

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121219\
 Data File : VX014004.D
 Acq On : 13 Dec 2019 05:03
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 12/13/2019 12:39:58 PM

Quant Time: Dec 13 05:35:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	91394	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	500983	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	453286	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	193288	29.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.43%
60) 4-Bromofluorobenzene	11.14	95	220789	30.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.53%
63) Toluene-d8	8.71	98	623616	30.78	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	83323	18.048	ug/l 99
3) Chloromethane	1.32	50	123051	18.911	ug/l 95
4) Vinyl Chloride	1.40	62	129317	19.387	ug/l 100
5) Bromomethane	1.63	94	82309	16.880	ug/l 97
6) Chloroethane	1.70	64	113231	27.482	ug/l 95
7) Trichlorofluoromethane	1.92	101	154517	18.616	ug/l 98
8) Diethyl Ether	2.18	74	75586	19.812	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89763	18.133	ug/l 99
10) 1,1-Dichloroethene	2.36	96	95987	18.755	ug/l 99
11) Methyl Iodide	2.50	142	130613	19.825	ug/l 98
12) Methyl Acetate	2.76	43	147547	18.623	ug/l 98
13) Acrolein	2.29	56	38865	40.444	ug/l 99
14) Acrylonitrile	3.13	53	296378	95.689	ug/l 100
15) Acetone	2.44	58	82276	90.426	ug/l 96
16) Carbon Disulfide	2.56	76	269178	19.415	ug/l 98
17) Allyl chloride	2.72	41	168314	18.302	ug/l 99
18) Methylene Chloride	2.84	84	125053	19.941	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	106562	19.014	ug/l 96
20) Diisopropyl ether	3.84	45	368034	19.503	ug/l 99
21) 1,1-Dichloroethane	3.69	63	195705	19.109	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	122467	18.850	ug/l 97
23) tert-Butyl Alcohol	3.04	59	117372	96.614	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	334136	19.327	ug/l 99
25) Chloroform	5.20	83	188250	19.280	ug/l 100
26) Cyclohexane	5.57	56	168090	18.406	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	141705	19.582	ug/l 99
30) 2-Butanone	4.66	43	410293	96.191	ug/l 99
31) 2,2-Dichloropropane	4.57	77	109563	16.368	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	156427	19.543	ug/l 99
33) Carbon Tetrachloride	5.78	117	130689	19.207	ug/l 99
34) Benzene	6.14	78	448593	19.881	ug/l 98
35) Methacrylonitrile	5.03	41	91212	19.883	ug/l 92
36) 1,2-Dichloroethane	6.18	62	156626	19.983	ug/l 99
37) Trichloroethene	7.21	130	114175	18.596	ug/l 90
38) Methylcyclohexane	7.46	83	163946	18.993	ug/l 98
39) 1,2-Dichloropropane	7.51	63	114544	19.545	ug/l 93
40) Dibromomethane	7.65	93	76324	20.386	ug/l 96

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Manual Integrations
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Quant Time: Dec 13 05:35:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	144413	19.921	ug/l	98
42) Vinyl Acetate	3.80	43	1542976	102.460	ug/l	99
43) Ethyl Acetate	4.81	43	158106	19.318	ug/l	97
44) Isopropyl Acetate	6.43	43	264687	19.309	ug/l	99
45) 1,4-Dioxane	7.73	88	52597	409.732	ug/l	98
46) Methyl methacrylate	7.76	41	130837	19.650	ug/l	97
47) n-amyl Acetate	10.89	43	232762	19.097	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	145894	18.439	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	164684	18.508	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	113934	19.719	ug/l	98
51) Ethyl methacrylate	9.17	69	173884	18.920	ug/l	97
52) 1,3-Dichloropropane	9.37	76	191198	19.477	ug/l	98
53) Dibromochloromethane	9.57	129	111941	19.375	ug/l	99
54) 1,2-Dibromoethane	9.67	107	118615	19.939	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	381067	94.059	ug/l	99
56) Bromoform	10.85	173	82076	18.217	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	845846	99.732	ug/l	99
59) 2-Hexanone	9.49	43	631379	98.096	ug/l	99
61) Tetrachloroethene	9.33	164	106841	17.817	ug/l	99
62) Toluene	8.78	91	478651	19.854	ug/l	100
64) Chlorobenzene	10.14	112	295995	19.597	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	108705	19.437	ug/l	99
66) Ethyl Benzene	10.25	91	522655	19.810	ug/l	99
67) m/p-Xylenes	10.35	106	393182	38.985	ug/l	98
68) o-Xylene	10.70	106	192203	19.237	ug/l	100
69) Styrene	10.71	104	325842	19.178	ug/l	99
70) Isopropylbenzene	11.01	105	502271	19.454	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	183957	20.091	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	154655m	18.976	ug/l	
73) Bromobenzene	11.25	156	131347	19.057	ug/l	98
74) n-propylbenzene	11.35	91	565255	19.302	ug/l	98
75) 2-Chlorotoluene	11.42	91	345469	19.524	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	419235	19.141	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	45029	16.731	ug/l	95
78) 4-Chlorotoluene	11.51	91	384537	19.018	ug/l	98
79) tert-butylbenzene	11.76	119	422166	19.997	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	417502	19.064	ug/l	99
81) sec-Butylbenzene	11.94	105	478554	19.058	ug/l	99
82) p-Isopropyltoluene	12.06	119	429208	18.941	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	225139	18.741	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	222936	18.636	ug/l	99
85) n-Butylbenzene	12.39	91	340992	17.897	ug/l	99
86) Hexachloroethane	12.59	117	74362	18.089	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	233308	19.120	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	35152	19.261	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	139964	17.947	ug/l	100
90) Hexachlorobutadiene	13.78	225	65238	17.599	ug/l	98
91) Naphthalene	13.83	128	440152	18.778	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	145705	18.420	ug/l	99

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ALS Vial : 45 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDCCC020EC

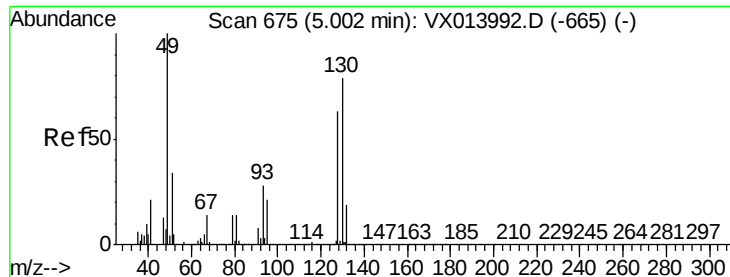
Manual Integrations
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Quant Time: Dec 13 05:35:53 2019
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QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration

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



#1

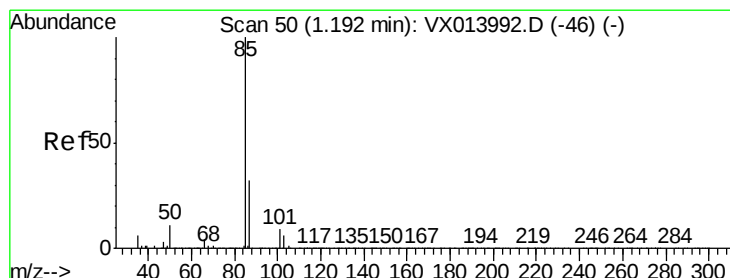
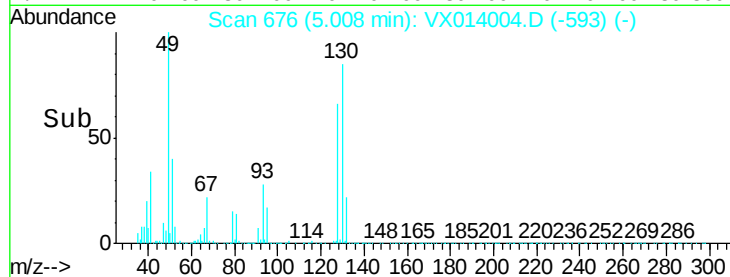
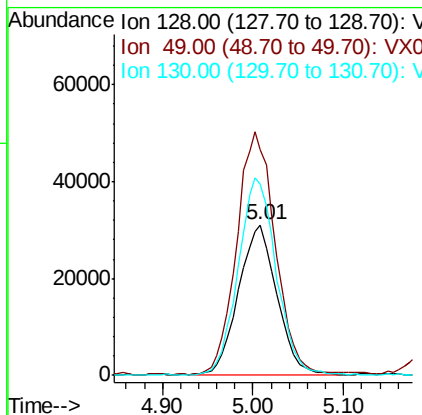
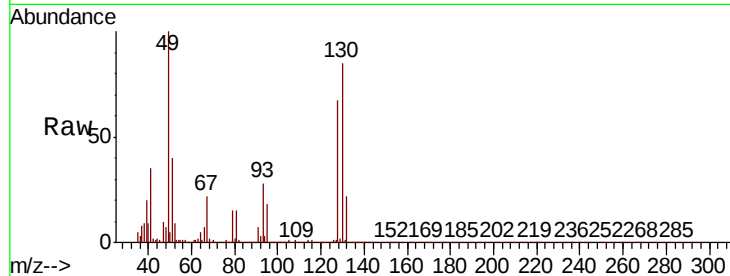
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	160.6	0.0	405.0
130	130.5	0.0	321.5

Manual Integrations
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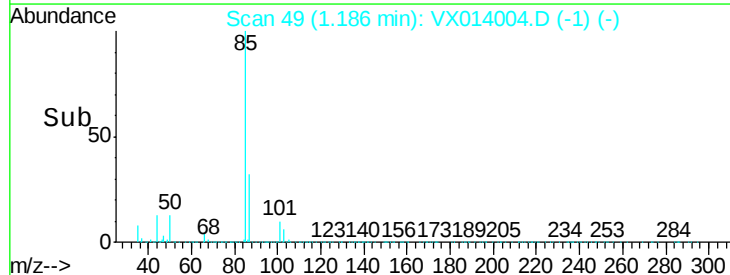
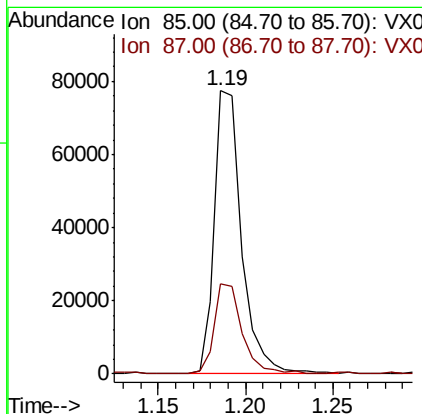
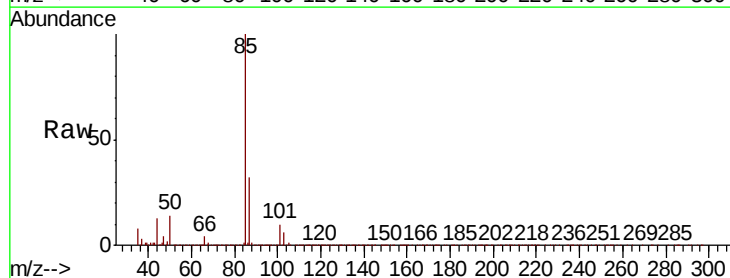
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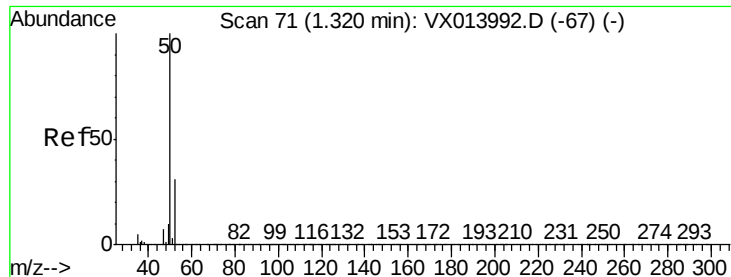


#2

Dichlorodifluoromethane
 Concen: 18.048 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. -0.01 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.3	48.9





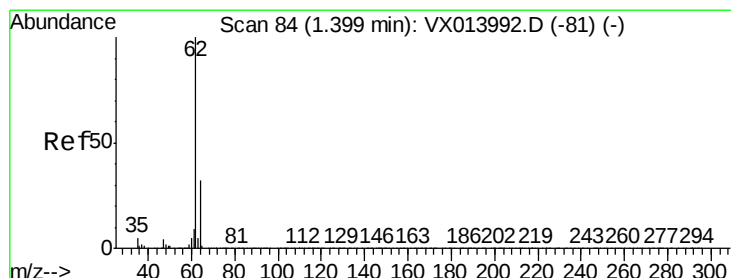
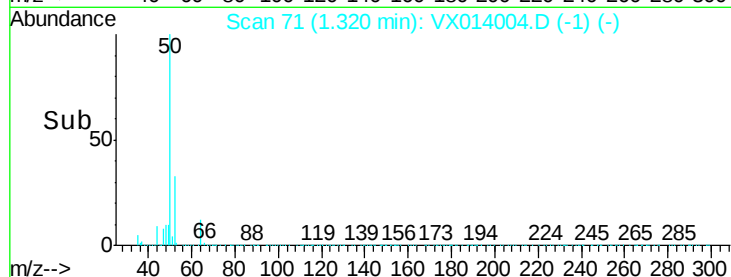
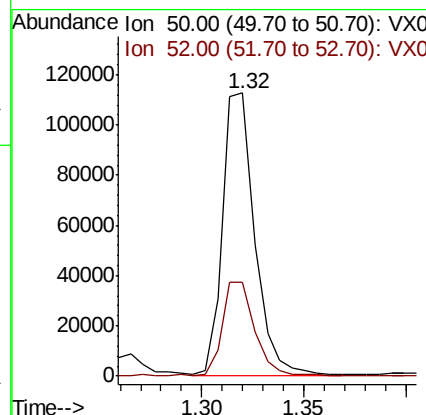
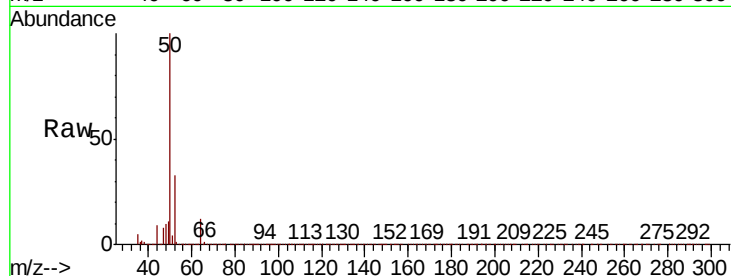
#3
Chloromethane
Concen: 18.911 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.4	24.3	36.5

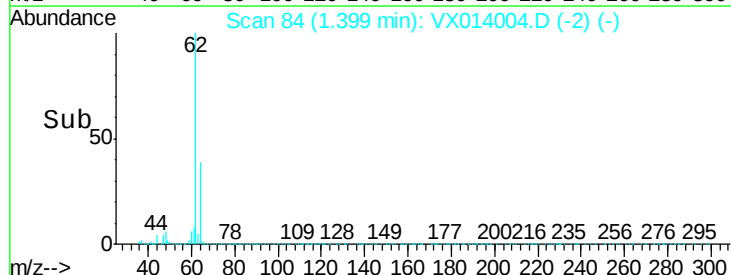
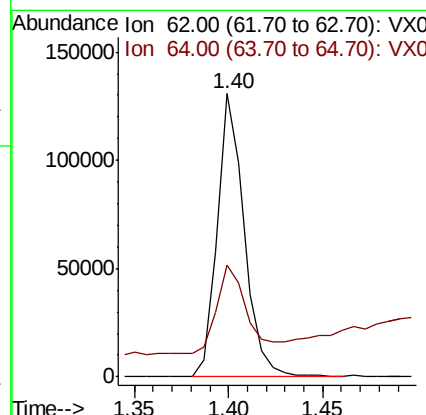
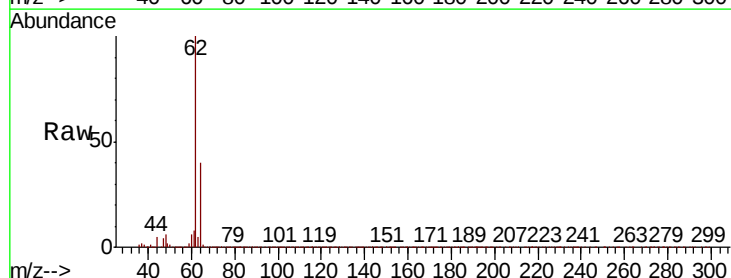
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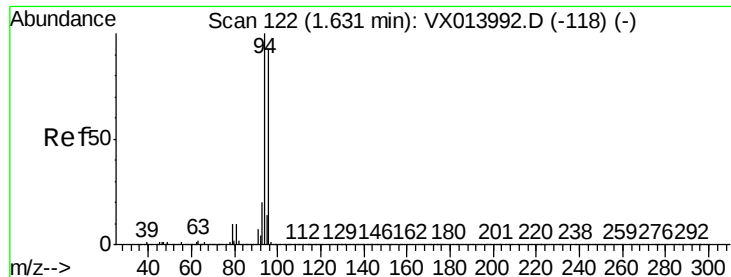
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#4
Vinyl Chloride
Concen: 19.387 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.2	37.8





#5

Bromomethane

Concen: 16.880 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 82309

Ion Ratio Lower Upper

94 100

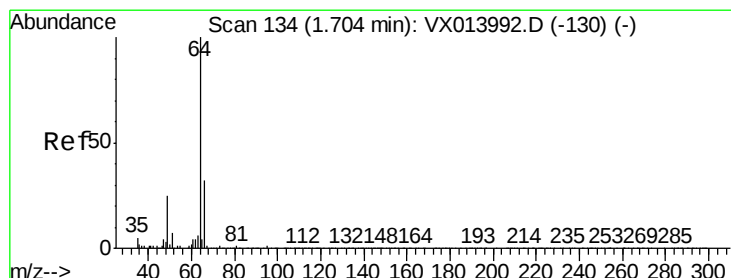
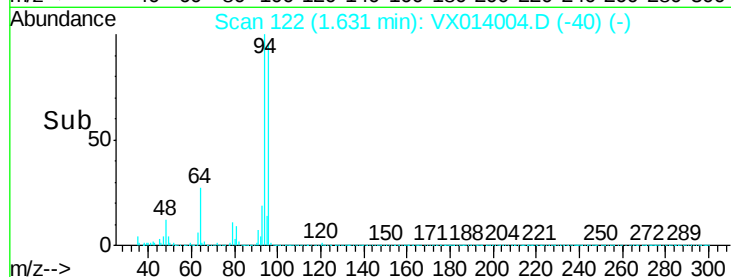
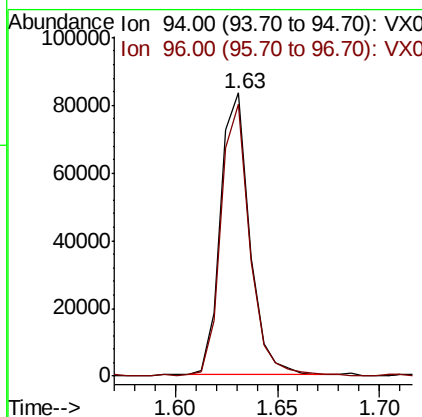
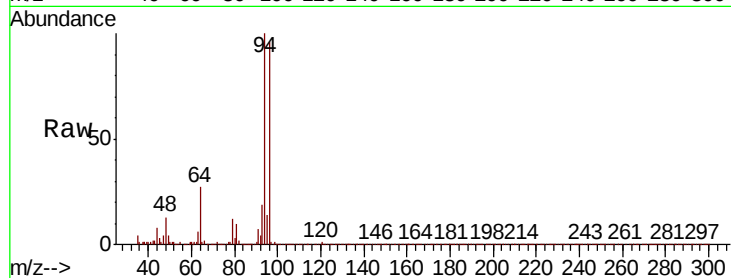
96 96.0 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 27.482 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX014004.D

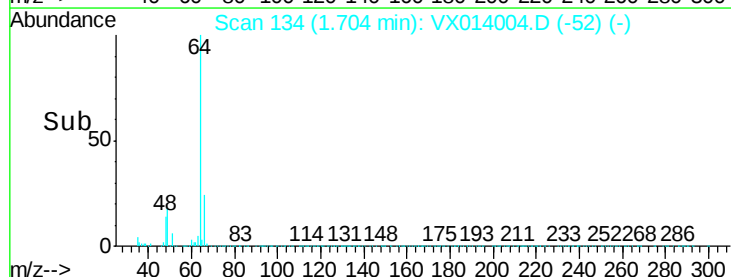
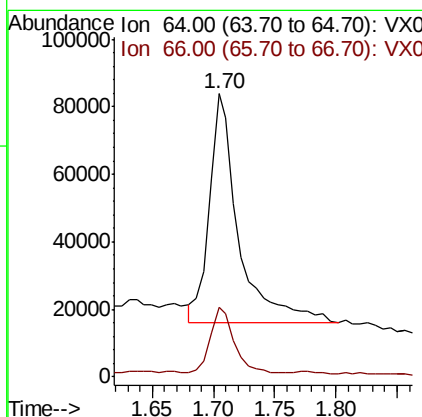
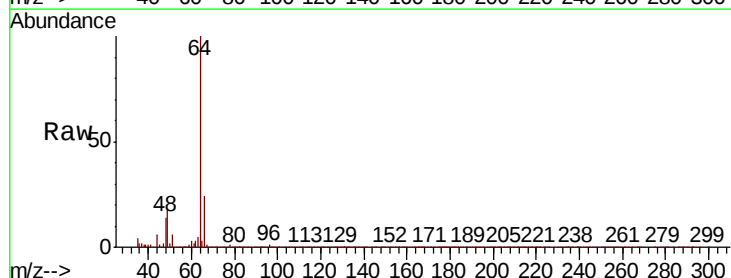
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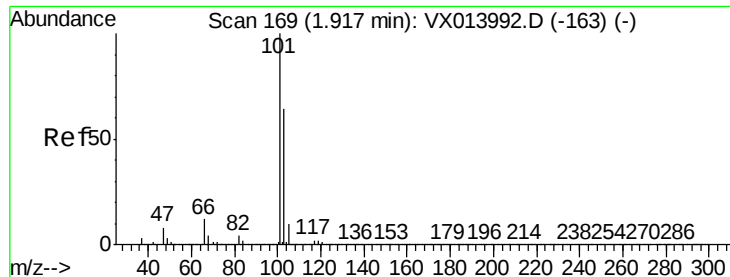
Tgt Ion: 64 Resp: 113231

Ion Ratio Lower Upper

64 100

66 28.7 25.2 37.8





#7

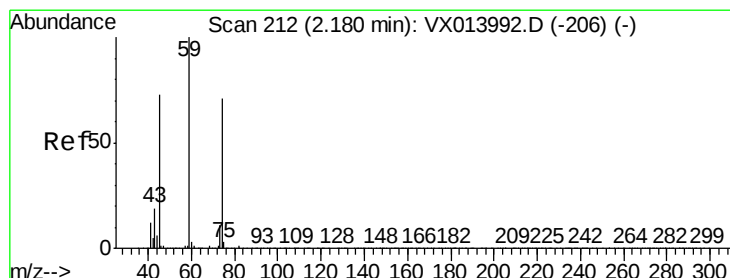
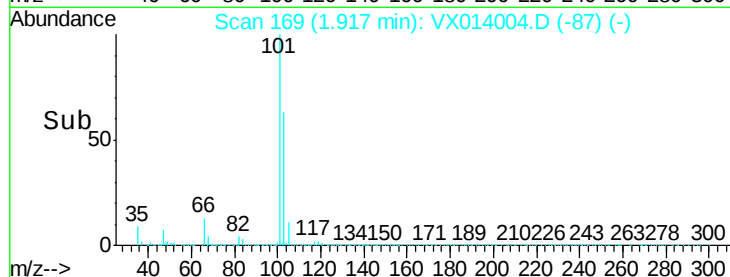
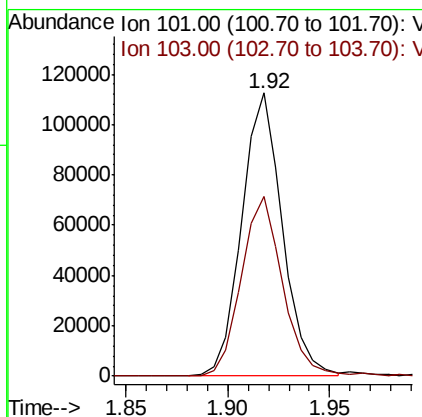
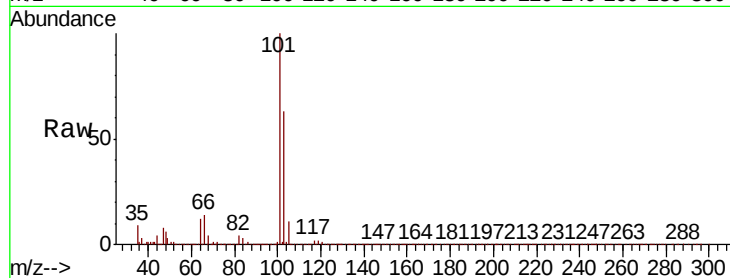
Trichlorofluoromethane
Concen: 18.616 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.6	77.4

Manual Integrations
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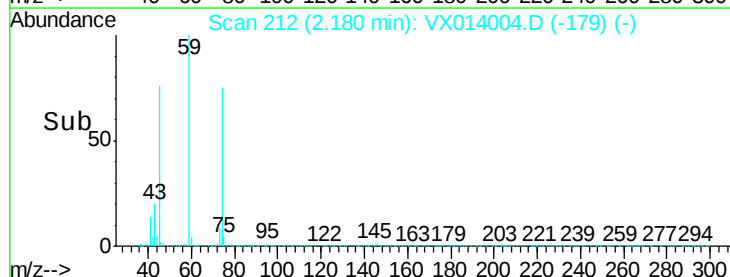
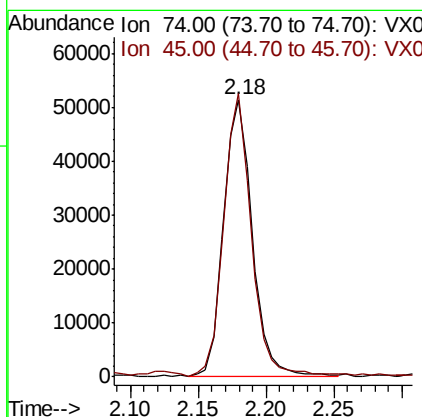
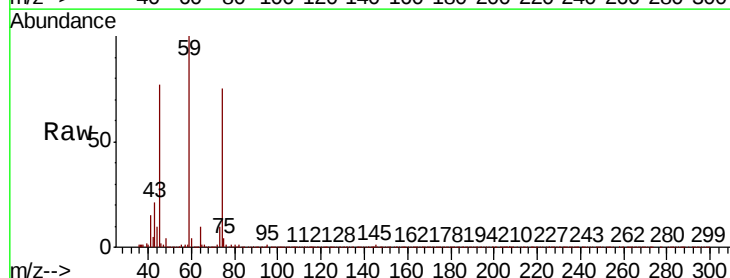
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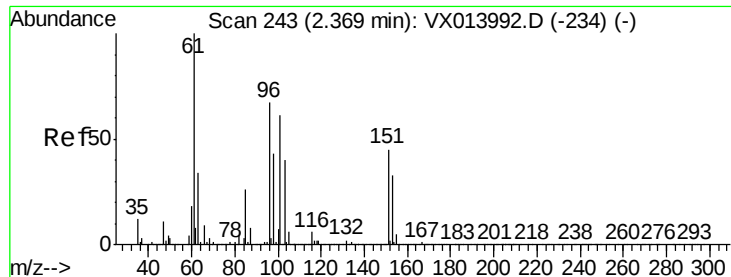


#8

Diethyl Ether
Concen: 19.812 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.133 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

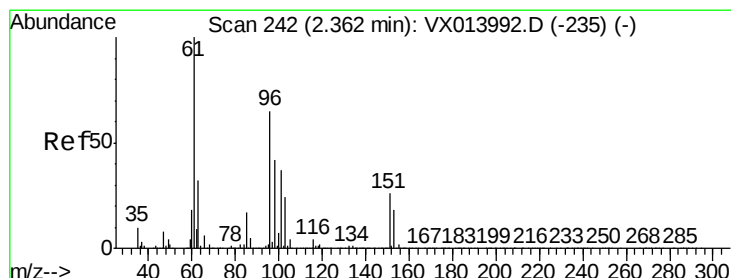
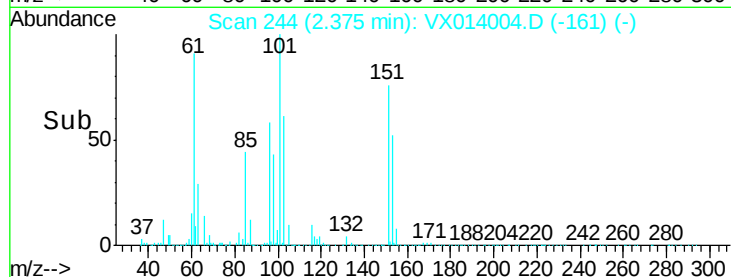
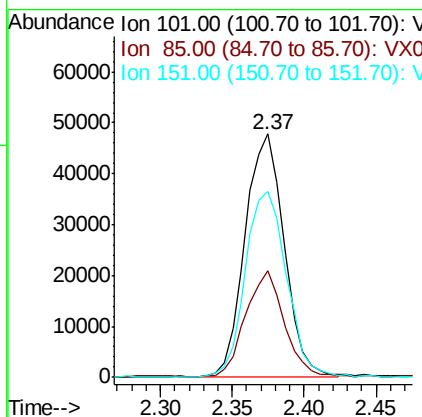
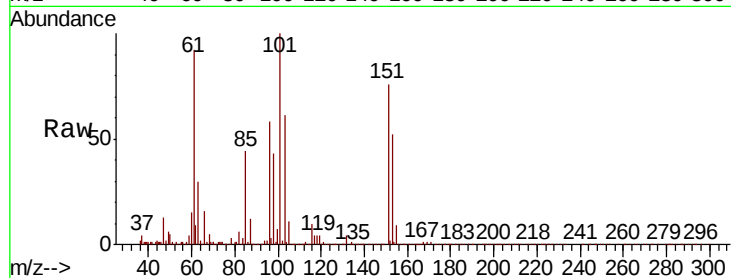
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	89763
Ion Ratio	Lower	Upper	
101	100		
85	42.8	0.0	85.6
151	80.6	0.0	159.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.755 ug/l

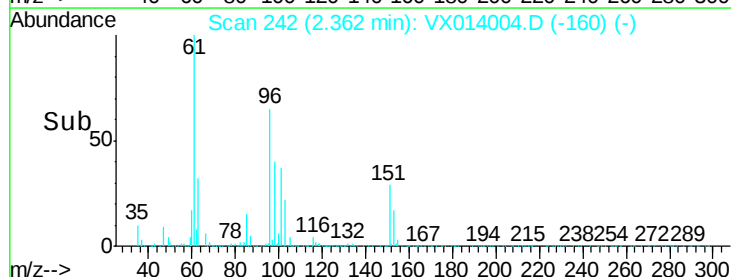
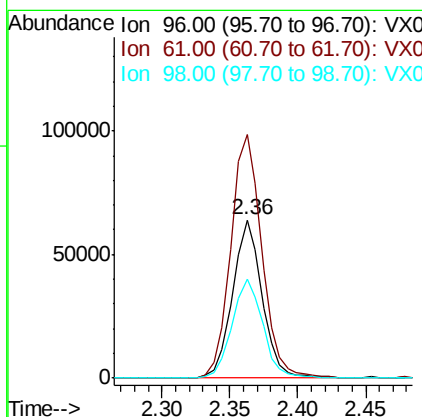
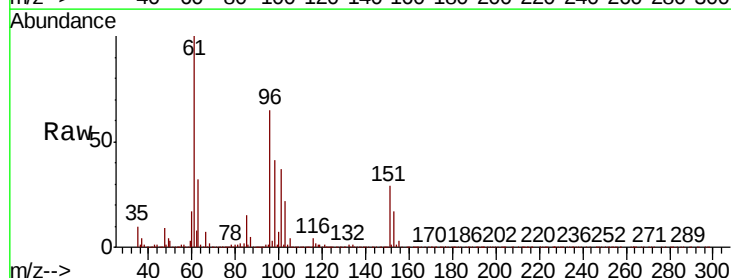
RT: 2.36 min Scan# 242

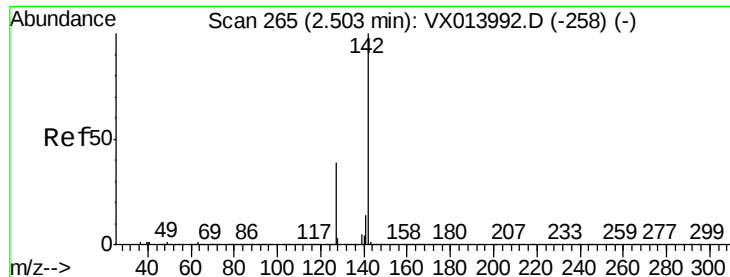
Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Tgt Ion:	96	Resp:	95987
Ion Ratio	Lower	Upper	
96	100		
61	154.3	123.0	184.6
98	62.6	51.4	77.0





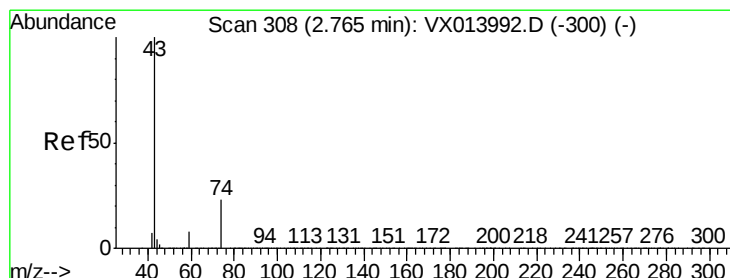
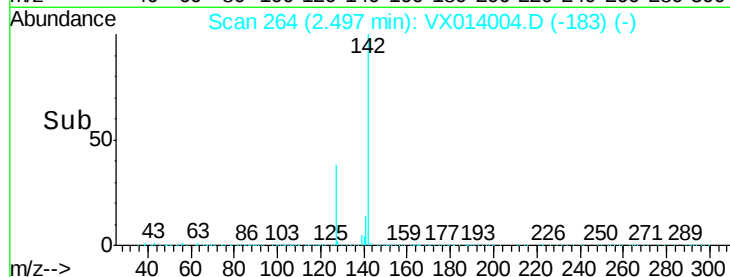
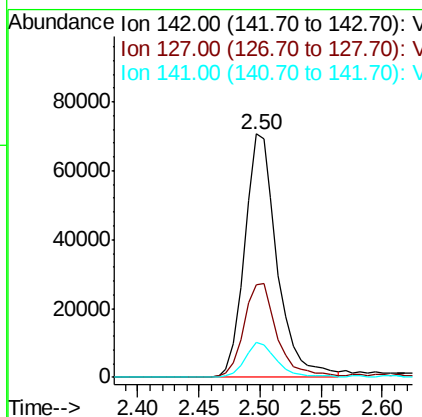
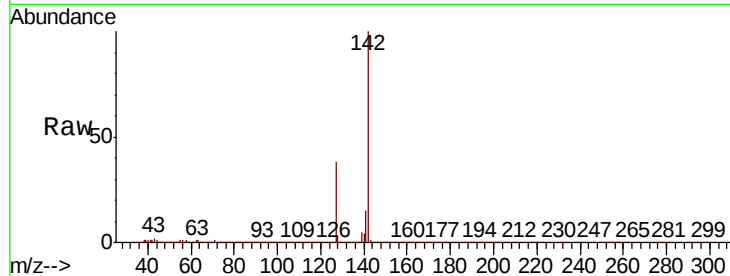
#11
Methvl Iodide
Concen: 19.825 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	37.7	19.5	58.5
141	14.5	7.0	20.9

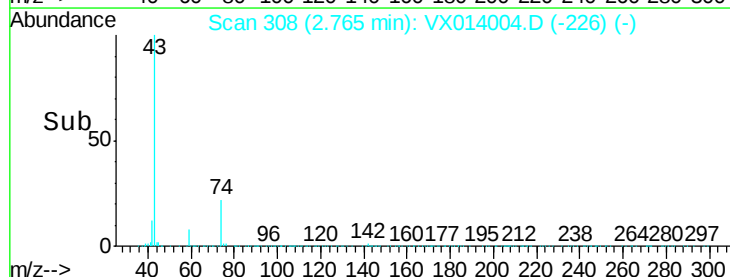
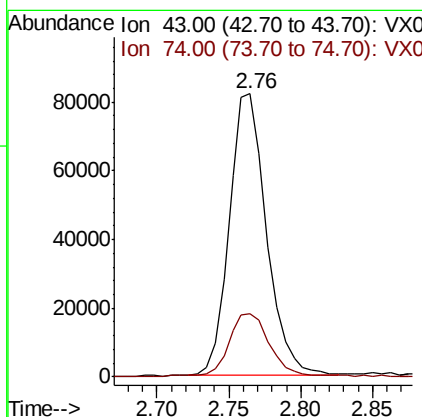
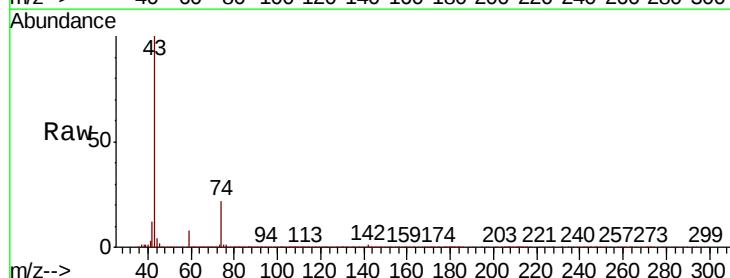
Manual Integrations
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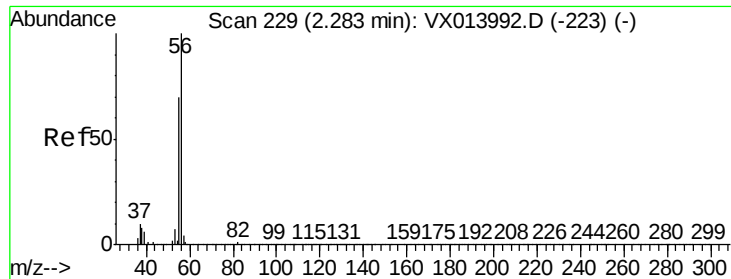
MMDadoda
12/13/2019 12:39:58 PM



#12
Methyl Acetate
Concen: 18.623 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	18.5	27.7





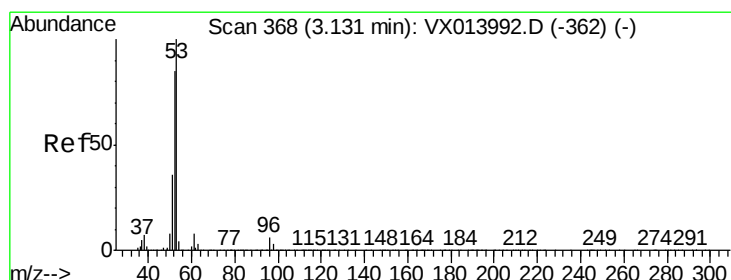
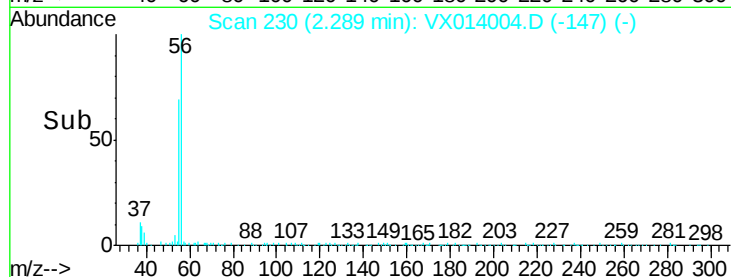
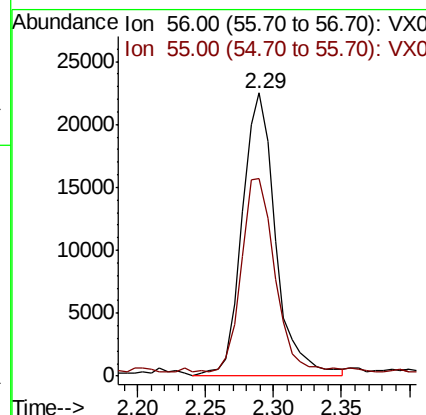
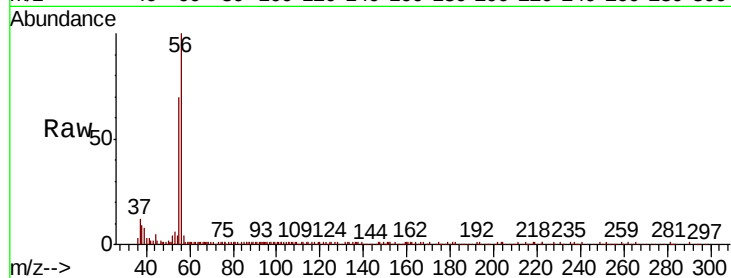
#13
Acrolein
Concen: 40.444 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	67.4	54.9	82.3

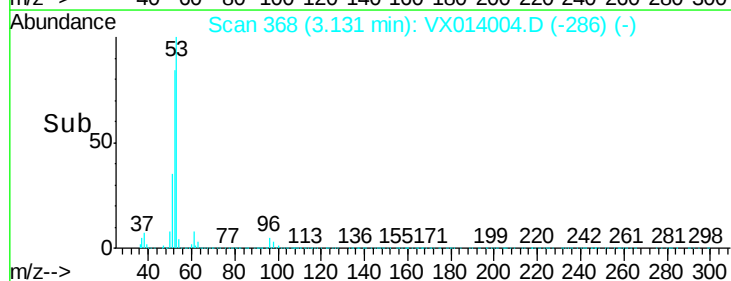
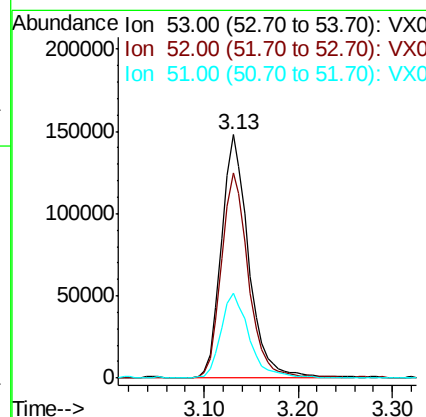
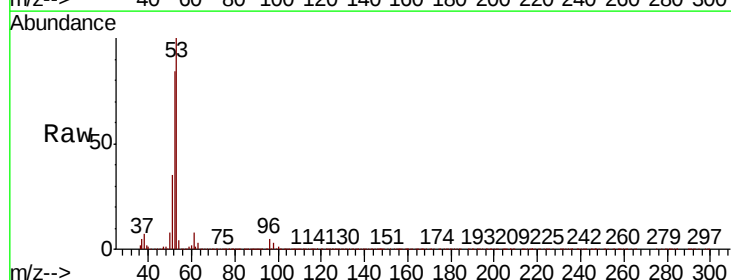
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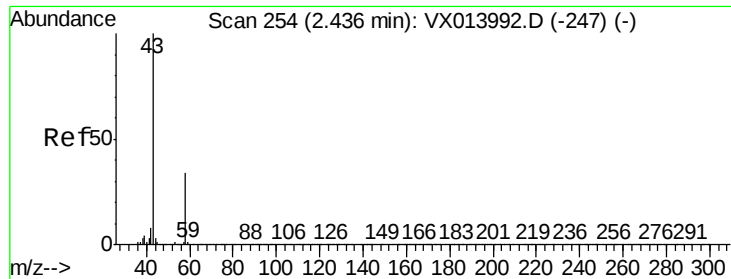
MMDadoda
12/13/2019 12:39:58 PM



#14
Acrylonitrile
Concen: 95.689 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ion	Ratio	Lower	Upper
53	53	100		
52	52	82.9	41.5	124.6
51	51	35.8	17.8	53.5





#15

Acetone

Concen: 90.426 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 82276

Ion Ratio Lower Upper

58 100

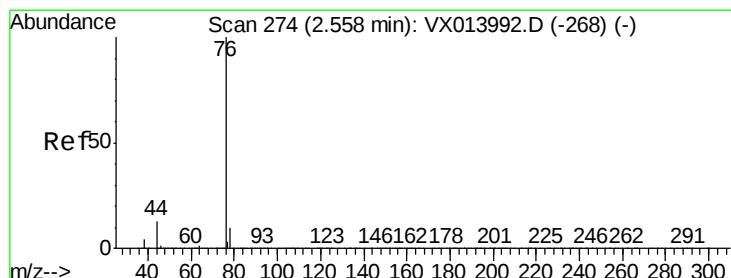
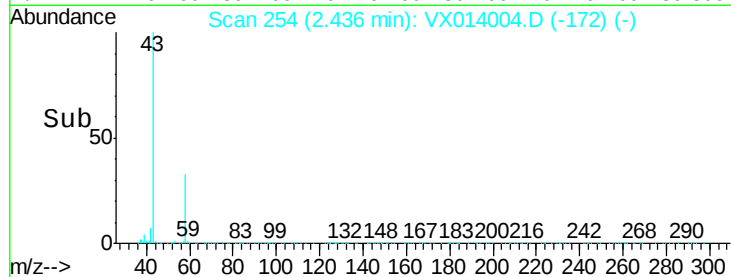
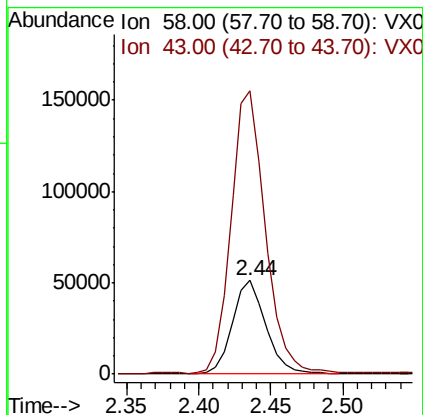
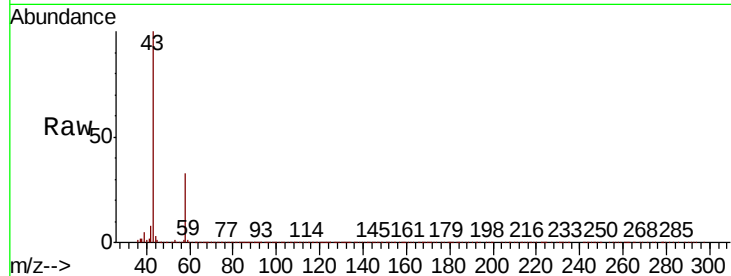
43 302.7 236.3 354.5

Manual Integrations

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#16

Carbon Disulfide

Concen: 19.415 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX014004.D

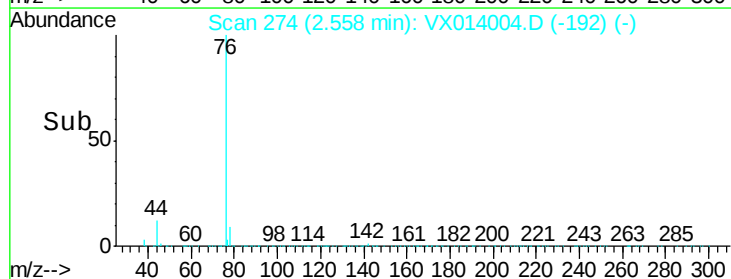
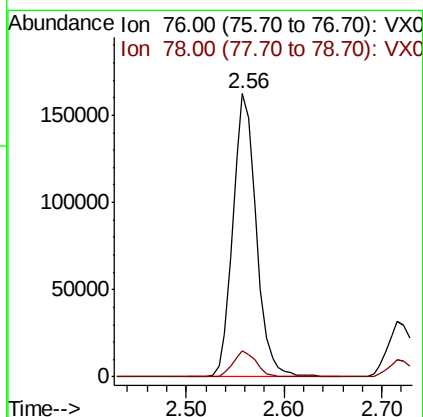
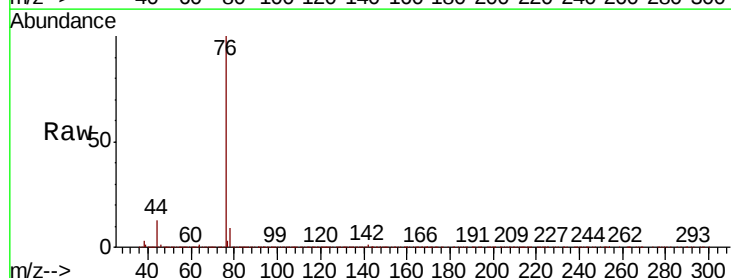
Acq: 13 Dec 2019 05:03

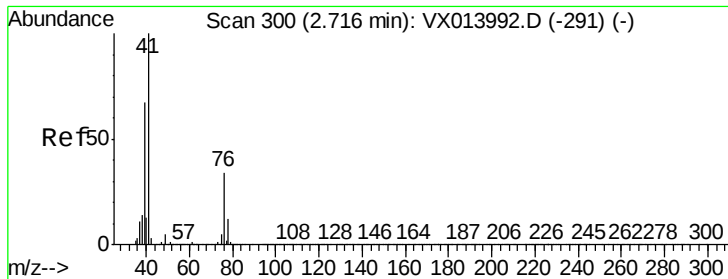
Tgt Ion: 76 Resp: 269178

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.8





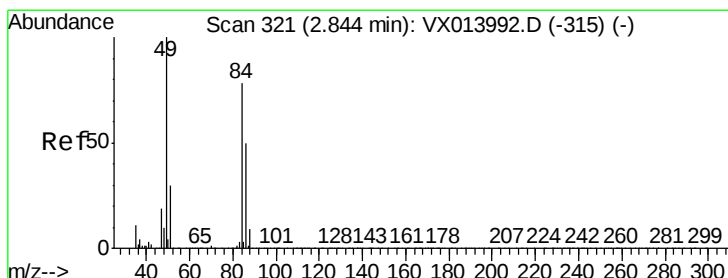
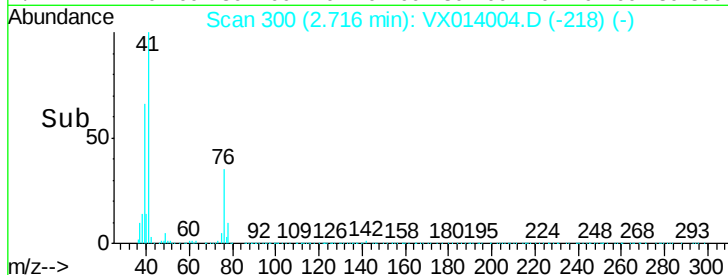
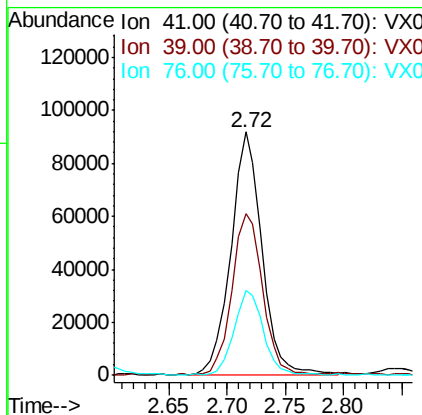
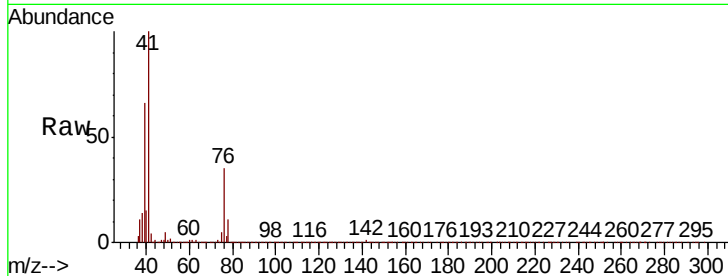
#17
Allvl chloride
Concen: 18.302 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.7	33.4	100.2
76	34.7	17.0	50.9

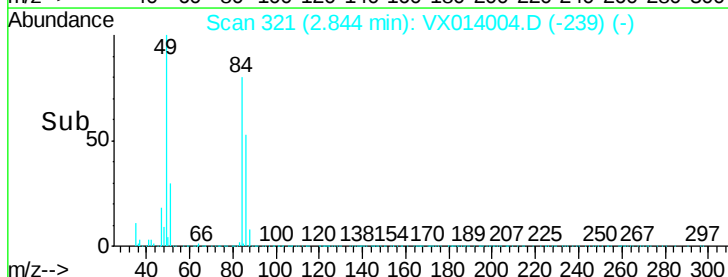
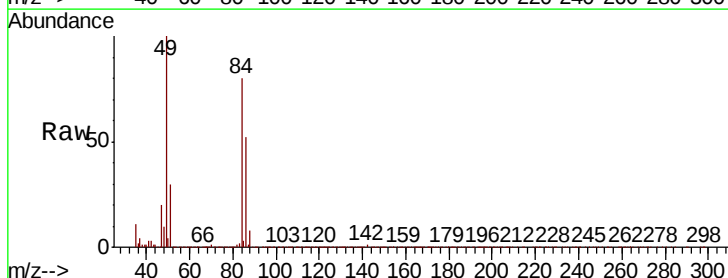
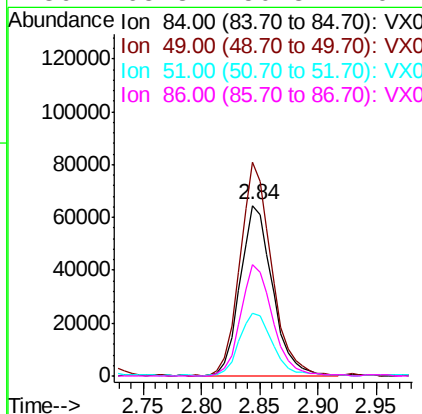
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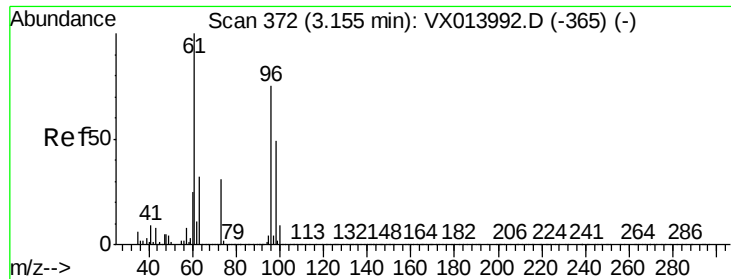
MMDadoda
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#18
Methylene Chloride
Concen: 19.941 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.6	102.2	153.2
51	36.6	31.4	47.0
86	65.3	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 19.014 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

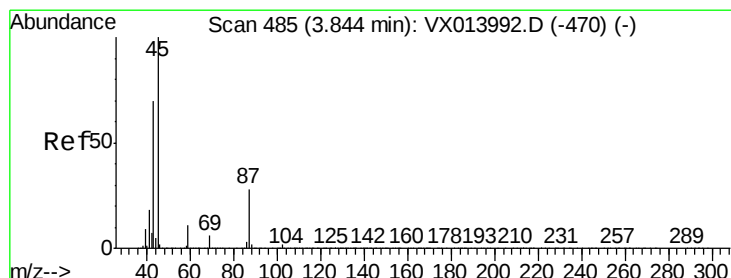
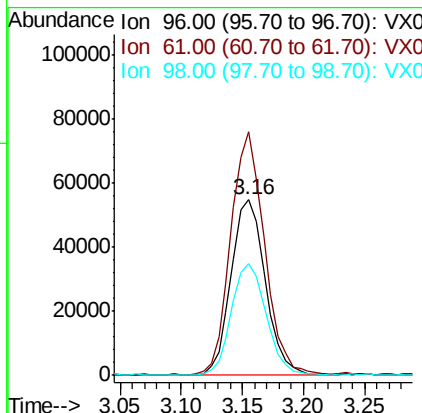
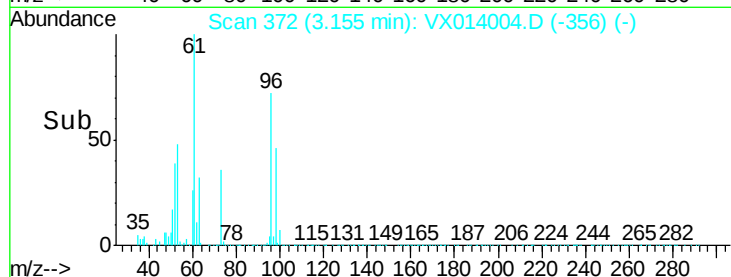
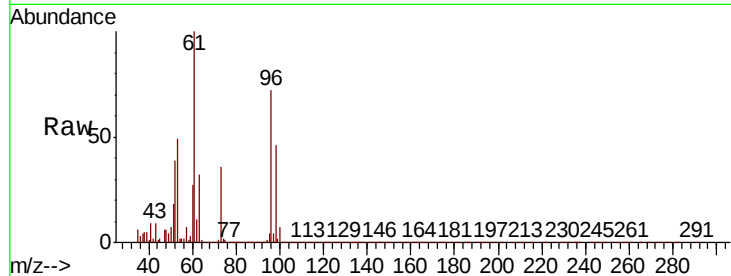
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	106562
Ion	Ratio	Lower	Upper
96	100		
61	138.9	106.6	159.8
98	63.5	51.6	77.4

Manual Integrations
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#20

Diisopropyl ether

Concen: 19.503 ug/l

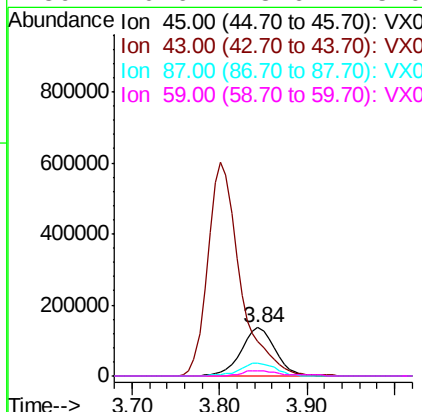
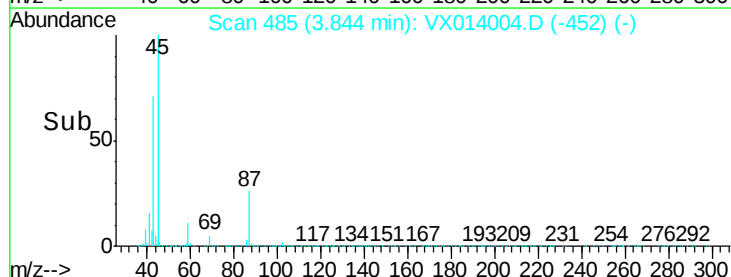
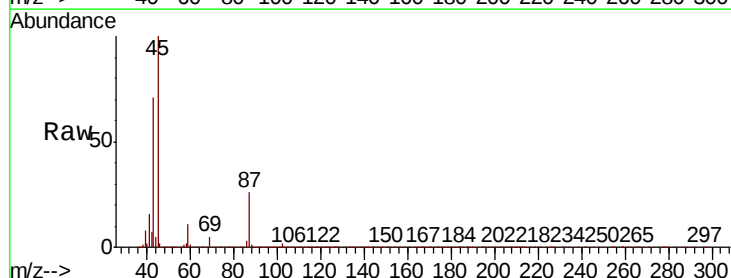
RT: 3.84 min Scan# 485

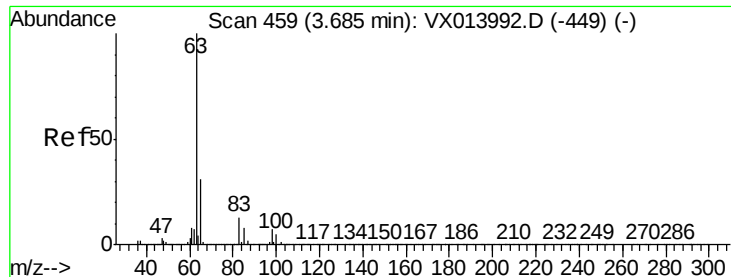
Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Tgt Ion:	45	Resp:	368034
Ion	Ratio	Lower	Upper
45	100		
43	69.7	55.9	83.9
87	25.5	22.2	33.2
59	10.6	8.6	13.0





#21

1,1-Dichloroethane

Concen: 19.109 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

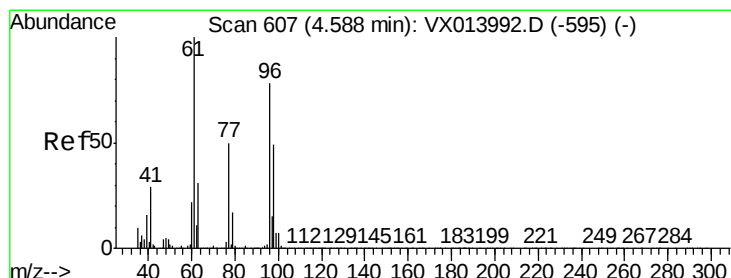
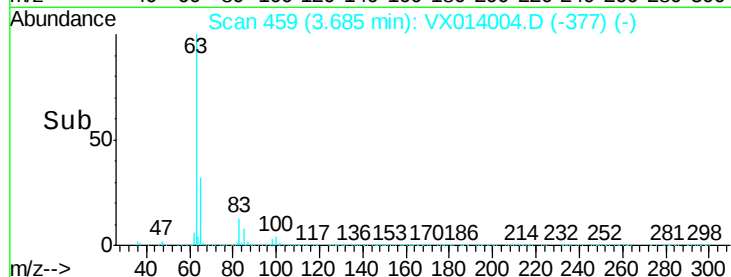
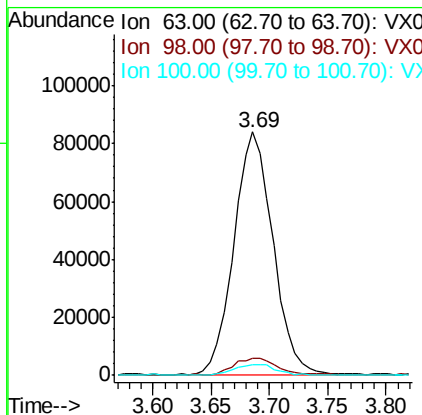
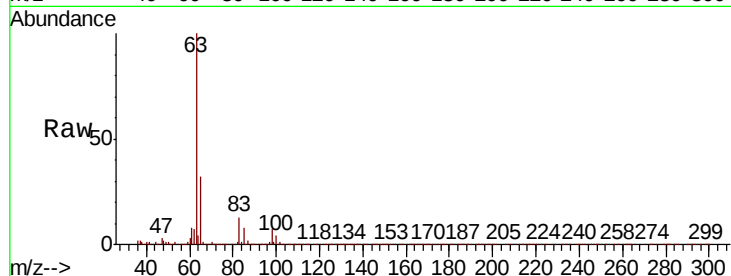
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	195705
Ion Ratio		Lower	Upper
63	100		
98	7.0	3.4	10.1
100	4.2	2.5	7.4

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#22

cis-1,2-Dichloroethene

Concen: 18.850 ug/l

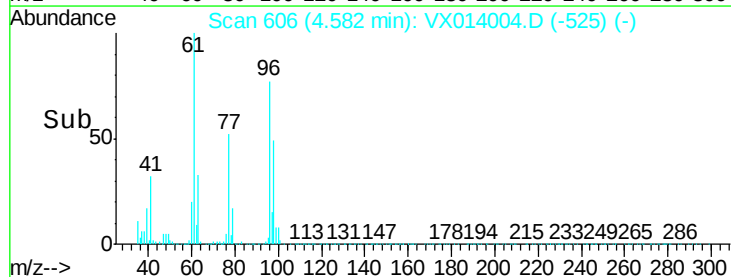
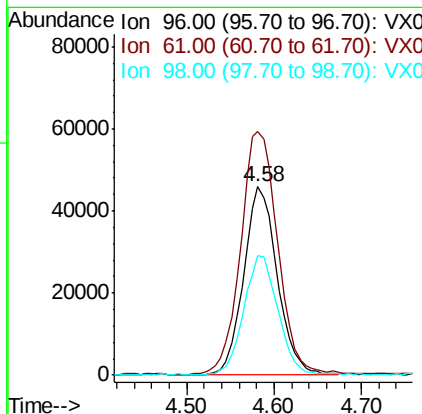
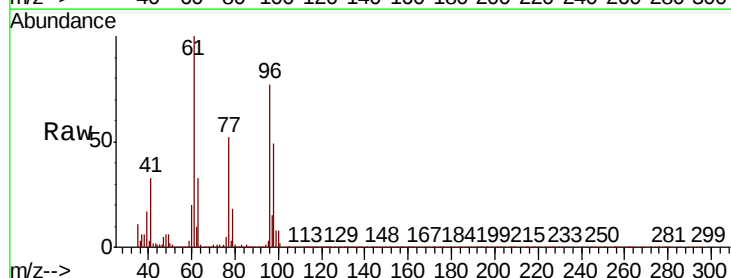
RT: 4.58 min Scan# 606

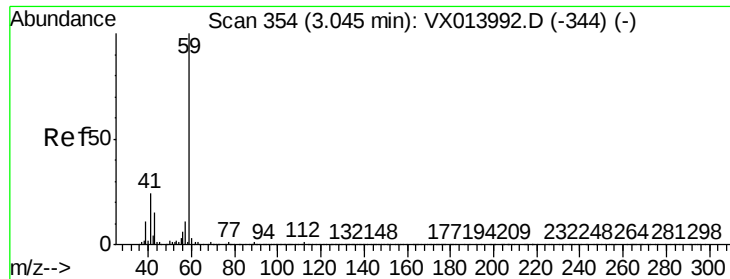
Delta R.T. -0.01 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Tgt Ion:	96	Resp:	122467
Ion Ratio		Lower	Upper
96	100		
61	144.4	112.4	168.6
98	64.9	50.3	75.5





#23

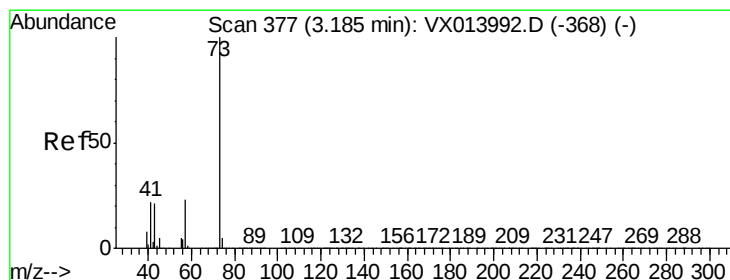
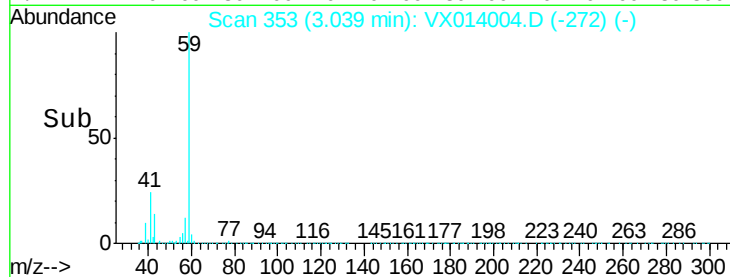
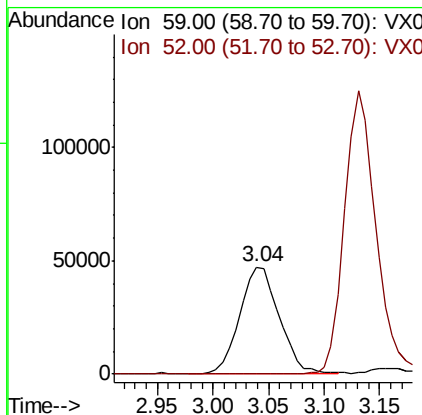
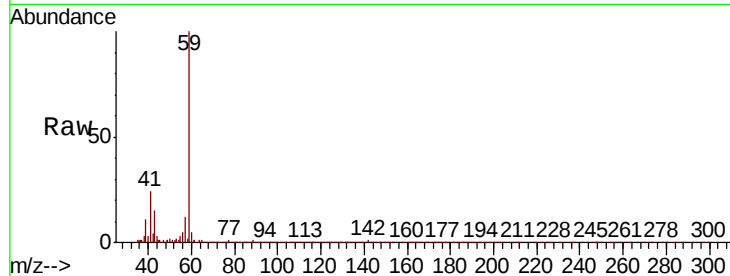
tert-Butyl Alcohol
Concen: 96.614 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.01 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

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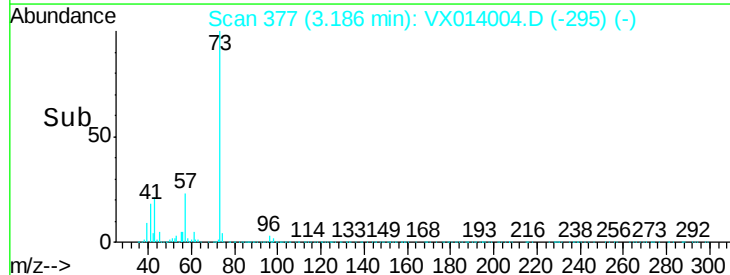
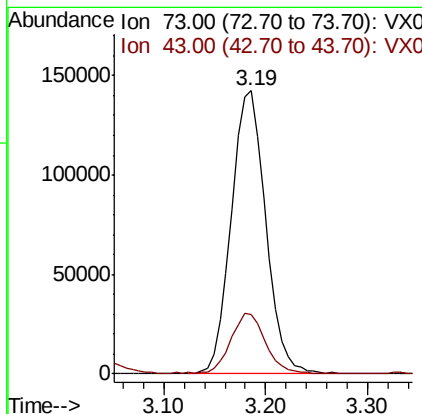
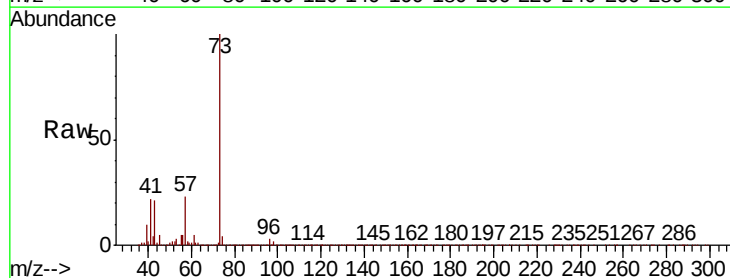
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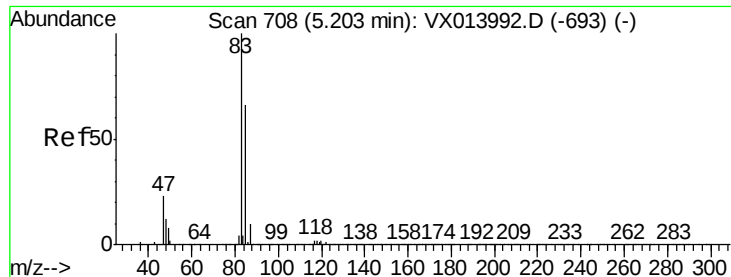


#24

Methyl tert-Butyl Ether
Concen: 19.327 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.4	16.6	25.0





#25

Chloroform

Concen: 19.280 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 188250

Ion Ratio Lower Upper

83 100

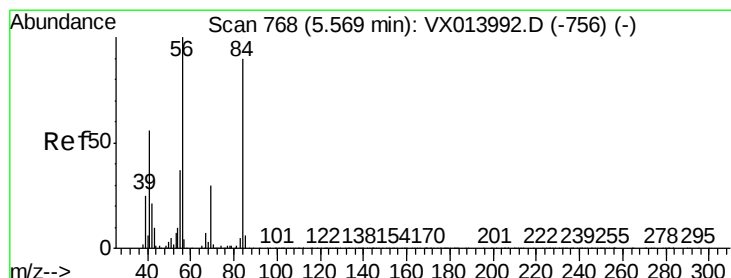
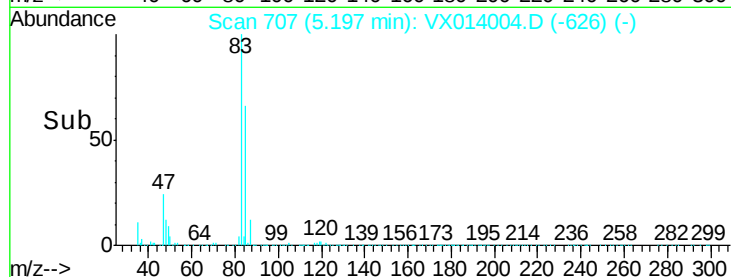
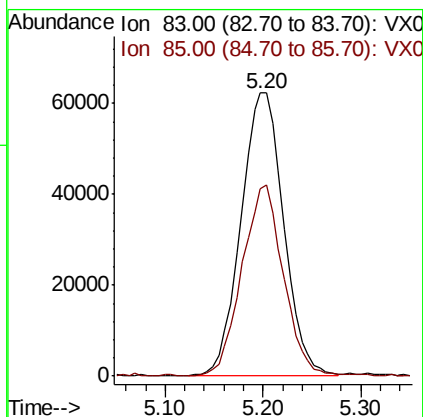
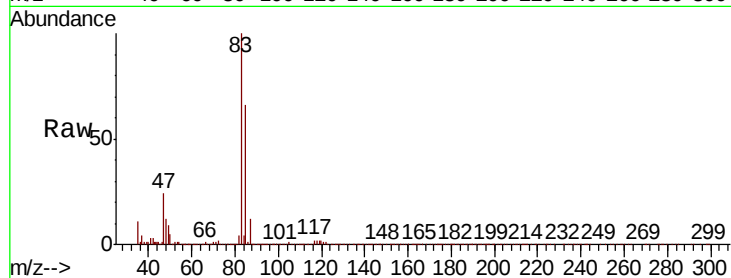
85 65.9 52.7 79.1

Manual Integrations

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#26

Cyclohexane

Concen: 18.406 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

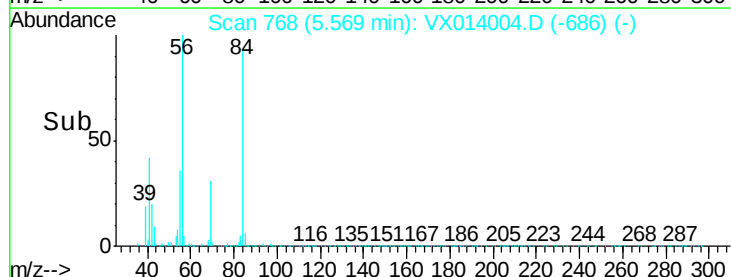
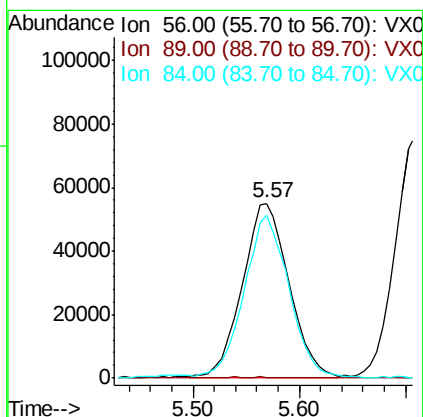
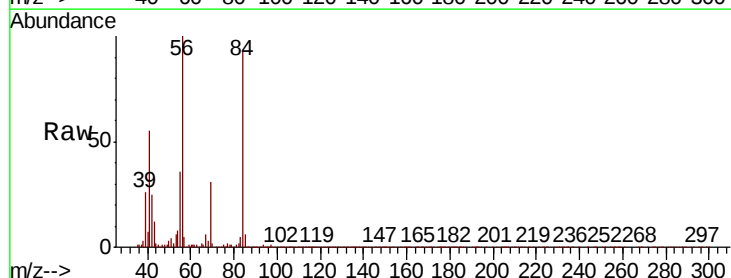
Tgt Ion: 56 Resp: 168090

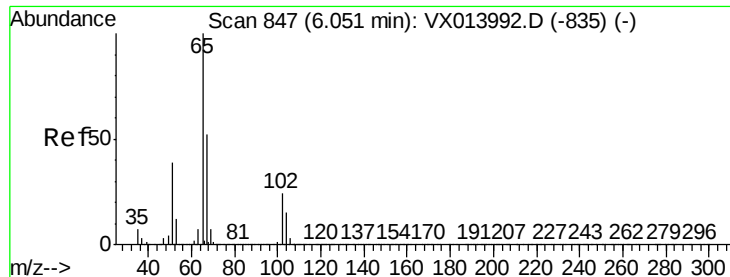
Ion Ratio Lower Upper

56 100

89 0.2 0.1 0.1#

84 89.7 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.530 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 193288

Ion Ratio Lower Upper

65 100

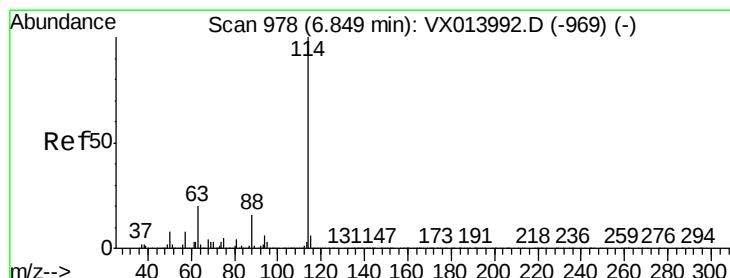
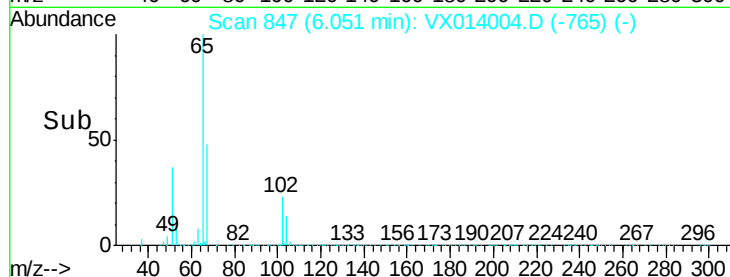
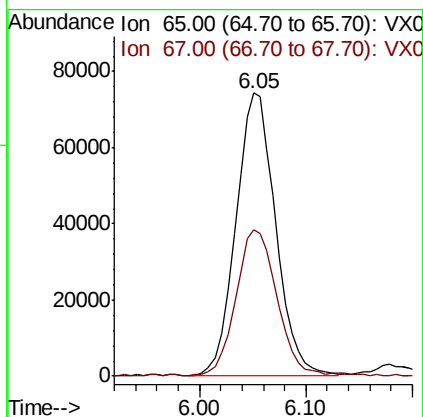
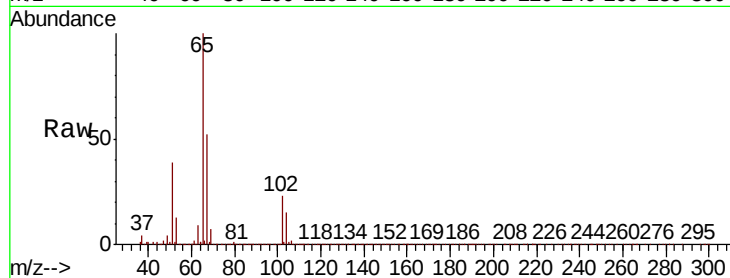
67 52.9 43.1 64.7

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

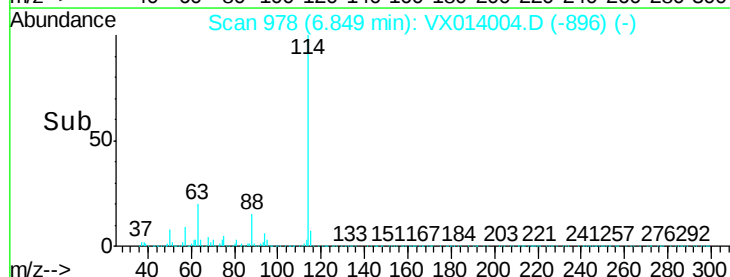
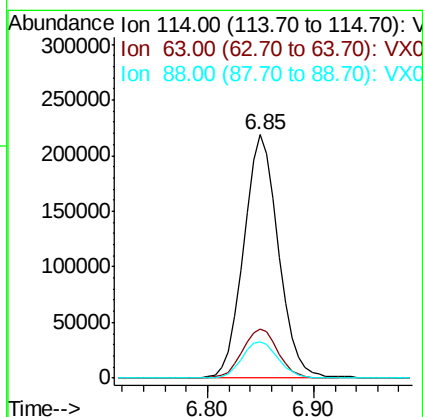
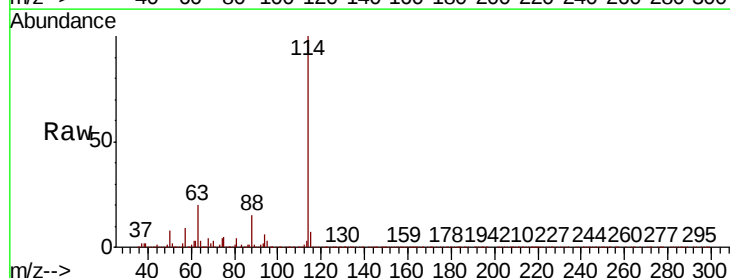
Tgt Ion: 114 Resp: 500983

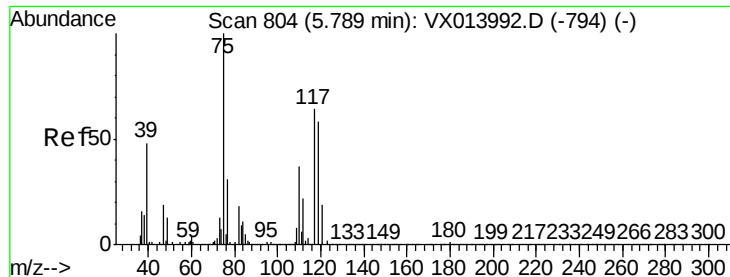
Ion Ratio Lower Upper

114 100

63 20.4 16.1 24.1

88 15.6 12.5 18.7





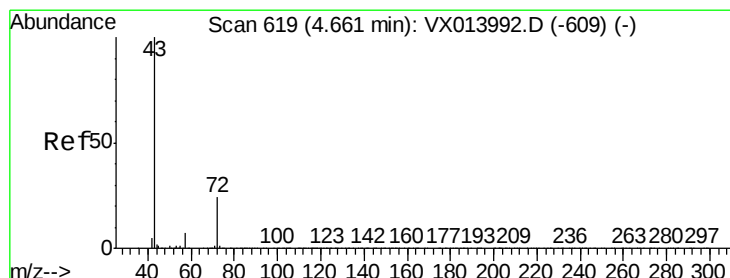
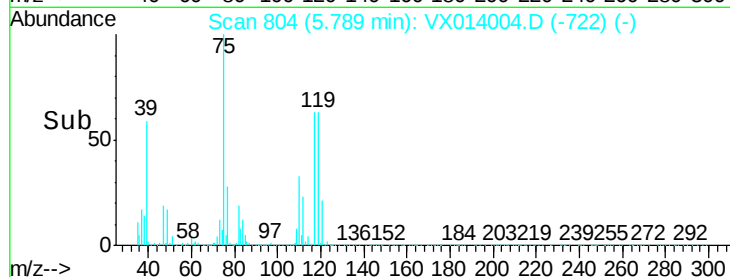
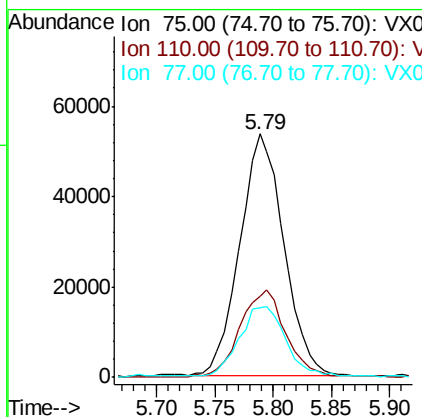
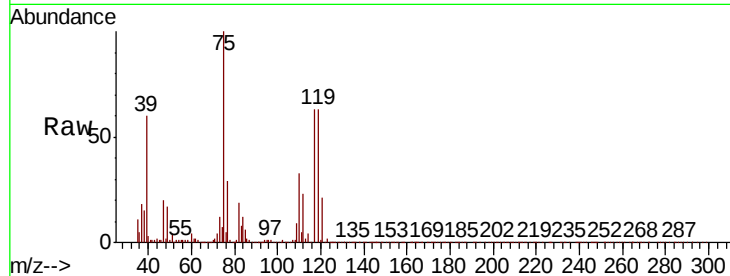
#29
 1,1-Dichloropropene
 Concen: 19.582 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.9	0.0	73.8
77	30.5	0.0	62.4

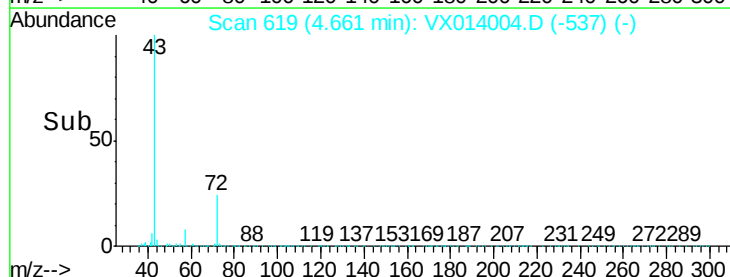
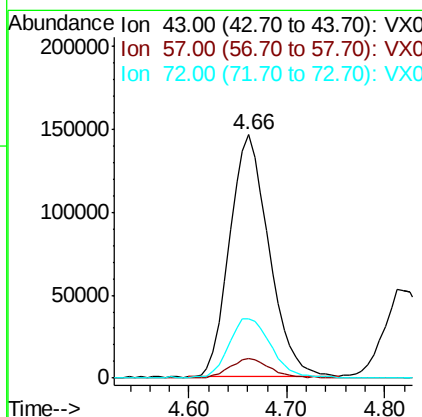
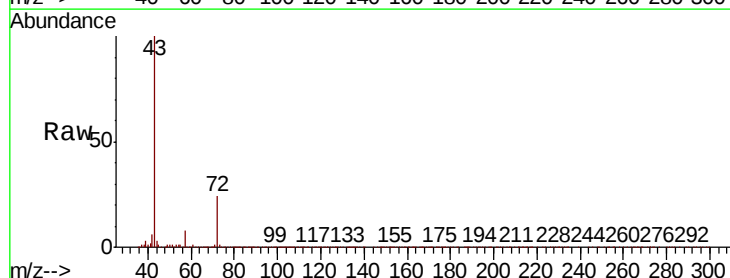
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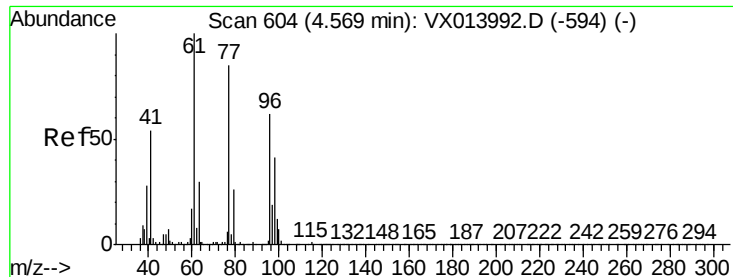
MMDadoda
 12/13/2019 12:39:58 PM



#30
 2-Butanone
 Concen: 96.191 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.2	9.2
72	25.9	20.3	30.5





#31

2,2-Dichloropropane

Concen: 16.368 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 109563

Ion Ratio Lower Upper

77 100

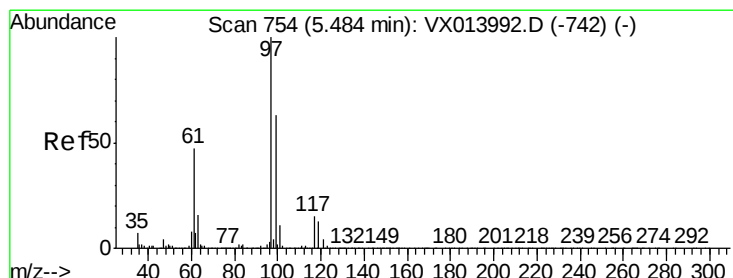
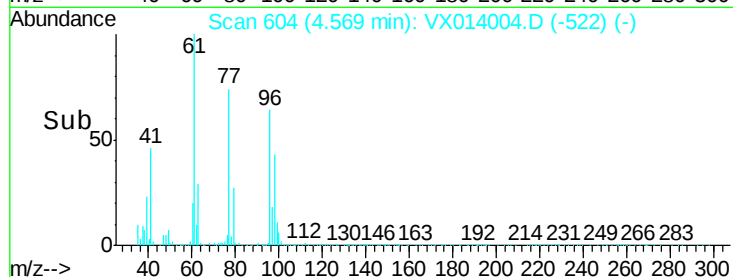
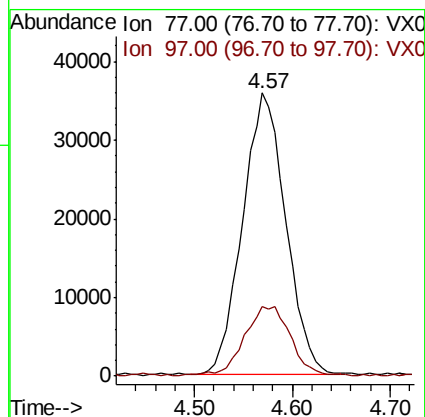
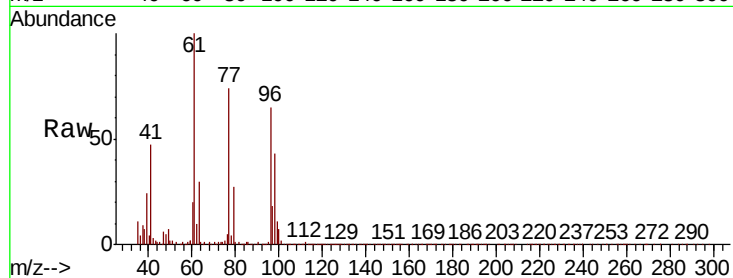
97 25.1 19.7 29.5

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.543 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

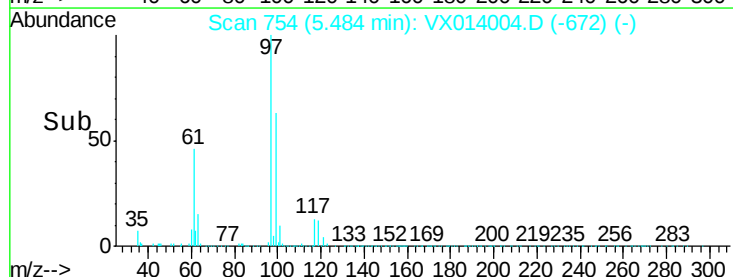
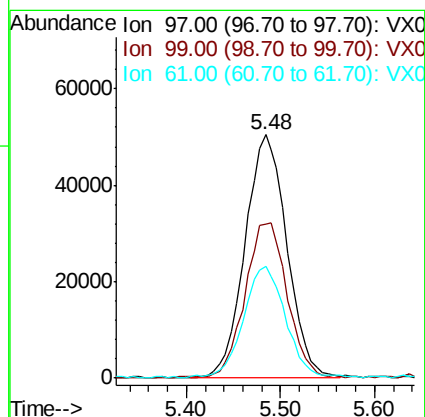
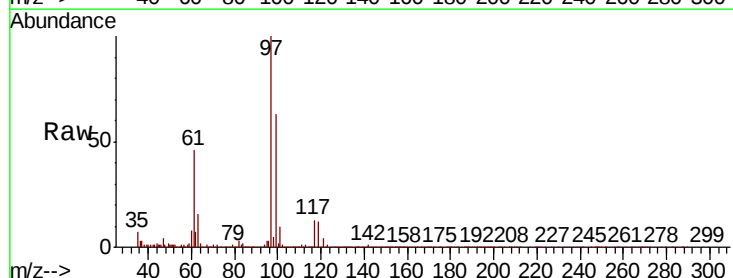
Tgt Ion: 97 Resp: 156427

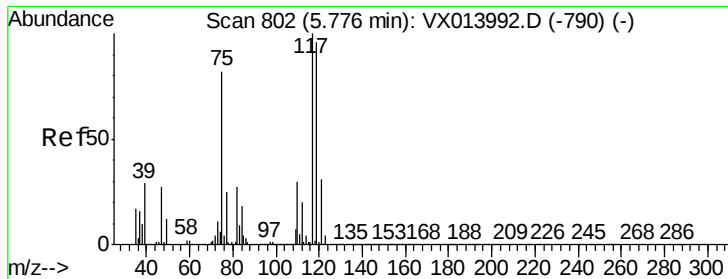
Ion Ratio Lower Upper

97 100

99 64.0 51.9 77.9

61 45.5 36.8 55.2





#33

Carbon Tetrachloride

Concen: 19.207 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

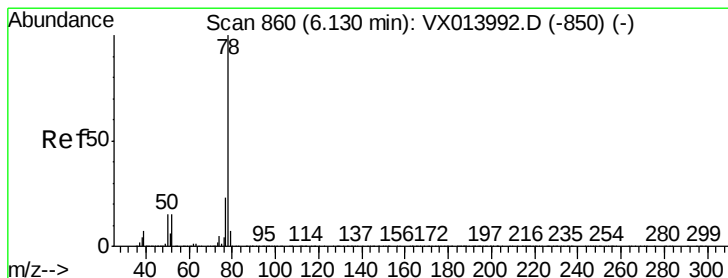
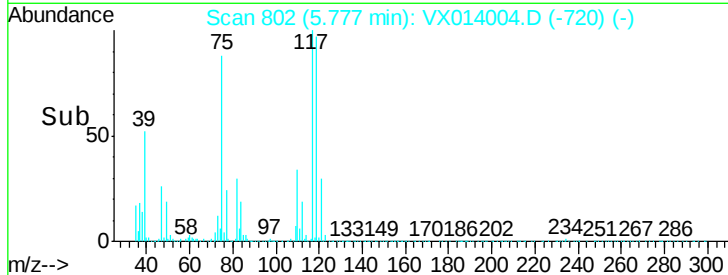
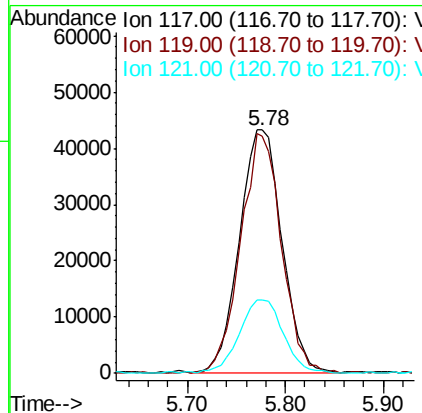
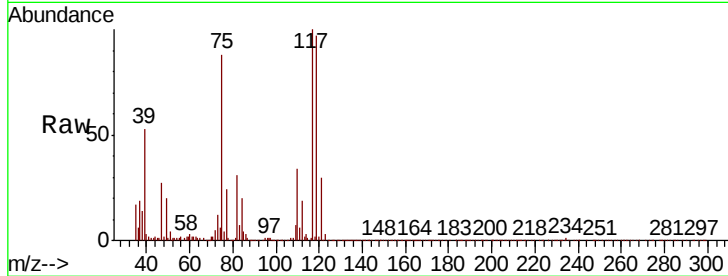
ClientSampleId :

VSTDCCC020EC

Tot Ion:	117	Resp:	130689
Ion Ratio	Lower	Upper	
117	100		
119	97.2	77.2	115.8
121	29.8	24.8	37.2

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#34

Benzene

Concen: 19.881 ug/l

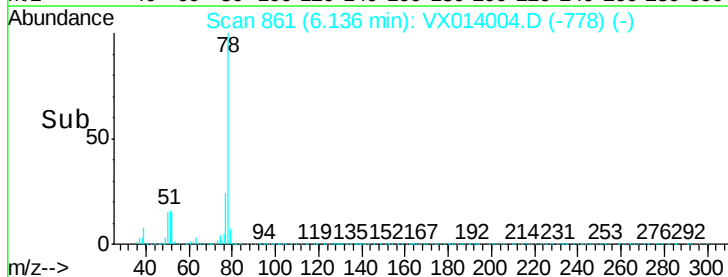
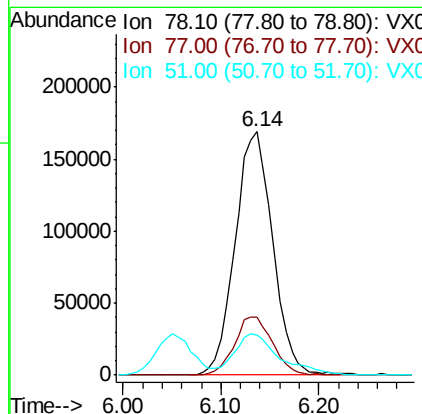
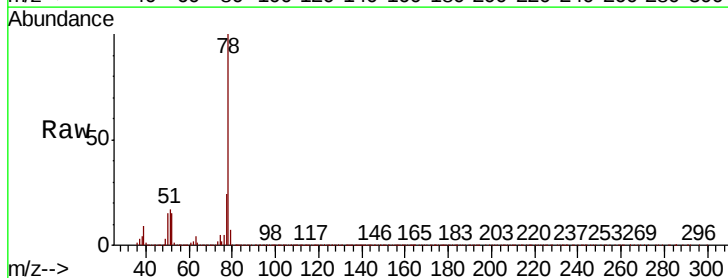
RT: 6.14 min Scan# 861

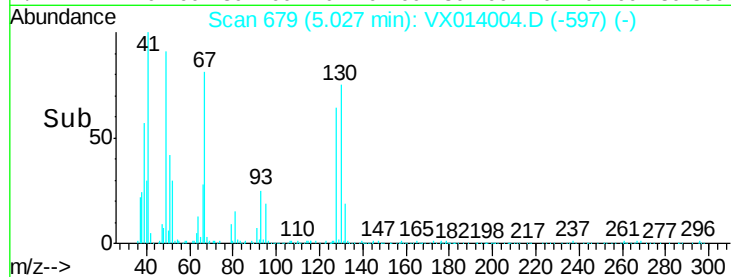
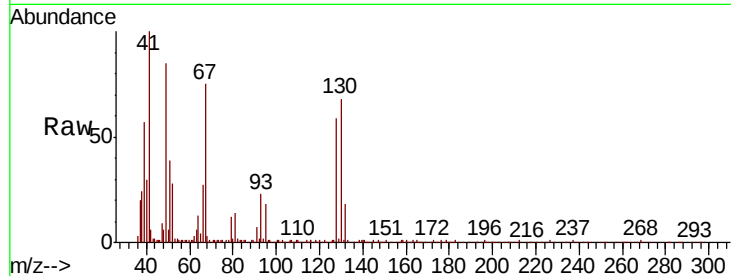
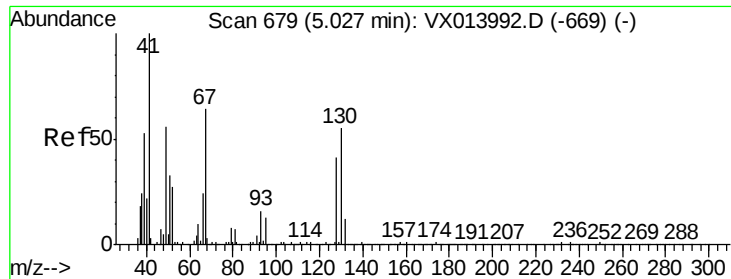
Delta R.T. 0.01 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

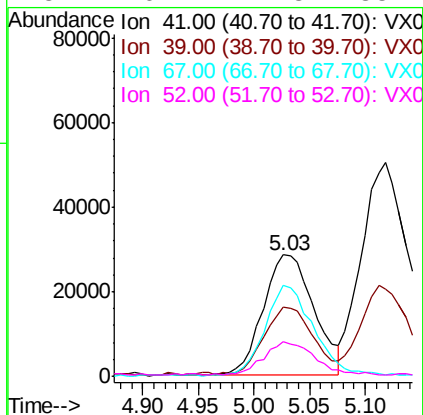
Tgt Ion:	78	Resp:	448593
Ion Ratio	Lower	Upper	
78	100		
77	23.8	18.2	27.2
51	16.1	12.4	18.6





#35
Methacrylonitrile
Concen: 19.883 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

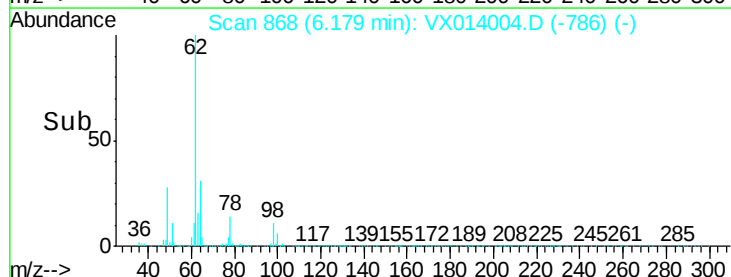
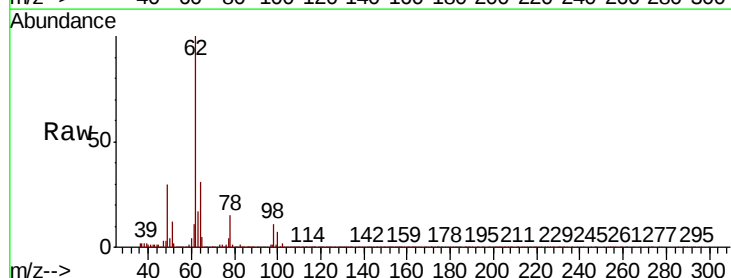
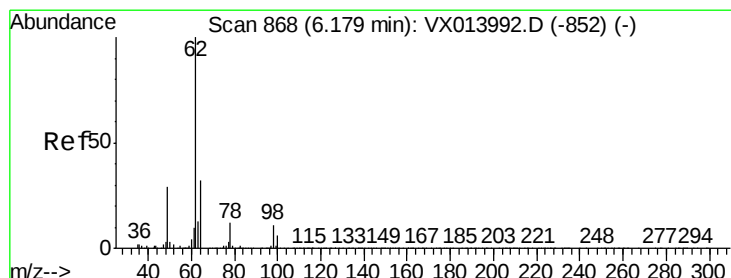
Tot Ion	Ion	Ratio	Lower	Upper
91212	41	100		
	39	55.2	26.7	80.1
	67	74.2	31.5	94.5
	52	26.4	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

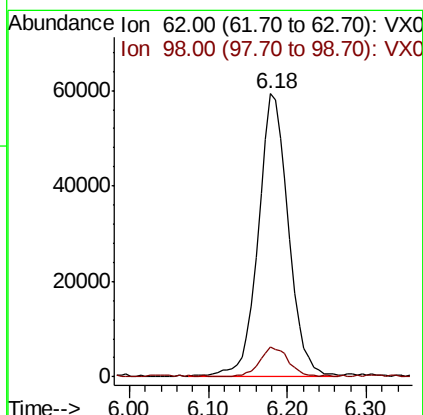
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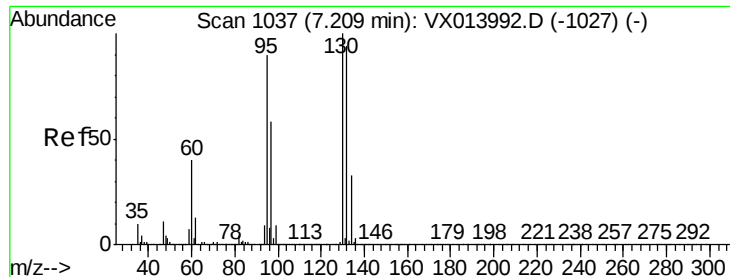
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#36
1,2-Dichloroethane
Concen: 19.983 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ion	Ratio	Lower	Upper
156626	62	100		
	98	10.0	8.4	12.6





#37

Trichloroethene

Concen: 18.596 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 114175

Ion Ratio Lower Upper

130 100

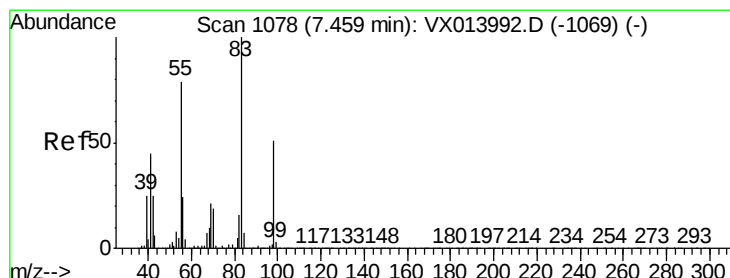
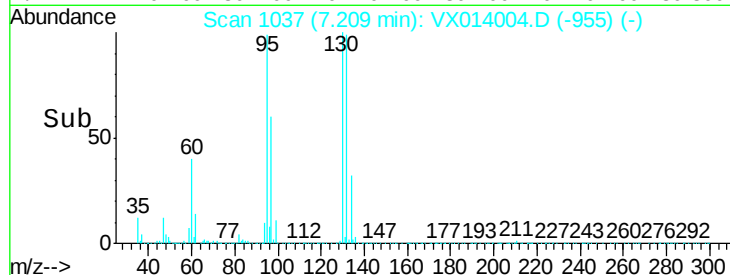
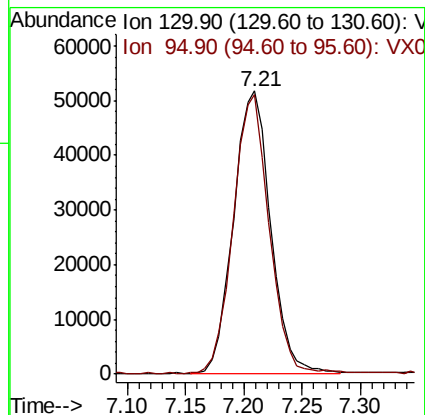
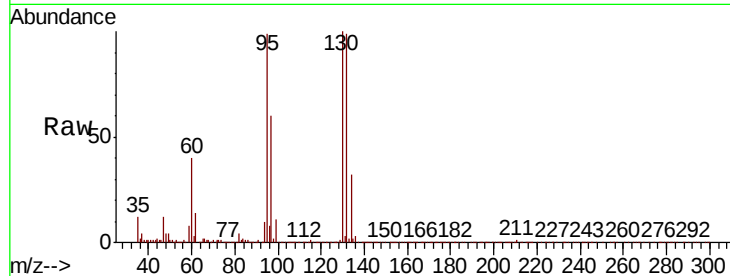
95 98.6 71.7 107.5

Manual Integrations

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#38

Methylcyclohexane

Concen: 18.993 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

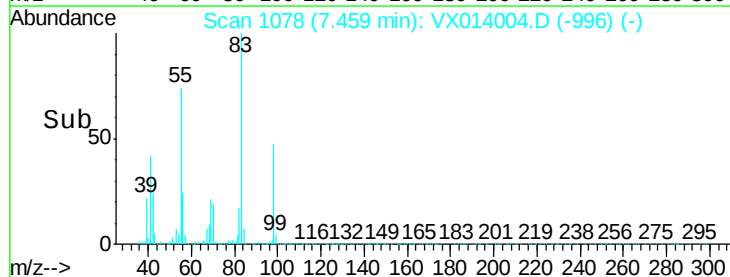
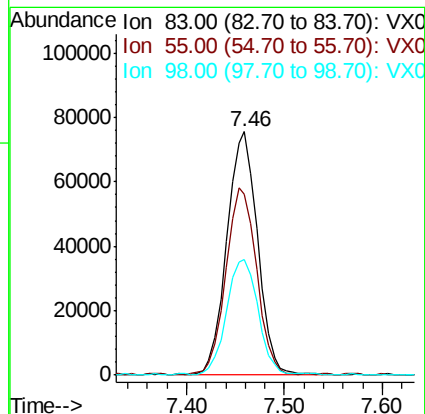
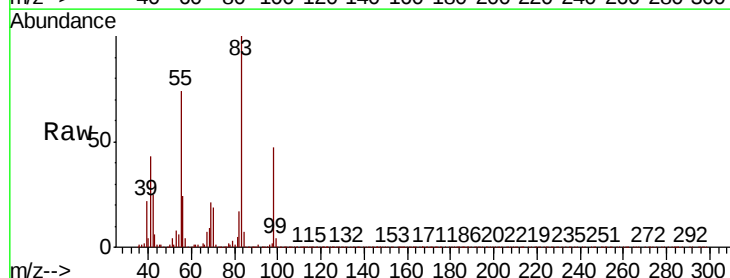
Tgt Ion: 83 Resp: 163946

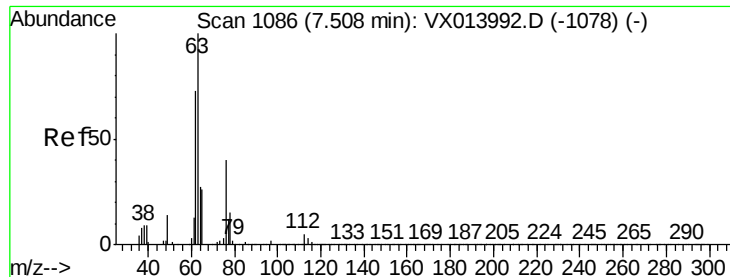
Ion Ratio Lower Upper

83 100

55 77.5 39.4 118.1

98 48.8 25.1 75.3





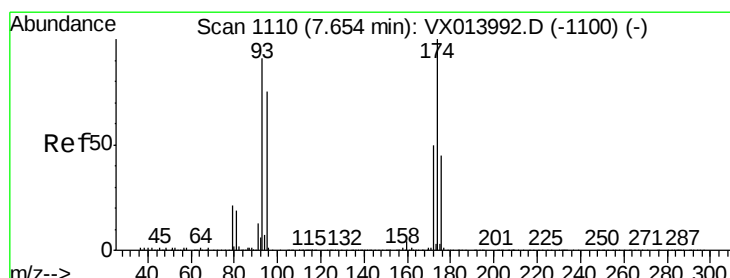
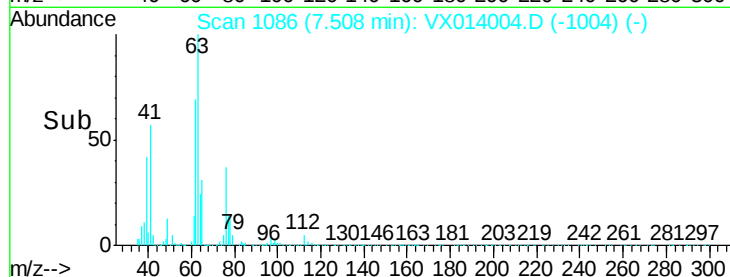
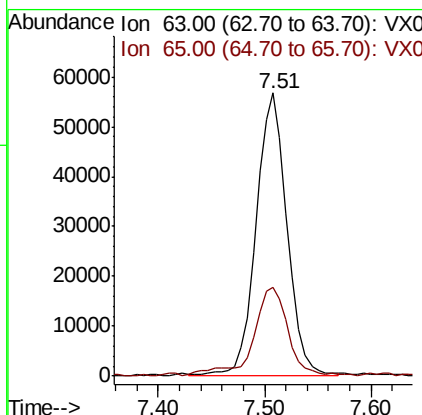
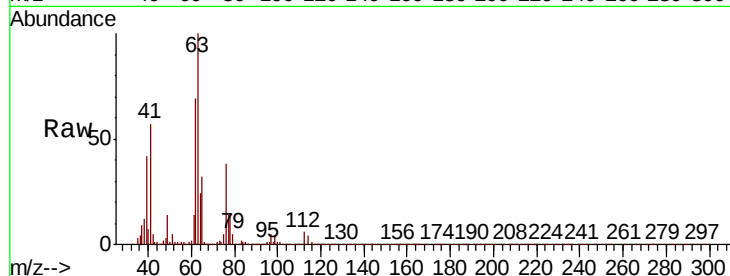
#39
1,2-Dichloropropane
Concen: 19.545 ug/l
RT: 7.51 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.1	33.1

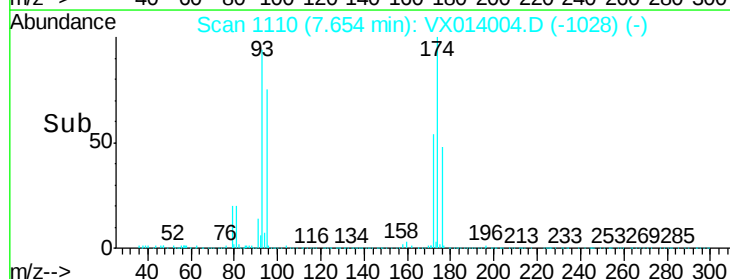
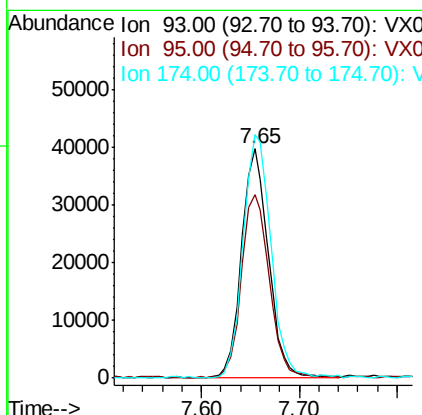
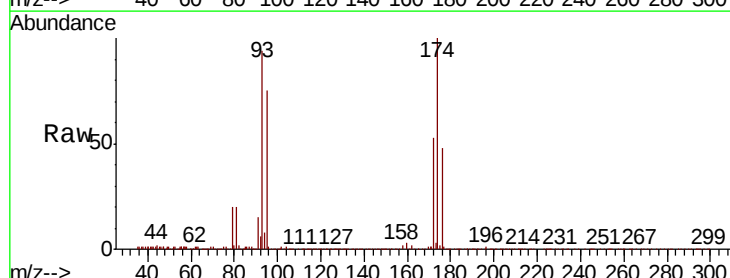
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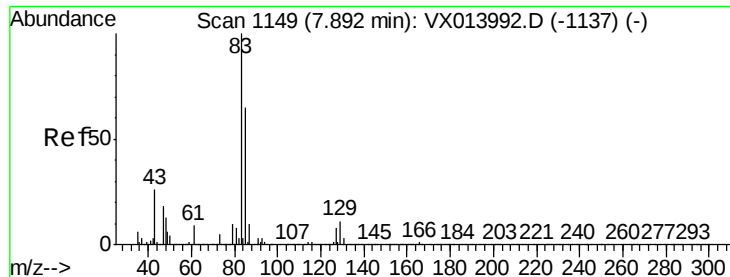
MMDadoda
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#40
Dibromomethane
Concen: 20.386 ug/l
RT: 7.65 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.3	0.0	164.4
174	109.3	0.0	228.8





#41

Bromodichloromethane

Concen: 19.921 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

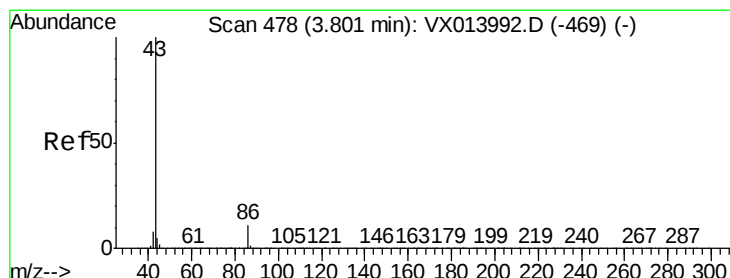
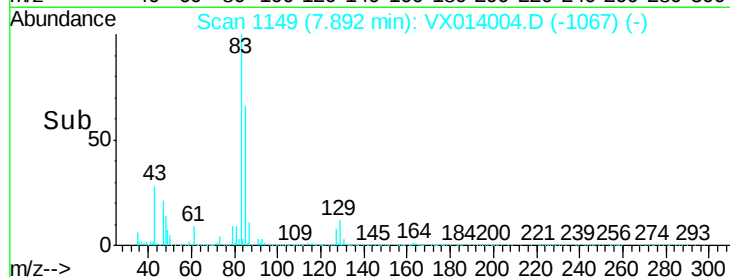
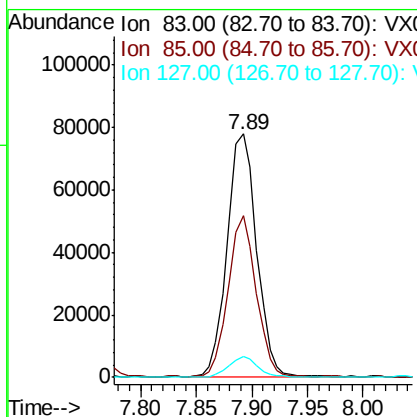
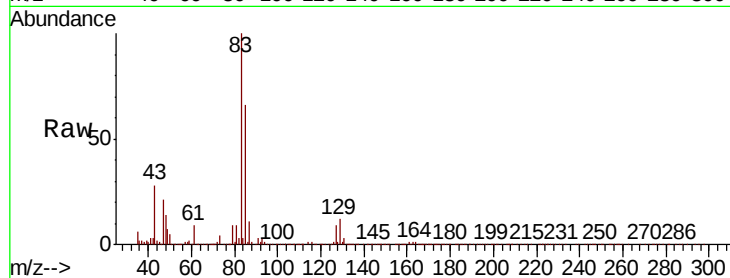
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	144413
Ion Ratio	Lower	Upper	
83	100		
85	66.2	51.6	77.4
127	8.5	6.0	9.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 102.460 ug/l

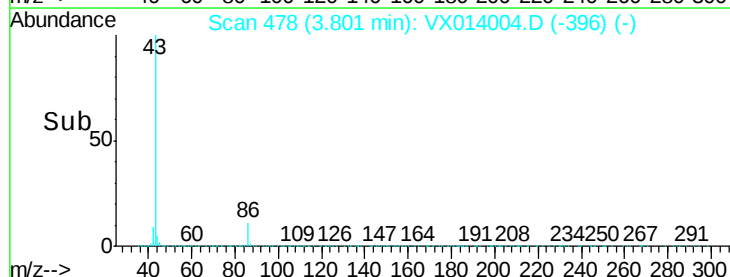
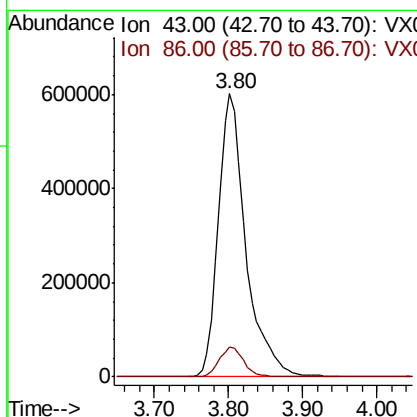
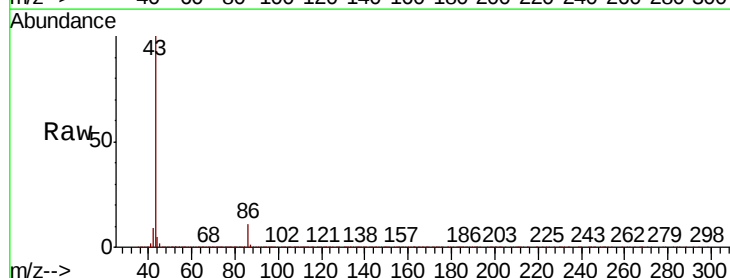
RT: 3.80 min Scan# 478

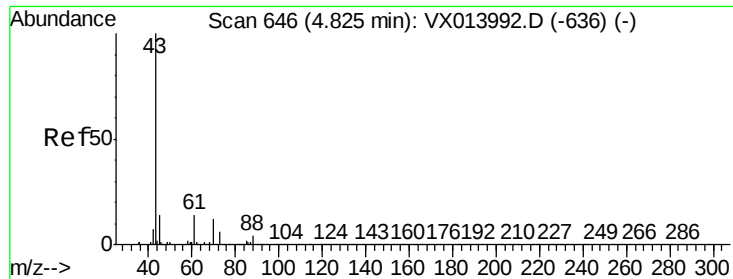
Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Tgt Ion:	43	Resp:	1542976
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.7	11.5





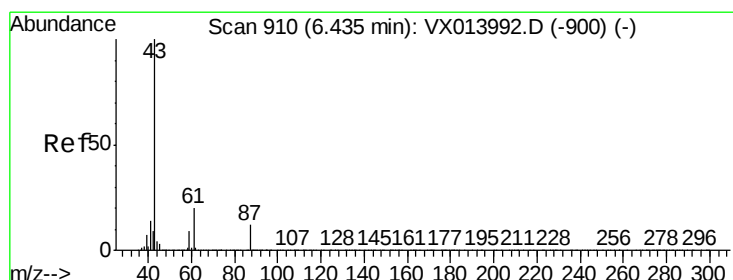
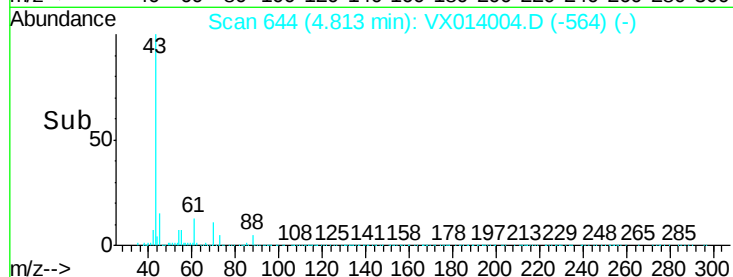
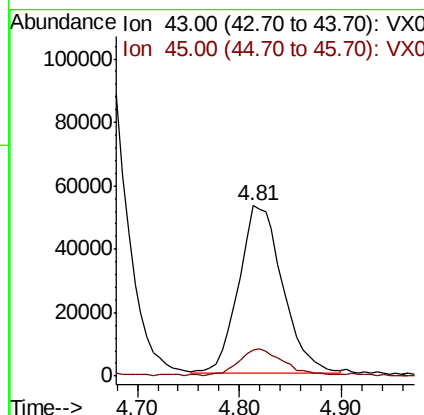
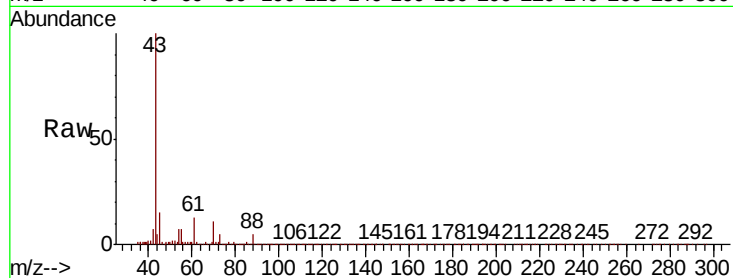
#43
Ethyl Acetate
Concen: 19.318 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC020EC

Tot Ion	43	Ratio	Lower	Upper
158106	100			
45	16.0	11.8	17.8	

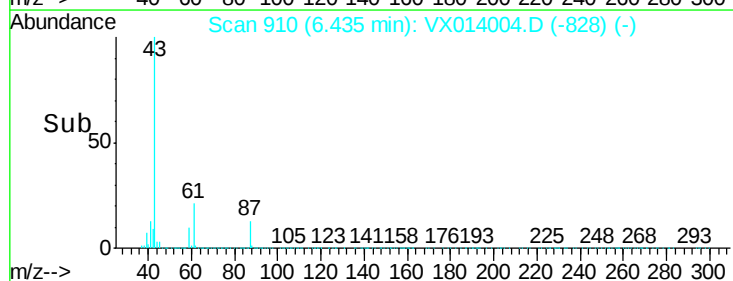
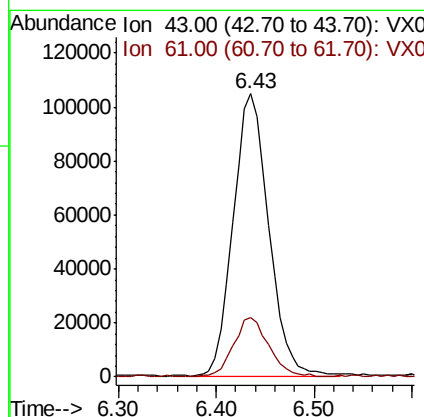
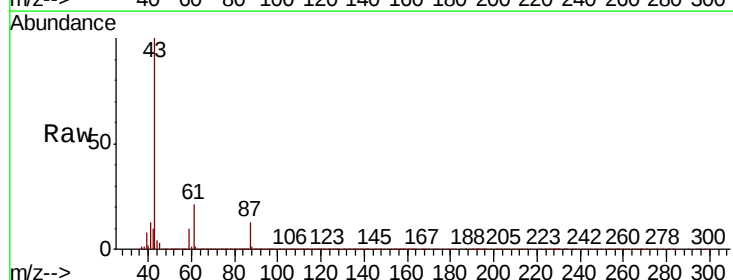
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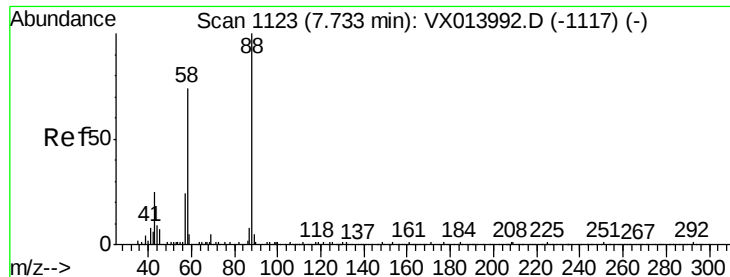
MMDadoda
12/13/2019 12:39:58 PM



#44
Isopropyl Acetate
Concen: 19.309 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	43	Ratio	Lower	Upper
264687	100			
61	20.4	15.9	23.9	





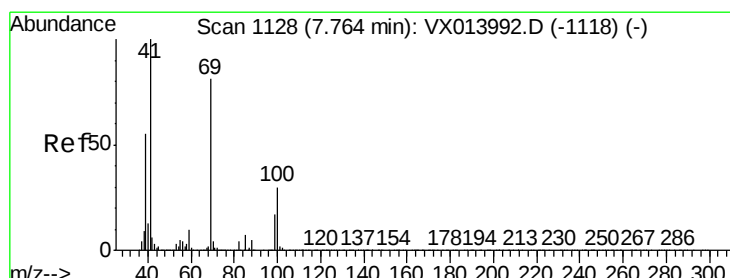
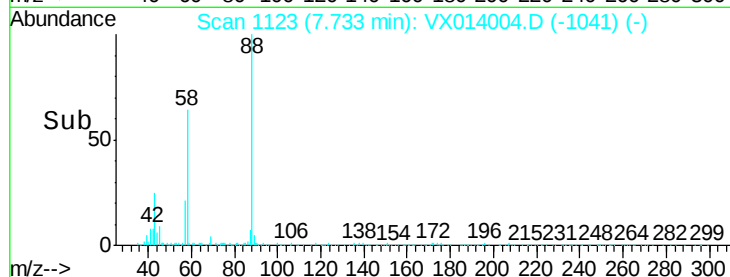
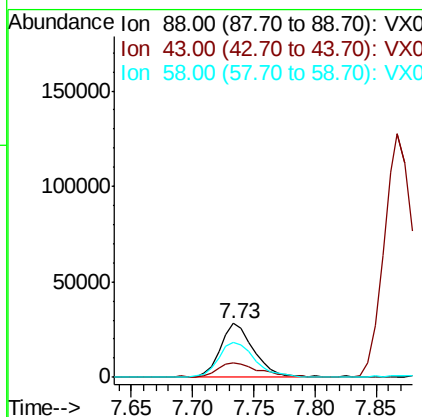
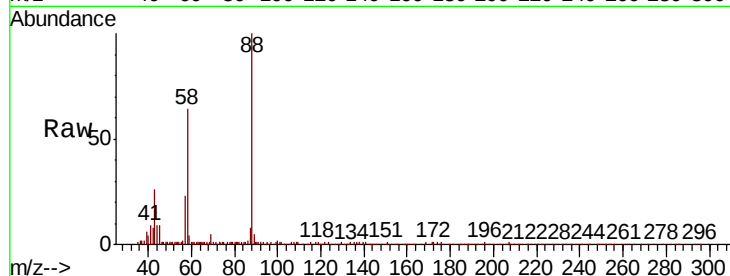
#45
1,4-Dioxane
Concen: 409.732 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	88	Resp:	52597
Ion	Ratio	Lower	Upper
88	100		
43	34.5	25.4	38.2
58	70.4	56.5	84.7

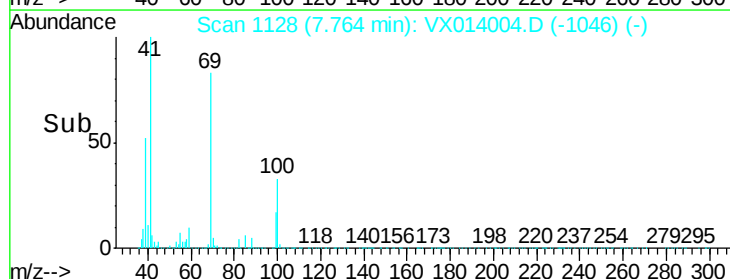
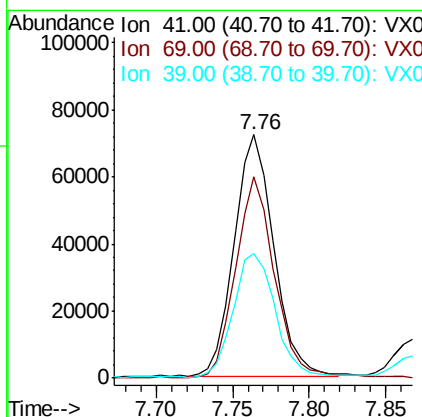
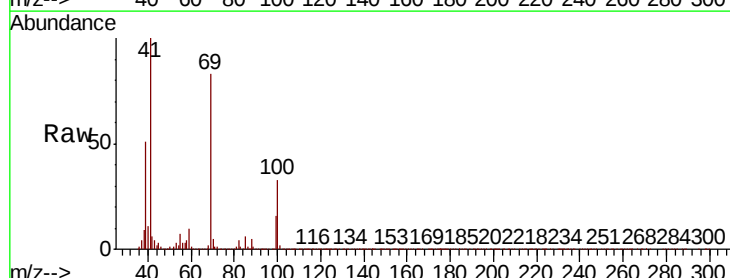
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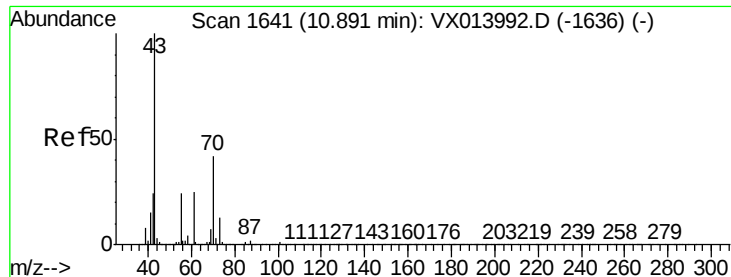
MMDadoda
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#46
Methyl methacrylate
Concen: 19.650 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion:	41	Resp:	130837
Ion	Ratio	Lower	Upper
41	100		
69	83.0	40.6	122.0
39	51.5	27.8	83.3





#47

n-amvl Acetate

Concen: 19.097 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 232762

Ion Ratio Lower Upper

43 100

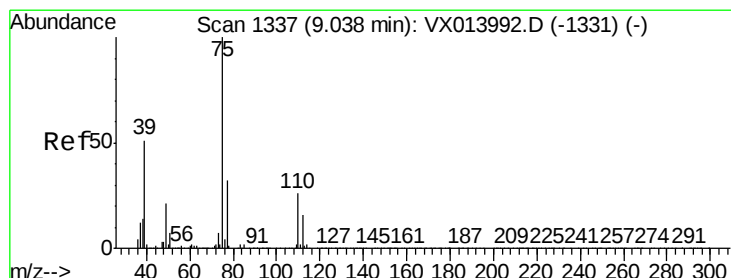
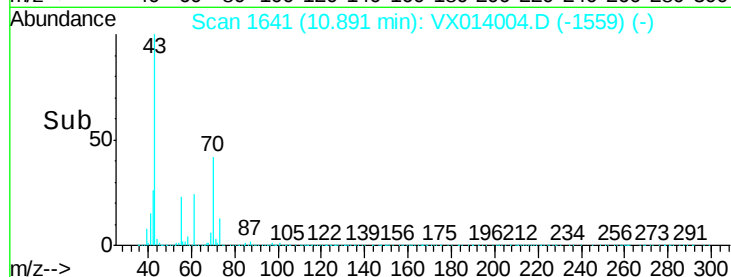
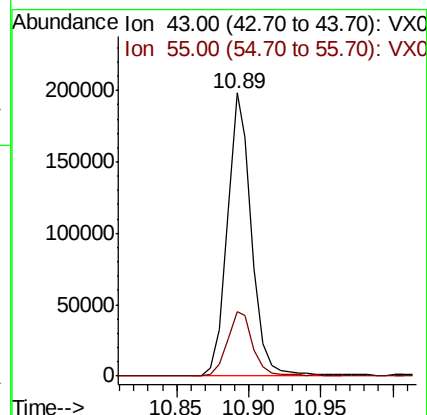
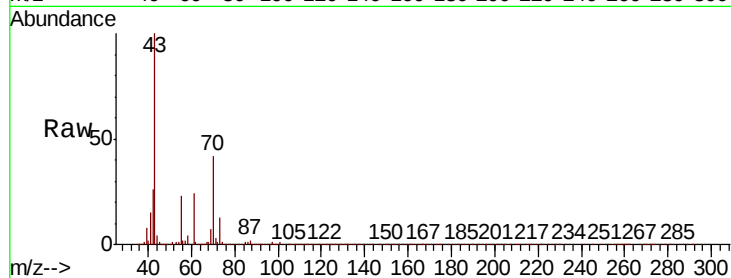
55 23.4 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 18.439 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014004.D

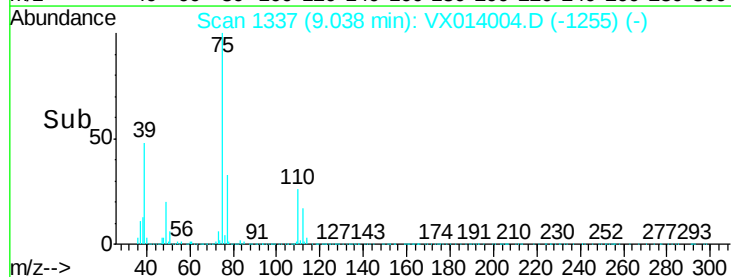
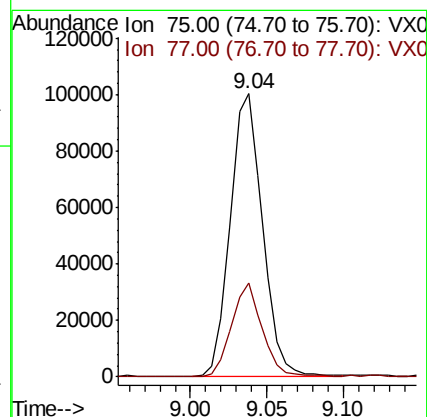
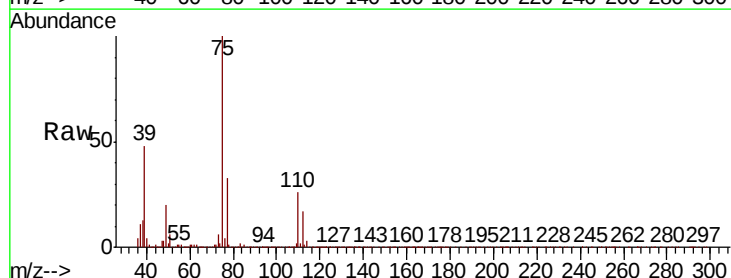
Acq: 13 Dec 2019 05:03

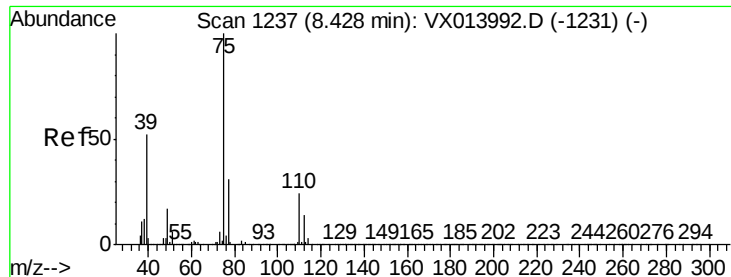
Tgt Ion: 75 Resp: 145894

Ion Ratio Lower Upper

75 100

77 33.0 26.0 39.0





#49

cis-1,3-Dichloropropene

Concen: 18.508 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

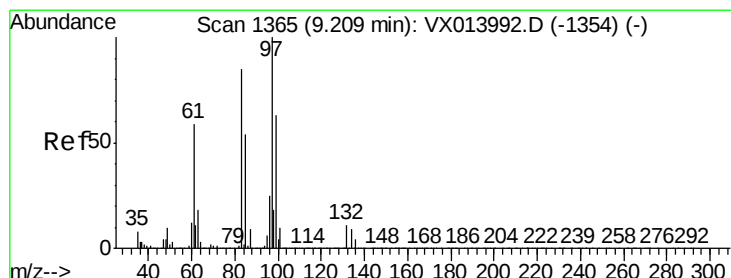
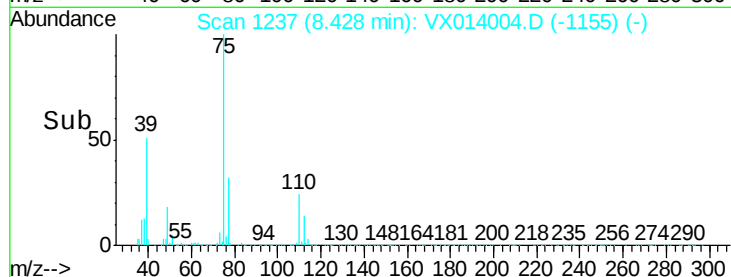
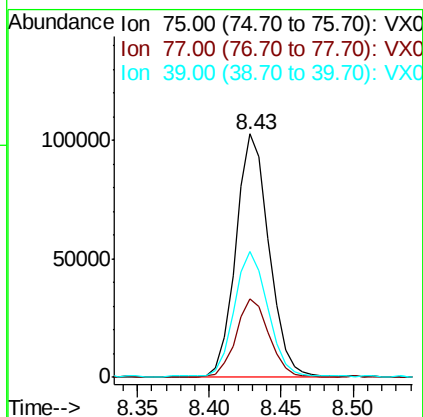
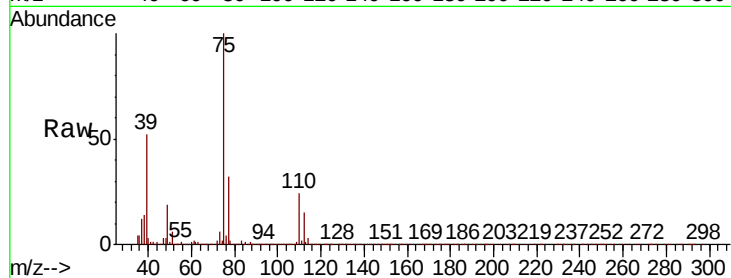
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	164684
Ion Ratio	Lower	Upper	
75	100		
77	32.1	24.8	37.2
39	51.3	41.1	61.7

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#50

1,1,2-Trichloroethane

Concen: 19.719 ug/l

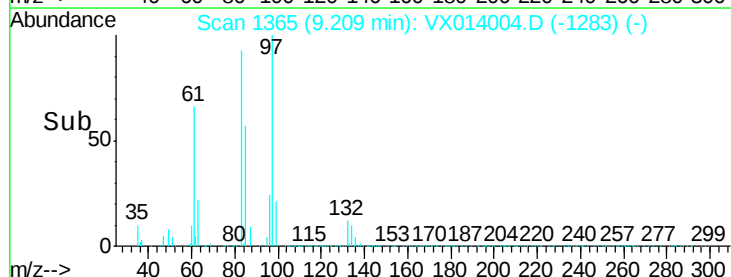
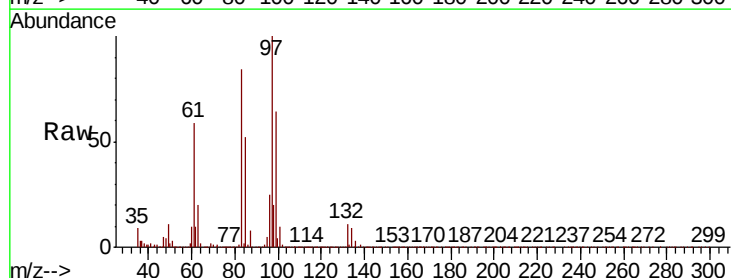
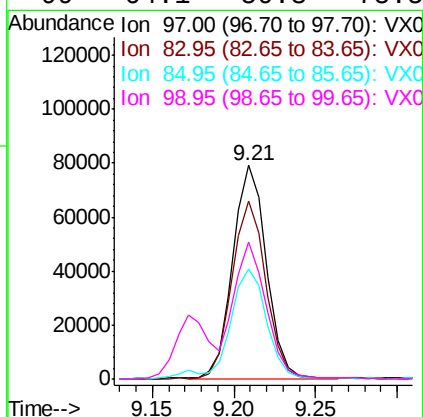
RT: 9.21 min Scan# 1365

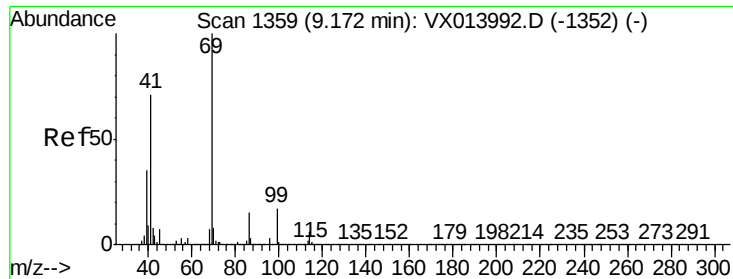
Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Tgt Ion:	97	Resp:	113934
Ion Ratio	Lower	Upper	
97	100		
83	83.7	68.1	102.1
85	51.6	42.7	64.1
99	64.1	50.3	75.5





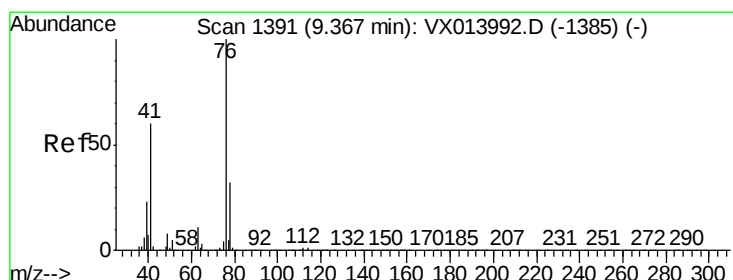
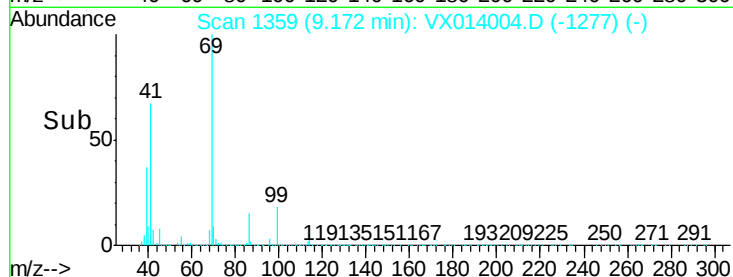
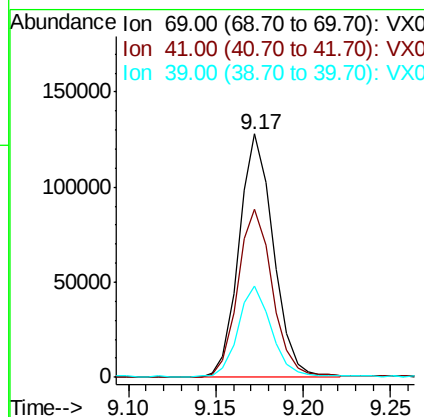
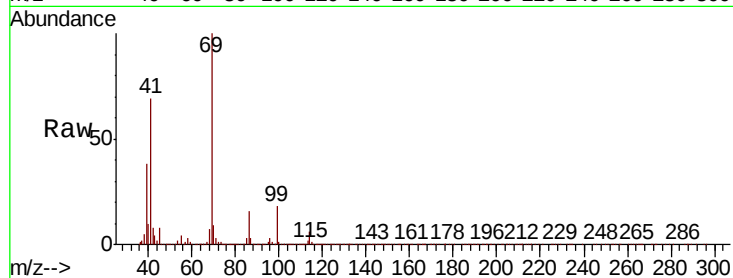
#51
Ethyl methacrylate
Concen: 18.920 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	69	Resp:	173884
Ion	Ratio	Lower	Upper
69	100		
41	68.7	35.4	106.1
39	37.4	17.8	53.3

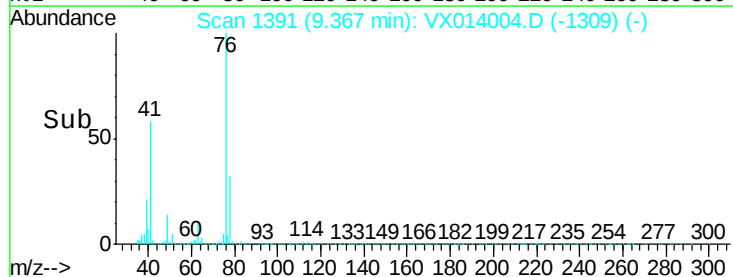
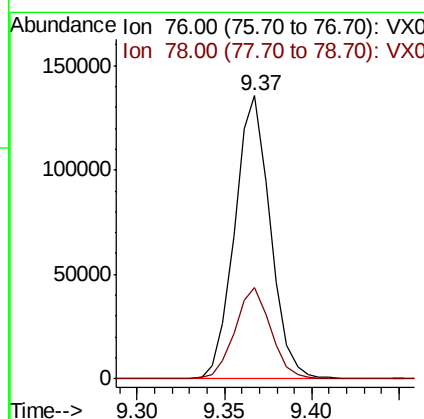
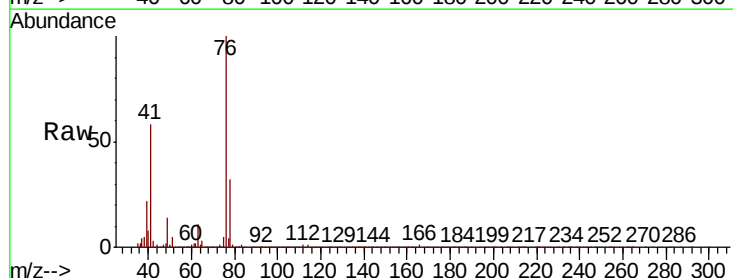
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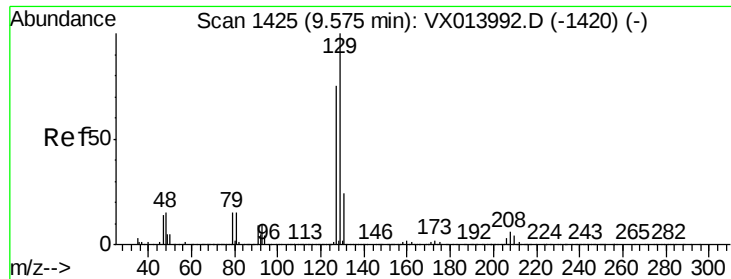
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#52
1,3-Dichloropropane
Concen: 19.477 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion:	76	Resp:	191198
Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	63.4





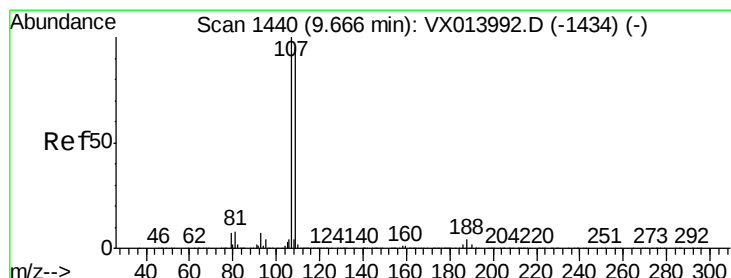
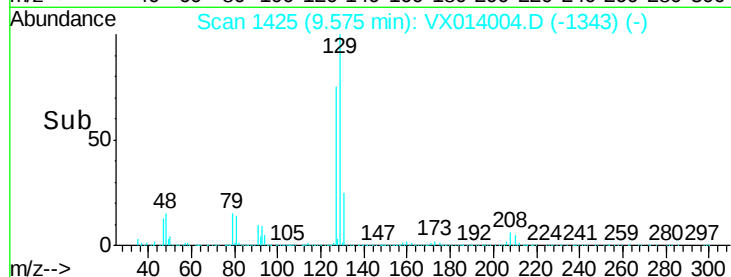
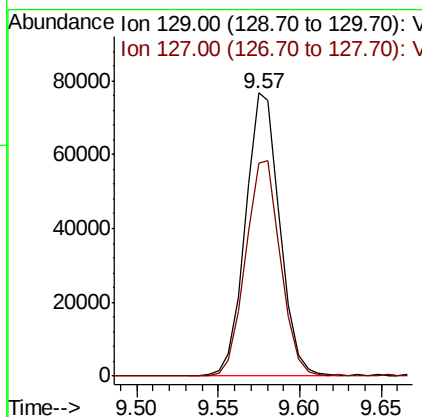
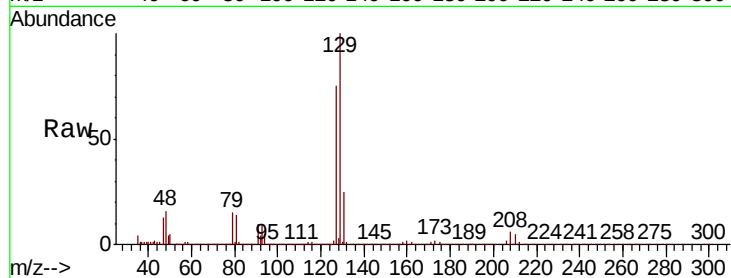
#53
Dibromochloromethane
Concen: 19.375 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	77.5	39.1	117.5	

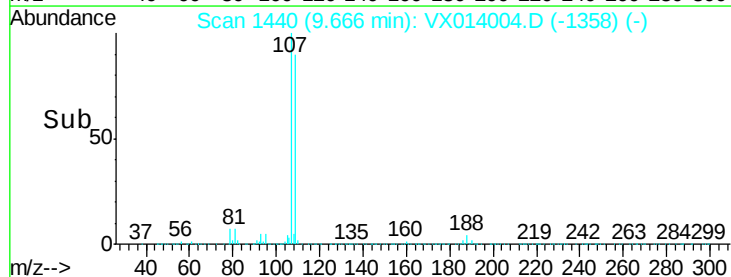
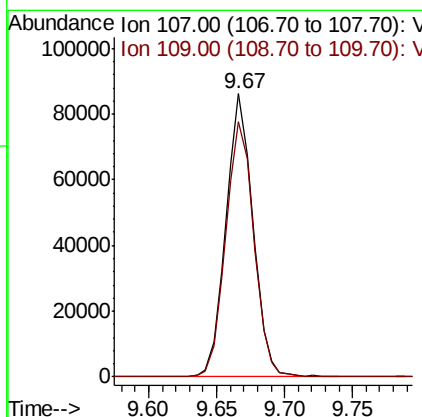
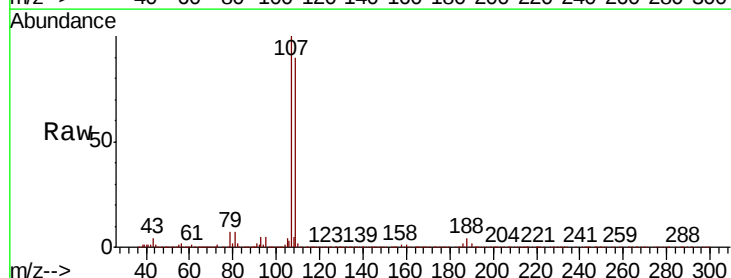
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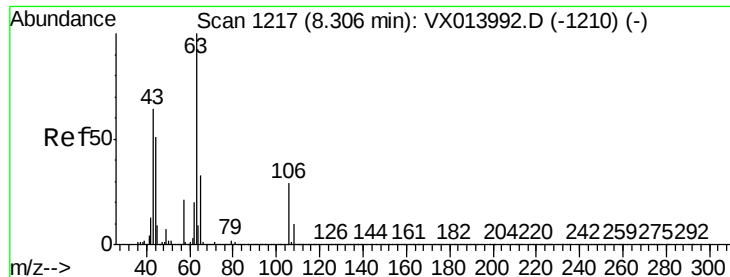
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#54
1,2-Dibromoethane
Concen: 19.939 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	94.0	77.2	115.8	





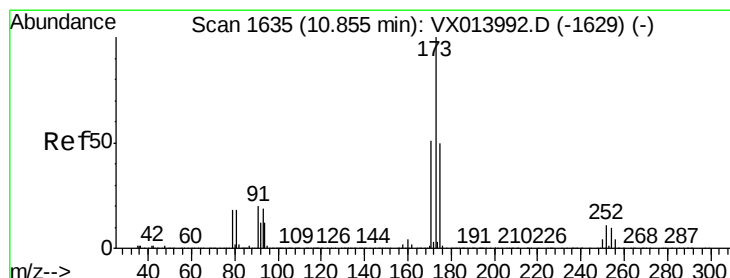
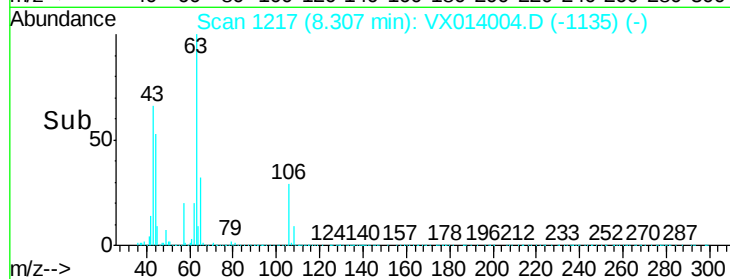
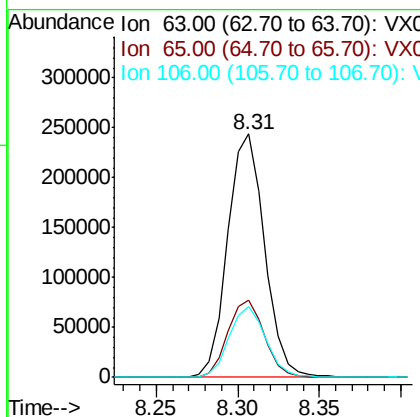
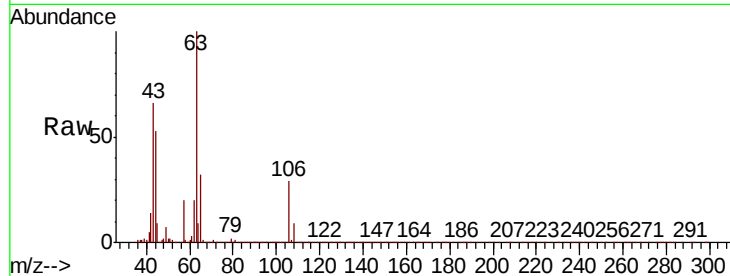
#55
2-Chloroethyl vinyl ether
Concen: 94.059 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.8	38.6
106	28.9	22.9	34.3

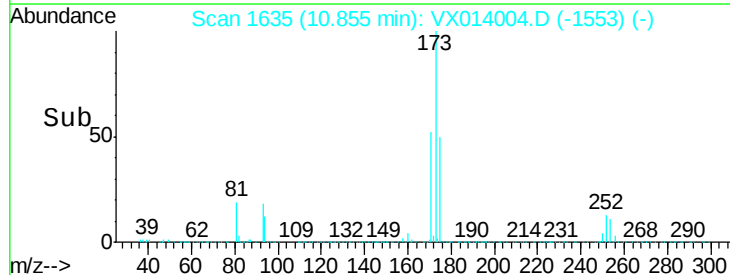
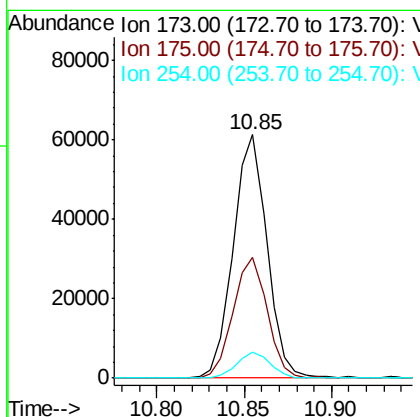
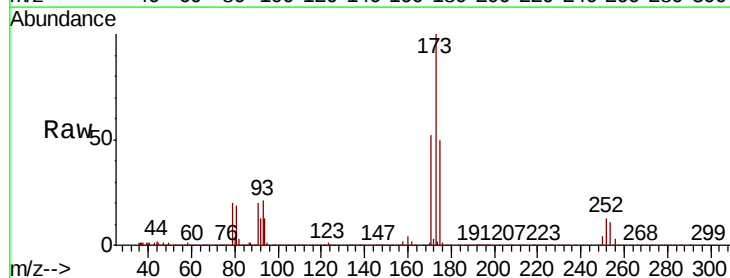
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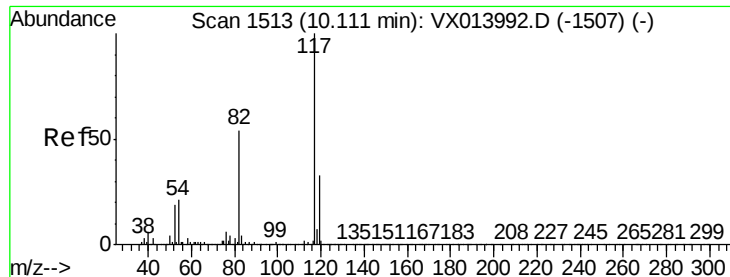
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#56
Bromoform
Concen: 18.217 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.3	39.5	59.3
254	10.8	8.2	12.4





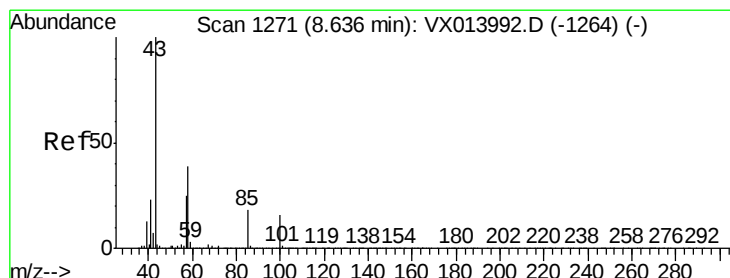
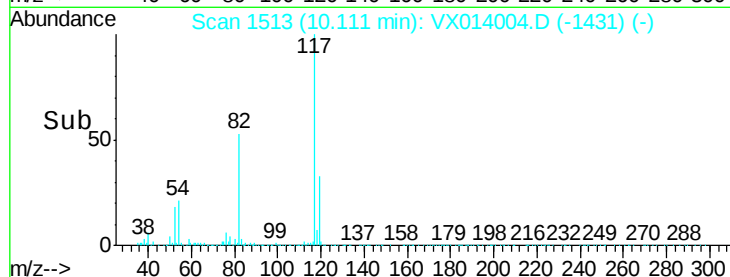
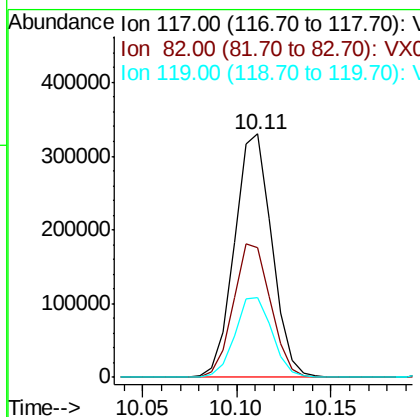
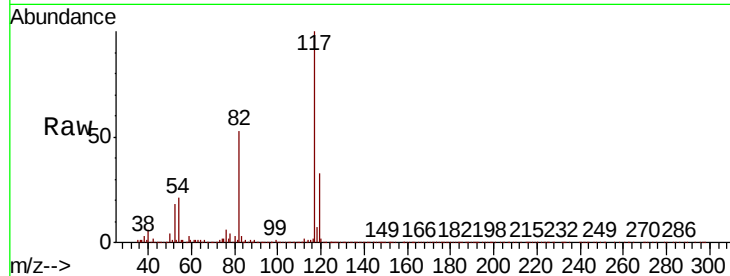
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.8	65.6
119	33.0	25.8	38.6

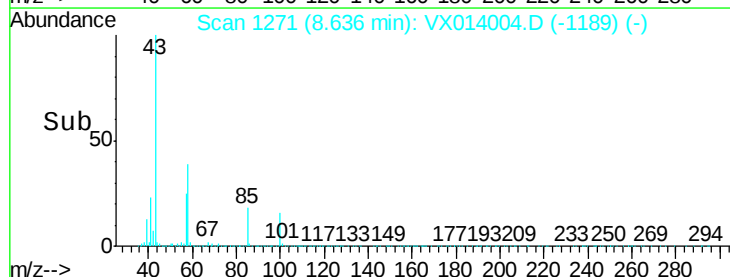
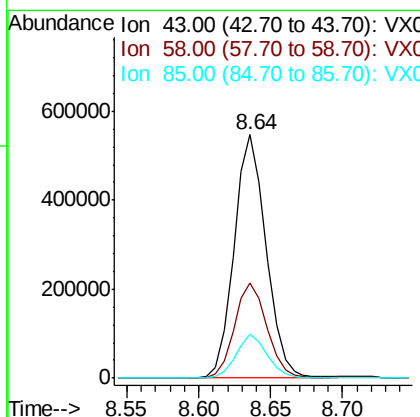
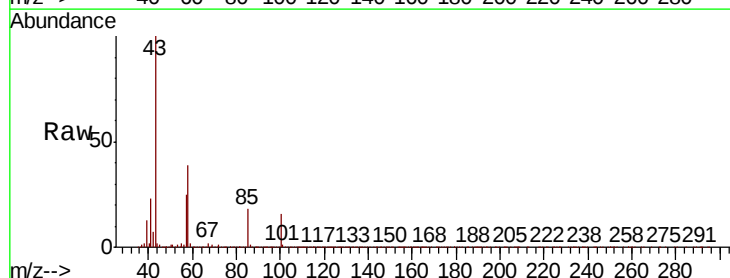
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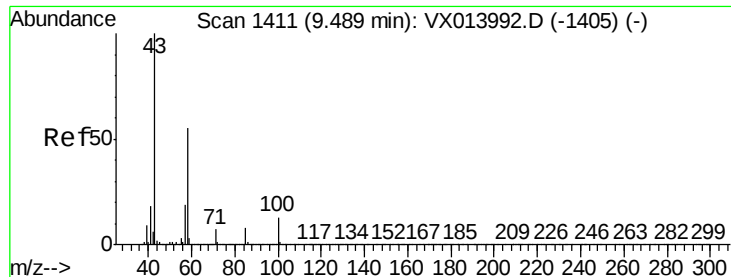
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#58
4-Methyl-2-Pentanone
Concen: 99.732 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.2	46.8
85	17.4	14.2	21.2





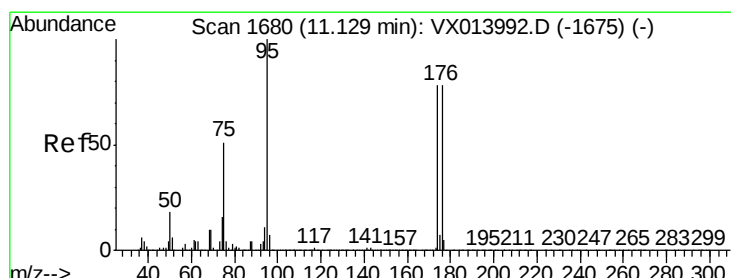
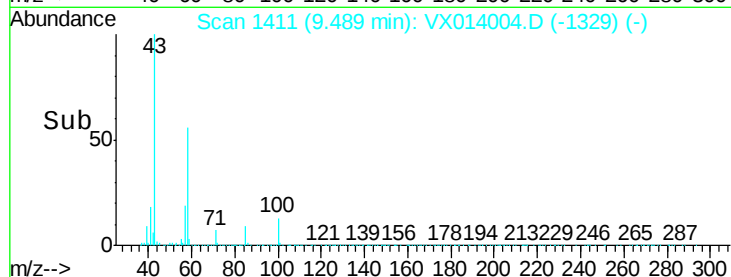
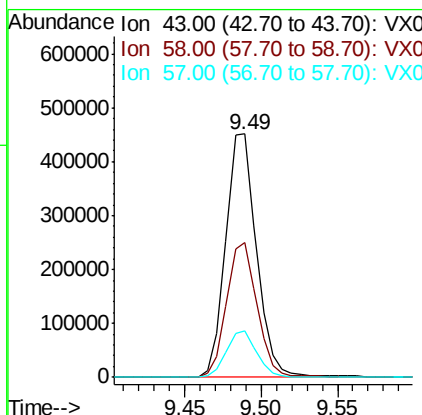
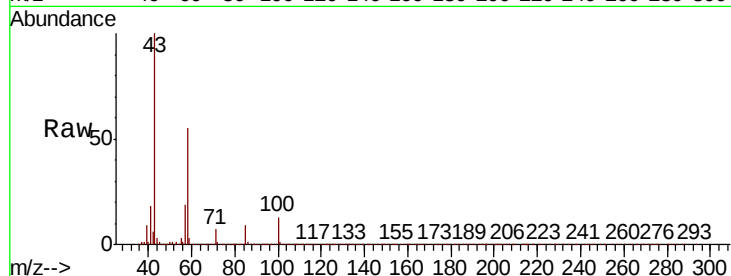
#59
2-Hexanone
Concen: 98.096 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.0	43.8	65.6
57	18.9	15.4	23.0

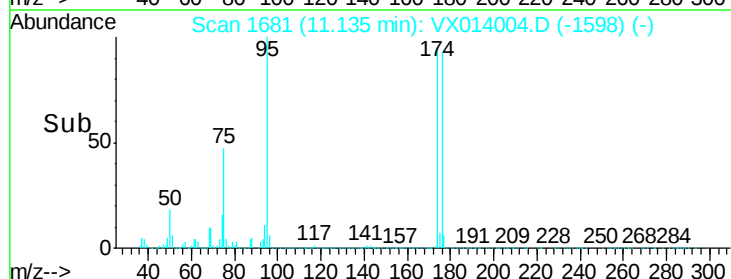
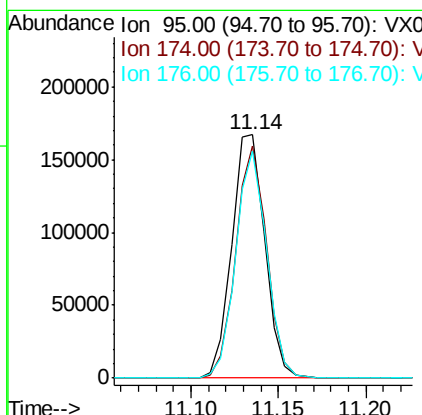
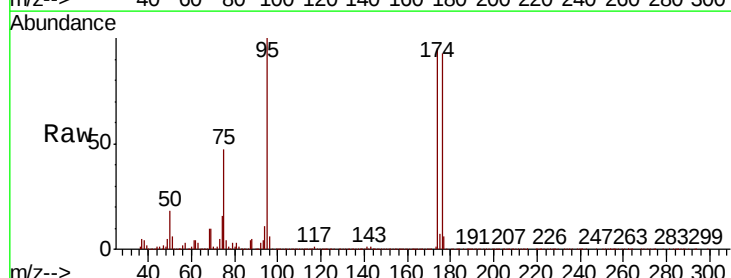
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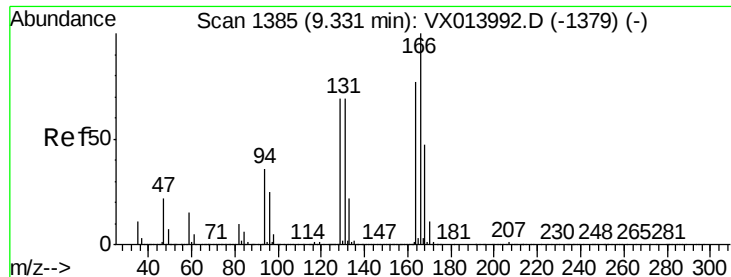
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#60
4-Bromofluorobenzene
Concen: 30.164 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.7	70.2	105.2
176	87.2	68.3	102.5





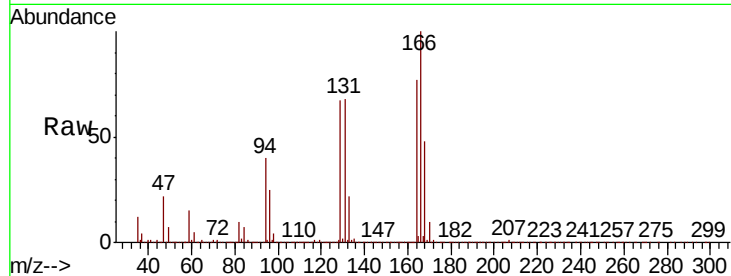
#61
Tetrachloroethene
Concen: 17.817 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

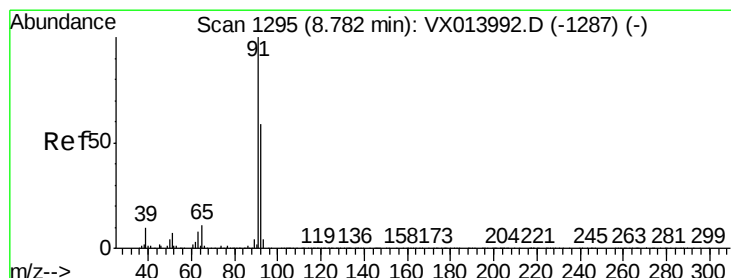
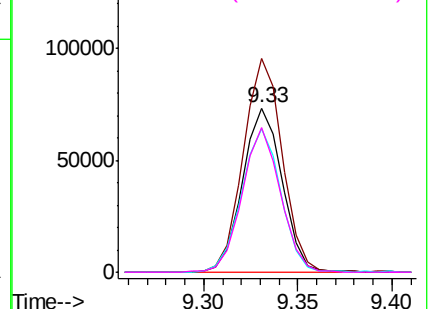
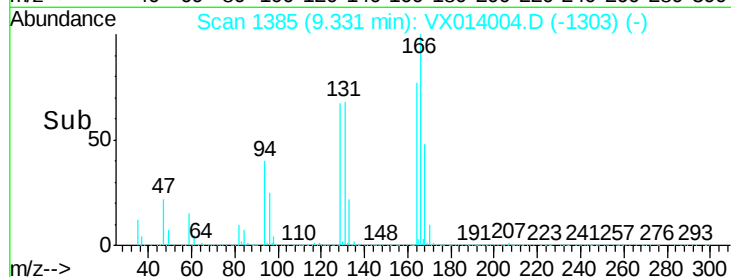
Tot Ion:	164	Resp:	106841
Ion Ratio	Lower	Upper	
164	100		
166	130.4	104.2	156.2
129	87.0	71.6	107.4
131	87.9	71.7	107.5

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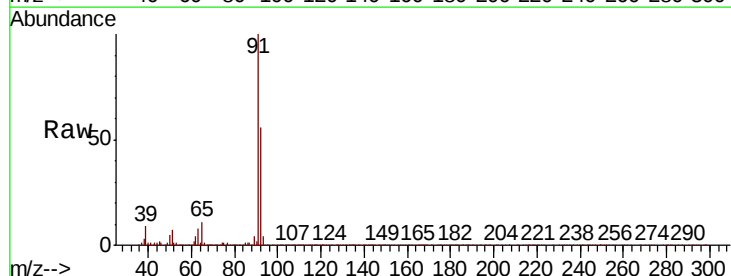


Abundance Ion 163.85 (163.55 to 164.55): V
150000
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

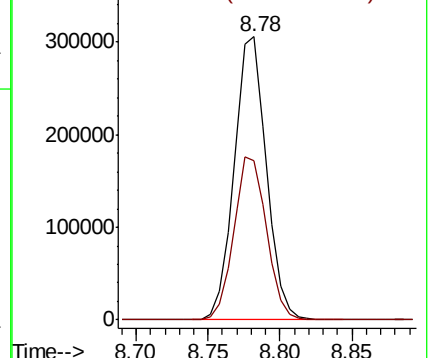
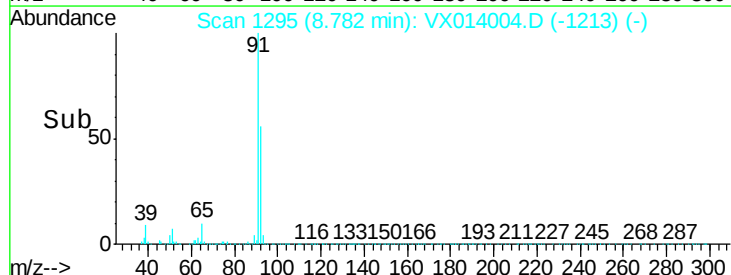


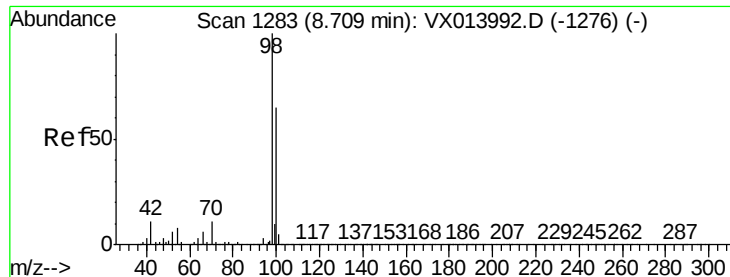
#62
Toluene
Concen: 19.854 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion:	91	Resp:	478651
Ion Ratio	Lower	Upper	
91	100		
92	58.0	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: 30.779 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 623616

Ion Ratio Lower Upper

98 100

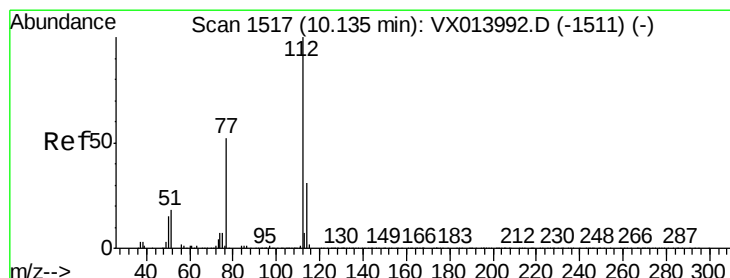
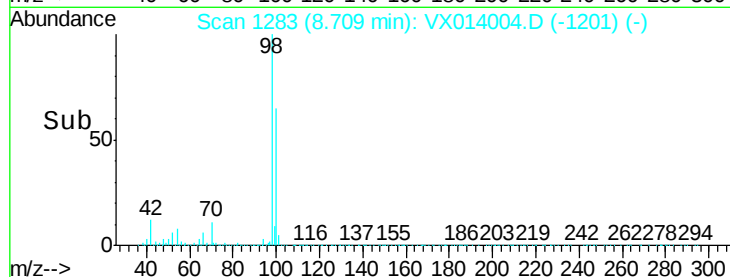
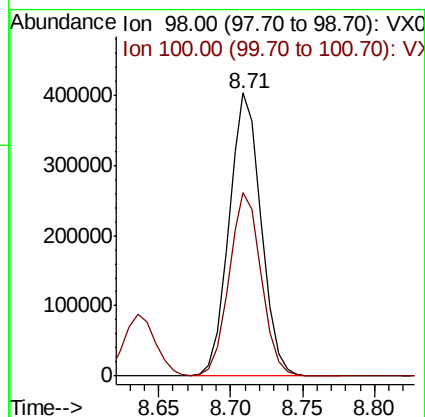
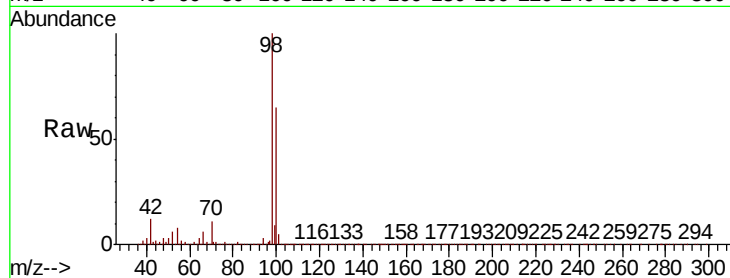
100 65.0 52.2 78.2

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#64

Chlorobenzene

Concen: 19.597 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014004.D

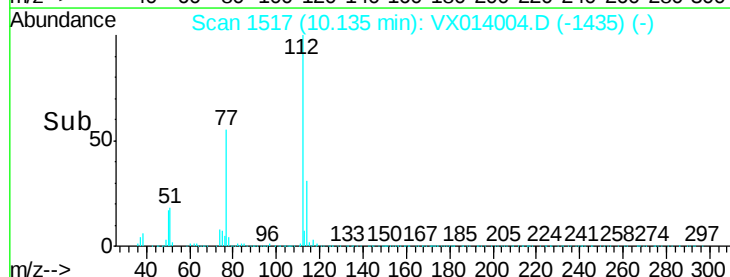
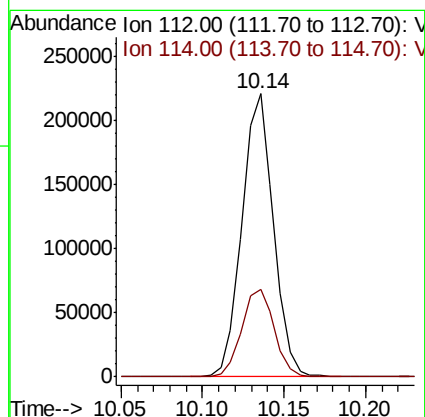
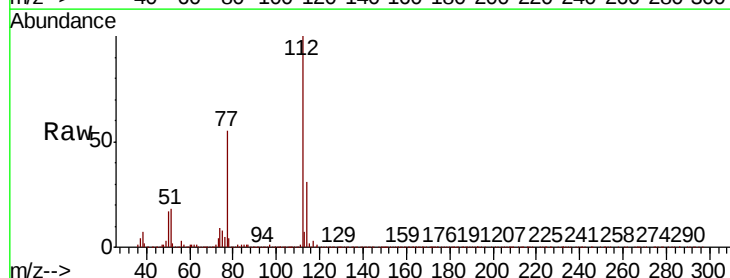
Acq: 13 Dec 2019 05:03

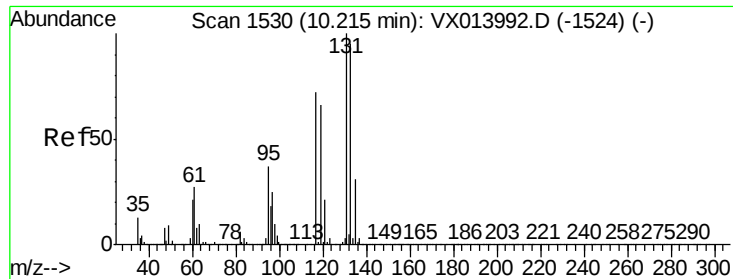
Tgt Ion: 112 Resp: 295995

Ion Ratio Lower Upper

112 100

114 30.7 24.4 36.6





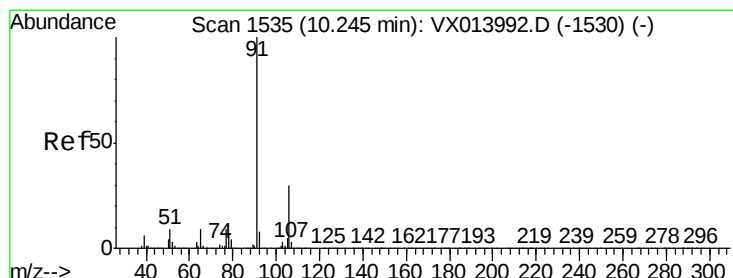
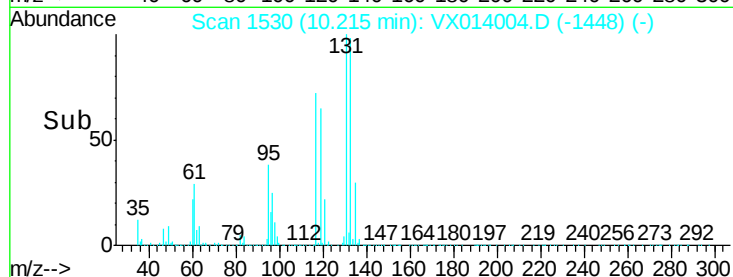
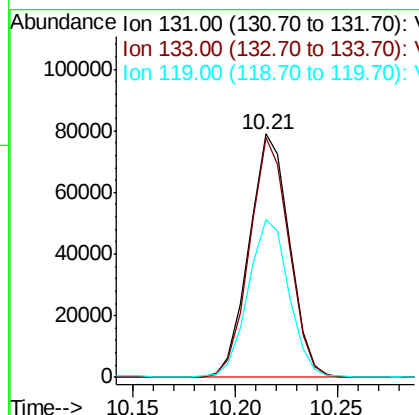
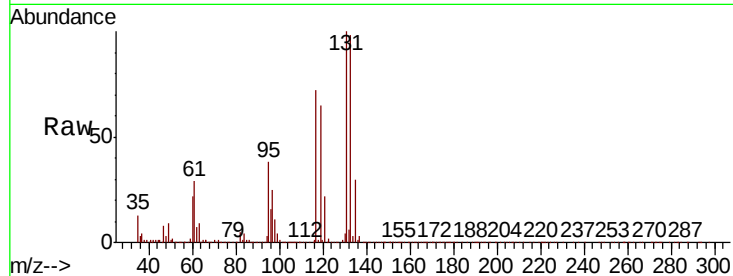
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.437 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
131	100	108705		
133	95.9	0.0	189.8	
119	65.9	0.0	132.2	

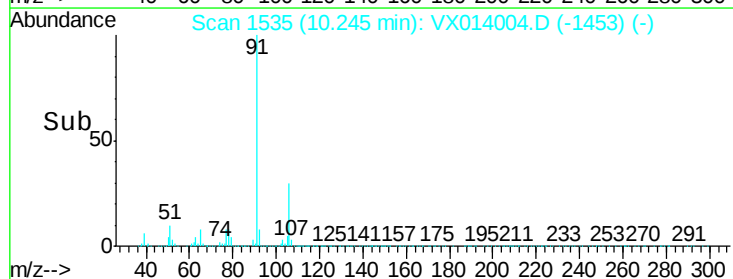
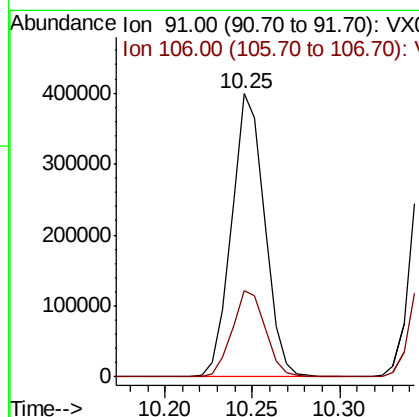
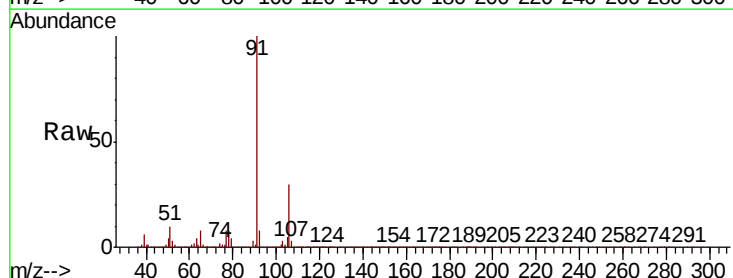
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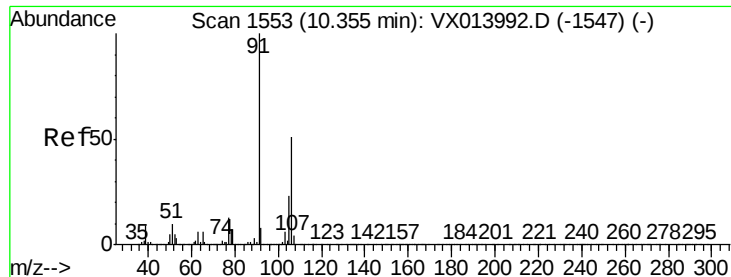
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#66
 Ethyl Benzene
 Concen: 19.810 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	522655		
106	30.5	24.2	36.2	





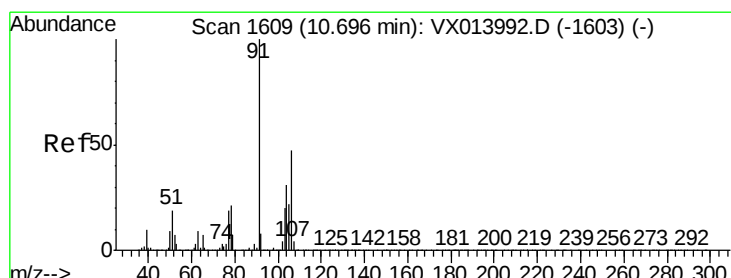
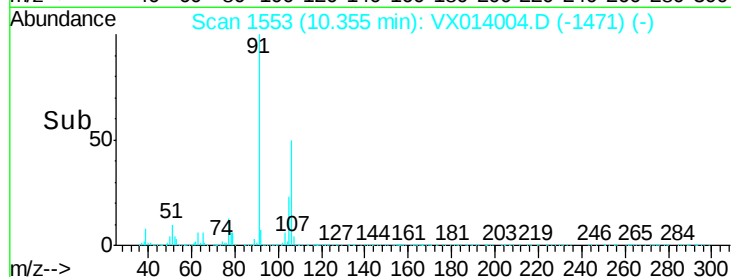
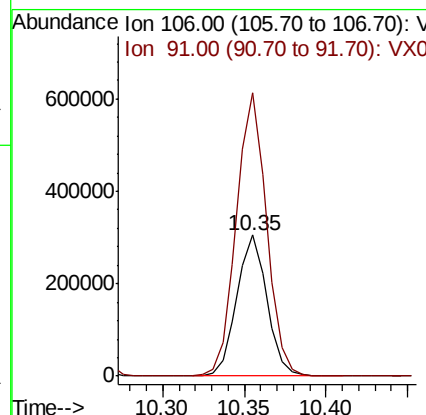
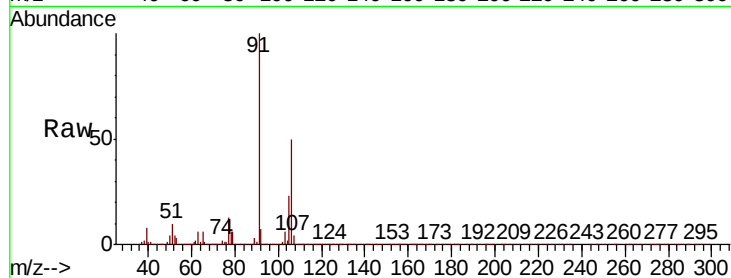
#67
m/p-Xvlenes
Concen: 38.985 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.8	159.3	238.9

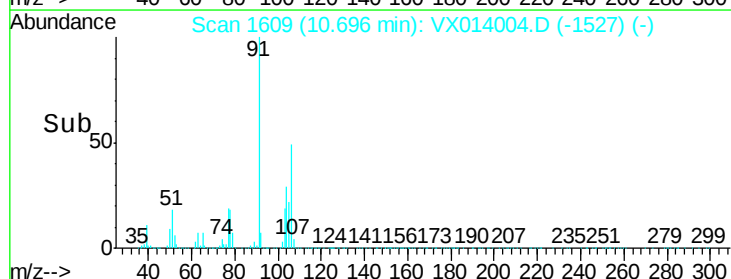
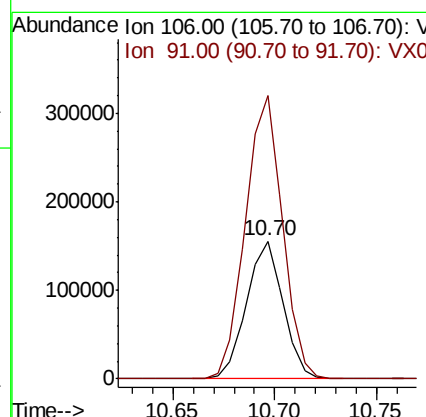
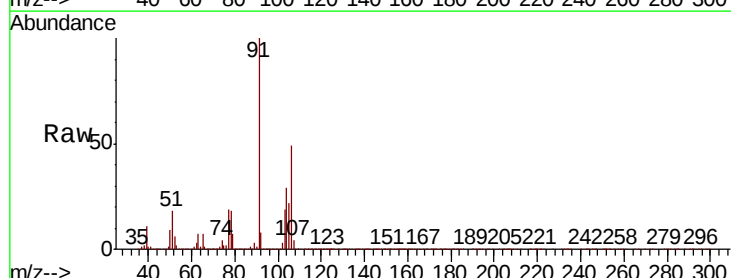
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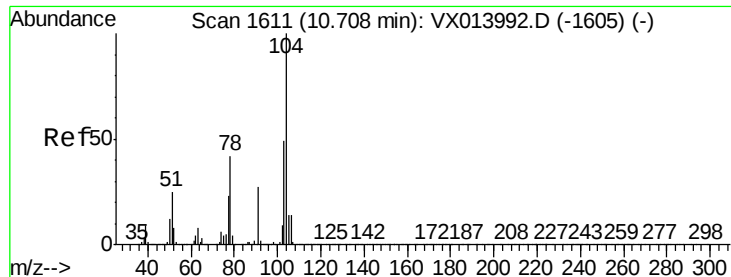
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#68
o-Xylene
Concen: 19.237 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.2	104.8	314.6





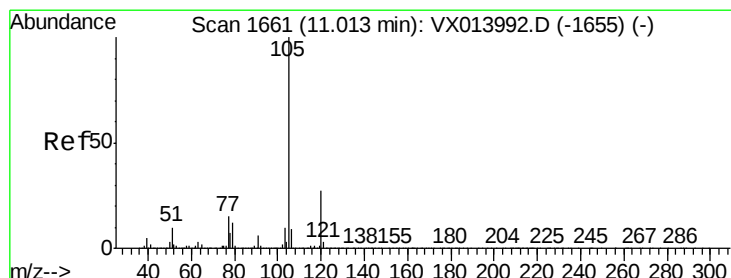
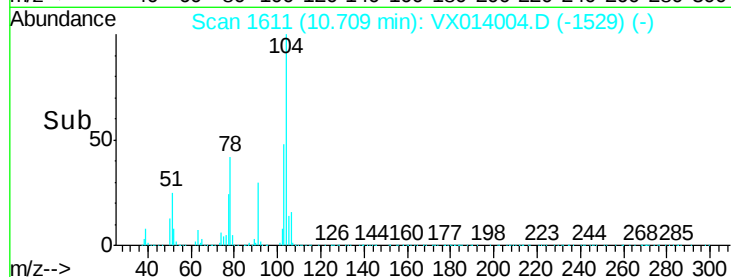
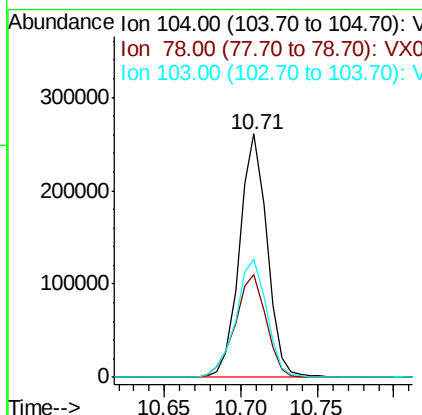
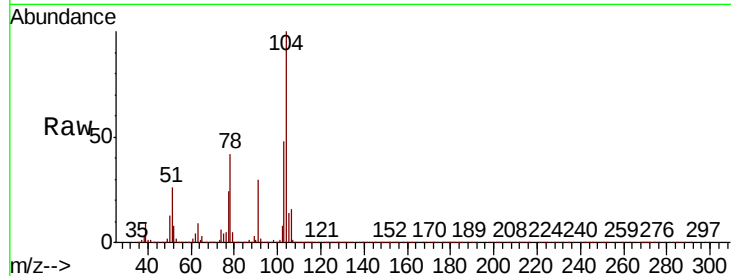
#69
Stvrene
Concen: 19.178 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.7	38.9	58.3
103	54.6	44.2	66.2

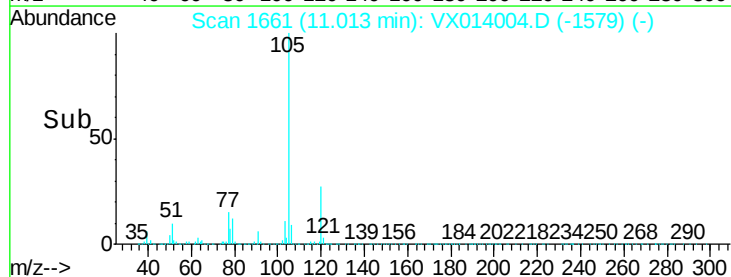
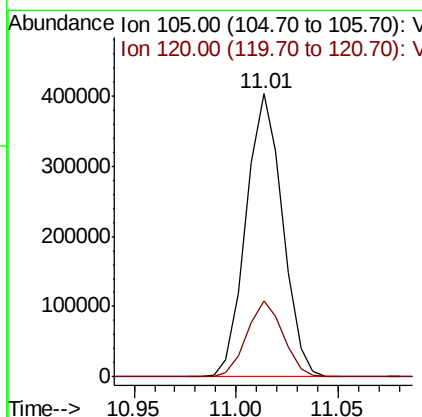
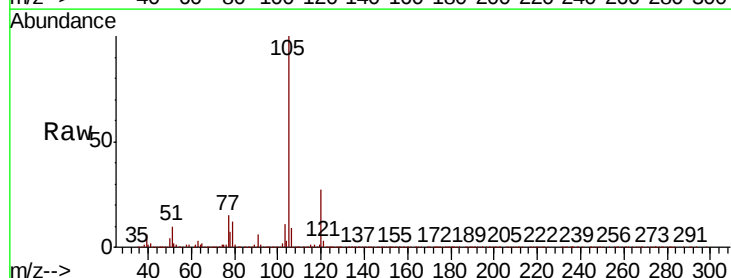
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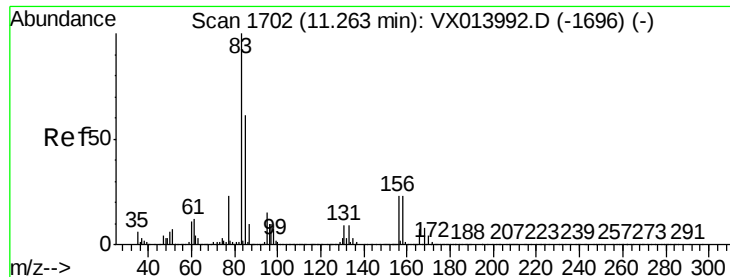
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#70
Isopropylbenzene
Concen: 19.454 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	19.1	35.5





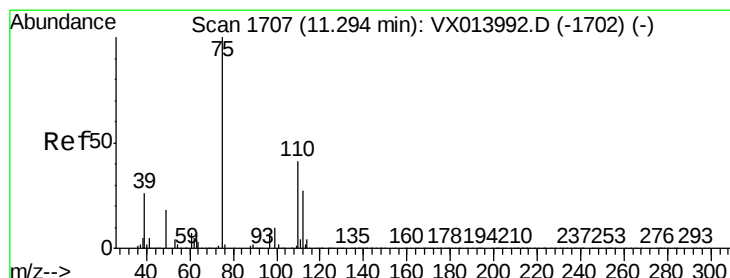
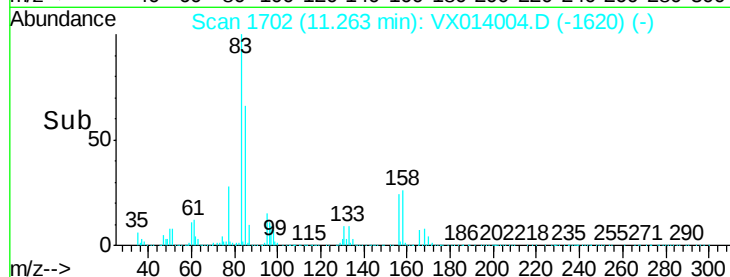
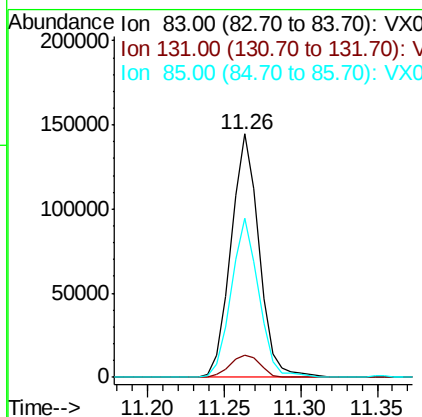
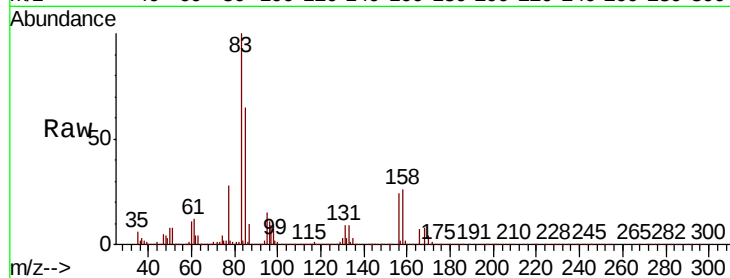
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.091 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.1	4.9	14.7	
85	63.9	31.6	94.7	

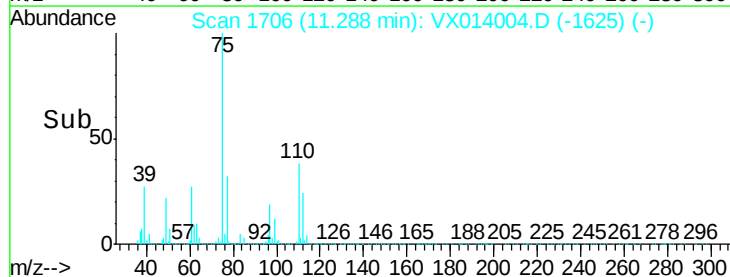
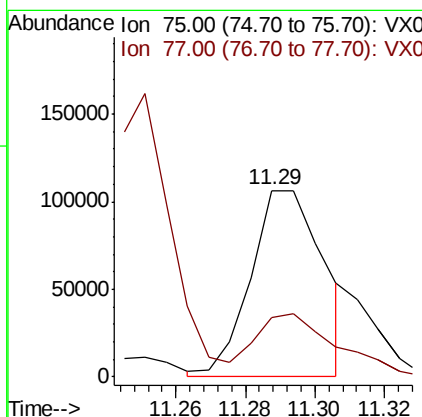
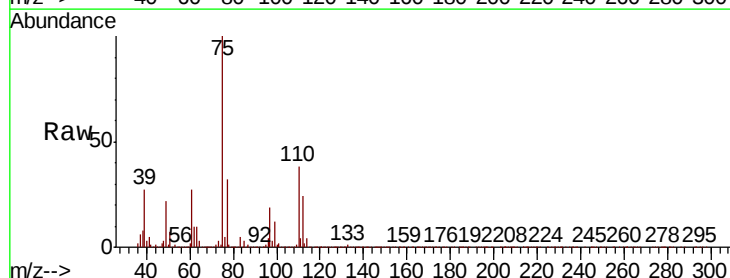
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#72
 1,2,3-Trichloropropane
 Concen: 18.976 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	35.5	0.0	68.4	





#73

Bromobenzene

Concen: 19.057 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

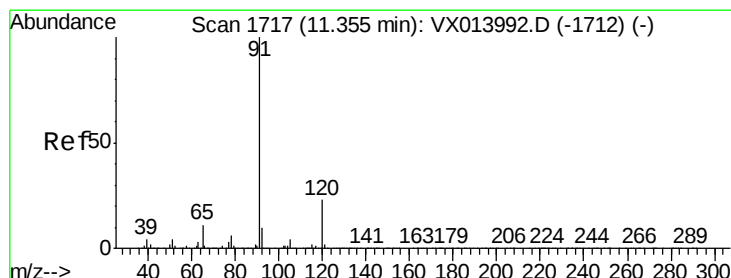
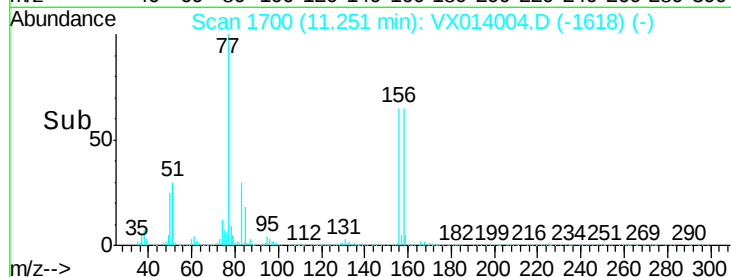
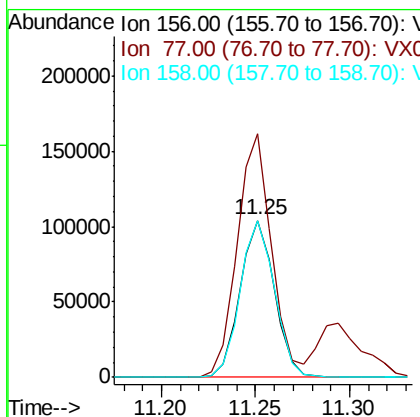
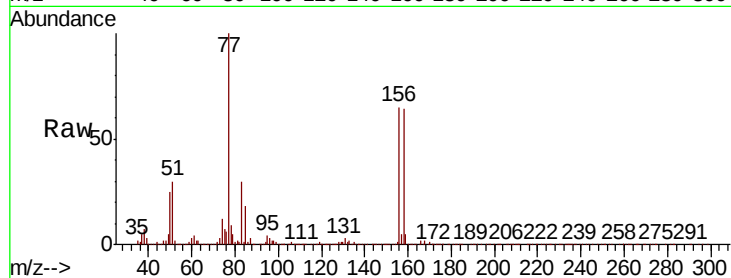
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	131347
Ion Ratio	Lower	Upper	
156	100		
77	155.0	0.0	304.6
158	100.4	0.0	195.2

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#74

n-propylbenzene

Concen: 19.302 ug/l

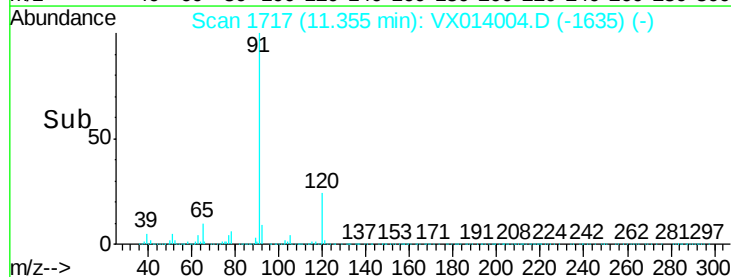
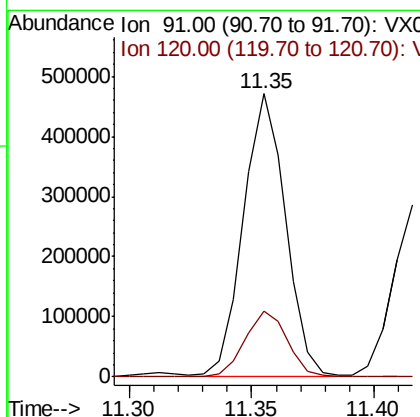
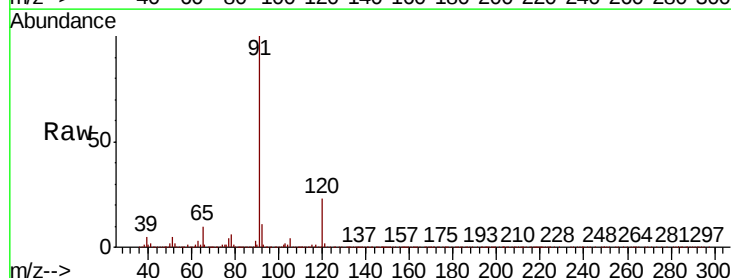
RT: 11.35 min Scan# 1717

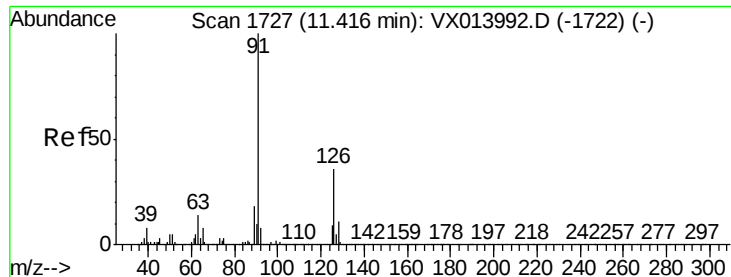
Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Tgt Ion:	91	Resp:	565255
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	44.8





#75

2-Chlorotoluene

Concen: 19.524 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 345469

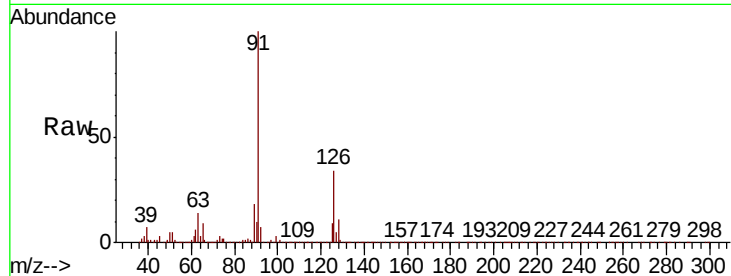
Ion Ratio Lower Upper

91 100

126 35.3 0.0 70.8

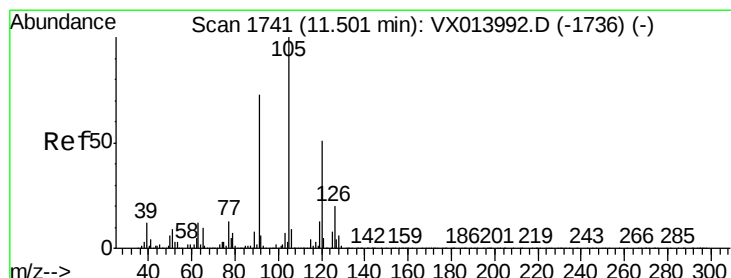
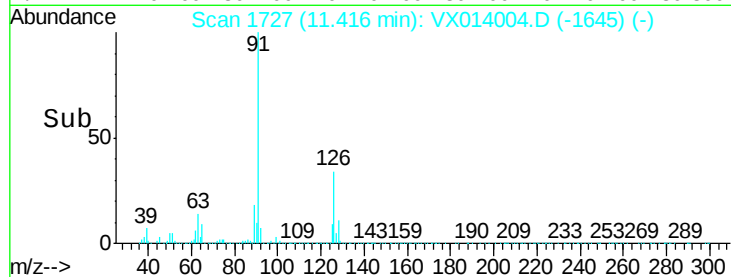
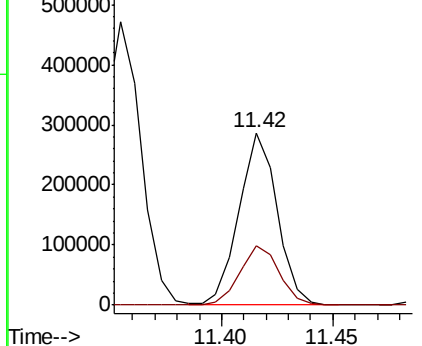
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Abundance Ion 91.00 (90.70 to 91.70): VX014004.D (-1645) (-)

Ion 126.00 (125.70 to 126.70): VX014004.D (-1645) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.141 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014004.D

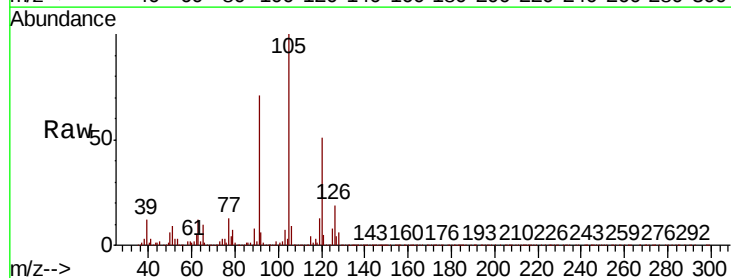
Acq: 13 Dec 2019 05:03

Tgt Ion: 105 Resp: 419235

Ion Ratio Lower Upper

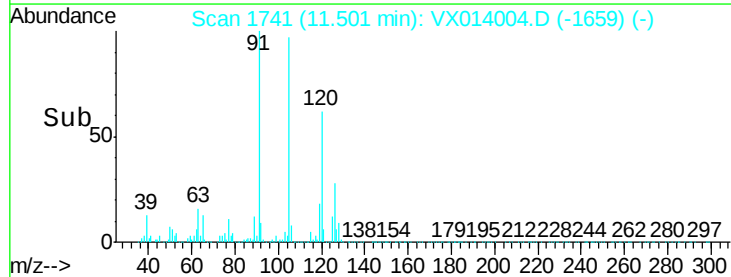
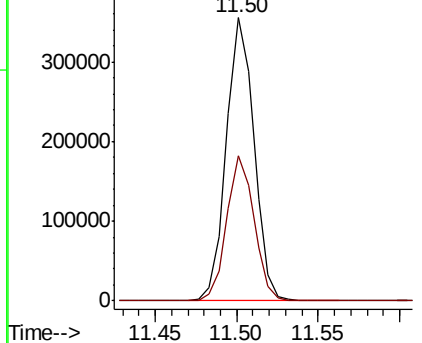
105 100

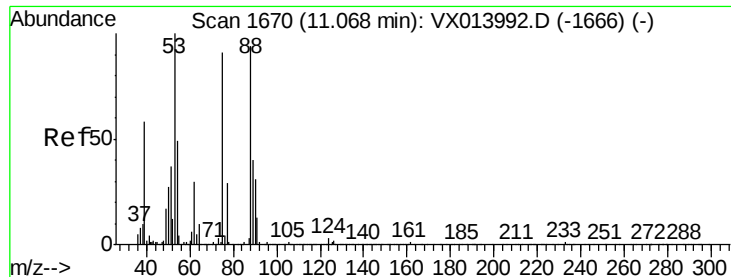
120 50.5 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): VX014004.D (-1659) (-)

Ion 120.00 (119.70 to 120.70): VX014004.D (-1659) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 16.731 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

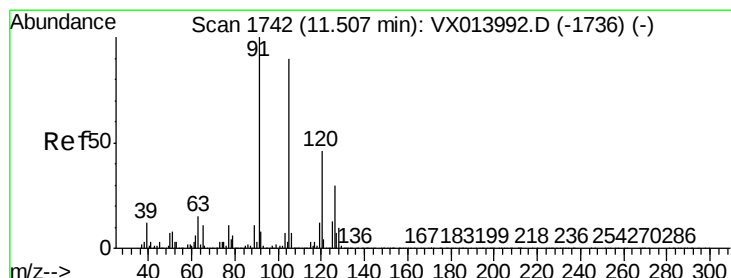
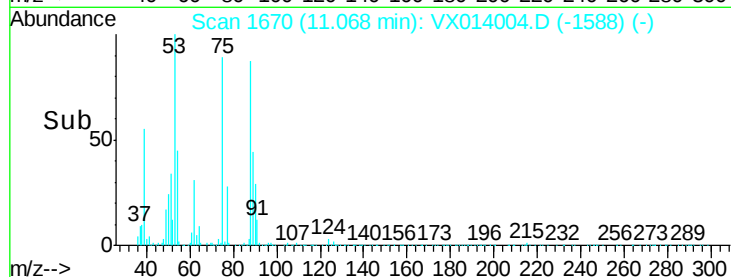
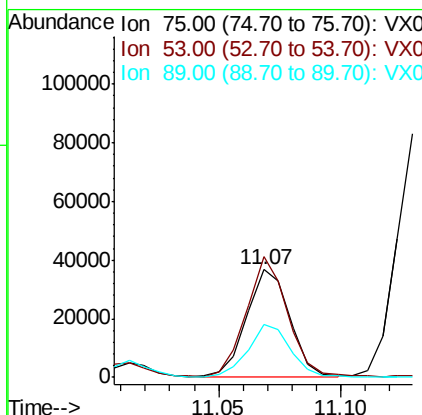
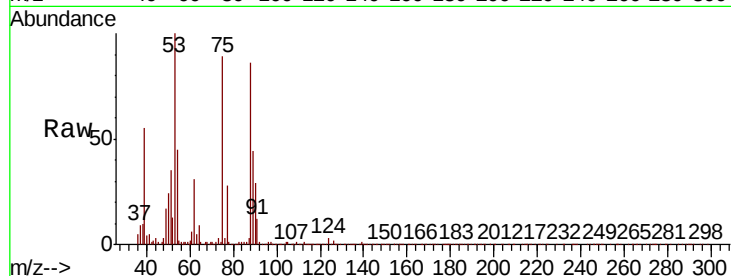
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	45029
Ion	Ratio	Lower	Upper
75	100		
53	112.3	54.4	163.1
89	49.9	21.9	65.5

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#78

4-Chlorotoluene

Concen: 19.018 ug/l

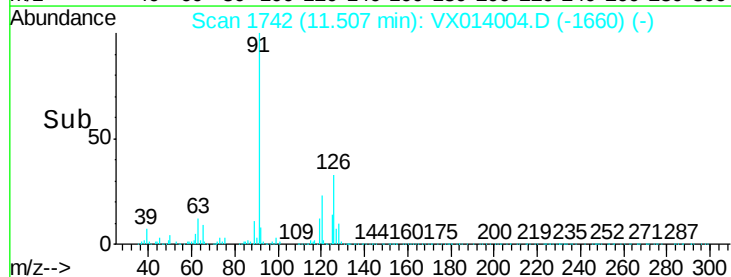
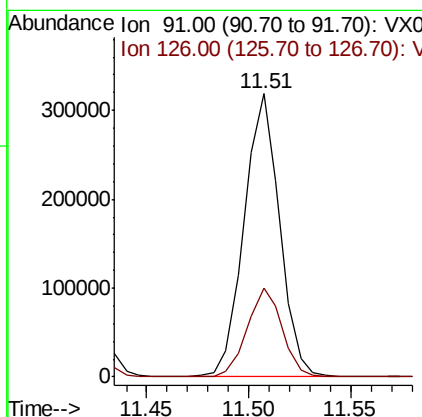
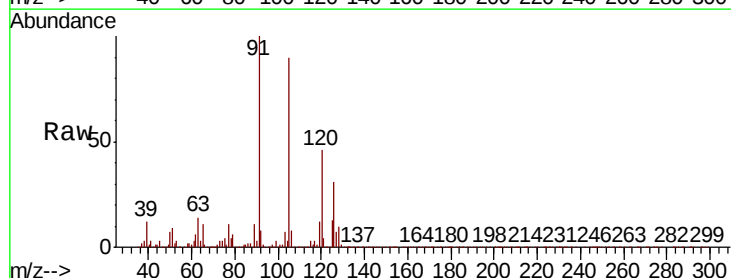
RT: 11.51 min Scan# 1742

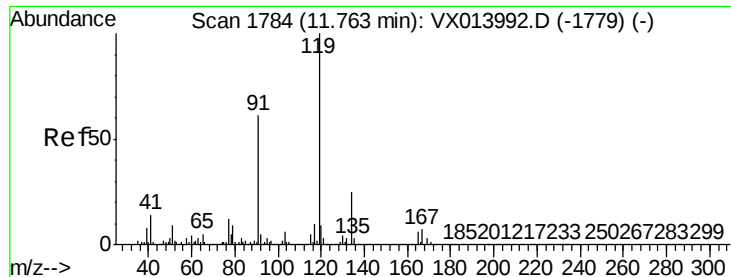
Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Tgt Ion:	91	Resp:	384537
Ion	Ratio	Lower	Upper
91	100		
126	30.9	0.0	59.6





#79

tert-butylbenzene

Concen: 19.997 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

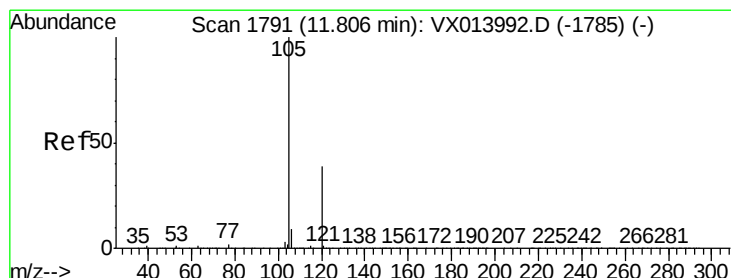
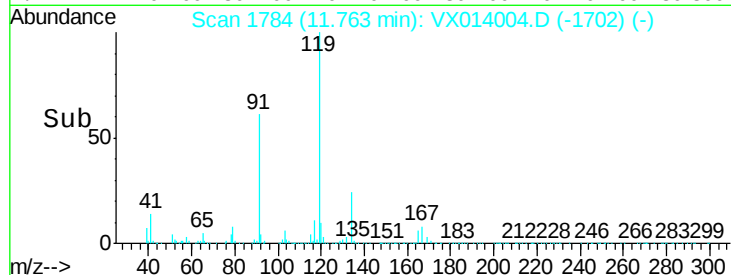
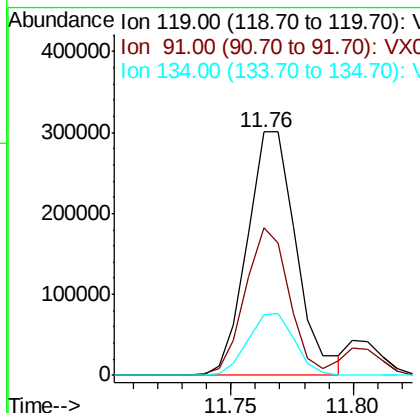
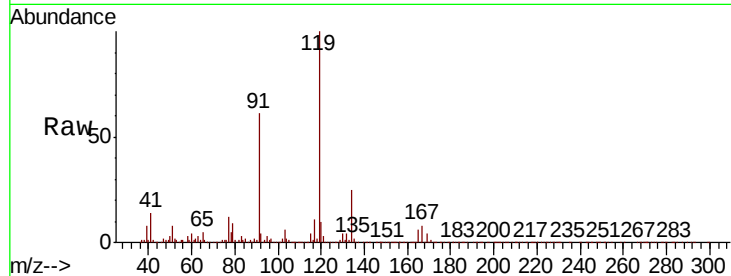
ClientSampleId :

VSTDCCC020EC

Tot Ion:	119	Resp:	422166
Ion Ratio	Lower	Upper	
119	100		
91	54.5	0.0	112.6
134	24.1	0.0	49.8

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#80

1,2,4-Trimethylbenzene

Concen: 19.064 ug/l

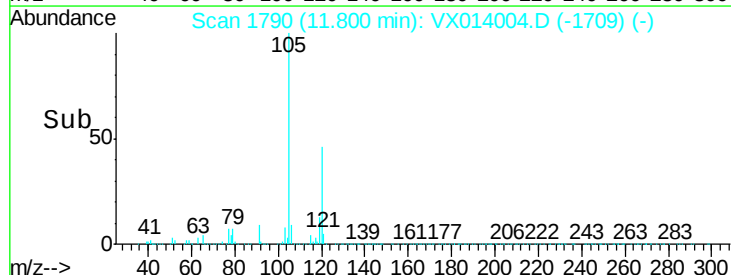
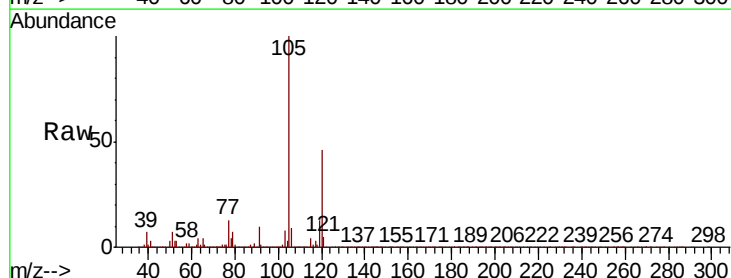
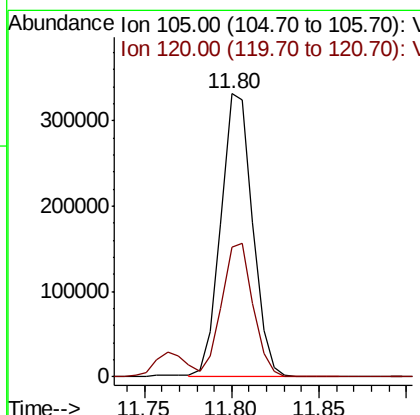
RT: 11.80 min Scan# 1790

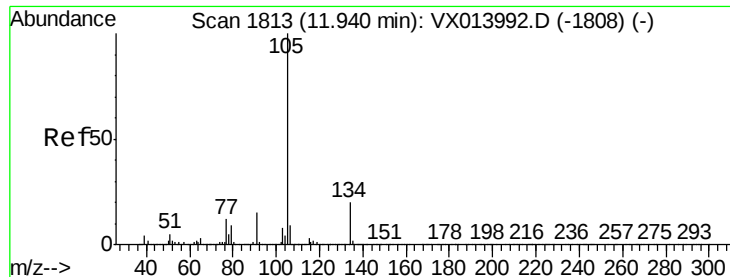
Delta R.T. -0.01 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Tgt Ion:	105	Resp:	417502
Ion Ratio	Lower	Upper	
105	100		
120	46.6	0.0	92.0





#81

sec-Butylbenzene

Concen: 19.058 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 478554

Ion Ratio Lower Upper

105 100

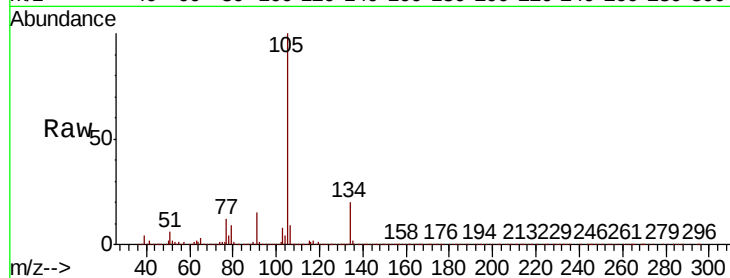
134 20.7 0.0 40.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

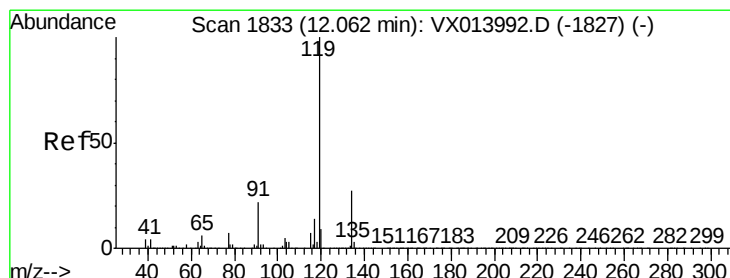
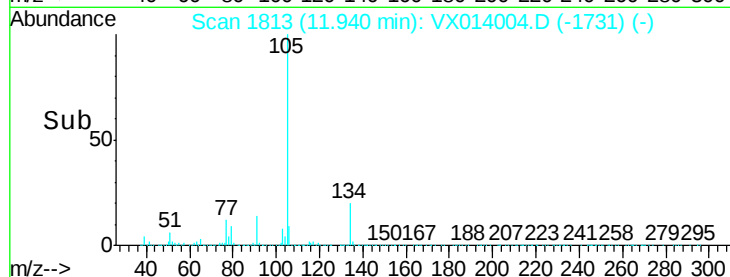
300000

200000

100000

0

Time-->



#82

p-Isopropyltoluene

Concen: 18.941 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

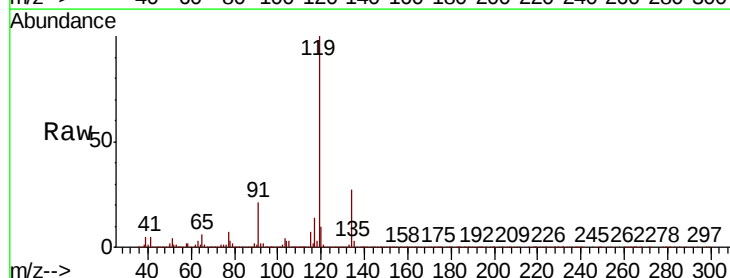
Tgt Ion:119 Resp: 429208

Ion Ratio Lower Upper

119 100

134 26.8 0.0 53.8

91 22.6 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

500000

400000

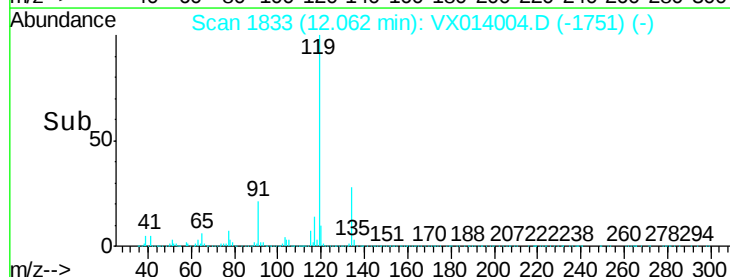
300000

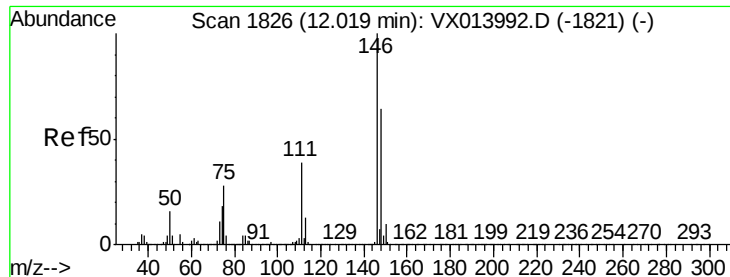
200000

100000

0

Time-->





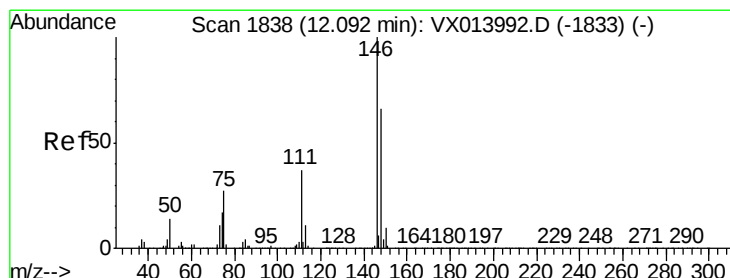
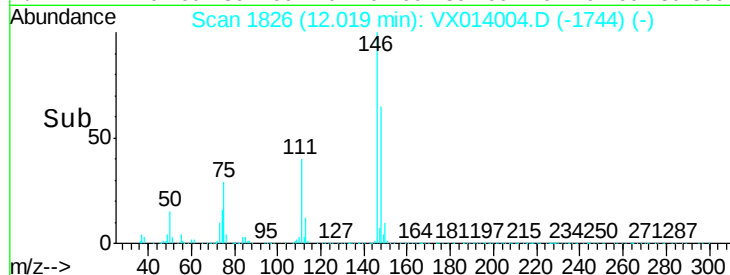
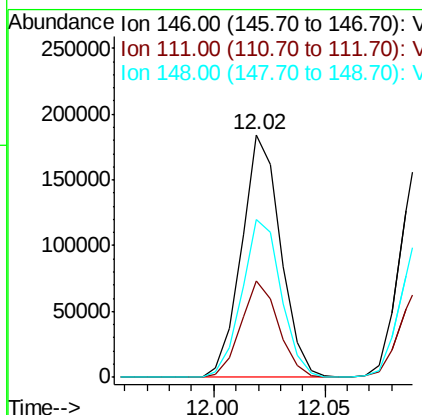
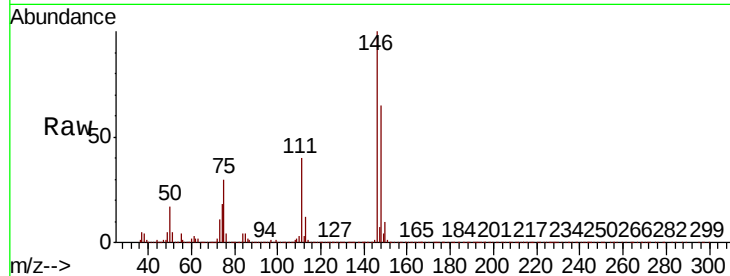
#83
1,3-Dichlorobenzene
Concen: 18.741 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.9
148	65.5	32.2	96.6

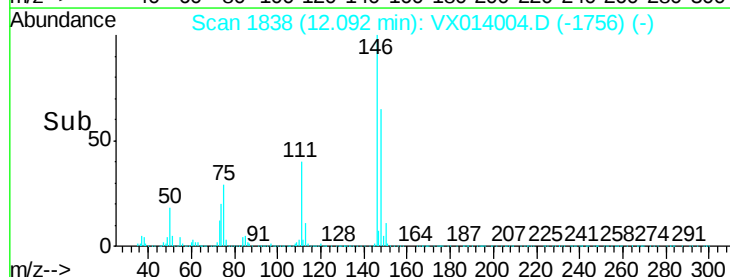
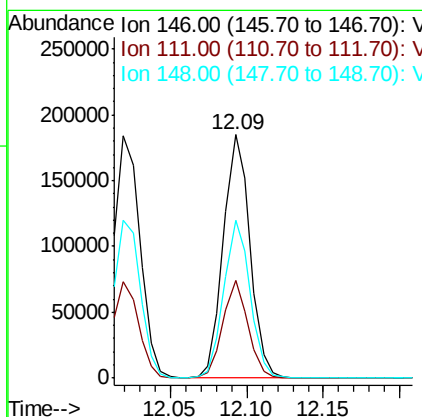
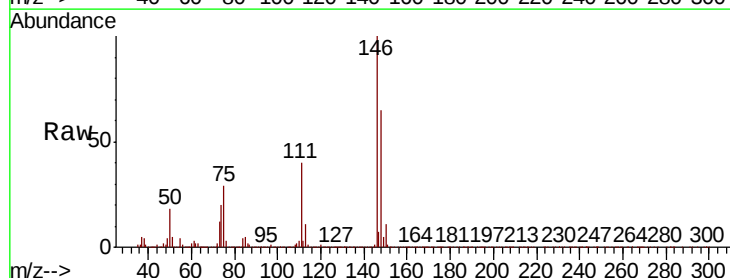
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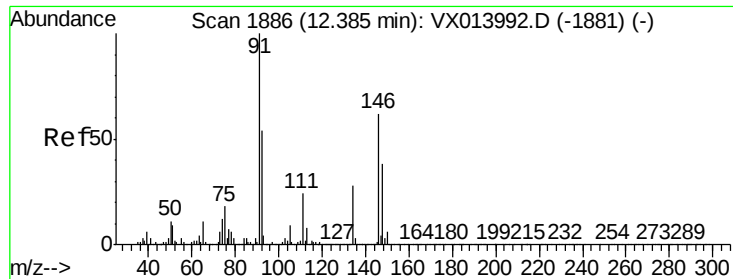
MMDadoda
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#84
1,4-Dichlorobenzene
Concen: 18.636 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.4
148	64.3	32.0	96.0





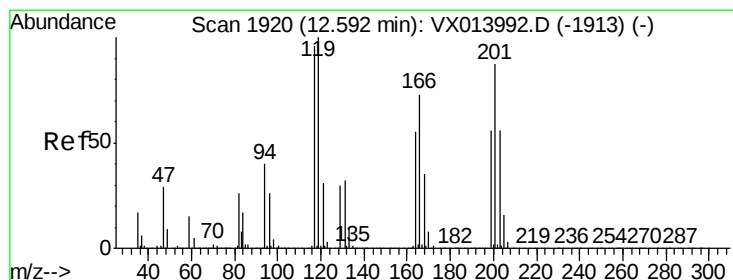
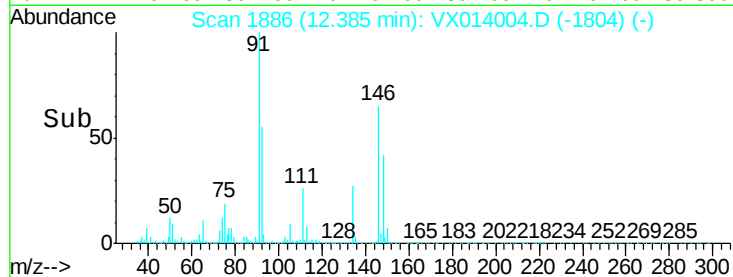
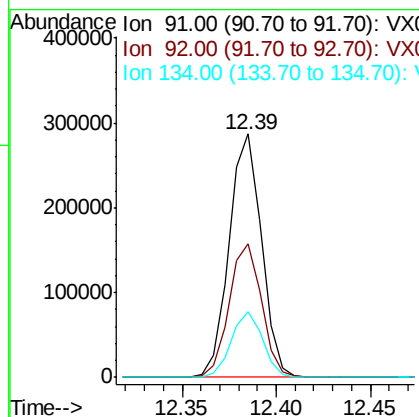
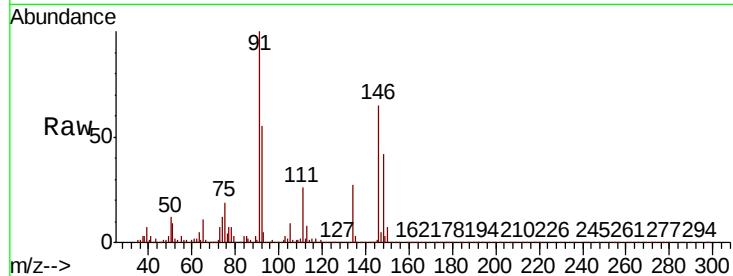
#85
n-Butylbenzene
Concen: 17.897 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	340992		
92	55.0	0.0	109.0	
134	26.3	0.0	54.0	

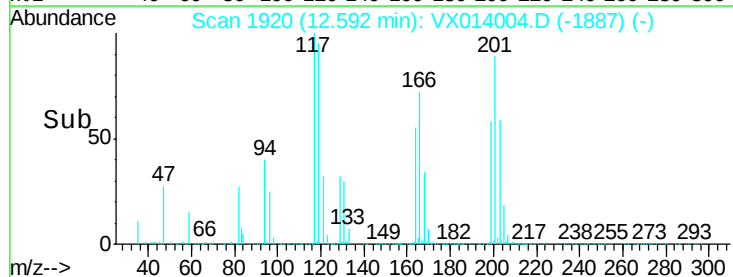
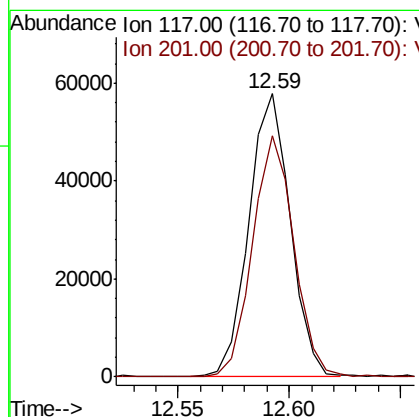
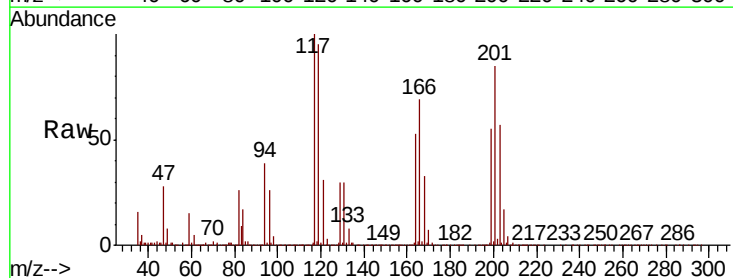
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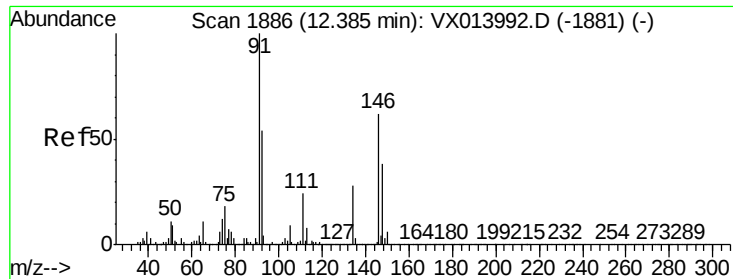
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#86
Hexachloroethane
Concen: 18.089 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	74362		
201	85.8	44.8	134.3	





#87

1,2-Dichlorobenzene

Concen: 19.120 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014004.D

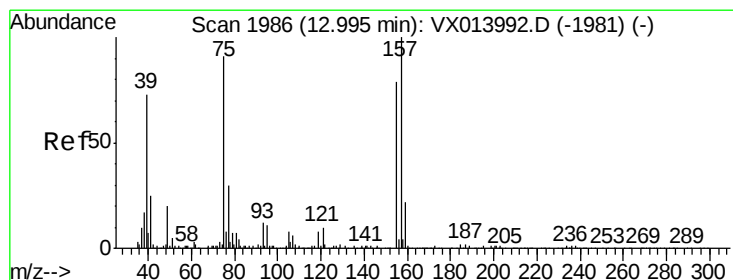
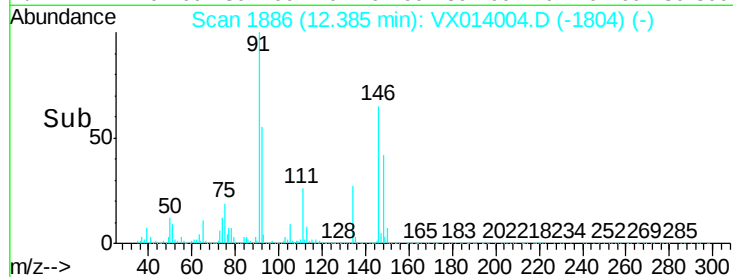
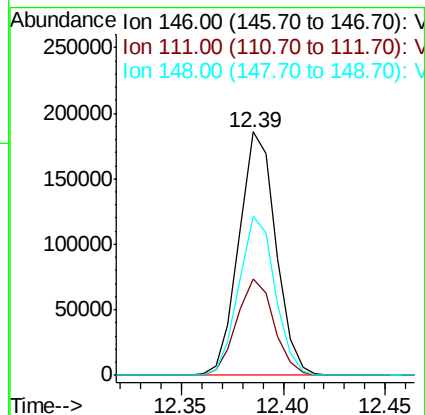
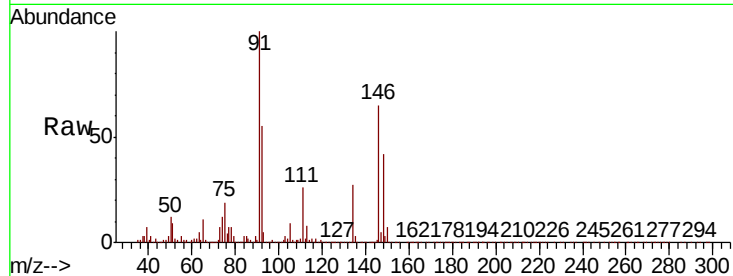
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.1	60.2
148	64.5	32.0	96.2

Manual Integrations
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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.261 ug/l

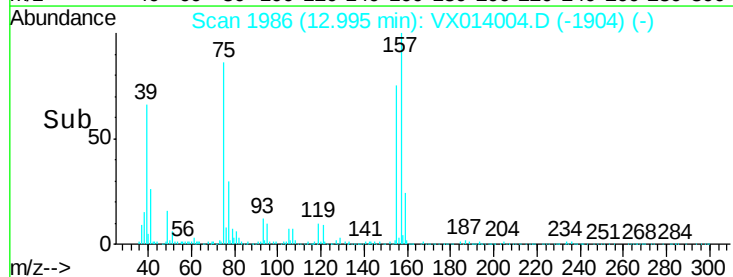
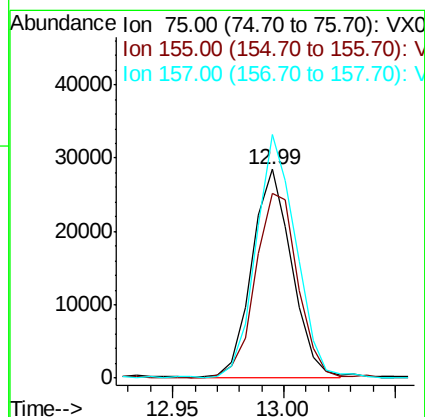
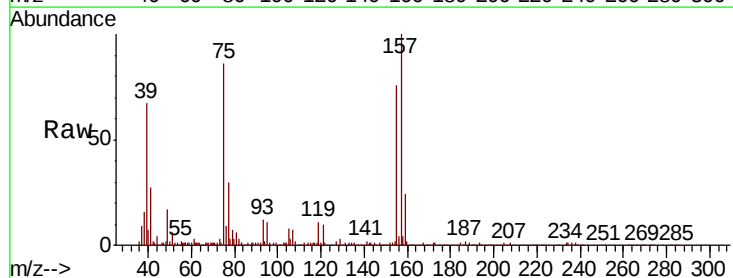
RT: 12.99 min Scan# 1986

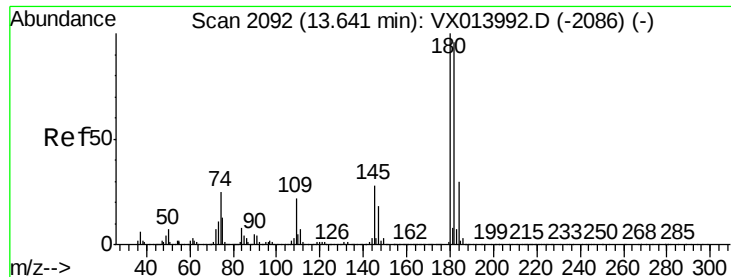
Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.0	73.8	110.6
157	117.2	95.0	142.4





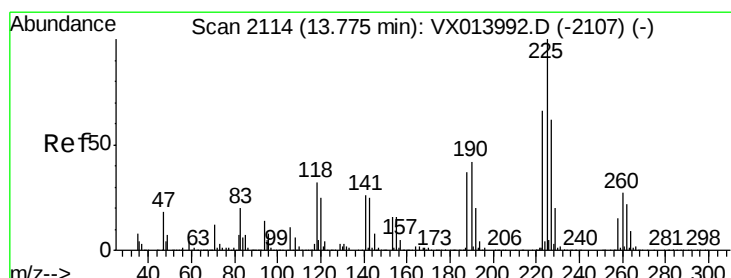
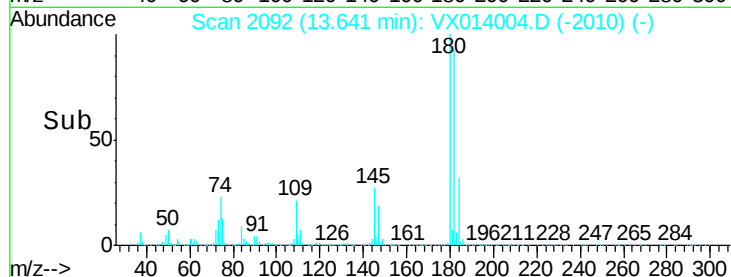
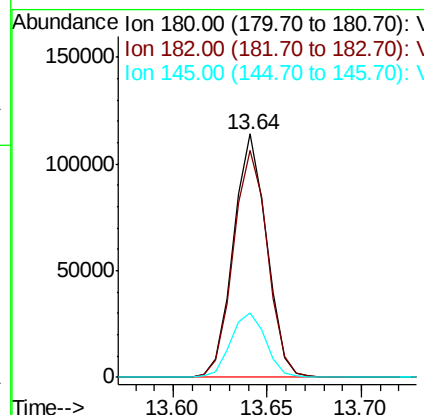
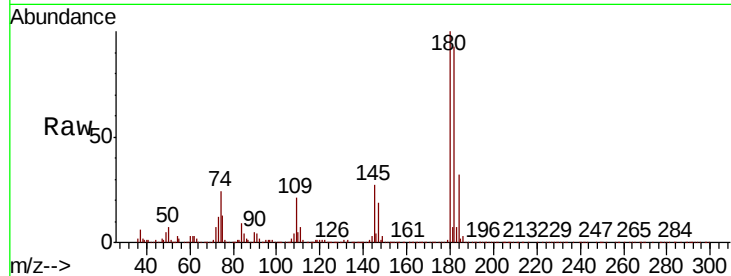
#89
 1,2,4-Trichlorobenzene
 Concen: 17.947 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	139964		
182	95.7	76.4	114.6	
145	28.0	21.9	32.9	

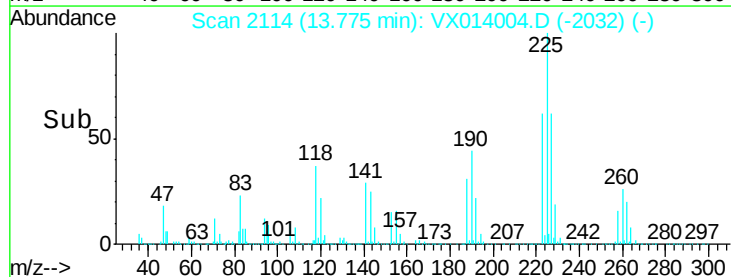
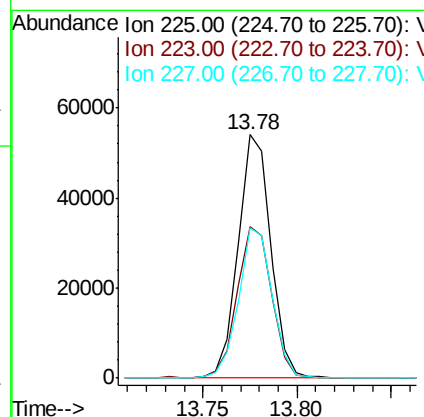
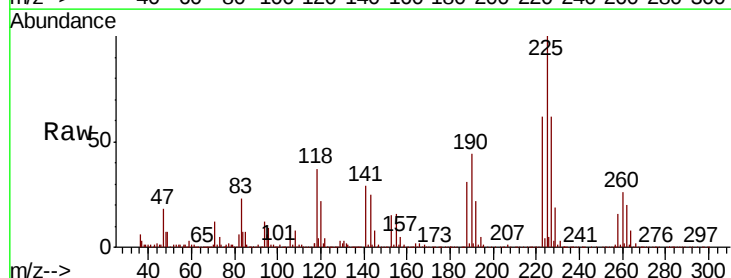
Manual Integrations
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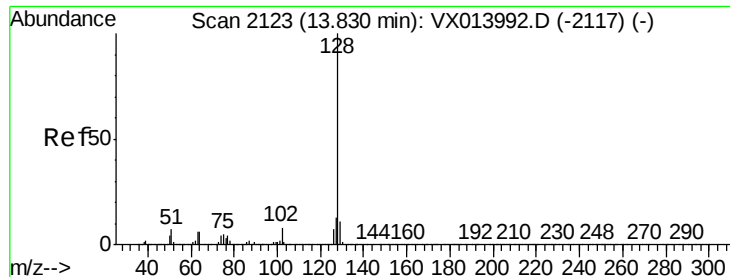
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#90
 Hexachlorobutadiene
 Concen: 17.599 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65238		
223	65.4	0.0	127.4	
227	63.4	0.0	122.8	





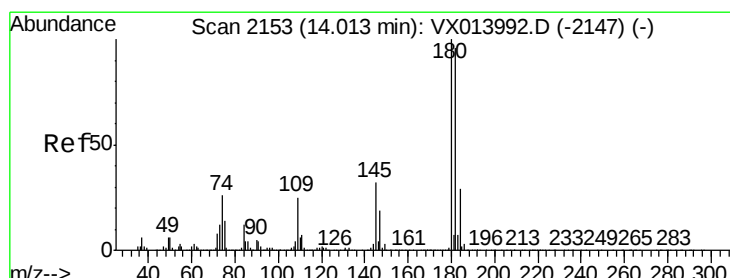
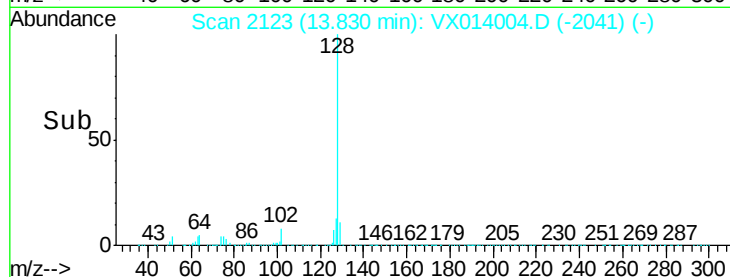
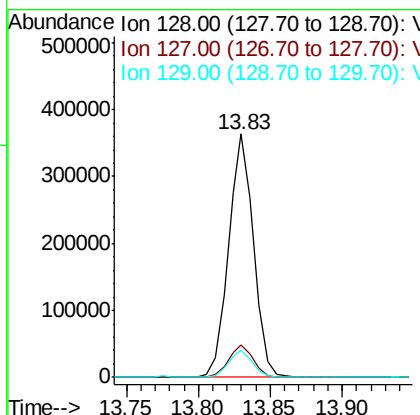
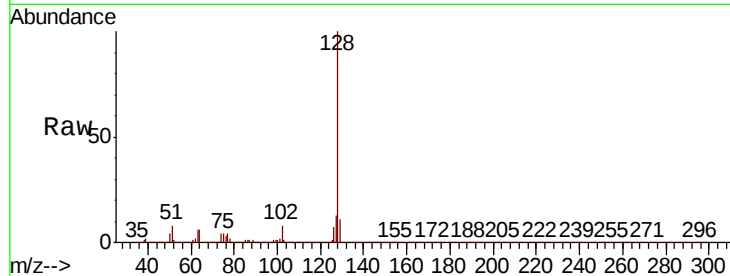
#91
Naphthalene
Concen: 18.778 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.420 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	0.0	192.8
145	28.9	0.0	60.0

