

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016241.D
 Acq On : 14 May 2020 19:02
 Operator : JC/SP
 Sample : L2643-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MS

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 12:29:07 PM

Quant Time: May 15 04:16:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	236923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	387015	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	155958	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	5.46	113	124263	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	8.70	98	478815	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.12	95	191624	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126768	50.550	ug/l	98
3) Chloromethane	1.31	50	138353	47.506	ug/l	100
4) Vinyl Chloride	1.39	62	150950	48.581	ug/l	97
5) Bromomethane	1.62	94	64533	41.196	ug/l	95
6) Chloroethane	1.70	64	91240	48.261	ug/l	100
7) Trichlorofluoromethane	1.91	101	196050	48.060	ug/l	99
8) Diethyl Ether	2.17	74	82677	48.103	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	111631	47.432	ug/l	100
10) Methyl Iodide	2.49	142	104390	33.022	ug/l	100
11) Tert butyl alcohol	3.03	59	194182	246.306	ug/l	100
12) 1,1-Dichloroethene	2.35	96	114965	46.680	ug/l	98
13) Acrolein	2.27	56	114243	231.571	ug/l	98
14) Allyl chloride	2.70	41	212357	47.026	ug/l	96
15) Acrylonitrile	3.12	53	416662	254.763	ug/l	99
16) Acetone	2.42	43	329918	237.168	ug/l	95
17) Carbon Disulfide	2.54	76	334859	45.256	ug/l	99
18) Methyl Acetate	2.75	43	171028	50.004	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	438686	51.670	ug/l	99
20) Methylene Chloride	2.83	84	138052	48.141	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	131588	47.946	ug/l	98
22) Diisopropyl ether	3.82	45	428650	50.316	ug/l	95
23) Vinyl Acetate	3.78	43	1773521	236.625	ug/l	100
24) 1,1-Dichloroethane	3.67	63	244153	51.232	ug/l	100
25) 2-Butanone	4.64	43	567349	253.102	ug/l	99
26) 2,2-Dichloropropane	4.55	77	195570	44.936	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	160690	53.556	ug/l	96
28) Bromochloromethane	4.98	49	105633	48.610	ug/l	97
29) Tetrahydrofuran	5.09	42	374833	252.366	ug/l	98
30) Chloroform	5.18	83	245879	51.819	ug/l	99
31) Cyclohexane	5.55	56	206151	47.598	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	216999	50.312	ug/l	99
36) 1,1-Dichloropropene	5.77	75	182140	47.810	ug/l	99
37) Ethyl Acetate	4.80	43	208271	47.169	ug/l	99
38) Carbon Tetrachloride	5.76	117	194274	50.171	ug/l	94

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Quant Time: May 15 04:16:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	203814	44.425	ug/l	99
40) Benzene	6.12	78	556503	49.925	ug/l	100
41) Methacrylonitrile	5.01	41	114842	48.161	ug/l	97
42) 1,2-Dichloroethane	6.17	62	195979	48.807	ug/l	99
43) Isopropyl Acetate	6.42	43	333419	47.327	ug/l	98
44) Trichloroethene	7.19	130	207838	52.484	ug/l	96
45) 1,2-Dichloropropane	7.49	63	146474	51.932	ug/l	100
46) Dibromomethane	7.64	93	96093	50.134	ug/l	99
47) Bromodichloromethane	7.88	83	200717	51.417	ug/l	100
48) Methyl methacrylate	7.75	41	162901	48.798	ug/l	95
49) 1,4-Dioxane	7.71	88	81051	1012.344	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1091957	253.287	ug/l	98
52) Toluene	8.77	92	355332	51.142	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	228995	49.199	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	237917	48.938	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	143988	52.674	ug/l	99
56) Ethyl methacrylate	9.16	69	231009	51.772	ug/l	95
57) 1,3-Dichloropropane	9.35	76	245229	51.413	ug/l	100
59) 2-Hexanone	9.48	43	852884	251.912	ug/l	97
60) Dibromochloromethane	9.57	129	160214	53.216	ug/l	100
61) 1,2-Dibromoethane	9.65	107	151908	51.304	ug/l	99
64) Tetrachloroethene	9.32	164	206184	45.269	ug/l	97
65) Chlorobenzene	10.12	112	378337	48.701	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	145256	50.588	ug/l	99
67) Ethyl Benzene	10.24	91	669144	48.275	ug/l	99
68) m/p-Xylenes	10.34	106	508363	97.890	ug/l	98
69) o-Xylene	10.68	106	249504	49.982	ug/l	99
70) Styrene	10.70	104	421644	49.788	ug/l	100
71) Bromoform	10.84	173	125794	53.773	ug/l	100
73) Isopropylbenzene	11.00	105	658677	46.141	ug/l	100
74) N-amyl acetate	10.88	43	284580	42.738	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	174301	60.538	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	212517m	47.716	ug/l	
77) Bromobenzene	11.24	156	169897	46.109	ug/l	99
78) n-propylbenzene	11.35	91	762581	45.919	ug/l	99
79) 2-Chlorotoluene	11.40	91	454613	46.376	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	565983	46.957	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	85425	45.708	ug/l	97
82) 4-Chlorotoluene	11.49	91	543154	46.921	ug/l	100
83) tert-Butylbenzene	11.76	119	492041	47.369	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	578785	47.497	ug/l	99
85) sec-Butylbenzene	11.93	105	627150	44.717	ug/l	99
86) p-Isopropyltoluene	12.05	119	588785	45.217	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	306664	46.351	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	308426	45.930	ug/l	100
89) n-Butylbenzene	12.37	91	508828	42.774	ug/l	100
90) Hexachloroethane	12.58	117	106282	47.526	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	296992	46.619	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53811	45.843	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	210008	44.526	ug/l	97

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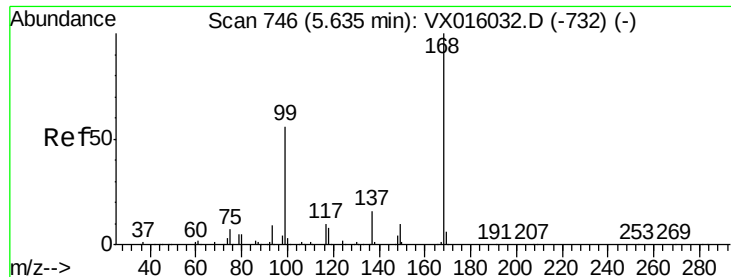
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	75737	37.425	ug/l	98
95) Naphthalene	13.82	128	711684	46.600	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	209064	45.355	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MS

Tot Ion:168 Resp: 236923

Ion Ratio Lower Upper

168 100

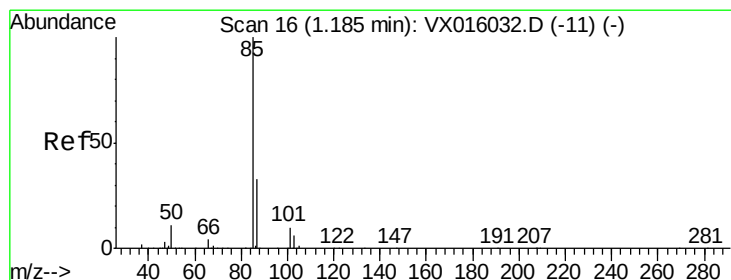
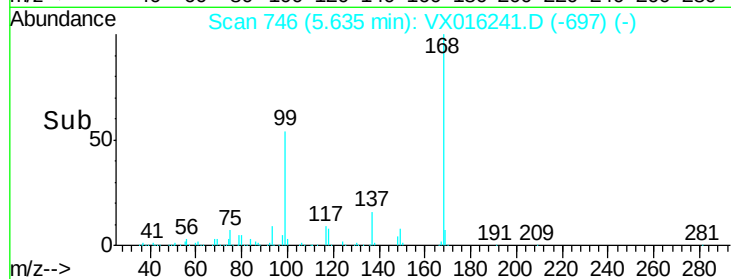
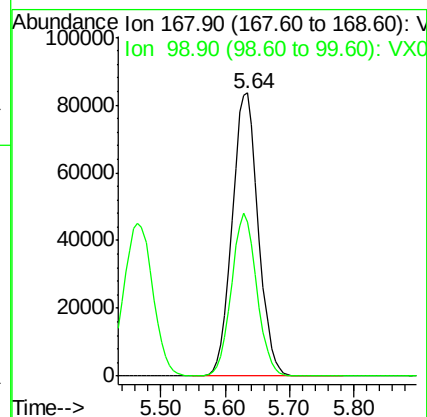
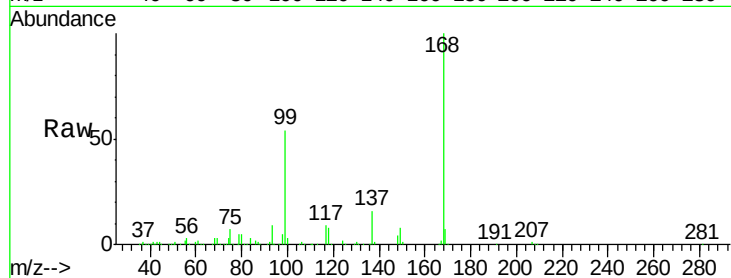
99 54.2 45.0 67.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 50.550 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016241.D

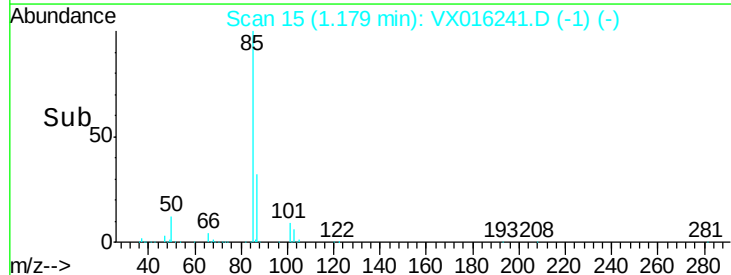
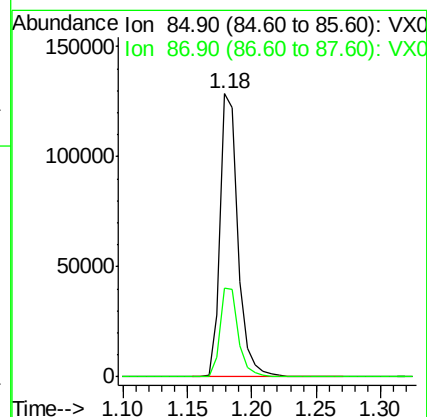
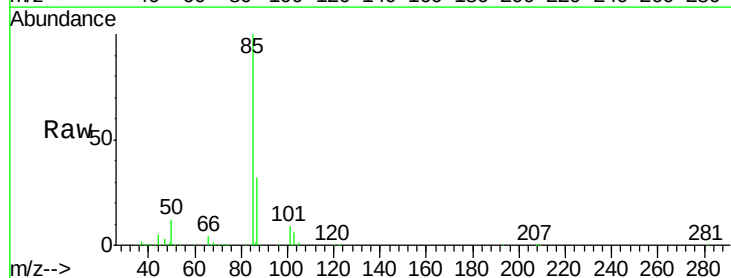
Acq: 14 May 2020 19:02

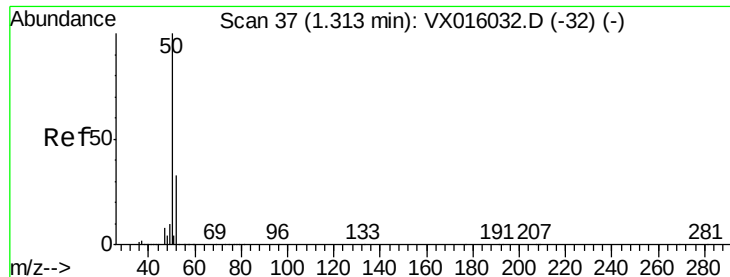
Tgt Ion: 85 Resp: 126768

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.1





#3

Chloromethane

Concen: 47.506 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MS

Tot Ion: 50 Resp: 138353

Ion Ratio Lower Upper

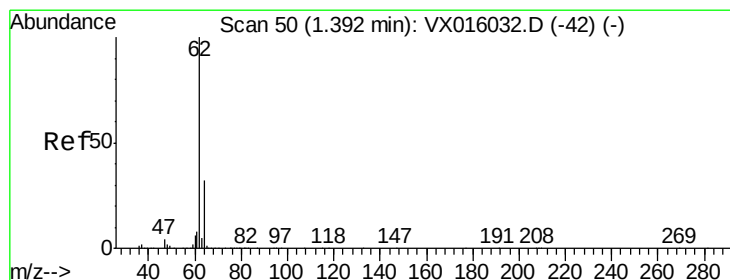
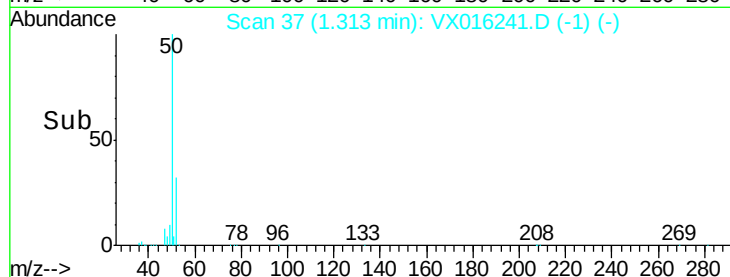
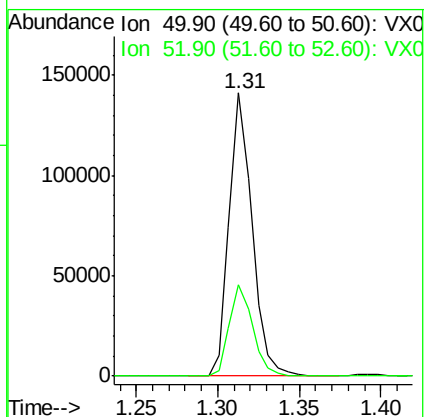
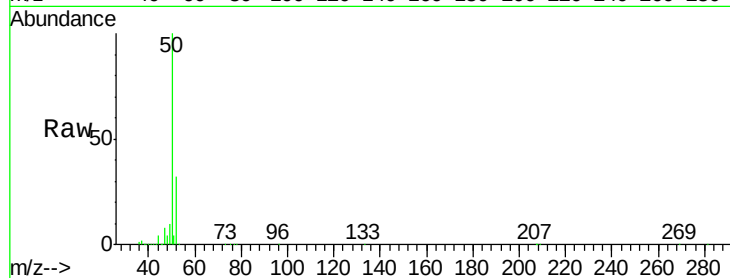
50 100

52 32.3 26.1 39.1

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#4

Vinyl Chloride

Concen: 48.581 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016241.D

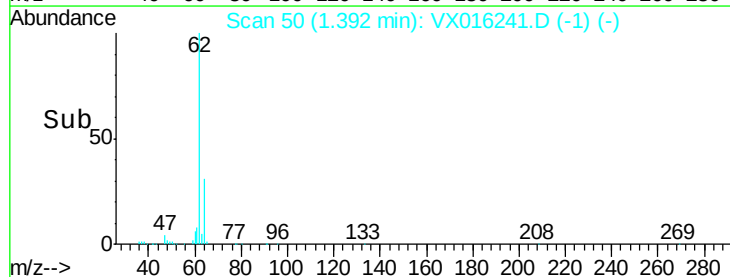
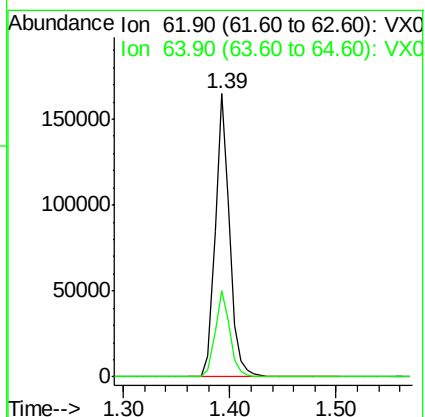
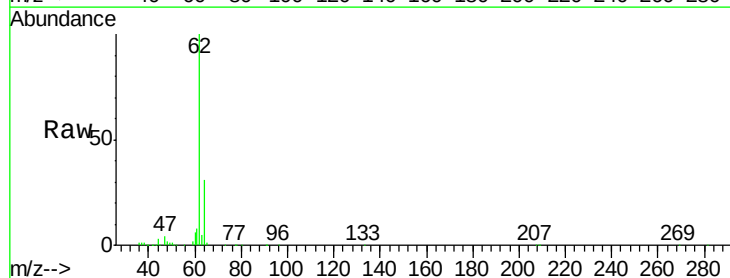
Acq: 14 May 2020 19:02

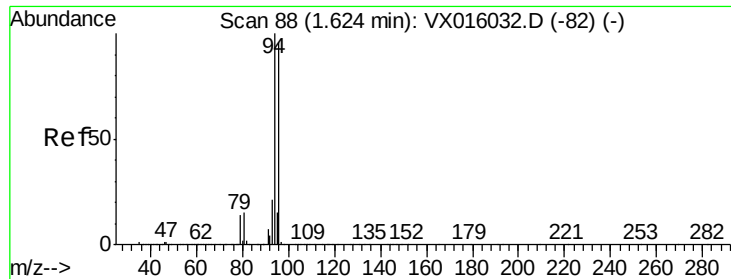
Tgt Ion: 62 Resp: 150950

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5





#5

Bromomethane

Concen: 41.196 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MS

Tot Ion: 94 Resp: 64533

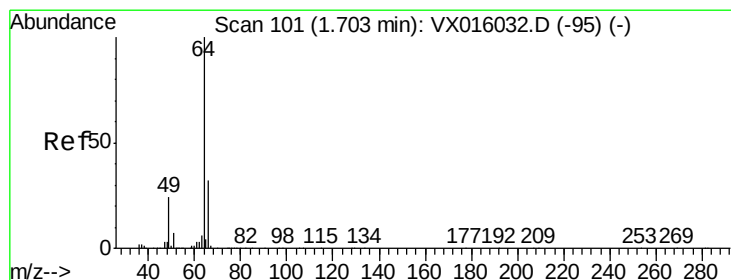
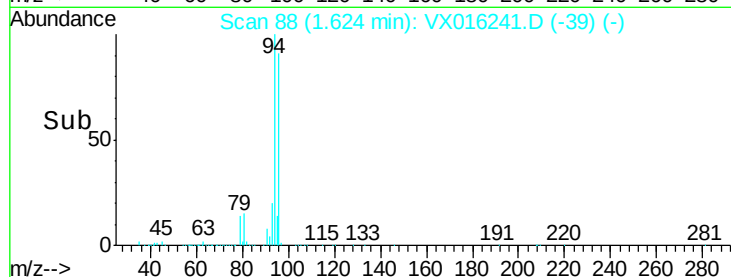
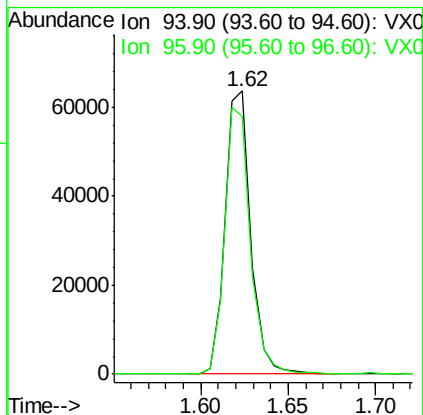
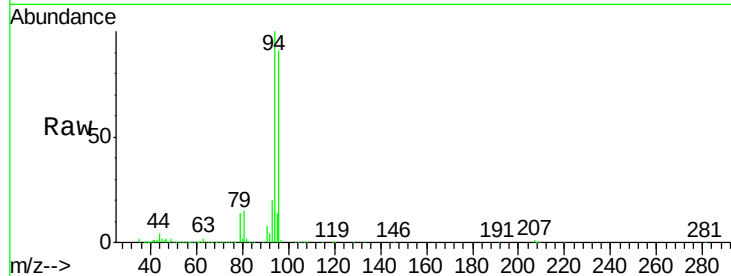
Ion Ratio Lower Upper

94 100

96 91.0 76.9 115.3

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#6

Chloroethane

Concen: 48.261 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016241.D

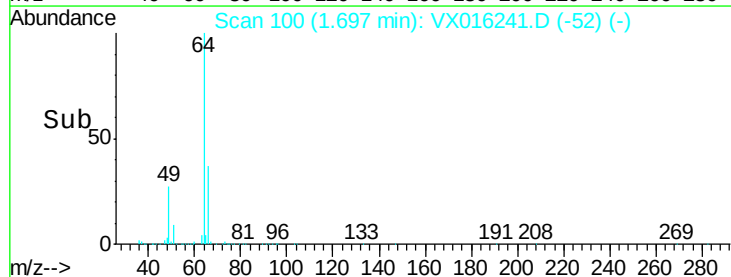
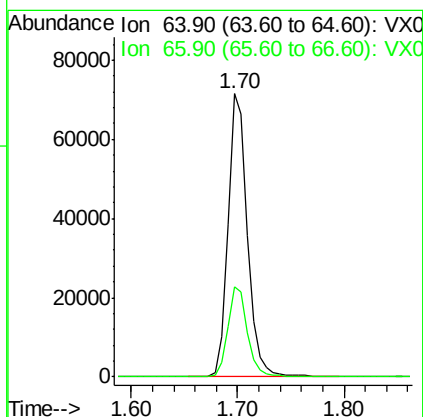
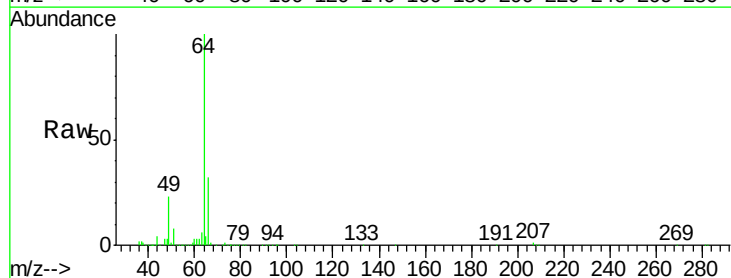
Acq: 14 May 2020 19:02

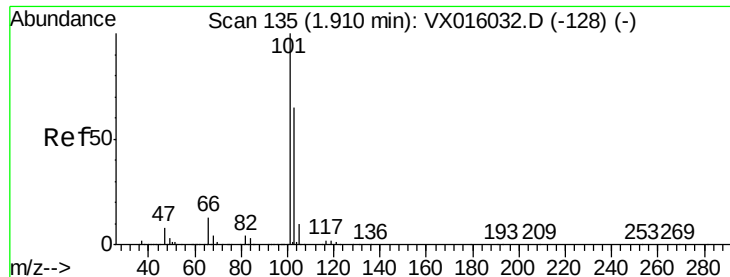
Tgt Ion: 64 Resp: 91240

Ion Ratio Lower Upper

64 100

66 31.6 25.2 37.8





#7

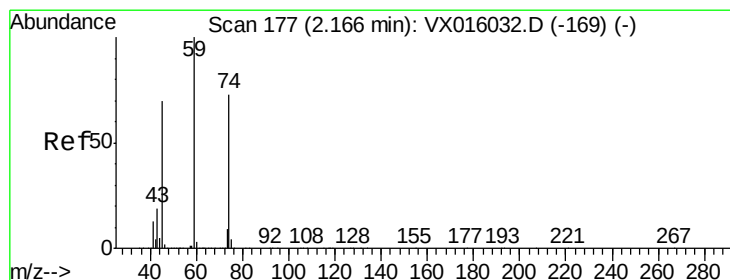
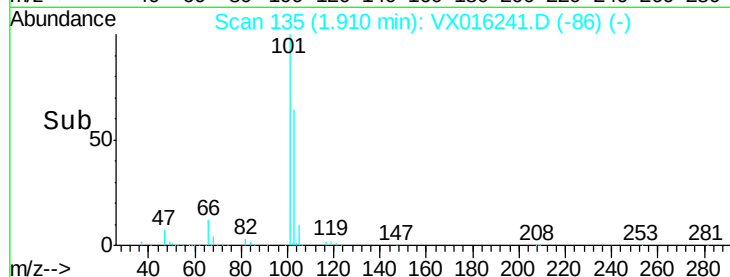
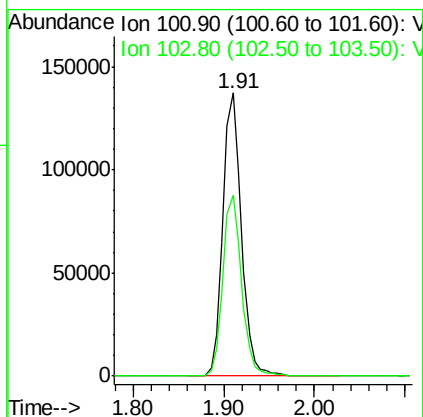
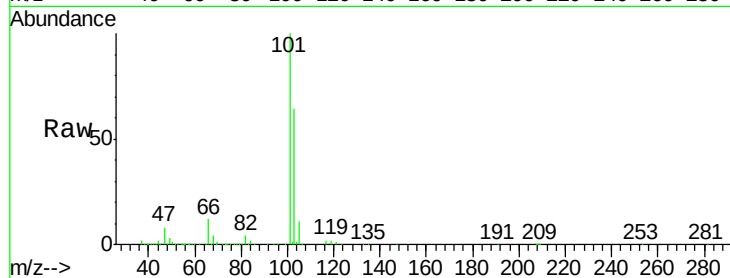
Trichlorofluoromethane
Concen: 48.060 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016241.D
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SS052MW098-200513MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.8	77.6

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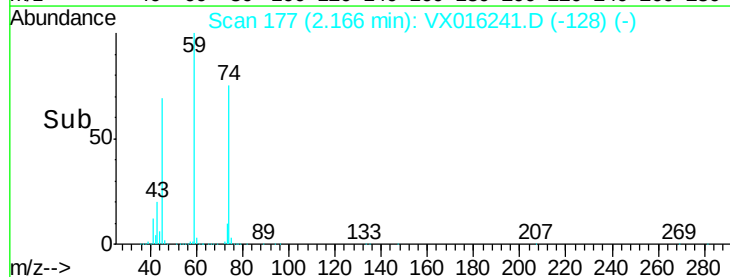
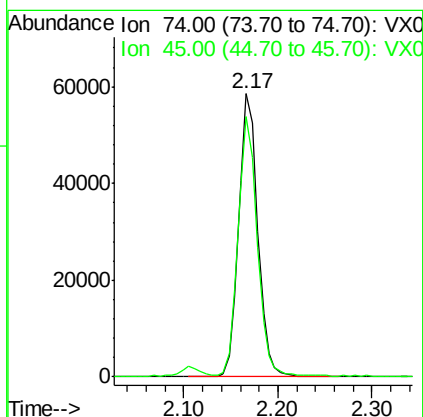
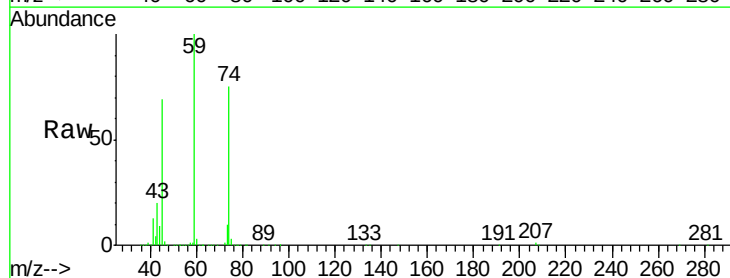
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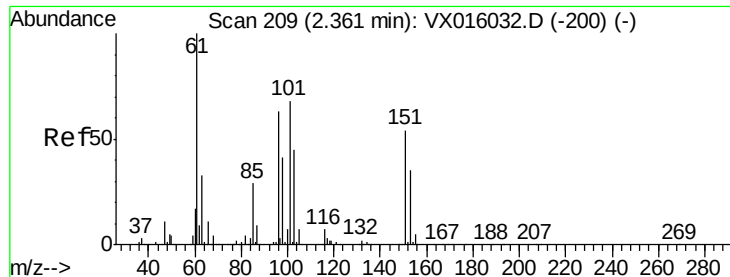


#8

Diethyl Ether
Concen: 48.103 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.6	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.432 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

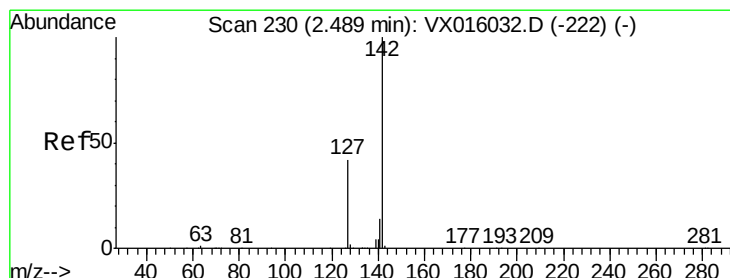
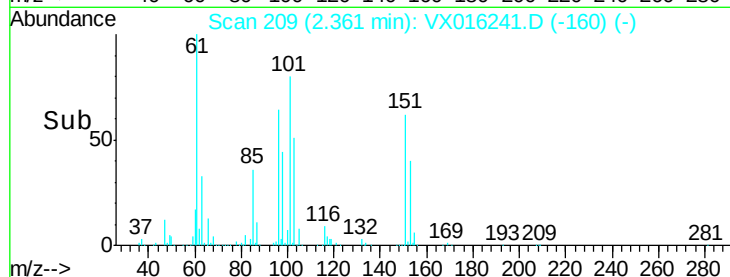
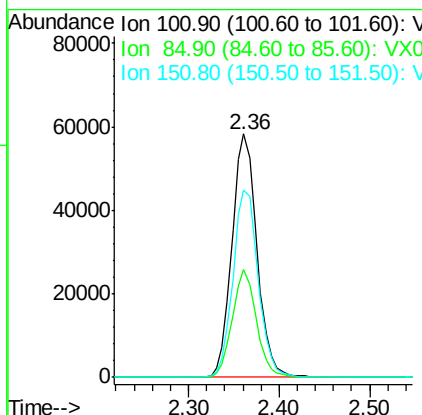
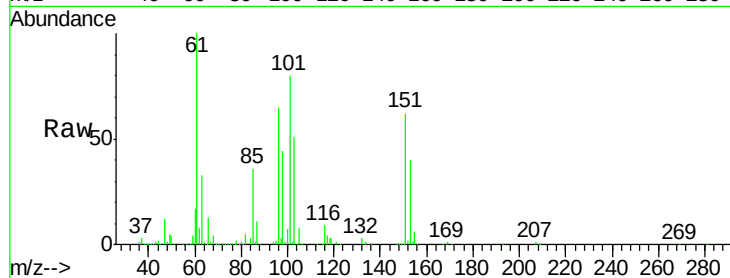
ClientSampleId :

SS052MW098-200513MS

Tot Ion:	101	Resp:	111631
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.2	51.4
151	77.9	62.1	93.1

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#10

Methyl Iodide

Concen: 33.022 ug/l

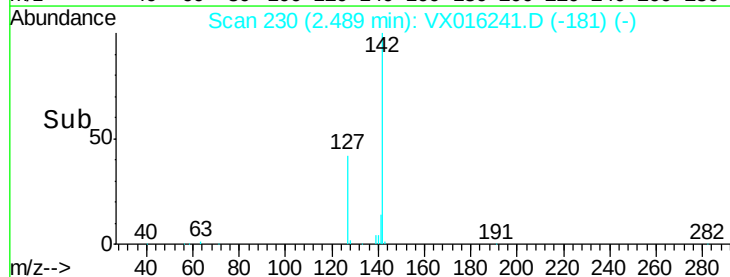
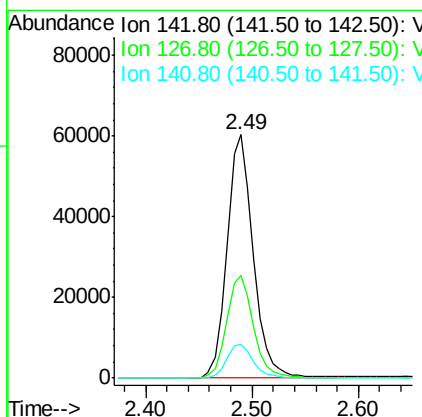
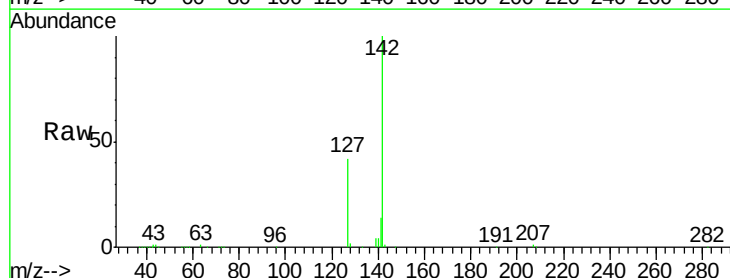
RT: 2.49 min Scan# 230

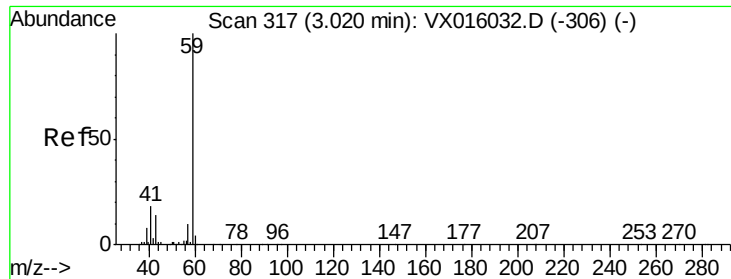
Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Tgt Ion:	142	Resp:	104390
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.6	52.0
141	14.1	11.3	16.9





#11

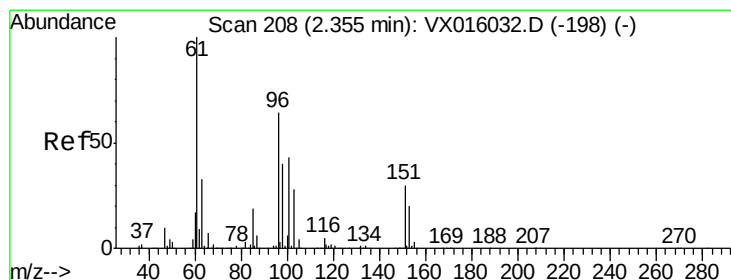
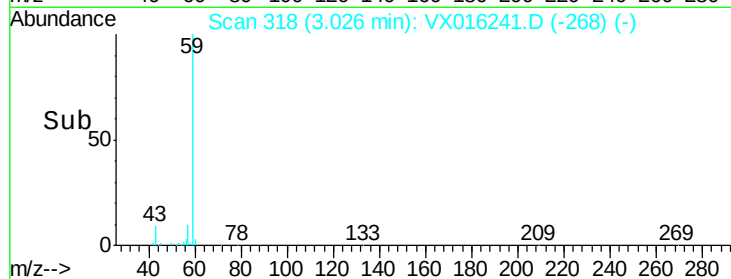
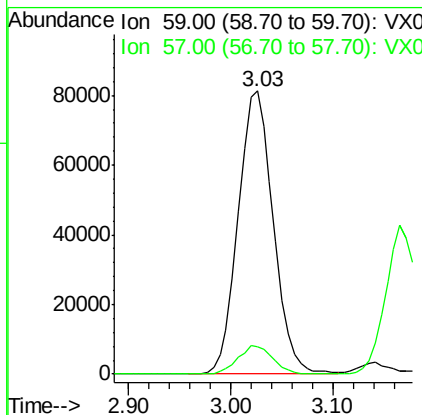
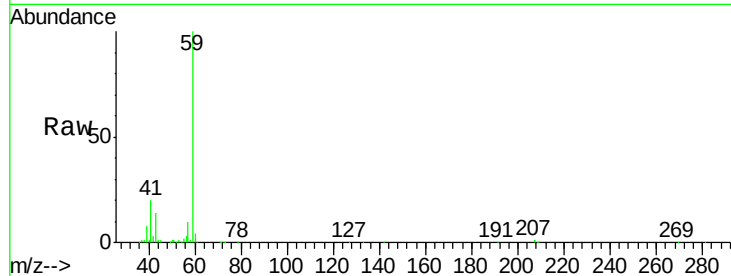
Tert butyl alcohol
Concen: 246.306 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

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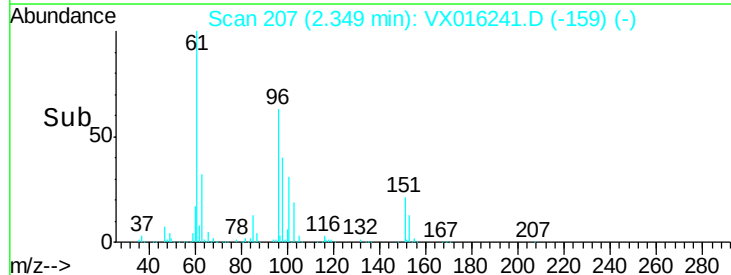
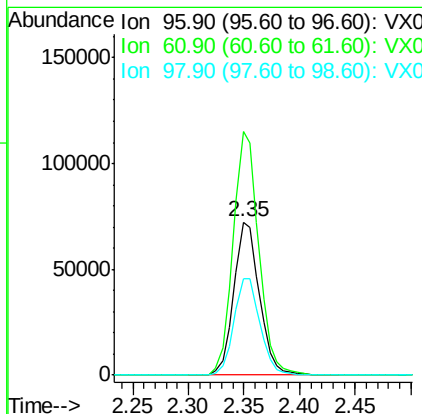
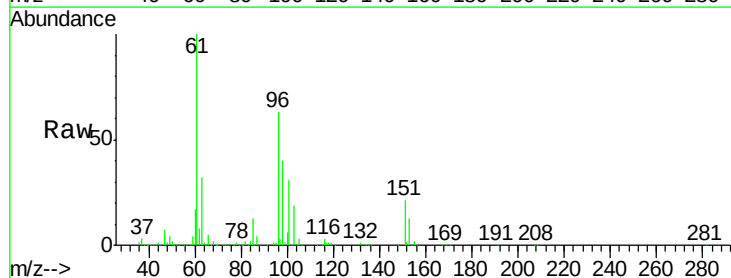
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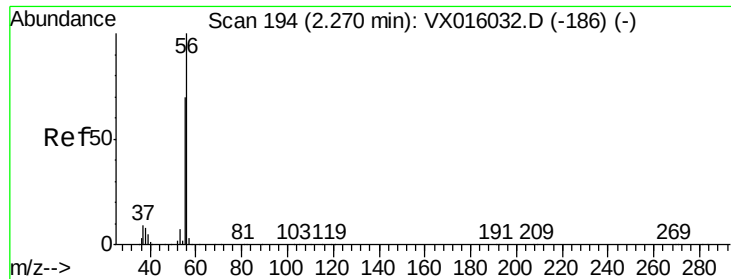


#12

1,1-Dichloroethene
Concen: 46.680 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.5	124.8	187.2
98	63.0	49.7	74.5





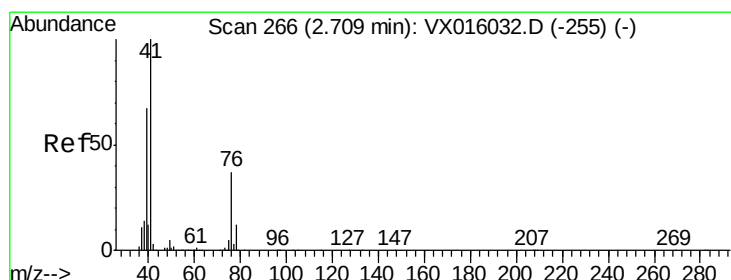
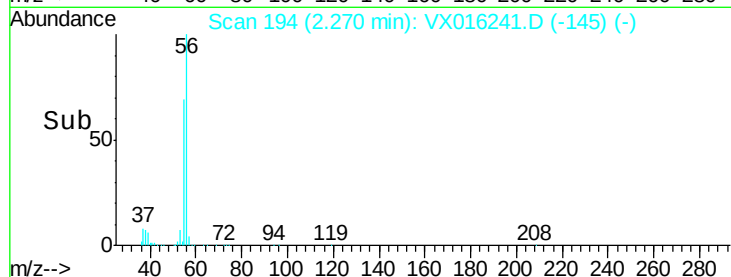
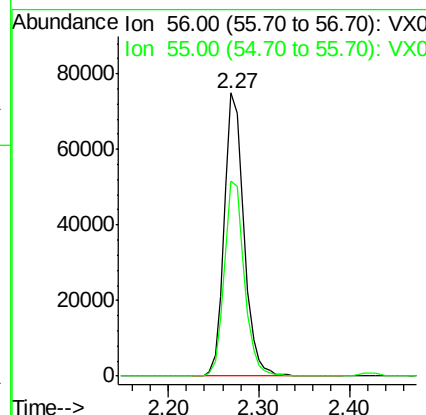
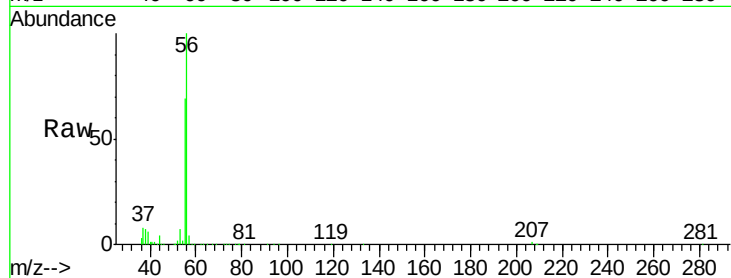
#13
Acrolein
Concen: 231.571 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.2	56.5	84.7

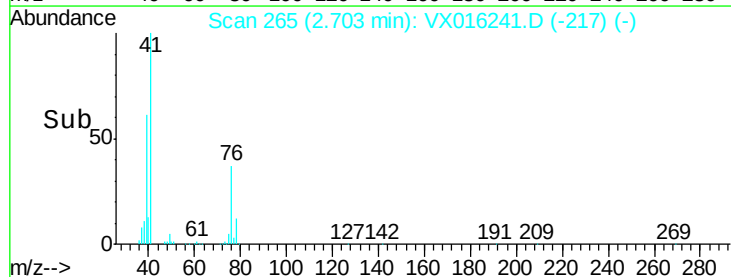
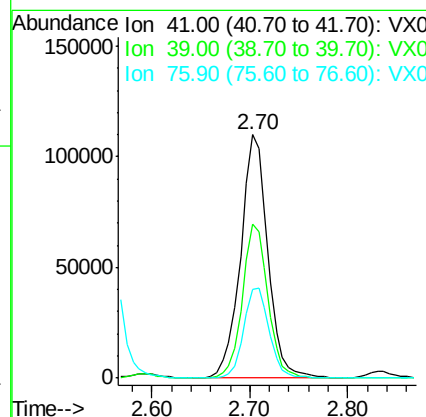
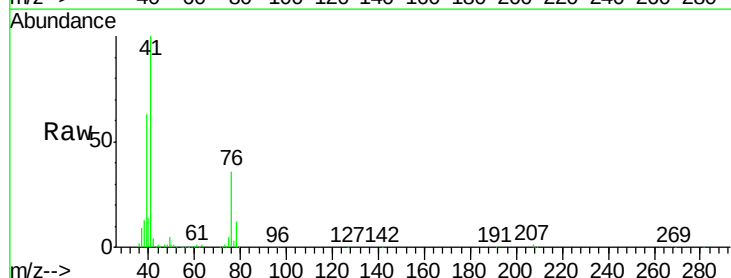
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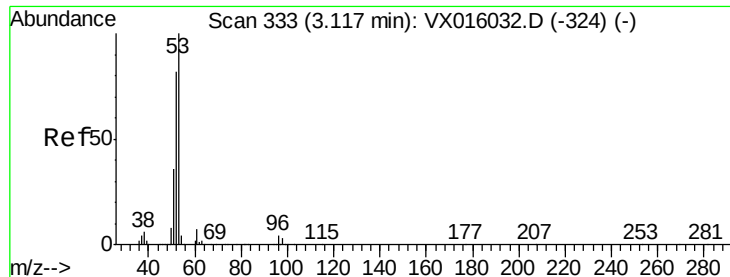
MMDadoda
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#14
Allyl chloride
Concen: 47.026 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.3	50.5	75.7
76	34.7	26.6	40.0





#15

Acrylonitrile

Concen: 254.763 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

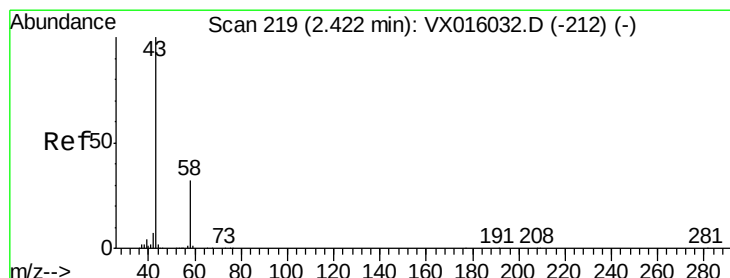
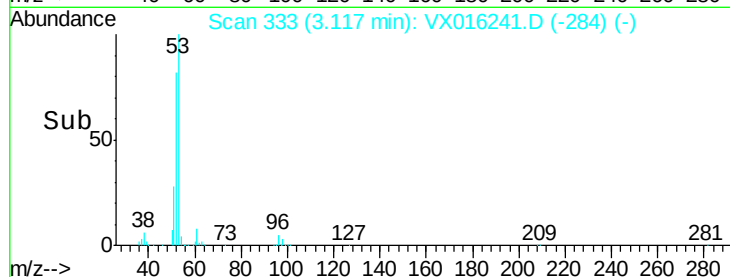
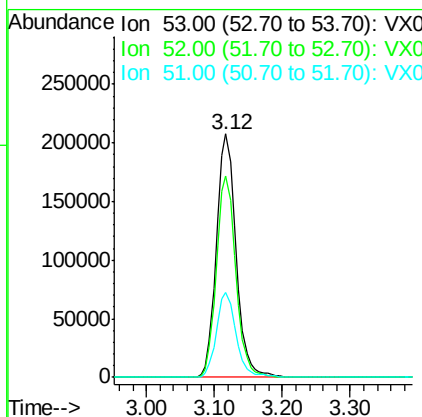
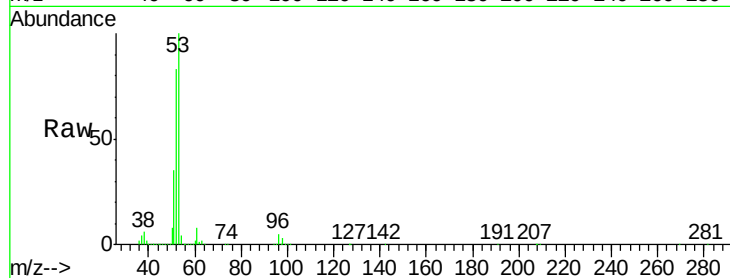
ClientSampleId :

SS052MW098-200513MS

Tot Ion:	53	Resp:	416662
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.1	99.1
51	35.2	28.8	43.2

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#16

Acetone

Concen: 237.168 ug/l

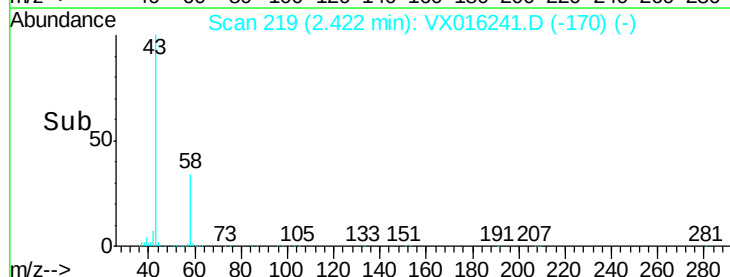
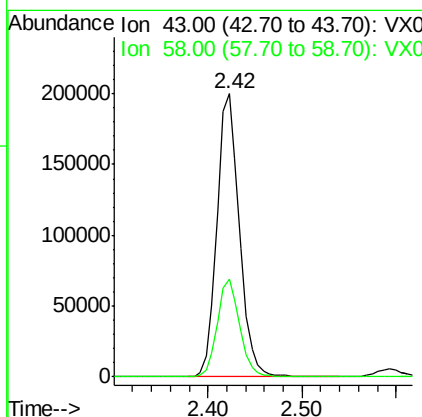
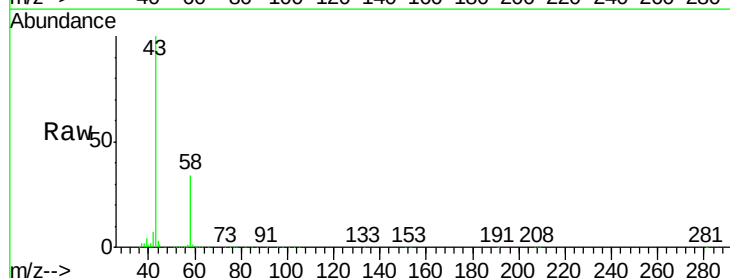
RT: 2.42 min Scan# 219

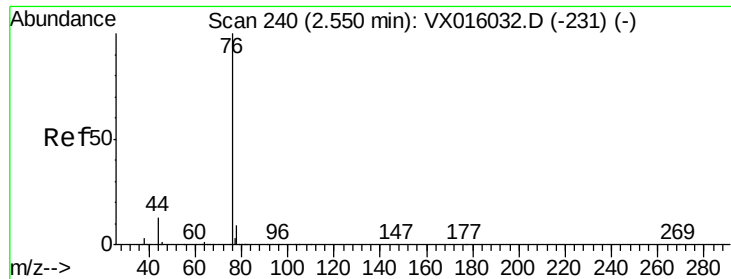
Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Tgt Ion:	43	Resp:	329918
Ion	Ratio	Lower	Upper
43	100		
58	34.4	25.4	38.0





#17

Carbon Disulfide

Concen: 45.256 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MS

Tot Ion: 76 Resp: 334859

Ion Ratio Lower Upper

76 100

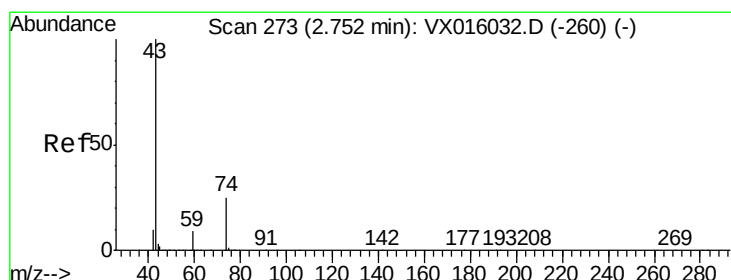
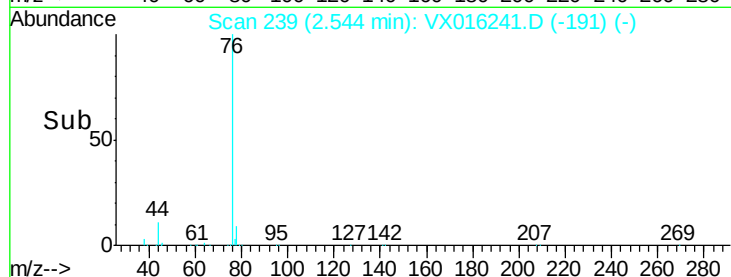
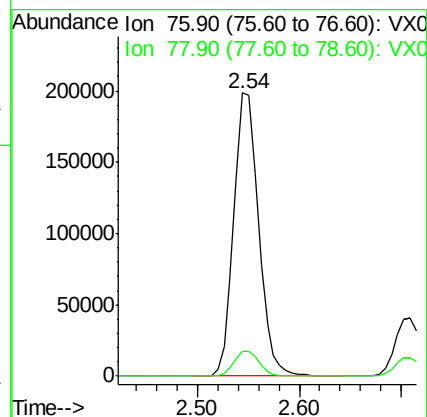
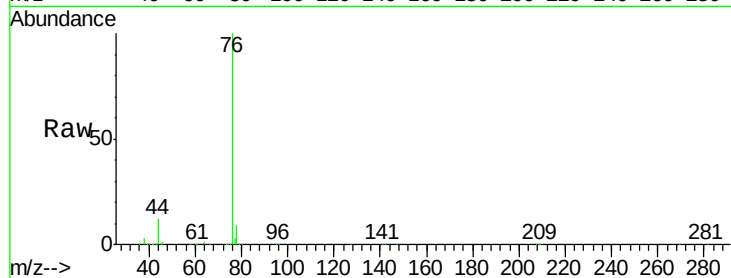
78 8.9 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 50.004 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016241.D

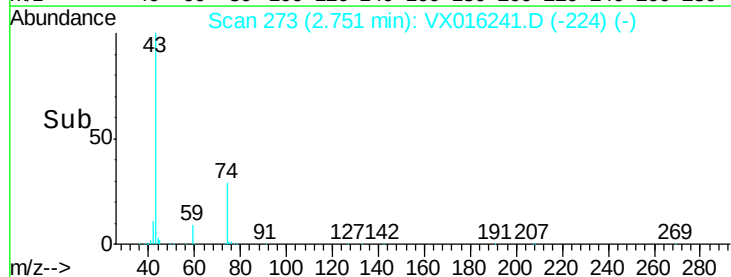
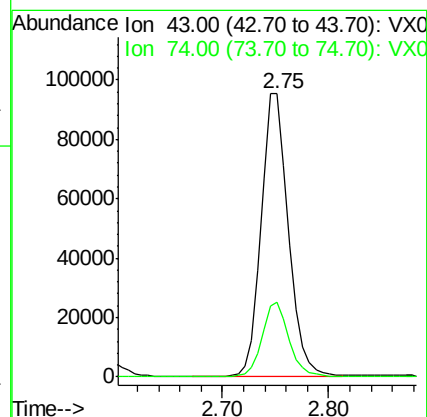
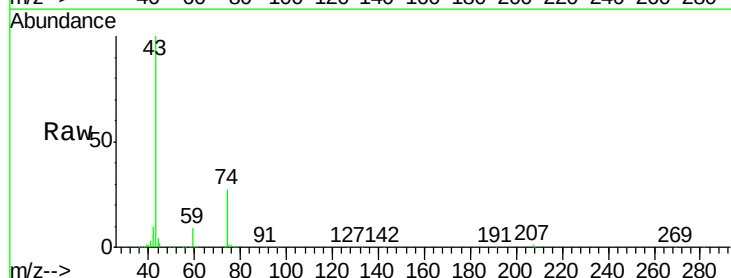
Acq: 14 May 2020 19:02

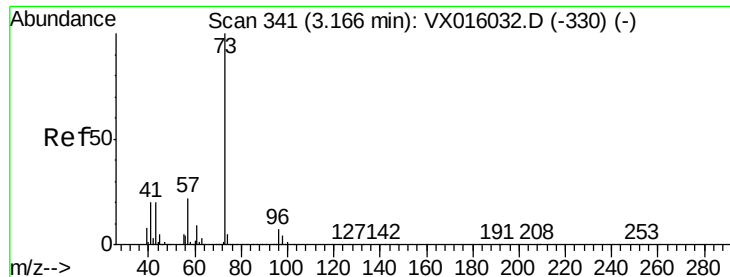
Tgt Ion: 43 Resp: 171028

Ion Ratio Lower Upper

43 100

74 26.3 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 51.670 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Tot Ion: 73 Resp: 438686

Ion Ratio Lower Upper

73 100

57 22.7 17.8 26.6

Instrument :

MSVOA_X

ClientSampleId :

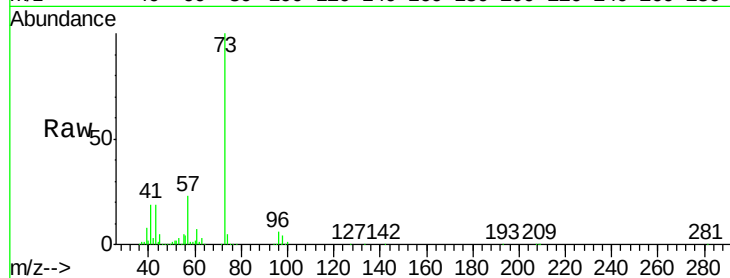
SS052MW098-200513MS

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Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.17

200000

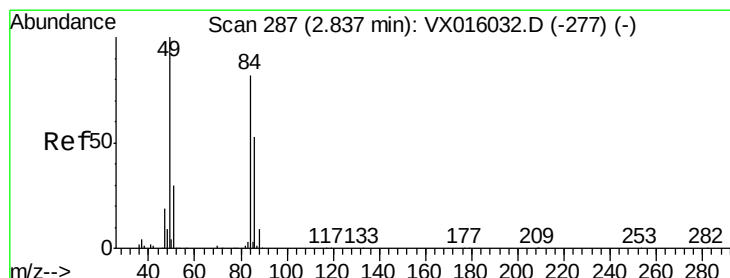
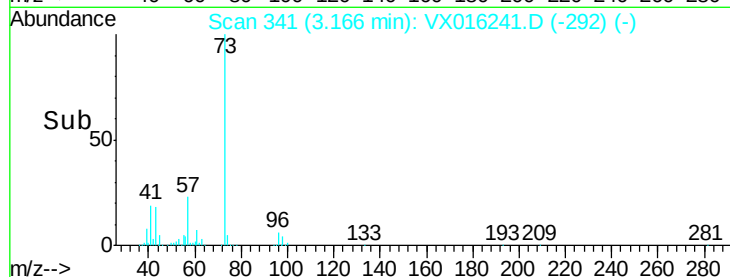
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 48.141 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Tgt Ion: 84 Resp: 138052

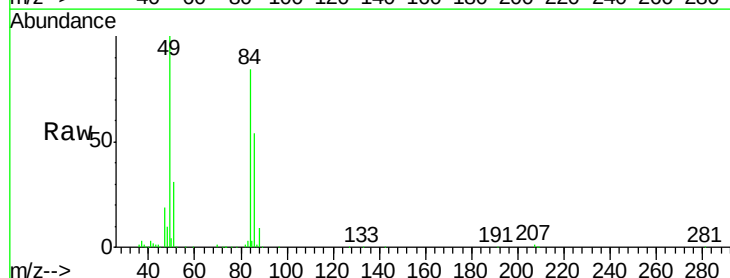
Ion Ratio Lower Upper

84 100

49 119.1 97.3 145.9

51 36.5 29.3 43.9

86 64.2 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

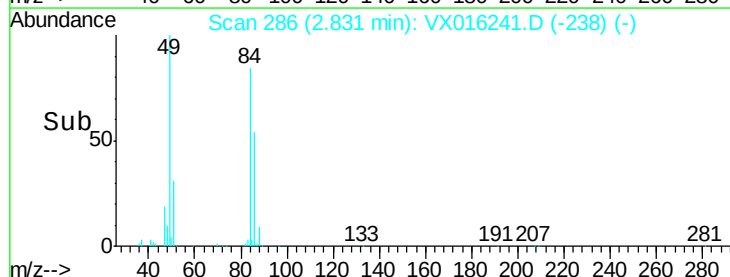
2.83

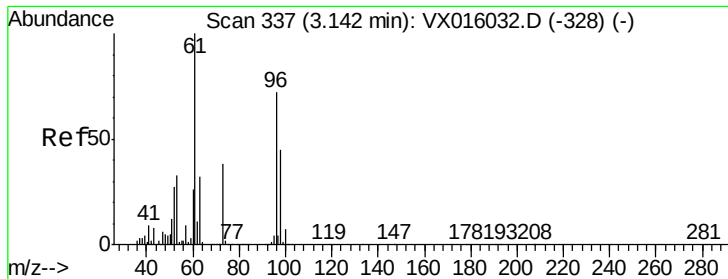
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 47.946 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

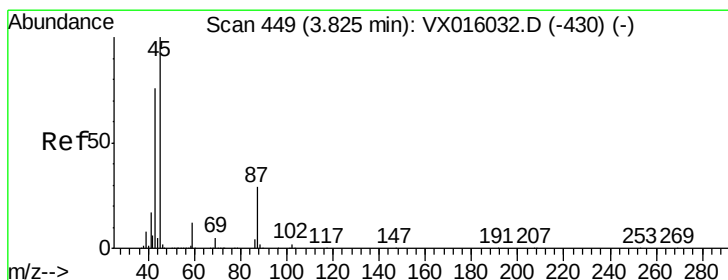
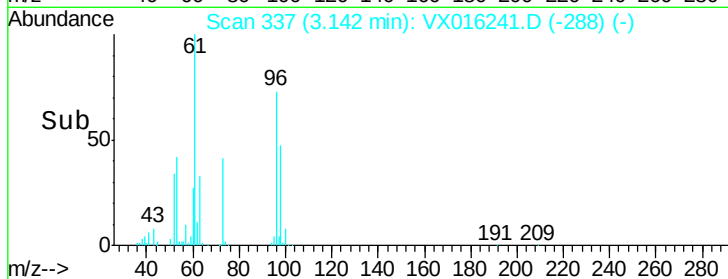
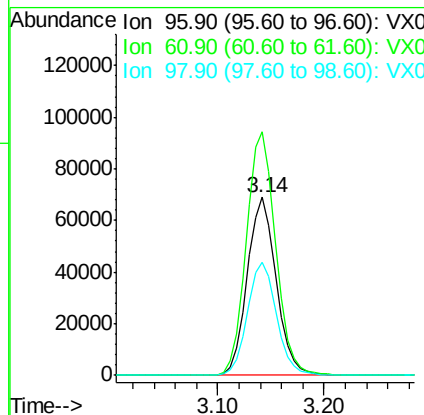
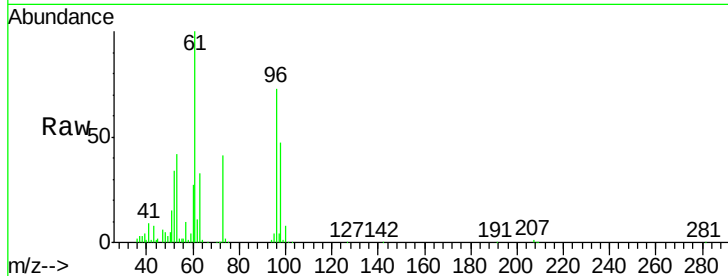
ClientSampleId :

SS052MW098-200513MS

Tot Ion:	96	Resp:	131588
Ion	Ratio	Lower	Upper
96	100		
61	136.9	111.2	166.8
98	63.9	50.2	75.4

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#22

Diisopropyl ether

Concen: 50.316 ug/l

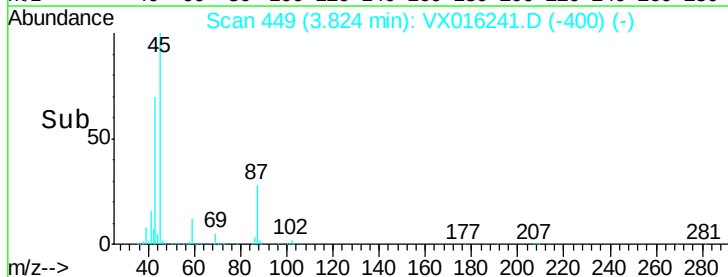
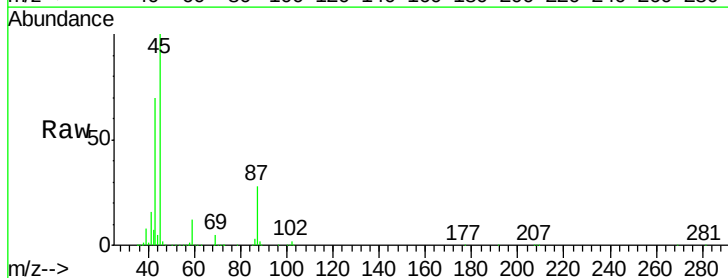
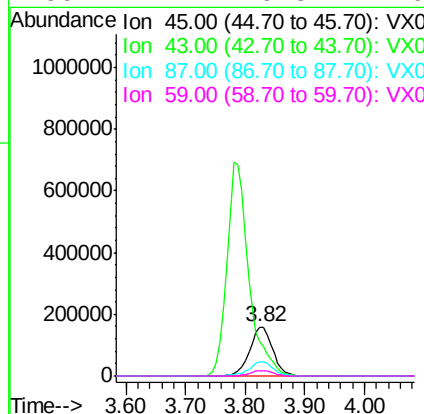
RT: 3.82 min Scan# 449

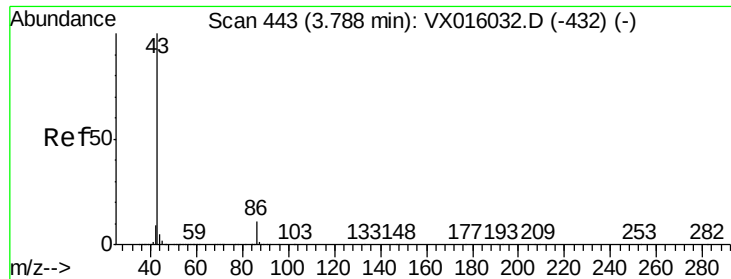
Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Tgt Ion:	45	Resp:	428650
Ion	Ratio	Lower	Upper
45	100		
43	70.2	61.1	91.7
87	27.8	23.0	34.6
59	11.7	9.8	14.6





#23

Vinyl Acetate

Concen: 236.625 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MS

Tot Ion: 43 Resp: 1773521

Ion Ratio Lower Upper

43 100

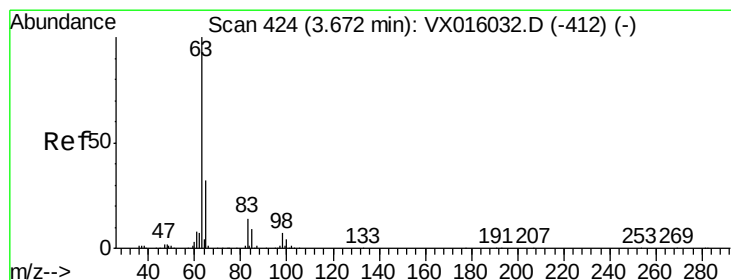
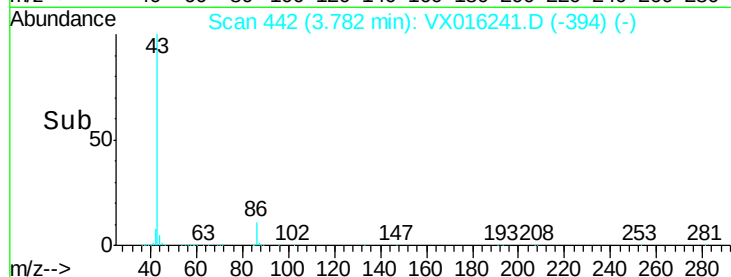
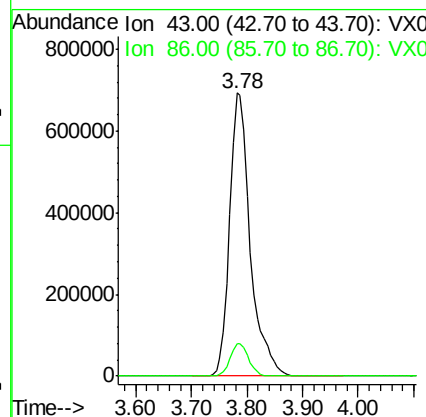
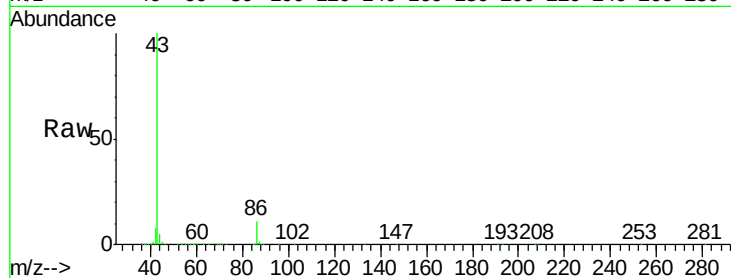
86 11.3 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 51.232 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

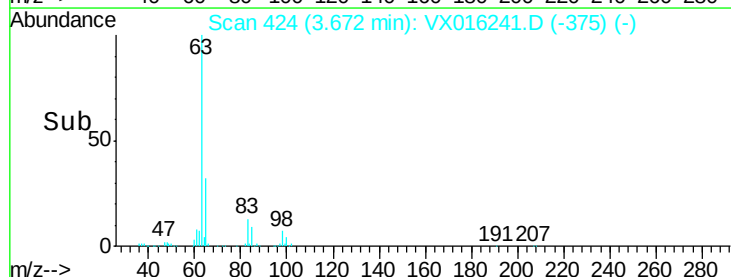
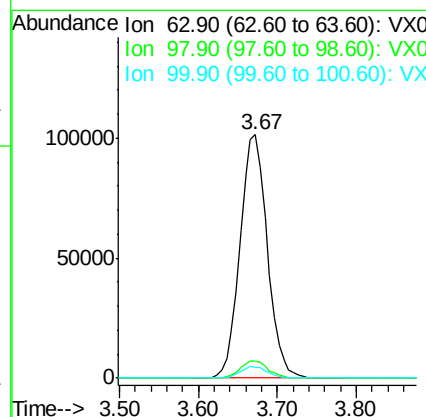
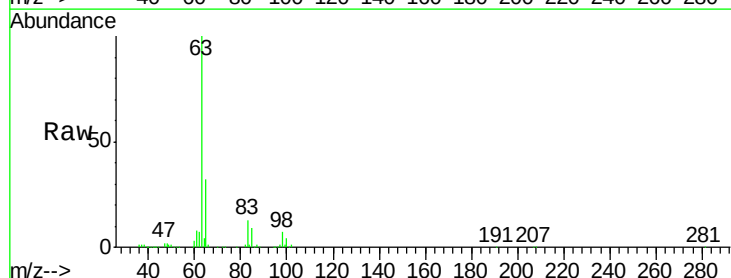
Tgt Ion: 63 Resp: 244153

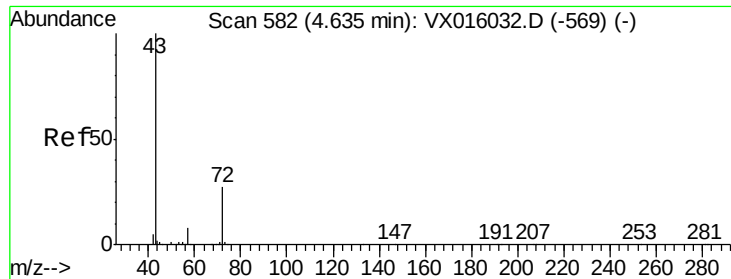
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.5 2.1 6.5





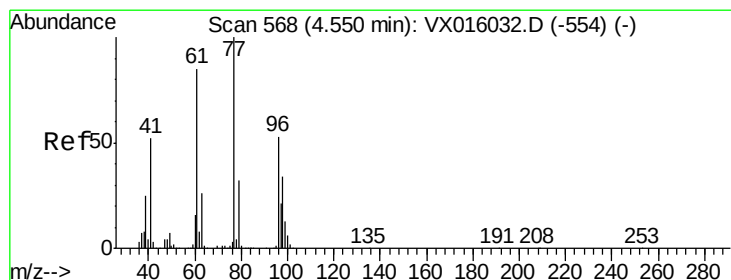
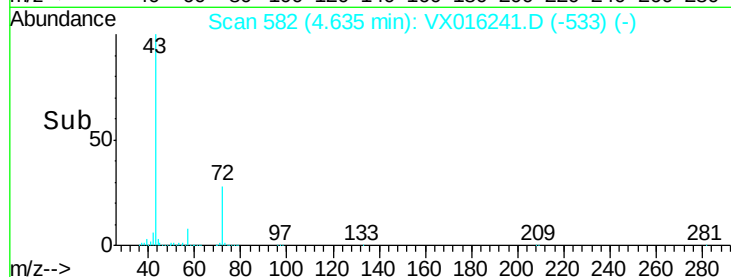
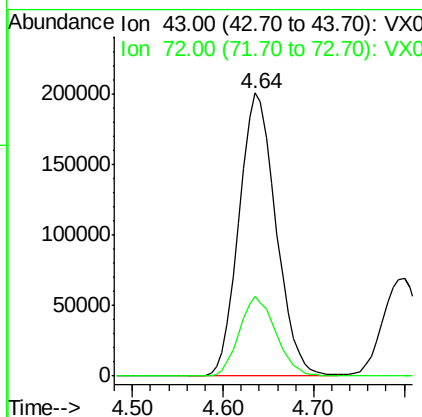
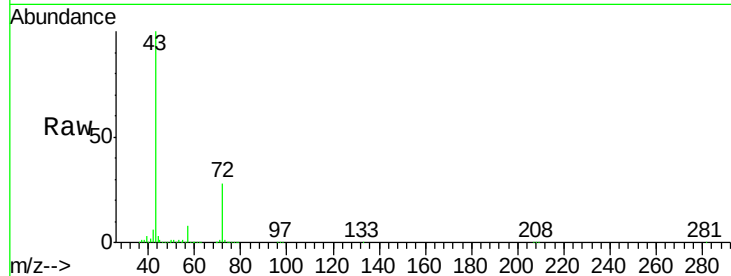
#25
2-Butanone
Concen: 253.102 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MS

Tot Ion: 43 Resp: 567349
Ion Ratio Lower Upper
43 100
72 28.0 21.8 32.8

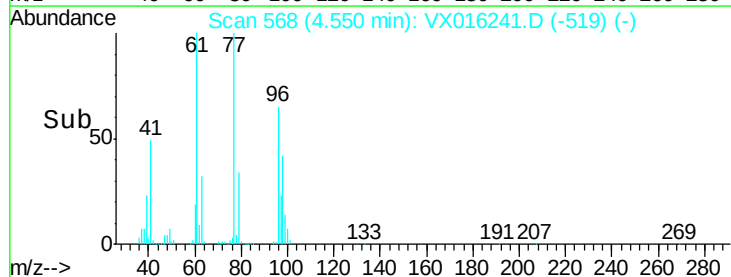
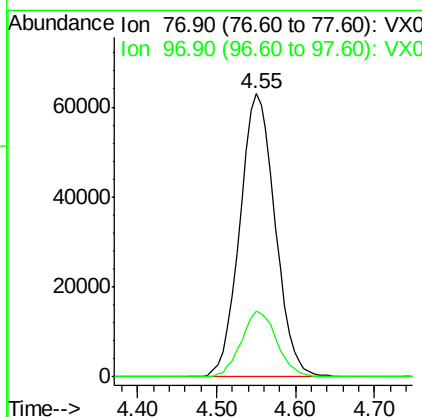
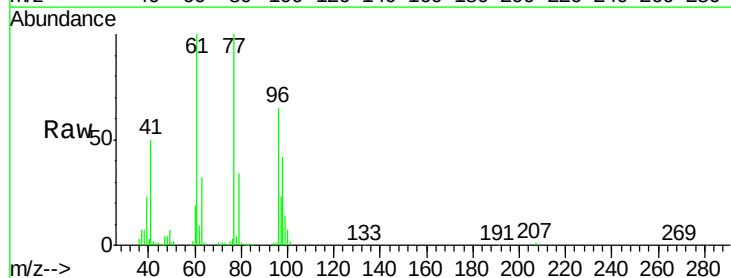
Manual Integrations
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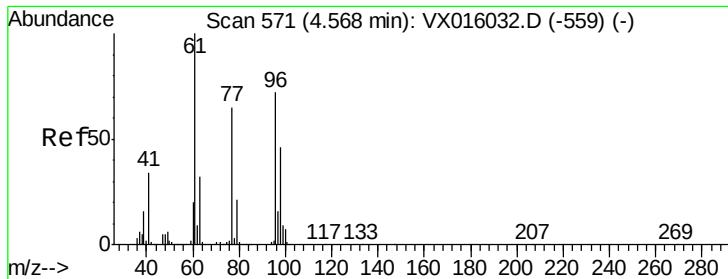
MMDadoda
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#26
2,2-Dichloropropane
Concen: 44.936 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Tgt Ion: 77 Resp: 195570
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6





#27

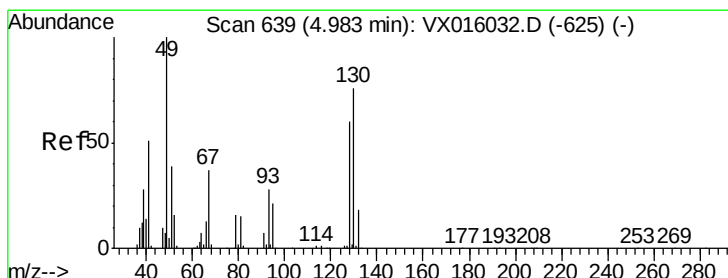
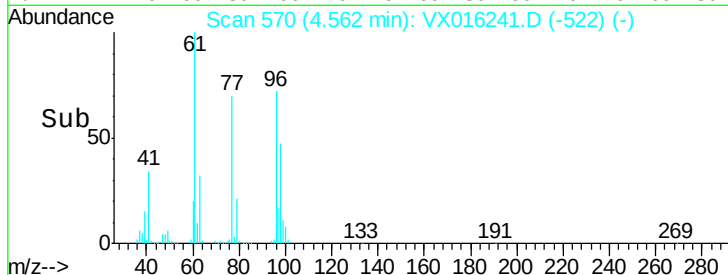
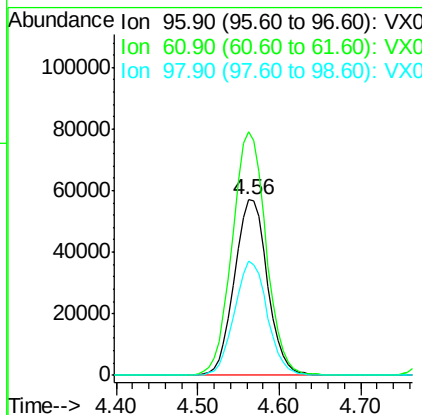
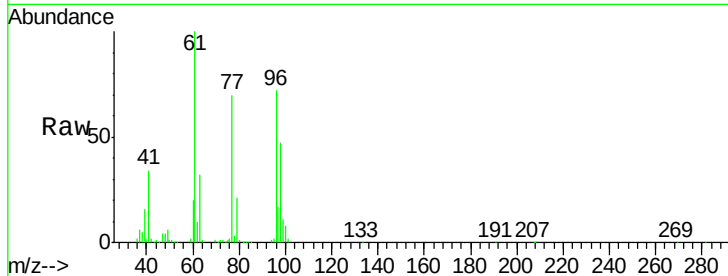
cis-1,2-Dichloroethene
Concen: 53.556 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	160690		
61	141.4	0.0	296.2	
98	64.6	0.0	129.4	

Manual Integrations
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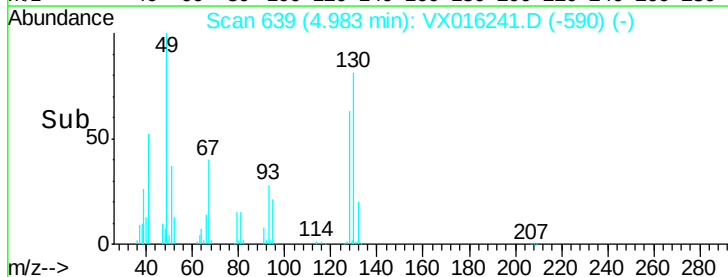
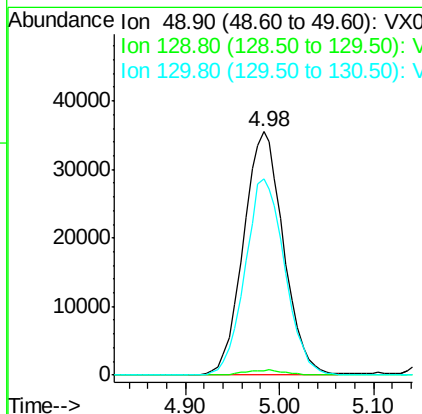
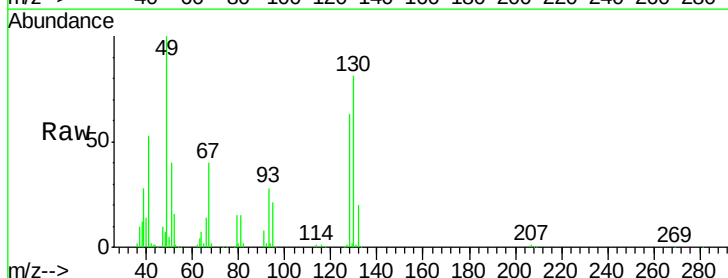
MMDadoda
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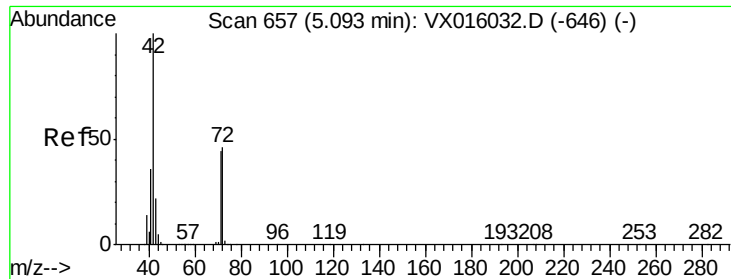


#28

Bromochloromethane
Concen: 48.610 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	105633		
129	2.1	0.0	4.0	
130	80.3	62.4	93.6	





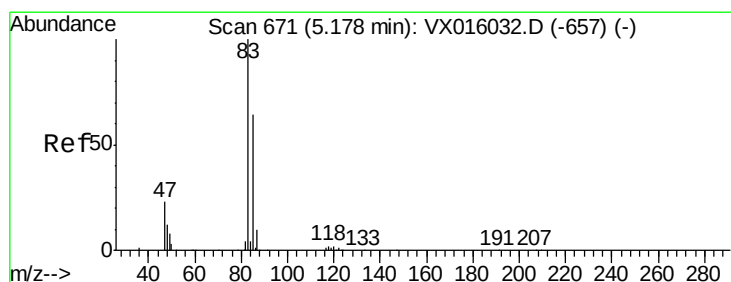
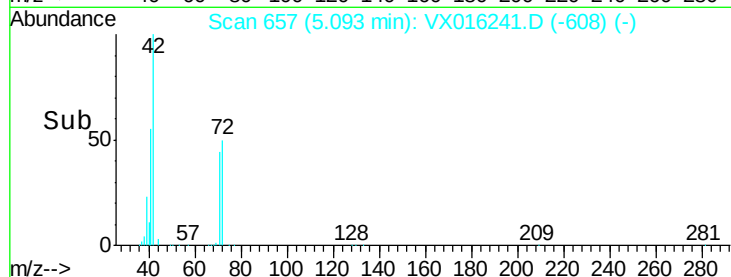
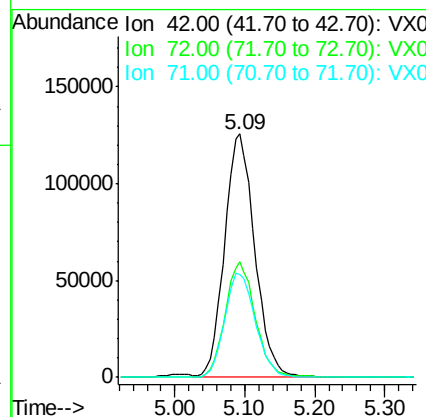
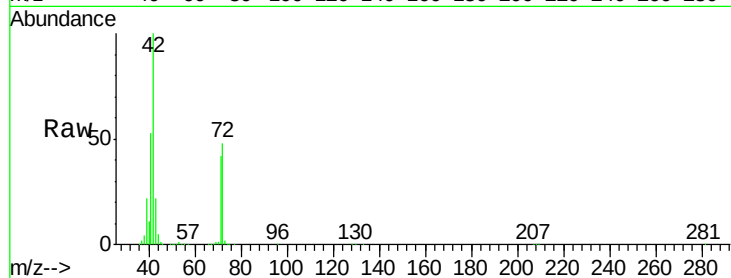
#29
Tetrahydrofuran
Concen: 252.366 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.8	37.1	55.7
71	43.8	34.5	51.7

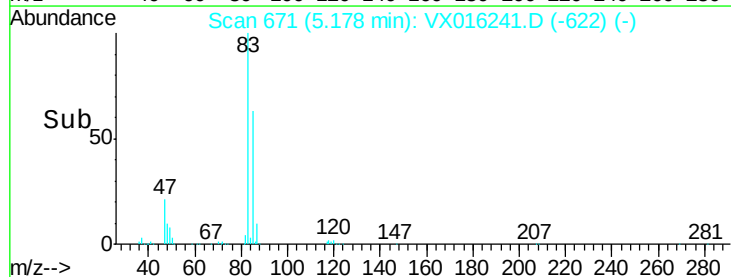
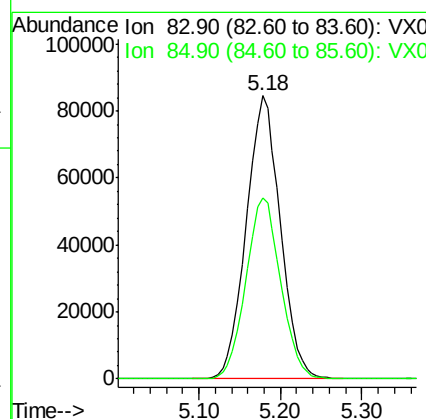
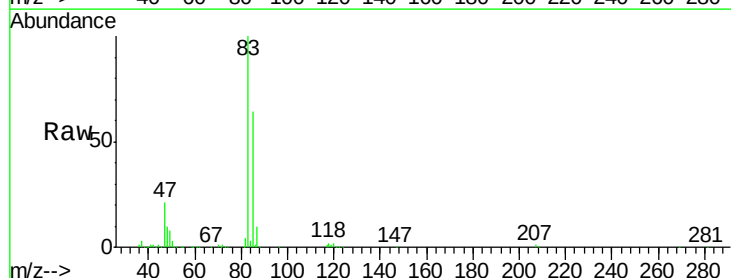
Manual Integrations
APPROVED

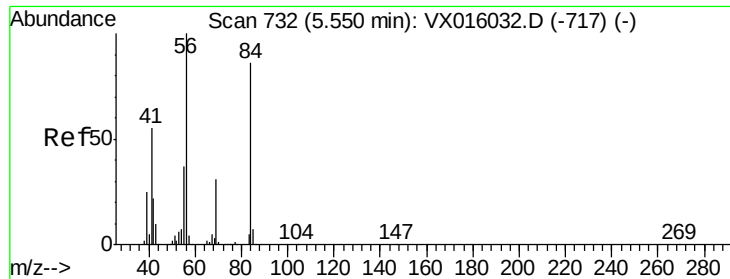
MMDadoda
5/15/2020 12:29:07 PM



#30
Chloroform
Concen: 51.819 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.6	77.4





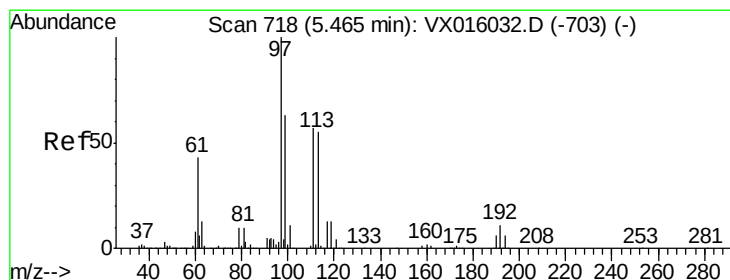
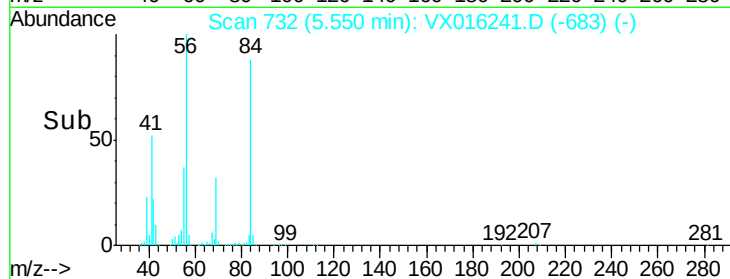
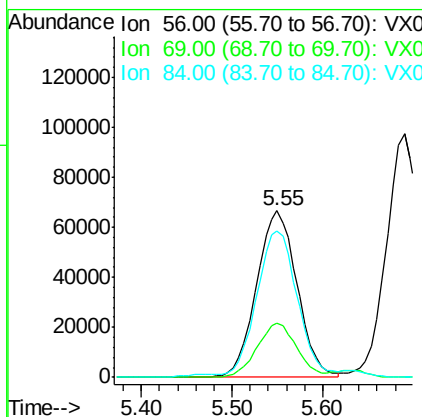
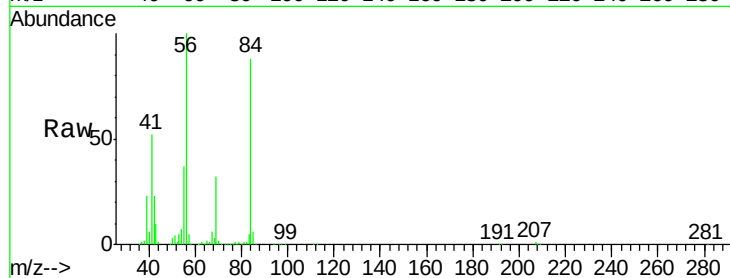
#31
Cyclohexane
Concen: 47.598 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MS

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	32.4	25.0	37.6	
84	86.8	69.0	103.6	

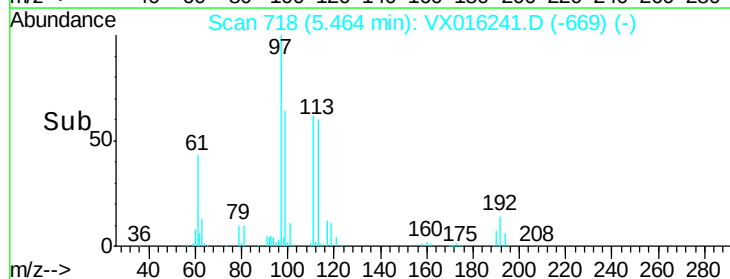
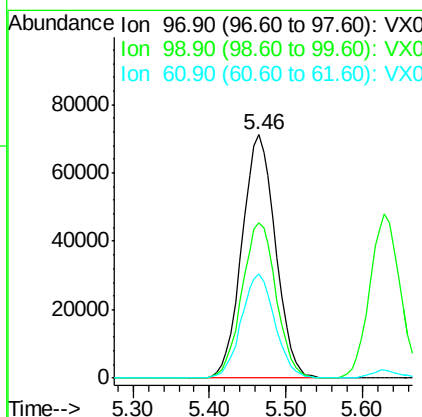
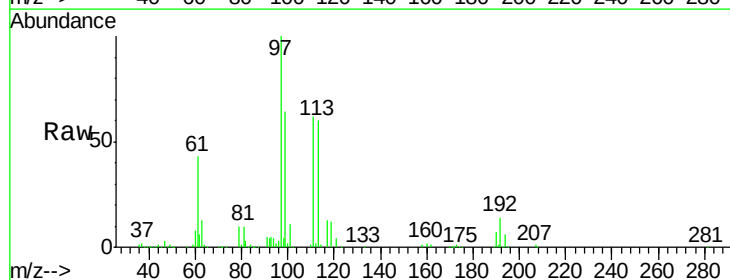
Manual Integrations
APPROVED

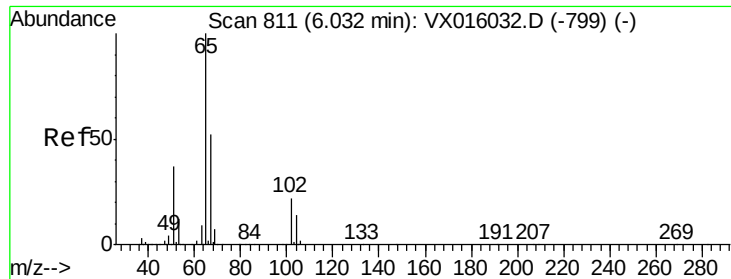
MMDadoda
5/15/2020 12:29:07 PM



#32
1,1,1-Trichloroethane
Concen: 50.312 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.1	51.0	76.4	
61	42.8	34.5	51.7	





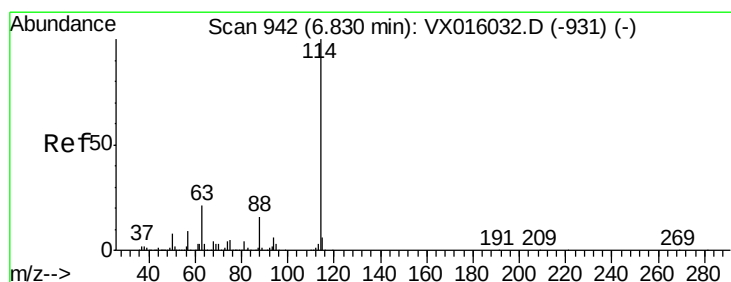
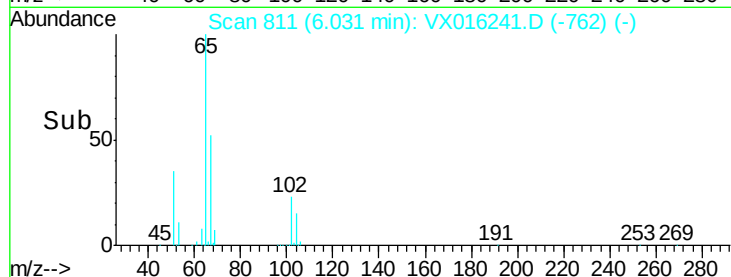
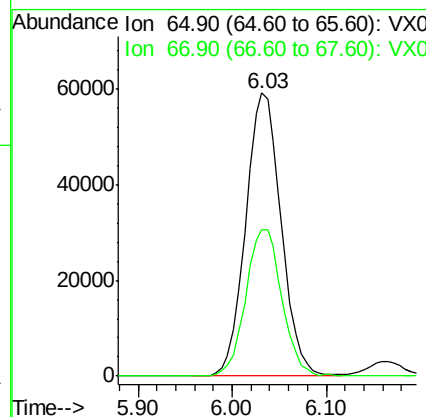
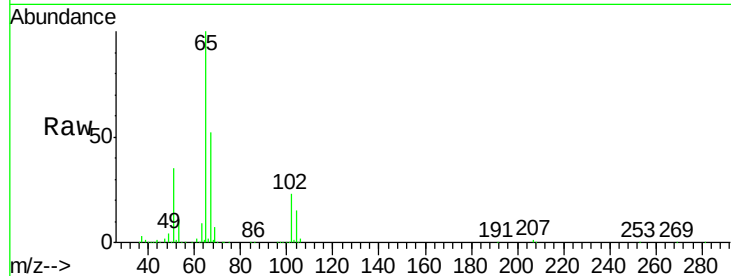
#33
 1,2-Dichloroethane-d4
 Concen: 50.024 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.7	0.0	104.8	

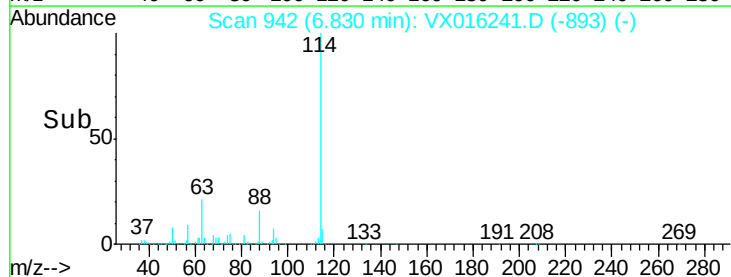
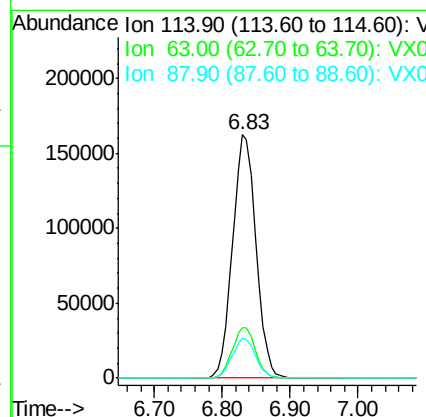
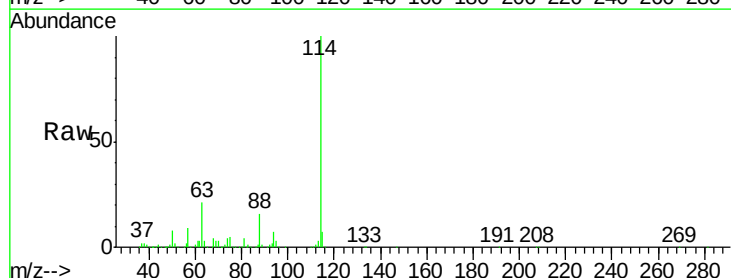
Manual Integrations
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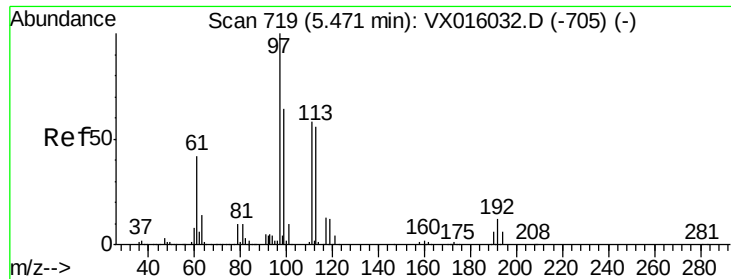
MMDadoda
 5/15/2020 12:29:07 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.7	0.0	42.8	
88	16.5	0.0	31.4	





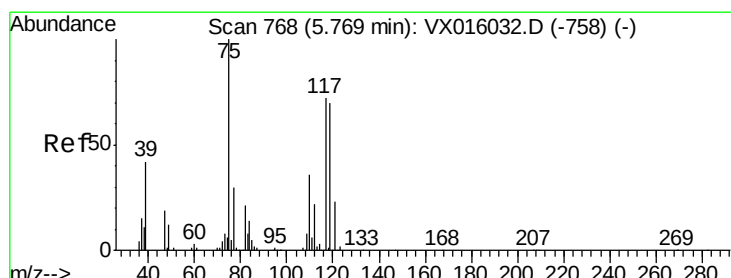
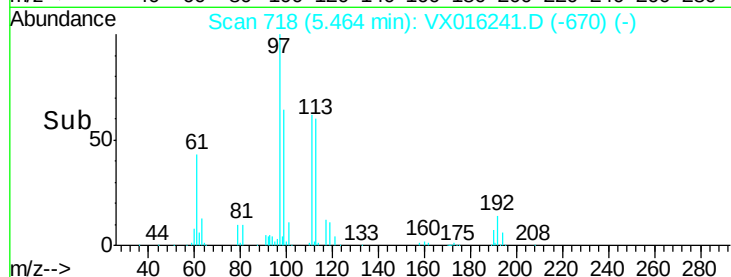
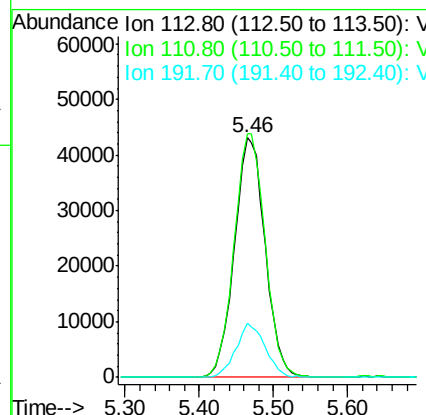
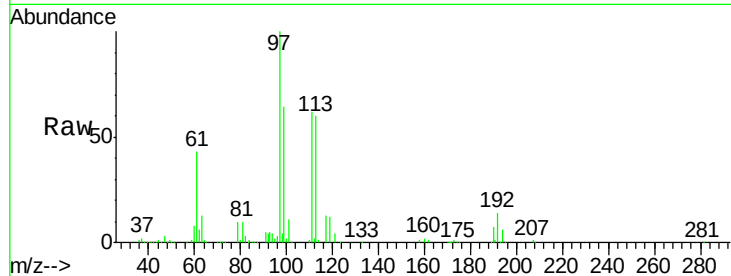
#35
 Dibromofluoromethane
 Concen: 50.680 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.6	122.4
192	21.6	17.0	25.4

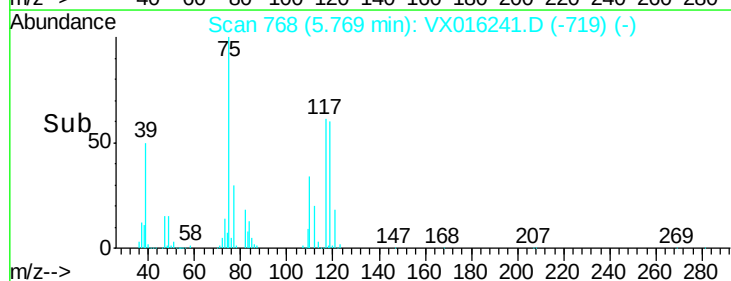
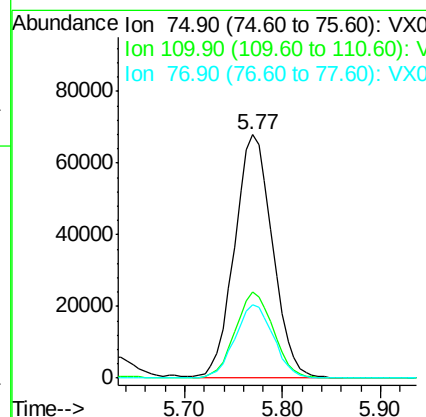
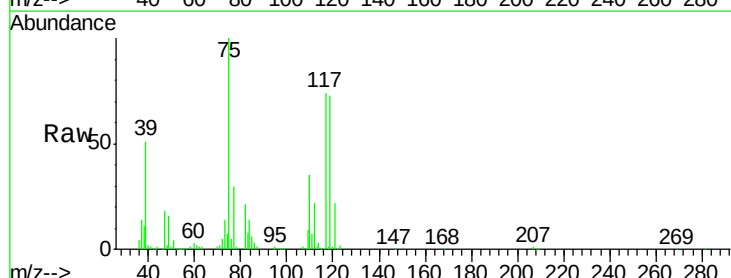
Manual Integrations
 APPROVED

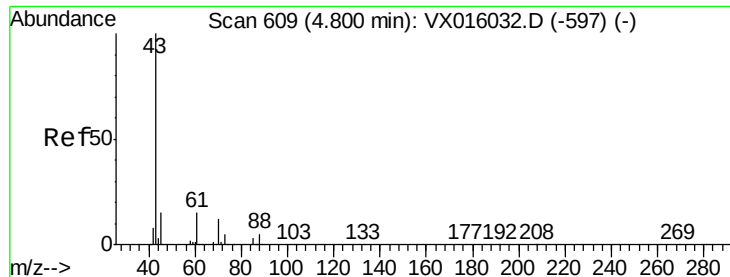
MMDadoda
 5/15/2020 12:29:07 PM



#36
 1,1-Dichloropropene
 Concen: 47.810 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.1	54.1
77	30.4	25.0	37.6





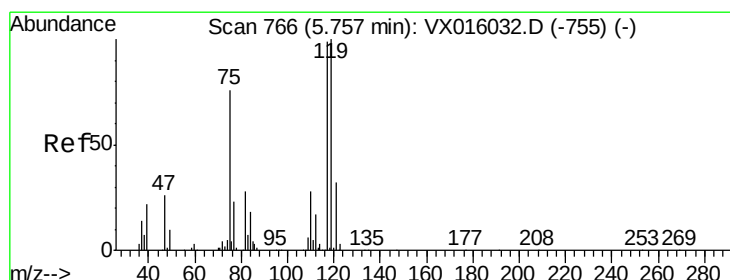
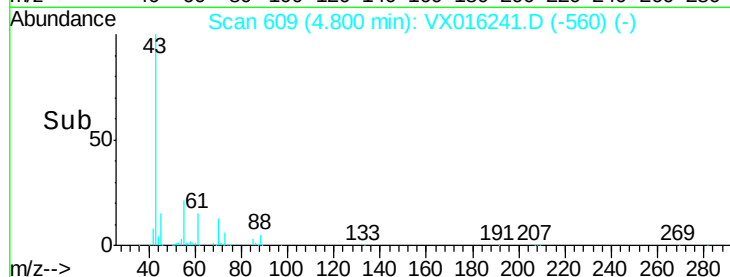
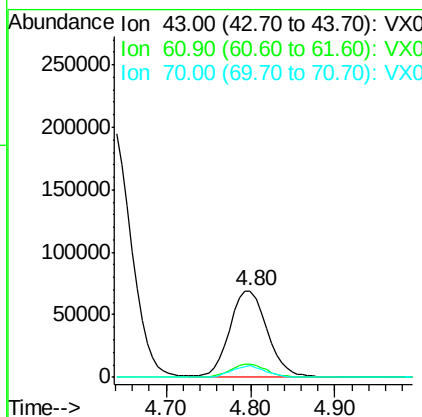
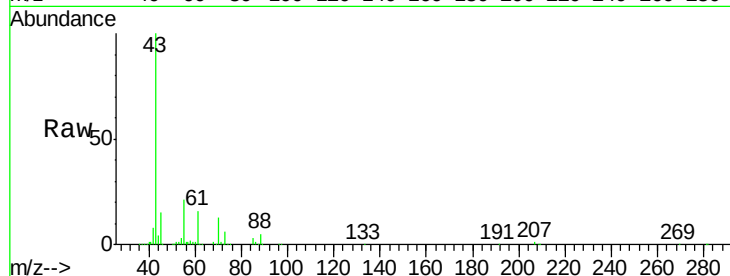
#37
Ethyl Acetate
Concen: 47.169 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MS

Tot Ion	43	Resp	208271
Ion Ratio	Lower	Upper	
43	100		
61	14.7	11.7	17.5
70	12.3	9.3	13.9

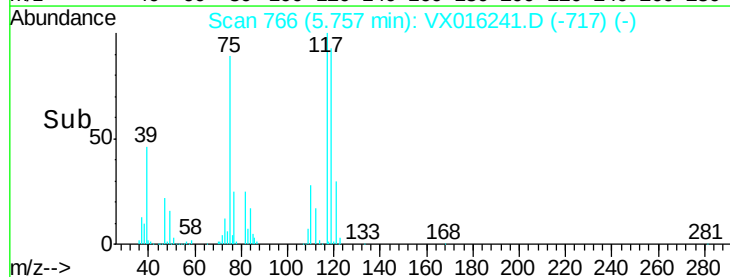
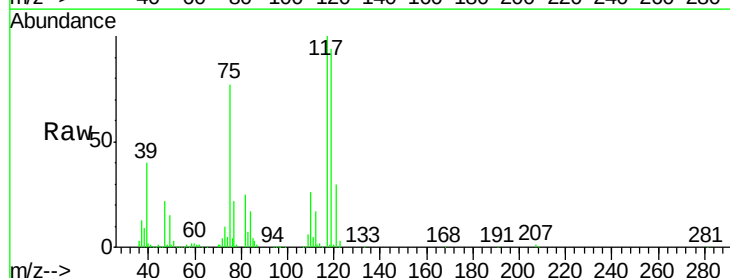
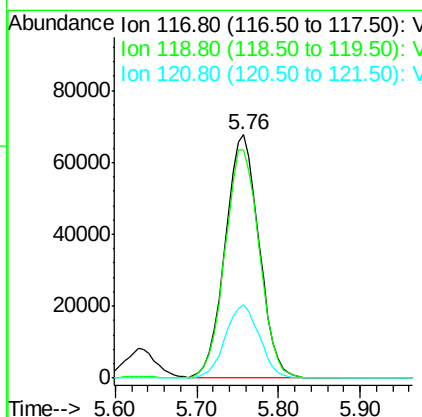
Manual Integrations
APPROVED

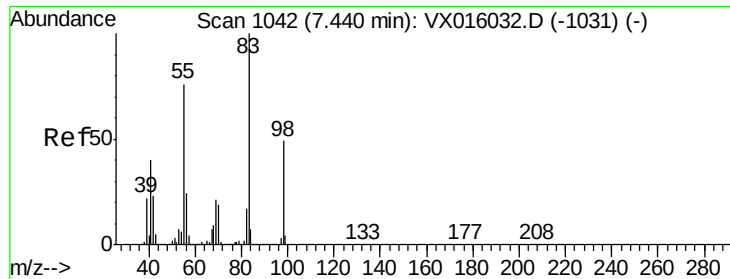
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.171 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Tgt Ion	117	Resp	194274
Ion Ratio	Lower	Upper	
117	100		
119	94.0	80.3	120.5
121	30.3	25.7	38.5





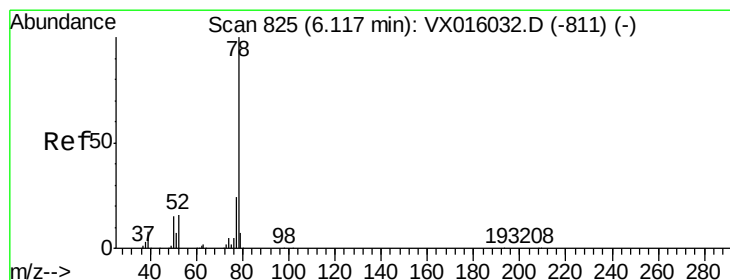
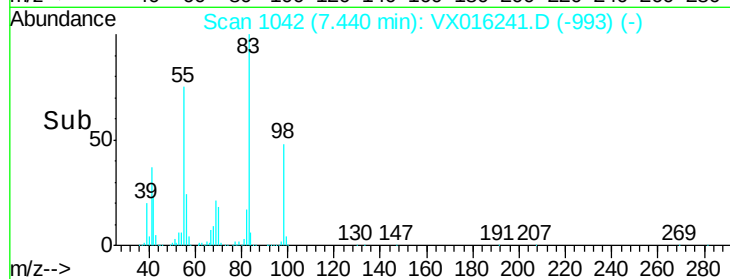
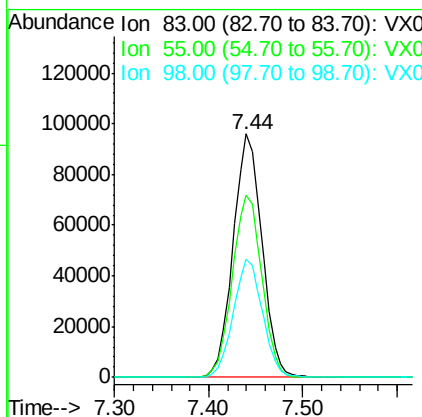
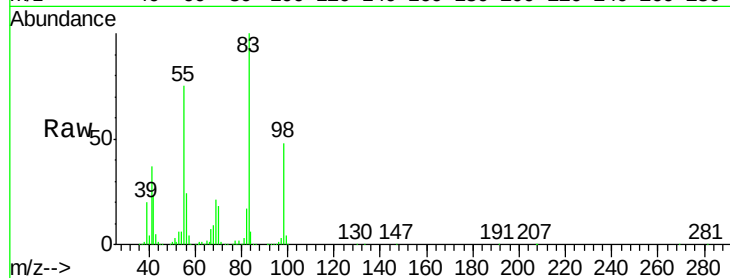
#39
Methylvlcyclohexane
Concen: 44.425 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	61.1	91.7
98	48.4	39.0	58.4

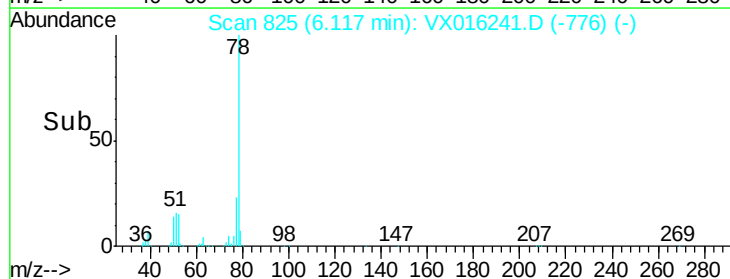
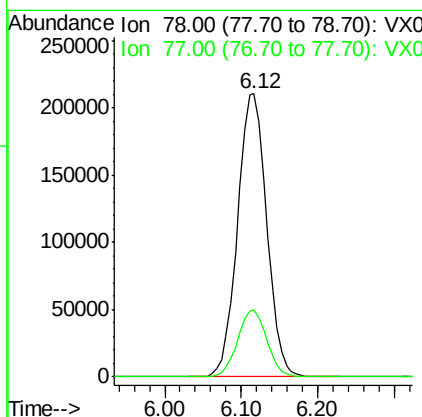
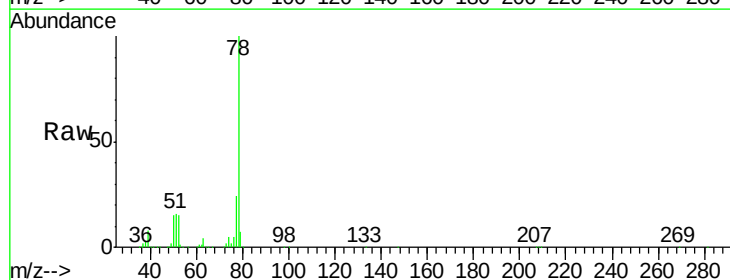
Manual Integrations
APPROVED

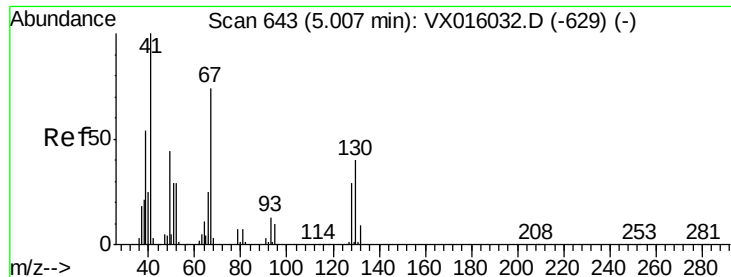
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#40
Benzene
Concen: 49.925 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





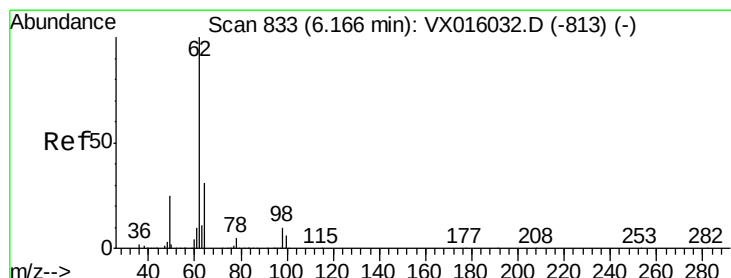
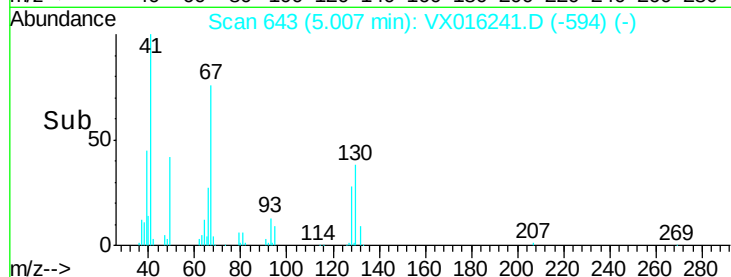
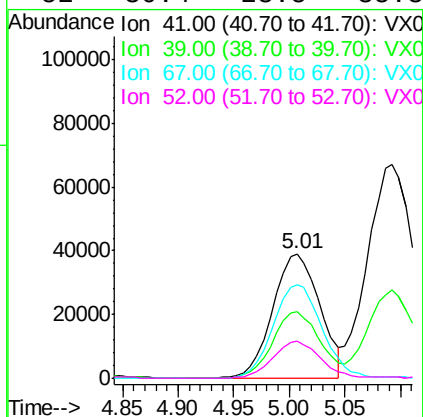
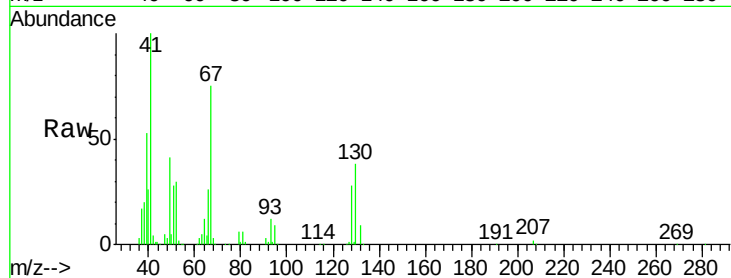
#41
Methacrylonitrile
Concen: 48.161 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		114842		
39	55.3	43.2	64.8		
67	78.7	59.3	88.9		
52	30.4	23.5	35.3		

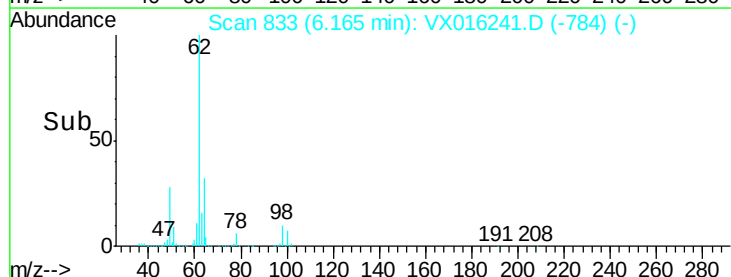
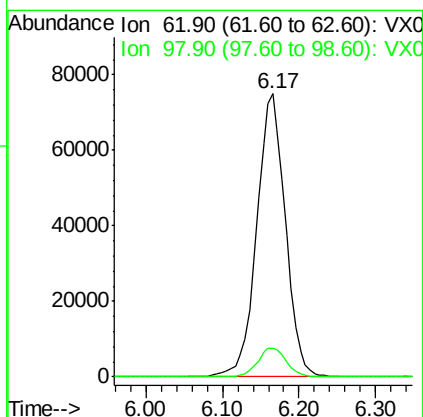
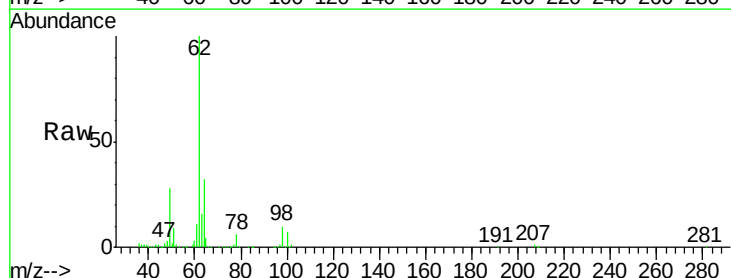
Manual Integrations
APPROVED

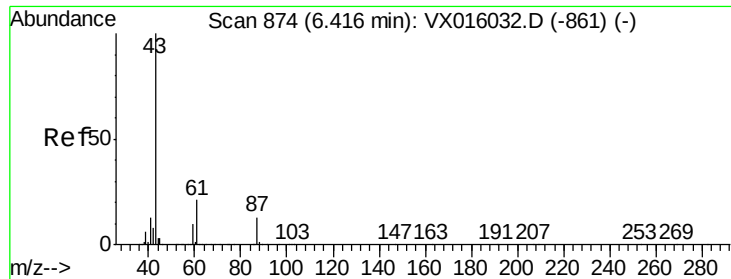
MMDadoda
5/15/2020 12:29:07 PM



#42
1,2-Dichloroethane
Concen: 48.807 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		195979		
98	10.2	0.0	19.4		





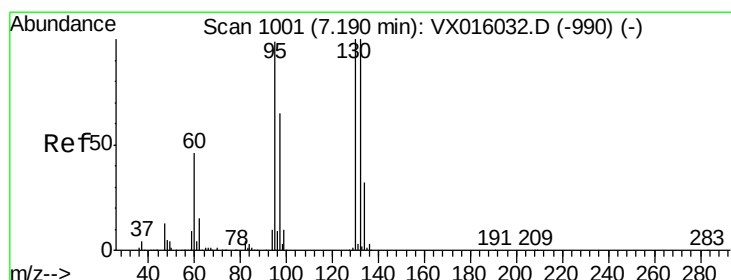
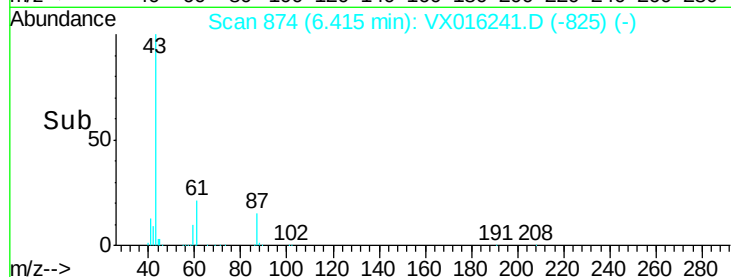
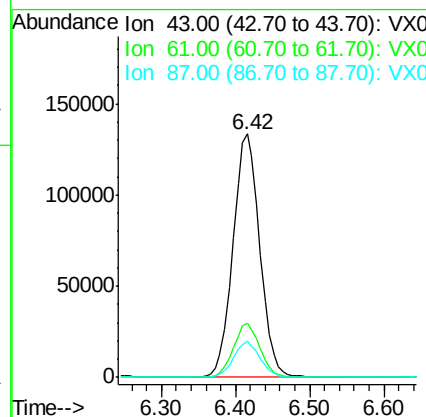
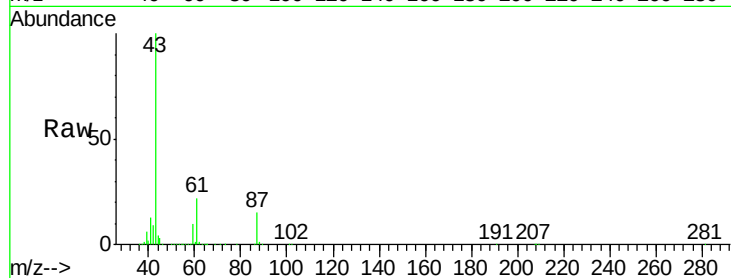
#43
Isopropyl Acetate
Concen: 47.327 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.0	25.4
87	14.6	11.0	16.6

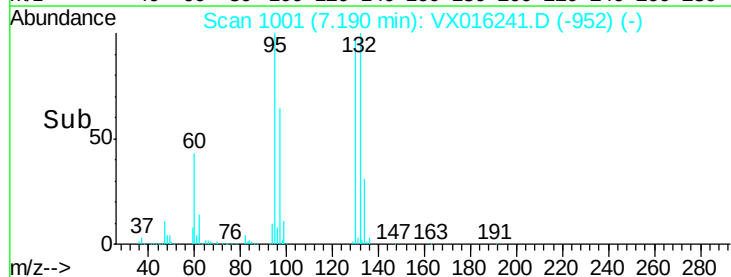
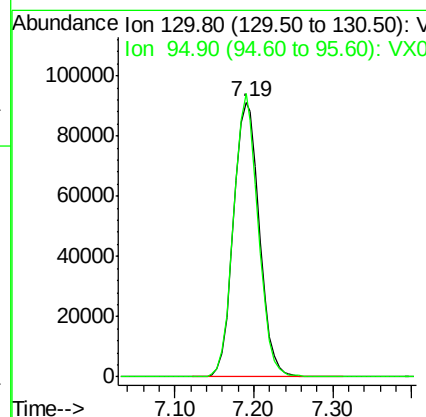
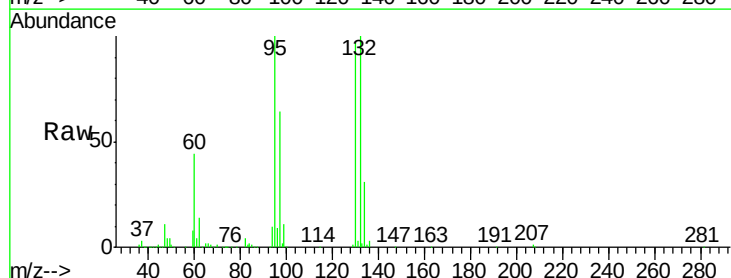
Manual Integrations
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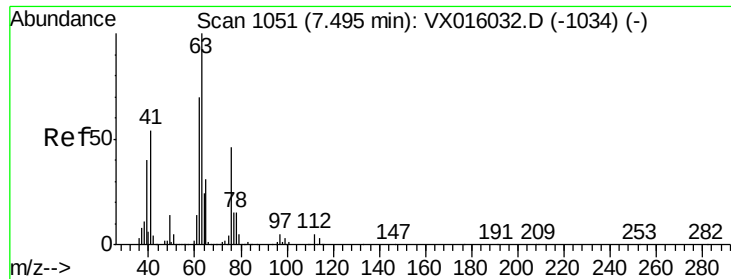
MMDadoda
5/15/2020 12:29:07 PM



#44
Trichloroethene
Concen: 52.484 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	197.4





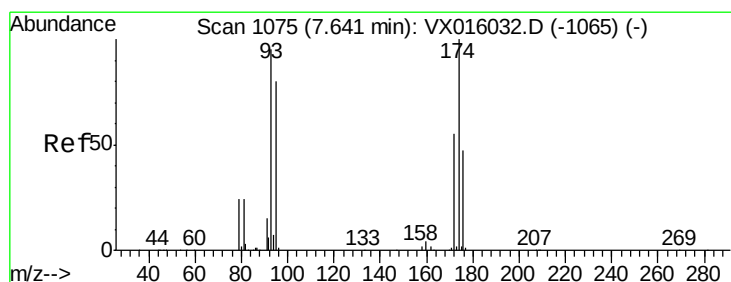
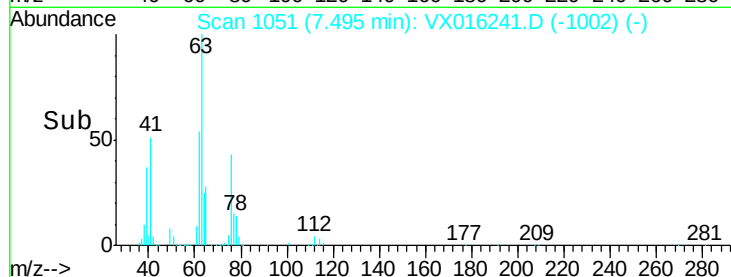
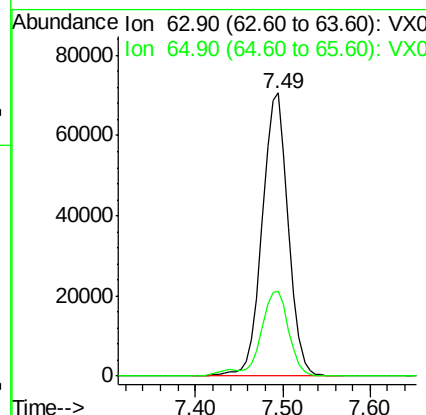
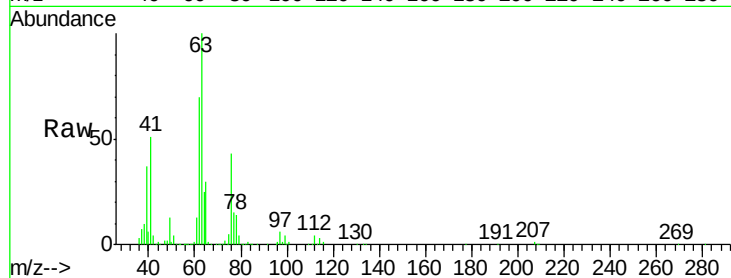
#45
 1,2-Dichloropropane
 Concen: 51.932 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.4	36.6

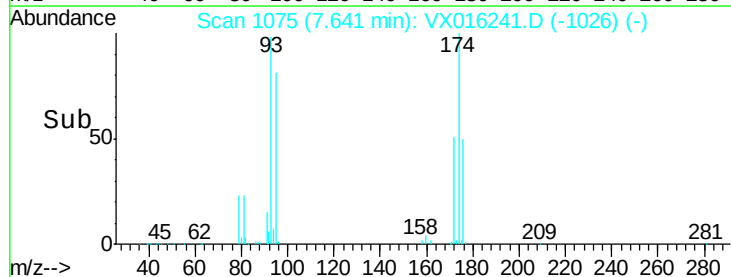
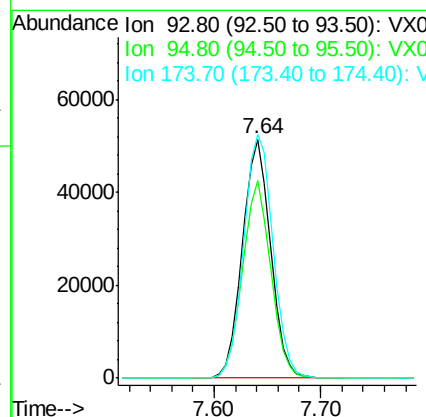
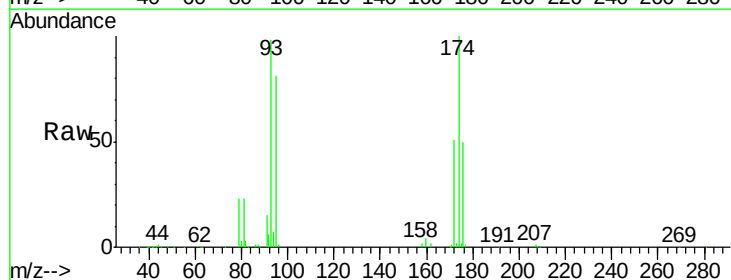
Manual Integrations
 APPROVED

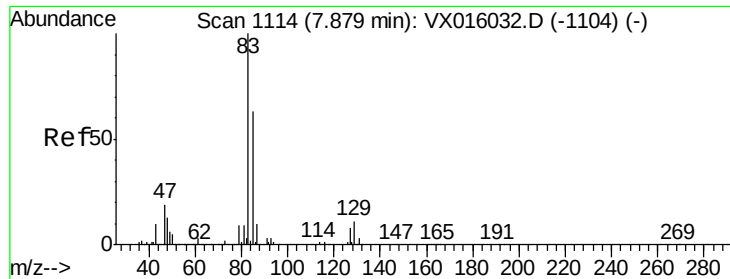
MMDadoda
 5/15/2020 12:29:07 PM



#46
 Dibromomethane
 Concen: 50.134 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.6	100.0
174	106.4	84.2	126.4





#47

Bromodichloromethane

Concen: 51.417 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

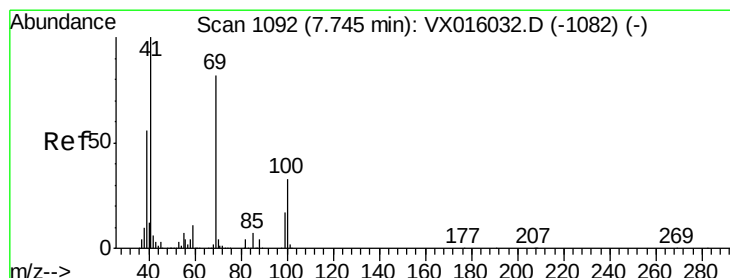
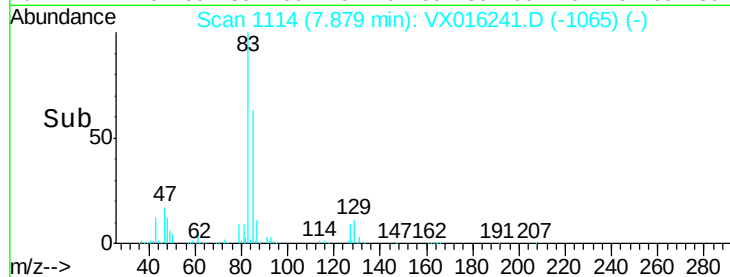
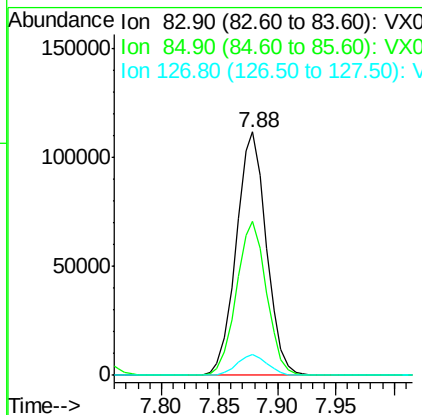
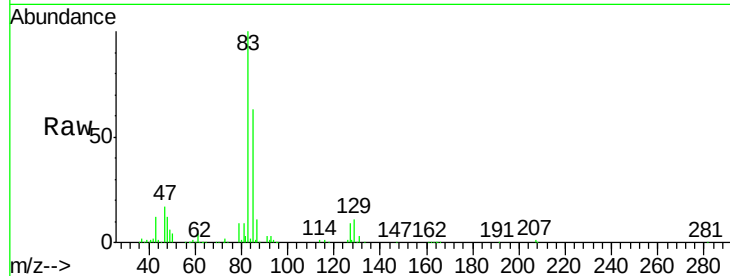
ClientSampleId :

SS052MW098-200513MS

Tot Ion:	83	Resp:	200717
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.5	75.7
127	8.7	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.798 ug/l

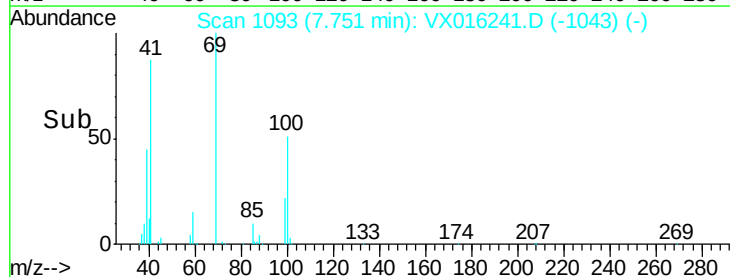
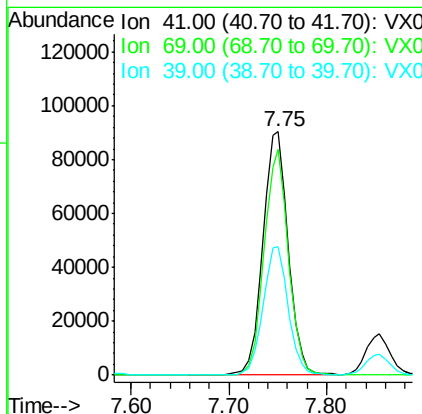
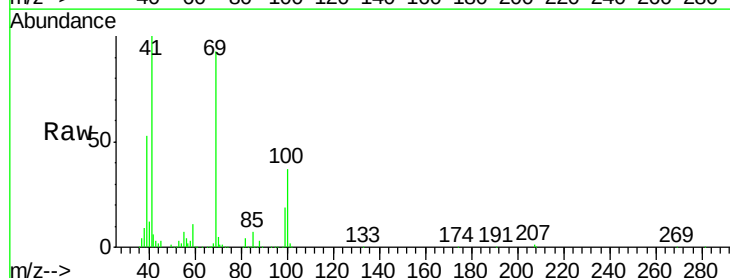
RT: 7.75 min Scan# 1093

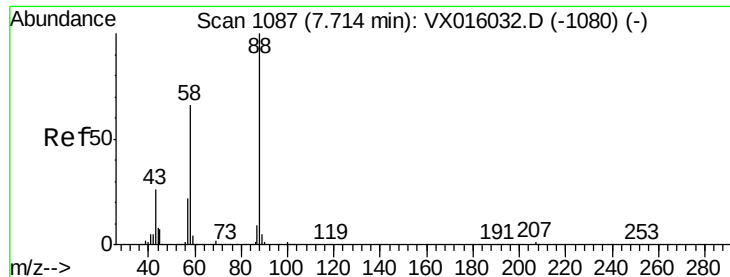
Delta R.T. 0.01 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Tgt Ion:	41	Resp:	162901
Ion Ratio	Lower	Upper	
41	100		
69	89.5	67.8	101.6
39	52.4	44.6	67.0





#49

1,4-Dioxane

Concen: 1012.344 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

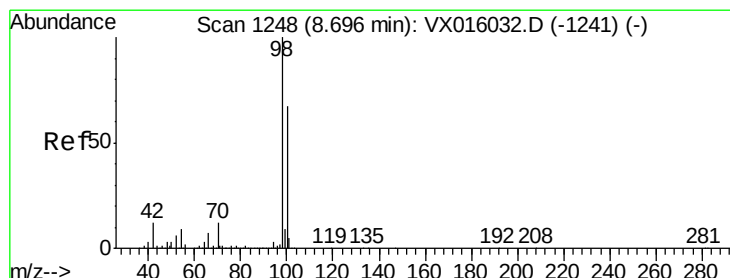
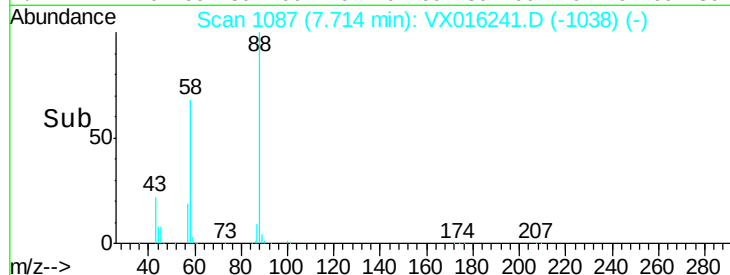
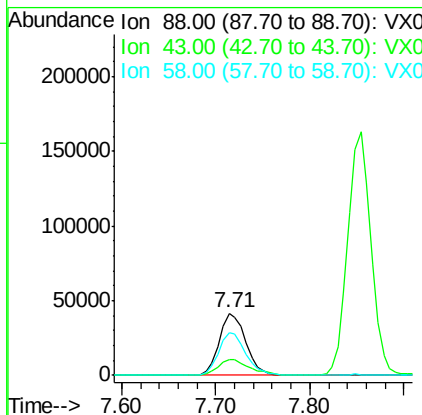
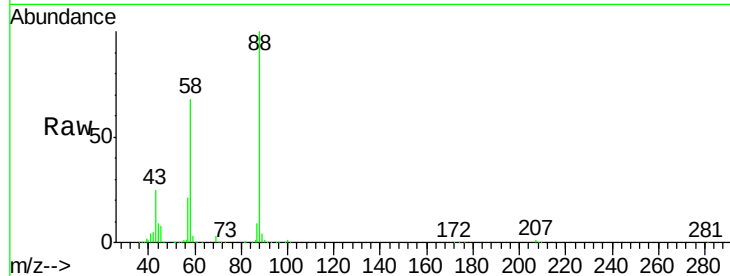
ClientSampleId :

SS052MW098-200513MS

Tot Ion:	88	Resp:	81051
Ion	Ratio	Lower	Upper
88	100		
43	29.6	25.3	37.9
58	70.3	55.9	83.9

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#50

Toluene-d8

Concen: 50.682 ug/l

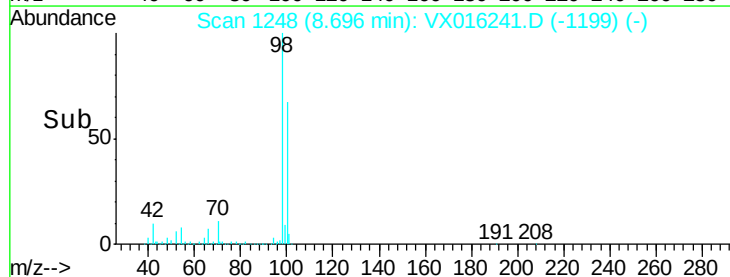
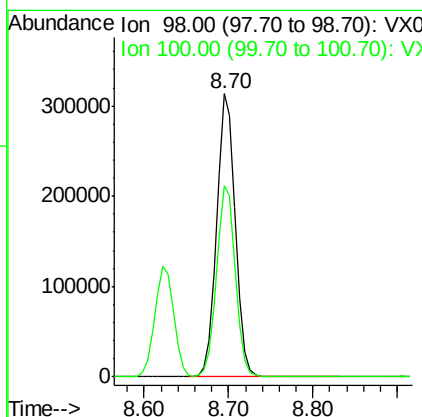
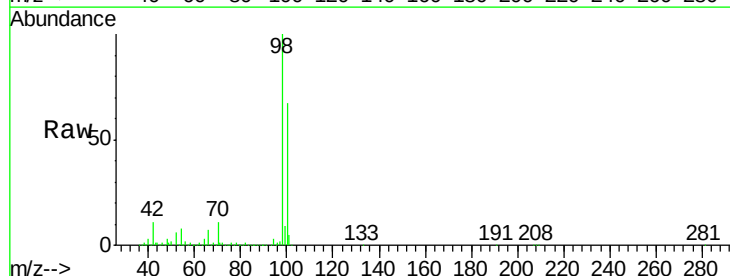
RT: 8.70 min Scan# 1248

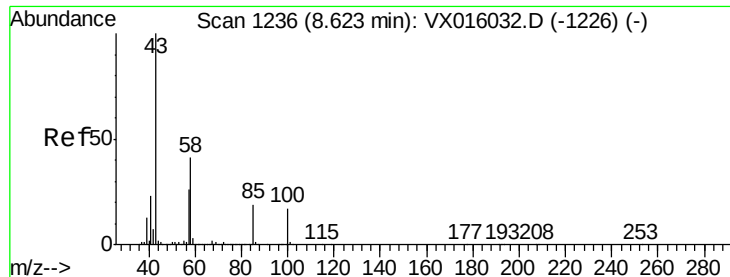
Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Tgt Ion:	98	Resp:	478815
Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 253.287 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MS

Tot Ion: 43 Resp: 1091957

Ion Ratio Lower Upper

43 100

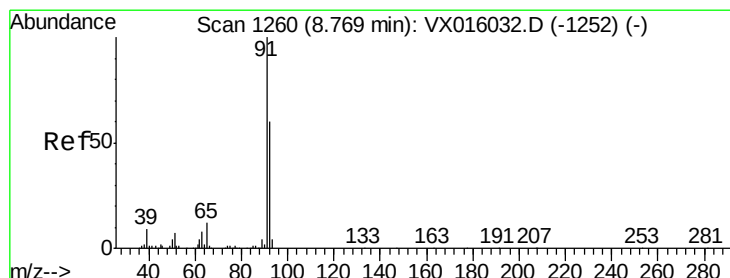
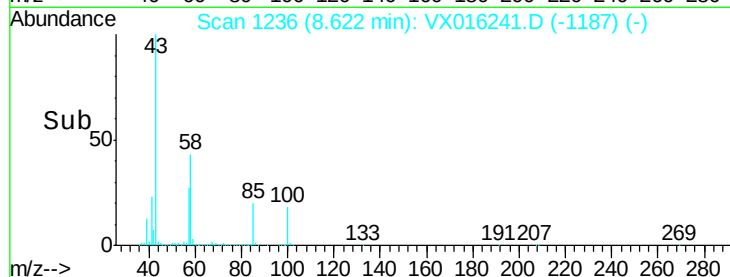
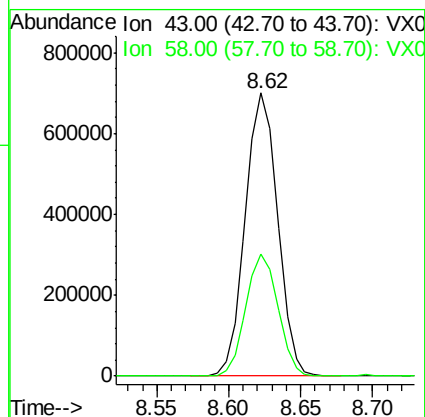
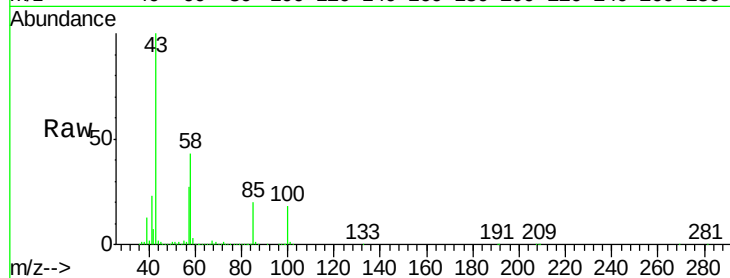
58 42.7 33.0 49.4

Manual Integrations

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#52

Toluene

Concen: 51.142 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016241.D

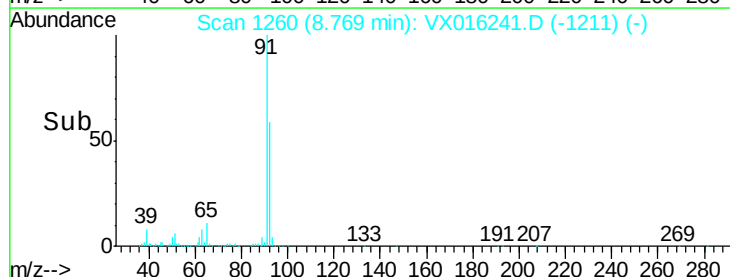
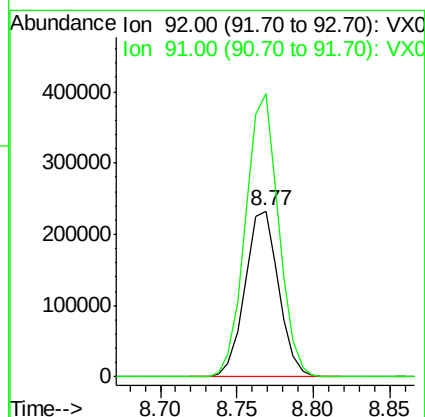
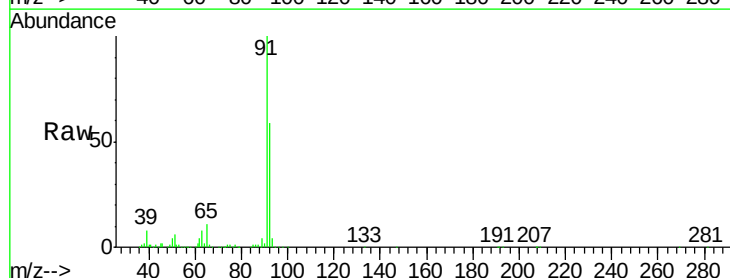
Acq: 14 May 2020 19:02

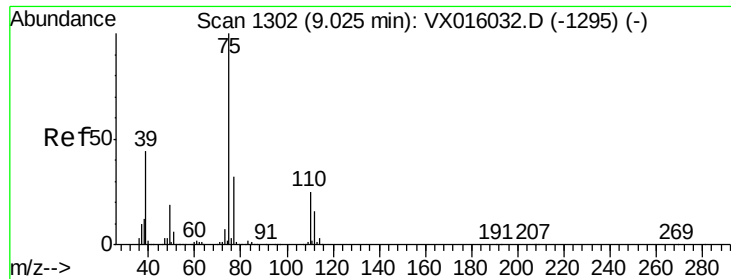
Tgt Ion: 92 Resp: 355332

Ion Ratio Lower Upper

92 100

91 168.0 134.5 201.7





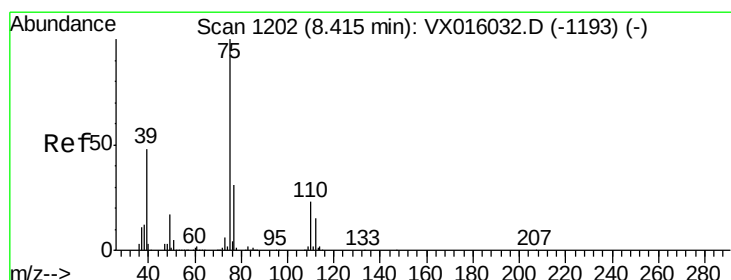
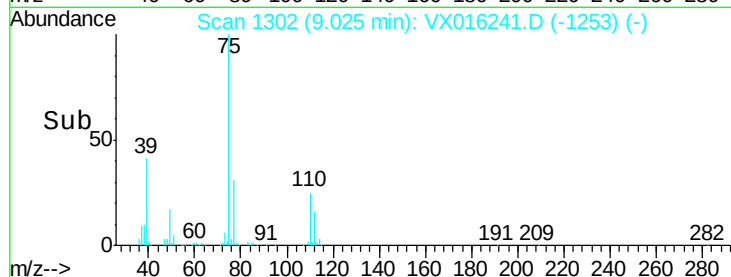
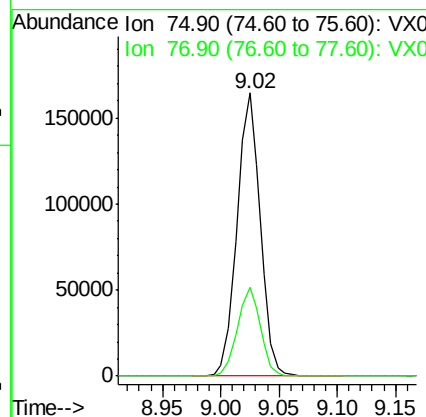
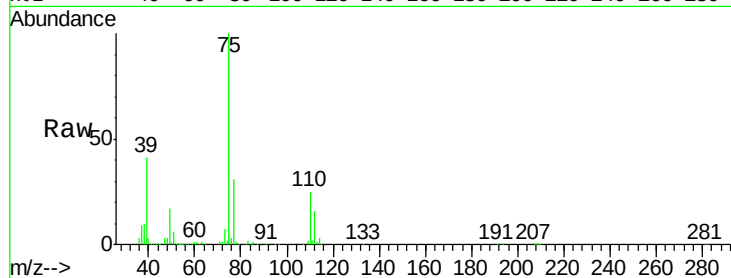
#53
t-1,3-Dichloropropene
Concen: 49.199 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.7	38.5

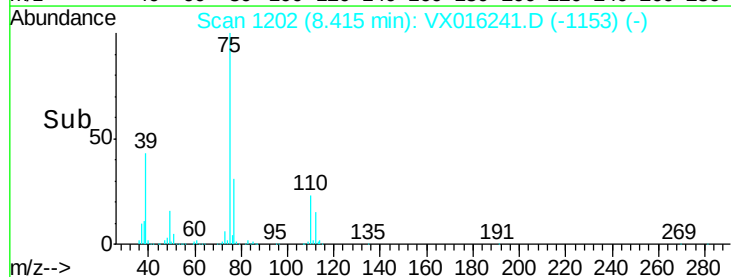
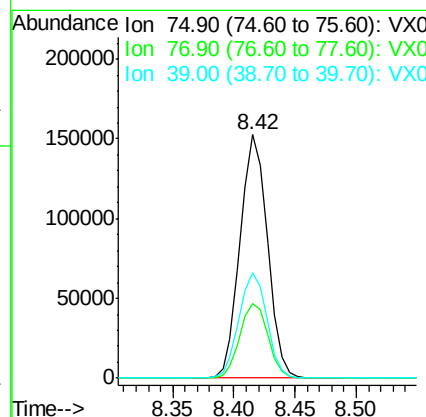
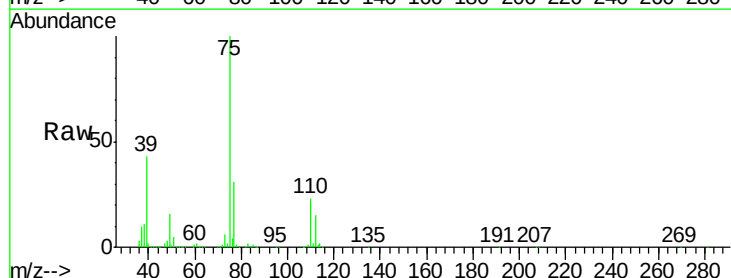
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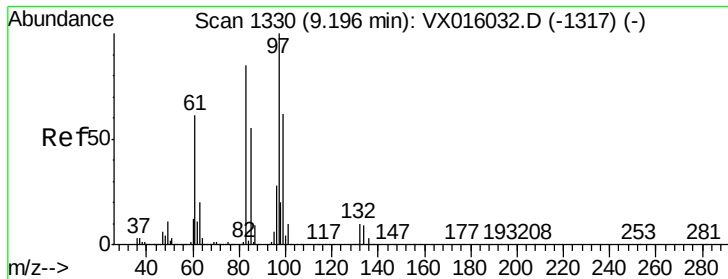
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 48.938 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.7	37.1
39	43.3	38.7	58.1





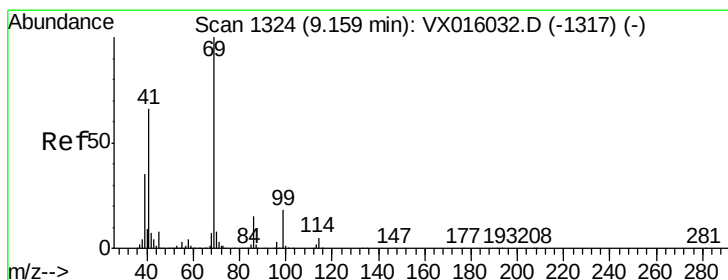
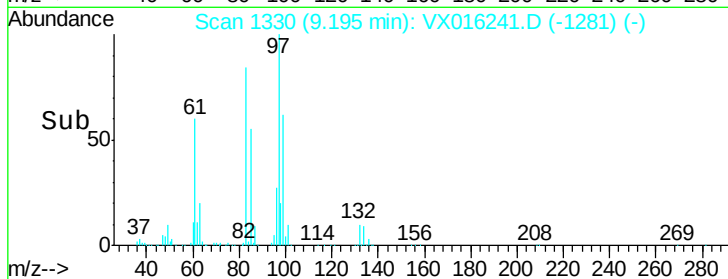
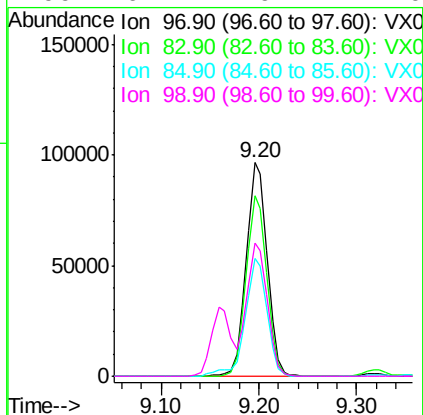
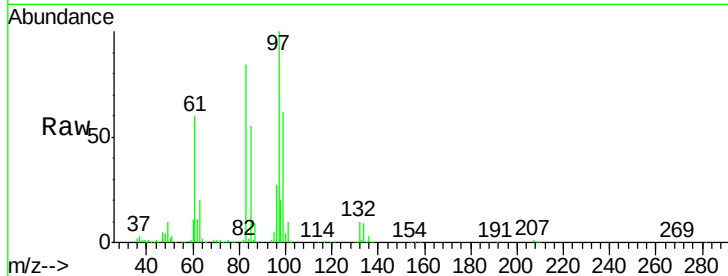
#55
 1,1,2-Trichloroethane
 Concen: 52.674 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		143988		
83	84.4	67.8	101.8		
85	55.2	43.8	65.8		
99	62.1	49.4	74.0		

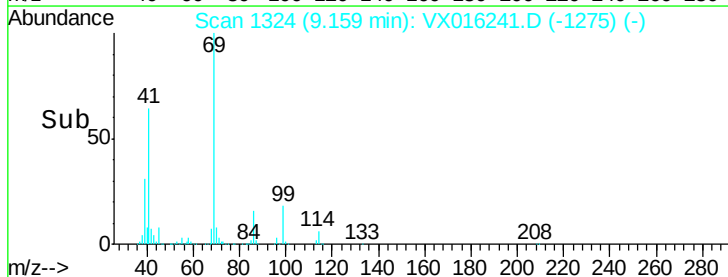
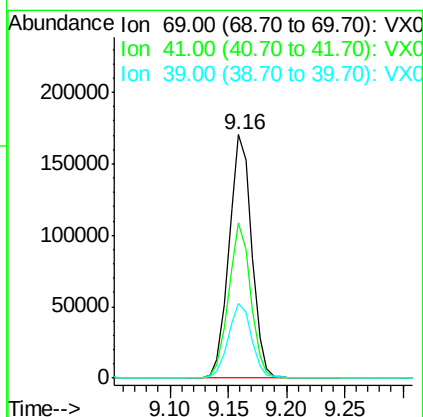
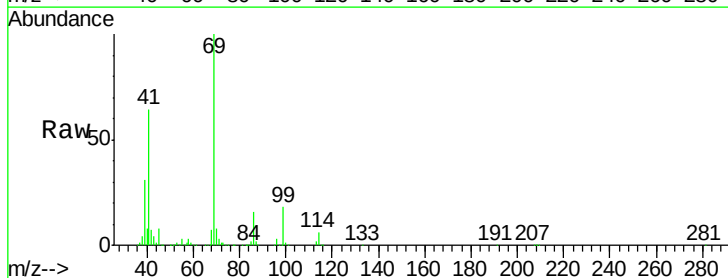
Manual Integrations
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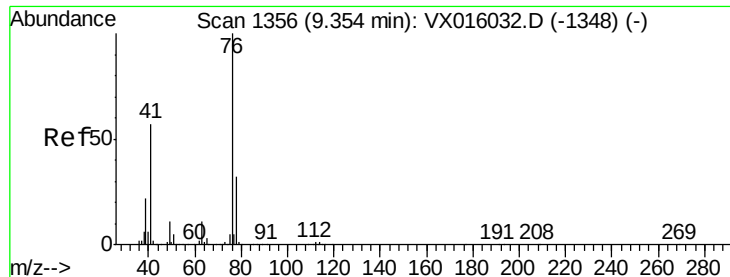
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#56
 Ethyl methacrylate
 Concen: 51.772 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		231009		
41	62.0	52.2	78.4		
39	31.4	28.2	42.4		





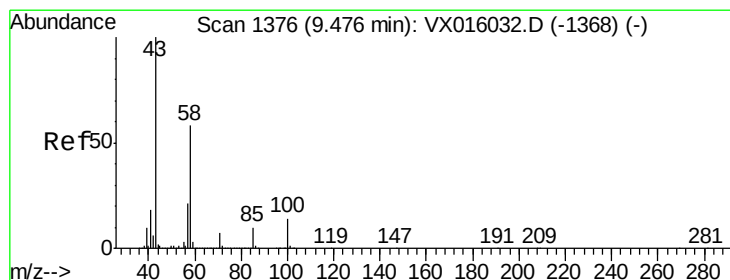
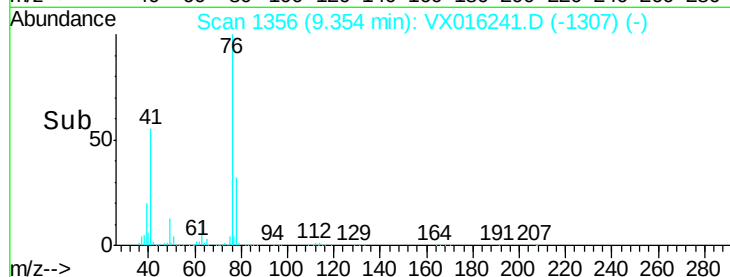
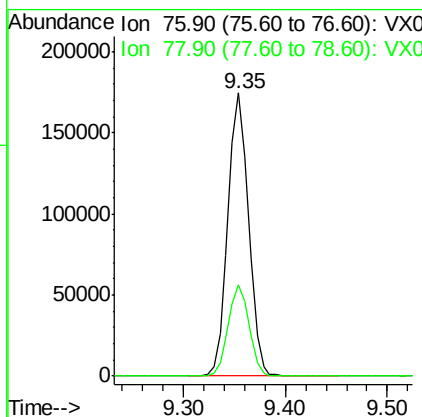
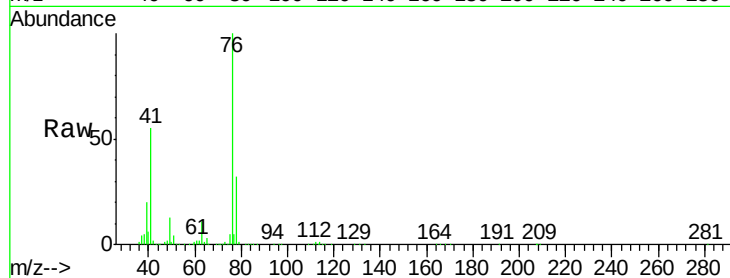
#57
 1,3-Dichloropropane
 Concen: 51.413 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9

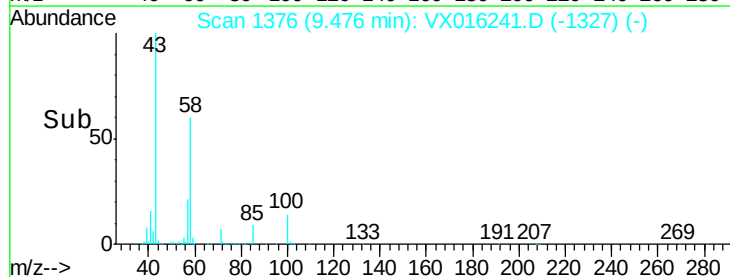
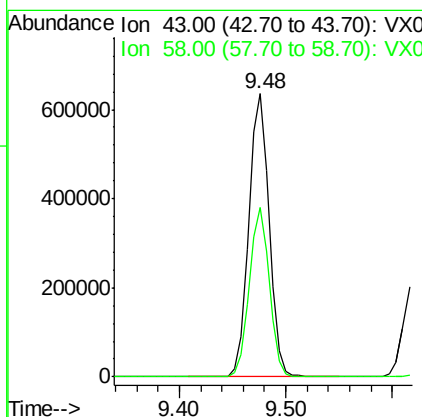
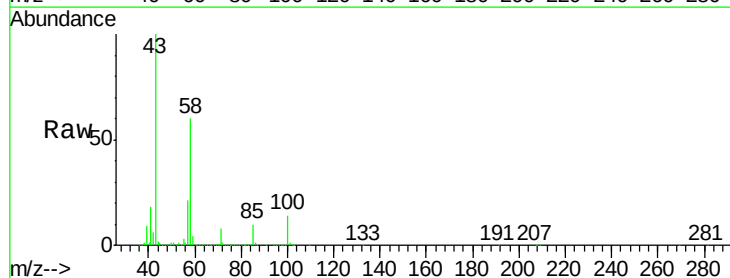
Manual Integrations
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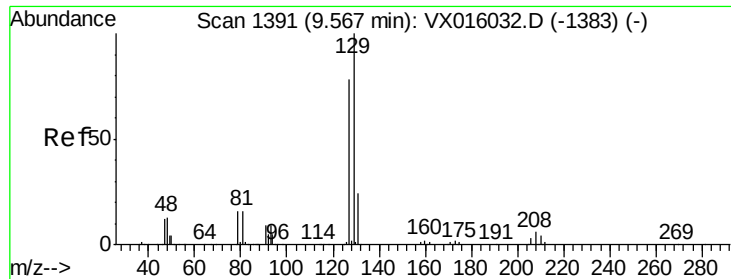
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 5/15/2020 12:29:07 PM



#59
 2-Hexanone
 Concen: 251.912 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	59.3	28.6	85.9





#60

Dibromochloromethane

Concen: 53.216 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MS

Tot Ion:129 Resp: 160214

Ion Ratio Lower Upper

129 100

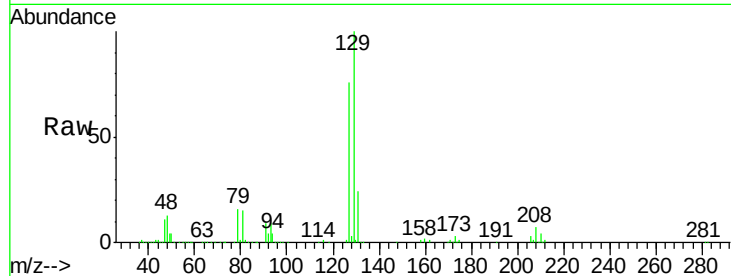
127 76.9 38.4 115.2

Manual Integrations

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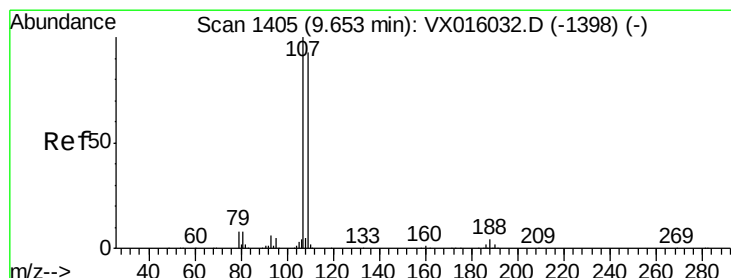
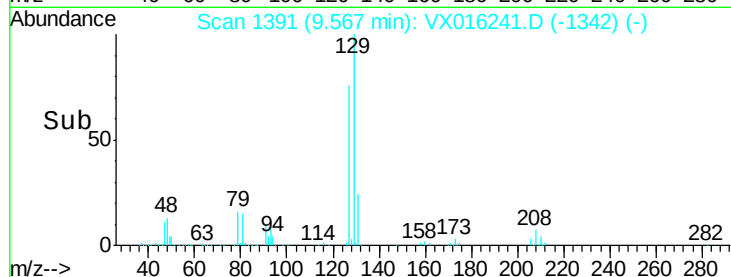
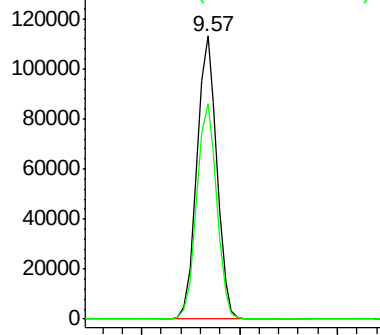
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 51.304 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016241.D

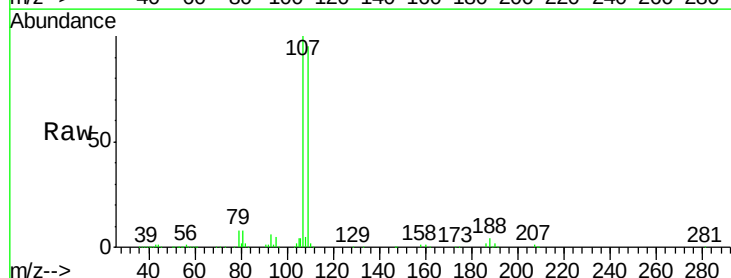
Acq: 14 May 2020 19:02

Tgt Ion:107 Resp: 151908

Ion Ratio Lower Upper

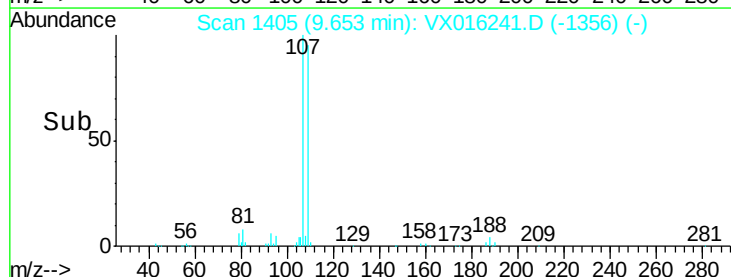
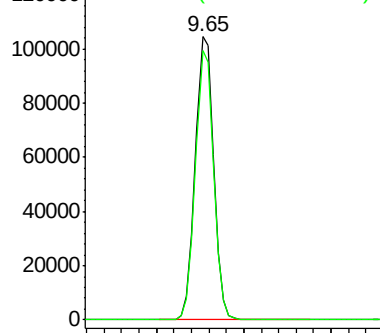
107 100

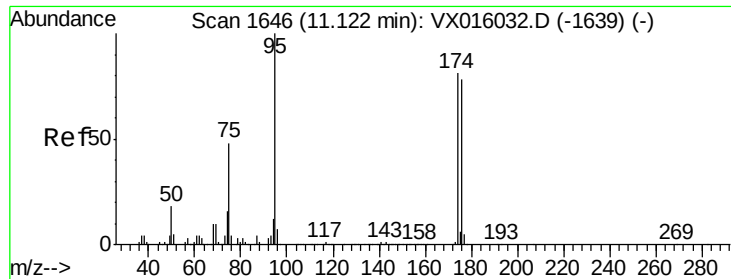
109 94.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 53.328 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

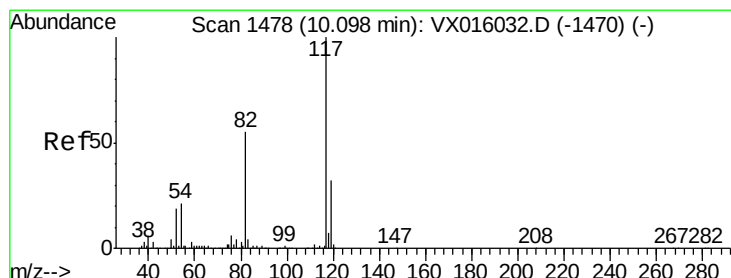
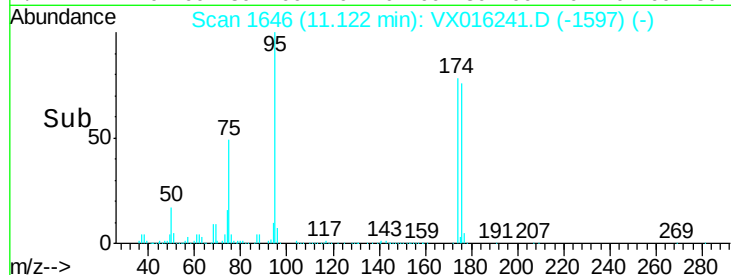
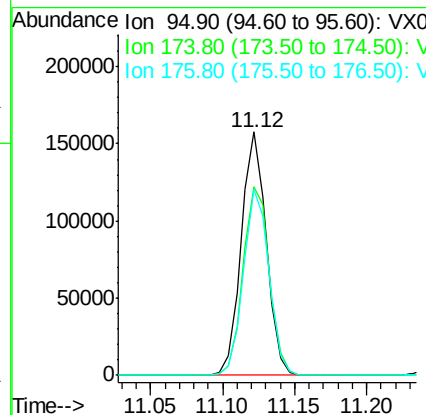
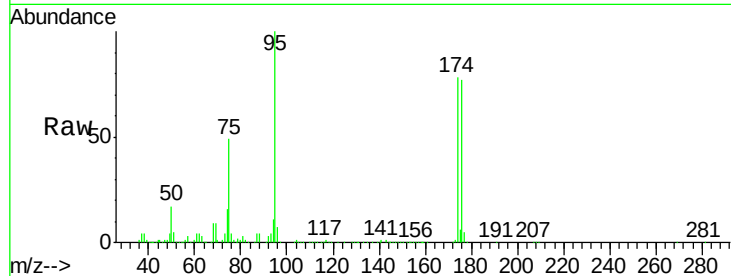
ClientSampleId :

SS052MW098-200513MS

Tot Ion:	95	Resp:	191624
Ion Ratio	Lower	Upper	
95	100		
174	80.6	0.0	159.4
176	77.5	0.0	157.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

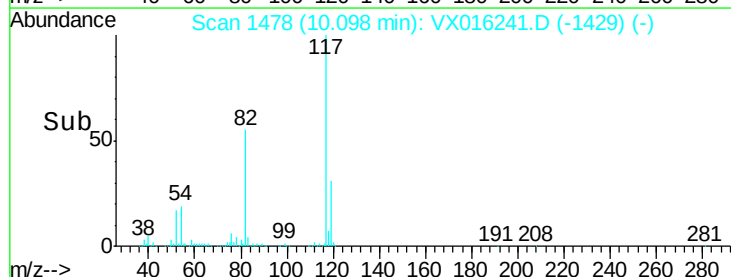
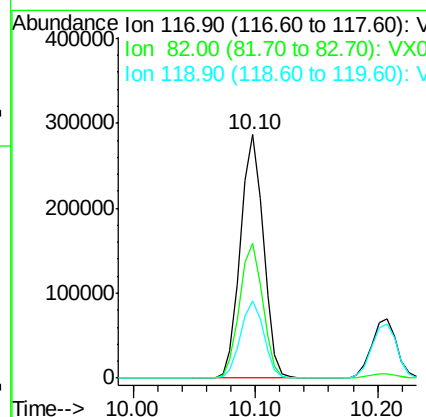
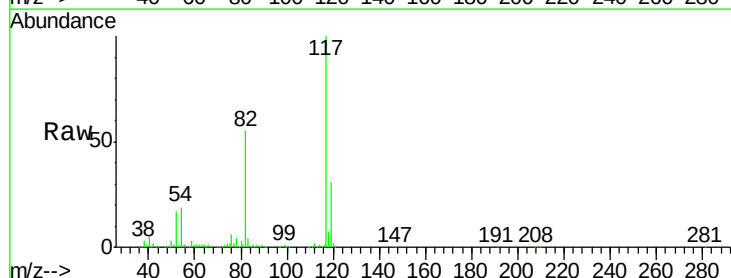
RT: 10.10 min Scan# 1478

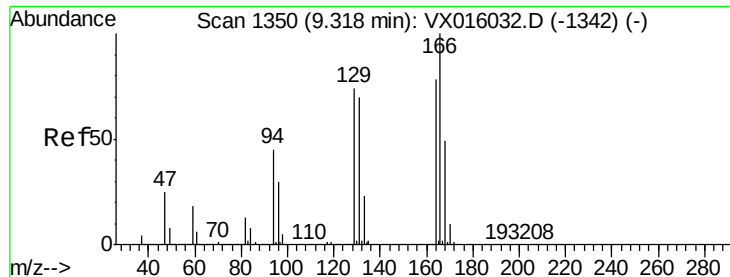
Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Tgt Ion:	117	Resp:	371011
Ion Ratio	Lower	Upper	
117	100		
82	55.3	44.4	66.6
119	31.5	25.5	38.3





#64

Tetrachloroethene

Concen: 45.269 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

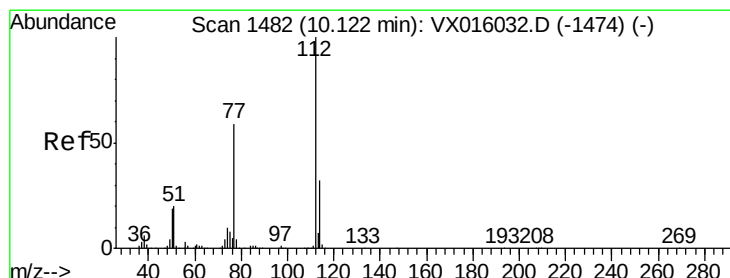
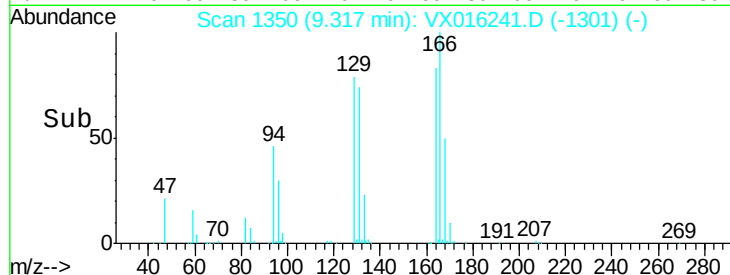
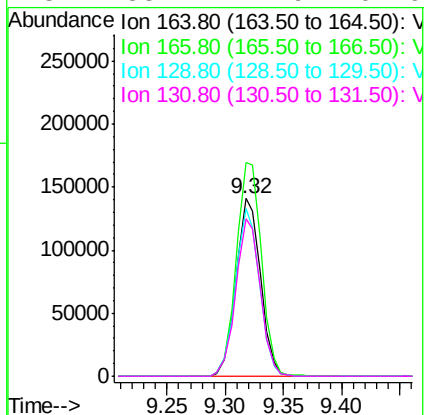
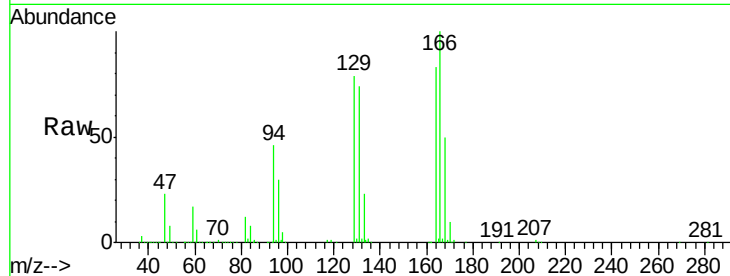
ClientSampleId :

SS052MW098-200513MS

Tot Ion:	164	Resp:	206184
Ion Ratio	Lower	Upper	
164	100		
166	120.3	102.9	154.3
129	94.5	76.1	114.1
131	88.7	71.9	107.9

Manual Integrations
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#65

Chlorobenzene

Concen: 48.701 ug/l

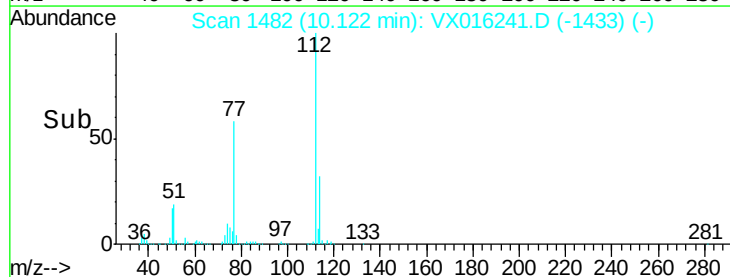
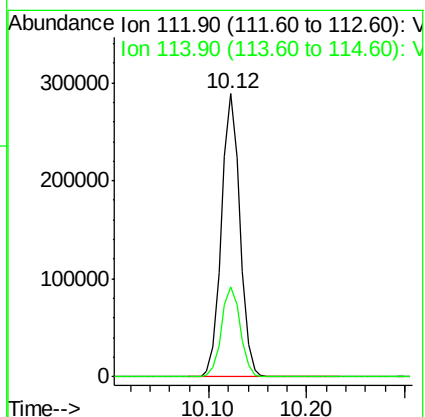
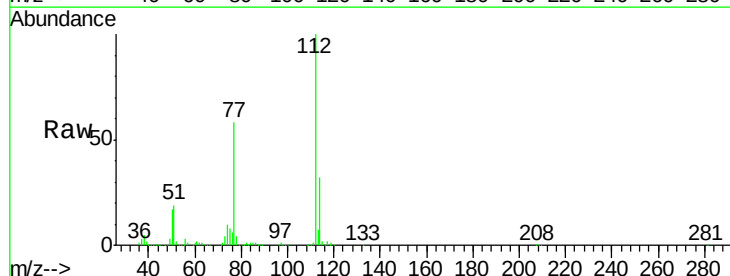
RT: 10.12 min Scan# 1482

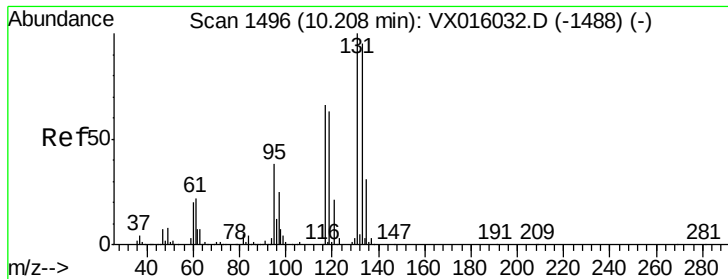
Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Tgt Ion:	112	Resp:	378337
Ion Ratio	Lower	Upper	
112	100		
114	31.7	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 50.588 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

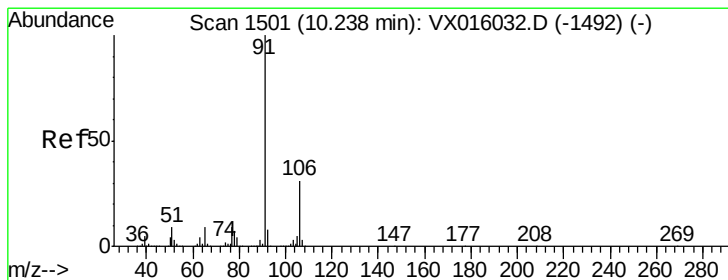
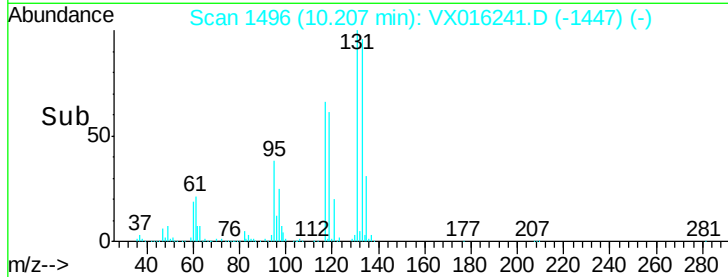
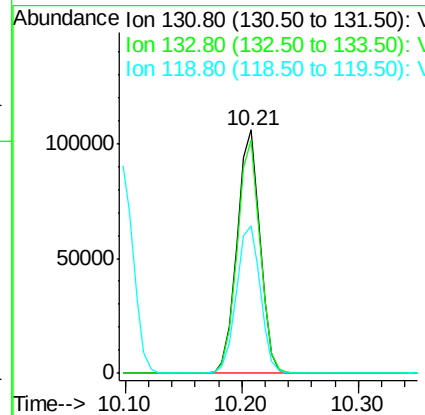
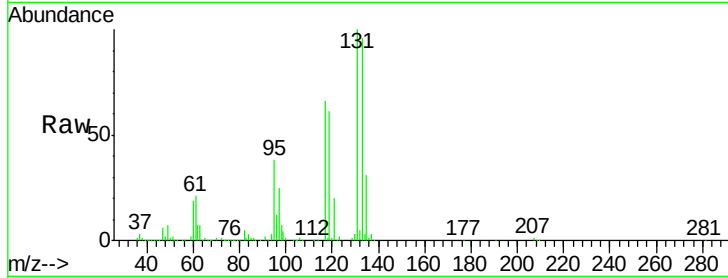
ClientSampleId :

SS052MW098-200513MS

Tot Ion:	131	Resp:	145256
Ion Ratio	Lower	Upper	
131	100		
133	96.1	48.3	144.8
119	63.3	32.3	96.9

Manual Integrations
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#67

Ethyl Benzene

Concen: 48.275 ug/l

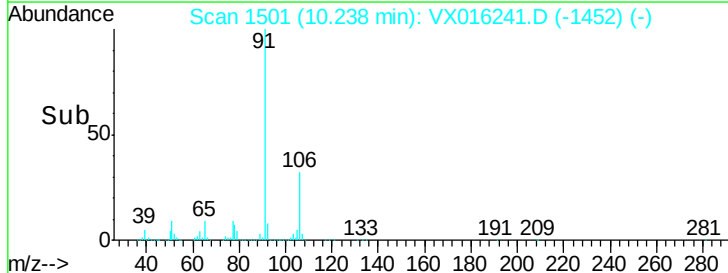
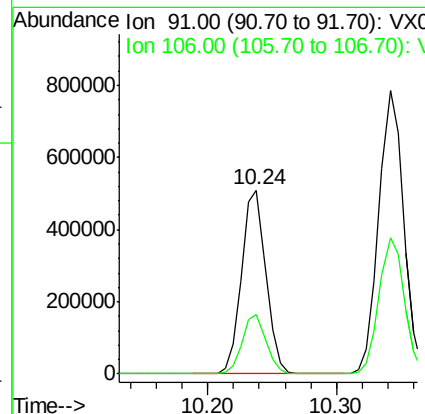
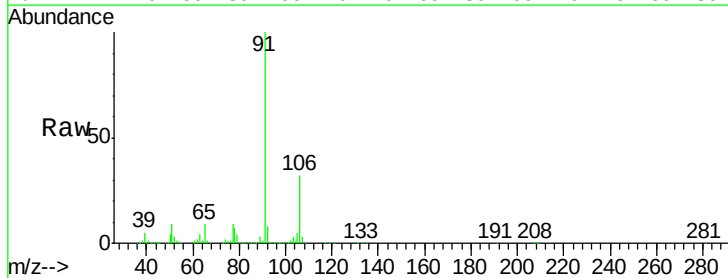
RT: 10.24 min Scan# 1501

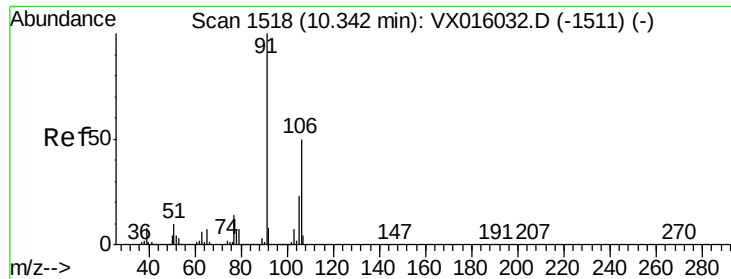
Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Tgt Ion:	91	Resp:	669144
Ion Ratio	Lower	Upper	
91	100		
106	32.1	25.1	37.7





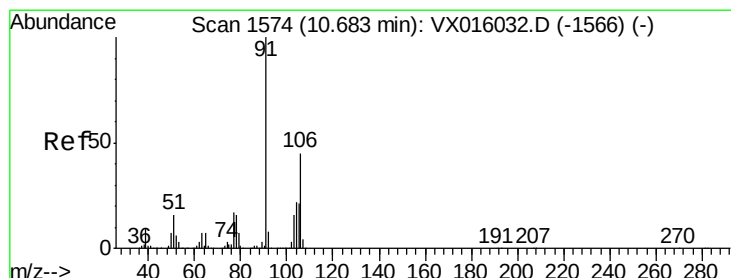
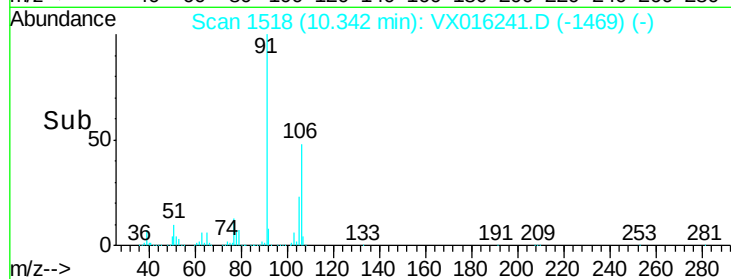
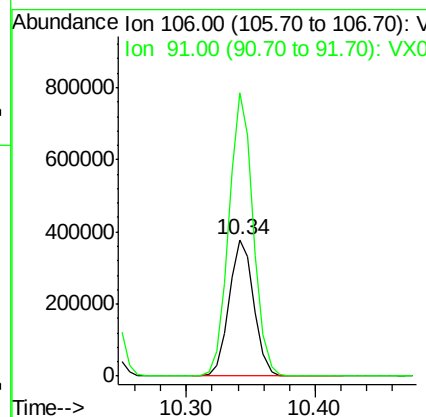
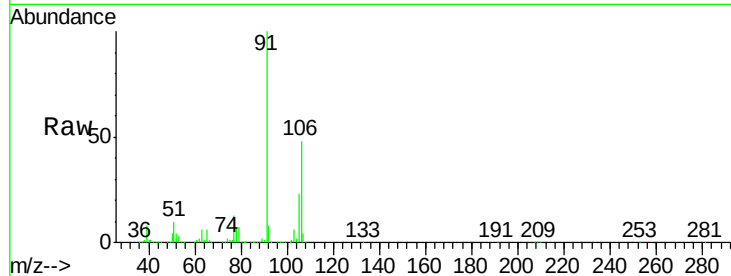
#68
m/p-Xylenes
Concen: 97.890 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	204.9	161.7	242.5		

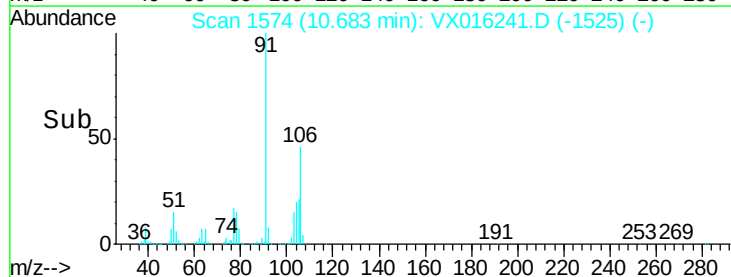
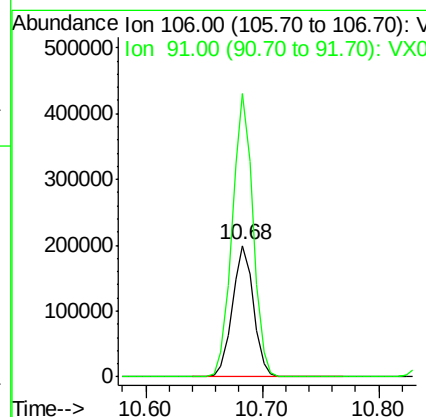
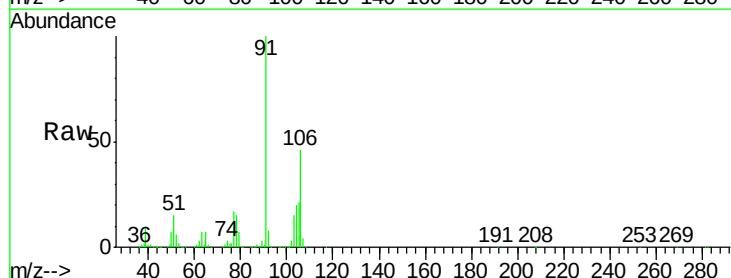
Manual Integrations
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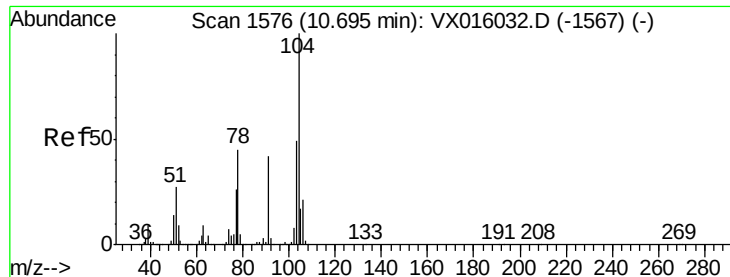
MMDadoda
5/15/2020 12:29:07 PM



#69
o-Xylene
Concen: 49.982 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	213.3	107.5	322.6		





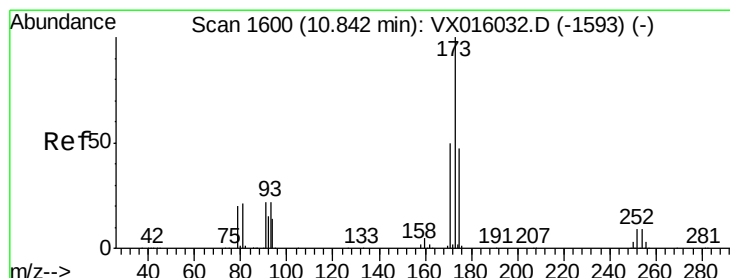
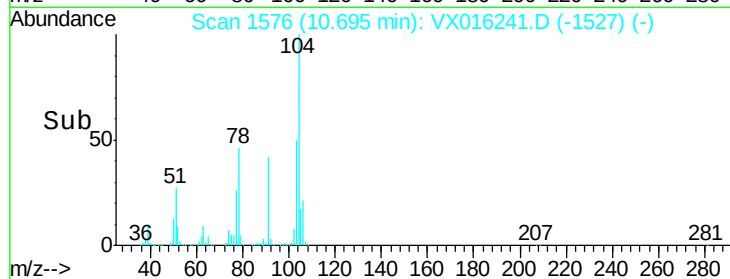
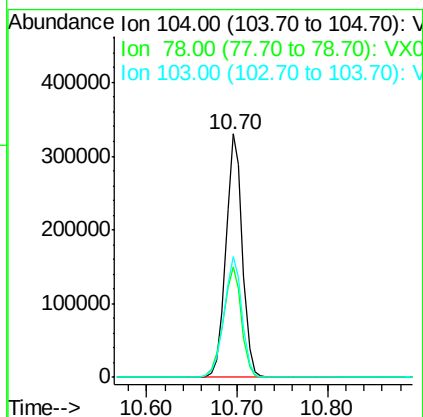
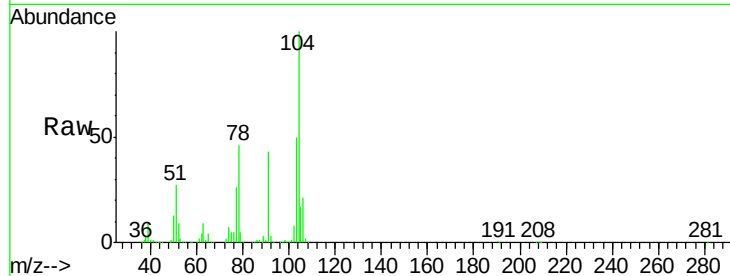
#70
Stvrene
Concen: 49.788 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.8	40.2	60.2
103	54.1	43.0	64.6

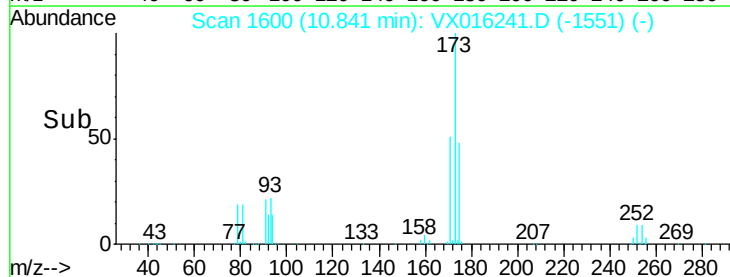
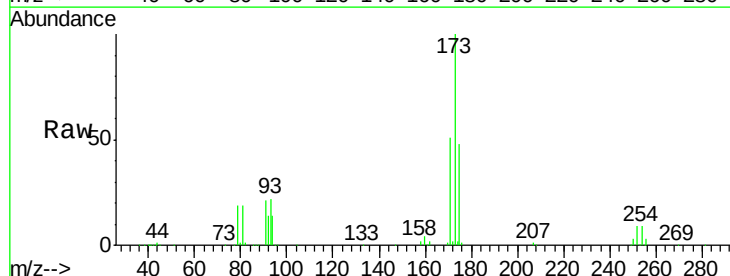
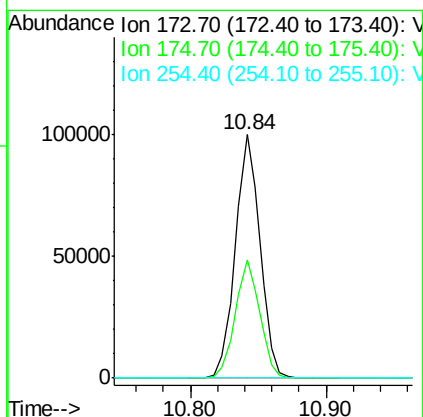
Manual Integrations
APPROVED

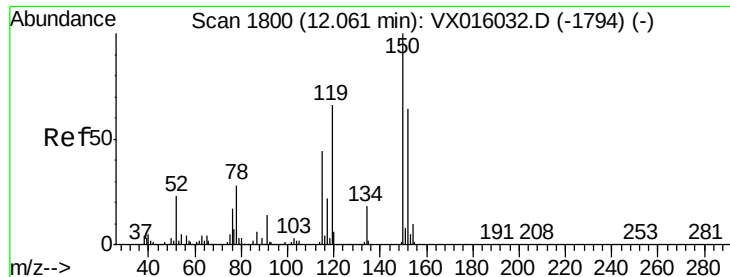
MMDadoda
5/15/2020 12:29:07 PM



#71
Bromoform
Concen: 53.773 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.0	72.0
254	0.1	0.1	0.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

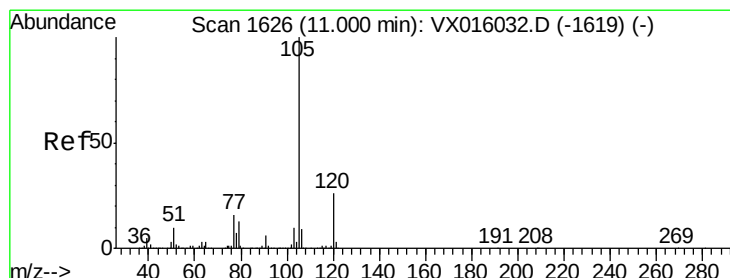
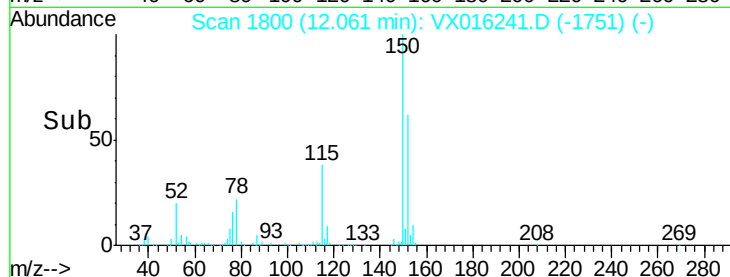
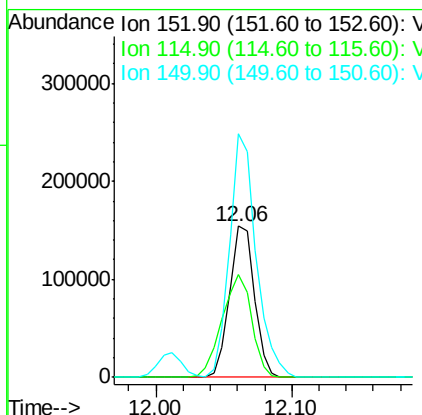
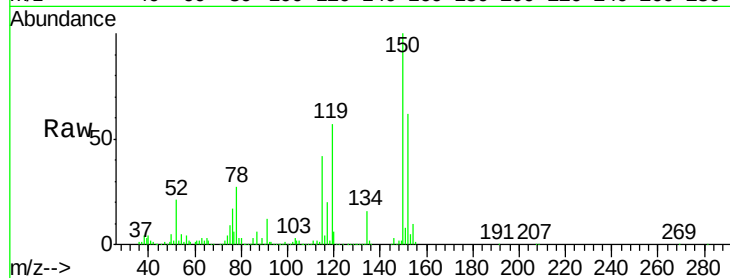
ClientSampleId :

SS052MW098-200513MS

Tot Ion:	152	Resp:	196268
Ion Ratio	Lower	Upper	
152	100		
115	80.7	41.3	124.1
150	171.8	0.0	352.2

Manual Integrations
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5/15/2020 12:29:07 PM



#73

Isopropylbenzene

Concen: 46.141 ug/l

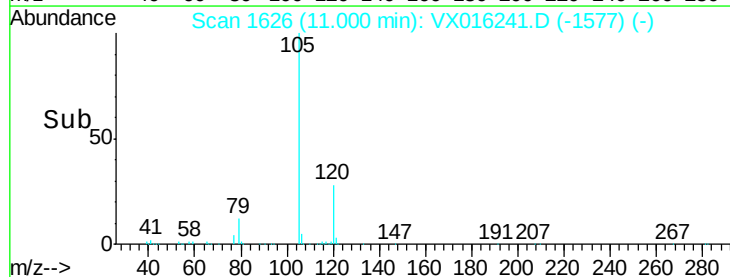
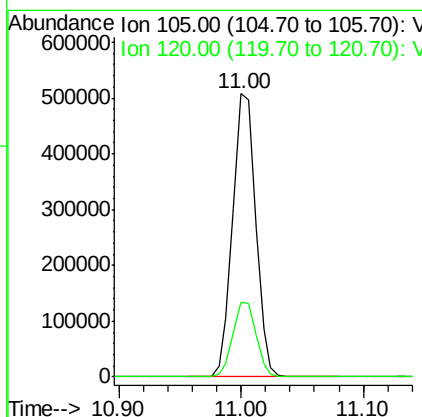
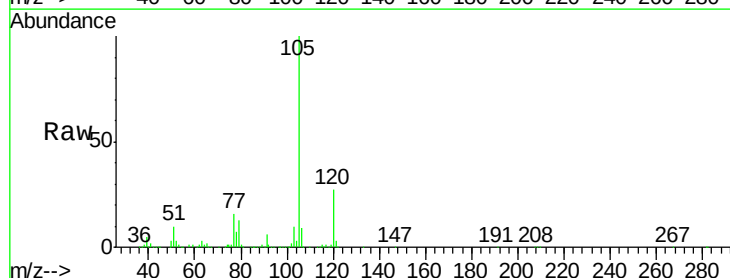
RT: 11.00 min Scan# 1626

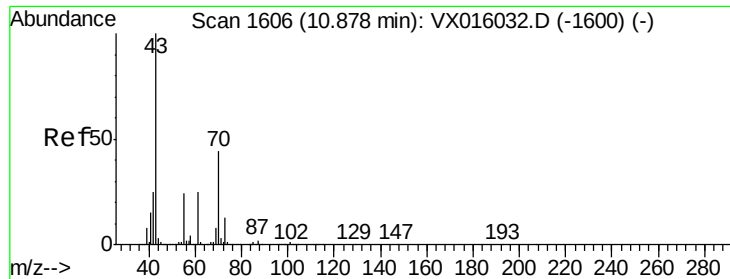
Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Tgt Ion:	105	Resp:	658677
Ion Ratio	Lower	Upper	
105	100		
120	26.6	13.4	40.2





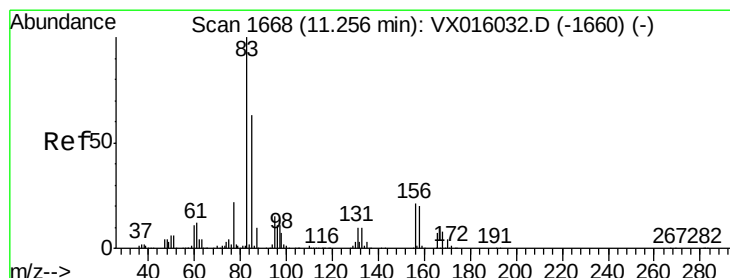
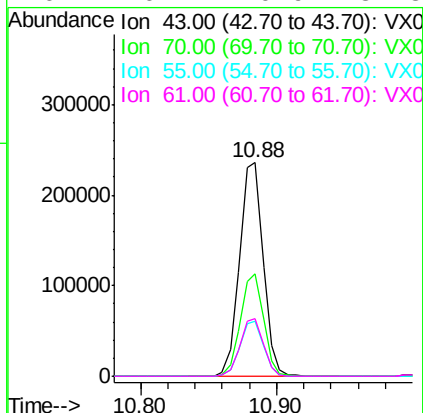
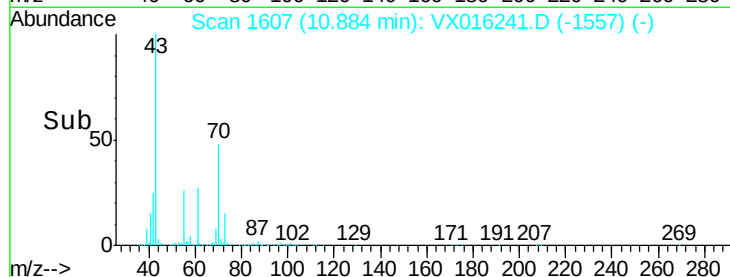
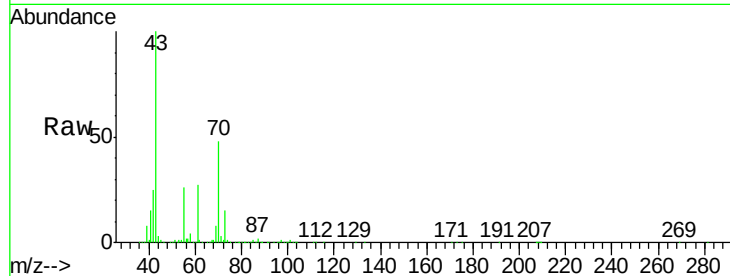
#74
N-amvl acetate
Concen: 42.738 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	47.1	36.5	54.7	
55	25.9	19.7	29.5	
61	26.7	20.9	31.3	

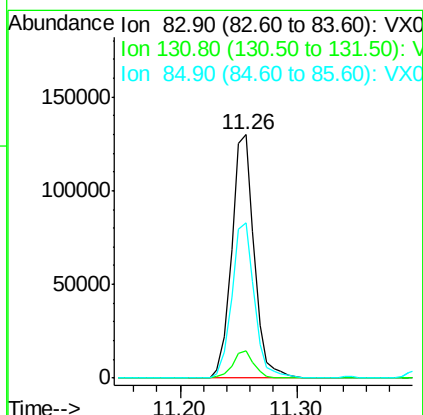
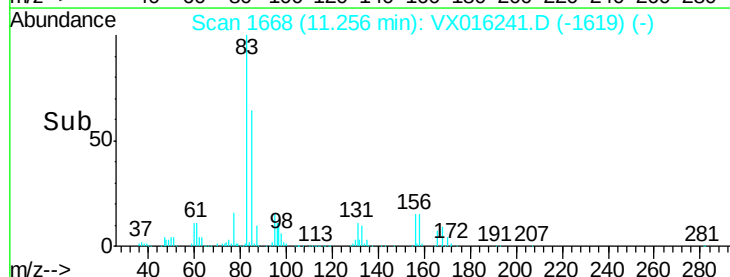
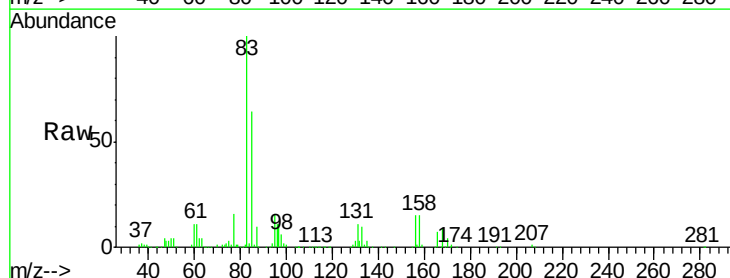
Manual Integrations
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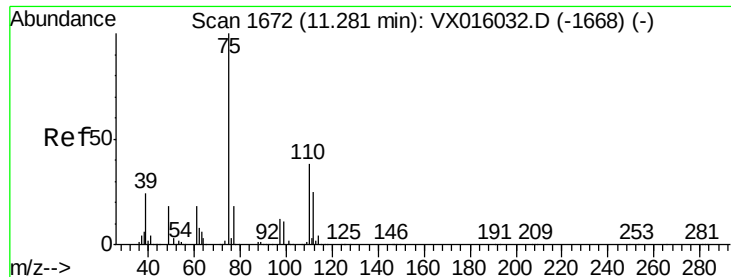
MMDadoda
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#75
1,1,2,2-Tetrachloroethane
Concen: 60.538 ug/l
RT: 11.26 min Scan# 1668
Delta R.T. 0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.5	5.1	15.4	
85	64.4	32.0	96.0	





#76

1,2,3-Trichloropropane

Concen: 47.716 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MS

Tot Ion: 75 Resp: 212517

Ion Ratio Lower Upper

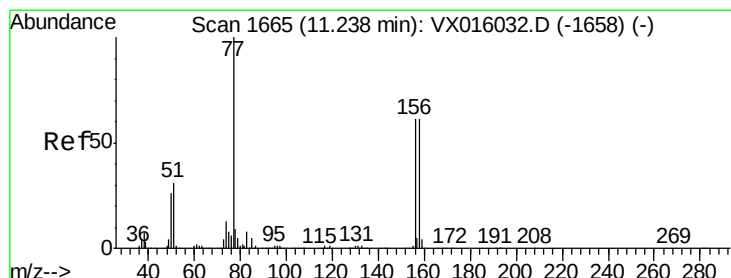
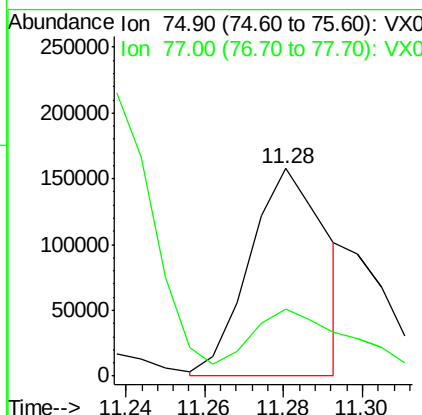
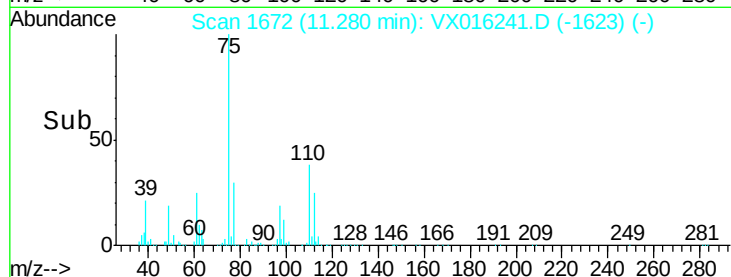
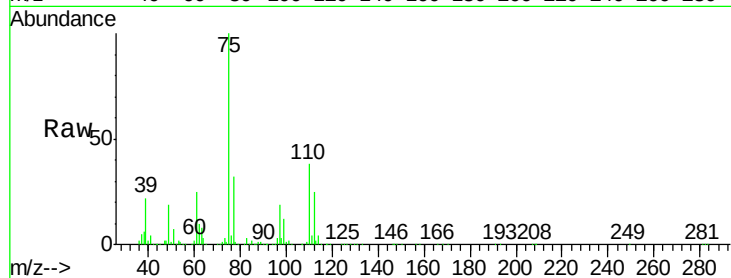
75 100

77 43.0 21.2 63.6

Manual Integrations
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#77

Bromobenzene

Concen: 46.109 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

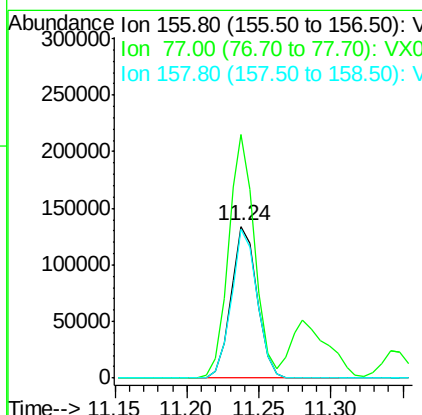
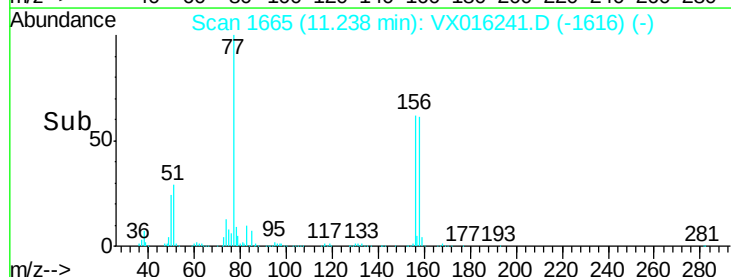
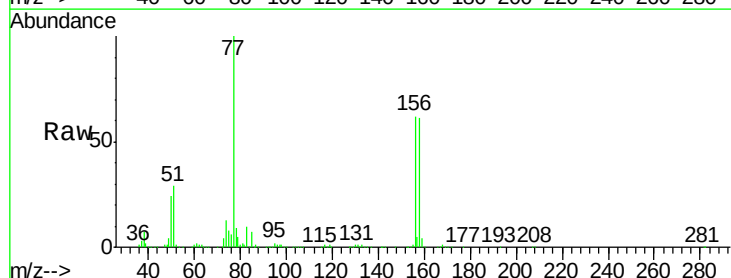
Tgt Ion: 156 Resp: 169897

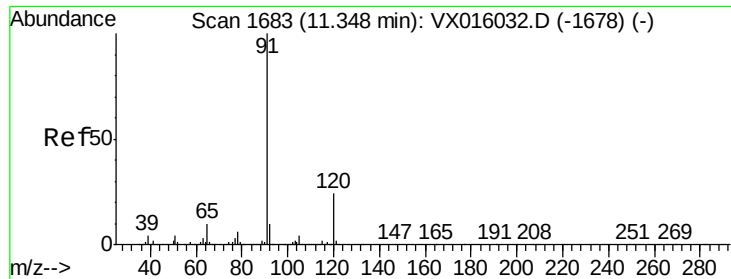
Ion Ratio Lower Upper

156 100

77 160.6 80.1 240.3

158 97.3 49.4 148.2





#78

n-propylbenzene

Concen: 45.919 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MS

Tot Ion: 91 Resp: 762581

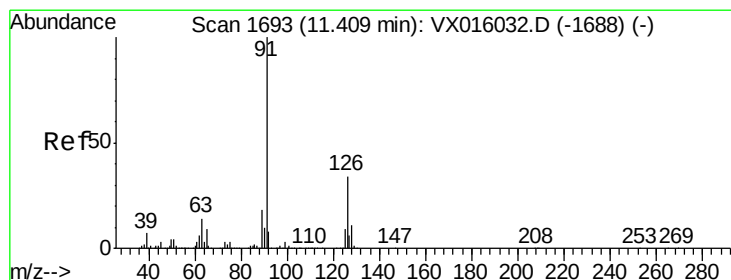
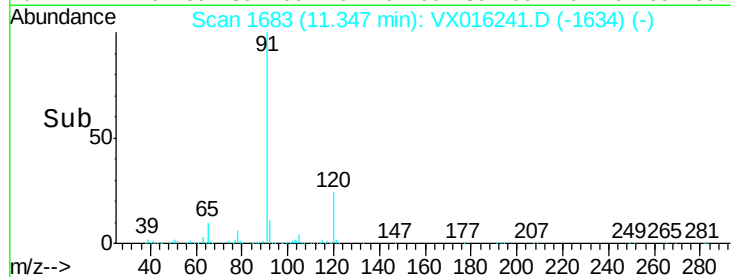
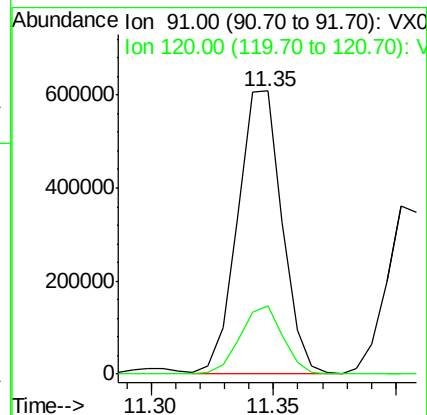
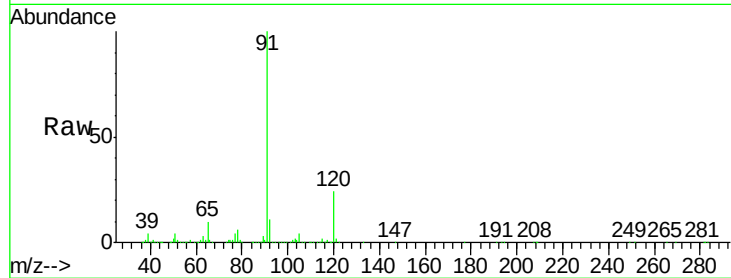
Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.5

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#79

2-Chlorotoluene

Concen: 46.376 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016241.D

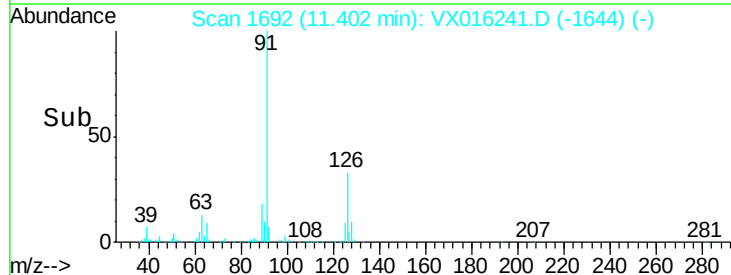
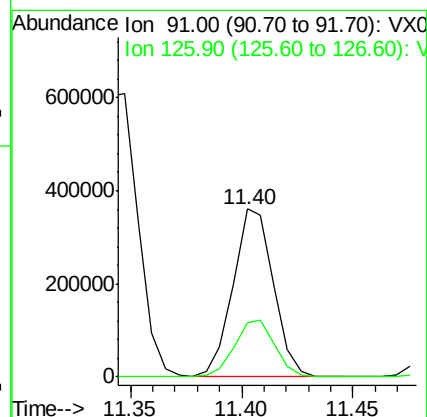
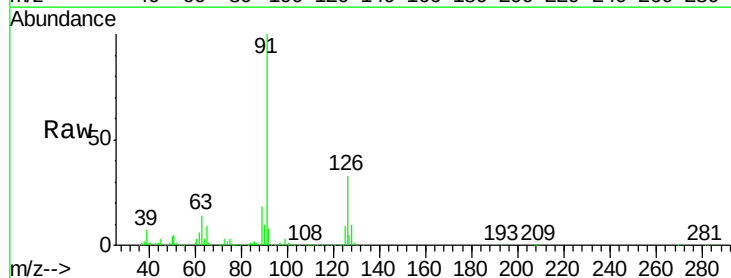
Acq: 14 May 2020 19:02

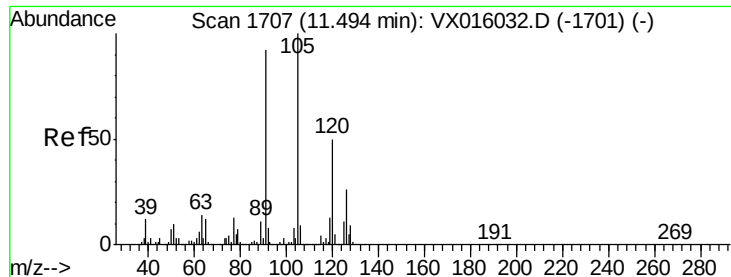
Tgt Ion: 91 Resp: 454613

Ion Ratio Lower Upper

91 100

126 34.1 16.9 50.6





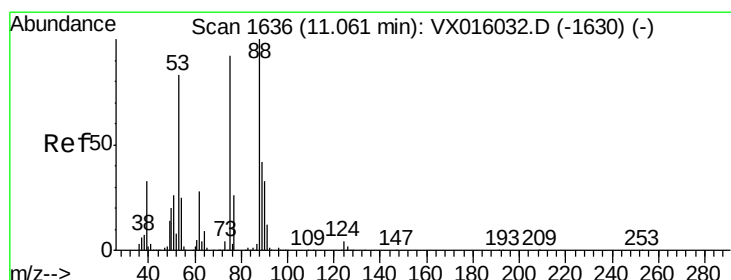
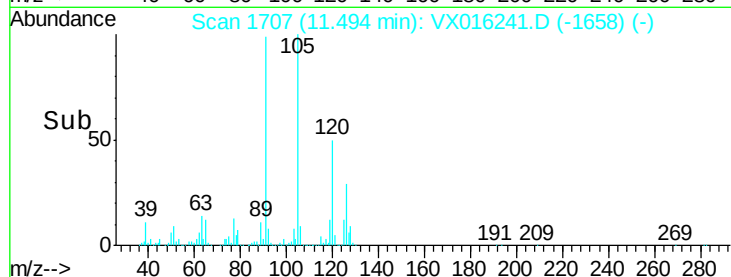
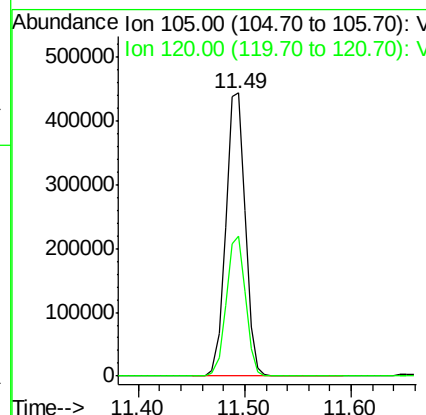
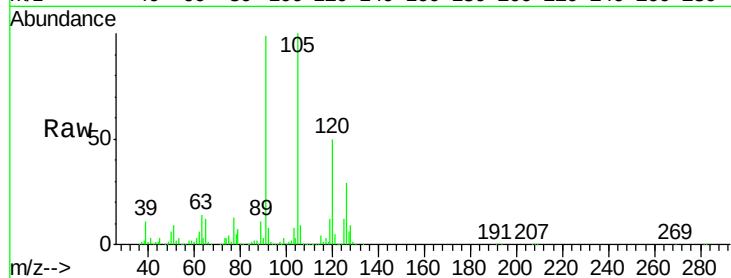
#80
 1,3,5-Trimethylbenzene
 Concen: 46.957 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.6	74.0

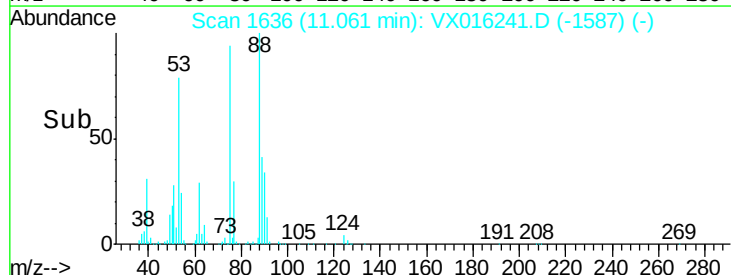
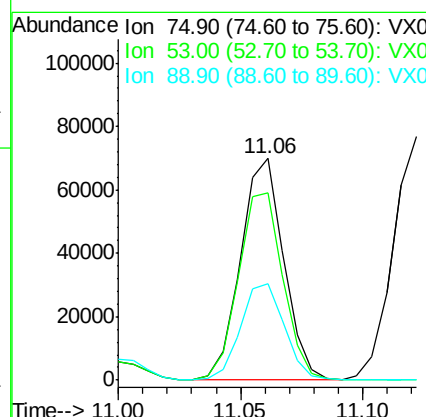
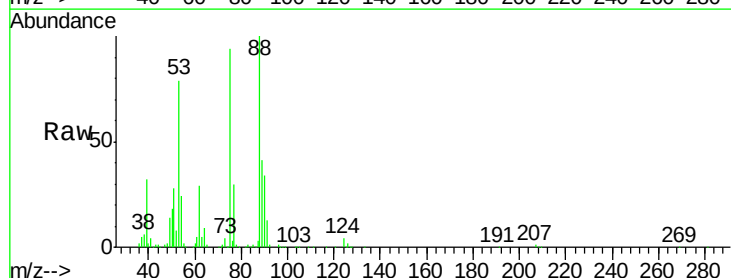
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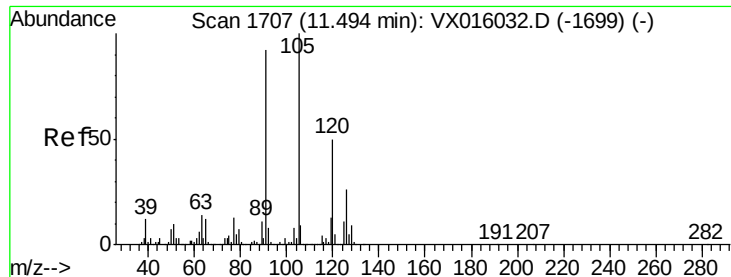
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.708 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	87.7	73.1	109.7
89	44.6	36.7	55.1





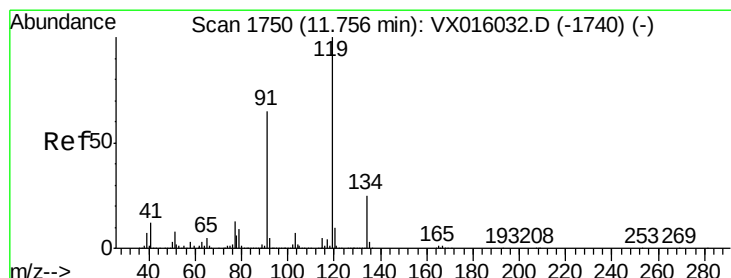
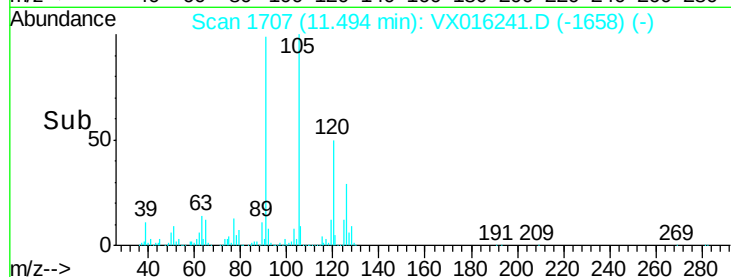
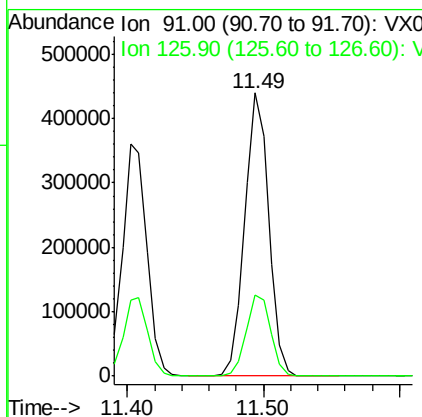
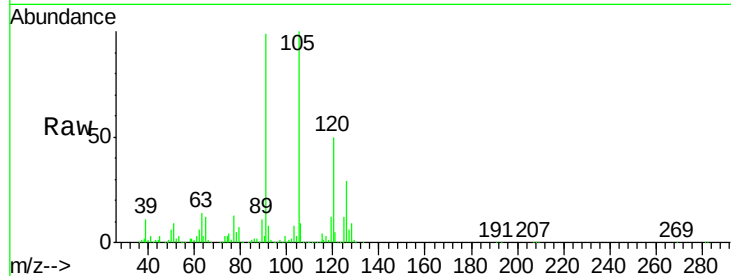
#82
4-Chlorotoluene
Concen: 46.921 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MS

Tot Ion	Ratio	Resp	Lower	Upper
91	100	543154		
126	29.5	14.8	44.3	

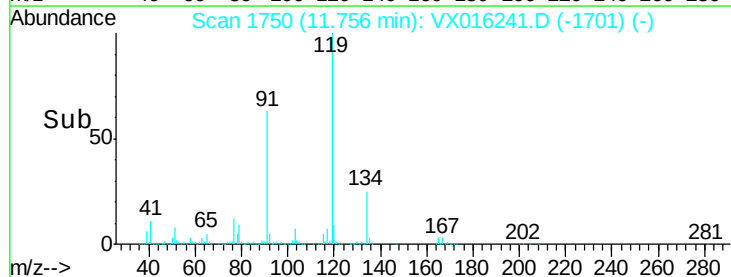
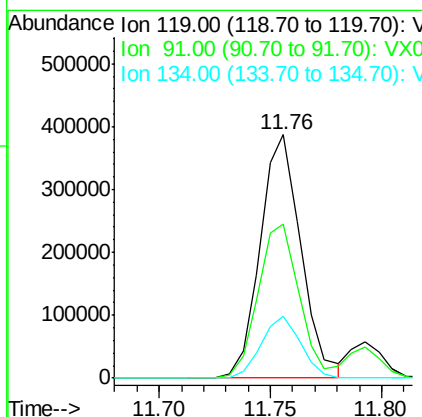
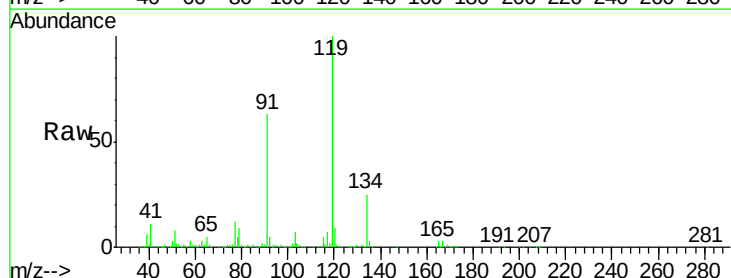
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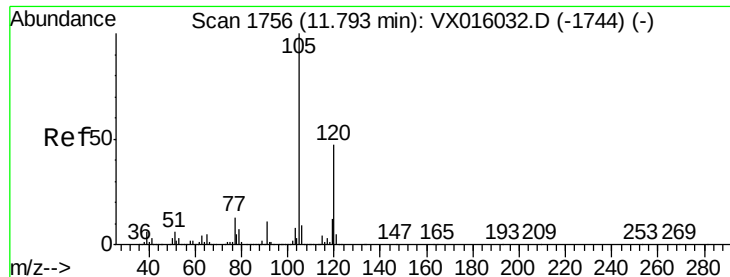
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#83
tert-Butylbenzene
Concen: 47.369 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016241.D
Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	492041		
91	63.3	32.8	98.4	
134	24.5	12.4	37.0	





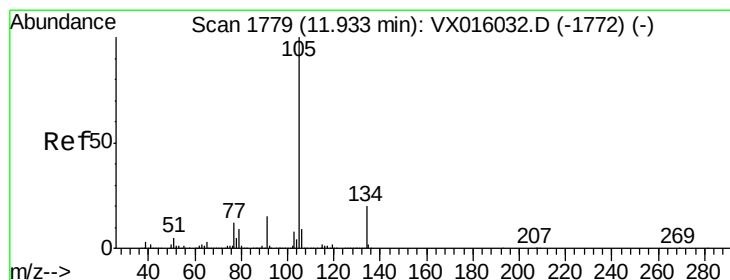
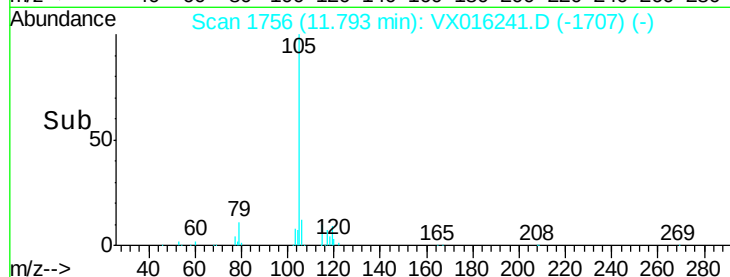
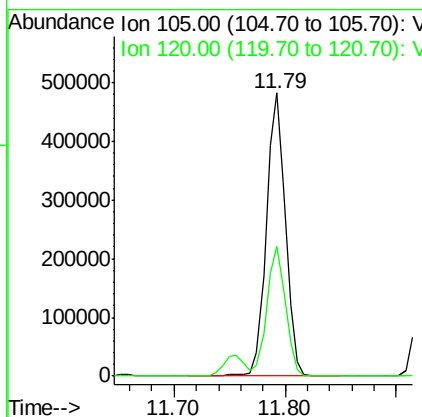
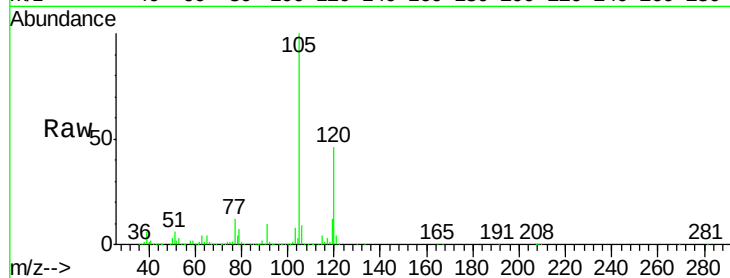
#84
 1,2,4-Trimethylbenzene
 Concen: 47.497 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MS

Tot Ion	Ratio	Resp	Lower	Upper
105	100	578785		
120	45.1	23.0	69.0	

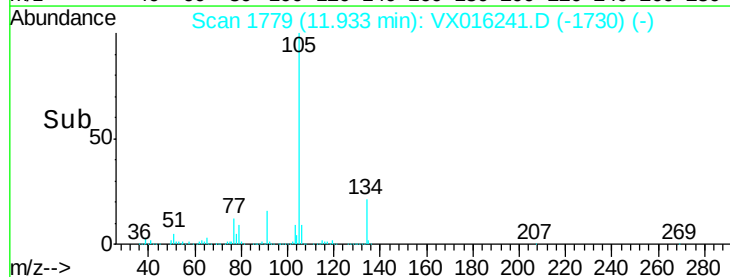
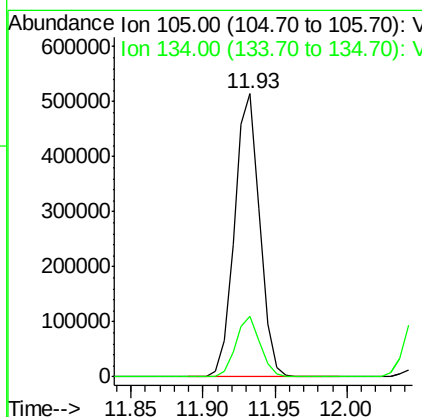
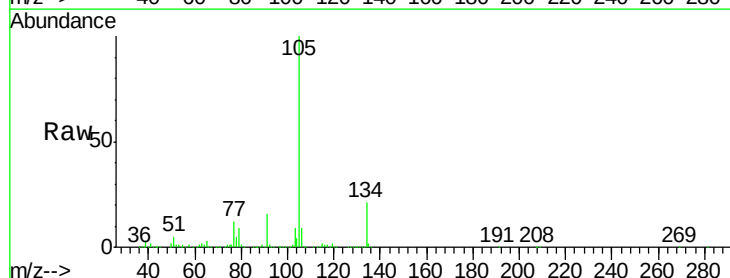
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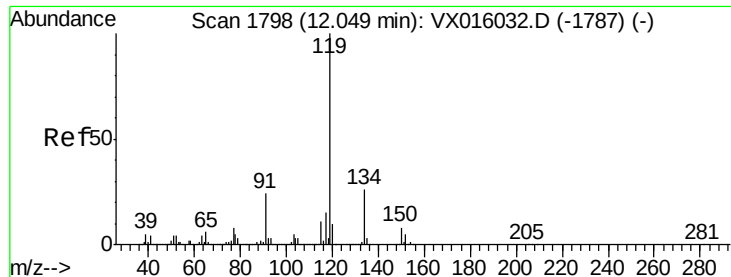
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#85
 sec-Butylbenzene
 Concen: 44.717 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	627150		
134	20.7	10.1	30.3	





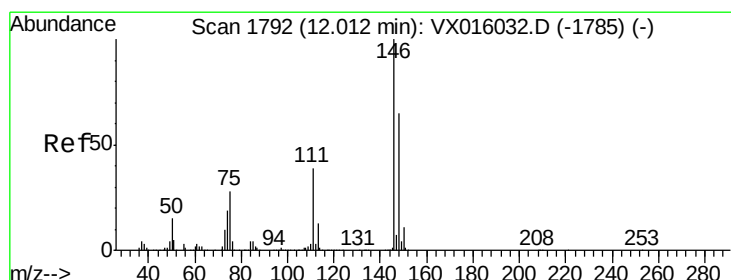
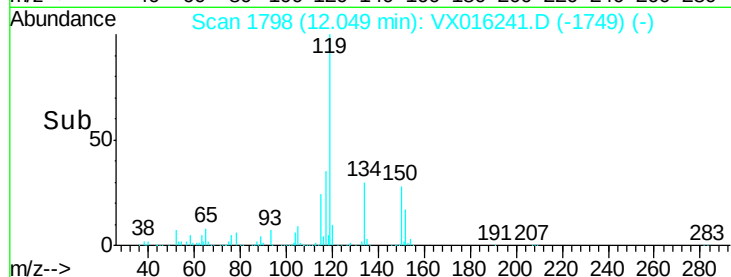
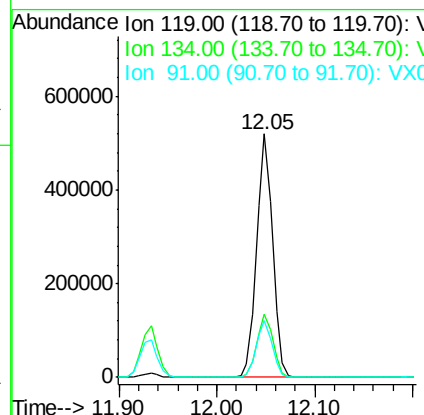
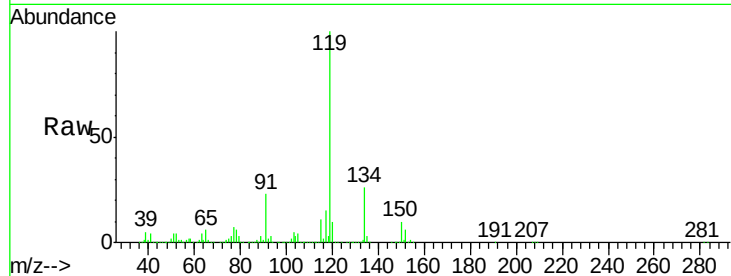
#86
 p-Isopropyltoluene
 Concen: 45.217 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	588785		
134	26.2		13.1	39.3
91	23.4		11.8	35.4

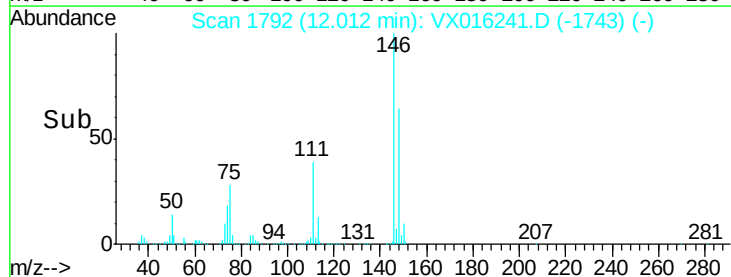
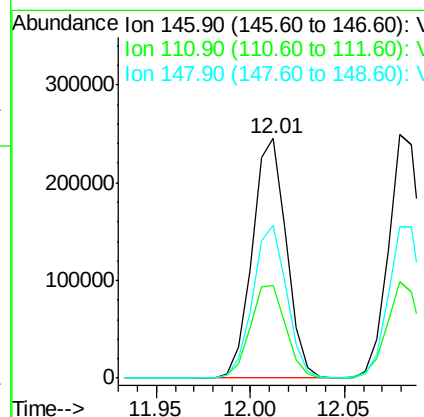
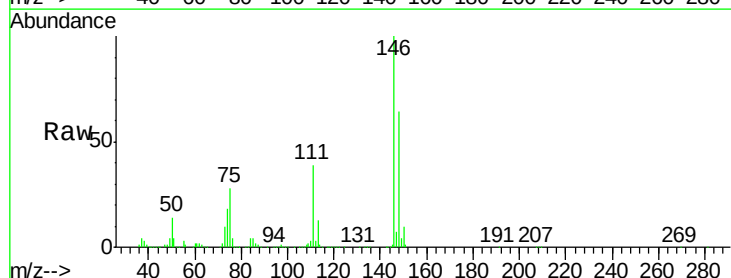
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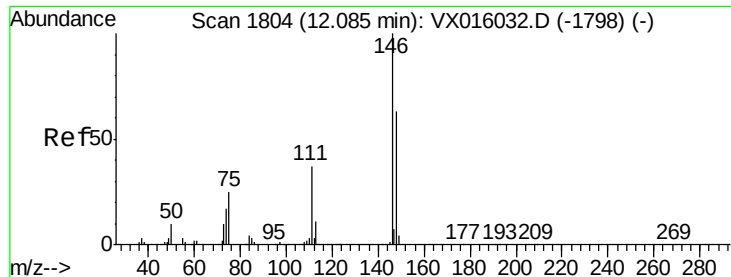
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#87
 1,3-Dichlorobenzene
 Concen: 46.351 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	306664		
111	40.2		20.2	60.6
148	63.4		32.1	96.3





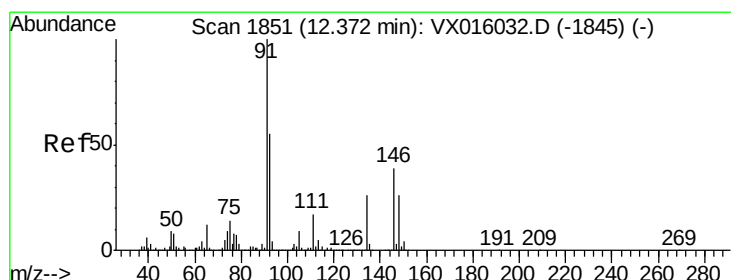
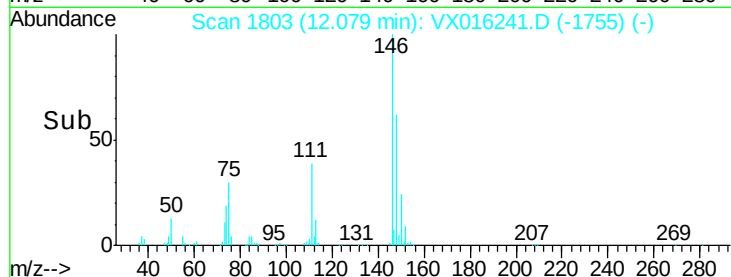
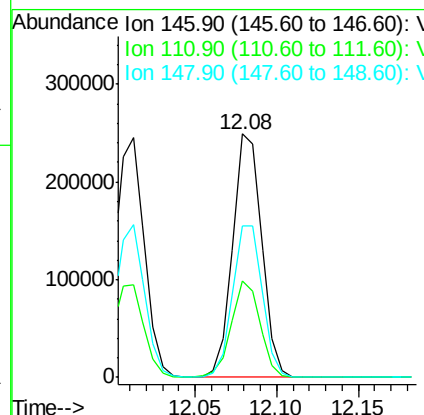
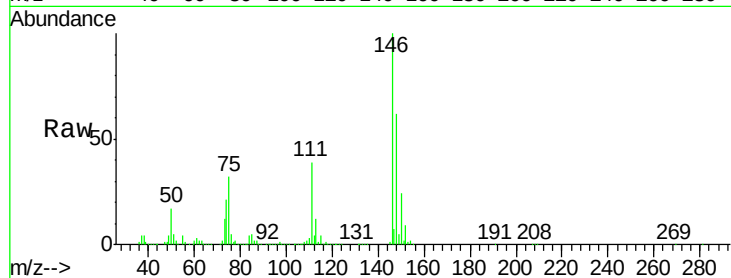
#88
 1,4-Dichlorobenzene
 Concen: 45.930 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	308426		
111	39.2	19.6	58.7	
148	63.8	31.8	95.3	

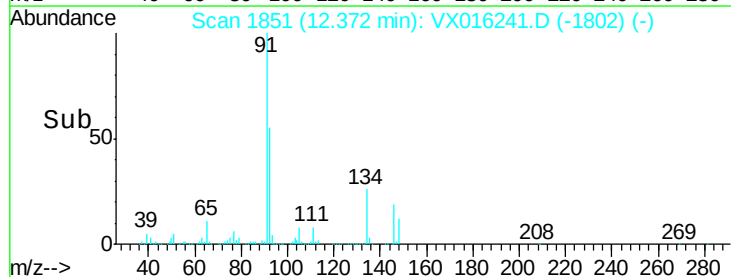
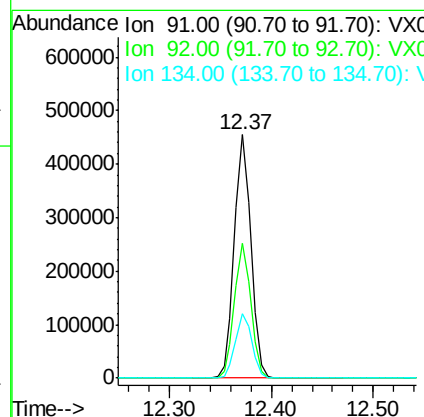
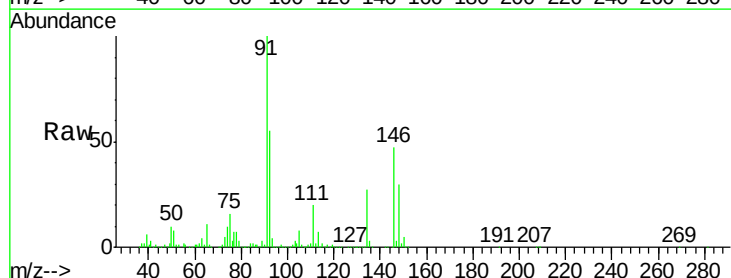
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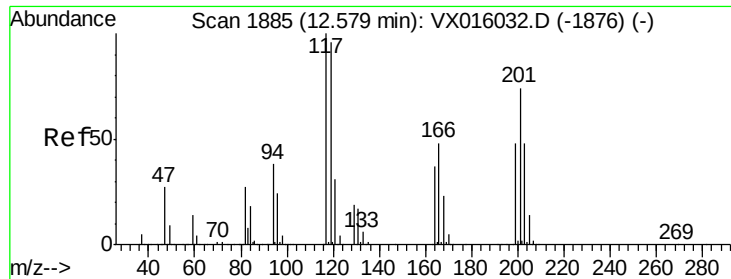
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#89
 n-Butylbenzene
 Concen: 42.774 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	508828		
92	54.8	27.6	82.7	
134	26.6	13.4	40.1	





#90

Hexachloroethane

Concen: 47.526 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MS

Tot Ion:117 Resp: 106282

Ion Ratio Lower Upper

117 100

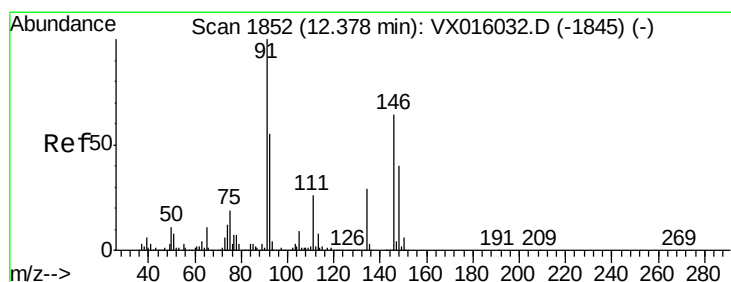
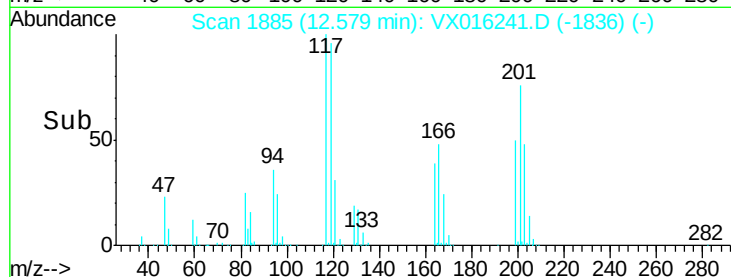
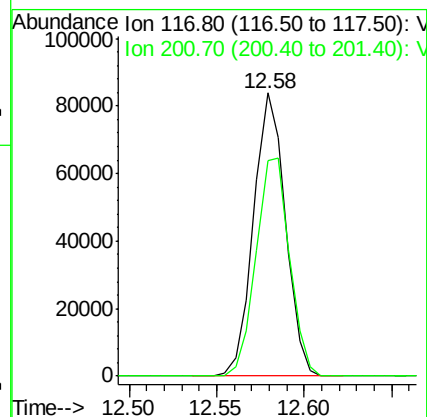
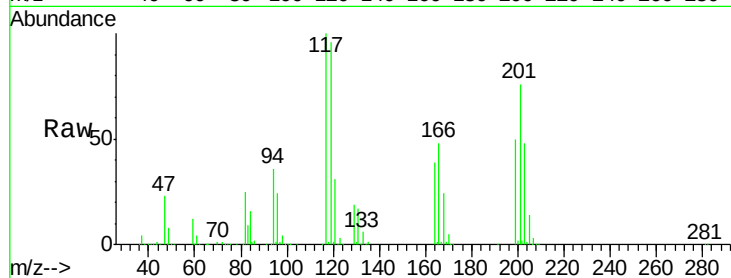
201 81.2 39.8 119.3

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#91

1,2-Dichlorobenzene

Concen: 46.619 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

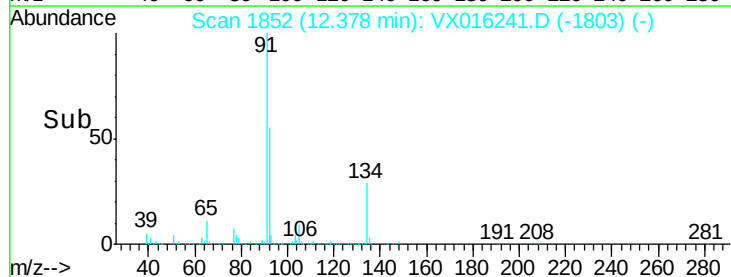
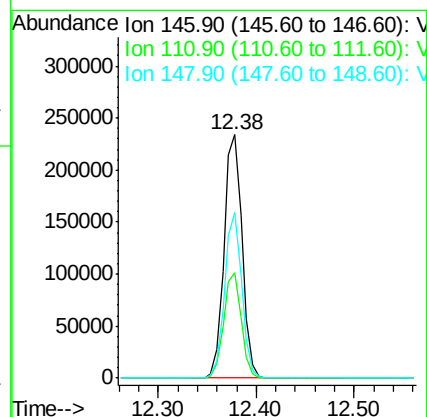
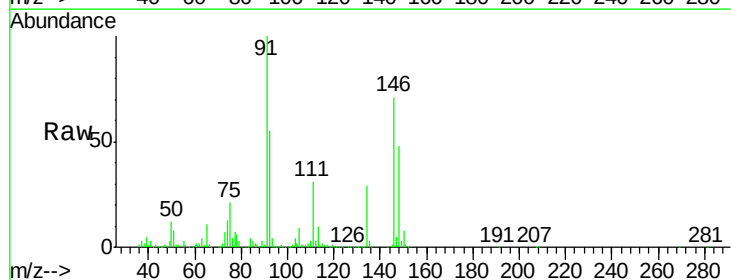
Tgt Ion:146 Resp: 296992

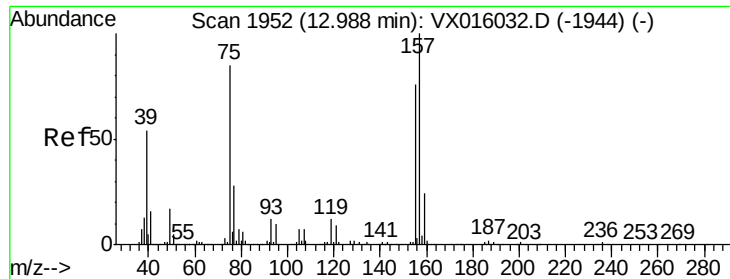
Ion Ratio Lower Upper

146 100

111 42.4 21.1 63.1

148 65.1 32.4 97.0





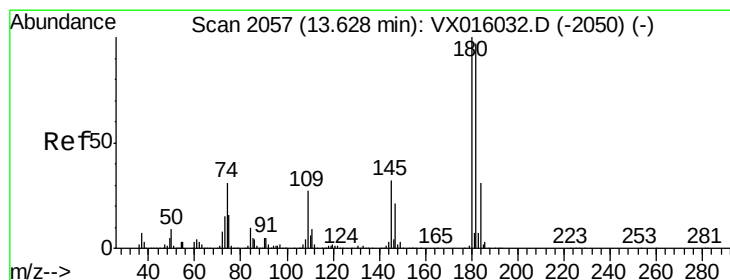
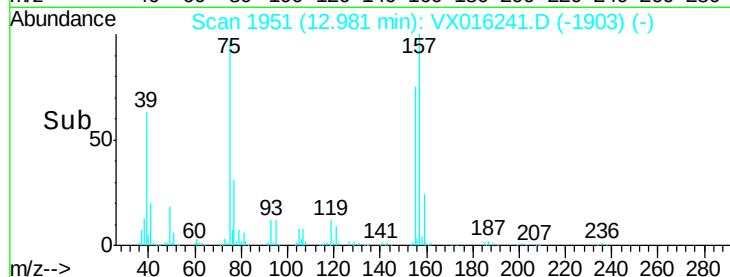
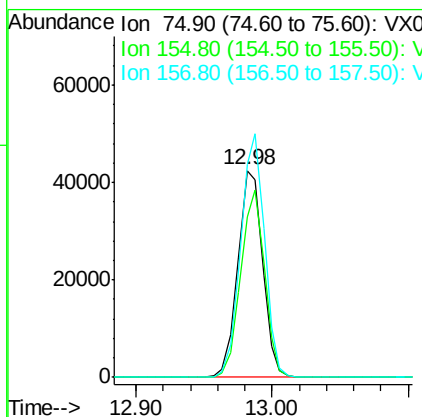
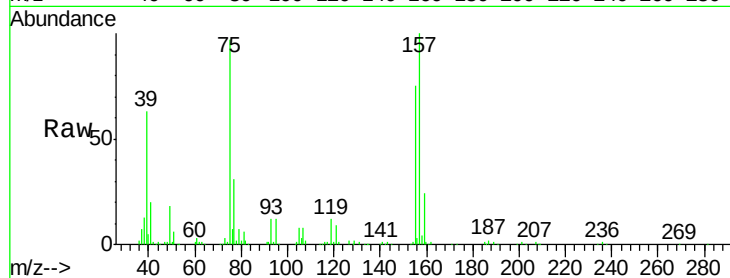
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.843 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	87.3	42.5	127.5
157	113.2	55.3	165.8

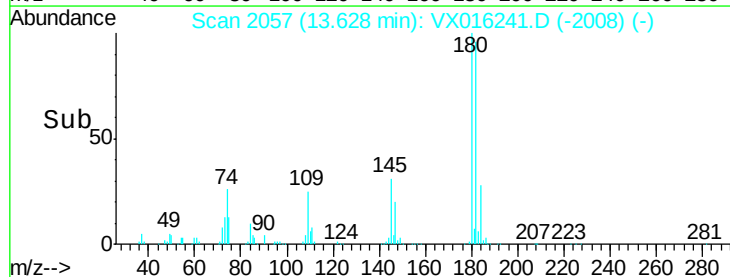
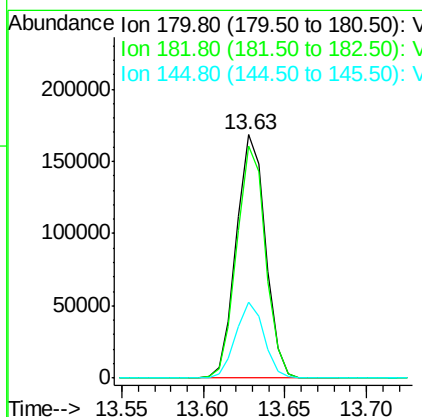
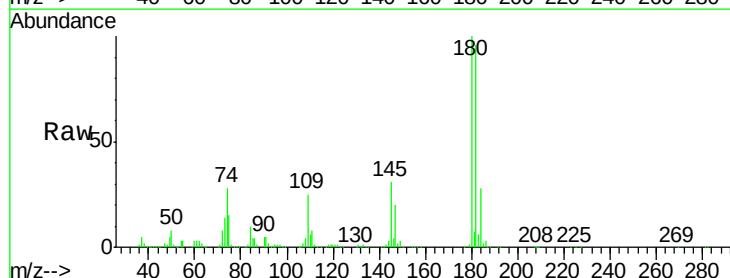
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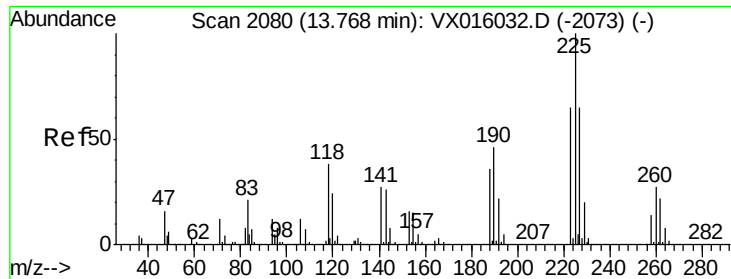
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#93
 1,2,4-Trichlorobenzene
 Concen: 44.526 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.7	146.1
145	30.4	15.7	47.1





#94

Hexachlorobutadiene

Concen: 37.425 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Instrument :

MSVOA_X

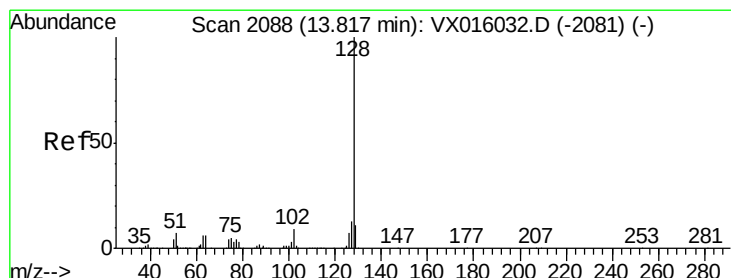
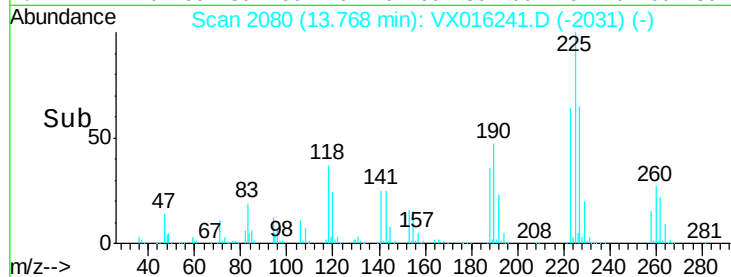
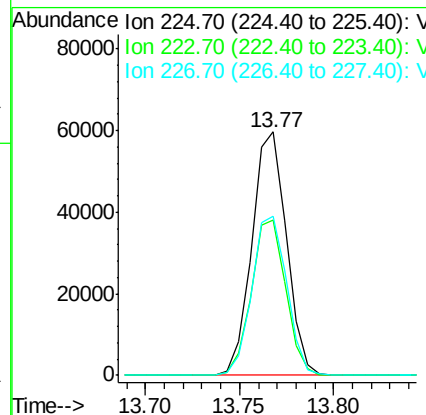
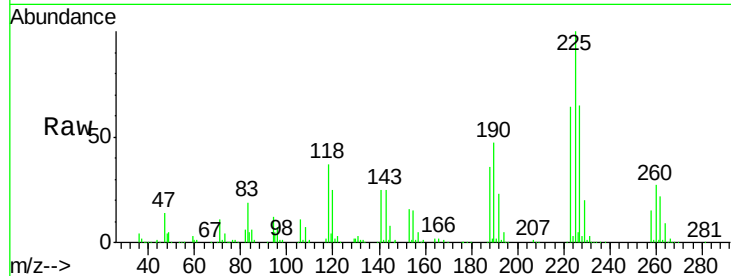
ClientSampleId :

SS052MW098-200513MS

Tot Ion:	225	Resp:	75737
Ion Ratio	Lower	Upper	
225	100		
223	63.5	32.3	96.9
227	65.9	31.8	95.4

Manual Integrations
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#95

Naphthalene

Concen: 46.600 ug/l

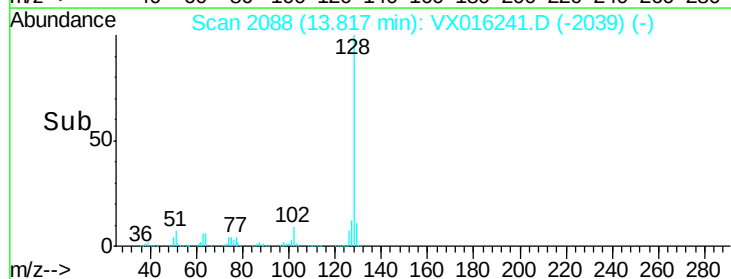
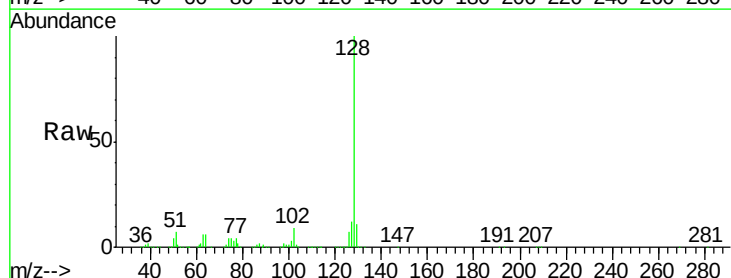
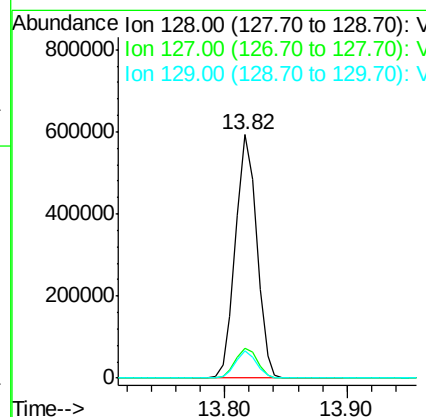
RT: 13.82 min Scan# 2088

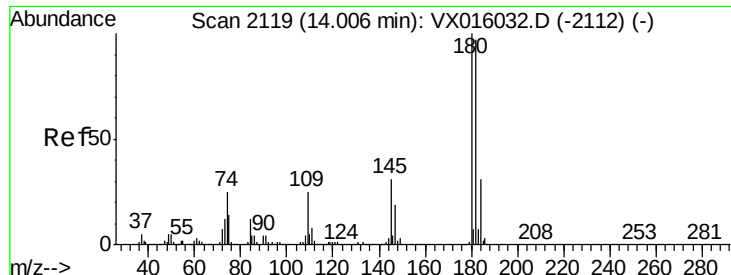
Delta R.T. -0.00 min

Lab File: VX016241.D

Acq: 14 May 2020 19:02

Tgt Ion:	128	Resp:	711684
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.9	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 45.355 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016241.D
 Acq: 14 May 2020 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.3	48.4	145.0
145	31.5	16.4	49.1

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 12:29:07 PM

