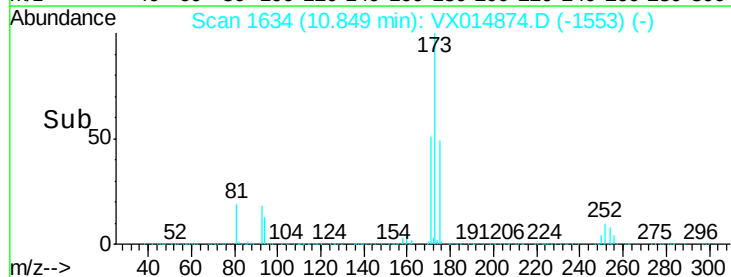
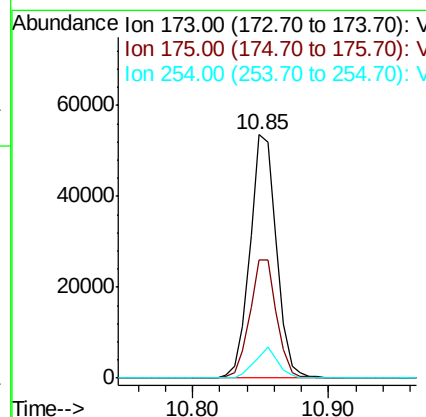
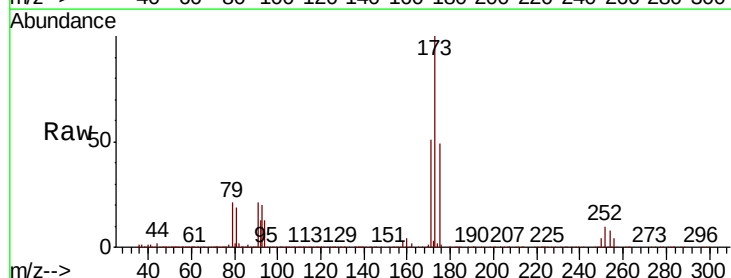
RT: 10.85 min Scan# 1634

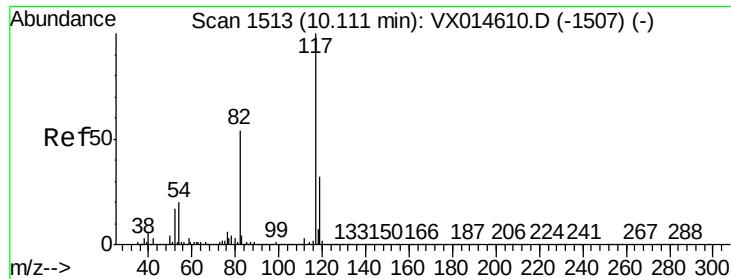
Delta R.T. -0.01 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.5	59.3
254	11.3	8.2	12.4





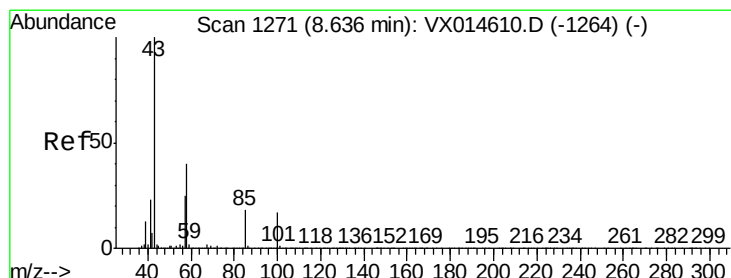
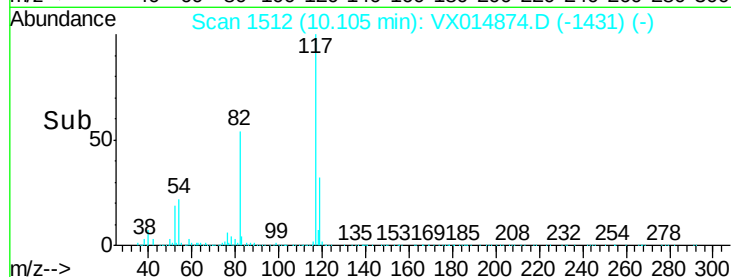
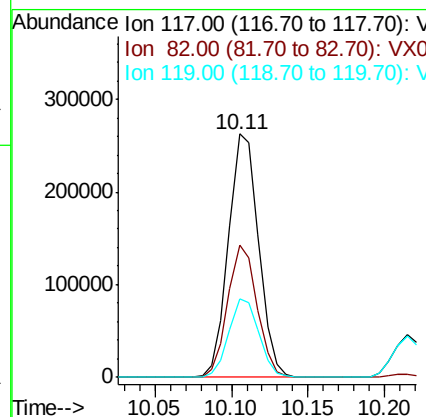
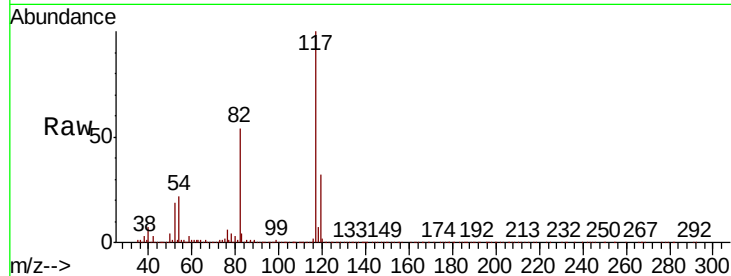
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	360110		
82	52.6		43.8	65.6
119	32.1		25.8	38.6

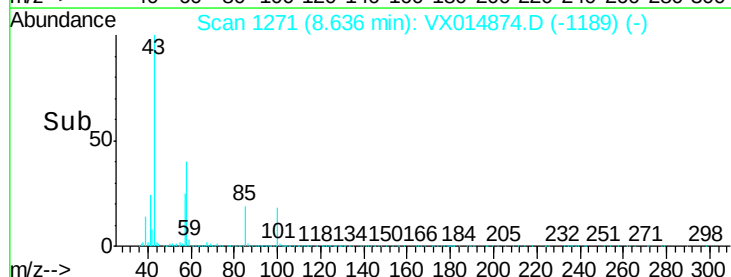
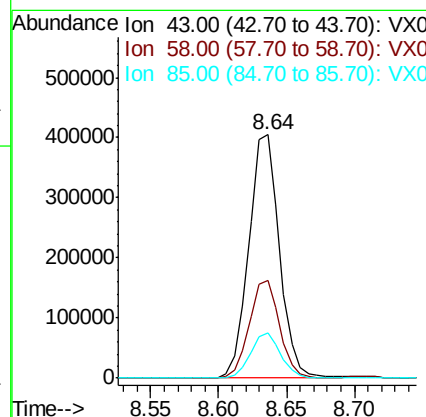
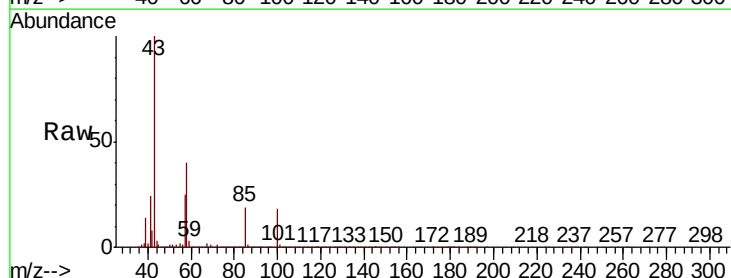
Manual Integrations
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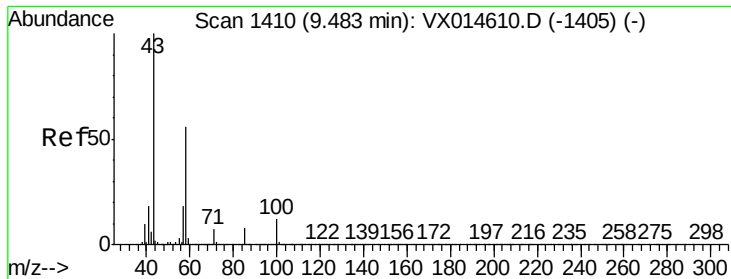
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 93.938 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	637037		
58	40.0		31.2	46.8
85	18.4		14.2	21.2





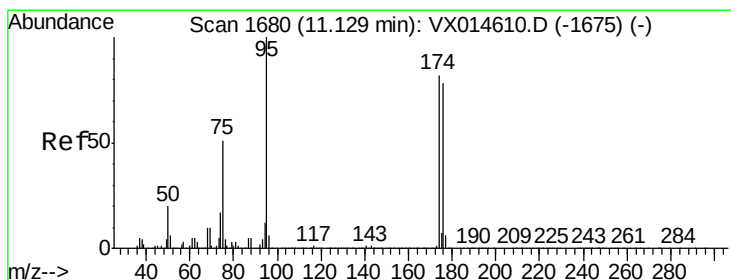
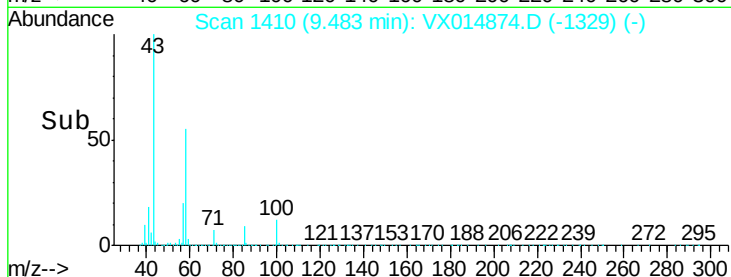
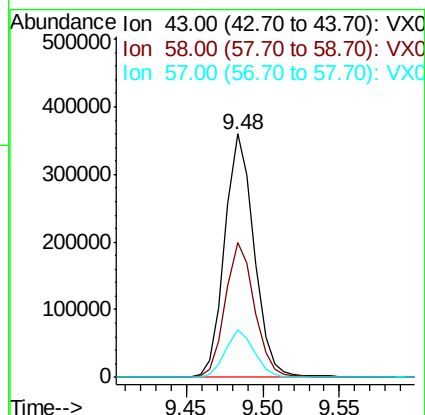
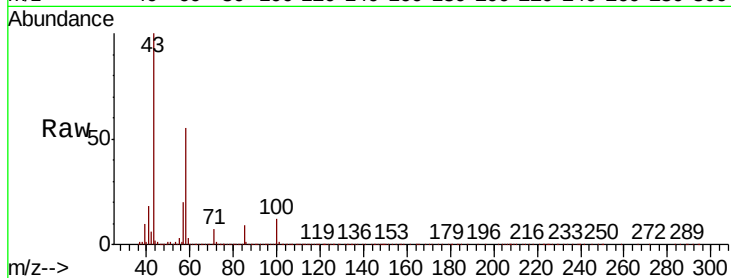
#59
2-Hexanone
Concen: 91.058 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.5	43.8	65.6
57	19.1	15.4	23.0

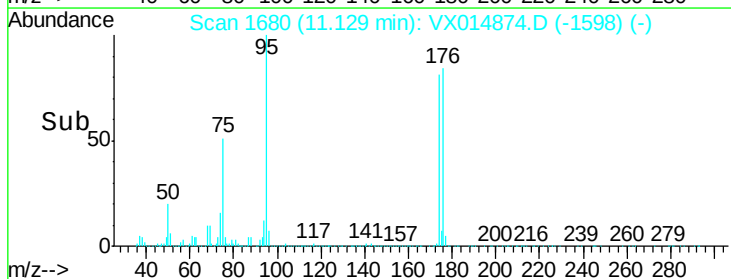
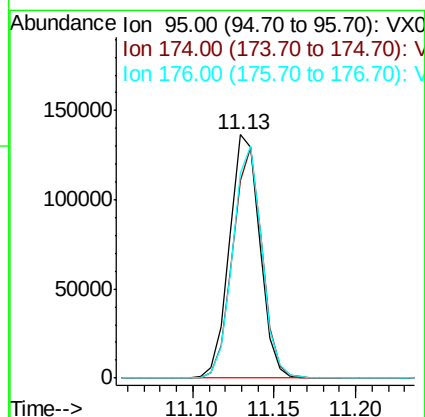
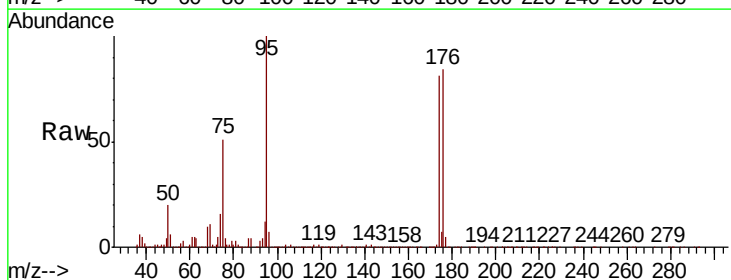
Manual Integrations
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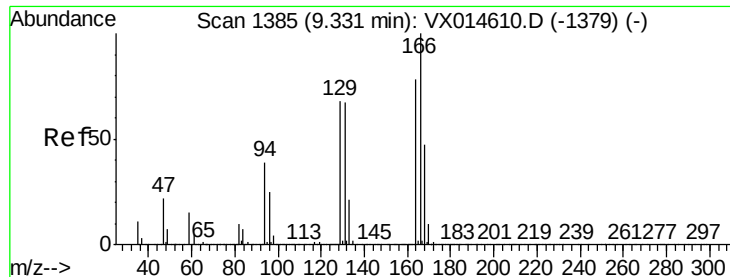
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 30.578 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.3	70.2	105.2
176	91.5	68.3	102.5





#61

Tetrachloroethene

Concen: 18.949 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

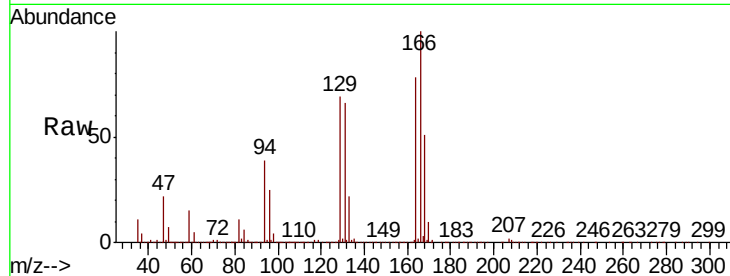
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.9	104.2	156.2
129	87.4	71.6	107.4
131	84.2	71.7	107.5

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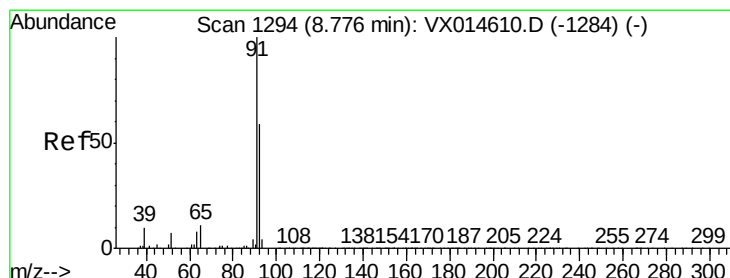
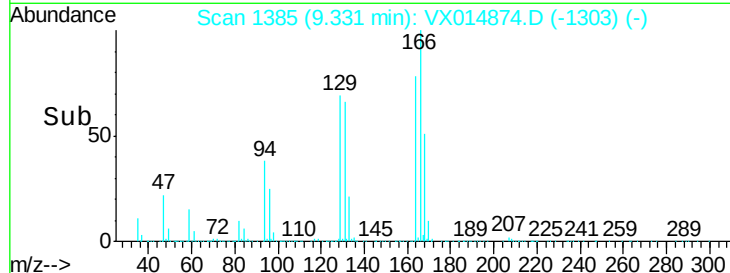
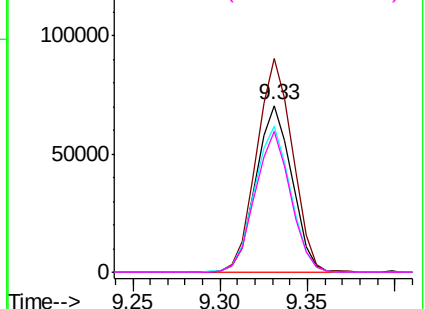


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.255 ug/l

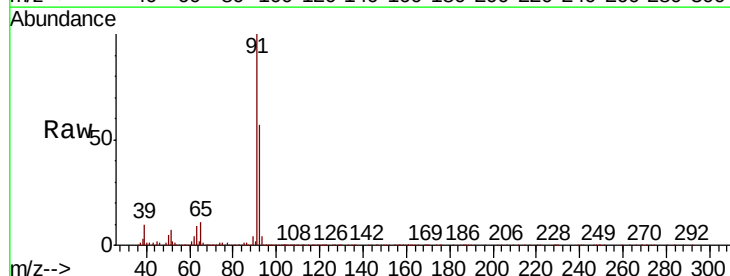
RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014874.D

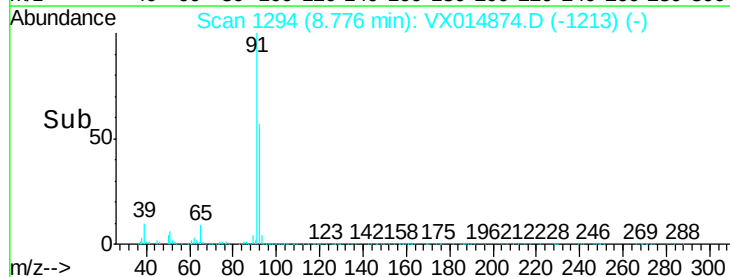
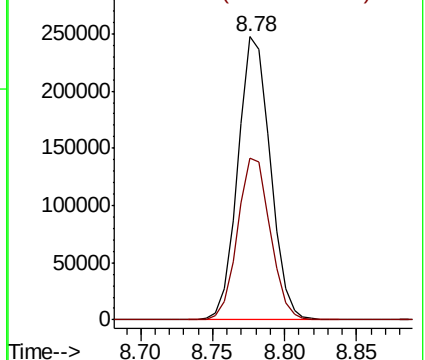
Acq: 07 Feb 2020 16:25

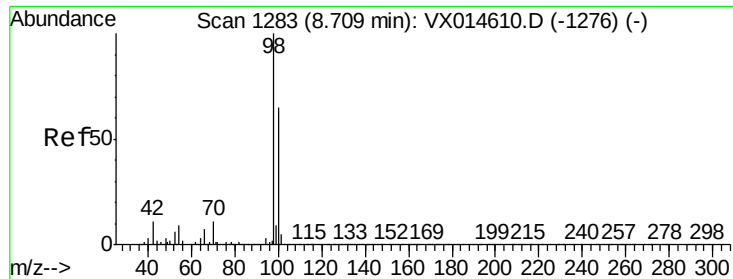
Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.8	46.4	69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





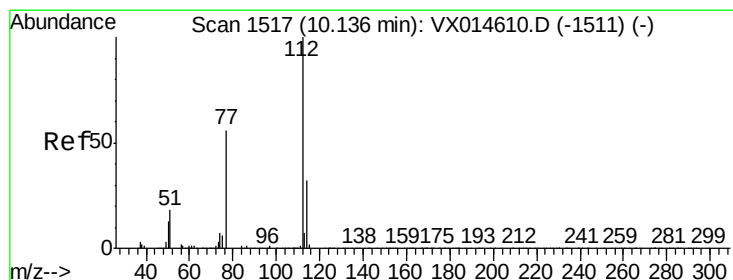
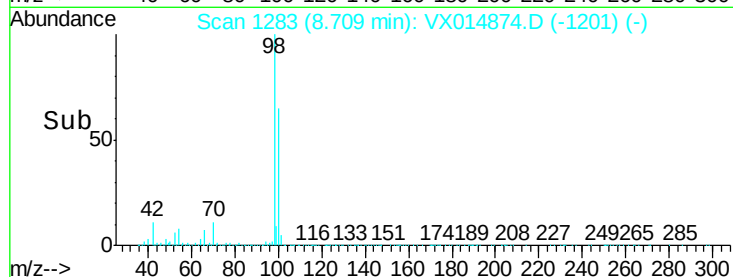
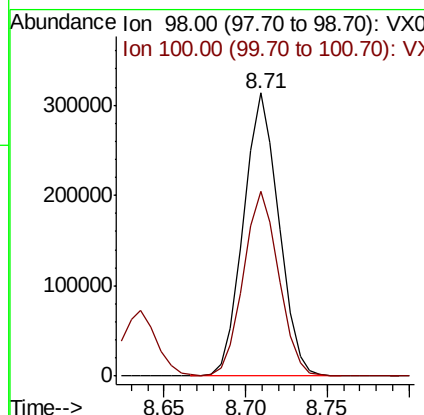
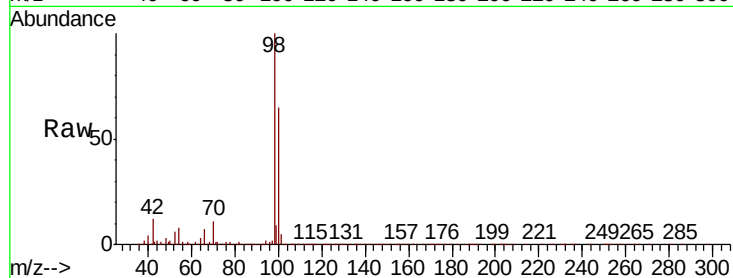
#63
Toluene-d8
Concen: 29.067 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 472798
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2

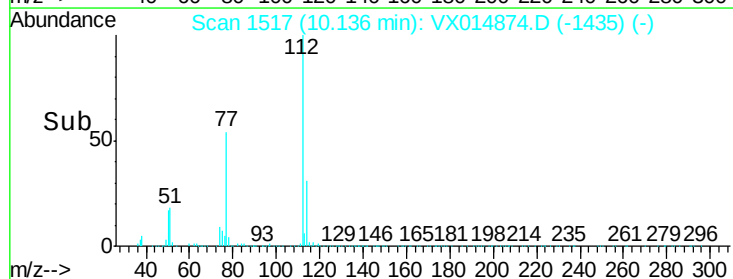
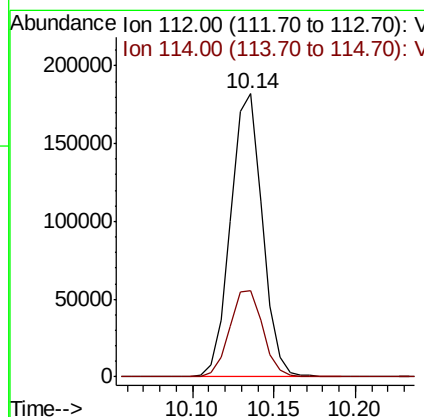
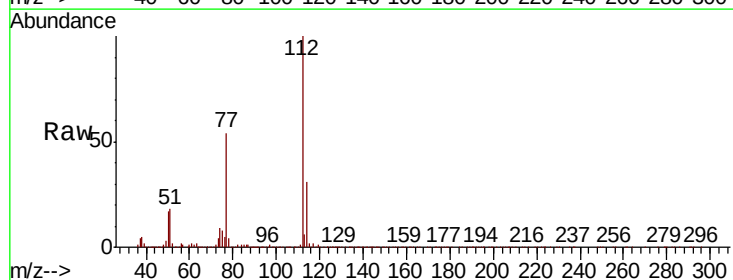
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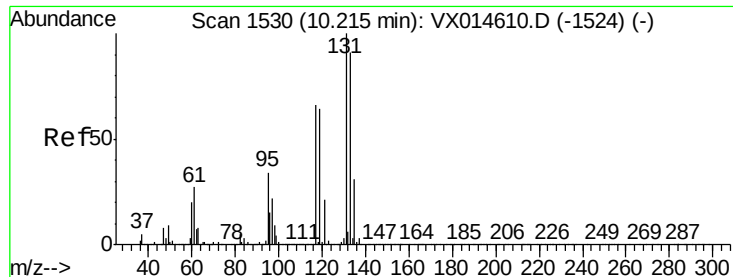
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#64
Chlorobenzene
Concen: 20.669 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion: 112 Resp: 246511
Ion Ratio Lower Upper
112 100
114 30.6 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.557 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

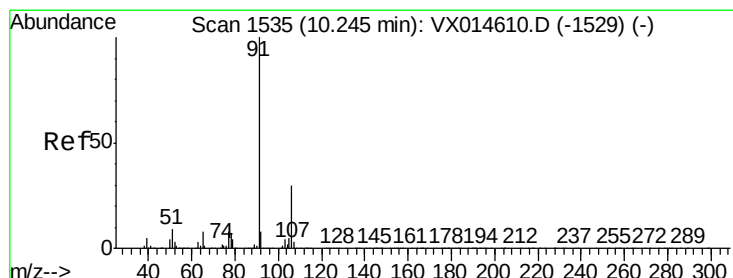
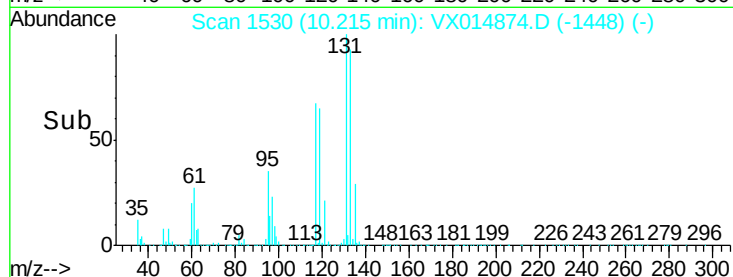
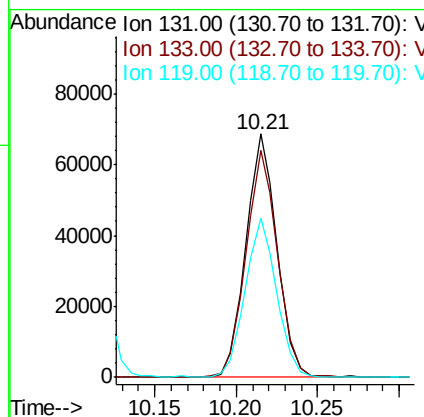
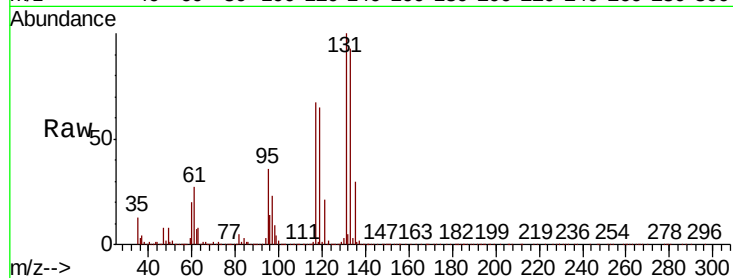
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	90554
Ion Ratio	Lower	Upper	
131	100		
133	94.7	0.0	189.8
119	65.9	0.0	132.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.823 ug/l

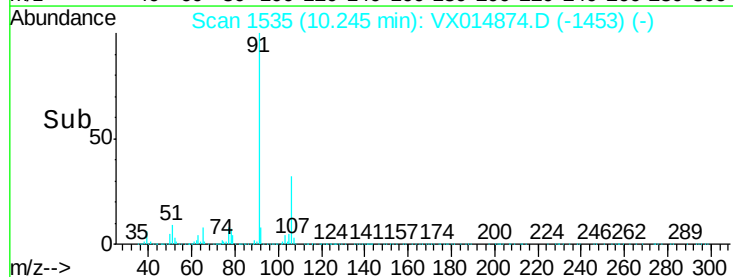
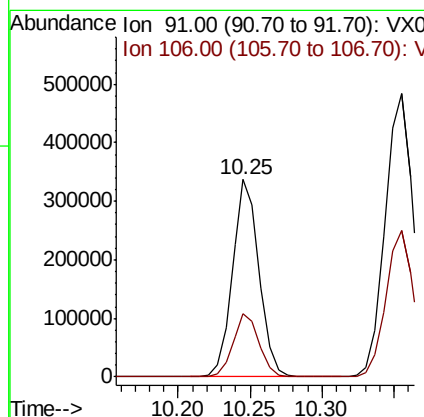
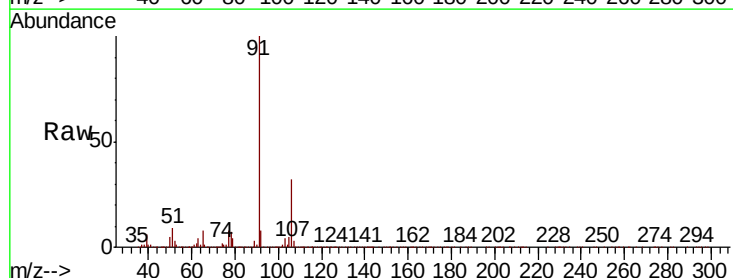
RT: 10.25 min Scan# 1535

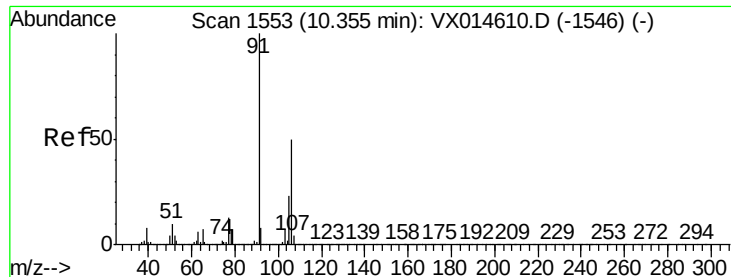
Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Tgt Ion:	91	Resp:	433328
Ion Ratio	Lower	Upper	
91	100		
106	31.9	24.2	36.2





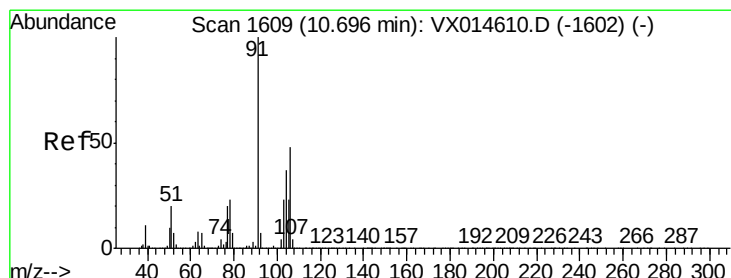
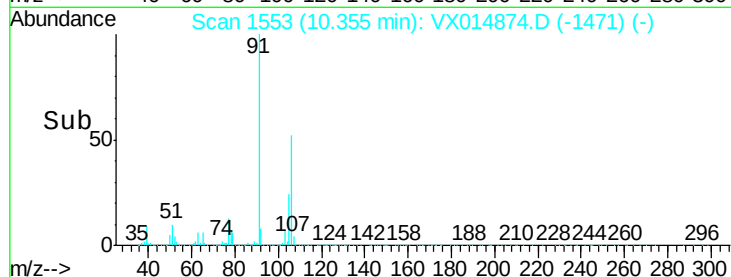
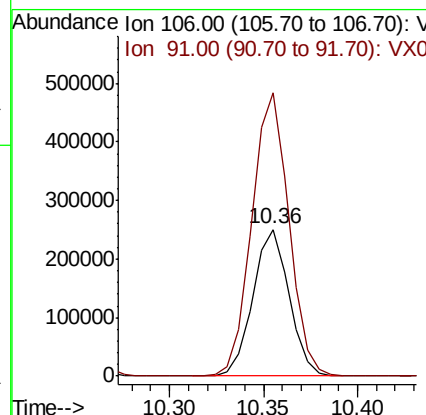
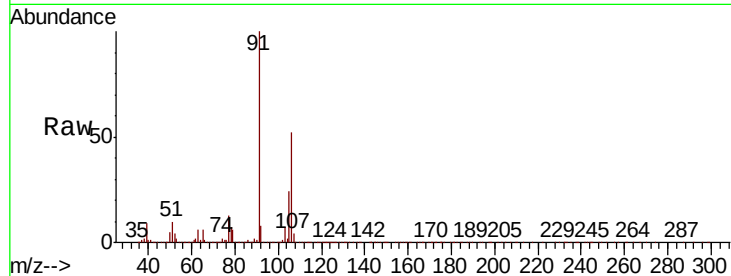
#67
m/p-Xylenes
Concen: 41.845 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	197.6	159.3	238.9

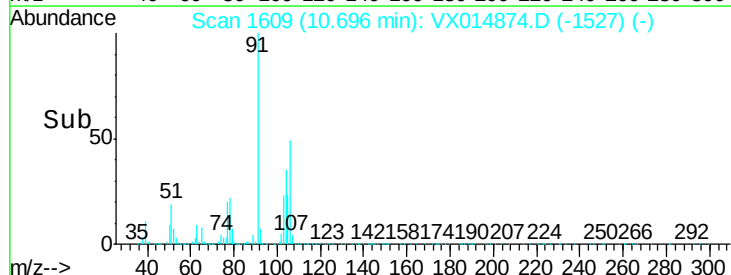
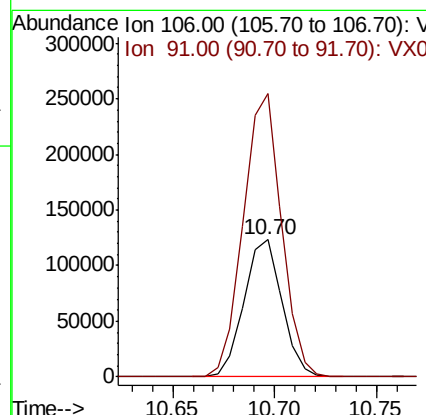
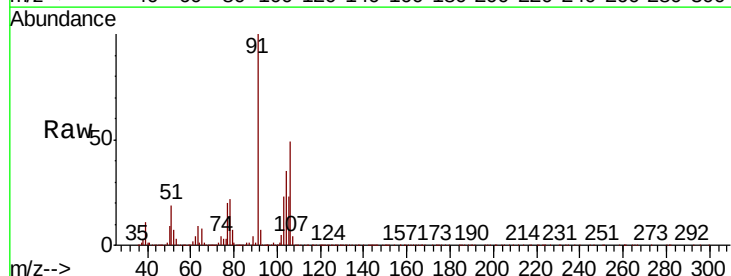
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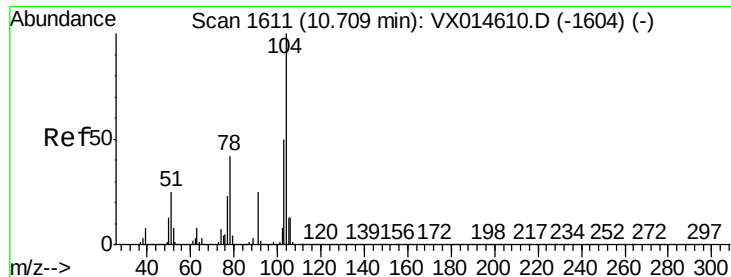
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#68
o-Xylene
Concen: 20.496 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.6	104.8	314.6





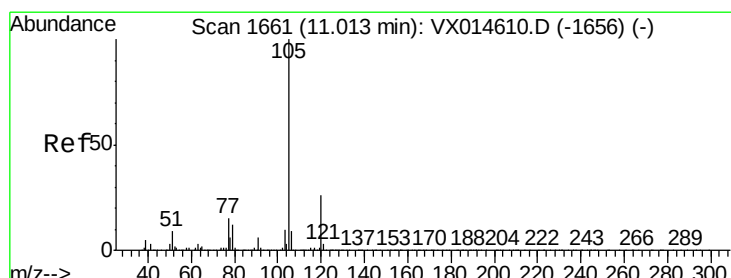
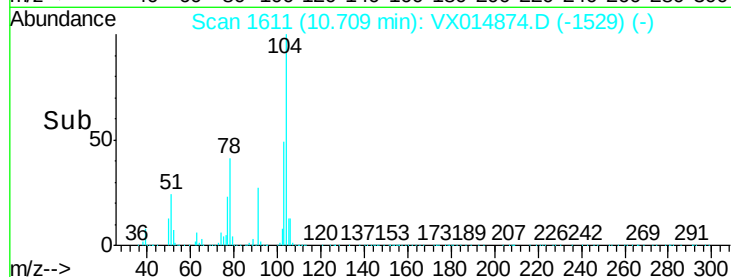
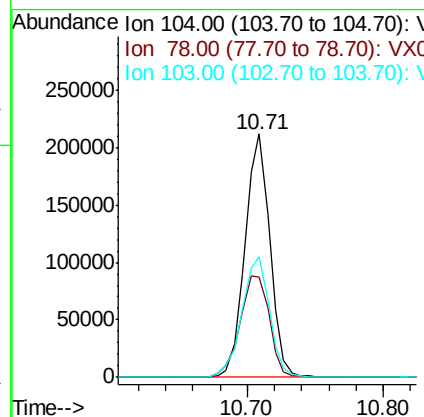
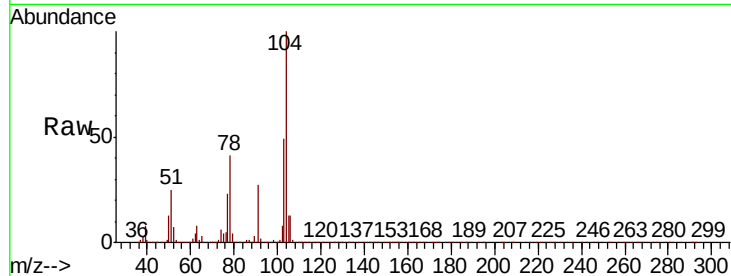
#69
Stvrene
Concen: 20.575 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	104	Resp:	270587
Ion Ratio	Lower	Upper	
104	100		
78	48.9	38.9	58.3
103	54.6	44.2	66.2

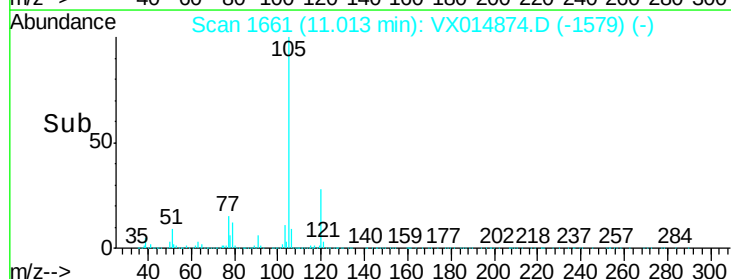
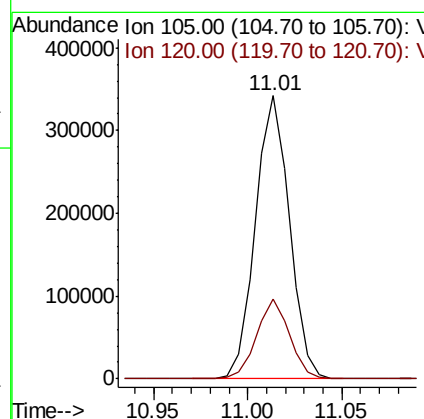
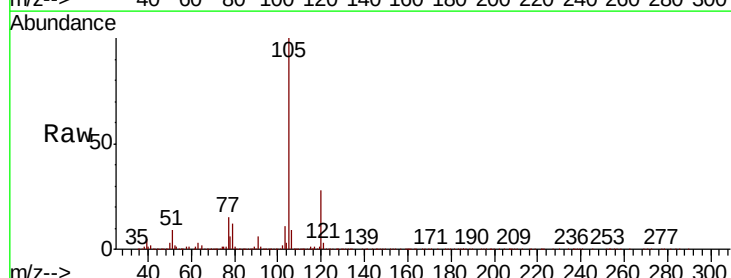
Manual Integrations
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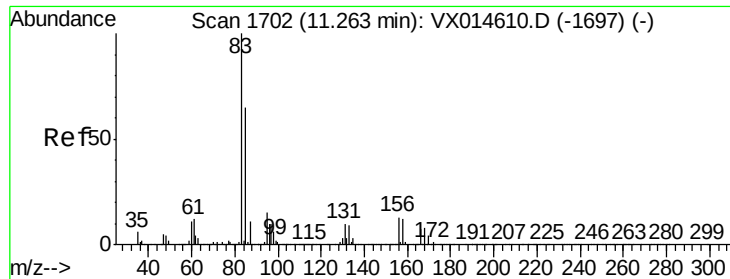
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#70
Isopropylbenzene
Concen: 21.042 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion:	105	Resp:	427894
Ion Ratio	Lower	Upper	
105	100		
120	27.0	19.1	35.5





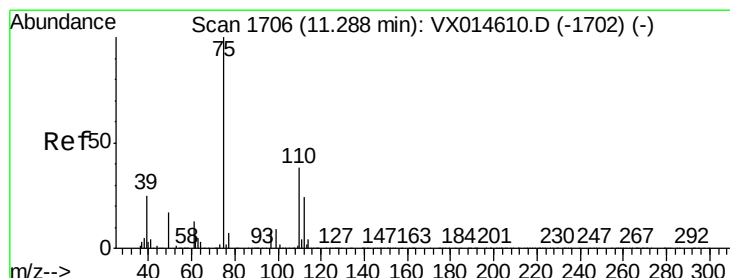
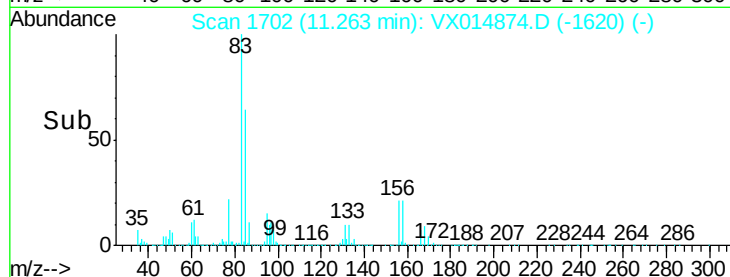
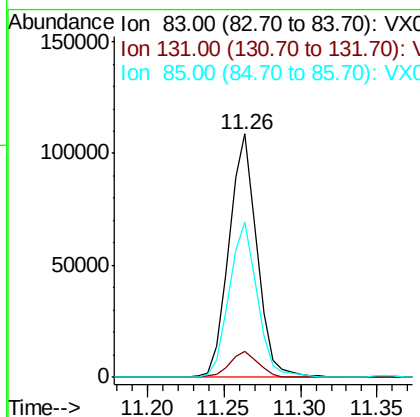
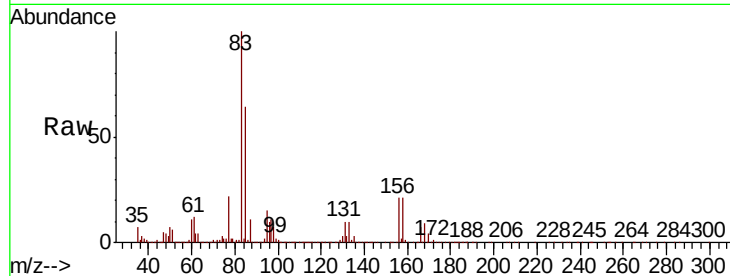
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.056 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	137378		
131	10.9	4.9	14.7	
85	63.6	31.6	94.7	

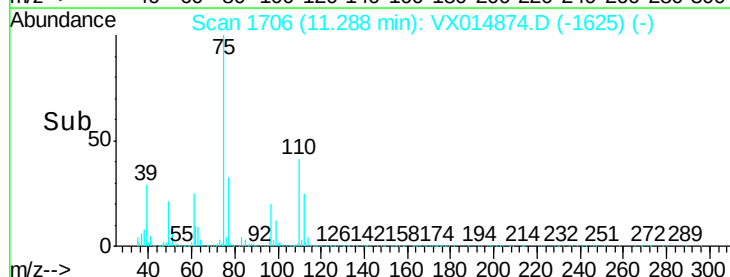
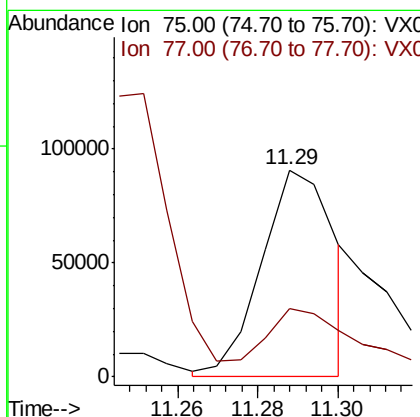
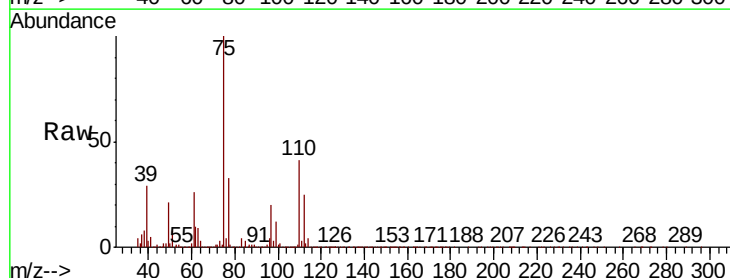
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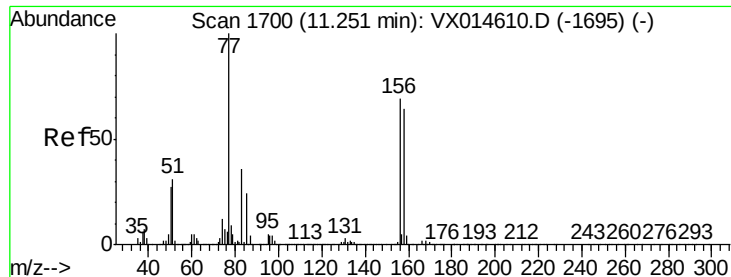
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#72
 1,2,3-Trichloropropane
 Concen: 19.599 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	114833		
77	41.4	0.0	68.4	





#73

Bromobenzene

Concen: 21.584 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

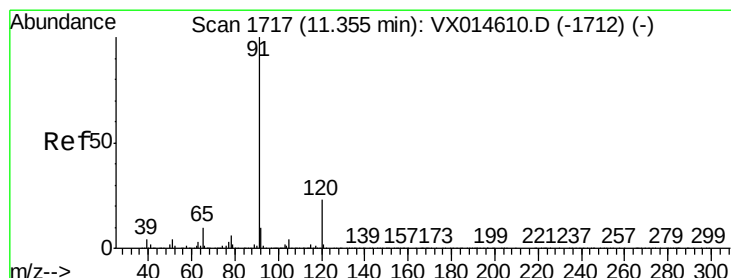
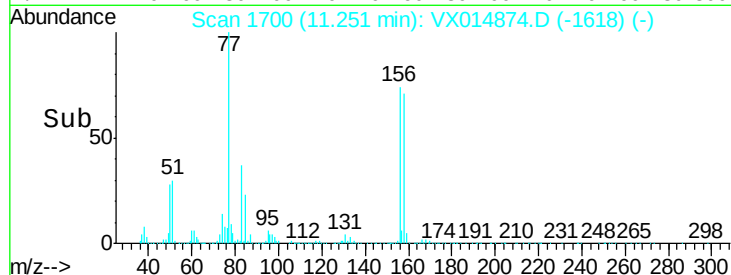
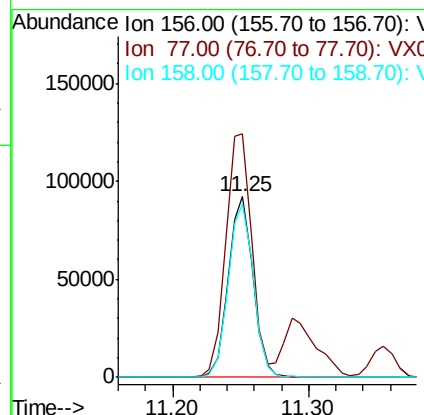
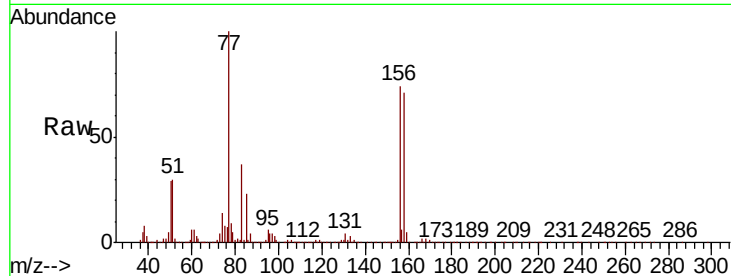
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	116348
Ion Ratio	Lower	Upper	
156	100		
77	140.9	0.0	304.6
158	96.2	0.0	195.2

Manual Integrations
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#74

n-propylbenzene

Concen: 21.374 ug/l

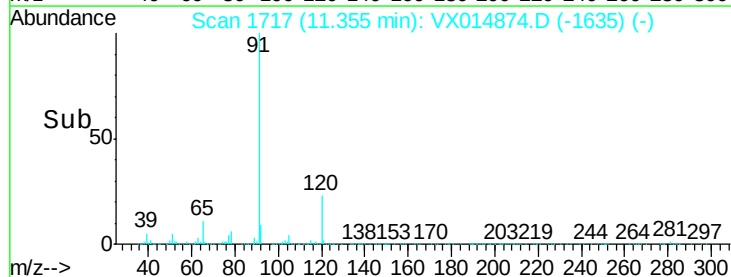
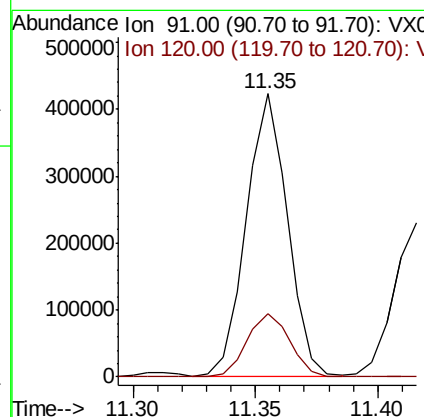
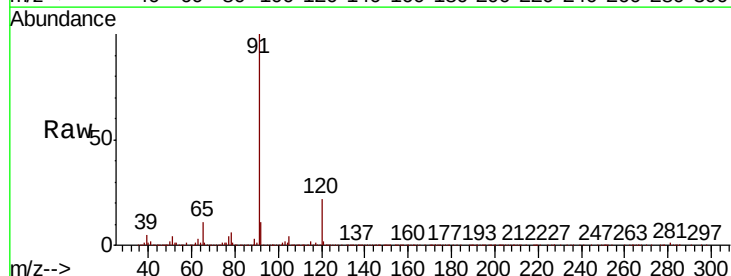
RT: 11.35 min Scan# 1717

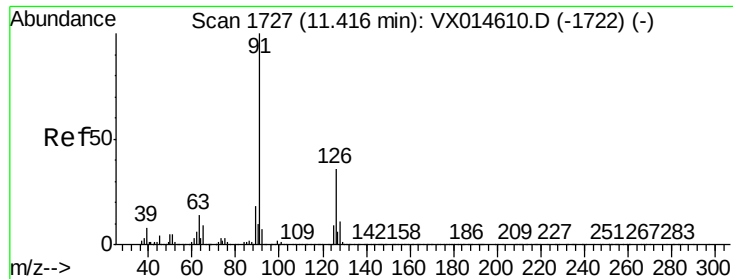
Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Tgt Ion:	91	Resp:	496654
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	44.8





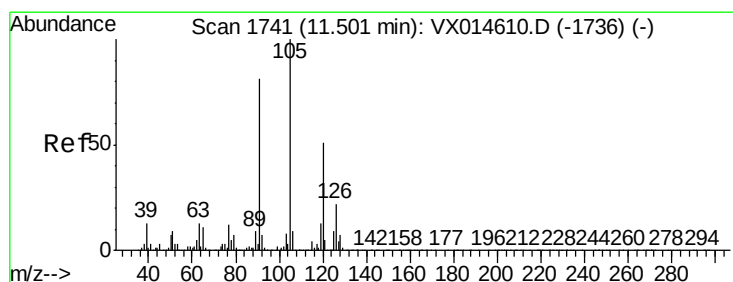
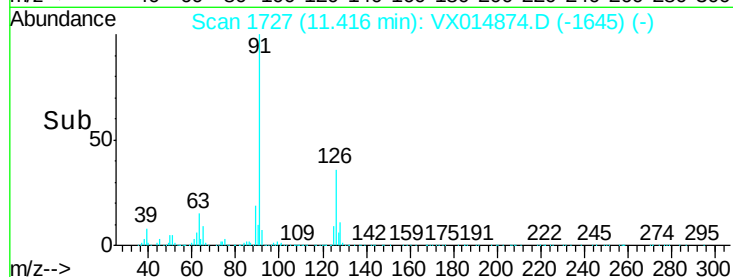
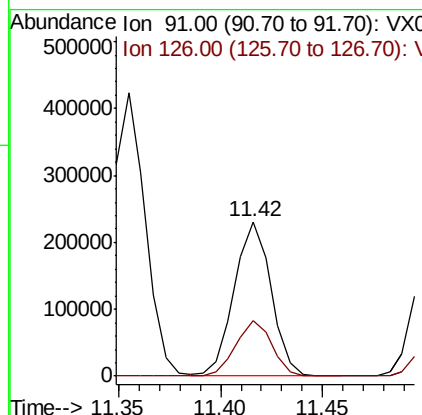
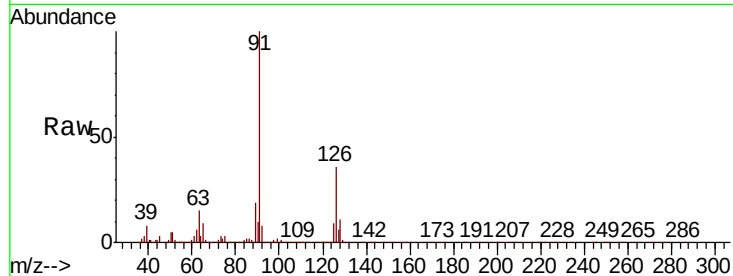
#75
 2-Chlorotoluene
 Concen: 20.655 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 91 Resp: 287642
 Ion Ratio Lower Upper
 91 100
 126 35.4 0.0 70.8

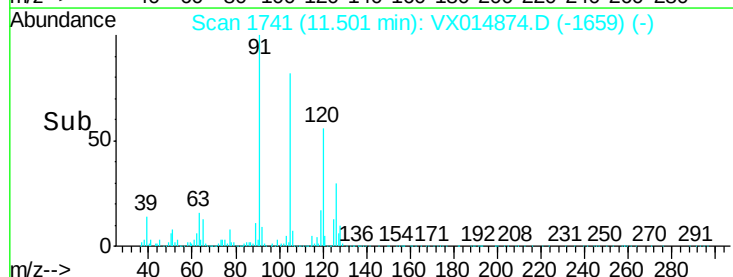
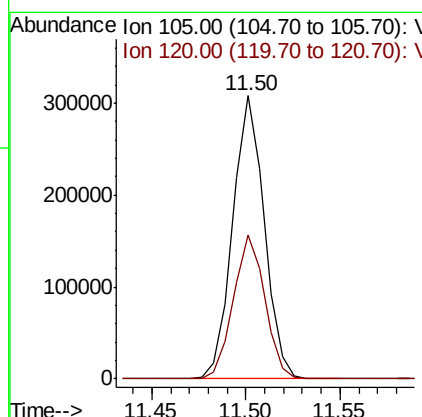
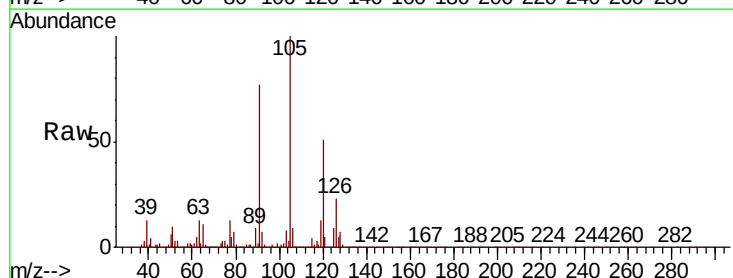
Manual Integrations
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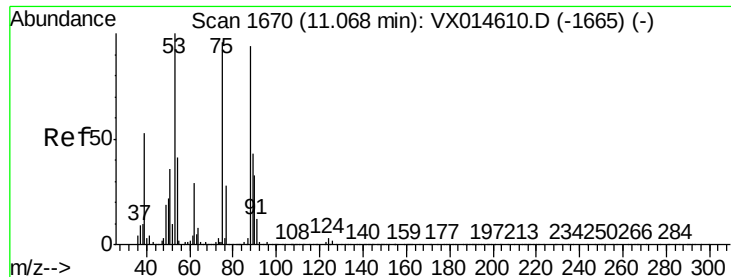
MMDadoda
 2/10/2020 10:49:46 AM



#76
 1,3,5-Trimethylbenzene
 Concen: 21.081 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion: 105 Resp: 357209
 Ion Ratio Lower Upper
 105 100
 120 50.9 0.0 100.6





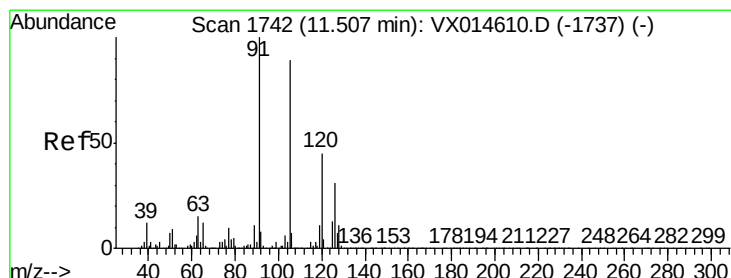
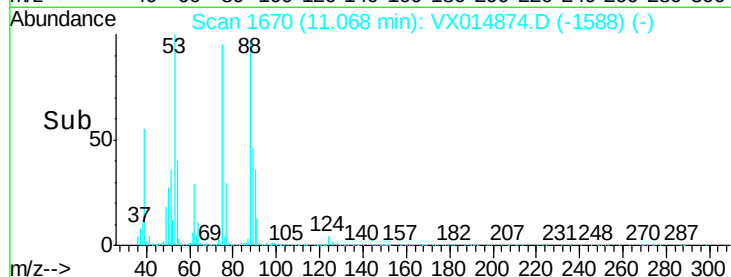
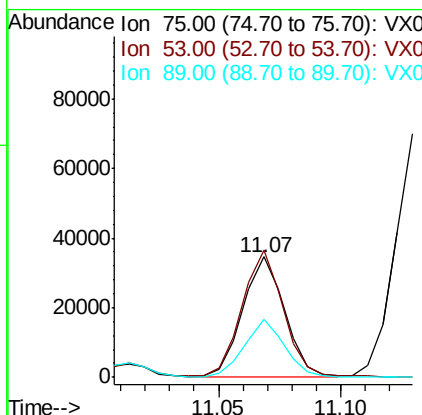
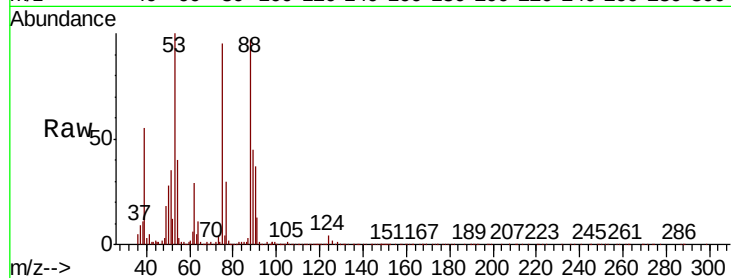
#77
t-1,4-Dichloro-2-butene
Concen: 18.206 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.3	54.4	163.1
89	47.7	21.9	65.5

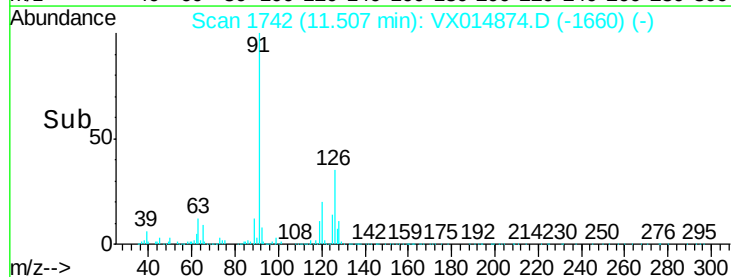
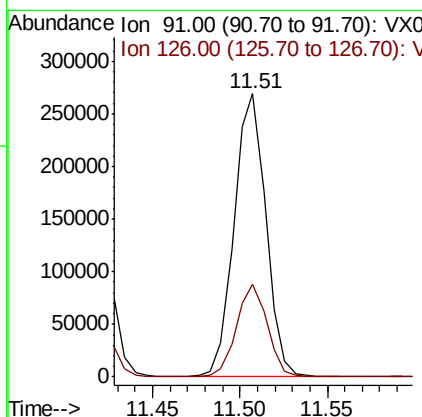
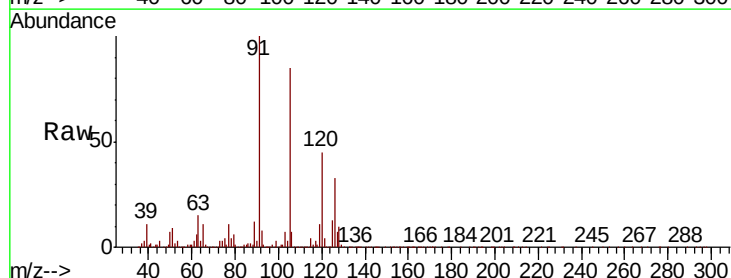
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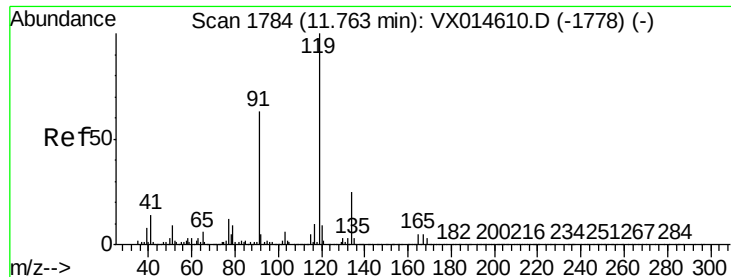
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#78
4-Chlorotoluene
Concen: 21.329 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	0.0	59.6





#79

tert-butylbenzene

Concen: 21.840 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

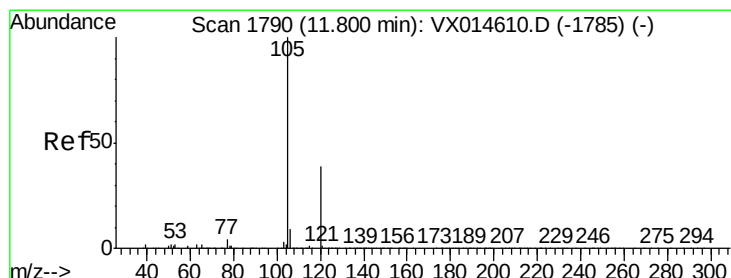
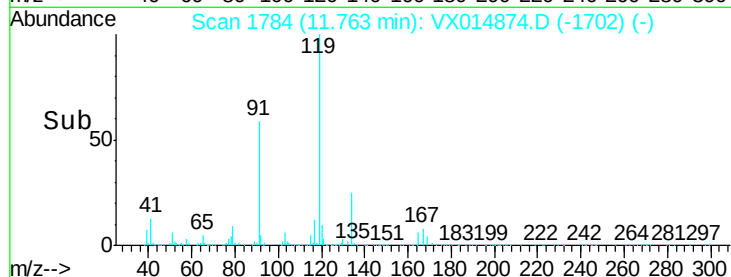
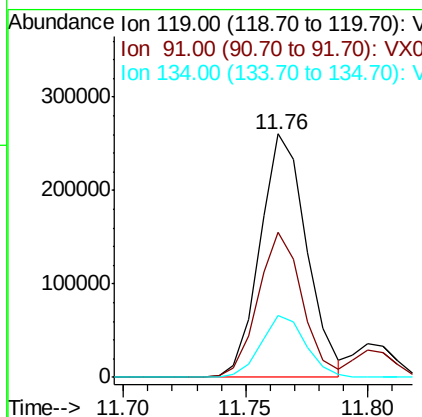
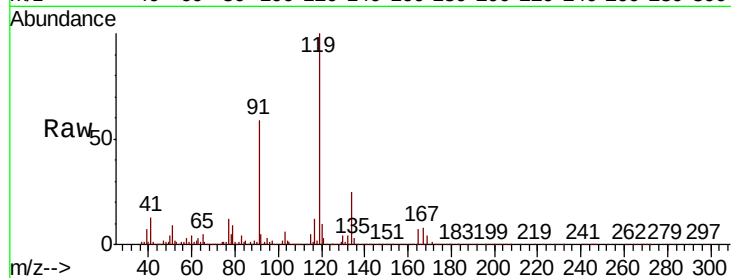
ClientSampled :

VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		346263		
91	56.6	0.0	112.6		
134	24.3	0.0	49.8		

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#80

1,2,4-Trimethylbenzene

Concen: 21.284 ug/l

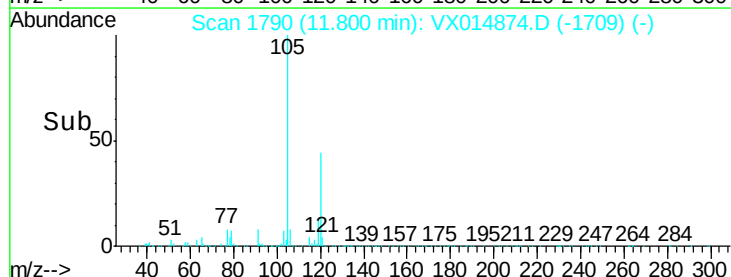
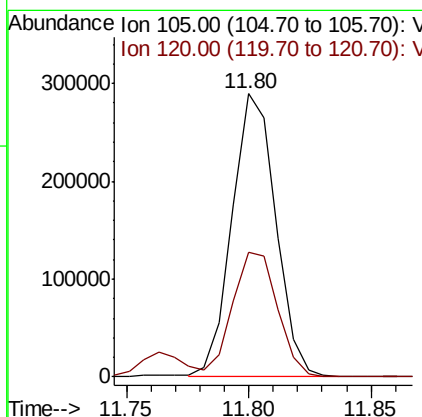
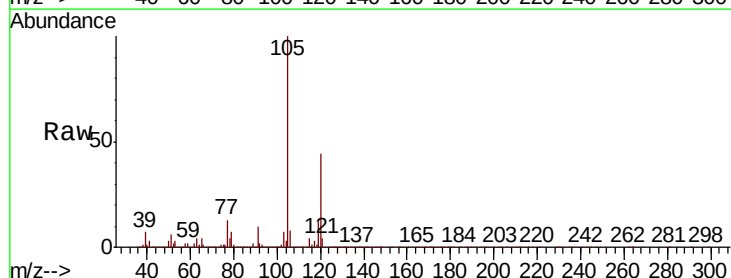
RT: 11.80 min Scan# 1790

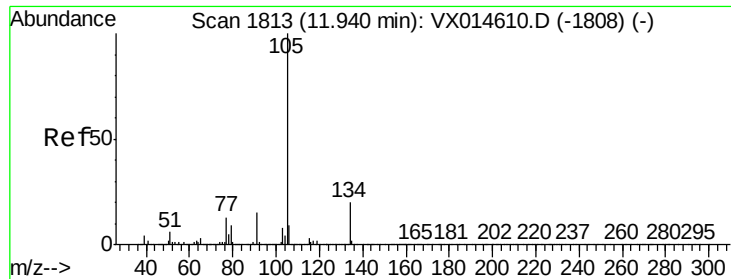
Delta R.T. -0.01 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		359696		
120	45.2	0.0	92.0		





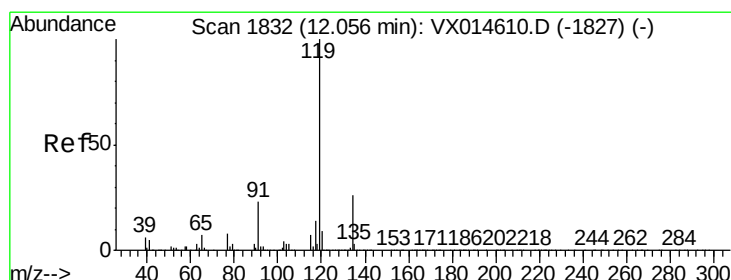
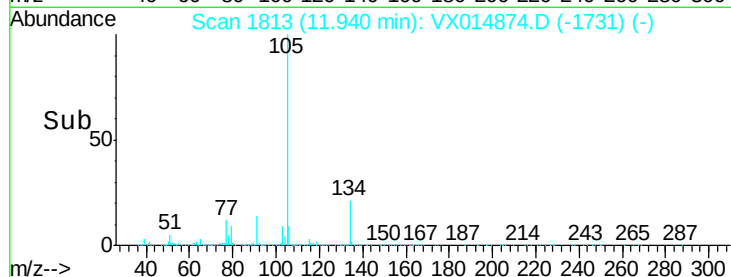
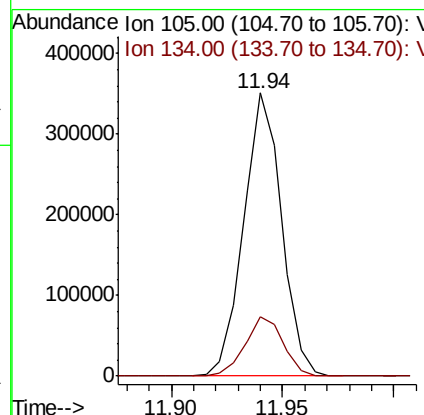
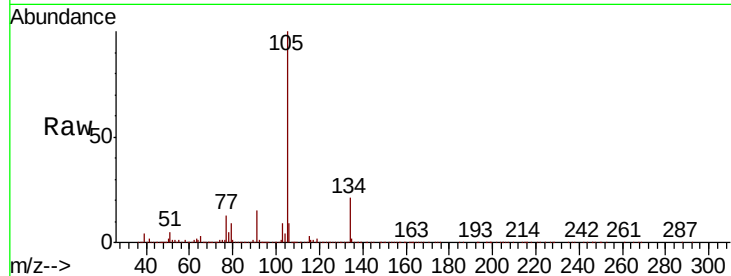
#81
 sec-Butylbenzene
 Concen: 21.222 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	0.0	40.2

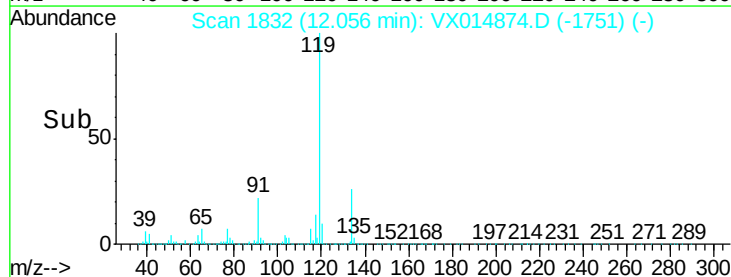
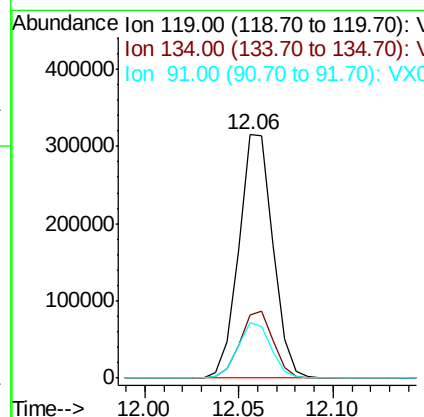
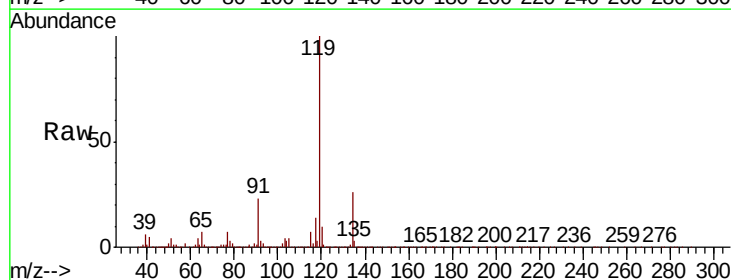
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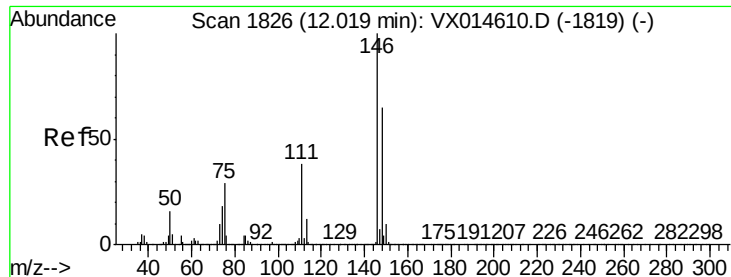
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#82
 p-Isopropyltoluene
 Concen: 22.044 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	0.0	53.8
91	22.0	0.0	45.0





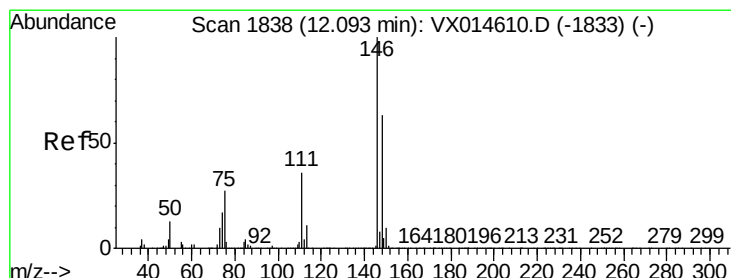
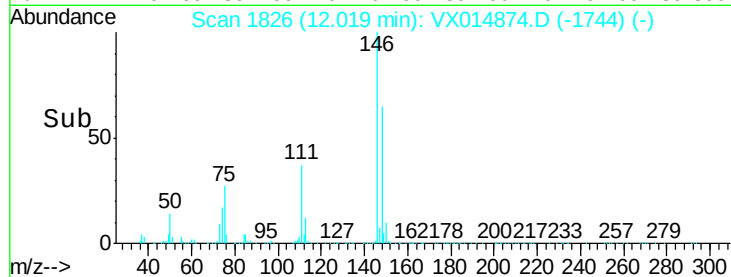
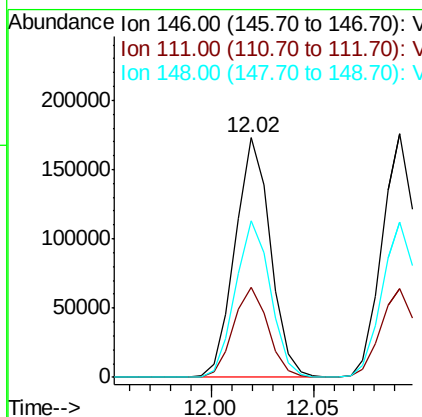
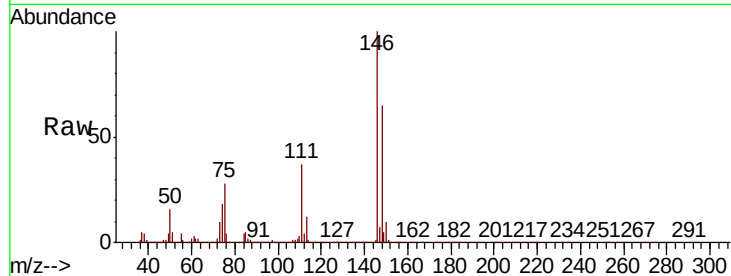
#83
 1,3-Dichlorobenzene
 Concen: 22.062 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.3	57.9
148	64.8	32.2	96.6

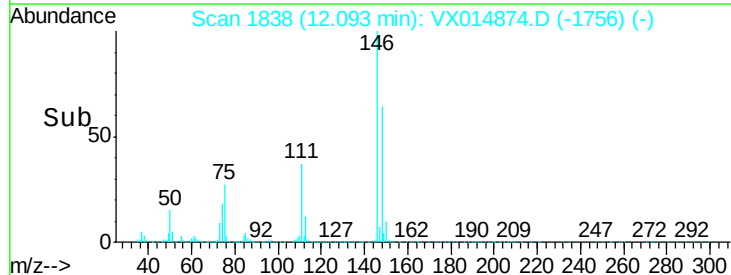
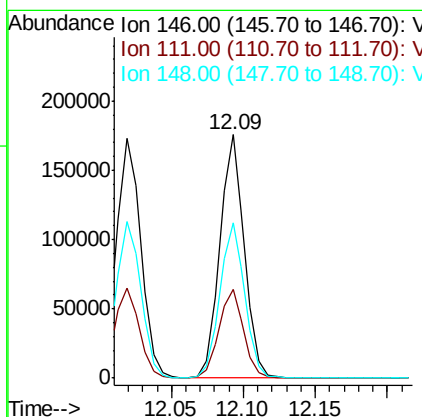
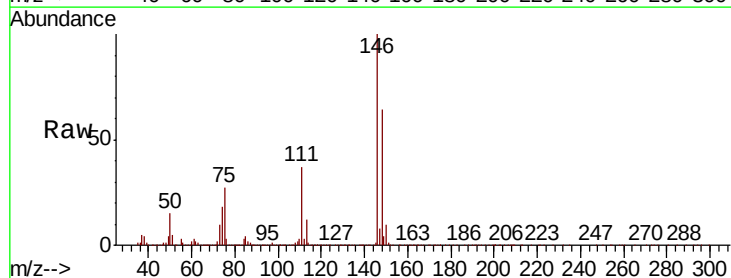
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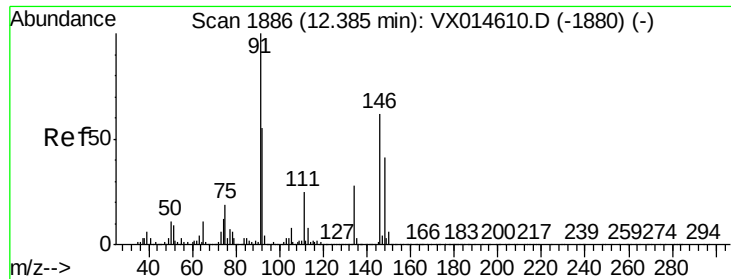
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#84
 1,4-Dichlorobenzene
 Concen: 22.464 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.4	55.4
148	64.7	32.0	96.0





#85

n-Butylbenzene

Concen: 22.249 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Instrument :

MSVOA_X

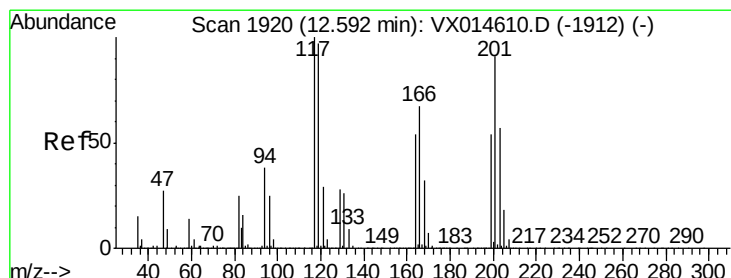
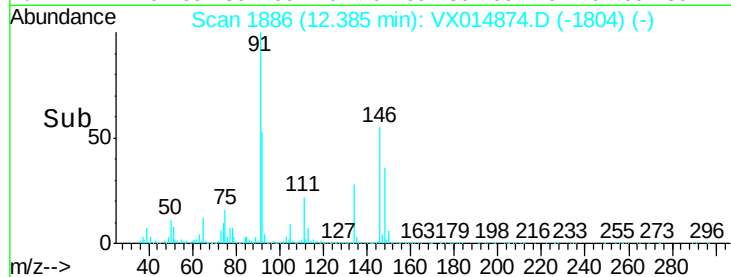
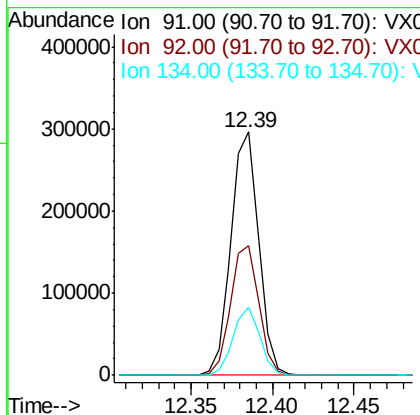
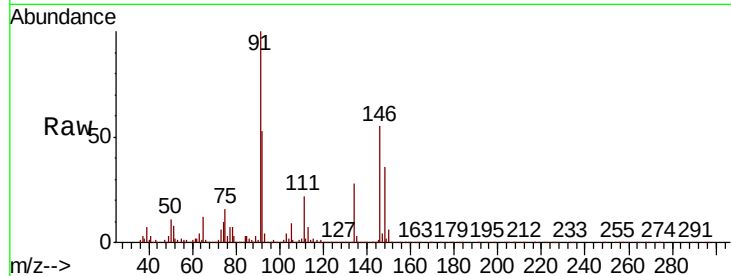
ClientSampleId :

VSTDCCC020EC

Tot Ion:	91	Resp:	348661
Ion Ratio	Lower	Upper	
91	100		
92	54.3	0.0	109.0
134	27.4	0.0	54.0

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#86

Hexachloroethane

Concen: 19.389 ug/l

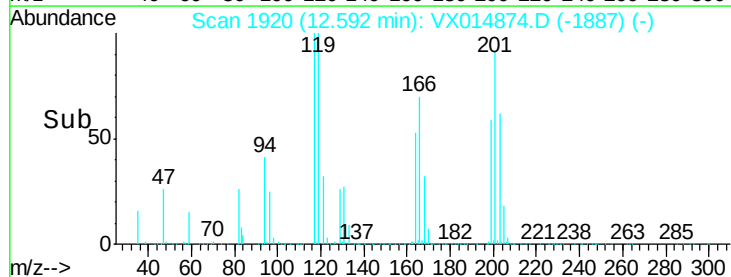
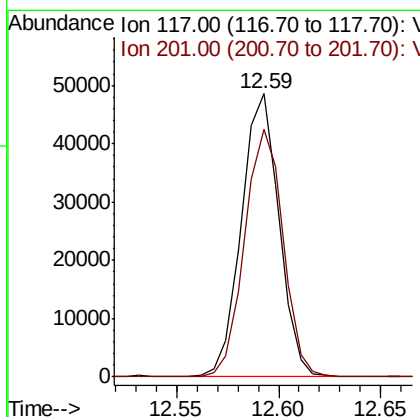
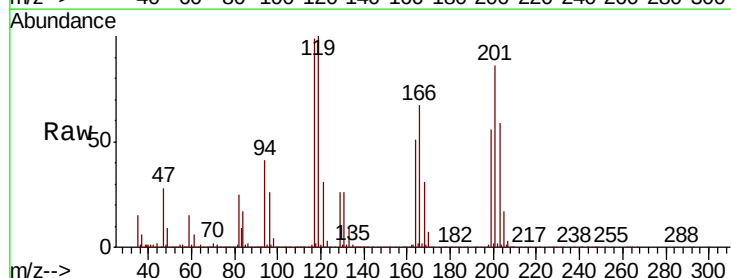
RT: 12.59 min Scan# 1920

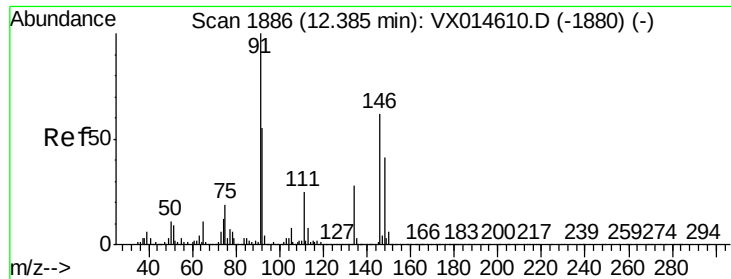
Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Tgt Ion:	117	Resp:	62271
Ion Ratio	Lower	Upper	
117	100		
201	89.2	44.8	134.3





#87

1,2-Dichlorobenzene

Concen: 21.785 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014874.D

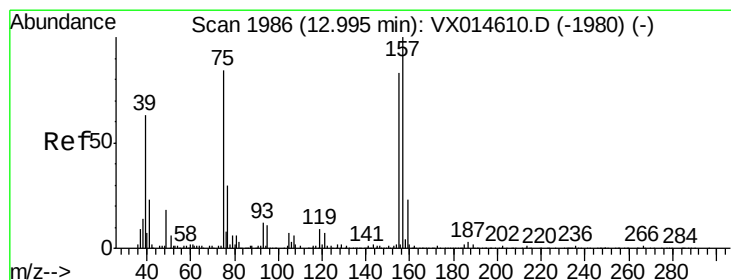
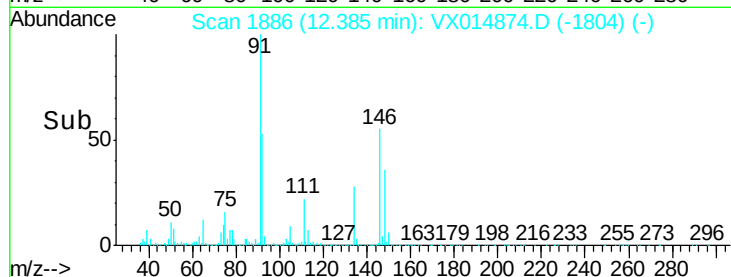
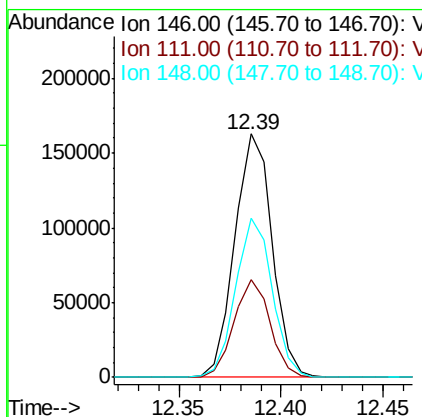
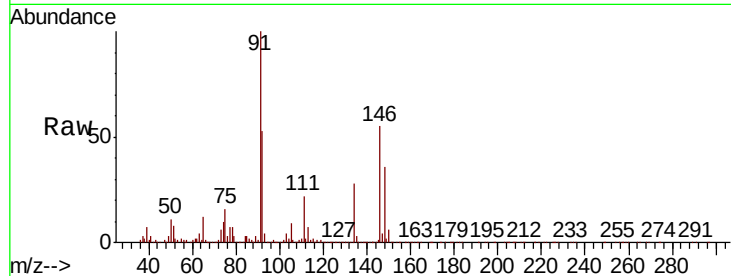
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.1	60.2
148	63.8	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.995 ug/l

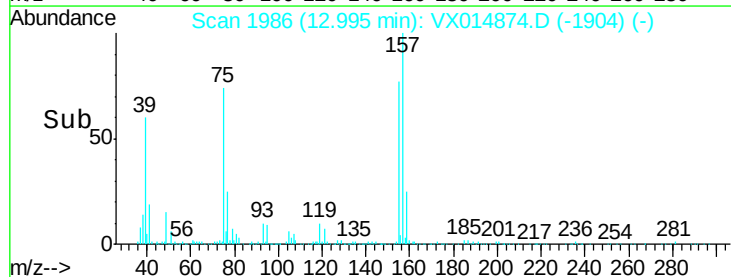
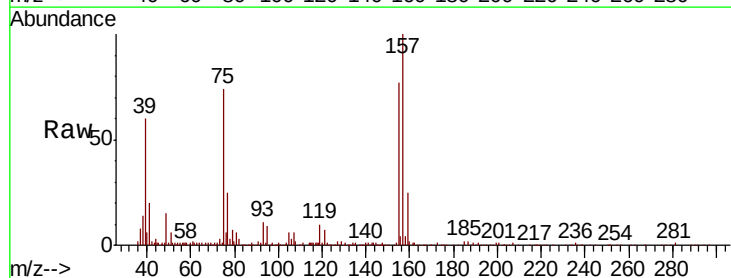
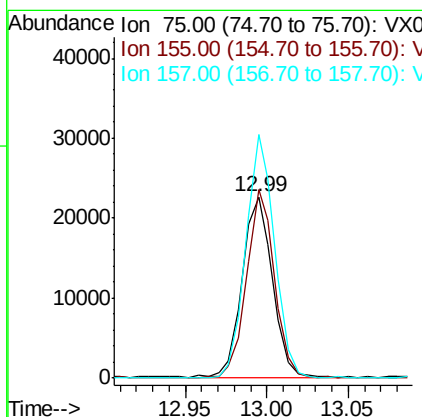
RT: 12.99 min Scan# 1986

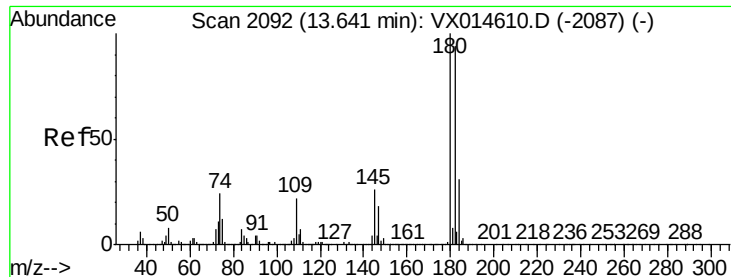
Delta R.T. 0.00 min

Lab File: VX014874.D

Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	73.8	110.6
157	128.2	95.0	142.4





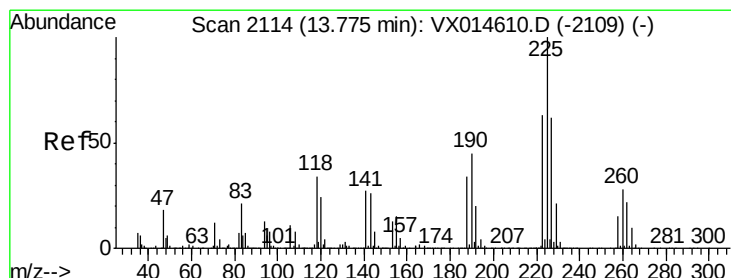
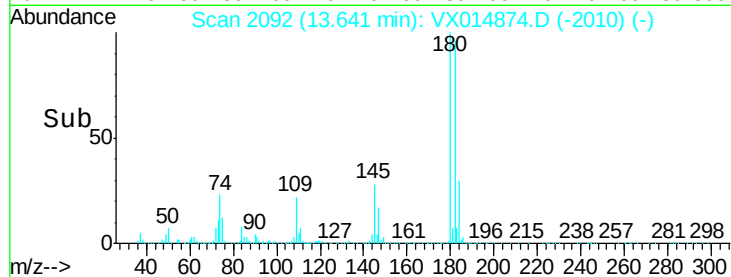
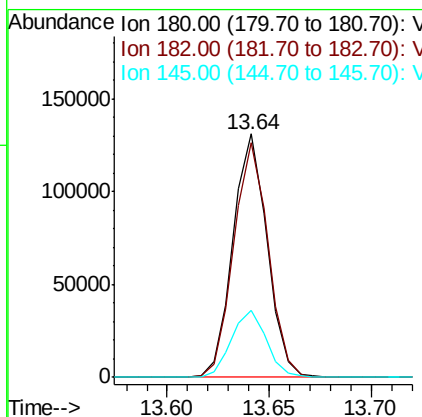
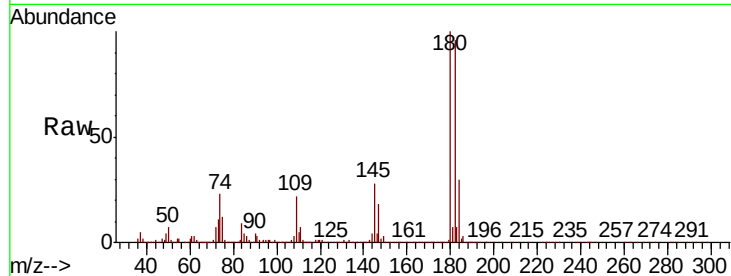
#89
 1,2,4-Trichlorobenzene
 Concen: 24.304 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	152351		
182	97.4	76.4	114.6	
145	28.2	21.9	32.9	

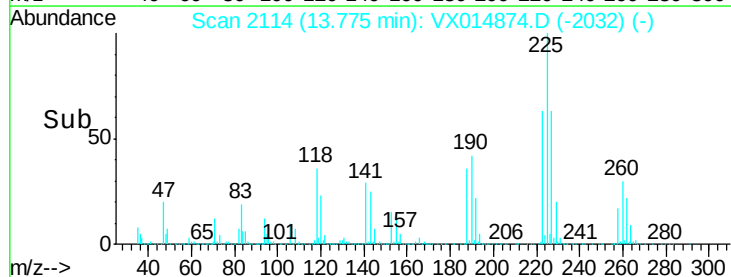
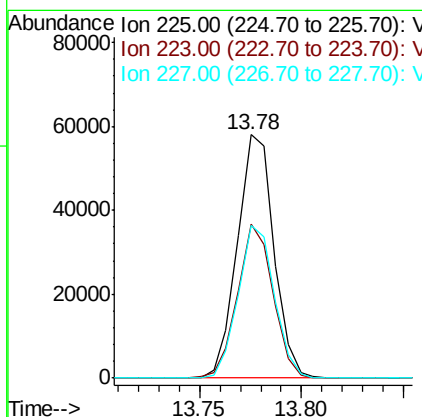
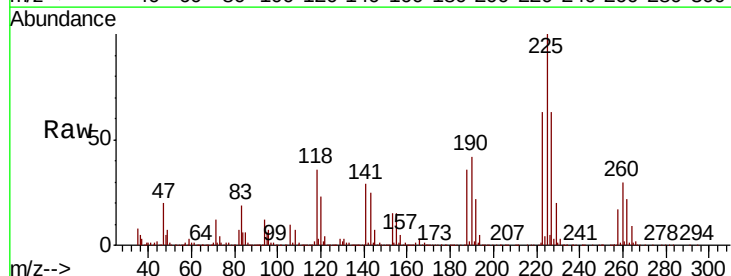
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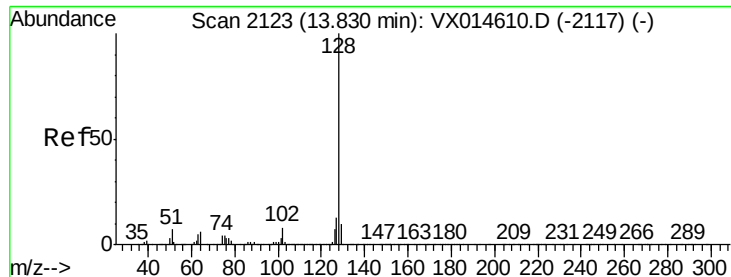
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#90
 Hexachlorobutadiene
 Concen: 23.030 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014874.D
 Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	72134		
223	61.4	0.0	127.4	
227	62.2	0.0	122.8	





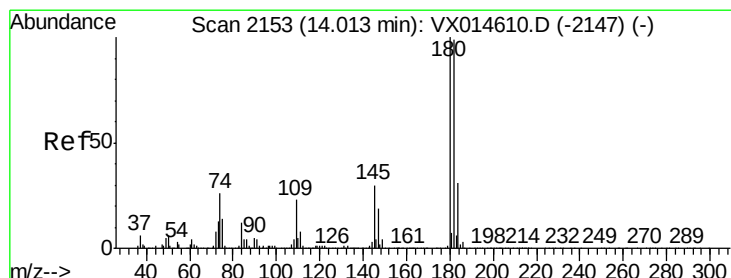
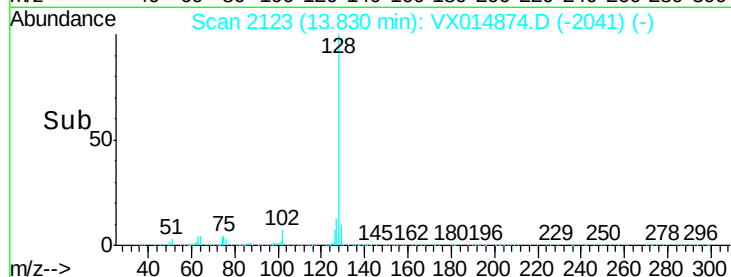
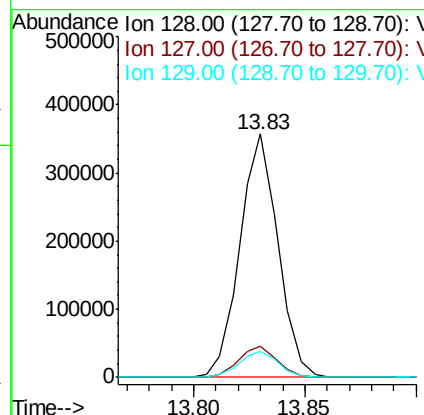
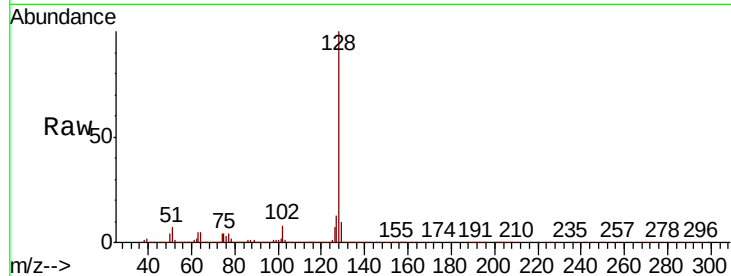
#91
Naphthalene
Concen: 22.491 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 23.375 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014874.D
Acq: 07 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	0.0	192.8
145	30.1	0.0	60.0

