

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050420\
 Data File : VX016034.D
 Acq On : 04 May 2020 13:33
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:35:26 AM

Quant Time: May 04 13:54:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 13:19:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	306871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	496663	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	462159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	244422	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	602721	128.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	257.80%	
35) Dibromofluoromethane	5.47	113	475947	135.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	271.12%	
50) Toluene-d8	8.70	98	1819473	139.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	278.14%	
62) 4-Bromofluorobenzene	11.12	95	740801	157.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	485904	150.290	ug/l	100
3) Chloromethane	1.31	50	527790	136.477	ug/l	100
4) Vinyl Chloride	1.39	62	575973	141.393	ug/l	100
5) Bromomethane	1.62	94	267509	108.278	ug/l	97
6) Chloroethane	1.69	64	295638	115.798	ug/l	98
7) Trichlorofluoromethane	1.90	101	768846	144.343	ug/l	98
8) Diethyl Ether	2.17	74	321147	142.408	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	448797	146.419	ug/l	99
10) Methyl Iodide	2.48	142	643131	164.175	ug/l	100
11) Tert butyl alcohol	3.04	59	787540	787.677	ug/l	100
12) 1,1-Dichloroethene	2.35	96	466238	145.167	ug/l	99
13) Acrolein	2.28	56	519630	847.929	ug/l	100
14) Allyl chloride	2.70	41	857956	146.266	ug/l	99
15) Acrylonitrile	3.12	53	1575324	746.138	ug/l	99
16) Acetone	2.43	43	1312037	724.838	ug/l	98
17) Carbon Disulfide	2.54	76	1422761	123.921	ug/l	100
18) Methyl Acetate	2.75	43	644548	144.527	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1642874	149.999	ug/l	100
20) Methylene Chloride	2.83	84	518434	135.669	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	509565	141.179	ug/l	100
22) Diisopropyl ether	3.83	45	1618742	146.182	ug/l	91
23) Vinyl Acetate	3.79	43	7325253	764.196	ug/l	99
24) 1,1-Dichloroethane	3.67	63	914966	148.155	ug/l	100
25) 2-Butanone	4.65	43	2210226	772.851	ug/l	100
26) 2,2-Dichloropropane	4.55	77	805768	141.003	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	579793	149.244	ug/l	98
28) Bromochloromethane	4.99	49	427579	152.824	ug/l	99
29) Tetrahydrofuran	5.10	42	1449169	760.965	ug/l	100
30) Chloroform	5.18	83	906002	147.223	ug/l	99
31) Cyclohexane	5.55	56	841964	146.112	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	824471	147.570	ug/l	99
36) 1,1-Dichloropropene	5.77	75	709158	143.049	ug/l	99
37) Ethyl Acetate	4.81	43	846202	149.888	ug/l	99
38) Carbon Tetrachloride	5.76	117	735772	147.688	ug/l	95

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Manual Integrations
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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	871563	147.420	ug/l	99
40) Benzene	6.12	78	2069174	142.614	ug/l	100
41) Methacrylonitrile	5.01	41	453641	148.787	ug/l	99
42) 1,2-Dichloroethane	6.17	62	735998	140.425	ug/l	100
43) Isopropyl Acetate	6.42	43	1359876	151.374	ug/l	100
44) Trichloroethene	7.19	130	661897	123.370	ug/l	99
45) 1,2-Dichloropropane	7.49	63	532046	146.026	ug/l	99
46) Dibromomethane	7.64	93	361173	145.779	ug/l	100
47) Bromodichloromethane	7.88	83	757349	152.251	ug/l	99
48) Methyl methacrylate	7.75	41	655675	155.111	ug/l	99
49) 1,4-Dioxane	7.72	88	310397	3035.967	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	4199130	767.750	ug/l	98
52) Toluene	8.77	92	1315974	147.215	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	900355	151.272	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	925349	147.975	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	528029	151.162	ug/l	99
56) Ethyl methacrylate	9.16	69	920357	166.533	ug/l	99
57) 1,3-Dichloropropane	9.35	76	901721	146.473	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	2349883	780.561	ug/l	100
59) 2-Hexanone	9.48	43	3343070	779.957	ug/l	98
60) Dibromochloromethane	9.57	129	609505	161.938	ug/l	100
61) 1,2-Dibromoethane	9.66	107	573596	151.855	ug/l	100
64) Tetrachloroethene	9.32	164	784916	133.739	ug/l	94
65) Chlorobenzene	10.12	112	1420909	144.999	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	537716	150.821	ug/l	99
67) Ethyl Benzene	10.24	91	2533463	145.330	ug/l	100
68) m/p-Xylenes	10.35	106	1937732	299.291	ug/l	97
69) o-Xylene	10.68	106	947179	152.861	ug/l	98
70) Styrene	10.70	104	1663598	161.270	ug/l	100
71) Bromoform	10.84	173	495207	178.498	ug/l #	100
73) Isopropylbenzene	11.01	105	2490602	137.192	ug/l	99
74) N-amyl acetate	10.88	43	1231417	148.313	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	637374	240.540	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	764267m	107.032	ug/l	
77) Bromobenzene	11.24	156	650805	138.724	ug/l	99
78) n-propylbenzene	11.35	91	2929463	139.088	ug/l	99
79) 2-Chlorotoluene	11.41	91	1730422	138.910	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2179347	144.175	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	365121	159.794	ug/l	97
82) 4-Chlorotoluene	11.50	91	2082818	142.440	ug/l	100
83) tert-Butylbenzene	11.76	119	1896600	145.690	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2216581	144.731	ug/l	99
85) sec-Butylbenzene	11.93	105	2533414	143.471	ug/l	99
86) p-Isopropyltoluene	12.05	119	2377029	145.527	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1167965	138.541	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1178793	139.656	ug/l	99
89) n-Butylbenzene	12.37	91	2207838	148.549	ug/l	100
90) Hexachloroethane	12.58	117	442695	163.089	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1133754	140.178	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	220425	150.924	ug/l	98

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ClientSampleId :
VSTDICC150

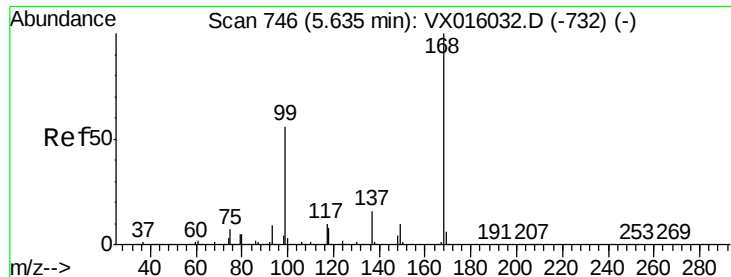
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	855491	143.433	ug/l	99
94) Hexachlorobutadiene	13.77	225	382949	136.698	ug/l	99
95) Naphthalene	13.82	128	2783482	144.951	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	824769	141.326	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 306871

Ion Ratio Lower Upper

168 100

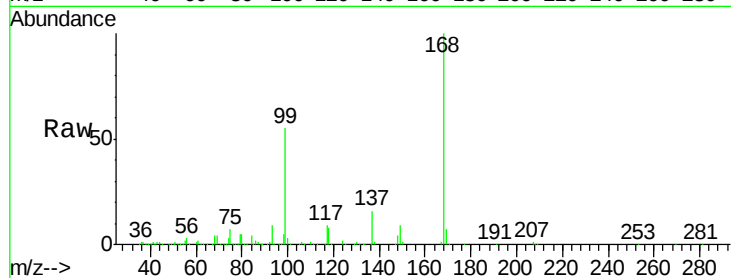
99 54.5 45.0 67.4

Manual Integrations

APPROVED

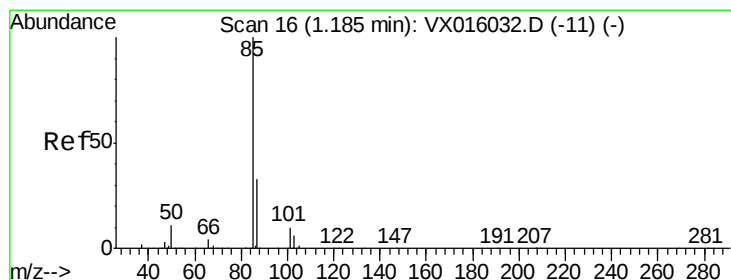
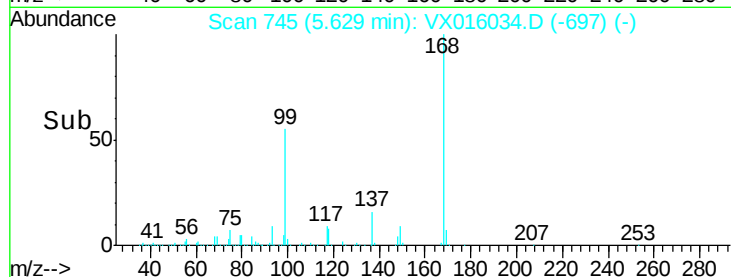
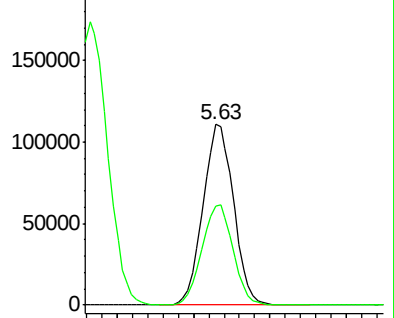
MMDadoda

5/5/2020 11:35:26 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 150.290 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016034.D

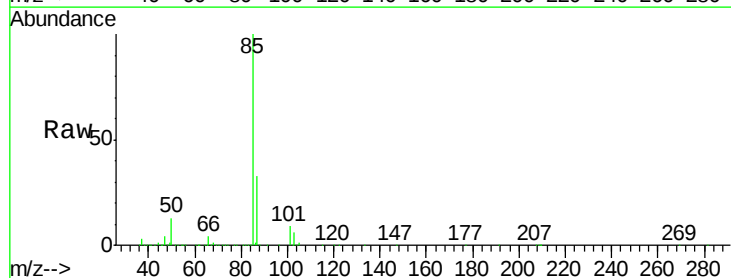
Acq: 04 May 2020 13:33

Tgt Ion: 85 Resp: 485904

Ion Ratio Lower Upper

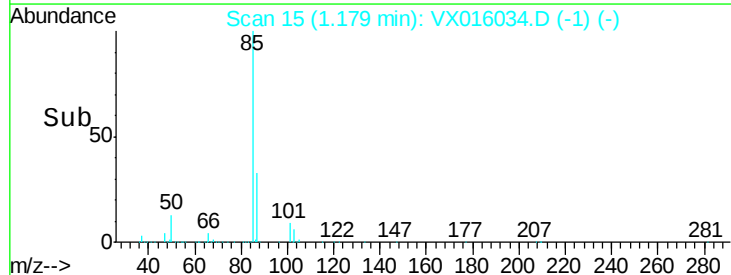
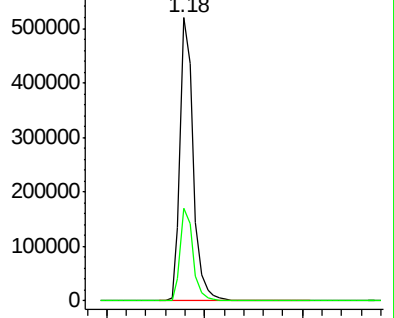
85 100

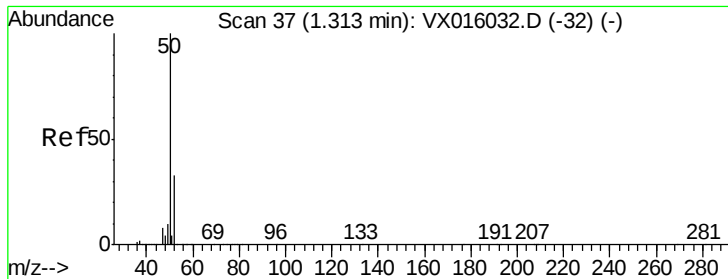
87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 136.477 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 527790

Ion Ratio Lower Upper

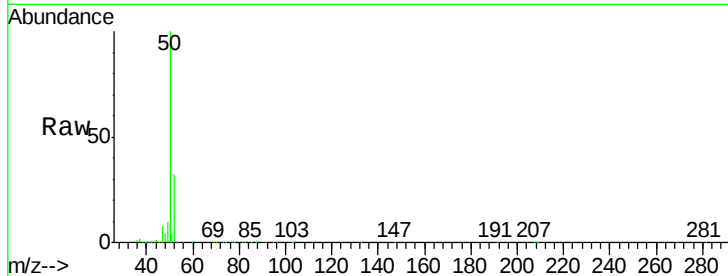
50 100

52 32.4 26.1 39.1

Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

600000

500000

400000

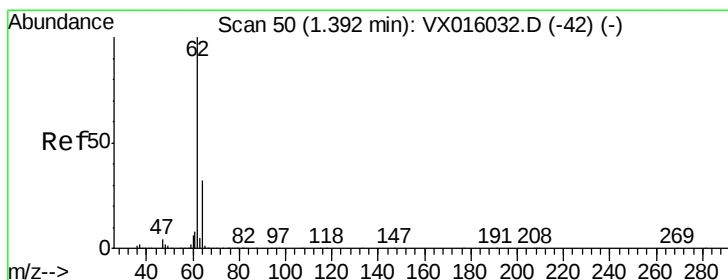
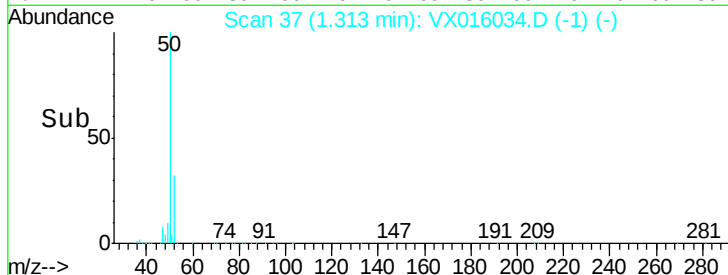
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 141.393 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016034.D

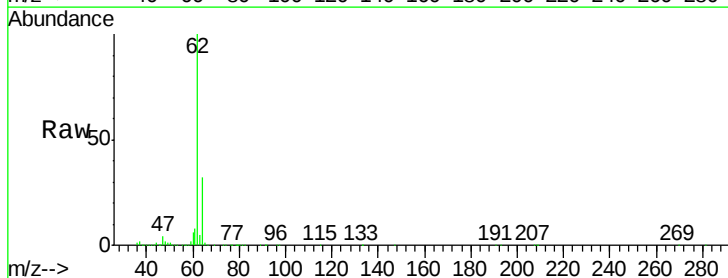
Acq: 04 May 2020 13:33

Tgt Ion: 62 Resp: 575973

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

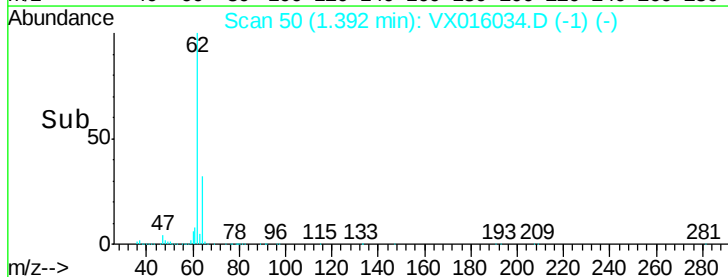
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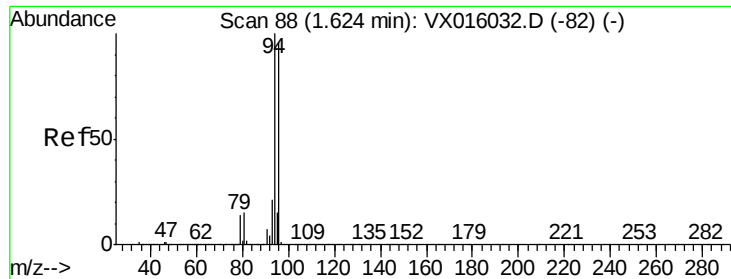
400000

200000

0

Time-->





#5

Bromomethane

Concen: 108.278 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 267509

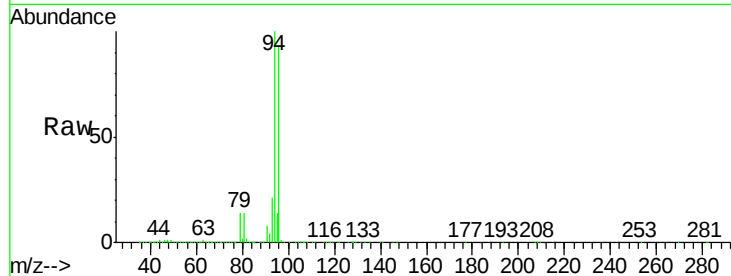
Ion Ratio Lower Upper

94 100

96 93.2 76.9 115.3

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

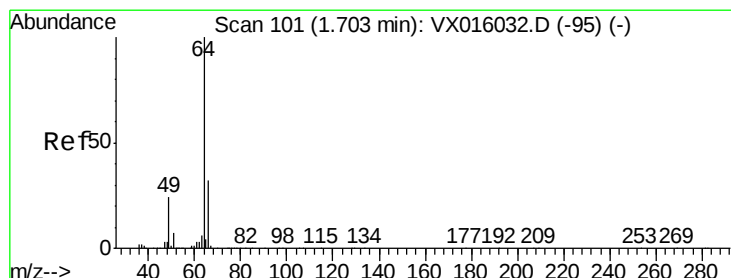
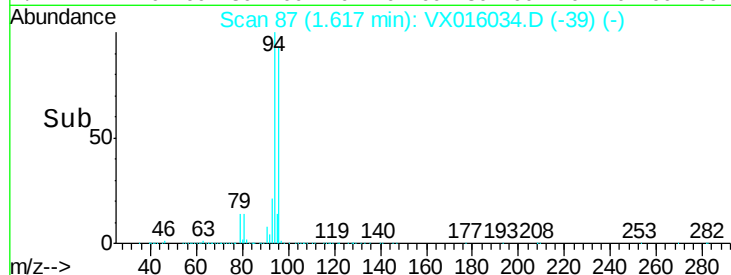
300000

200000

100000

0

Time-->



#6

Chloroethane

Concen: 115.798 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX016034.D

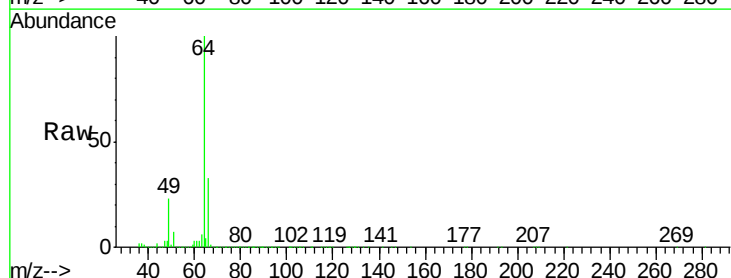
Acq: 04 May 2020 13:33

Tgt Ion: 64 Resp: 295638

Ion Ratio Lower Upper

64 100

66 32.6 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.69

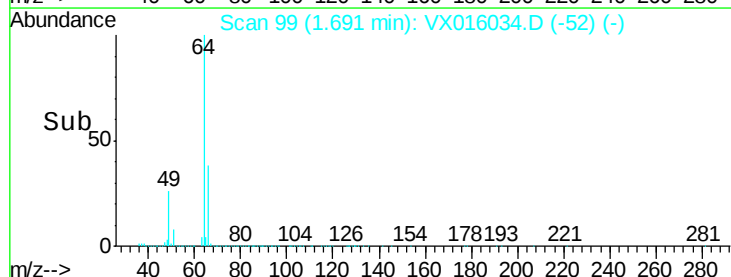
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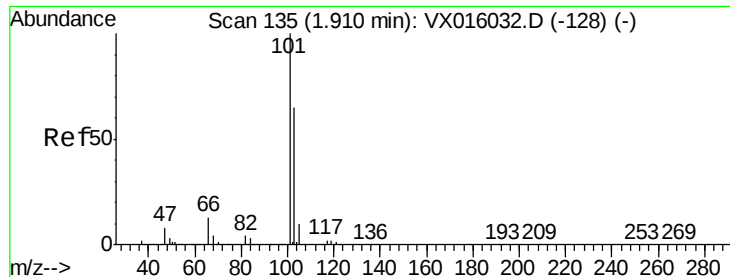
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Time-->





#7

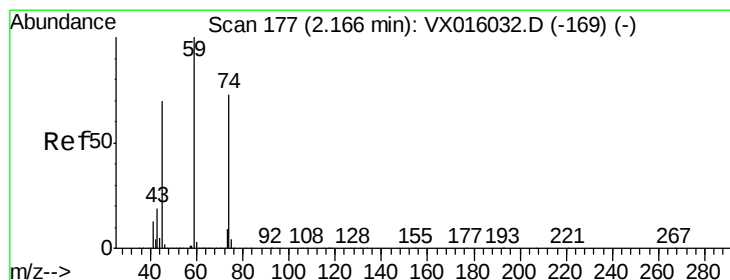
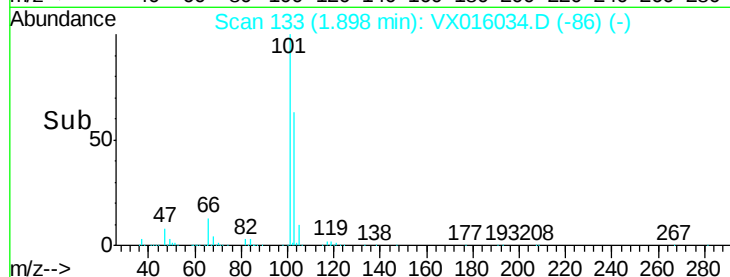
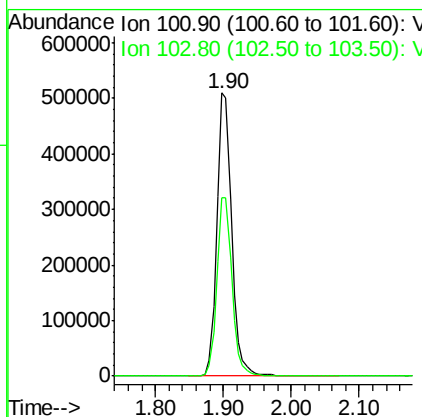
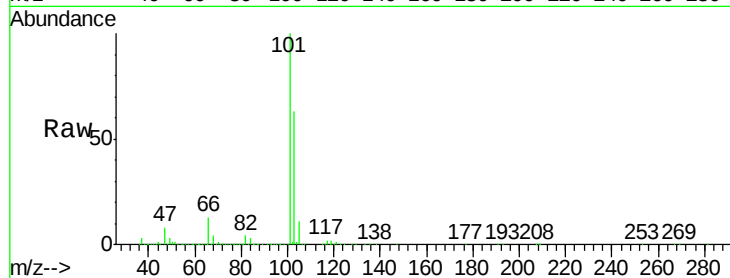
Trichlorofluoromethane
Concen: 144.343 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.01 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.8	77.6

Manual Integrations
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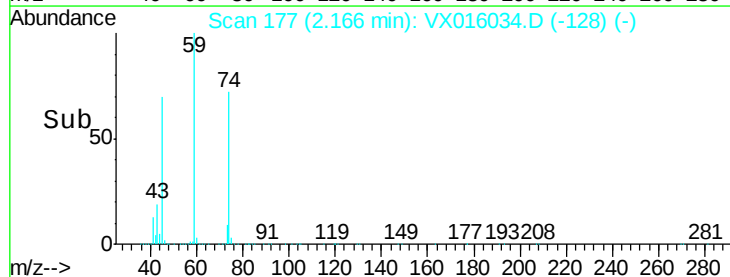
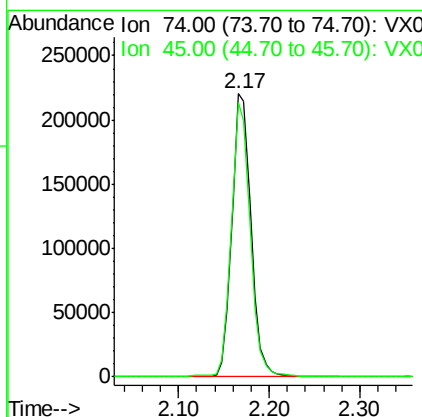
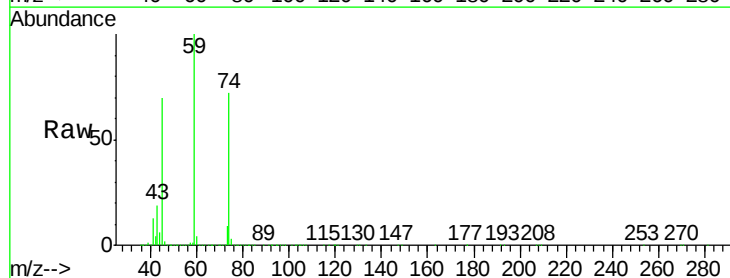
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5/5/2020 11:35:26 AM

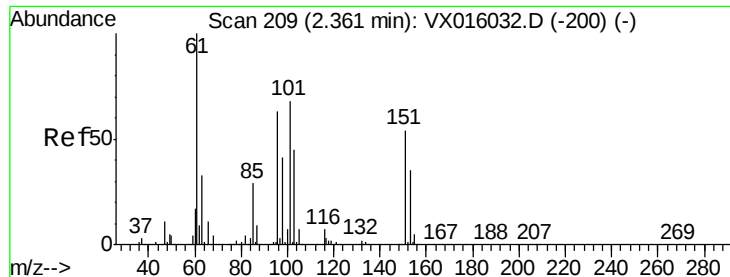


#8

Diethyl Ether
Concen: 142.408 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 146.419 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

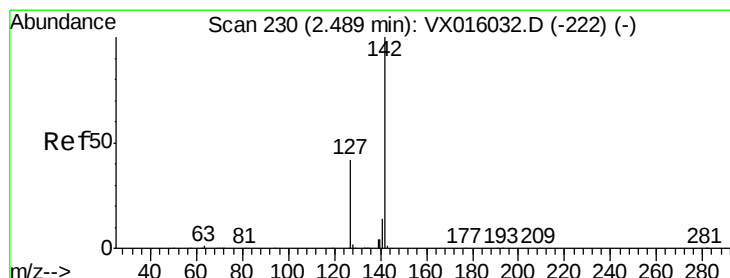
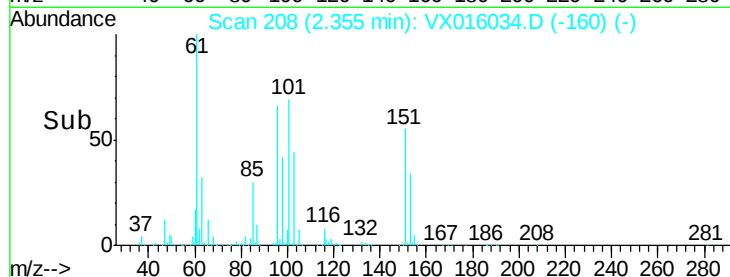
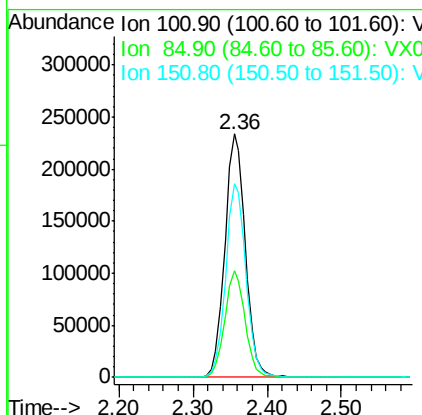
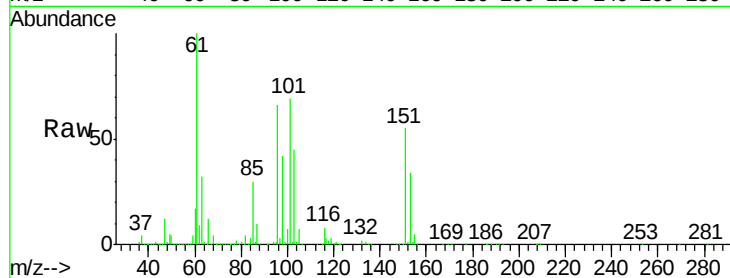
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	448797
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.2	51.4
151	79.0	62.1	93.1

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#10

Methyl Iodide

Concen: 164.175 ug/l

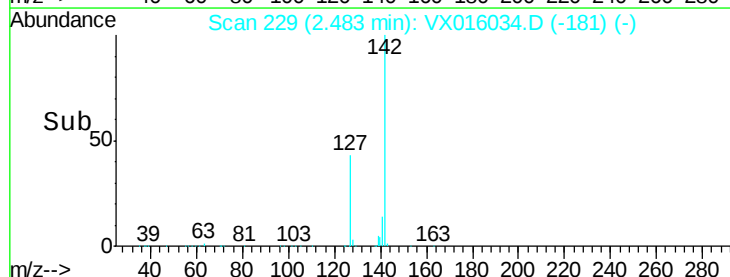
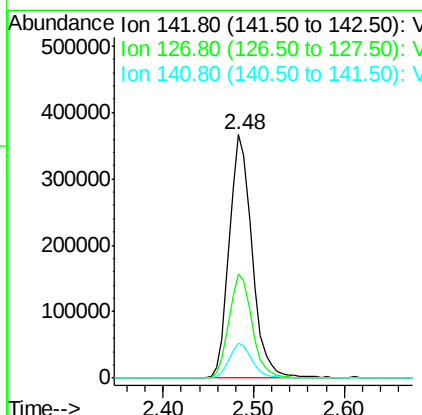
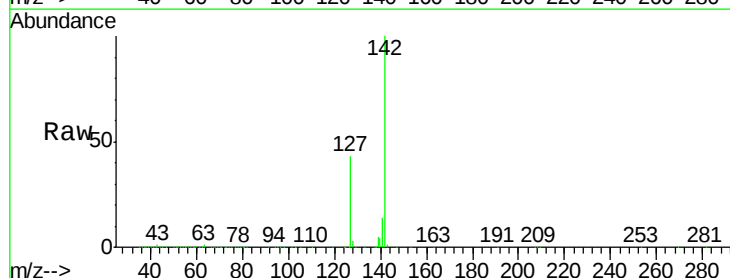
RT: 2.48 min Scan# 229

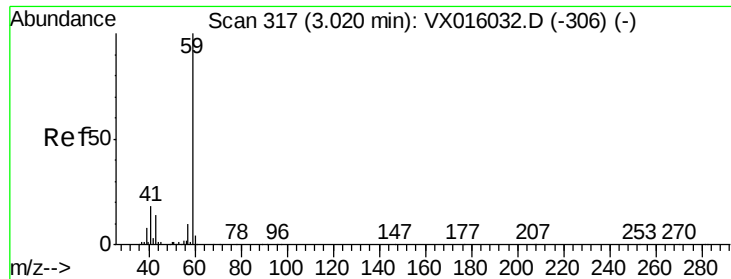
Delta R.T. -0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Tgt Ion:	142	Resp:	643131
Ion Ratio	Lower	Upper	
142	100		
127	43.4	34.6	52.0
141	14.3	11.3	16.9





#11

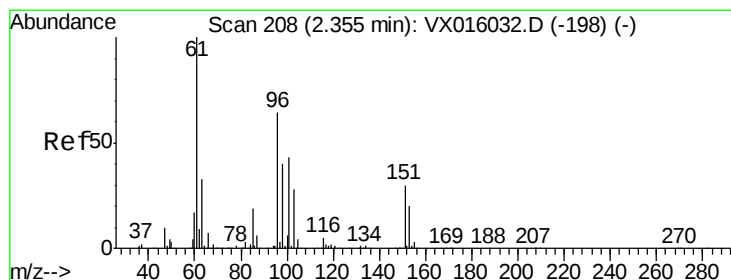
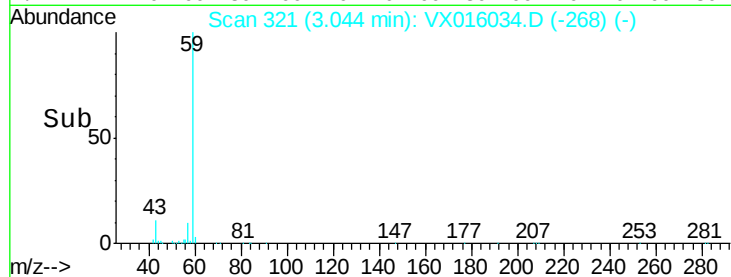
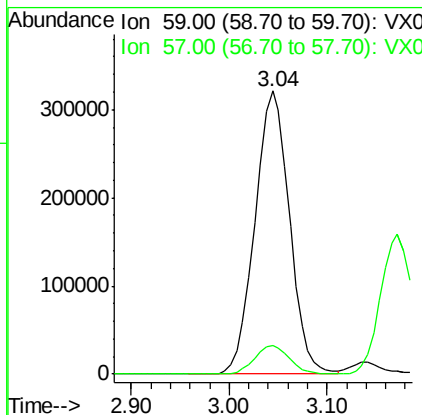
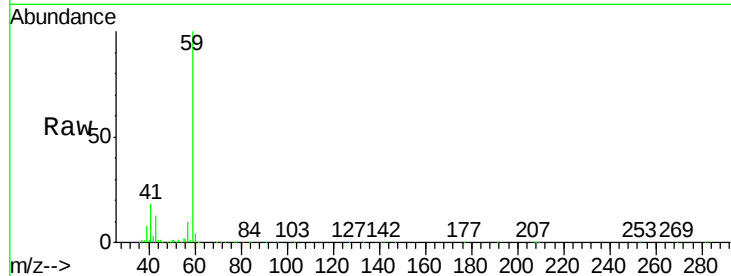
Tert butyl alcohol
Concen: 787.677 ug/l
RT: 3.04 min Scan# 321
Delta R.T. 0.02 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

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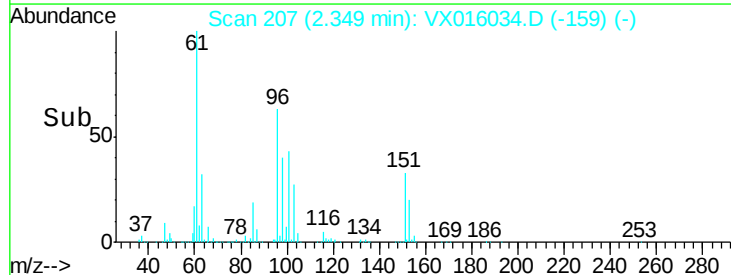
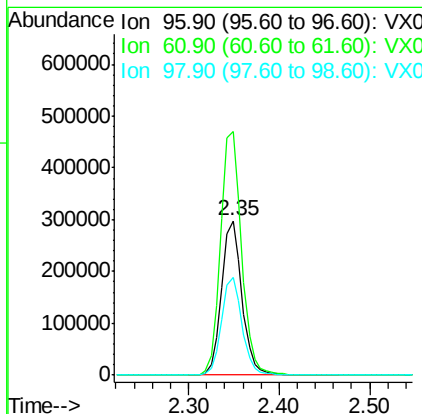
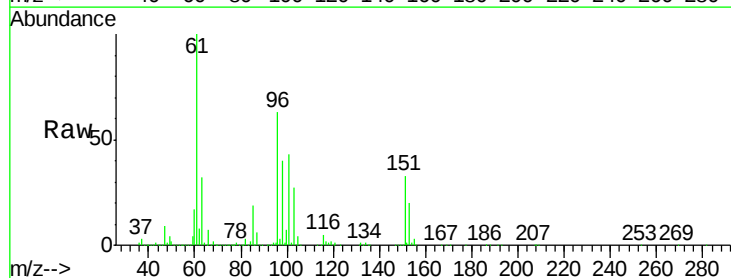
MMDadoda
5/5/2020 11:35:26 AM



#12

1,1-Dichloroethene
Concen: 145.167 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	124.8	187.2
98	62.9	49.7	74.5





#13

Acrolein

Concen: 847.929 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 519630

Ion Ratio Lower Upper

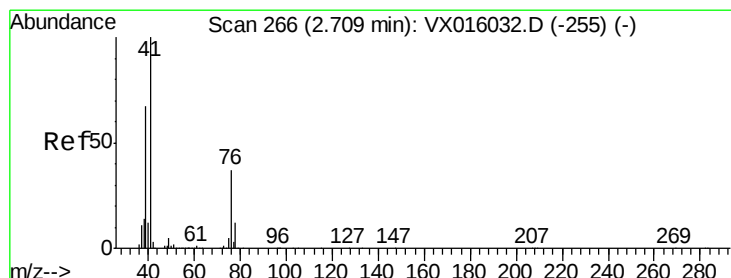
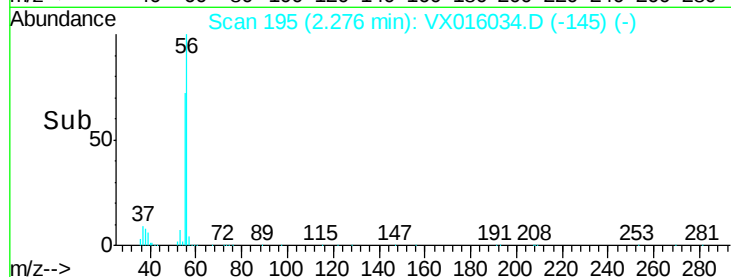
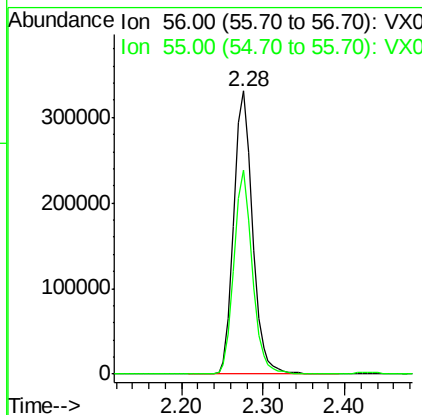
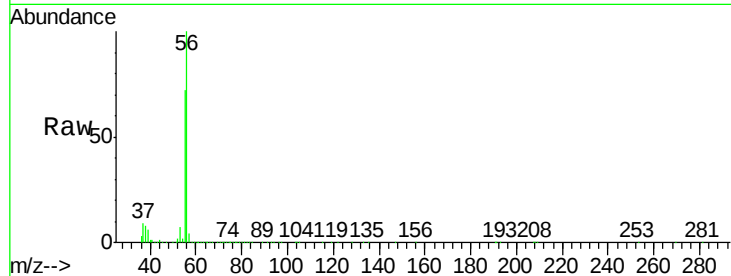
56 100

55 70.3 56.5 84.7

Manual Integrations
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#14

Allyl chloride

Concen: 146.266 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

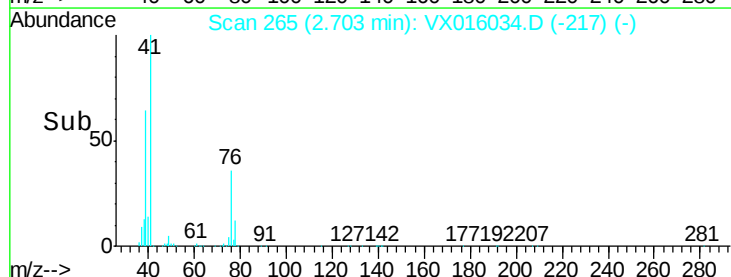
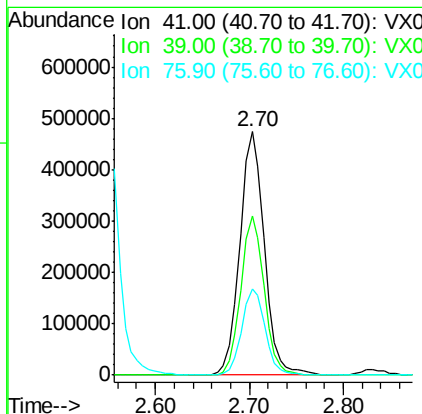
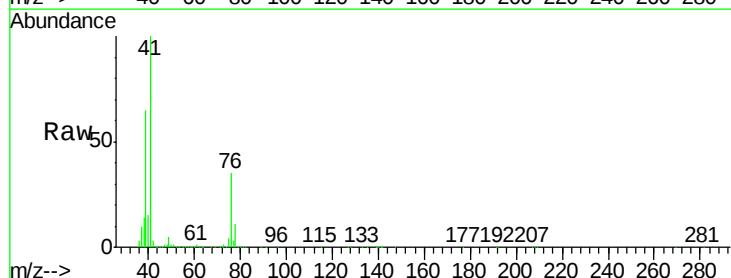
Tgt Ion: 41 Resp: 857956

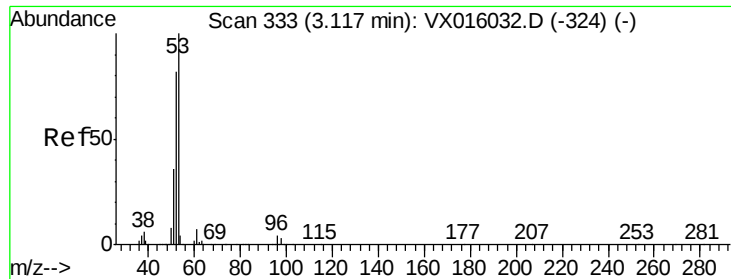
Ion Ratio Lower Upper

41 100

39 62.5 50.5 75.7

76 33.9 26.6 40.0





#15

Acrylonitrile

Concen: 746.138 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

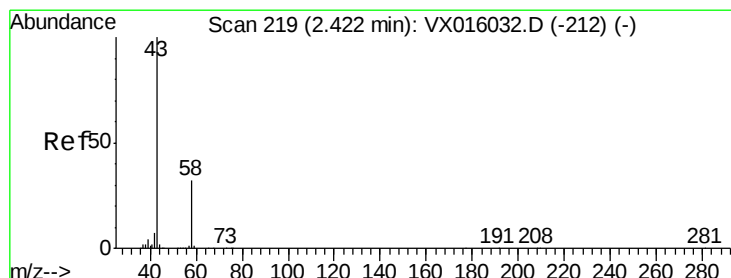
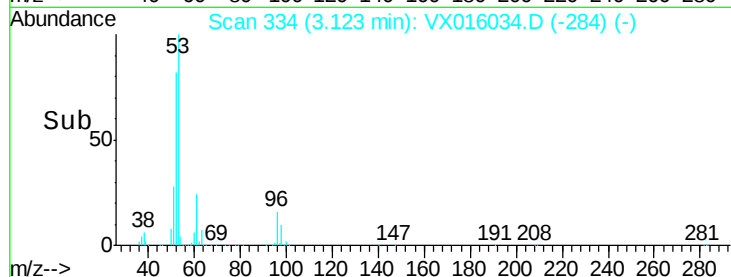
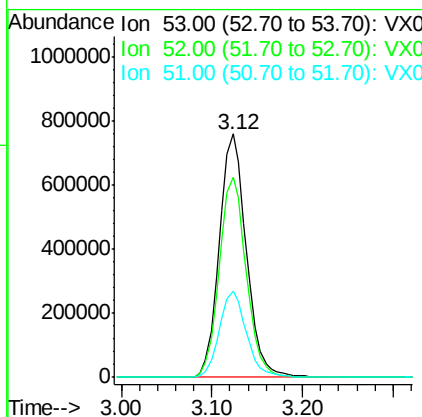
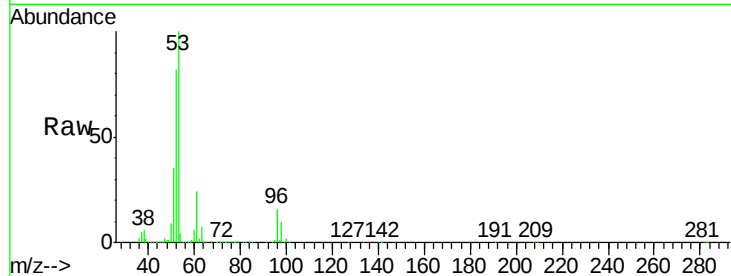
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	1575324
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.1	99.1
51	35.5	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 724.838 ug/l

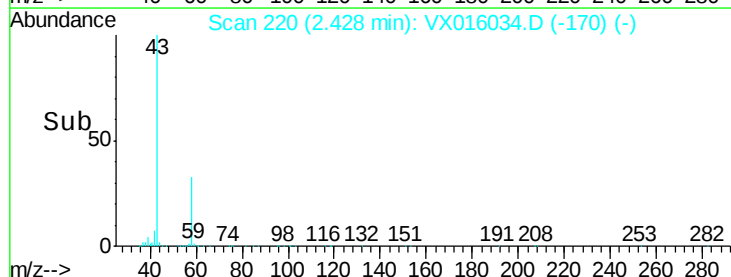
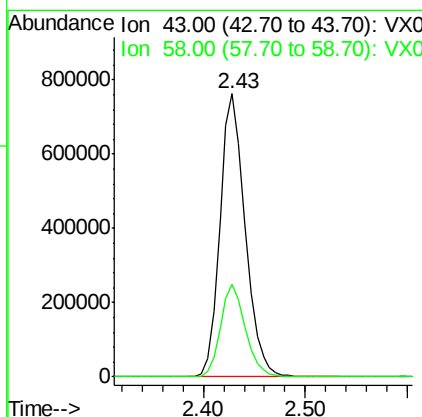
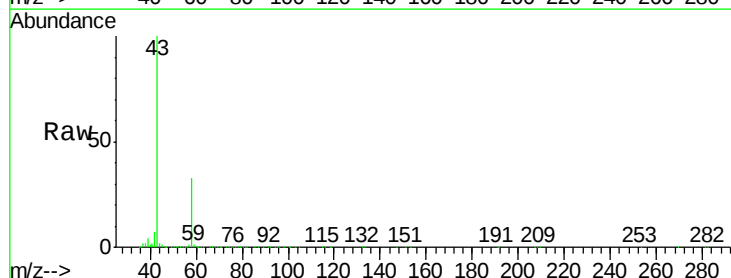
RT: 2.43 min Scan# 220

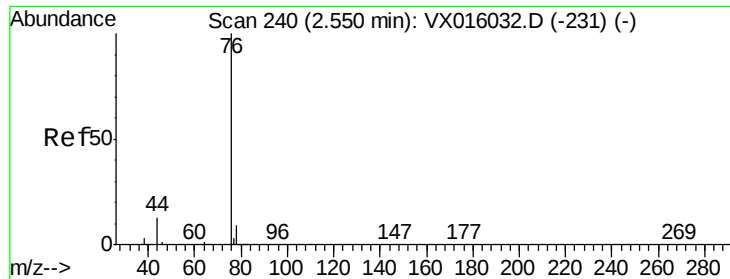
Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Tgt Ion:	43	Resp:	1312037
Ion	Ratio	Lower	Upper
43	100		
58	32.6	25.4	38.0





#17

Carbon Disulfide

Concen: 123.921 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1422761

Ion Ratio Lower Upper

76 100

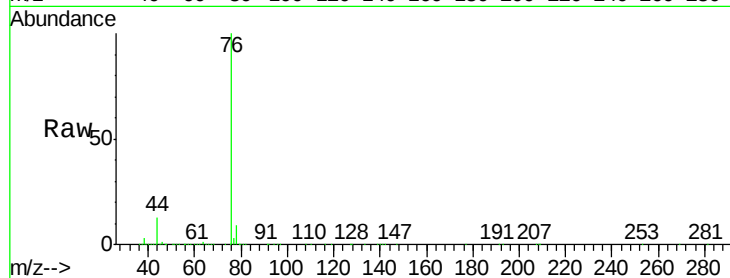
78 9.3 7.5 11.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

800000

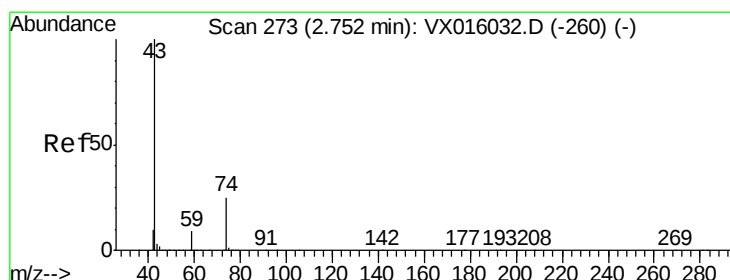
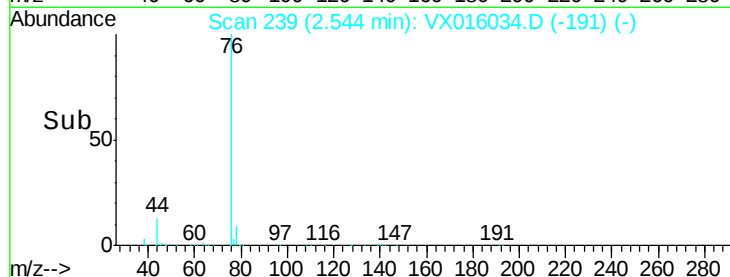
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 144.527 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016034.D

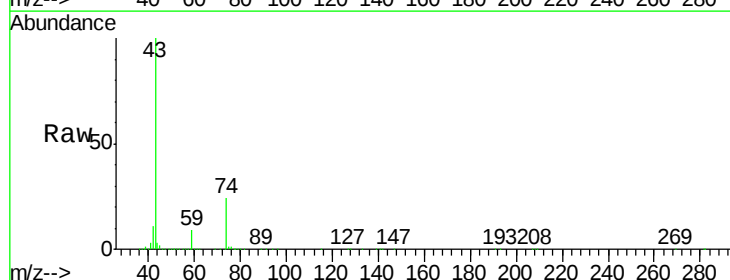
Acq: 04 May 2020 13:33

Tgt Ion: 43 Resp: 644548

Ion Ratio Lower Upper

43 100

74 24.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

400000

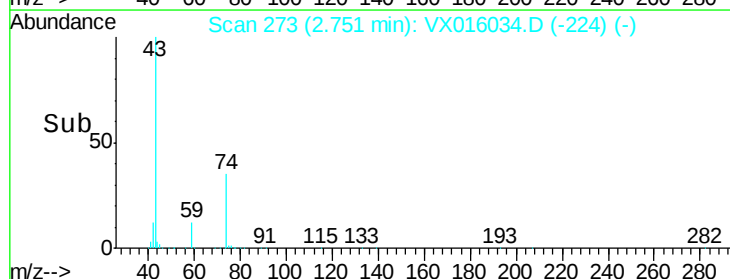
300000

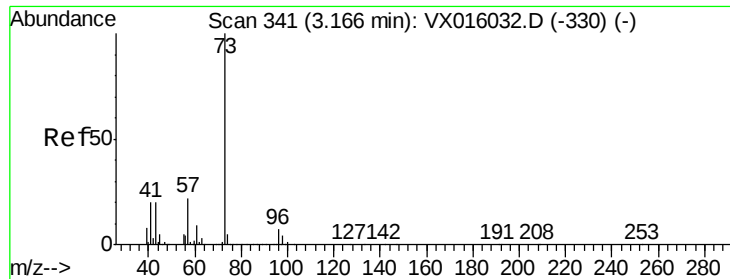
200000

100000

0

Time-->





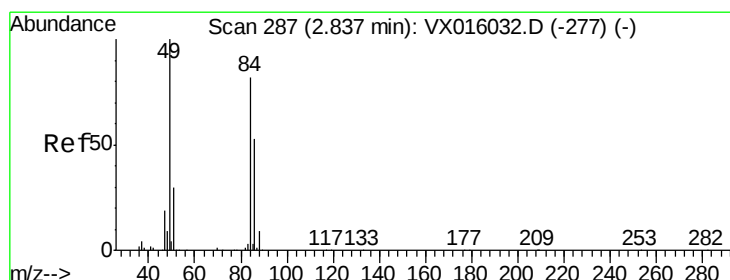
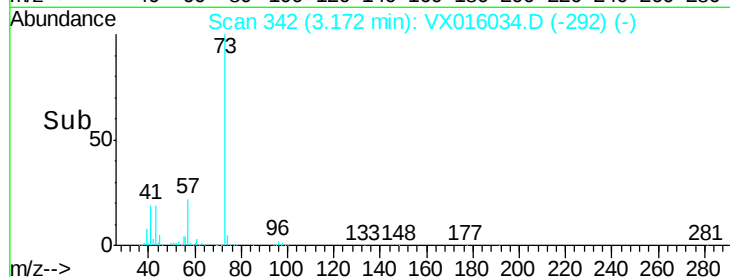
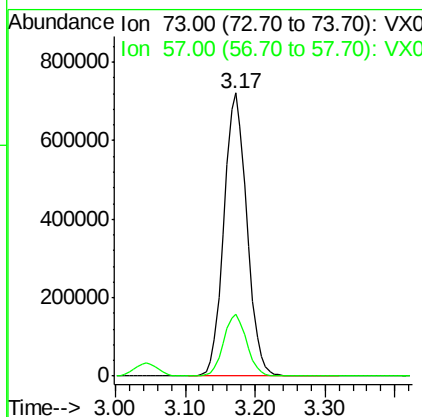
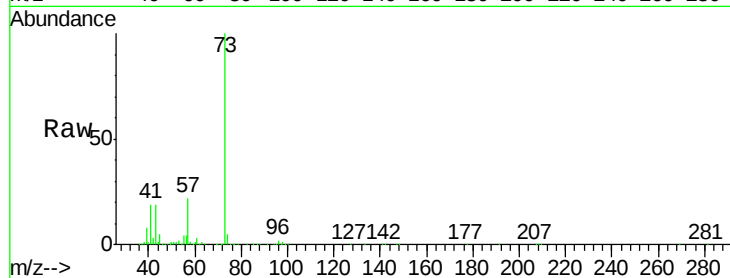
#19
Methvl tert-butvl Ether
Concen: 149.999 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 73 Resp: 1642874
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.6

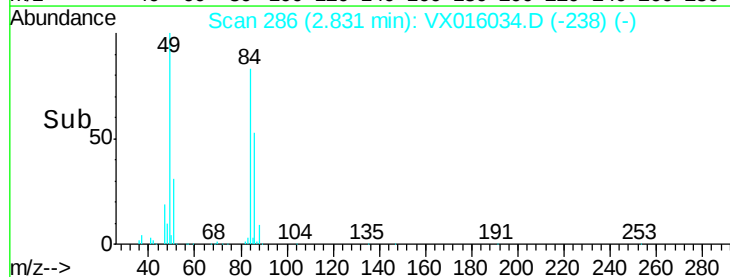
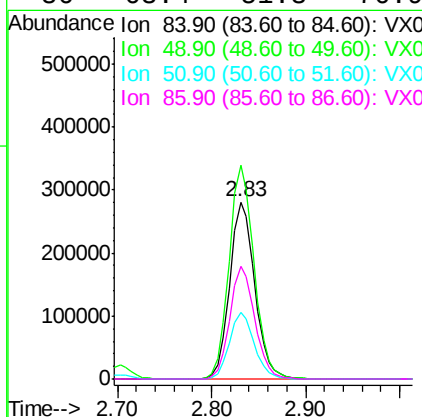
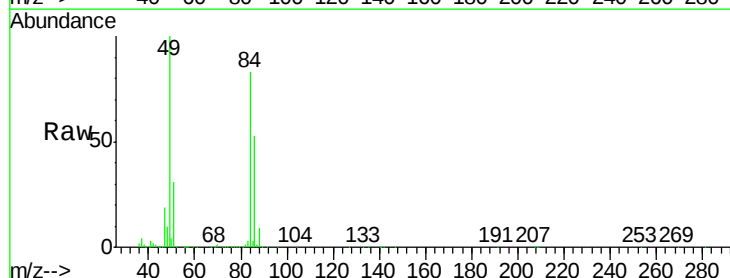
Manual Integrations
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#20
Methylene Chloride
Concen: 135.669 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Tgt Ion: 84 Resp: 518434
Ion Ratio Lower Upper
84 100
49 120.5 97.3 145.9
51 37.4 29.3 43.9
86 63.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 141.179 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

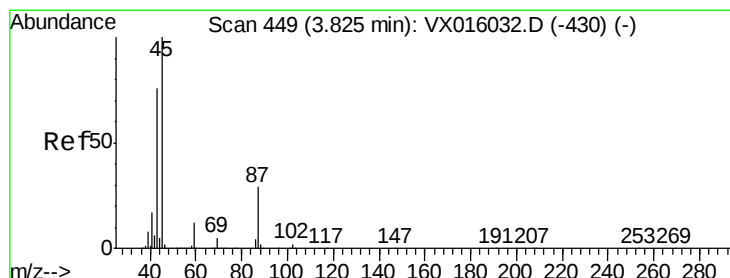
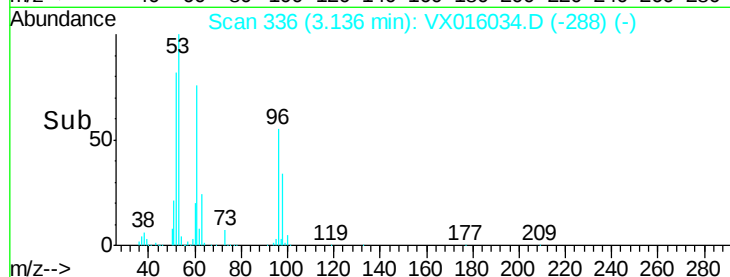
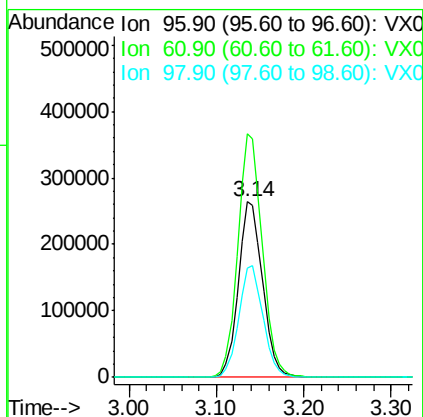
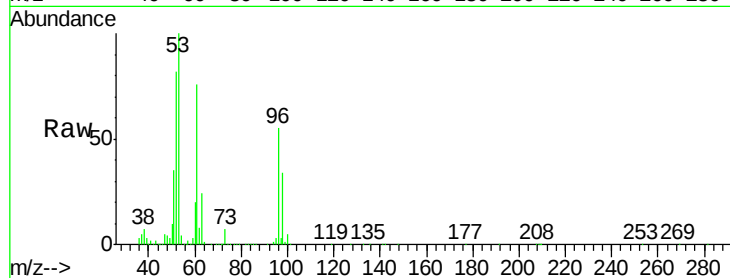
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	509565
Ion Ratio	Lower	Upper	
96	100		
61	138.8	111.2	166.8
98	62.4	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 146.182 ug/l

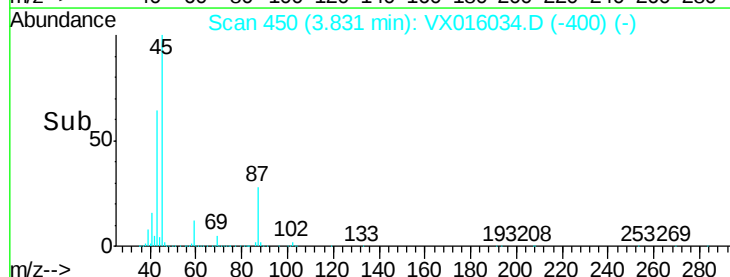
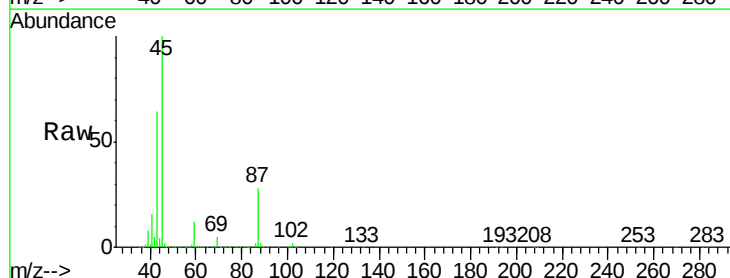
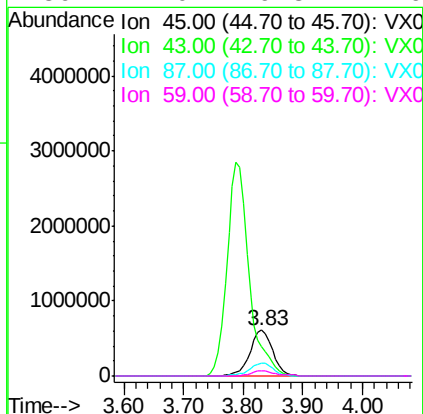
RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Tgt Ion:	45	Resp:	1618742
Ion Ratio	Lower	Upper	
45	100		
43	64.3	61.1	91.7
87	28.4	23.0	34.6
59	12.0	9.8	14.6





#23

Vinyl Acetate

Concen: 764.196 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 7325253

Ion Ratio Lower Upper

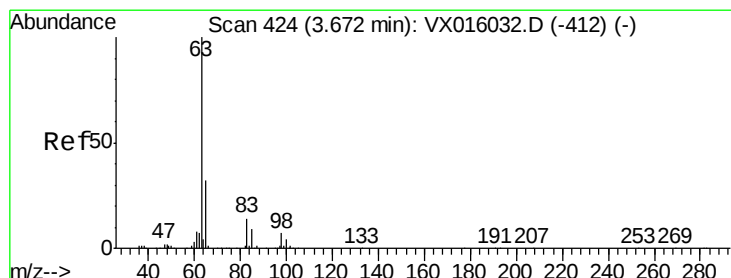
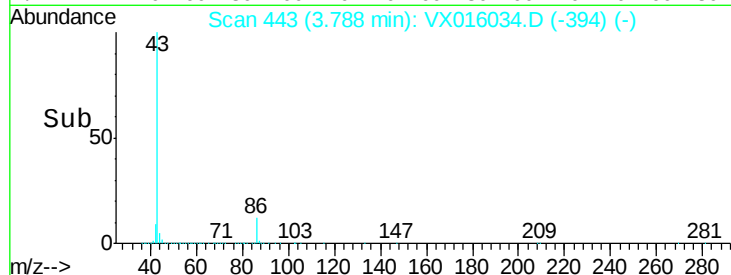
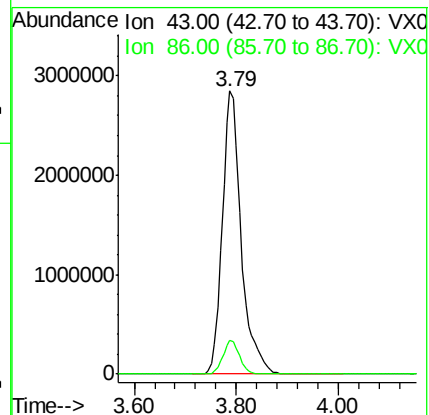
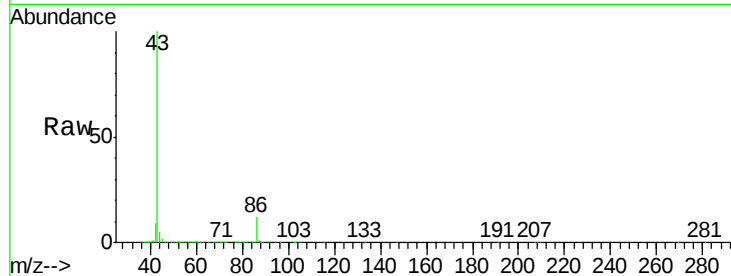
43 100

86 11.7 9.0 13.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 148.155 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

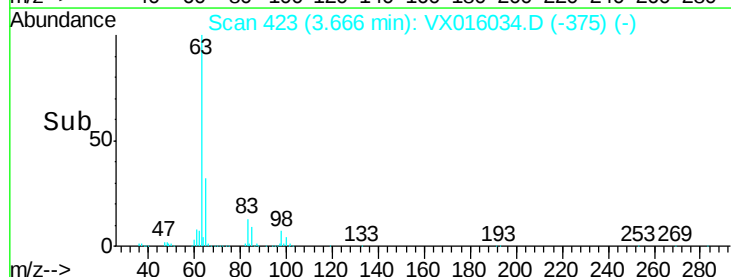
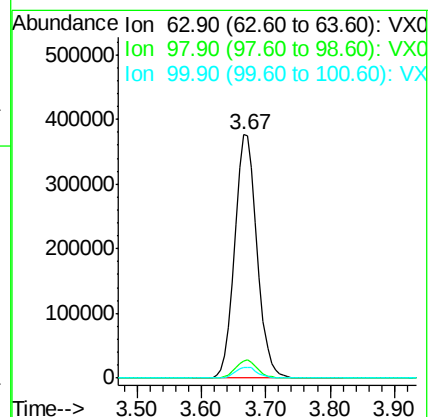
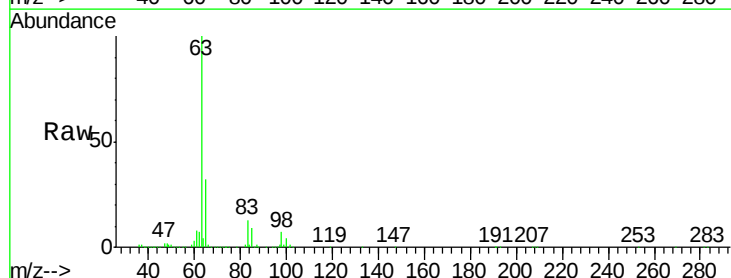
Tgt Ion: 63 Resp: 914966

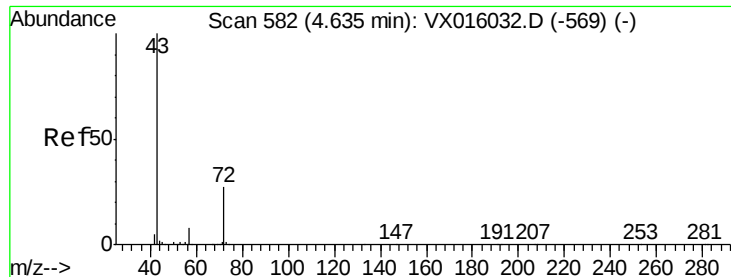
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 772.851 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2210226

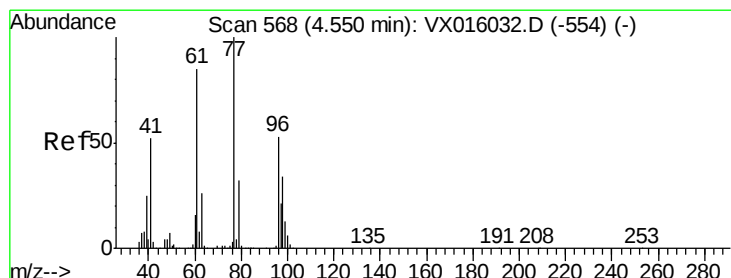
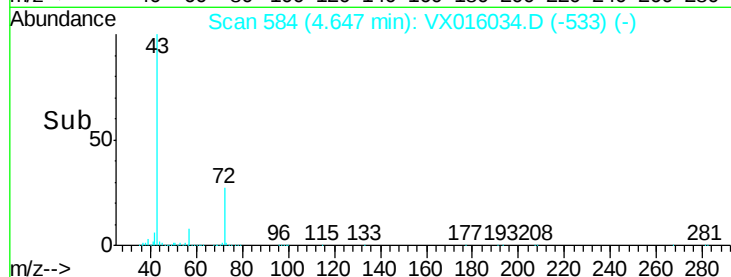
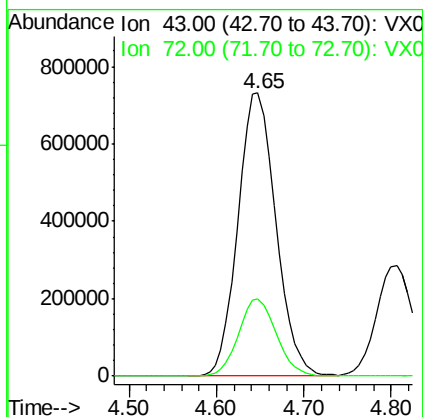
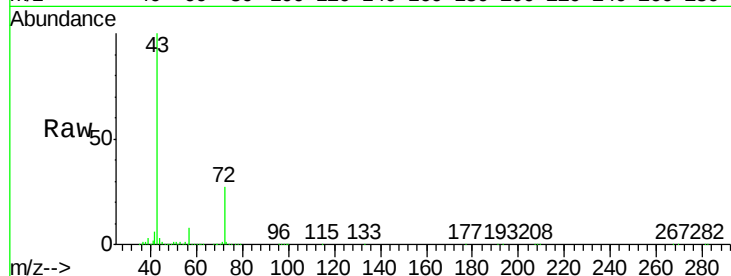
Ion Ratio Lower Upper

43 100

72 27.4 21.8 32.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 141.003 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016034.D

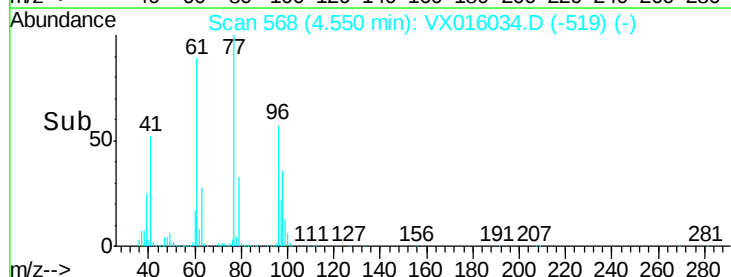
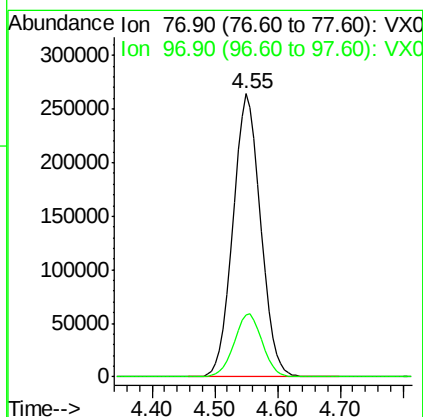
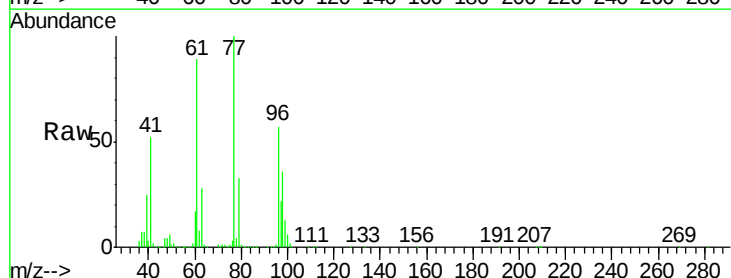
Acq: 04 May 2020 13:33

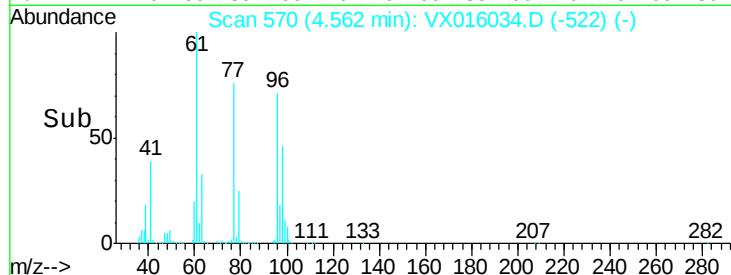
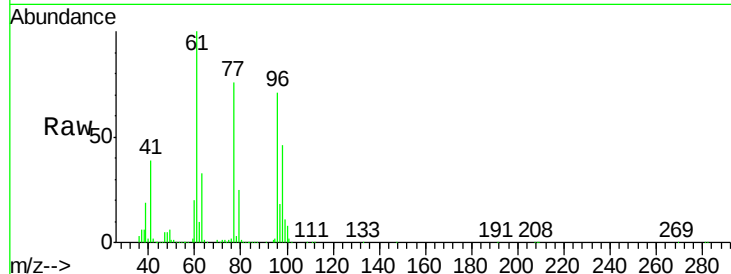
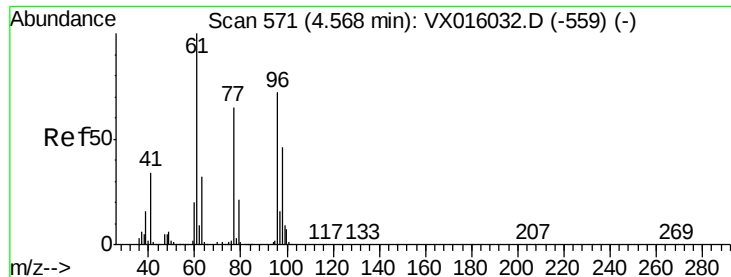
Tgt Ion: 77 Resp: 805768

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 149.244 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016034.D

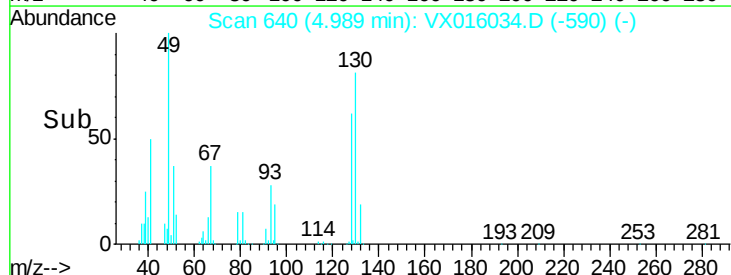
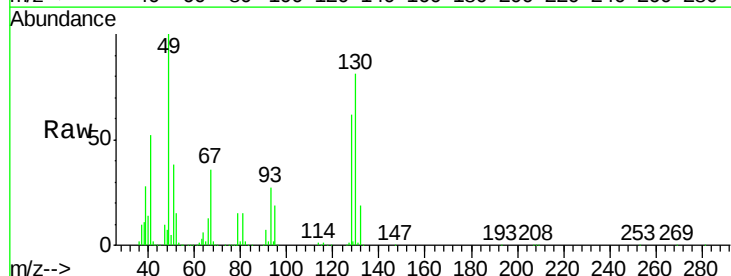
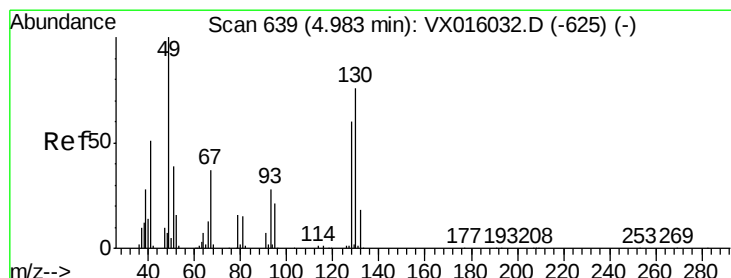
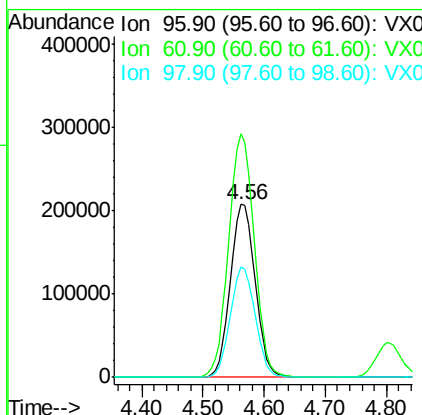
Acq: 04 May 2020 13:33

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.2	0.0	296.2	
98	63.7	0.0	129.4	

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

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#28

Bromochloromethane

Concen: 152.824 ug/l

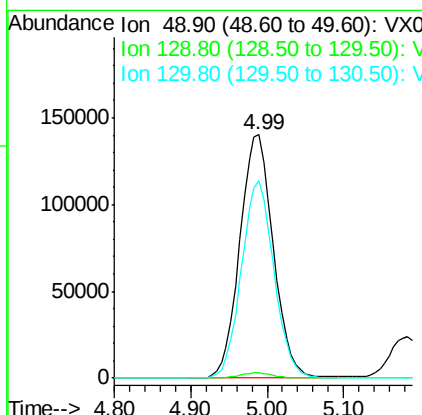
RT: 4.99 min Scan# 640

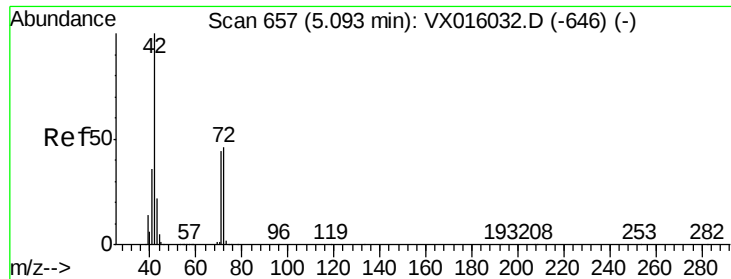
Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.0	
130	78.8	62.4	93.6	





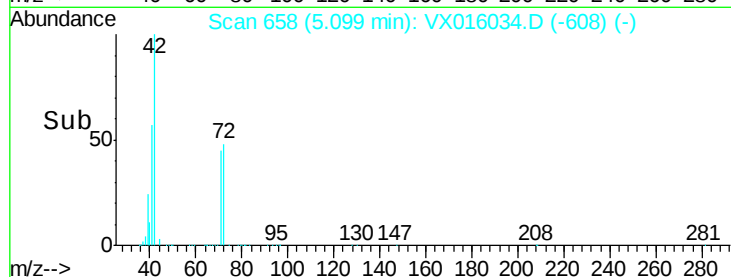
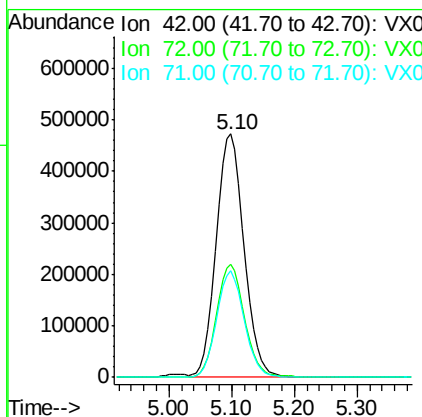
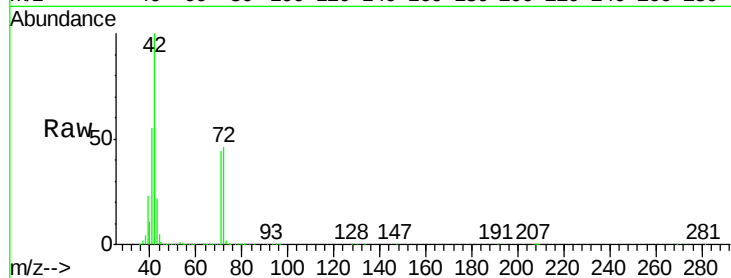
#29
Tetrahydrofuran
Concen: 760.965 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.1	55.7
71	43.3	34.5	51.7

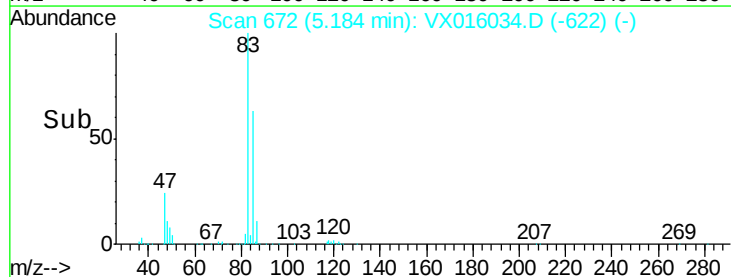
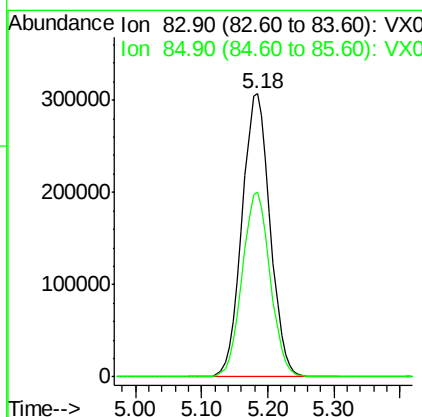
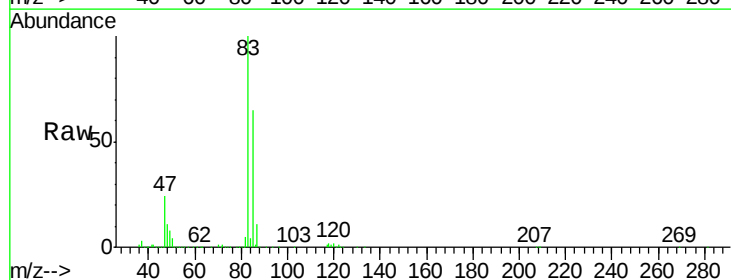
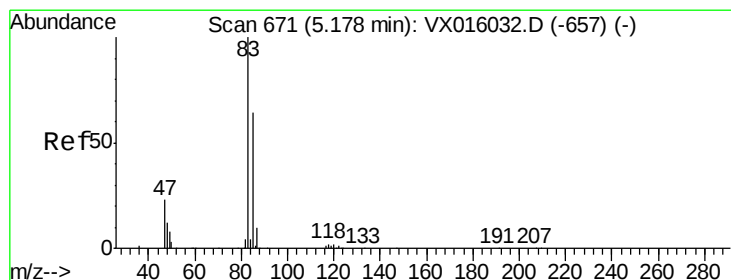
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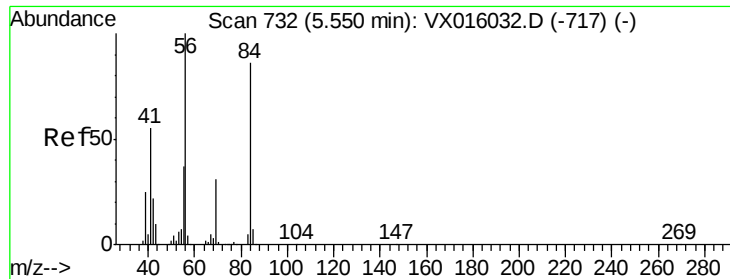
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#30
Chloroform
Concen: 147.223 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.6	77.4





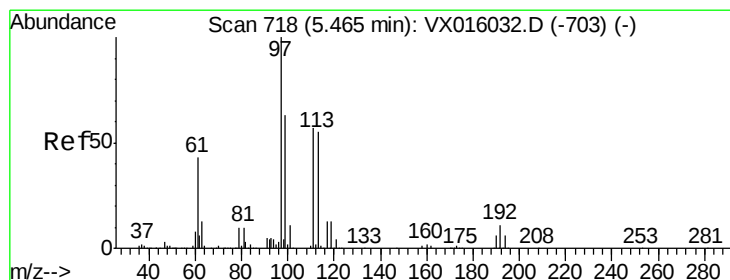
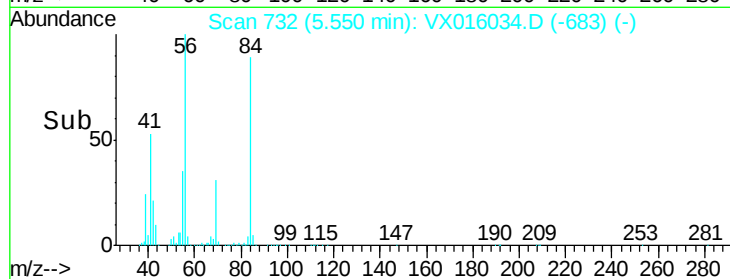
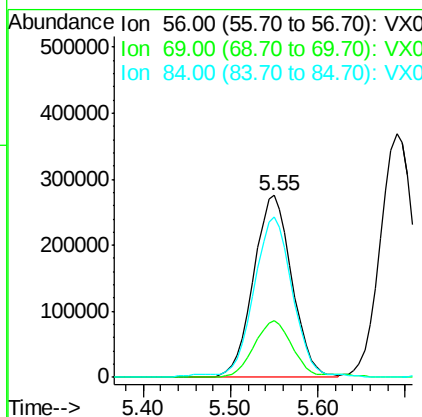
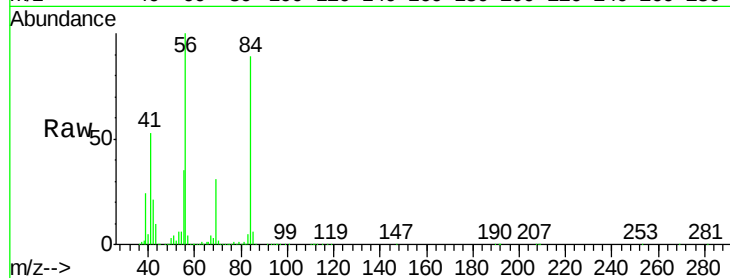
#31
Cyclohexane
Concen: 146.112 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.0	37.6
84	87.3	69.0	103.6

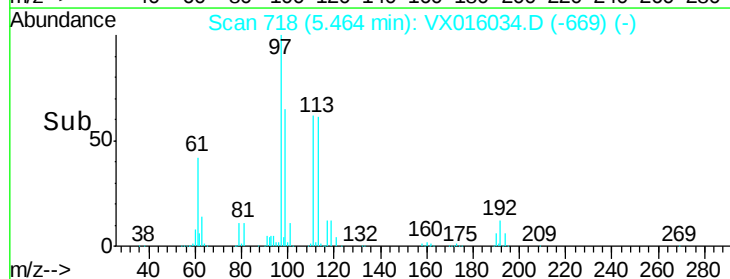
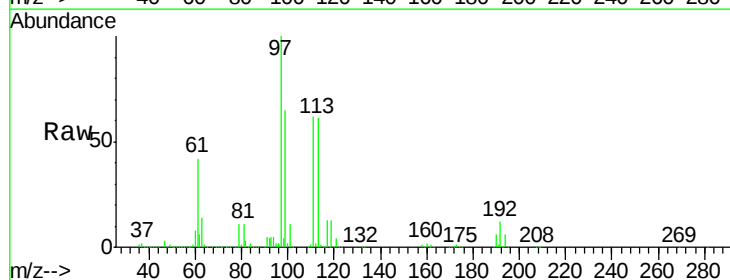
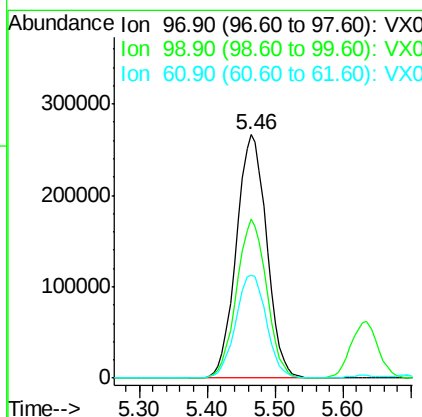
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#32
1,1,1-Trichloroethane
Concen: 147.570 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.4
61	43.0	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 128.899 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 65 Resp: 602721

Ion Ratio Lower Upper

65 100

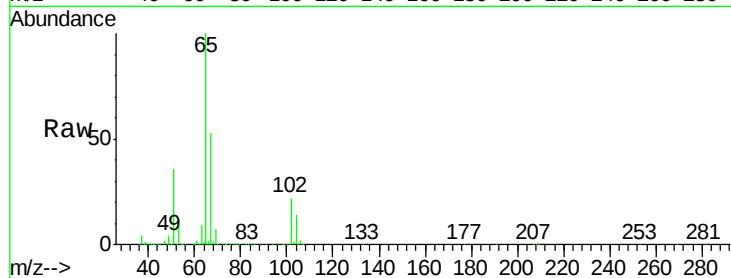
67 52.6 0.0 104.8

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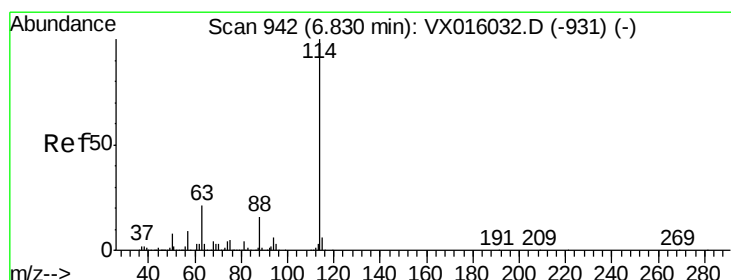
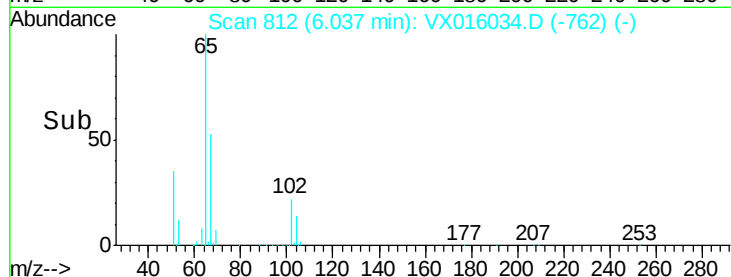
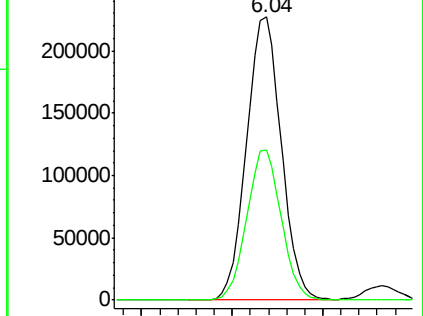
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

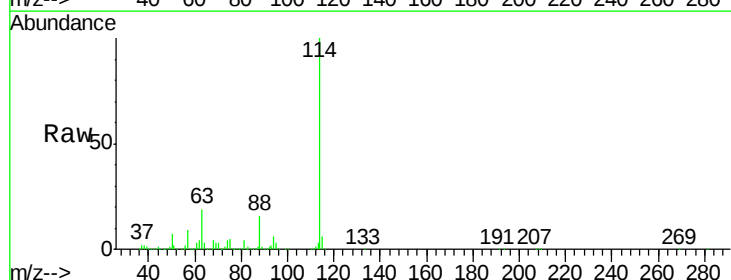
Tgt Ion: 114 Resp: 496663

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.8

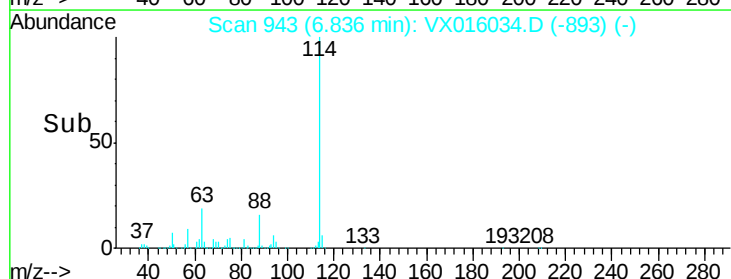
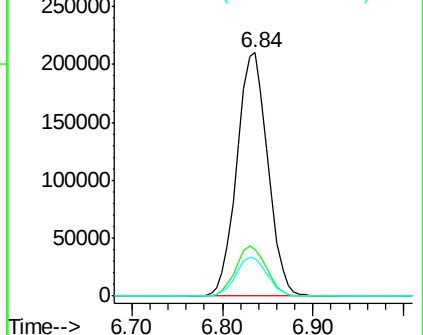
88 15.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 135.557 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

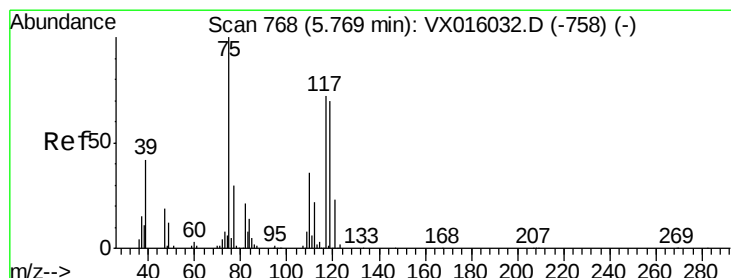
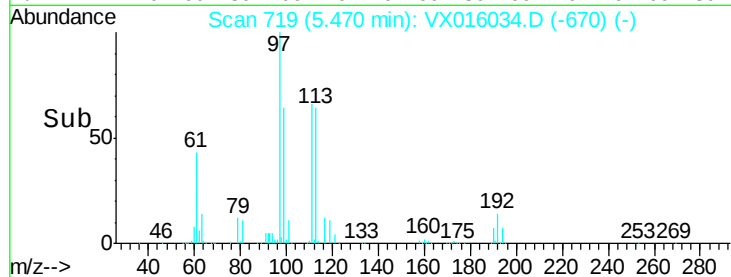
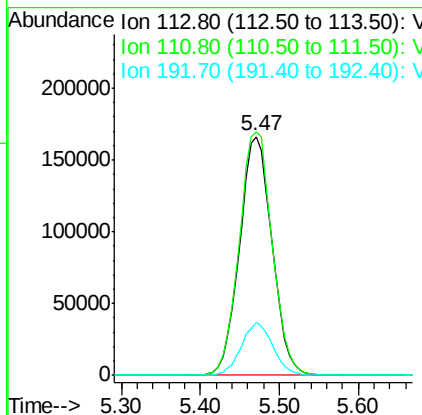
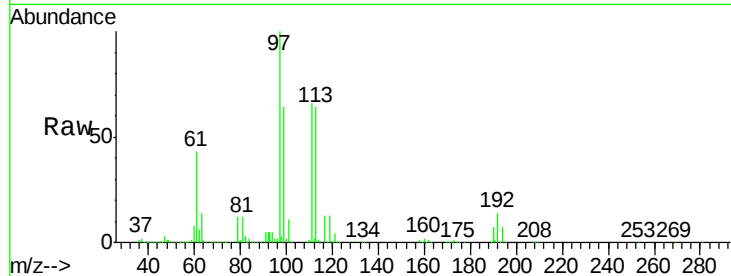
ClientSampled :

VSTDIC150

Tot Ion:	113	Resp:	475947
Ion Ratio	Lower	Upper	
113	100		
111	103.5	81.6	122.4
192	21.5	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 143.049 ug/l

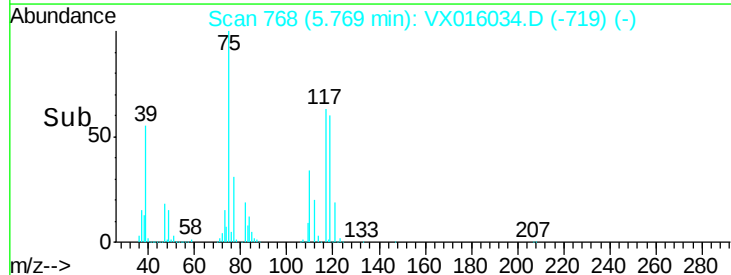
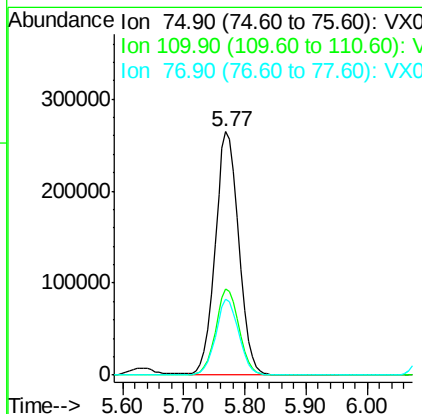
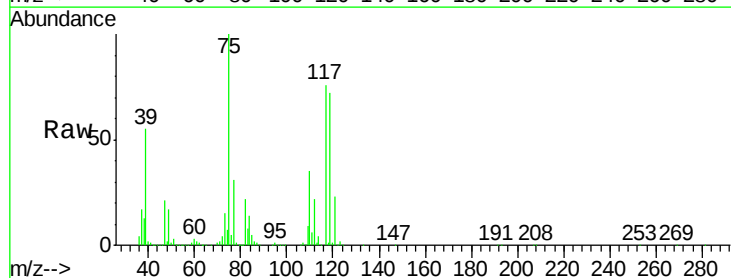
RT: 5.77 min Scan# 768

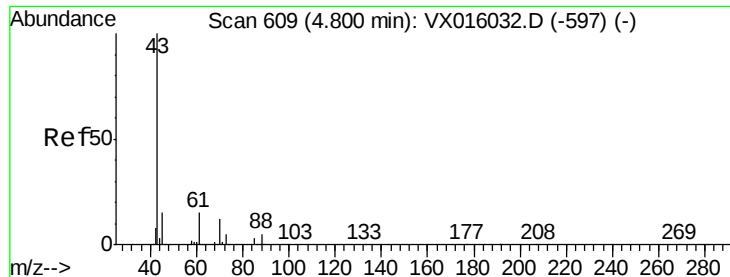
Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Tgt Ion:	75	Resp:	709158
Ion Ratio	Lower	Upper	
75	100		
110	35.3	18.1	54.1
77	30.7	25.0	37.6





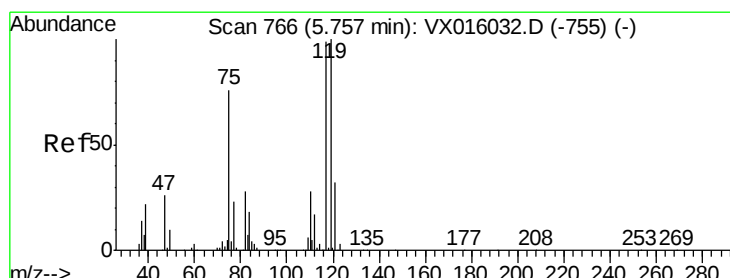
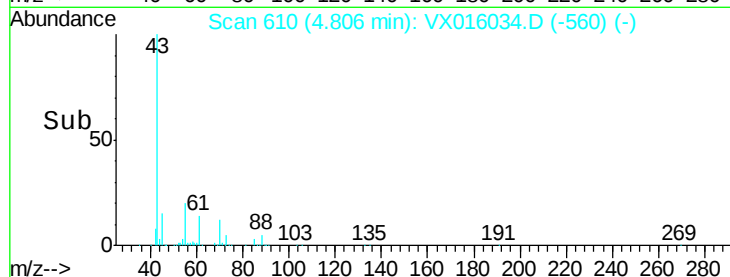
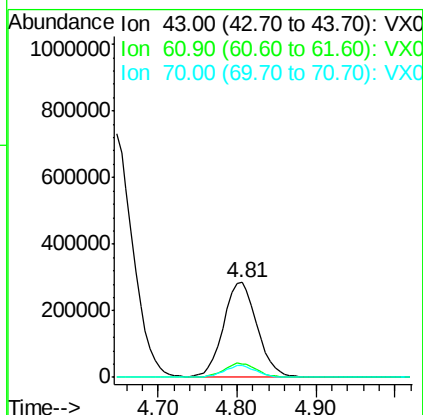
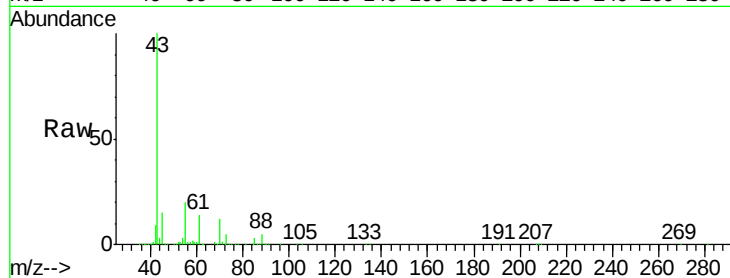
#37
Ethyl Acetate
Concen: 149.888 ug/l
RT: 4.81 min Scan# 610
Delta R.T. 0.01 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.7	17.5
70	11.8	9.3	13.9

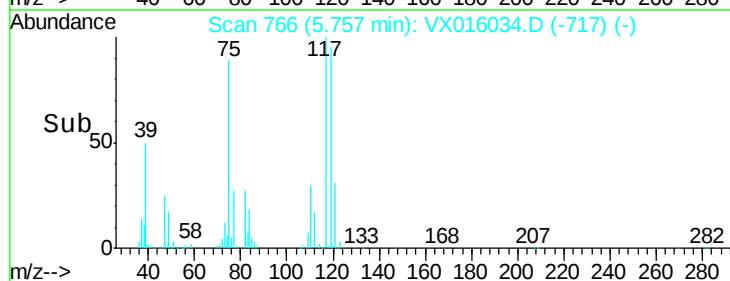
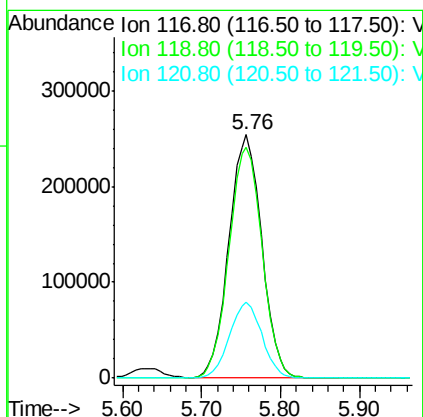
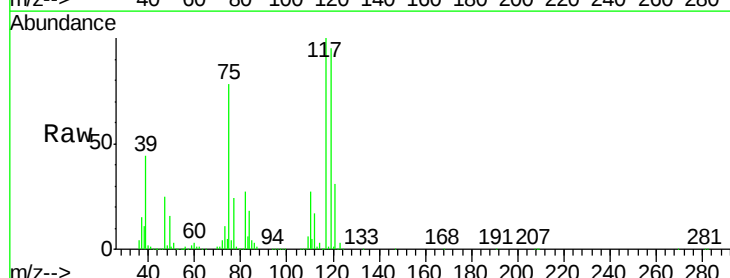
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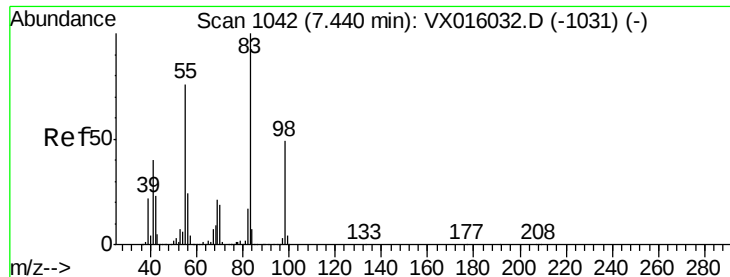
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#38
Carbon Tetrachloride
Concen: 147.688 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	80.3	120.5
121	31.0	25.7	38.5





#39

Methvlcvclohexane

Concen: 147.420 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

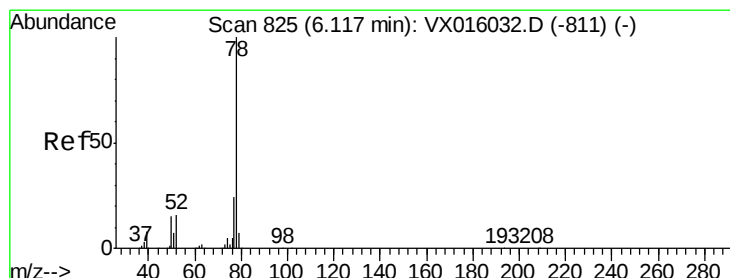
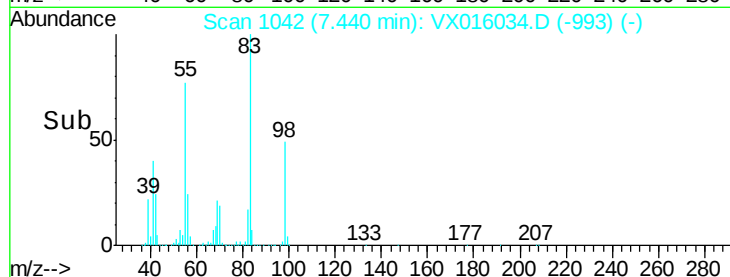
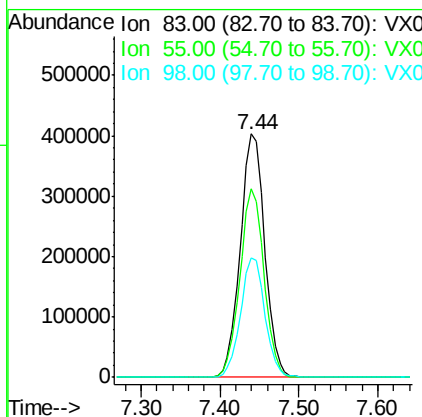
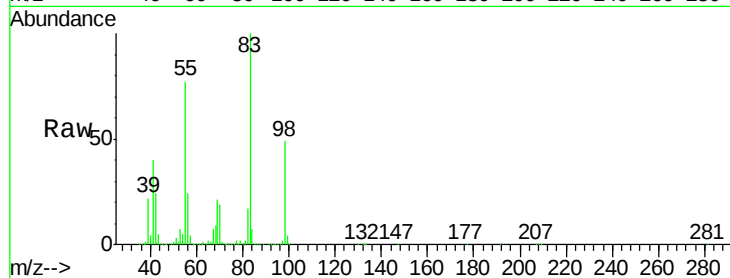
ClientSampleId :

VSTDICC150

Tot Ion:	83	Resp:	871563
Ion	Ratio	Lower	Upper
83	100		
55	77.3	61.1	91.7
98	49.0	39.0	58.4

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#40

Benzene

Concen: 142.614 ug/l

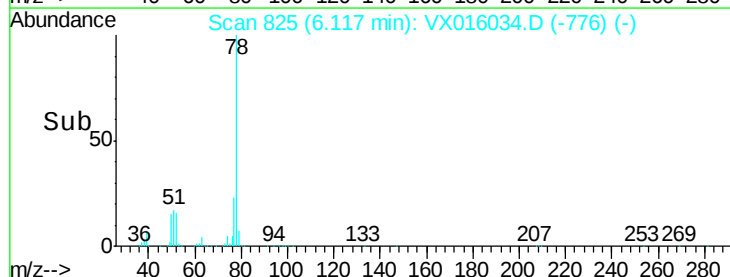
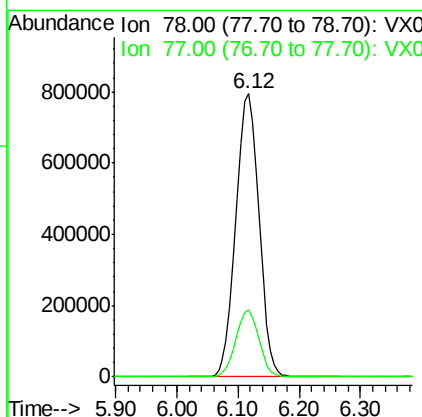
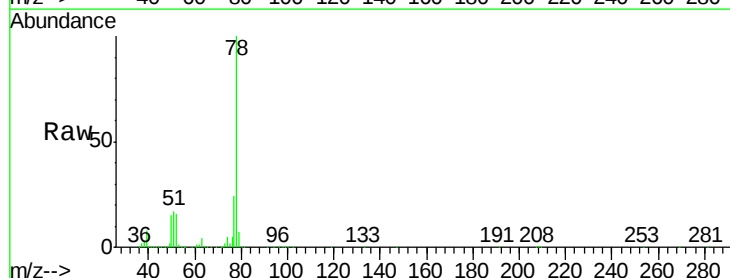
RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Tgt Ion:	78	Resp:	2069174
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





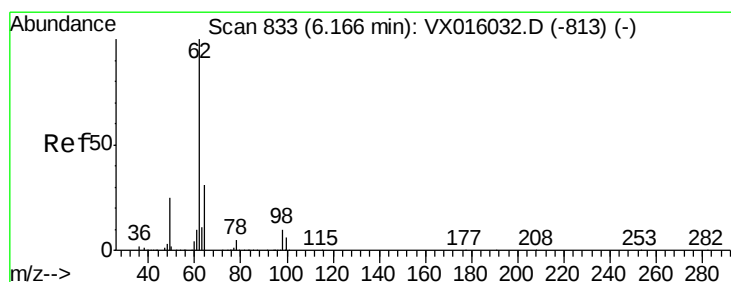
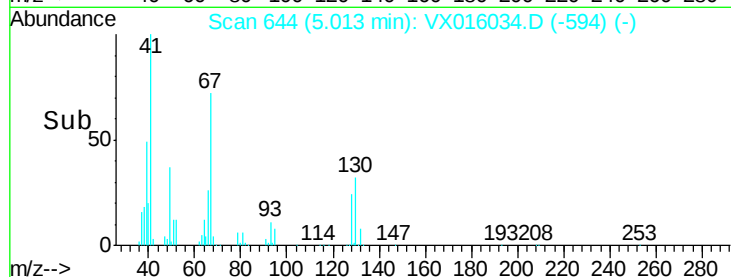
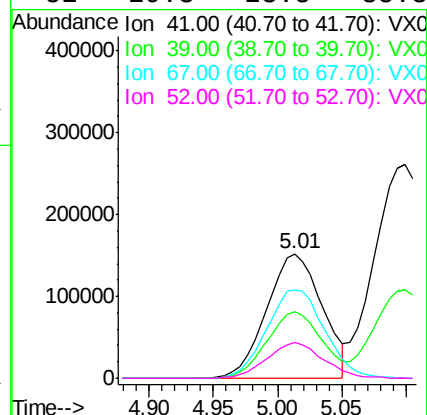
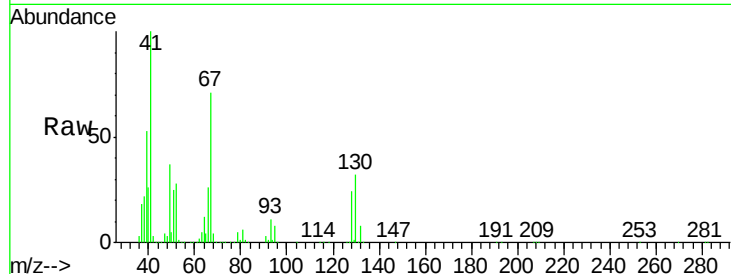
#41
Methacrylonitrile
Concen: 148.787 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		453641		
39	54.7	43.2	64.8		
67	74.9	59.3	88.9		
52	29.3	23.5	35.3		

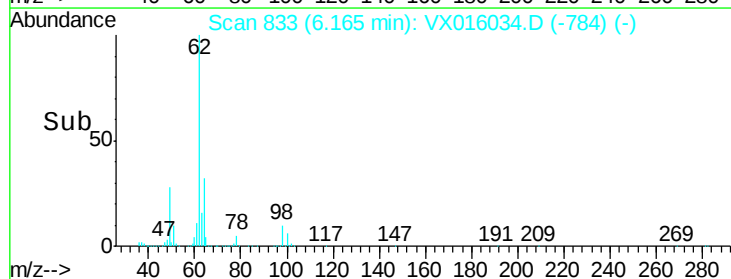
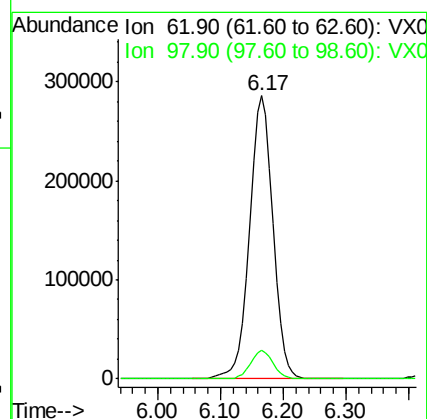
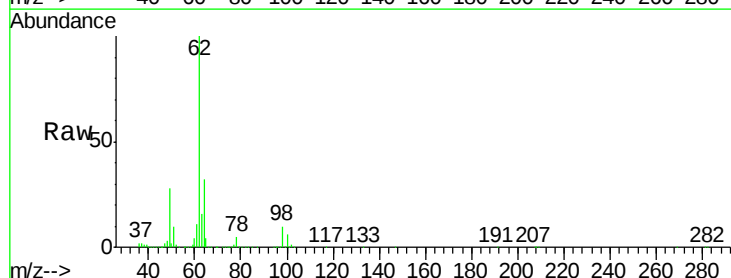
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#42
1,2-Dichloroethane
Concen: 140.425 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		735998		
98	9.8	0.0	19.4		





#43

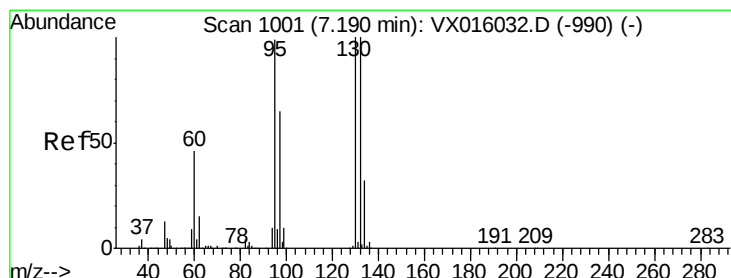
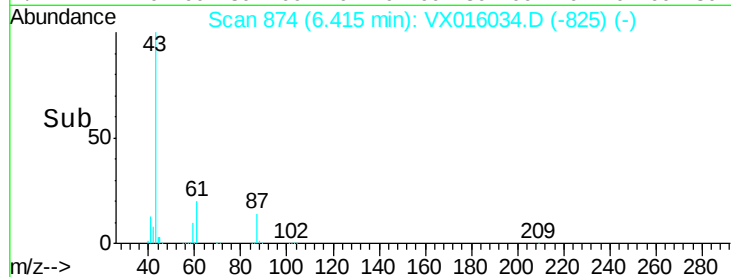
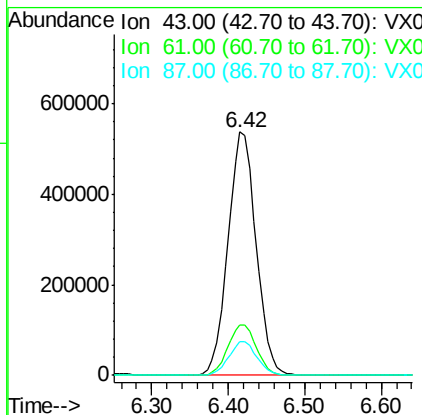
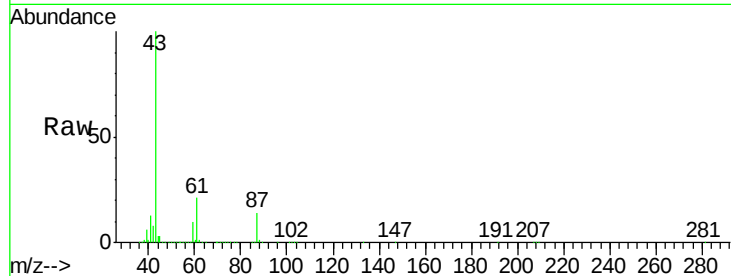
Isopropyl Acetate
 Concen: 151.374 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016034.D
 Acq: 04 May 2020 13:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.0	25.4
87	13.8	11.0	16.6

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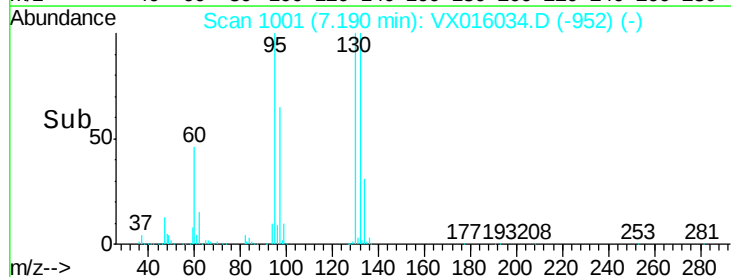
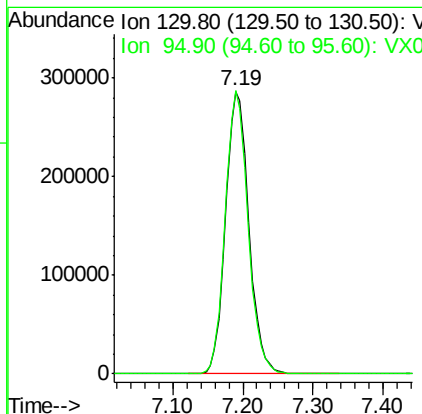
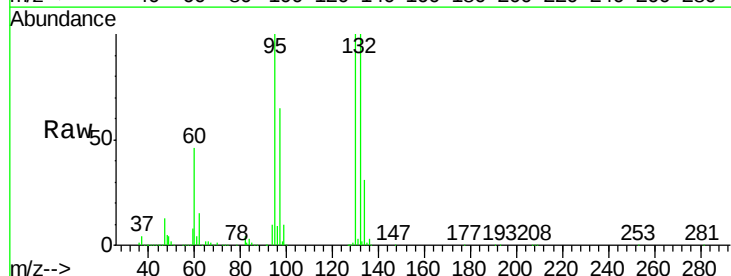
MMDadoda
 5/5/2020 11:35:26 AM

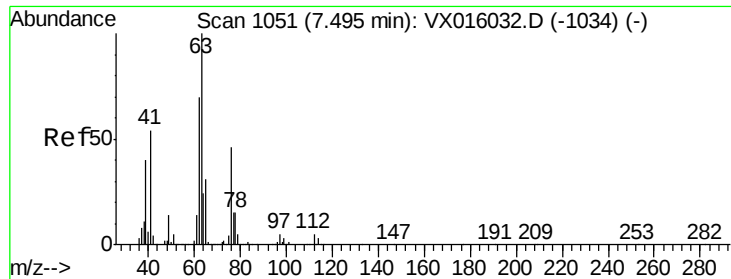


#44

Trichloroethene
 Concen: 123.370 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016034.D
 Acq: 04 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	197.4





#45

1,2-Dichloropropane

Concen: 146.026 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 63 Resp: 532046

Ion Ratio Lower Upper

63 100

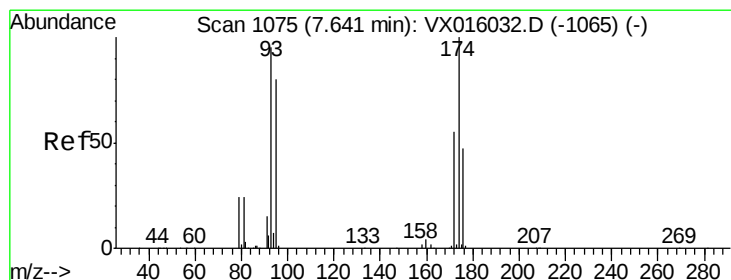
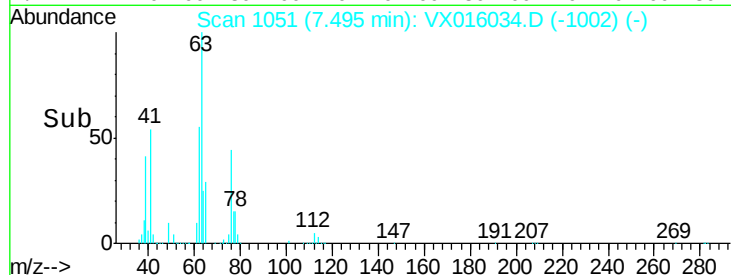
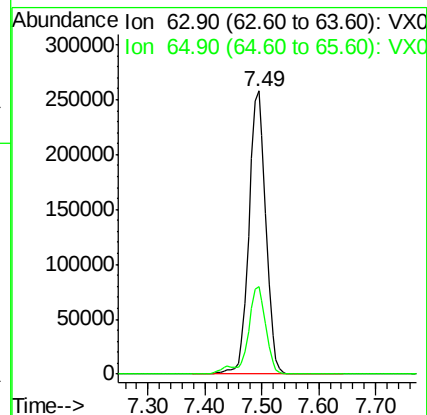
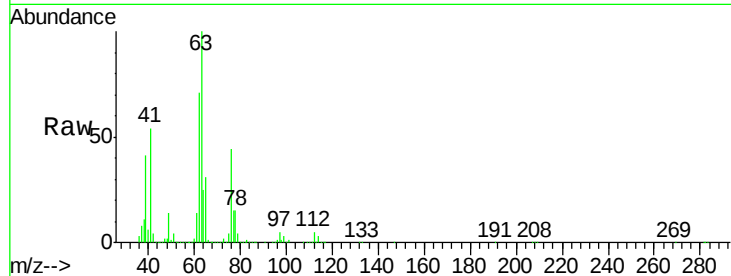
65 30.9 24.4 36.6

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5/5/2020 11:35:26 AM



#46

Dibromomethane

Concen: 145.779 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

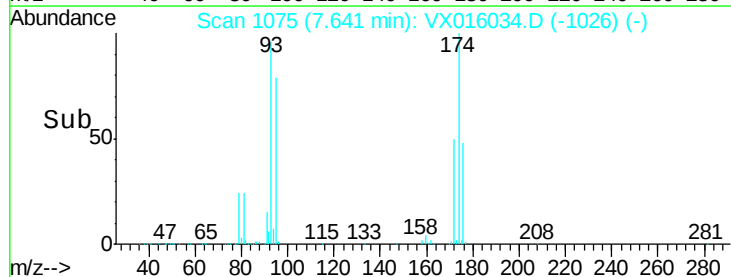
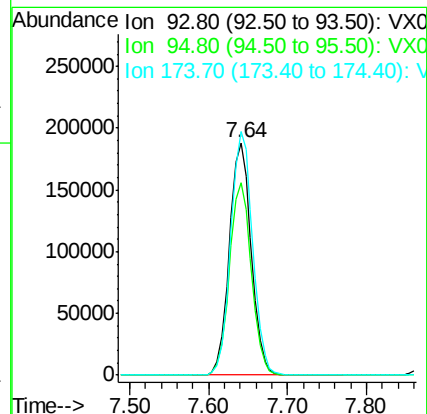
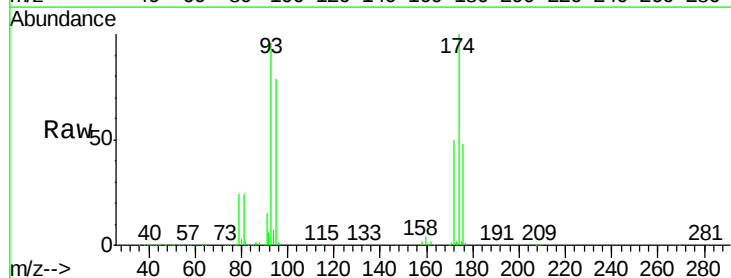
Tgt Ion: 93 Resp: 361173

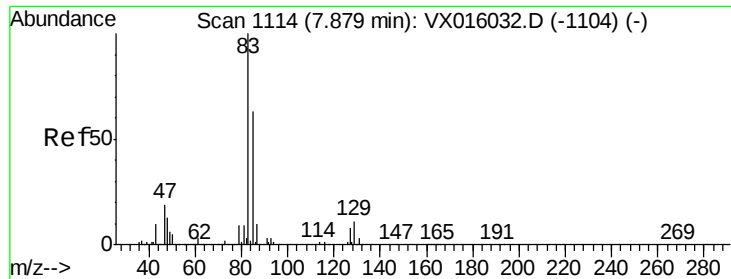
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 105.4 84.2 126.4





#47

Bromodichloromethane

Concen: 152.251 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

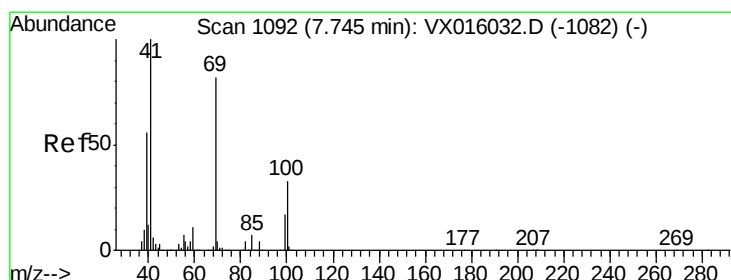
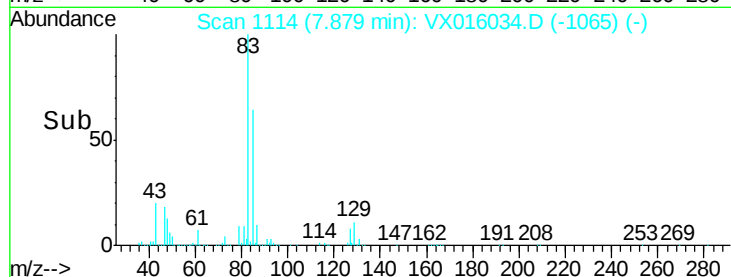
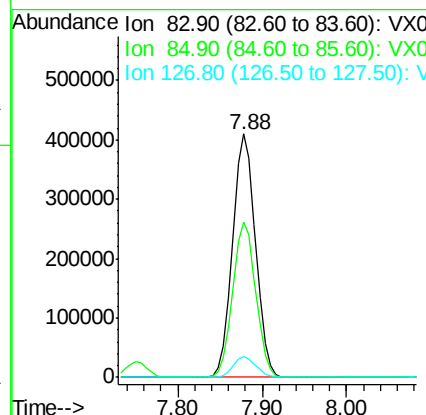
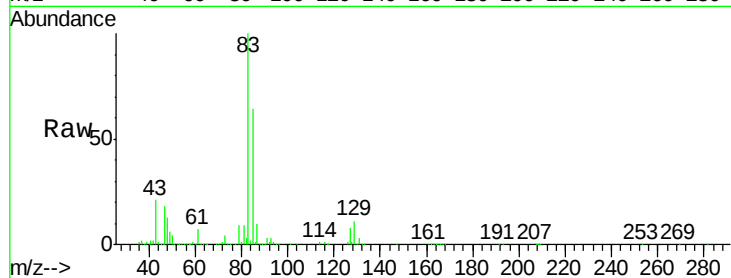
ClientSampled :

VSTDIC150

Tot Ion:	83	Resp:	757349
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.5	75.7
127	8.4	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 155.111 ug/l

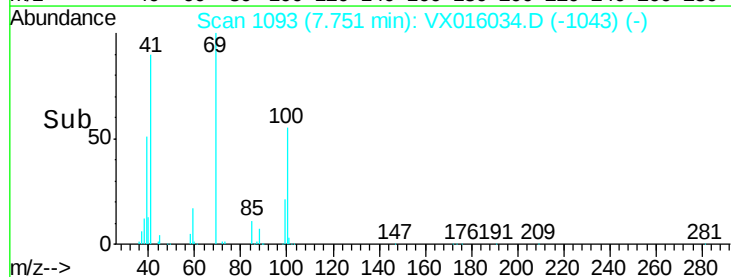
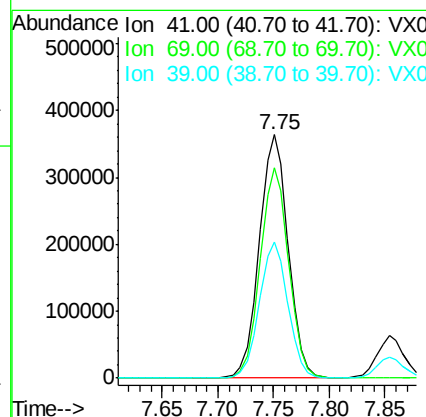
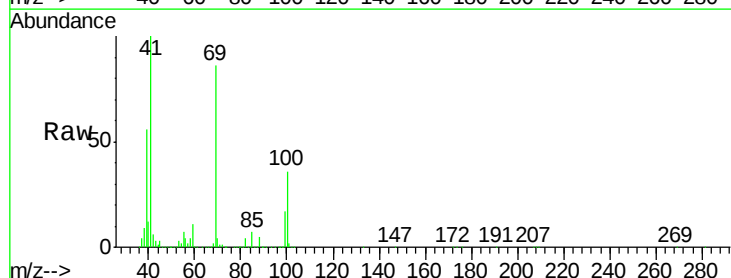
RT: 7.75 min Scan# 1093

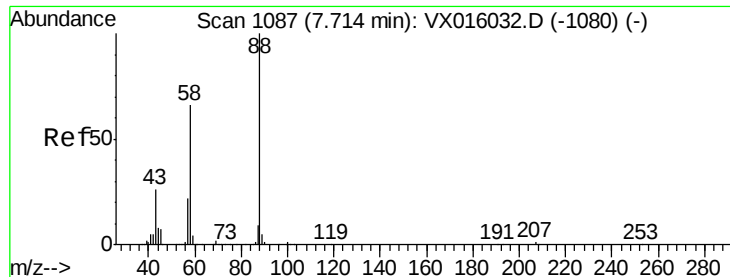
Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Tgt Ion:	41	Resp:	655675
Ion Ratio	Lower	Upper	
41	100		
69	85.7	67.8	101.6
39	55.4	44.6	67.0





#49

1,4-Dioxane

Concen: 3035.967 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

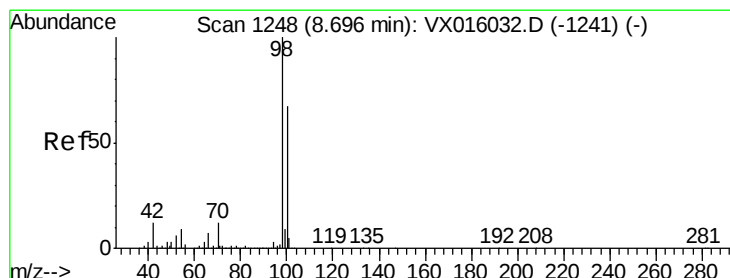
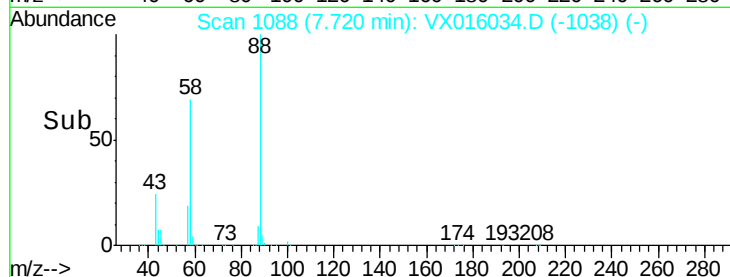
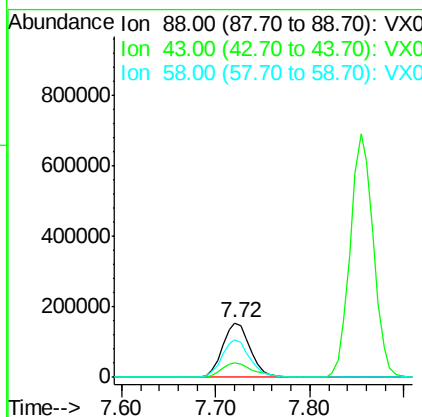
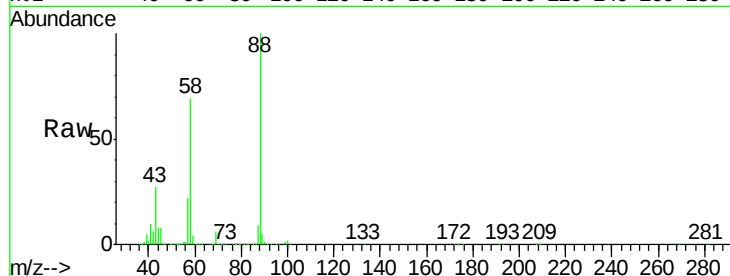
ClientSampleId :

VSTDIC150

Tot Ion:	88	Resp:	310397
Ion	Ratio	Lower	Upper
88	100		
43	31.5	25.3	37.9
58	70.2	55.9	83.9

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#50

Toluene-d8

Concen: 139.068 ug/l

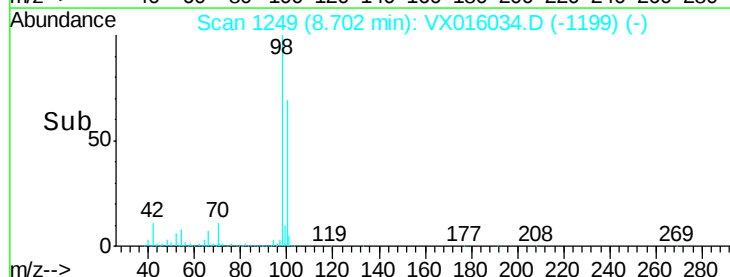
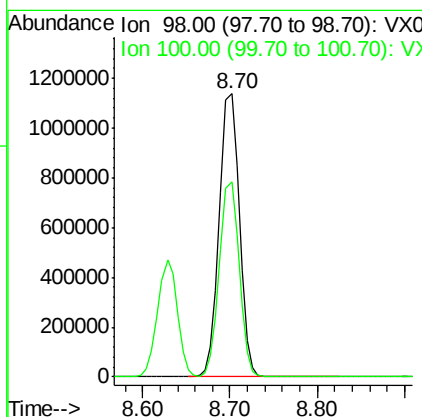
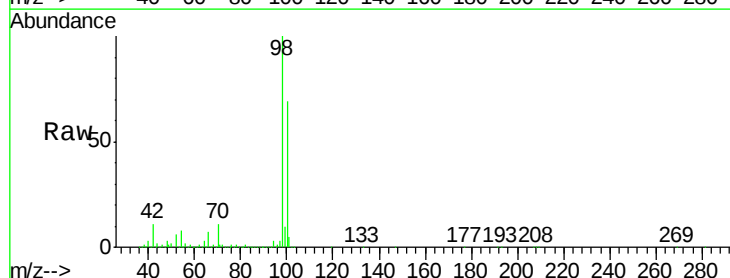
RT: 8.70 min Scan# 1249

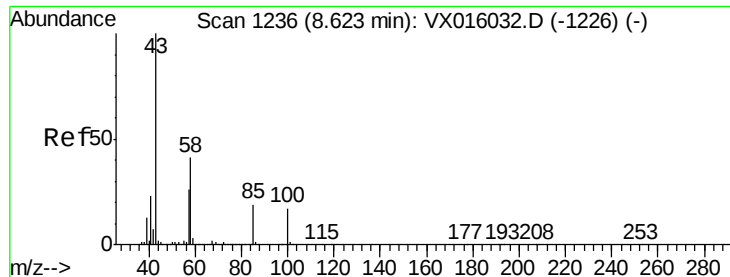
Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Tgt Ion:	98	Resp:	1819473
Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 767.750 ug/l

RT: 8.63 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 4199130

Ion Ratio Lower Upper

43 100

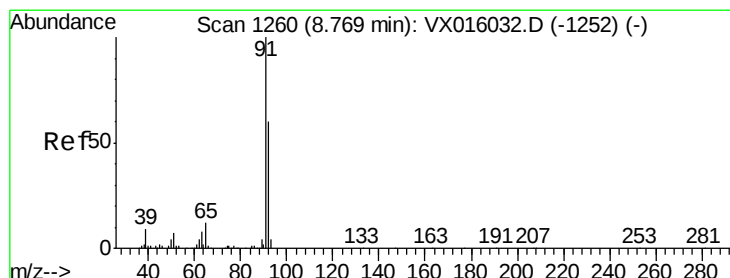
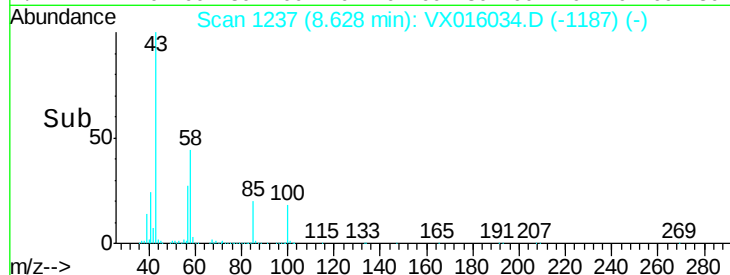
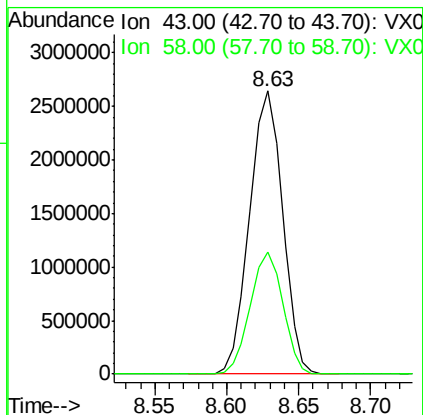
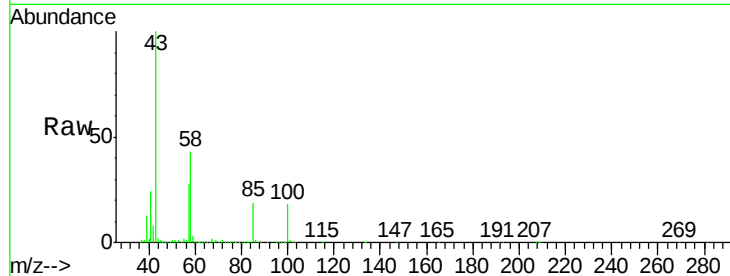
58 42.6 33.0 49.4

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5/5/2020 11:35:26 AM



#52

Toluene

Concen: 147.215 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016034.D

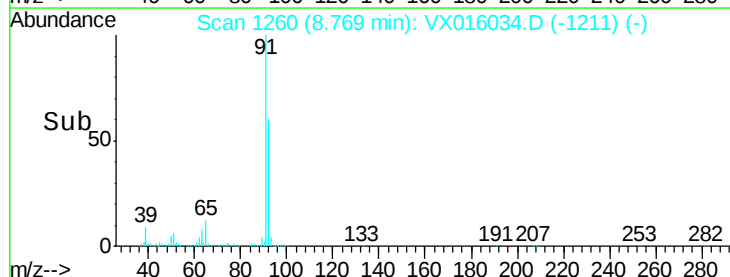
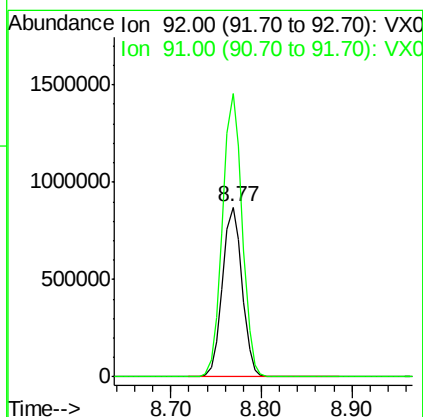
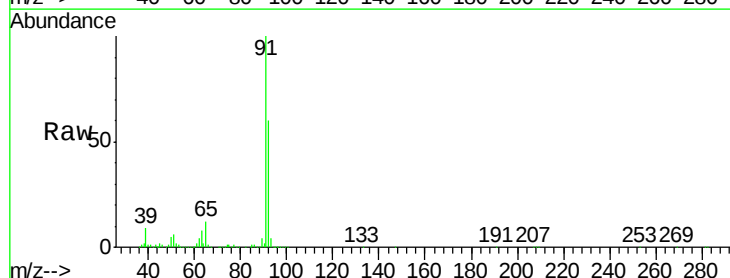
Acq: 04 May 2020 13:33

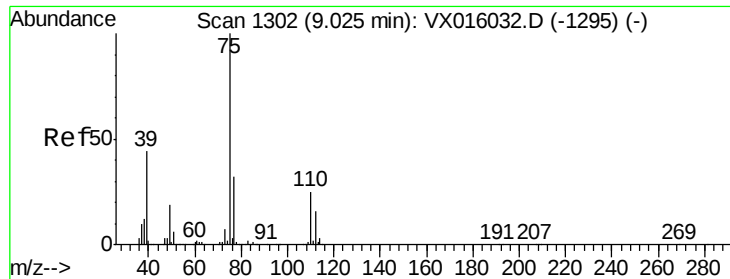
Tgt Ion: 92 Resp: 1315974

Ion Ratio Lower Upper

92 100

91 167.2 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 151.272 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 900355

Ion Ratio Lower Upper

75 100

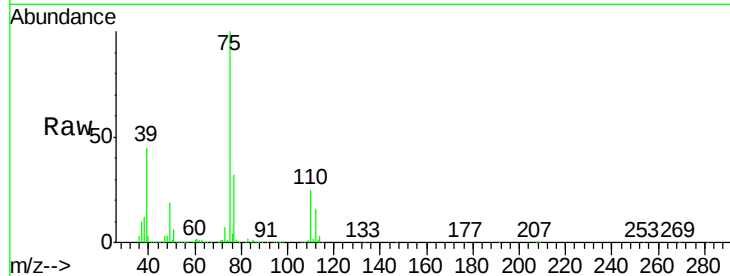
77 31.6 25.7 38.5

Manual Integrations

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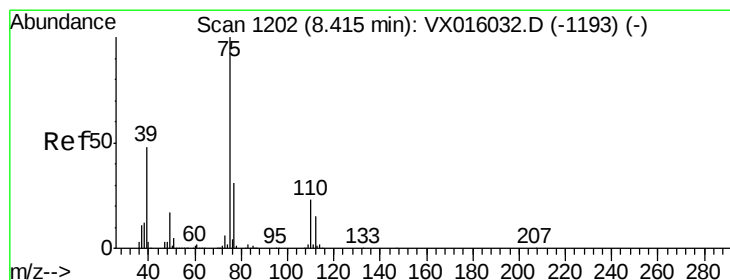
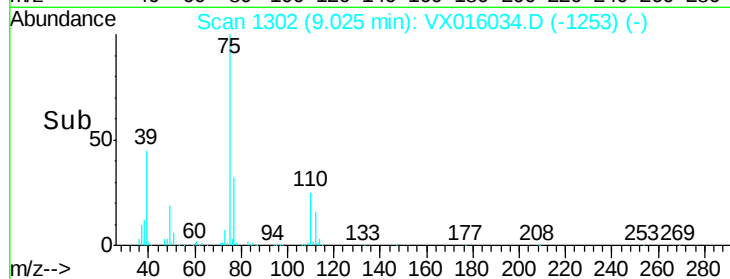
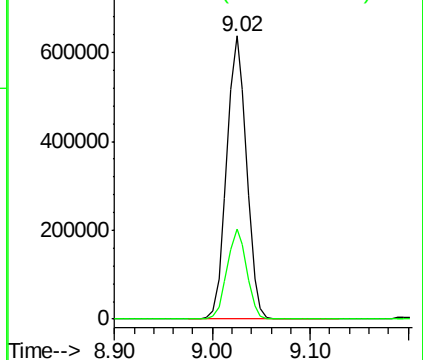
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5/5/2020 11:35:26 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 147.975 ug/l

RT: 8.42 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

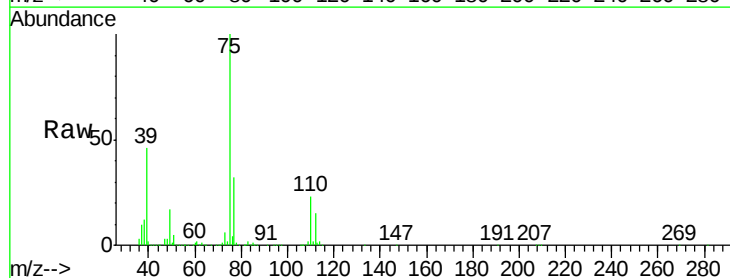
Tgt Ion: 75 Resp: 925349

Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1

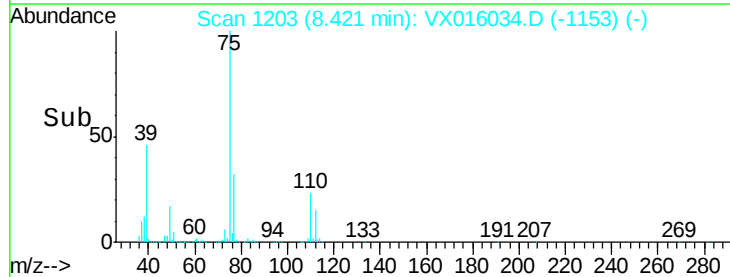
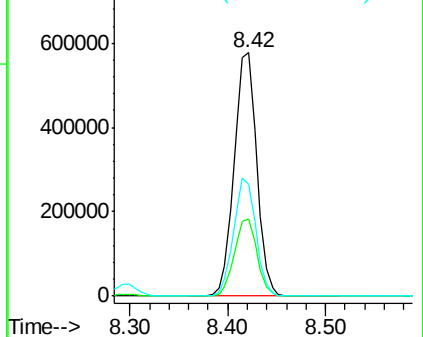
39 45.7 38.7 58.1

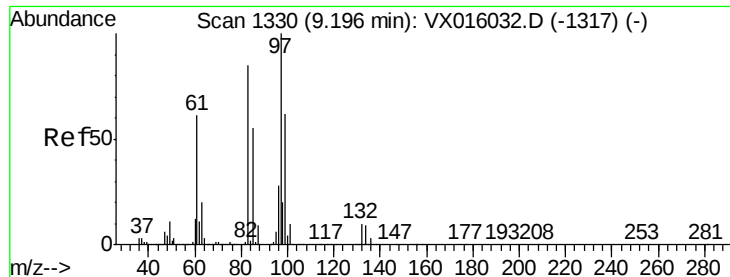


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





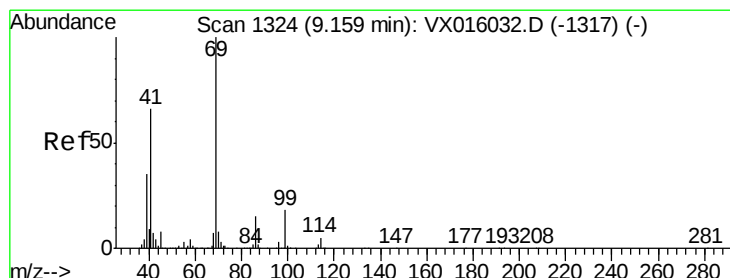
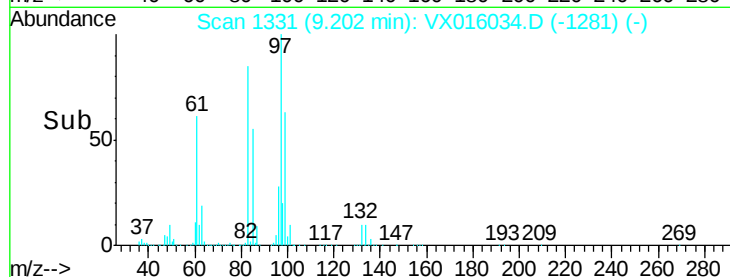
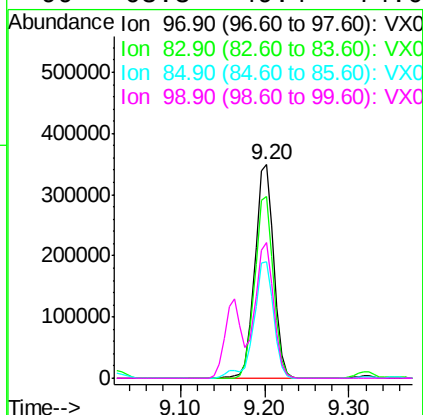
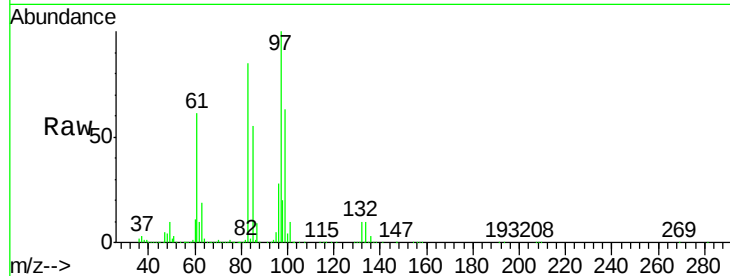
#55
 1,1,2-Trichloroethane
 Concen: 151.162 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX016034.D
 Acq: 04 May 2020 13:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	528029
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.8	101.8
85	54.7	43.8	65.8
99	63.3	49.4	74.0

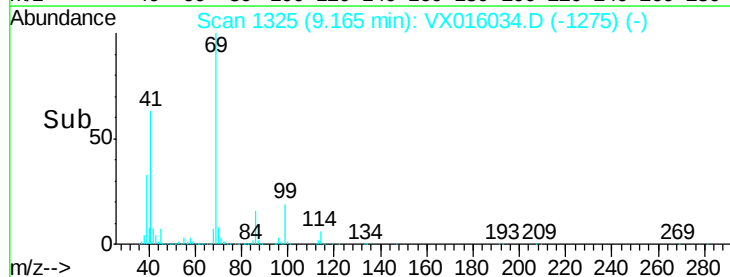
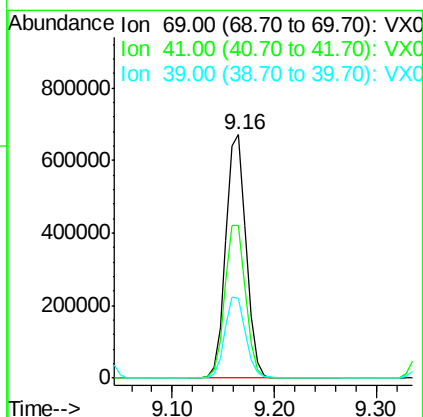
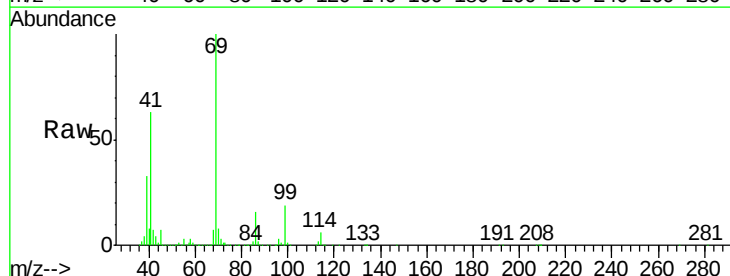
Manual Integrations
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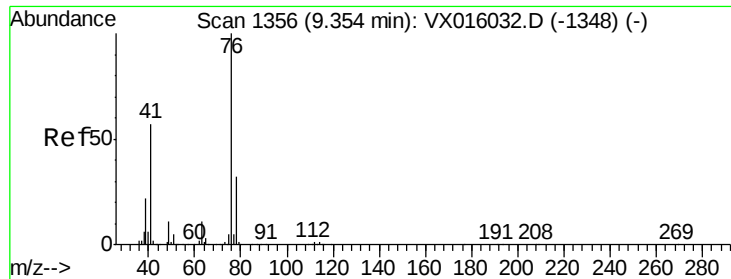
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#56
 Ethyl methacrylate
 Concen: 166.533 ug/l
 RT: 9.16 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VX016034.D
 Acq: 04 May 2020 13:33

Tgt Ion:	69	Resp:	920357
Ion	Ratio	Lower	Upper
69	100		
41	64.4	52.2	78.4
39	34.4	28.2	42.4





#57

1,3-Dichloropropane

Concen: 146.473 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 76 Resp: 901721

Ion Ratio Lower Upper

76 100

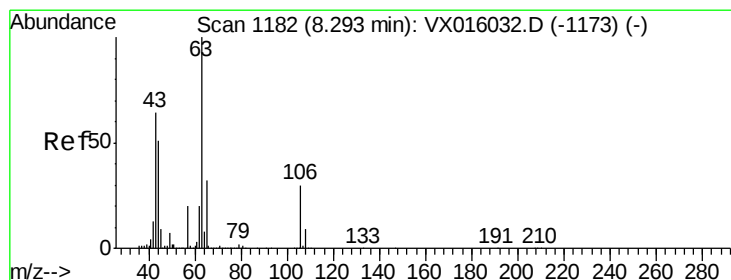
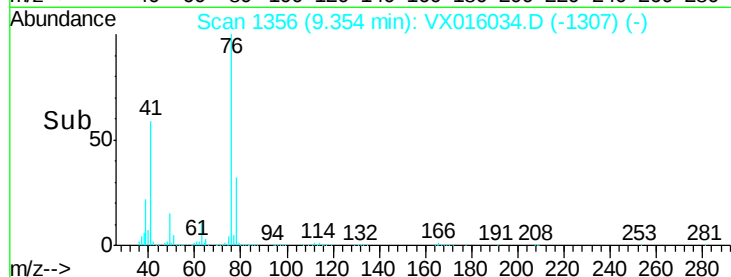
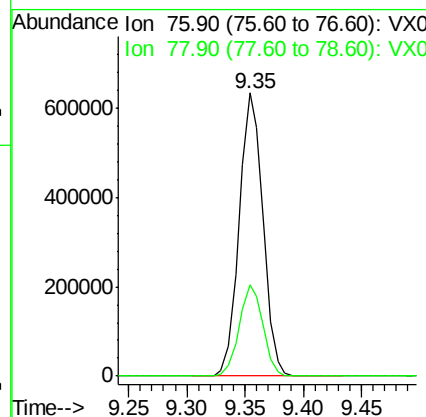
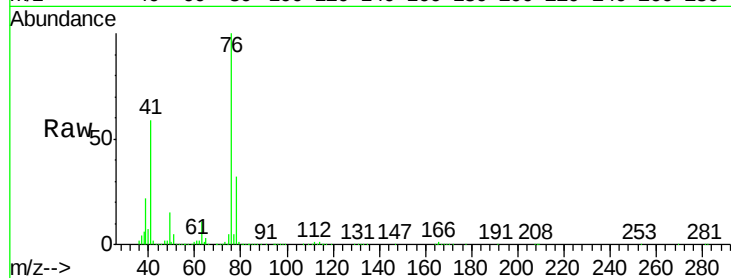
78 32.3 25.9 38.9

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5/5/2020 11:35:26 AM



#58

2-Chloroethyl Vinyl ether

Concen: 780.561 ug/l

RT: 8.30 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VX016034.D

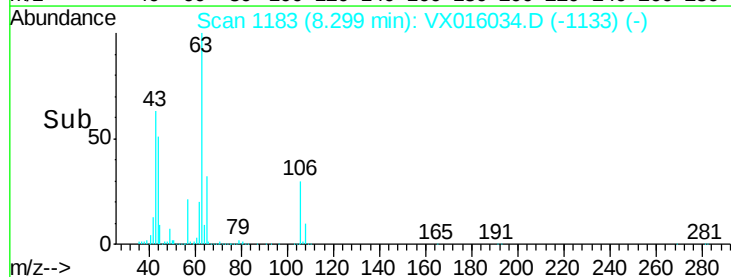
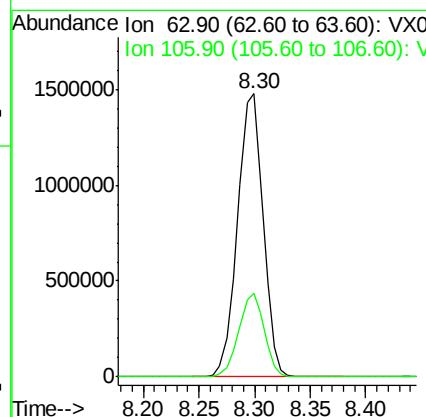
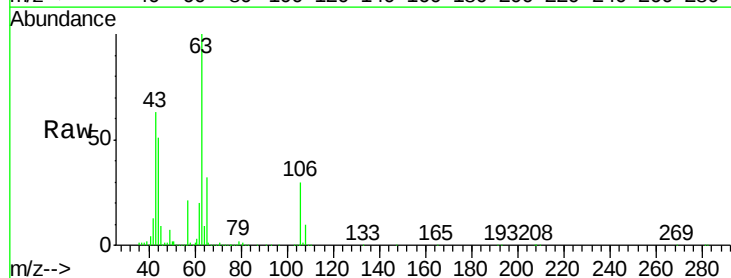
Acq: 04 May 2020 13:33

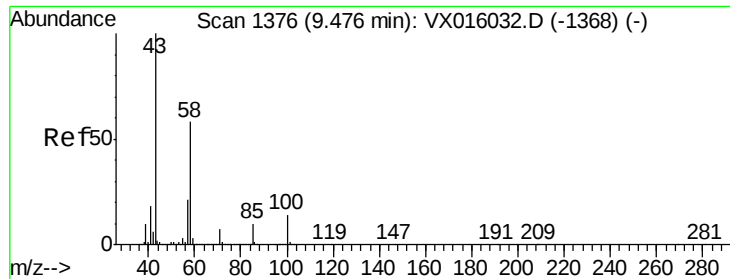
Tgt Ion: 63 Resp: 2349883

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.2





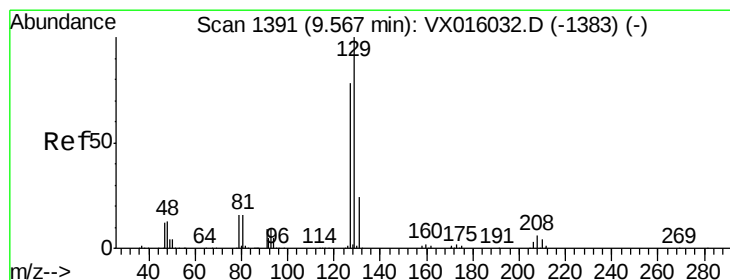
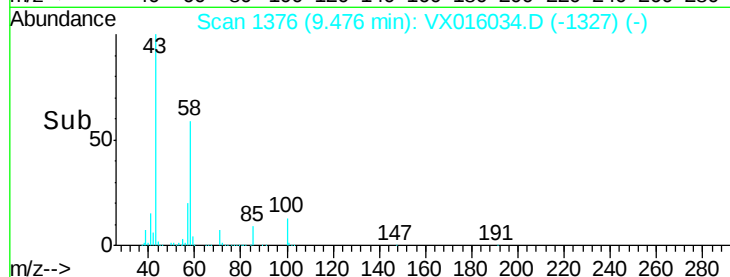
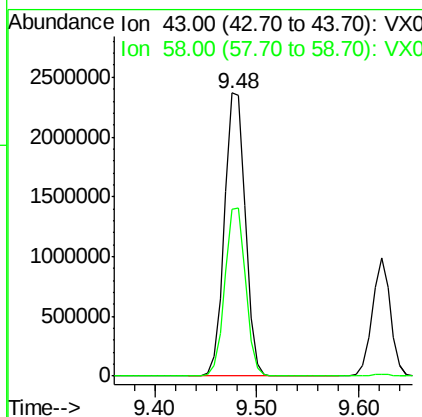
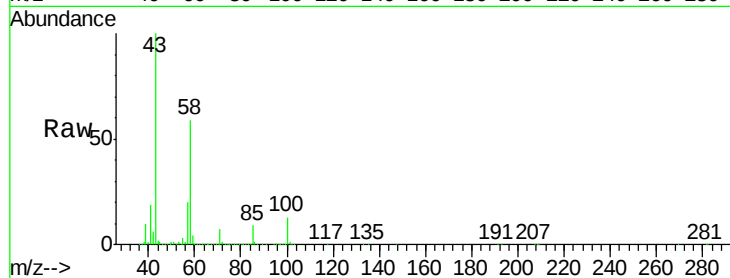
#59
2-Hexanone
Concen: 779.957 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 3343070
Ion Ratio Lower Upper
43 100
58 58.8 28.6 85.9

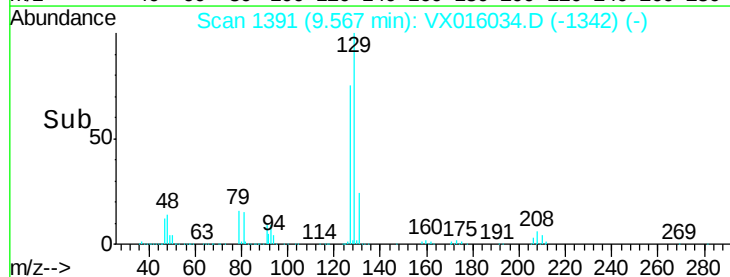
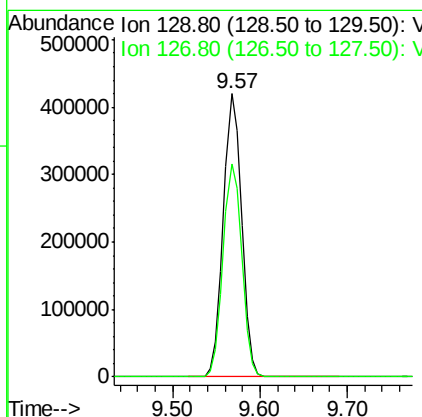
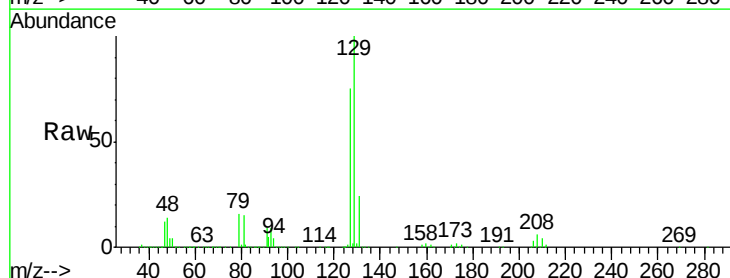
Manual Integrations
APPROVED

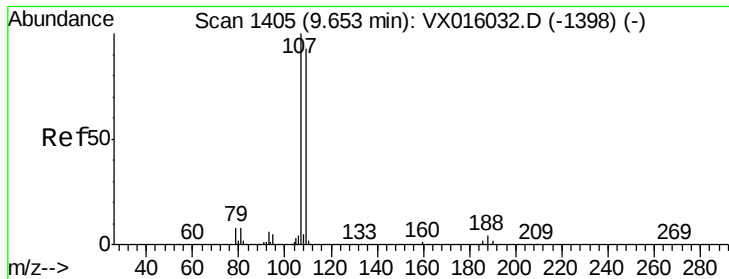
MMDadoda
5/5/2020 11:35:26 AM



#60
Dibromochloromethane
Concen: 161.938 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Tgt Ion: 129 Resp: 609505
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 151.855 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 573596

Ion Ratio Lower Upper

107 100

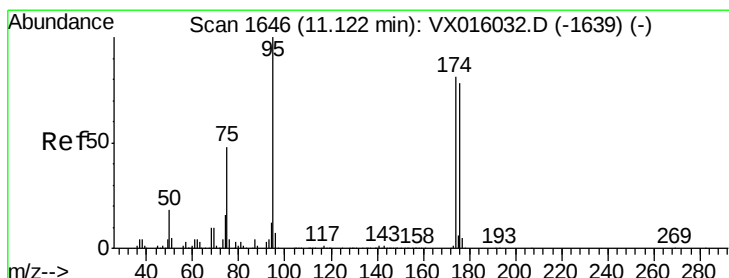
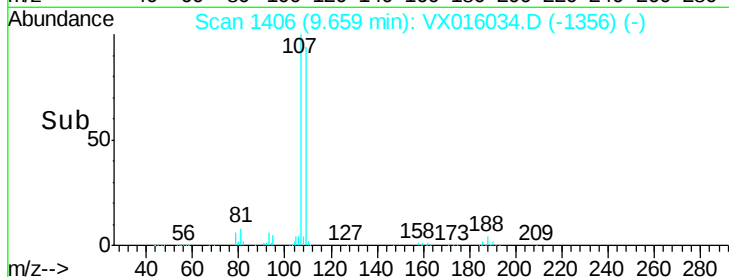
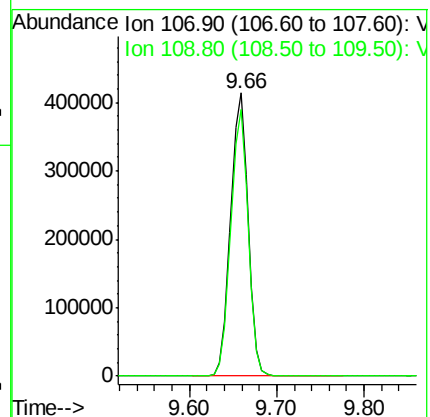
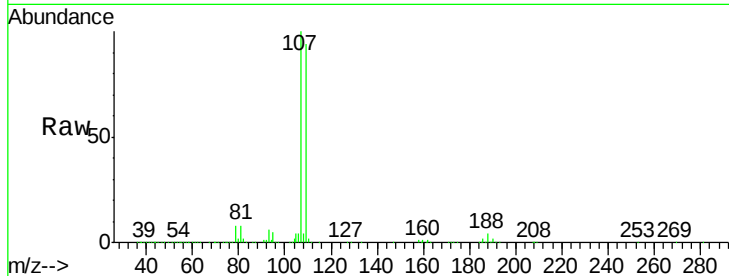
109 93.8 74.9 112.3

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#62

4-Bromofluorobenzene

Concen: 157.748 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

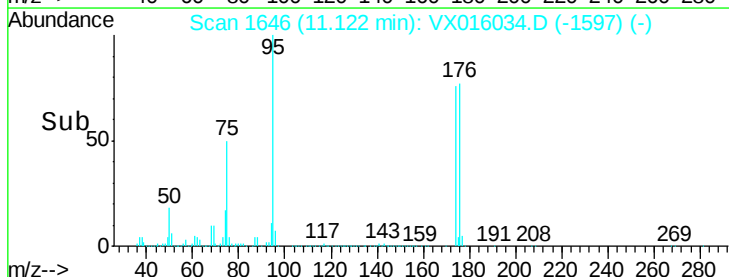
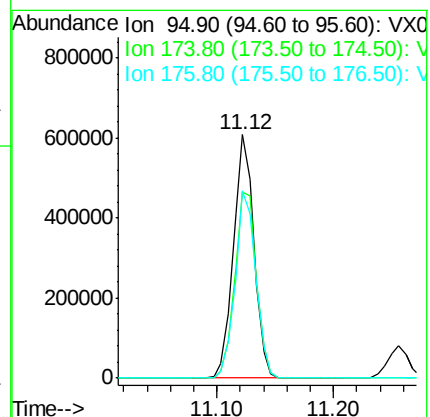
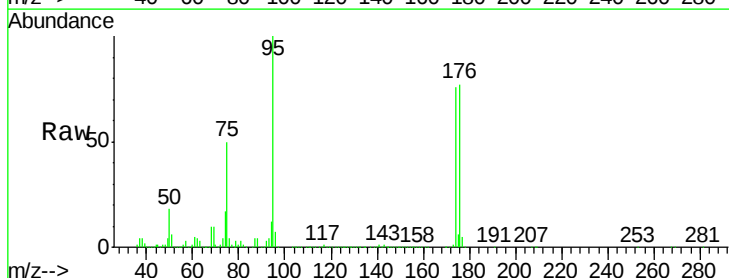
Tgt Ion: 95 Resp: 740801

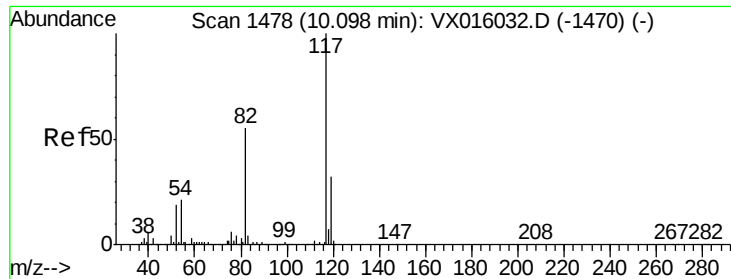
Ion Ratio Lower Upper

95 100

174 81.3 0.0 159.4

176 77.5 0.0 157.6





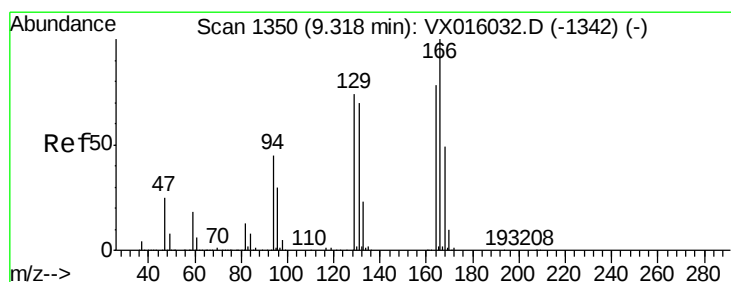
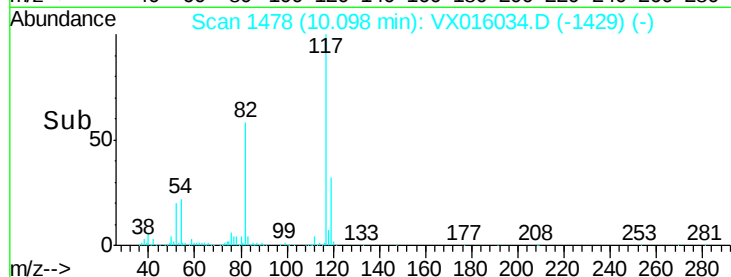
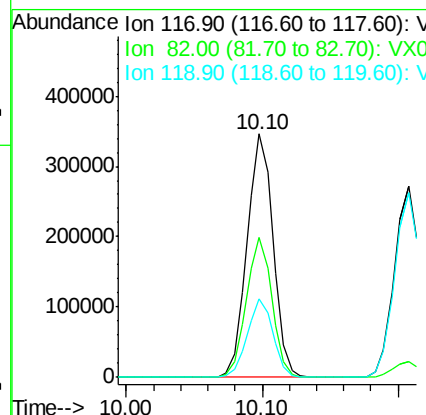
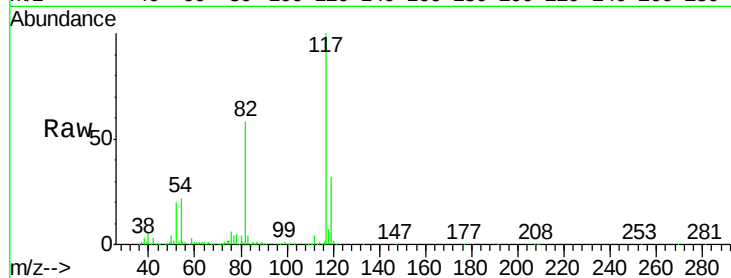
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	462159		
82	57.6	44.4	66.6	
119	32.4	25.5	38.3	

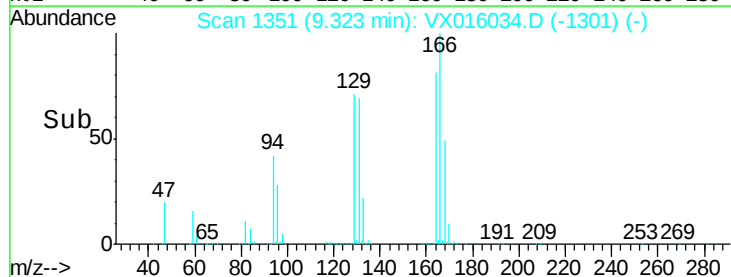
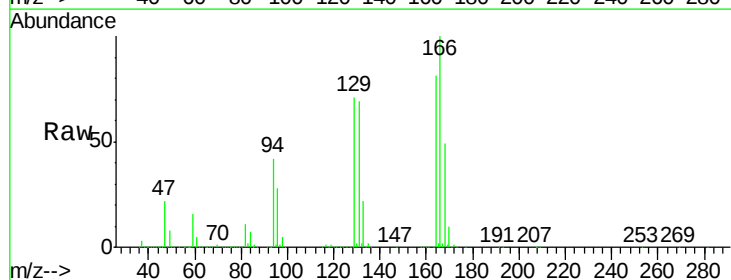
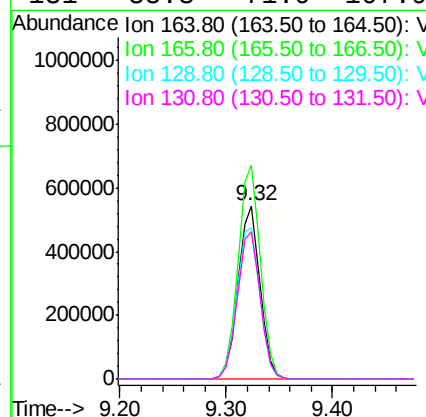
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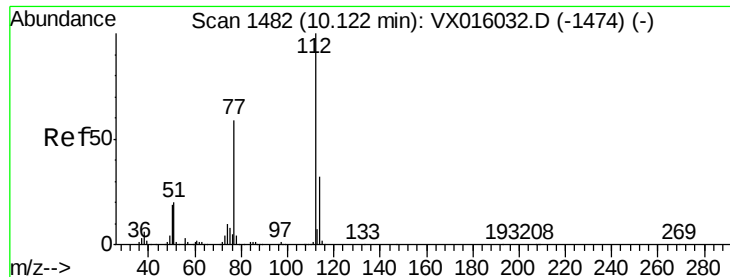
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#64
Tetrachloroethene
Concen: 133.739 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	784916		
166	123.6	102.9	154.3	
129	87.3	76.1	114.1	
131	85.3	71.9	107.9	





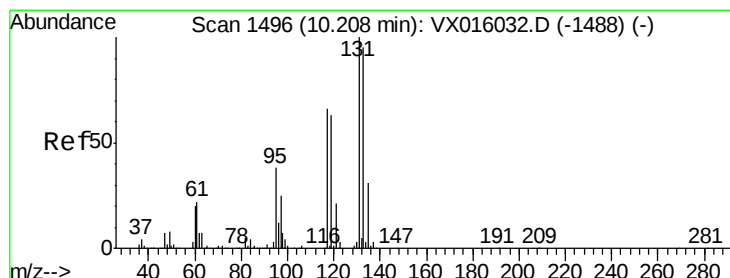
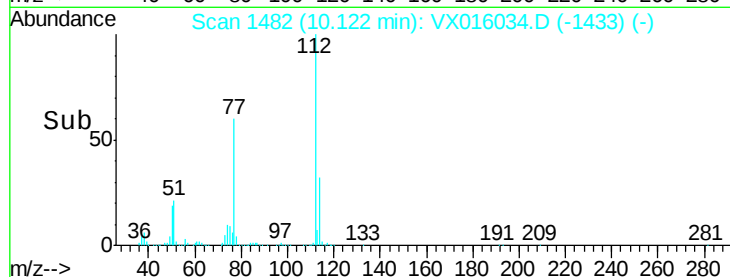
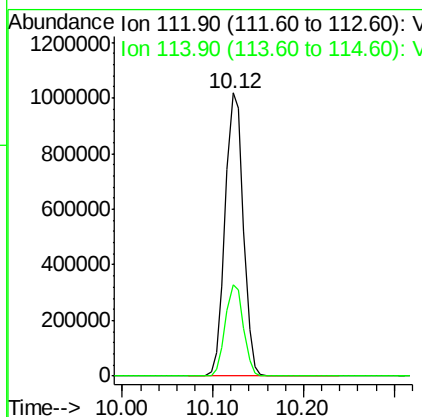
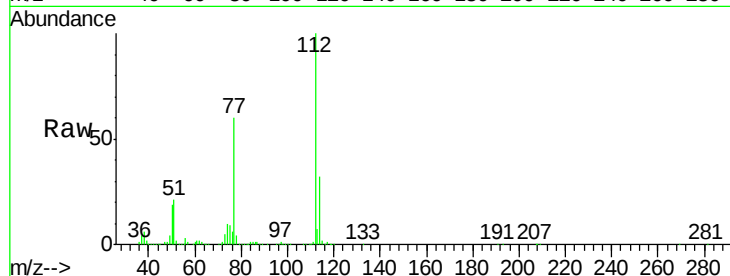
#65
Chlorobenzene
Concen: 144.999 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1420909
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

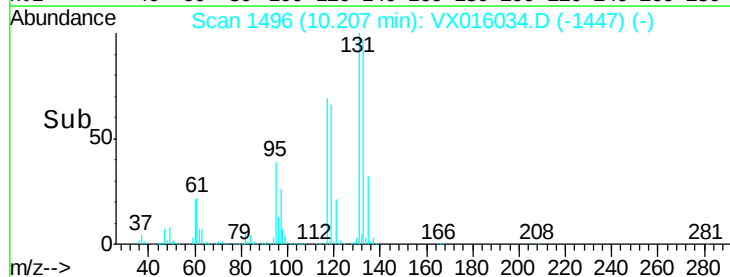
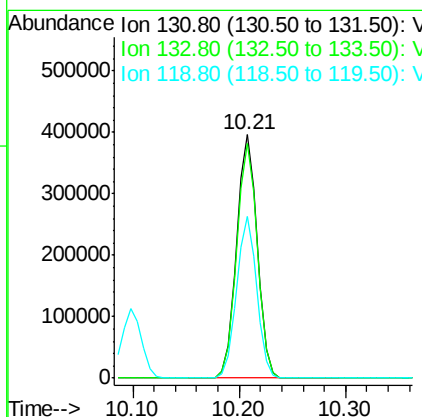
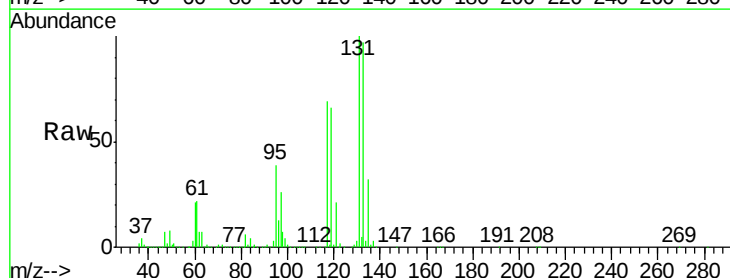
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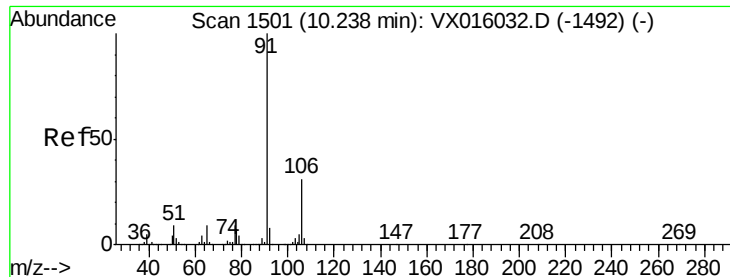
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#66
1,1,1,2-Tetrachloroethane
Concen: 150.821 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Tgt Ion:131 Resp: 537716
Ion Ratio Lower Upper
131 100
133 96.7 48.3 144.8
119 65.3 32.3 96.9





#67

Ethyl Benzene

Concen: 145.330 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2533463

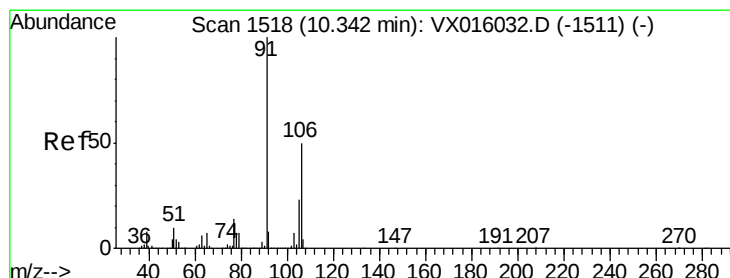
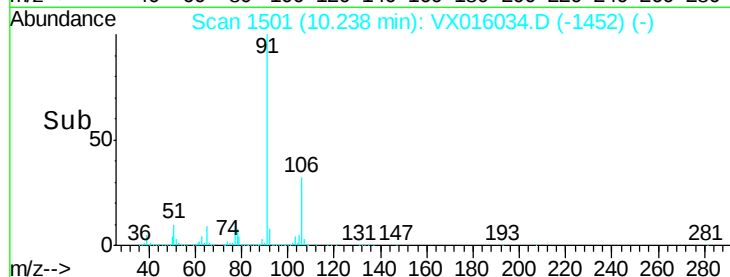
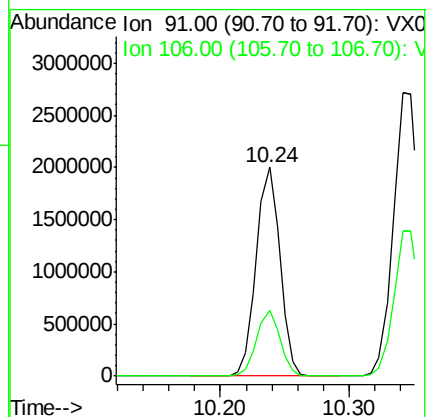
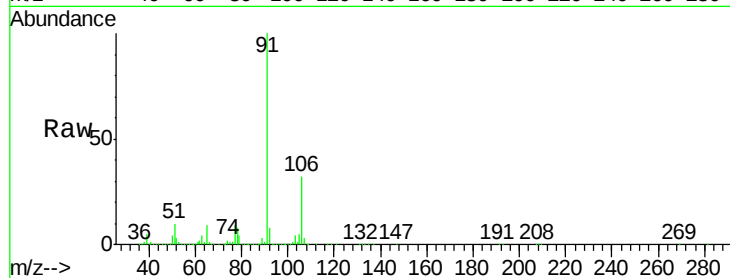
Ion Ratio Lower Upper

91 100

106 31.7 25.1 37.7

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#68

m/p-Xylenes

Concen: 299.291 ug/l

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX016034.D

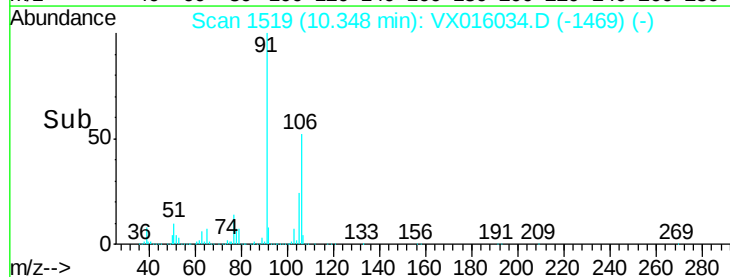
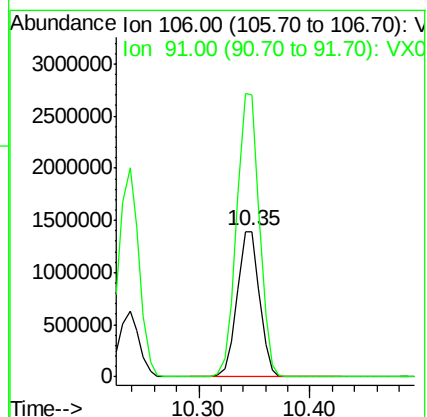
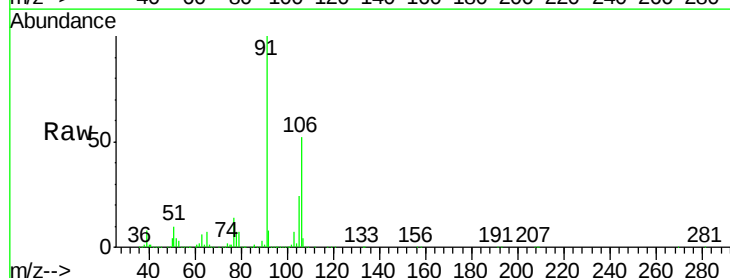
Acq: 04 May 2020 13:33

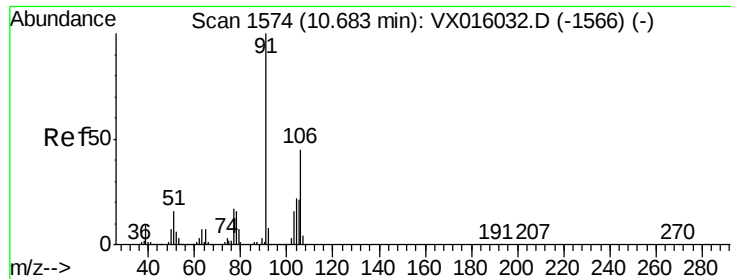
Tgt Ion: 106 Resp: 1937732

Ion Ratio Lower Upper

106 100

91 197.6 161.7 242.5





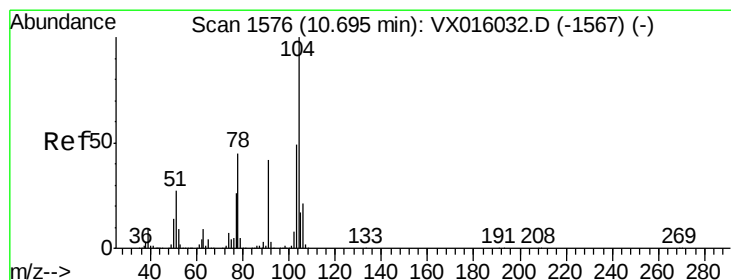
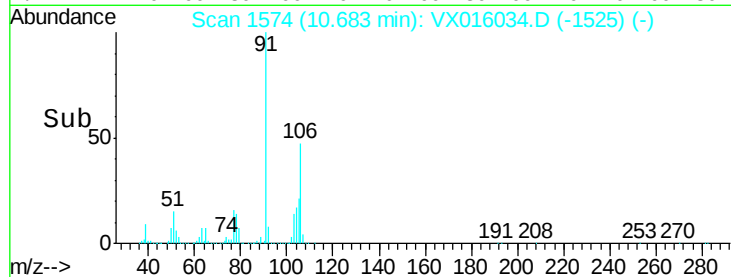
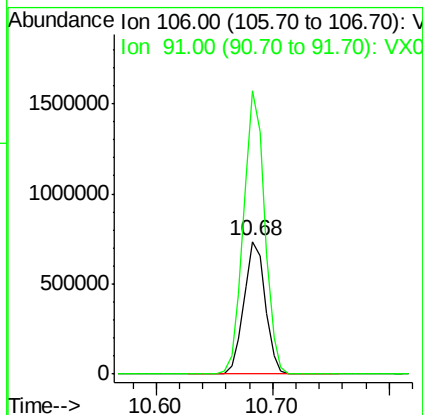
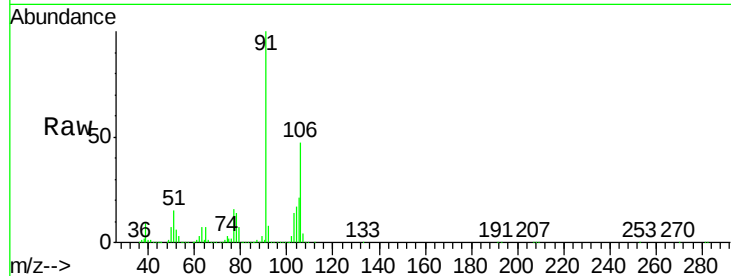
#69
o-Xylene
Concen: 152.861 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.6	107.5	322.6

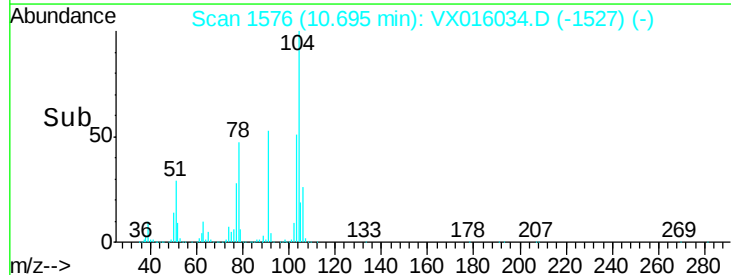
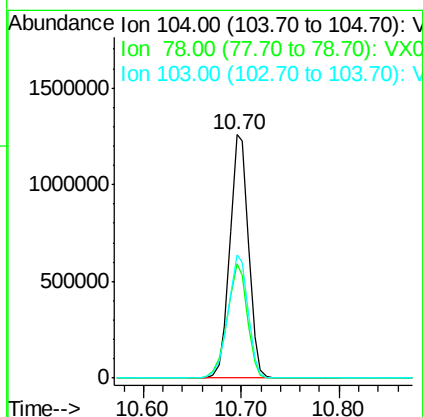
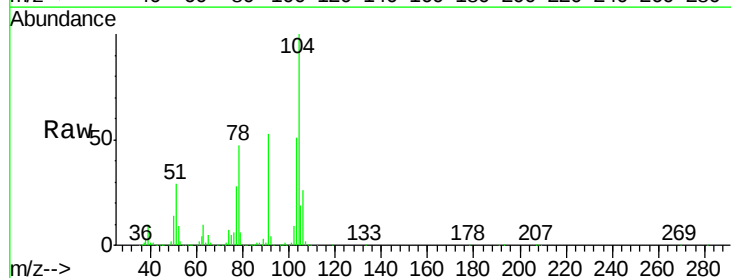
Manual Integrations
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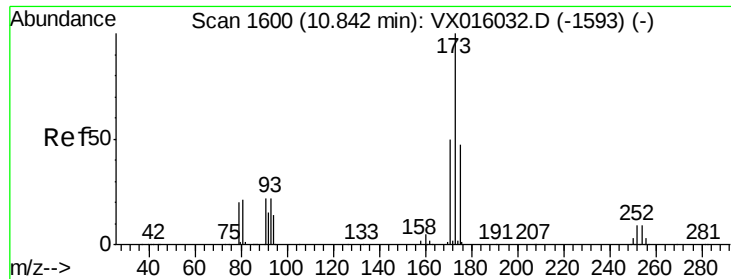
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#70
Styrene
Concen: 161.270 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.1	40.2	60.2
103	54.0	43.0	64.6





#71

Bromoform

Concen: 178.498 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

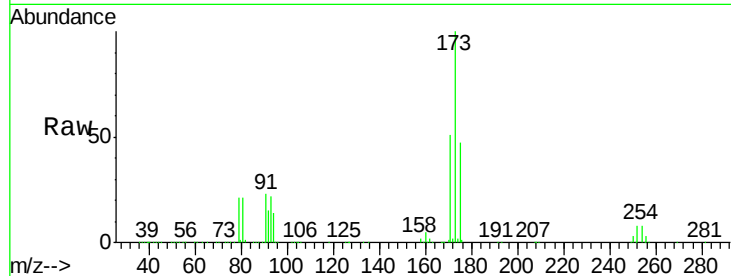
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.0	72.0
254	0.1	0.1	0.1

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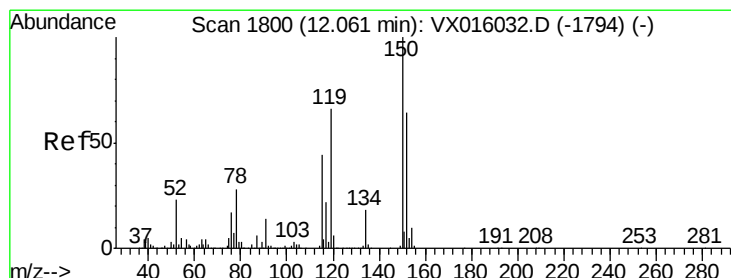
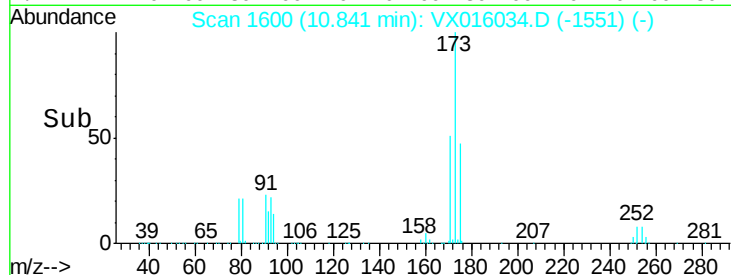
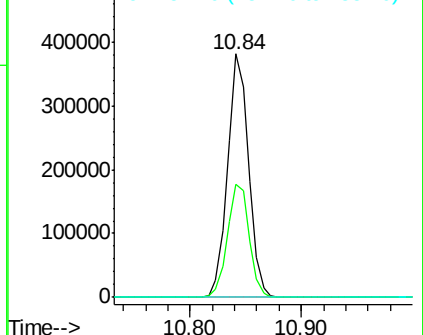


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

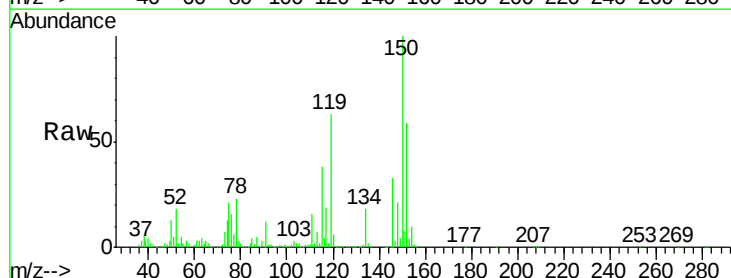
RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	131.0	41.3	124.1
150	210.6	0.0	352.2

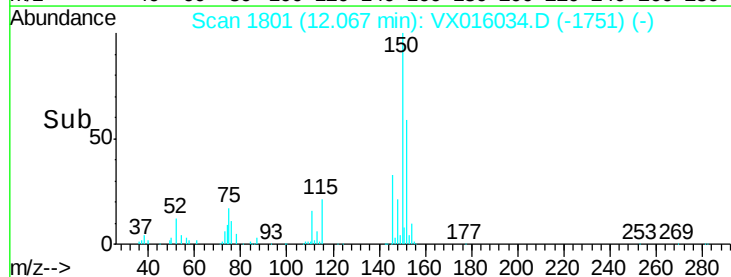
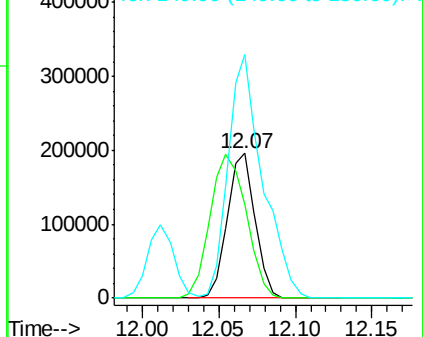


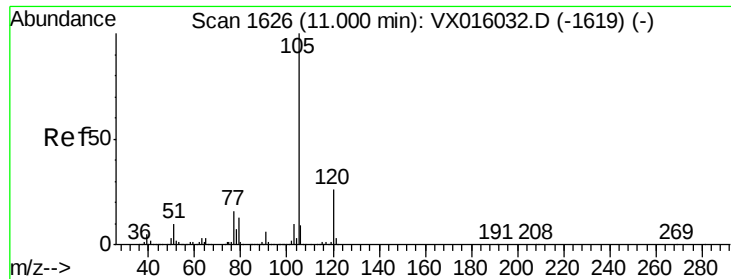
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 137.192 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2490602

Ion Ratio Lower Upper

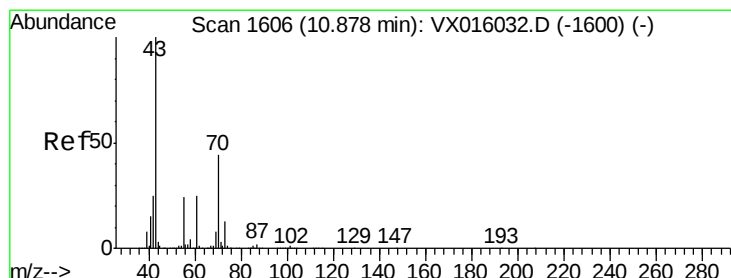
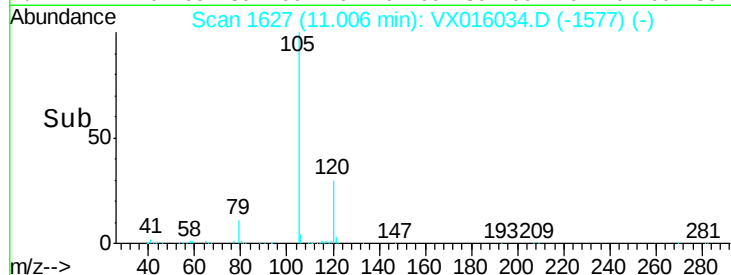
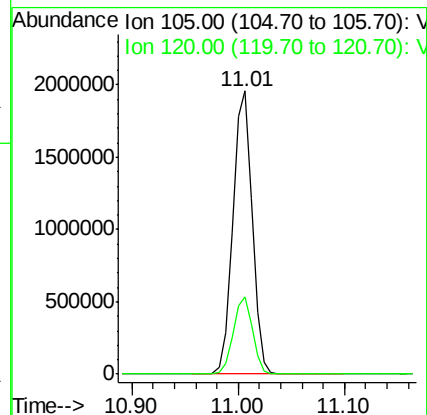
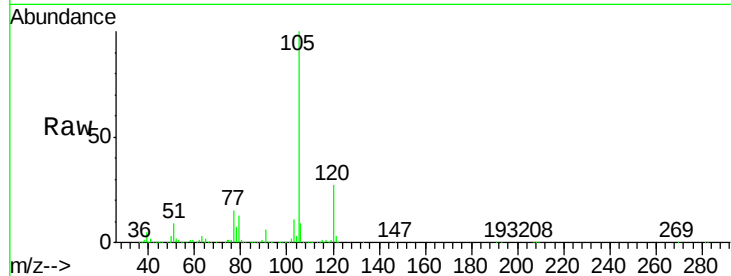
105 100

120 27.1 13.4 40.2

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#74

N-ethyl acetate

Concen: 148.313 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Tgt Ion: 43 Resp: 1231417

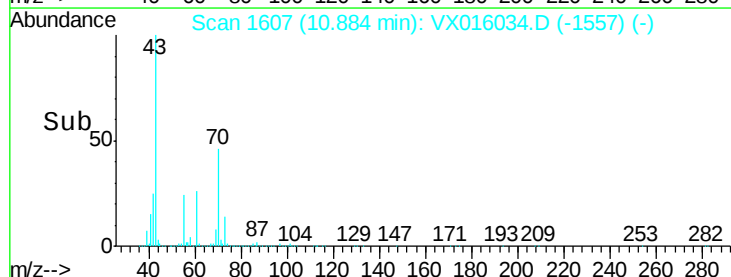
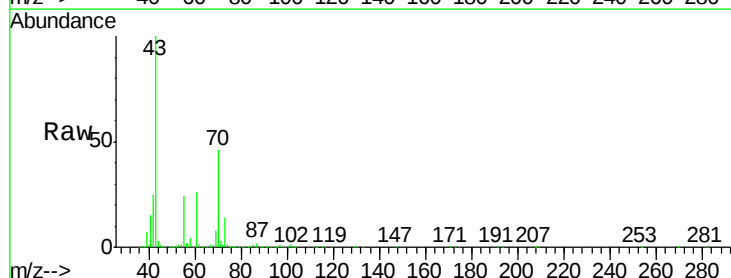
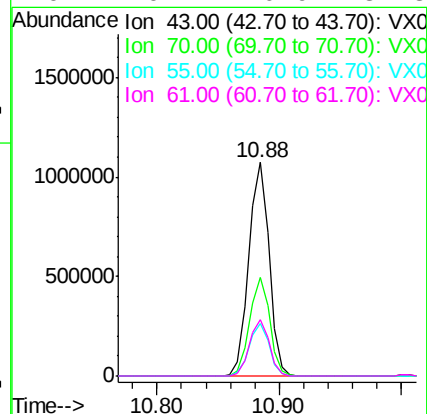
Ion Ratio Lower Upper

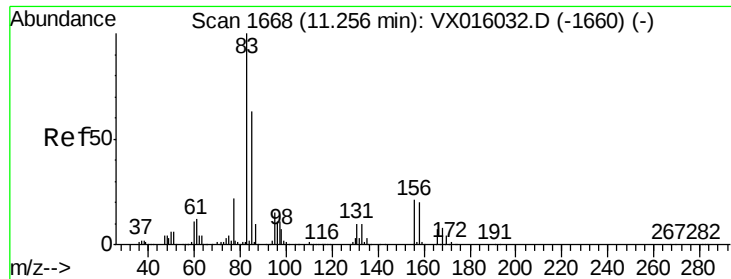
43 100

70 45.7 36.5 54.7

55 24.2 19.7 29.5

61 26.1 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 240.540 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

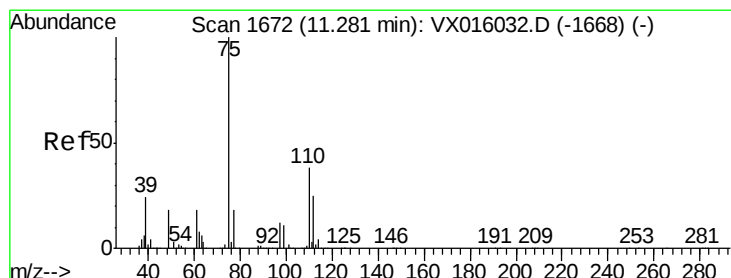
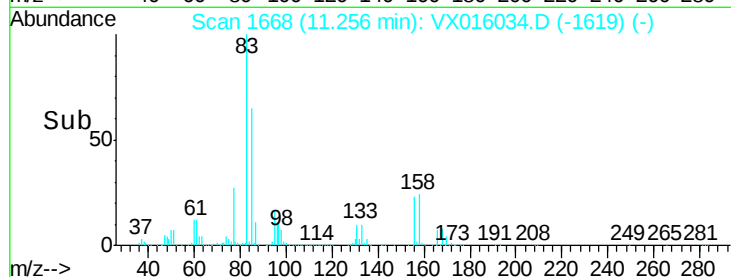
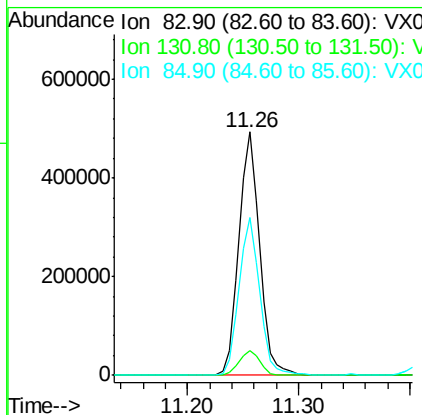
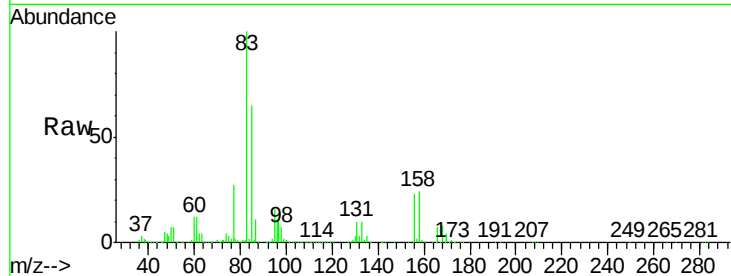
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	637374
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.9	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 107.032 ug/l m

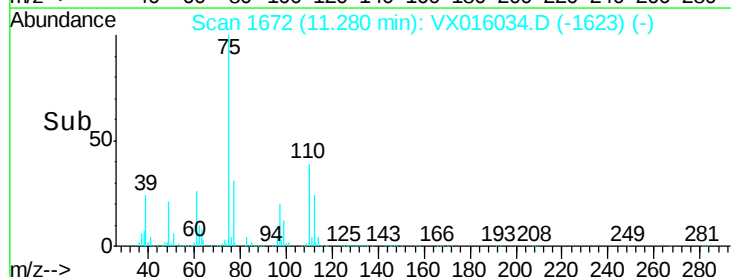
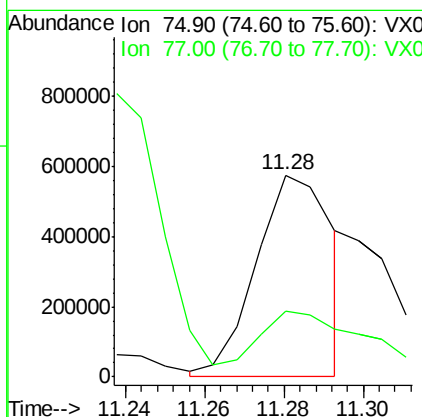
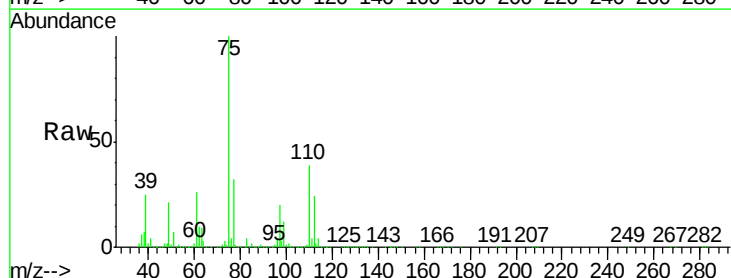
RT: 11.28 min Scan# 1672

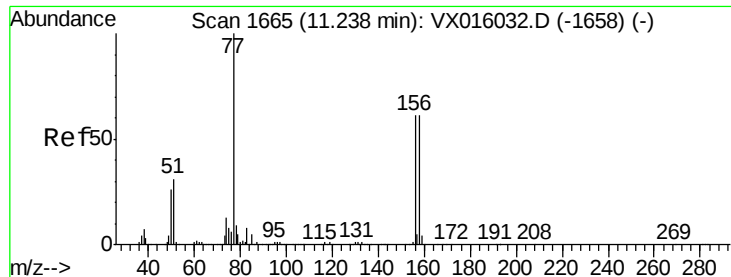
Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Tgt Ion:	75	Resp:	764267
Ion Ratio	Lower	Upper	
75	100		
77	46.9	21.2	63.6





#77

Bromobenzene

Concen: 138.724 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

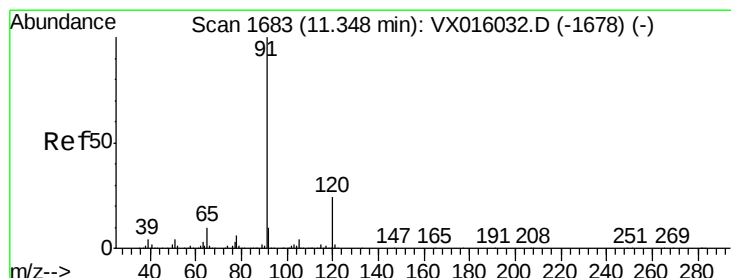
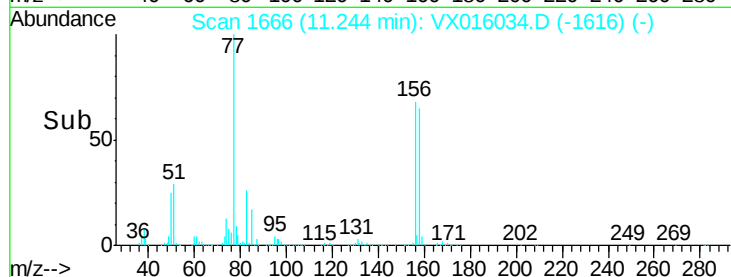
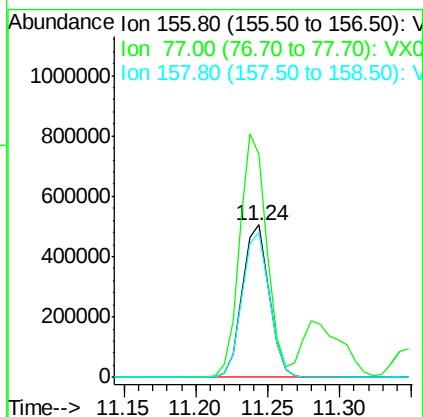
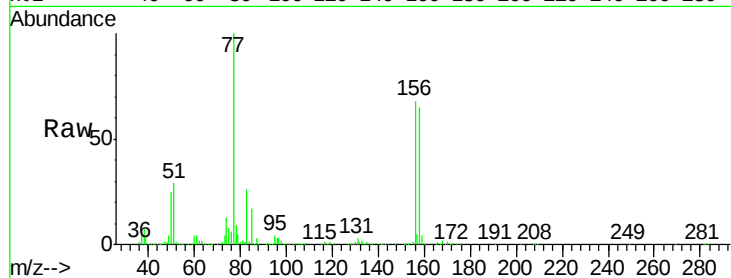
ClientSampled :

VSTDIC150

Tot Ion:	156	Resp:	650805
Ion Ratio	Lower	Upper	
156	100		
77	160.8	80.1	240.3
158	96.6	49.4	148.2

Manual Integrations
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5/5/2020 11:35:26 AM



#78

n-propylbenzene

Concen: 139.088 ug/l

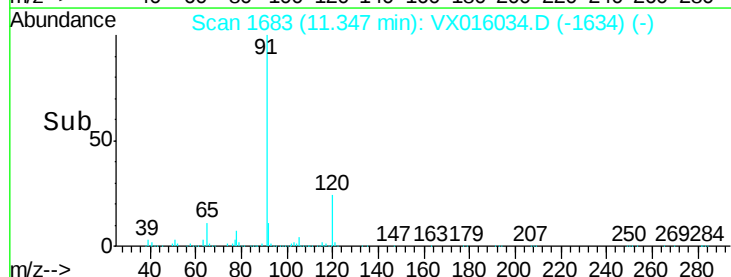
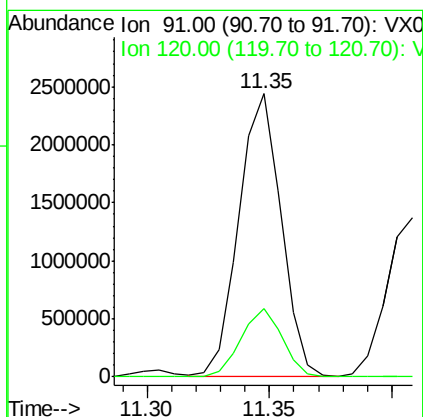
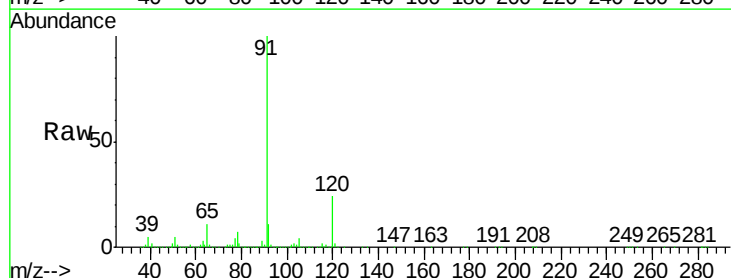
RT: 11.35 min Scan# 1683

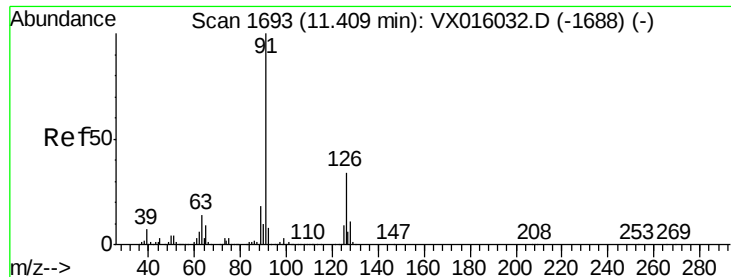
Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Tgt Ion:	91	Resp:	2929463
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.5





#79

2-Chlorotoluene

Concen: 138.910 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 1730422

Ion Ratio Lower Upper

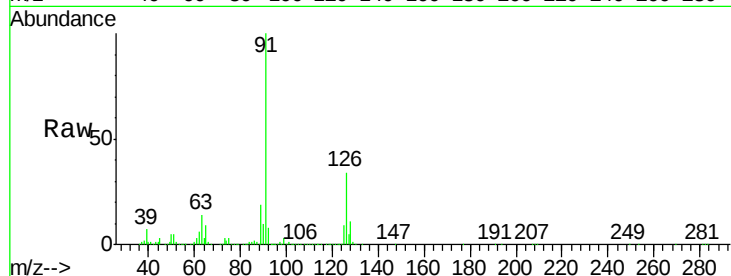
91 100

126 34.0 16.9 50.6

Manual Integrations
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MMDadoda

5/5/2020 11:35:26 AM



Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016032.D (-1688) (-)

2500000

2000000

1500000

1000000

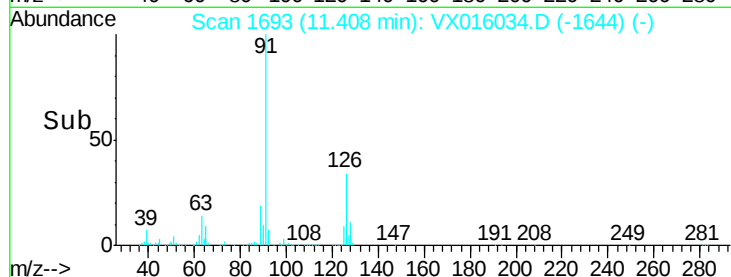
500000

0

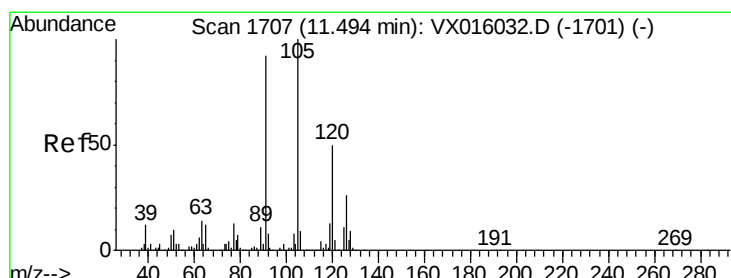
11.35

11.40

11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 144.175 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016034.D

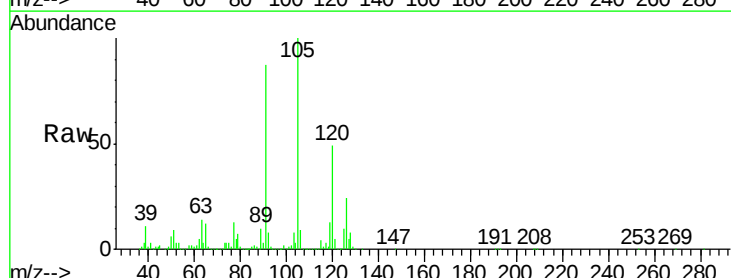
Acq: 04 May 2020 13:33

Tgt Ion:105 Resp: 2179347

Ion Ratio Lower Upper

105 100

120 49.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016032.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016032.D (-1701) (-)

2000000

1500000

1000000

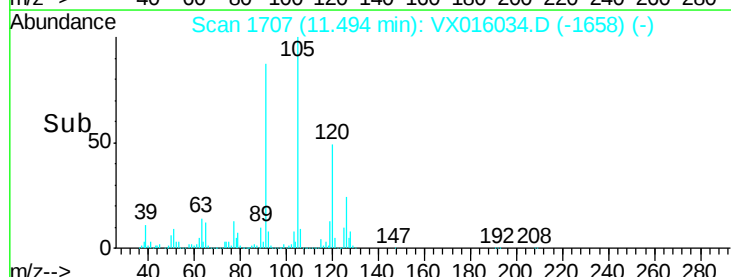
500000

0

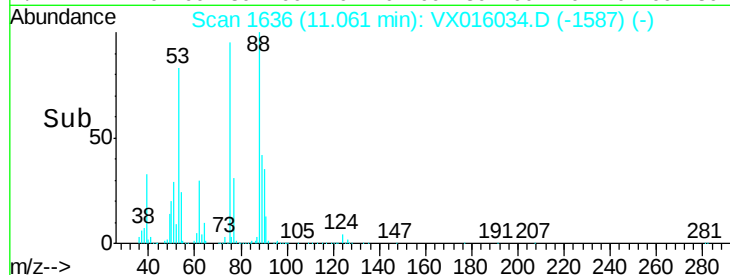
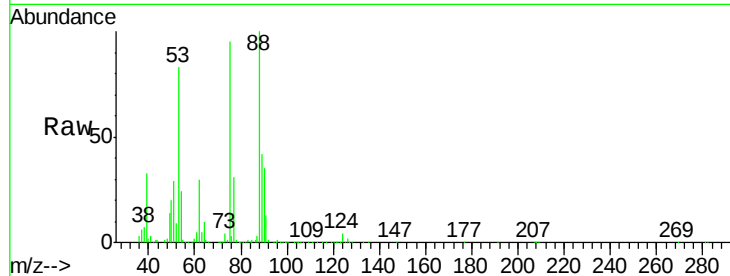
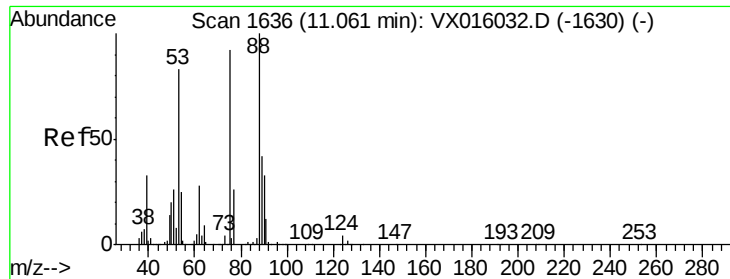
11.40

11.50

11.60



Time-->



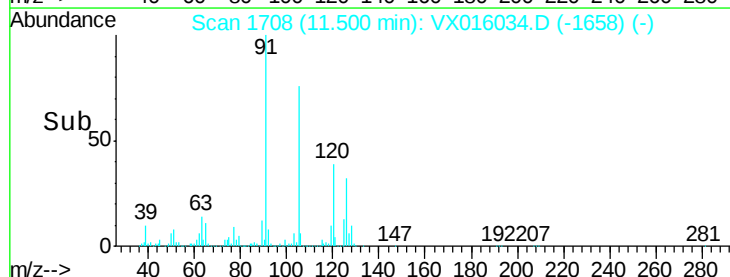
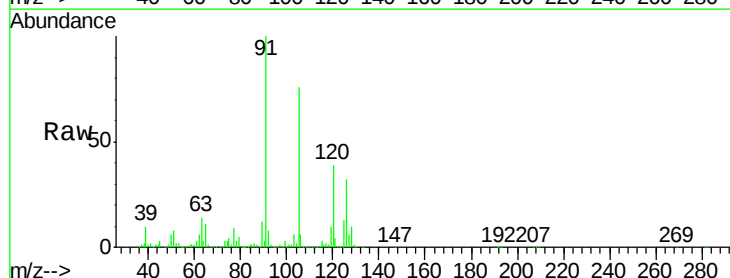
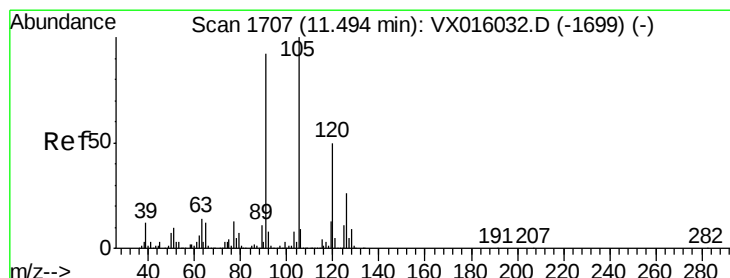
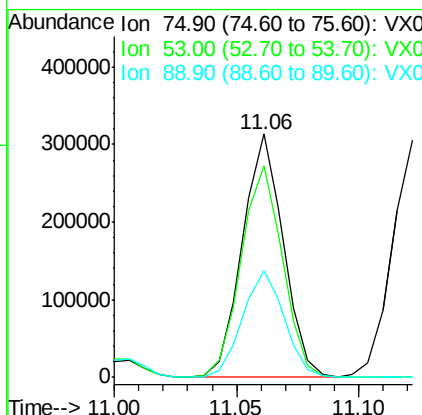
#81
trans-1,4-Dichloro-2-butene
Concen: 159.794 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.9	73.1	109.7
89	44.7	36.7	55.1

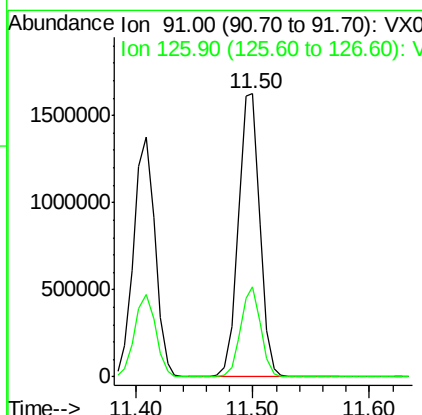
Manual Integrations
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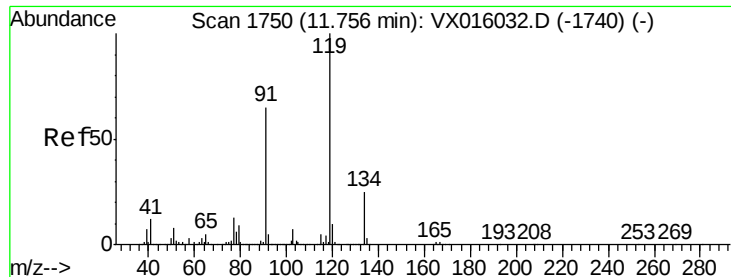
MMDadoda
5/5/2020 11:35:26 AM



#82
4-Chlorotoluene
Concen: 142.440 ug/l
RT: 11.50 min Scan# 1708
Delta R.T. 0.01 min
Lab File: VX016034.D
Acq: 04 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.8	44.3





#83

tert-Butylbenzene

Concen: 145.690 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:119 Resp: 1896600

Ion Ratio Lower Upper

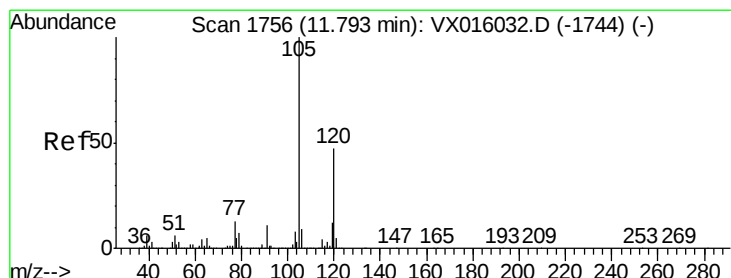
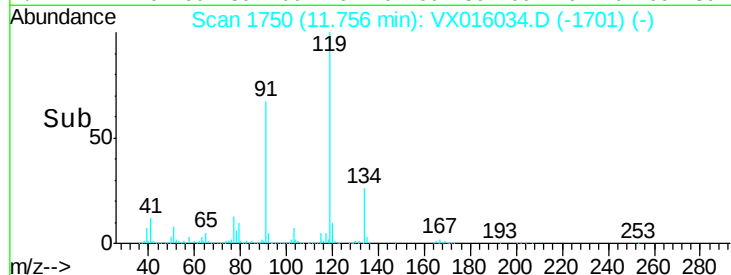
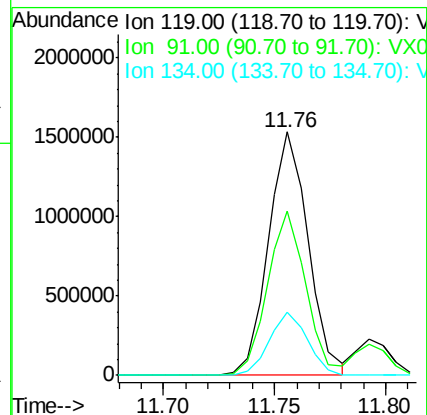
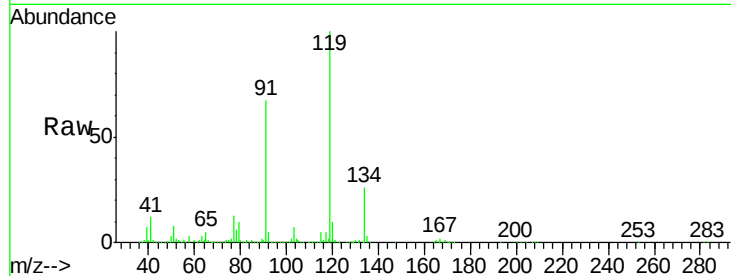
119 100

91 65.6 32.8 98.4

134 24.9 12.4 37.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 144.731 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016034.D

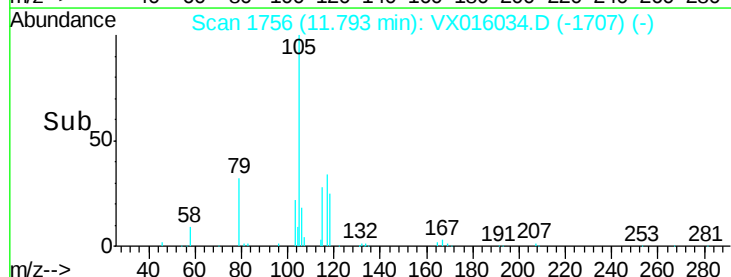
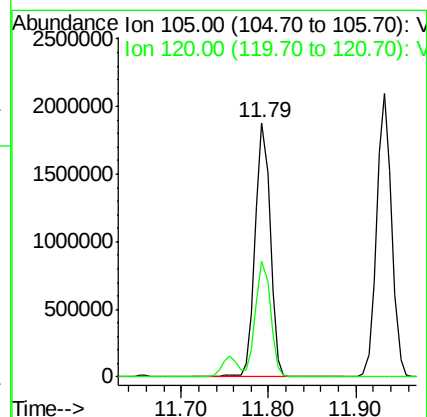
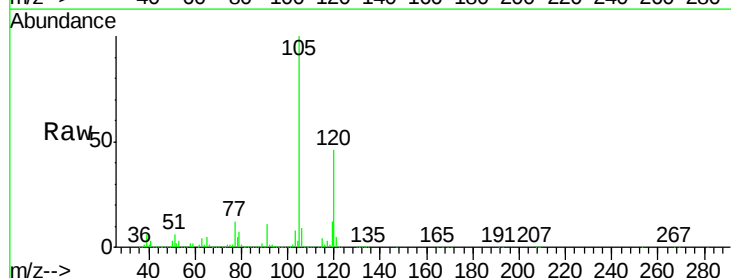
Acq: 04 May 2020 13:33

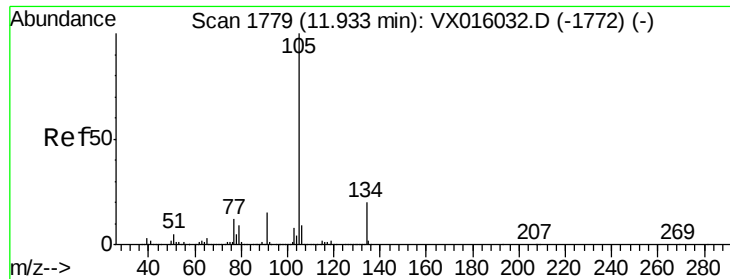
Tgt Ion:105 Resp: 2216581

Ion Ratio Lower Upper

105 100

120 45.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 143.471 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2533414

Ion Ratio Lower Upper

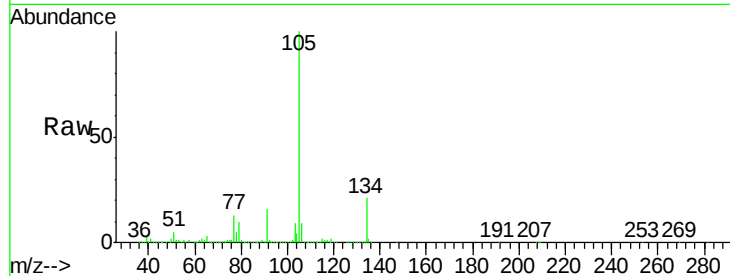
105 100

134 20.6 10.1 30.3

Manual Integrations
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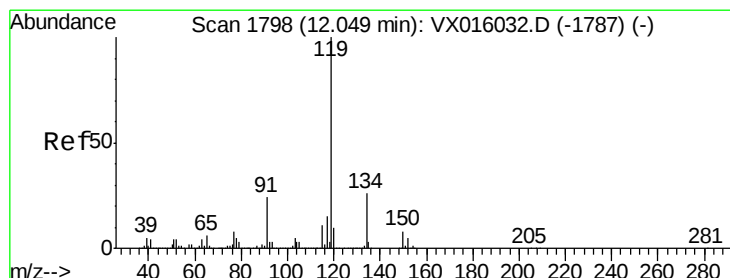
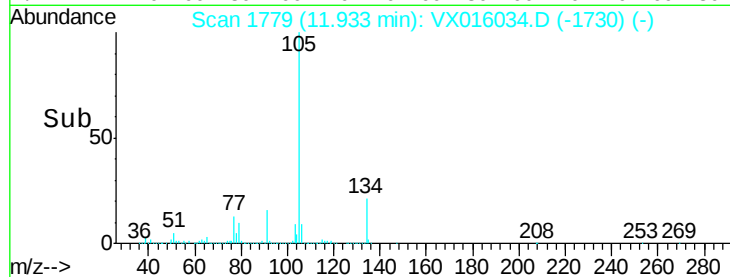
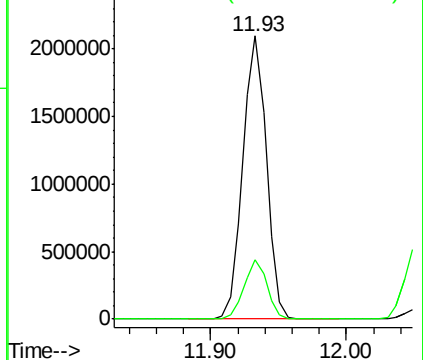
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 145.527 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

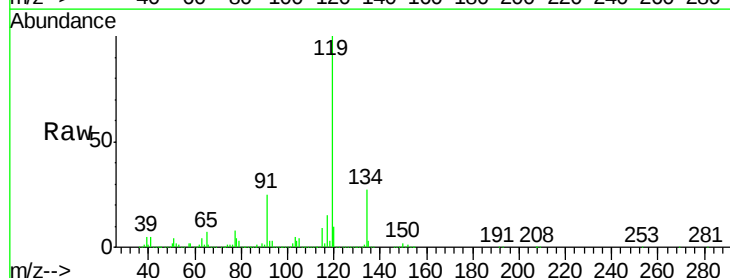
Tgt Ion:119 Resp: 2377029

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

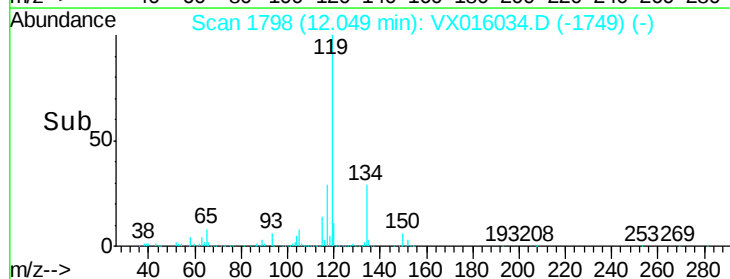
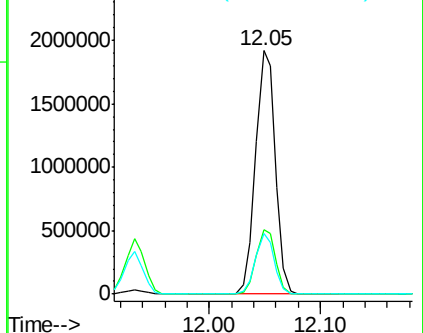
91 23.8 11.8 35.4

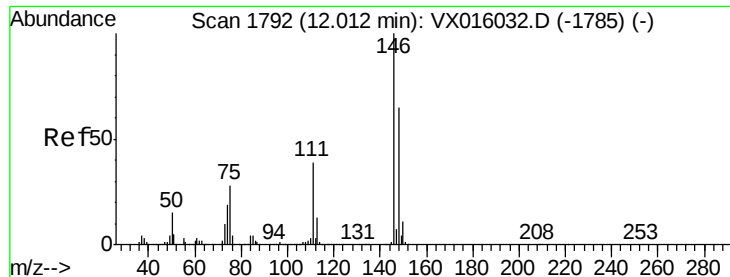


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





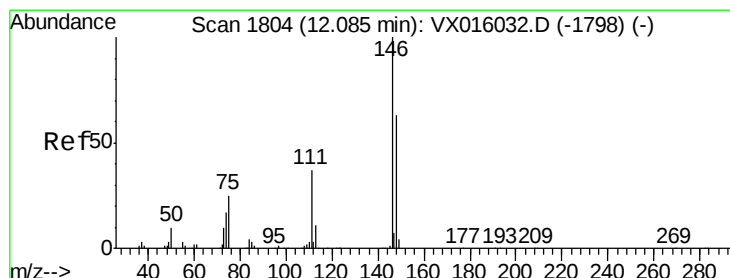
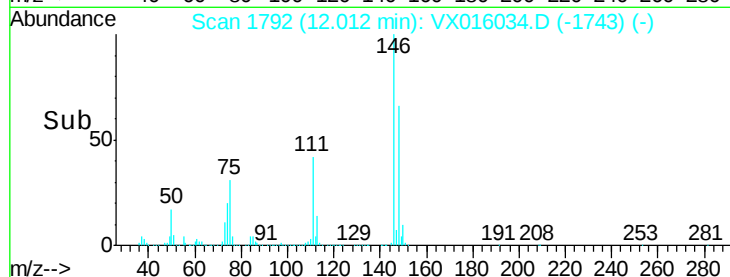
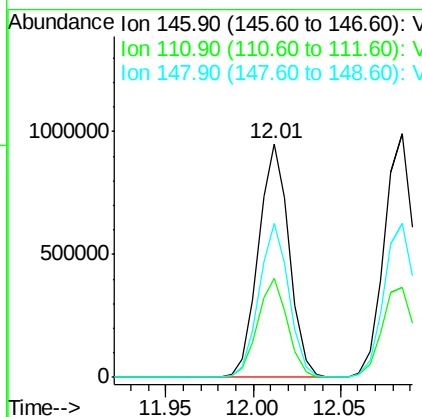
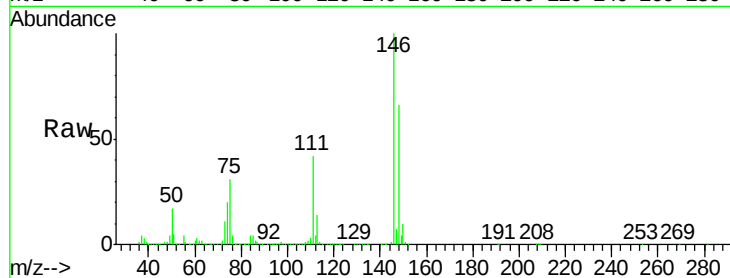
#87
 1,3-Dichlorobenzene
 Concen: 138.541 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016034.D
 Acq: 04 May 2020 13:33

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.2	60.6
148	64.0	32.1	96.3

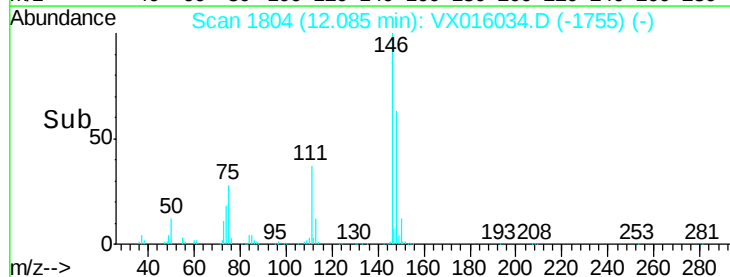
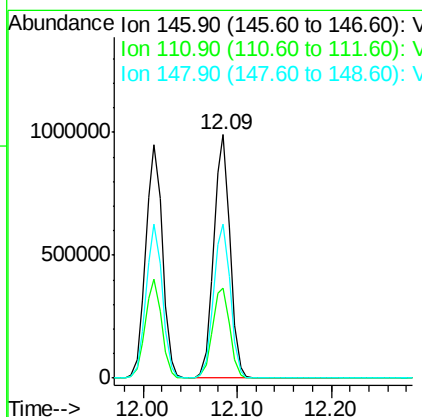
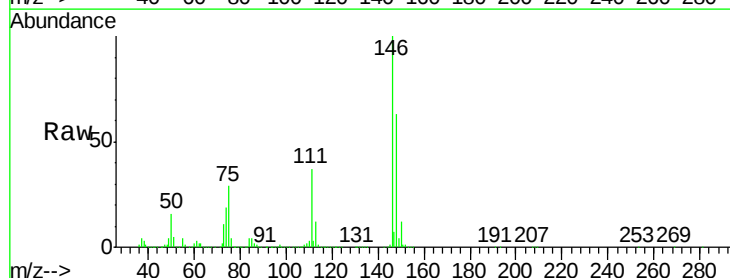
Manual Integrations
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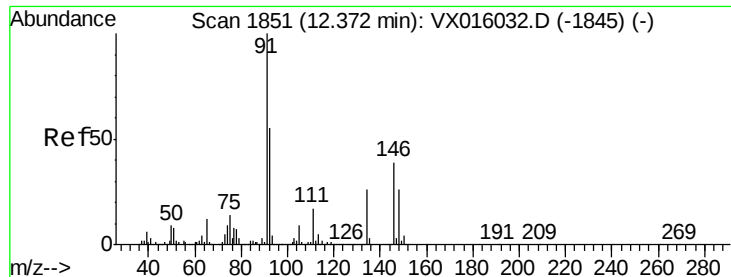
MMDadoda
 5/5/2020 11:35:26 AM



#88
 1,4-Dichlorobenzene
 Concen: 139.656 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016034.D
 Acq: 04 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	65.2	31.8	95.3





#89

n-Butylbenzene

Concen: 148.549 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 2207838

Ion Ratio Lower Upper

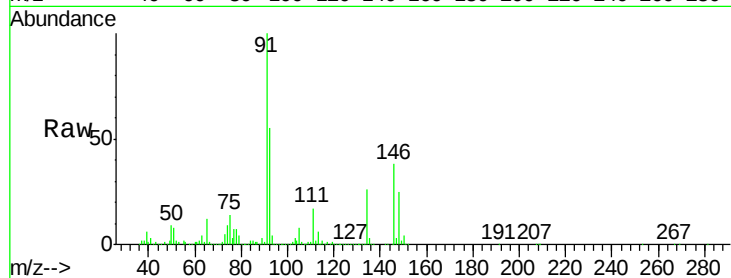
91 100

92 55.2 27.6 82.7

134 27.1 13.4 40.1

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1845) (-)

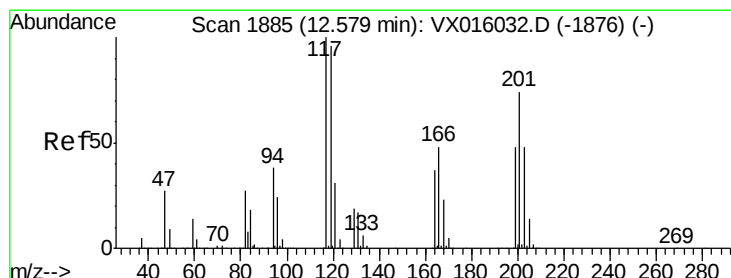
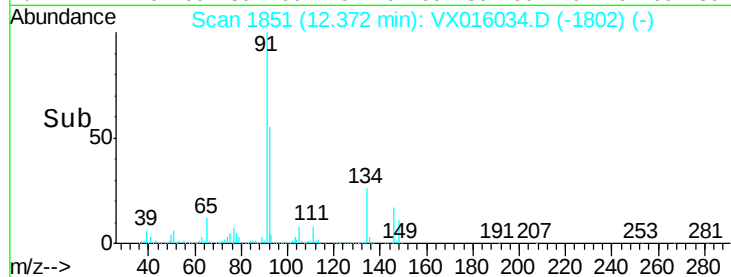
Ion 92.00 (91.70 to 92.70): VX016032.D (-1845) (-)

Ion 134.00 (133.70 to 134.70): VX016032.D (-1845) (-)

Time-->

12.37

12.30 12.40 12.50



#90

Hexachloroethane

Concen: 163.089 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016034.D

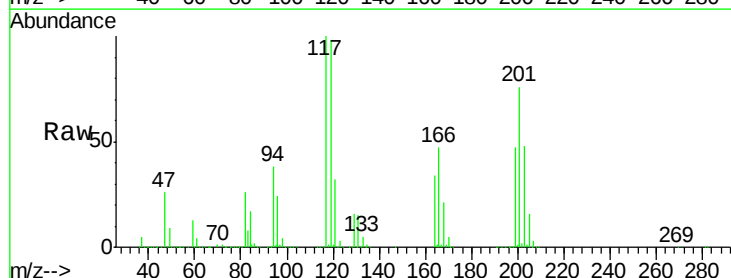
Acq: 04 May 2020 13:33

Tgt Ion: 117 Resp: 442695

Ion Ratio Lower Upper

117 100

201 80.4 39.8 119.3



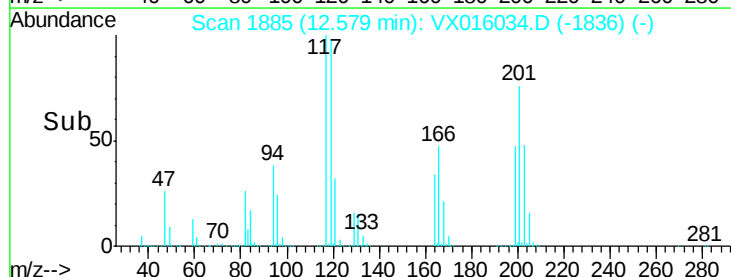
Abundance Ion 116.80 (116.50 to 117.50): VX016032.D (-1876) (-)

Ion 200.70 (200.40 to 201.40): VX016032.D (-1876) (-)

Time-->

12.58

12.50 12.60





#91

1,2-Dichlorobenzene

Concen: 140.178 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 1133754

Ion Ratio Lower Upper

146 100

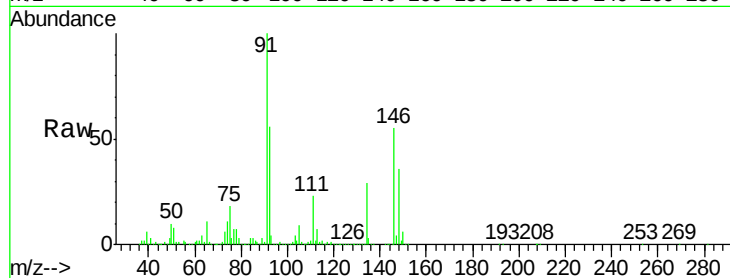
111 41.8 21.1 63.1

148 64.0 32.4 97.0

Manual Integrations
APPROVED

MMDadoda

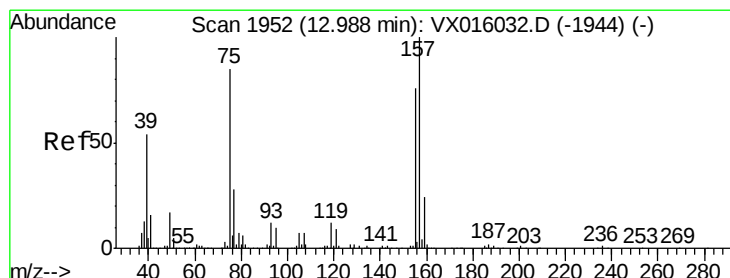
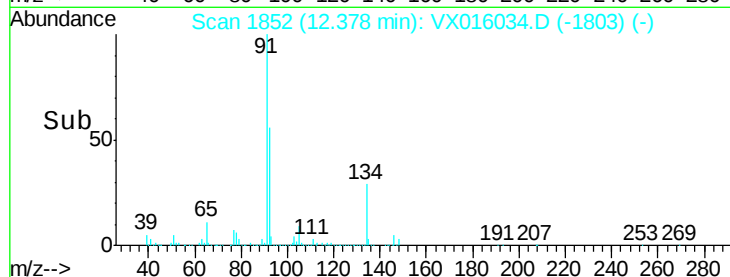
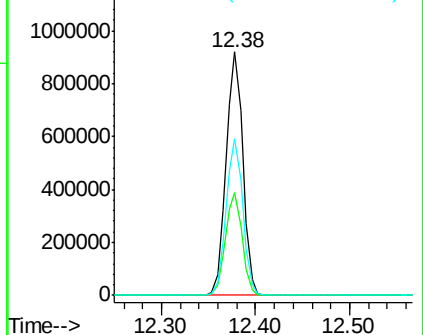
5/5/2020 11:35:26 AM



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 150.924 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

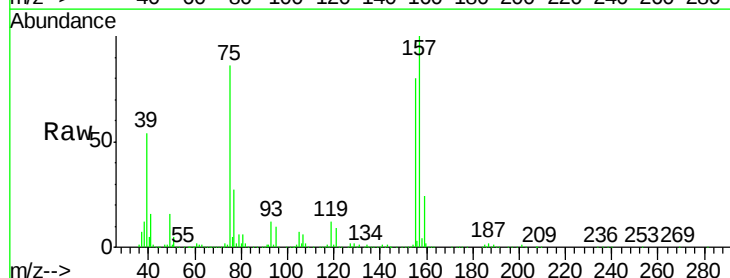
Tgt Ion: 75 Resp: 220425

Ion Ratio Lower Upper

75 100

155 87.7 42.5 127.5

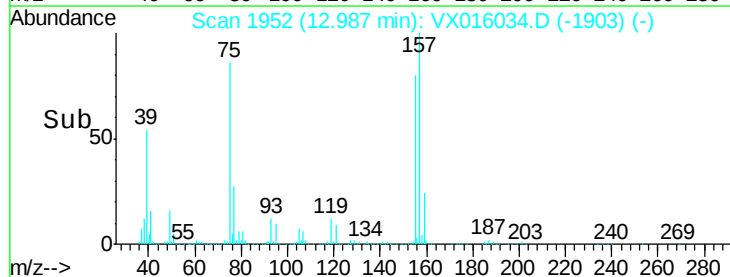
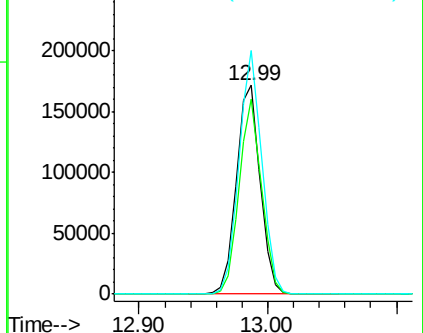
157 111.1 55.3 165.8

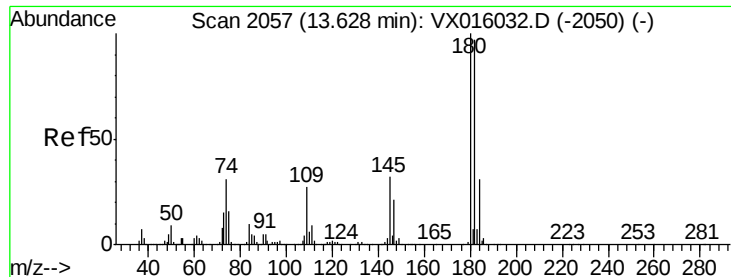


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





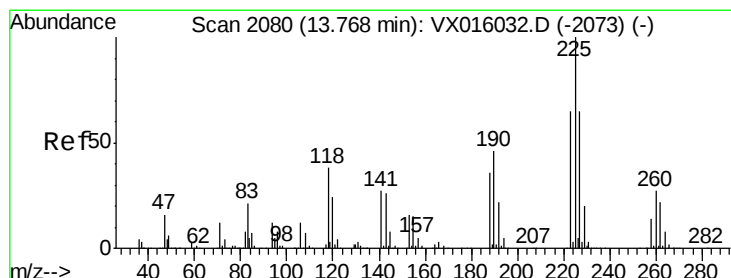
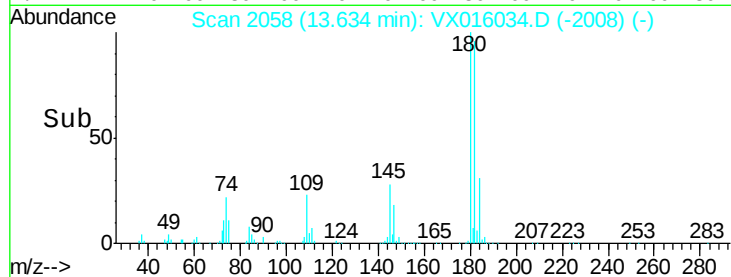
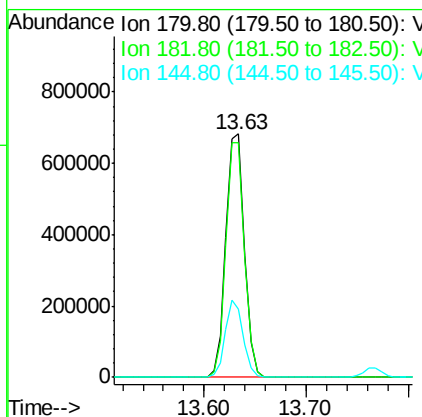
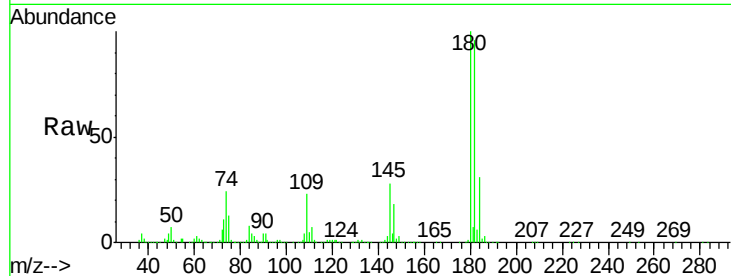
#93
 1,2,4-Trichlorobenzene
 Concen: 143.433 ug/l
 RT: 13.63 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: VX016034.D
 Acq: 04 May 2020 13:33

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	855491		
182	96.4	48.7	146.1	
145	30.5	15.7	47.1	

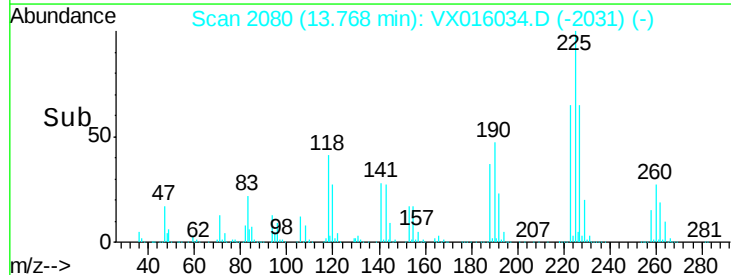
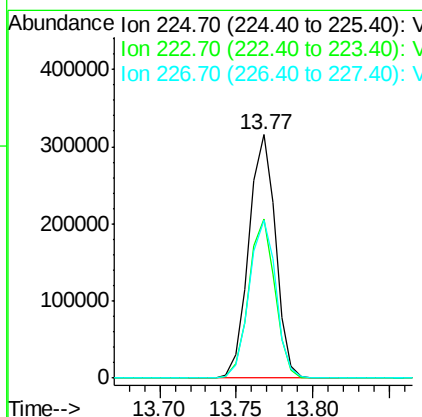
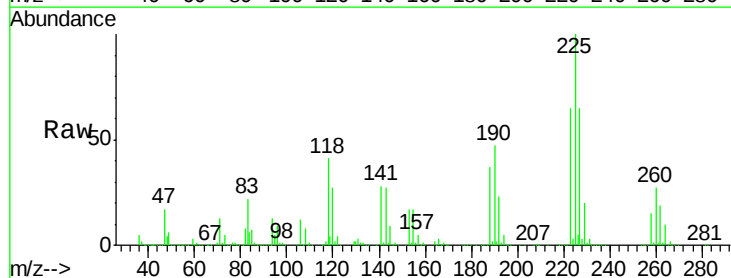
Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:35:26 AM



#94
 Hexachlorobutadiene
 Concen: 136.698 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016034.D
 Acq: 04 May 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	382949		
223	63.7	32.3	96.9	
227	65.0	31.8	95.4	





#95

Naphthalene

Concen: 144.951 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 2783482

Ion Ratio Lower Upper

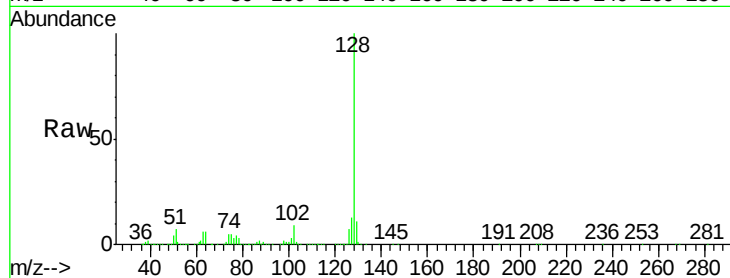
128 100

127 12.9 10.2 15.4

129 11.0 8.7 13.1

Manual Integrations
APPROVED

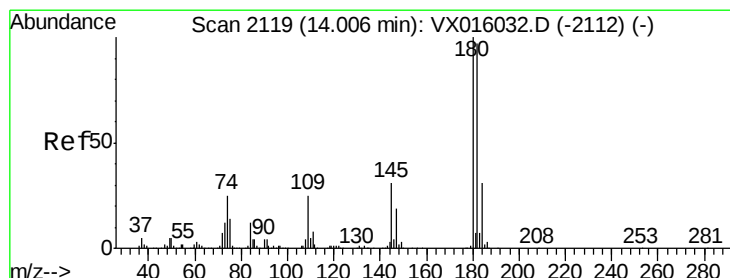
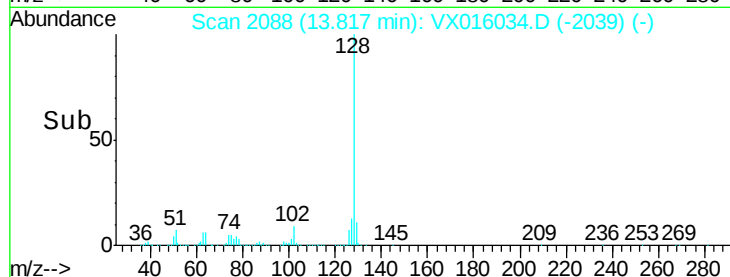
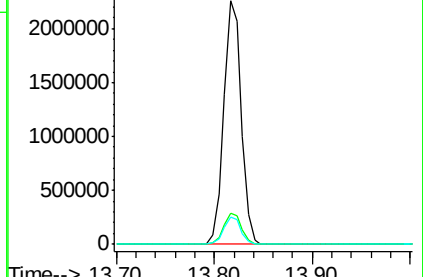
MMDadoda
5/5/2020 11:35:26 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 141.326 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016034.D

Acq: 04 May 2020 13:33

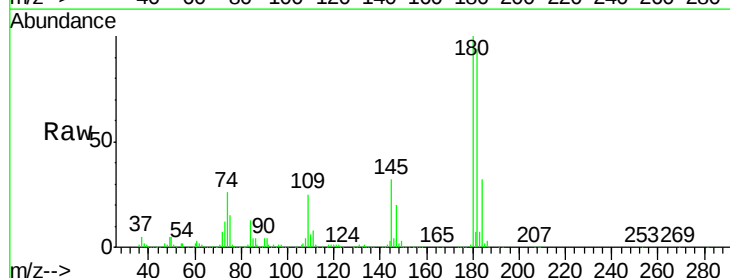
Tgt Ion:180 Resp: 824769

Ion Ratio Lower Upper

180 100

182 95.6 48.4 145.0

145 32.3 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

