

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016244.D
 Acq On : 14 May 2020 20:10
 Operator : JC/SP
 Sample : L2643-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MSD

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 12:29:23 PM

Quant Time: May 15 04:24:39 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	5.63	168	244223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	405994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	375674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197174	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	151362	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	
35) Dibromofluoromethane	5.46	113	122274	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
50) Toluene-d8	8.70	98	480041	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.12	95	187278	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	129381	50.050	ug/l	99
3) Chloromethane	1.31	50	139106	46.336	ug/l	100
4) Vinyl Chloride	1.39	62	150550	47.004	ug/l	100
5) Bromomethane	1.62	94	69917	43.299	ug/l	98
6) Chloroethane	1.70	64	92549	47.490	ug/l	98
7) Trichlorofluoromethane	1.91	101	196305	46.684	ug/l	99
8) Diethyl Ether	2.17	74	82541	46.588	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	114846	47.340	ug/l	99
10) Methyl Iodide	2.49	142	127896	39.248	ug/l	99
11) Tert butyl alcohol	3.03	59	189491	233.171	ug/l	100
12) 1,1-Dichloroethene	2.36	96	117008	46.089	ug/l	96
13) Acrolein	2.27	56	135379	266.211	ug/l	98
14) Allyl chloride	2.70	41	209689	45.047	ug/l	95
15) Acrylonitrile	3.12	53	411181	243.896	ug/l	99
16) Acetone	2.42	43	327203	228.185	ug/l	95
17) Carbon Disulfide	2.55	76	334342	43.829	ug/l	99
18) Methyl Acetate	2.75	43	169133	47.971	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	436816	49.912	ug/l	99
20) Methylene Chloride	2.83	84	137505	46.517	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	134785	47.643	ug/l	97
22) Diisopropyl ether	3.82	45	418101	47.611	ug/l	96
23) Vinyl Acetate	3.79	43	1770123	229.112	ug/l	99
24) 1,1-Dichloroethane	3.67	63	243038	49.474	ug/l	100
25) 2-Butanone	4.64	43	554909	240.153	ug/l	99
26) 2,2-Dichloropropane	4.55	77	190007	42.353	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	169769	54.890	ug/l	95
28) Bromochloromethane	4.98	49	101723	45.412	ug/l	96
29) Tetrahydrofuran	5.09	42	368302	240.557	ug/l	98
30) Chloroform	5.18	83	245517	50.196	ug/l	100
31) Cyclohexane	5.55	56	208973	46.808	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	218668	49.183	ug/l	99
36) 1,1-Dichloropropene	5.77	75	184105	46.067	ug/l	99
37) Ethyl Acetate	4.79	43	206784	44.643	ug/l	98
38) Carbon Tetrachloride	5.75	117	190399	46.872	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	207113	43.034	ug/l	99
40) Benzene	6.12	78	559641	47.860	ug/l	99
41) Methacrylonitrile	5.01	41	117181	46.844	ug/l	98
42) 1,2-Dichloroethane	6.17	62	193974	46.049	ug/l	99
43) Isopropyl Acetate	6.42	43	335545	45.402	ug/l	98
44) Trichloroethene	7.19	130	198832	47.863	ug/l	98
45) 1,2-Dichloropropane	7.49	63	144824	48.947	ug/l	99
46) Dibromomethane	7.64	93	95400	47.445	ug/l	99
47) Bromodichloromethane	7.88	83	200936	49.067	ug/l	98
48) Methyl methacrylate	7.75	41	159516	45.550	ug/l	94
49) 1,4-Dioxane	7.71	88	76719	913.442	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1082622	239.383	ug/l	98
52) Toluene	8.77	92	353559	48.508	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	231069	47.324	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	241000	47.255	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	143066	49.890	ug/l	99
56) Ethyl methacrylate	9.16	69	234014	49.994	ug/l	94
57) 1,3-Dichloropropane	9.35	76	244226	48.809	ug/l	100
59) 2-Hexanone	9.48	43	842715	237.273	ug/l	97
60) Dibromochloromethane	9.57	129	160470	50.809	ug/l	99
61) 1,2-Dibromoethane	9.65	107	152034	48.946	ug/l	100
64) Tetrachloroethene	9.32	164	202090	43.819	ug/l	99
65) Chlorobenzene	10.12	112	375562	47.744	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	145025	49.881	ug/l	99
67) Ethyl Benzene	10.24	91	669866	47.727	ug/l	99
68) m/p-Xylenes	10.34	106	513527	97.657	ug/l	100
69) o-Xylene	10.68	106	248221	49.107	ug/l	100
70) Styrene	10.70	104	420333	49.017	ug/l	99
71) Bromoform	10.84	173	126431	53.374	ug/l #	100
73) Isopropylbenzene	11.00	105	662351	46.185	ug/l	99
74) N-amyl acetate	10.88	43	291577	43.588	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	177105	61.140	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	212092m	47.402	ug/l	
77) Bromobenzene	11.24	156	170630	46.095	ug/l	99
78) n-propylbenzene	11.35	91	759260	45.508	ug/l	100
79) 2-Chlorotoluene	11.41	91	460316	46.742	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	567942	46.903	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	85803	45.700	ug/l	97
82) 4-Chlorotoluene	11.49	91	539902	46.426	ug/l	99
83) tert-Butylbenzene	11.76	119	495484	47.482	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	575915	47.045	ug/l	99
85) sec-Butylbenzene	11.93	105	629205	44.658	ug/l	99
86) p-Isopropyltoluene	12.05	119	592260	45.275	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	305944	46.030	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	310010	45.954	ug/l	100
89) n-Butylbenzene	12.37	91	510460	42.714	ug/l	100
90) Hexachloroethane	12.58	117	104256	46.406	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	295931	46.239	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54397	46.129	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	210903	44.510	ug/l	97

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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	75403	37.093	ug/l	99
95) Naphthalene	13.82	128	722111	47.066	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	208718	45.072	ug/l	98

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



#1

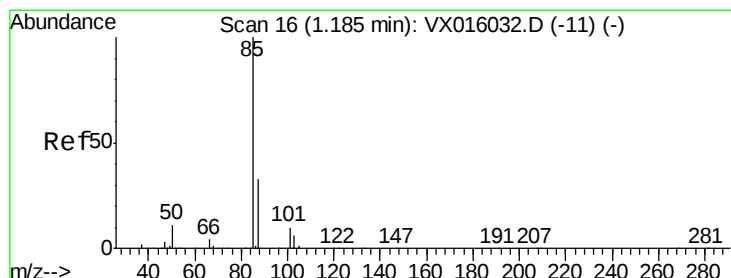
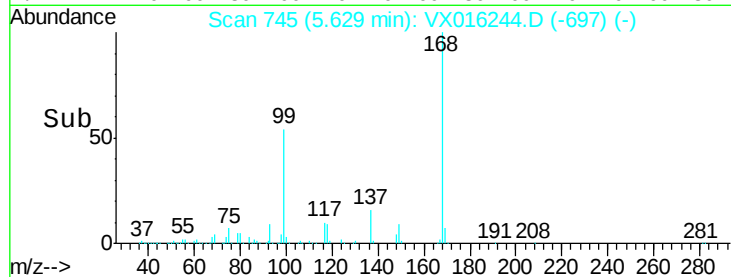
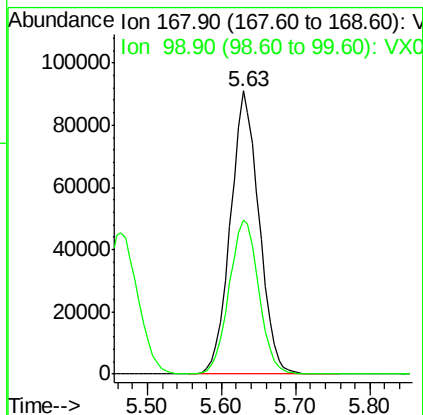
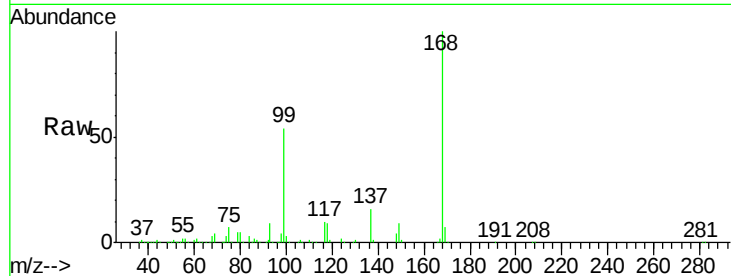
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
168	100		
99	54.3	45.0	67.4

Manual Integrations
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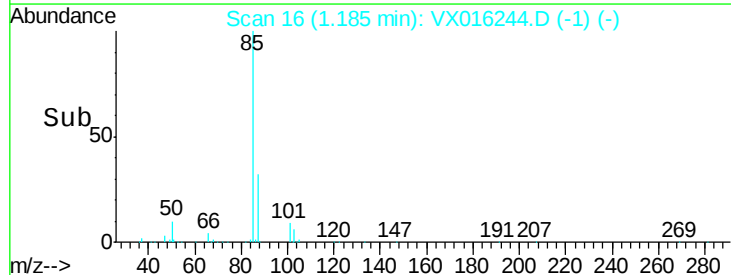
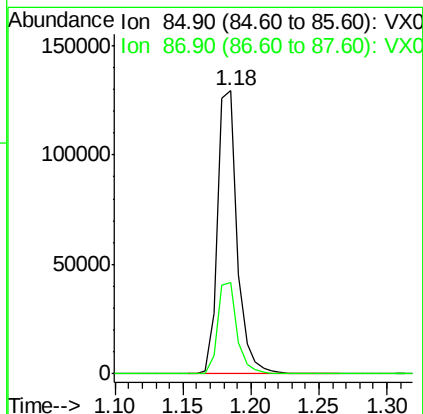
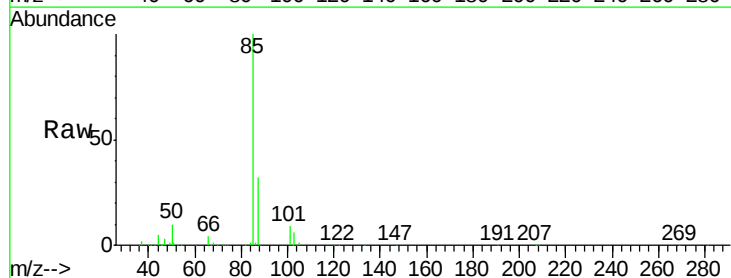
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#2

Dichlorodifluoromethane
Concen: 50.050 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.4	49.1





#3

Chloromethane

Concen: 46.336 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MSD

Tot Ion: 50 Resp: 139106

Ion Ratio Lower Upper

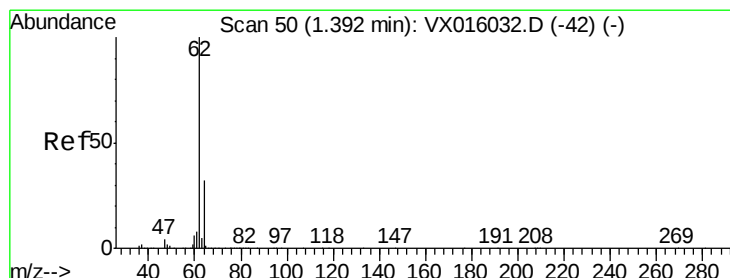
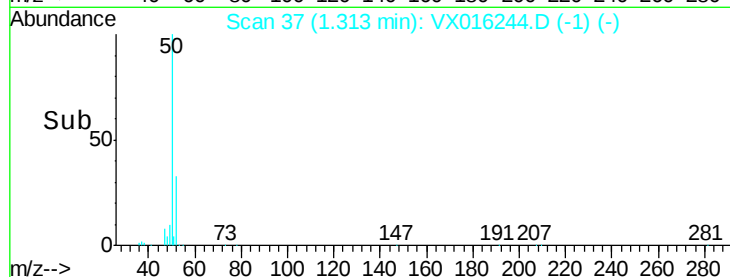
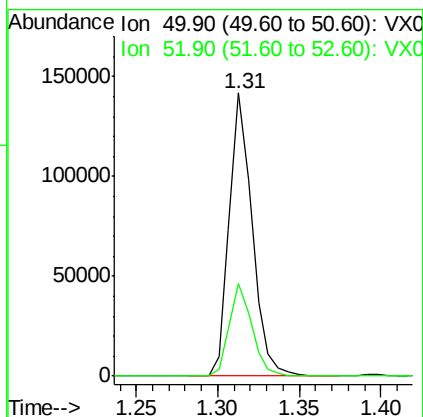
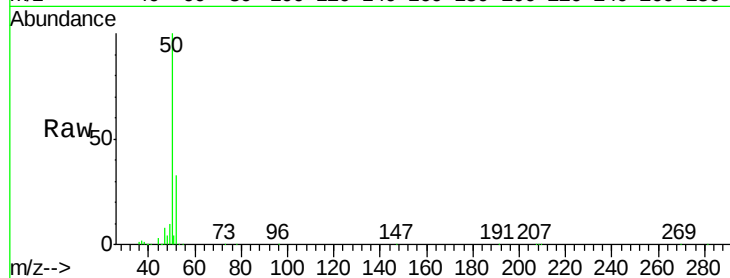
50 100

52 32.8 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 47.004 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016244.D

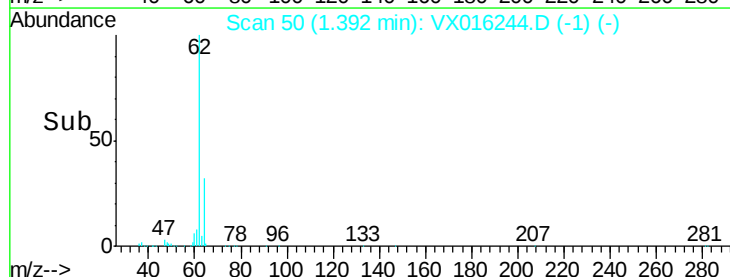
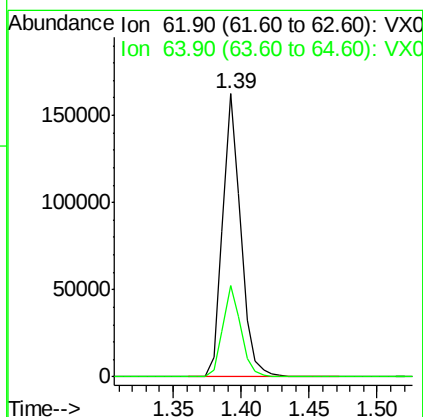
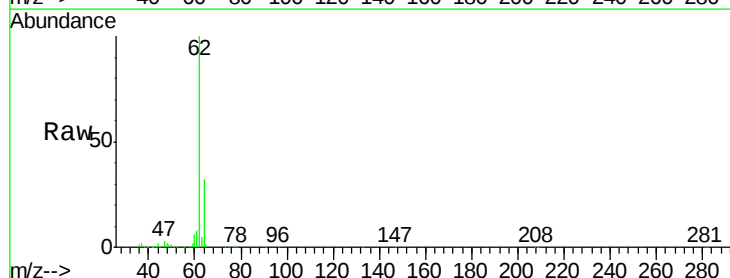
Acq: 14 May 2020 20:10

Tgt Ion: 62 Resp: 150550

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 43.299 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MSD

Tot Ion: 94 Resp: 69917

Ion Ratio Lower Upper

94 100

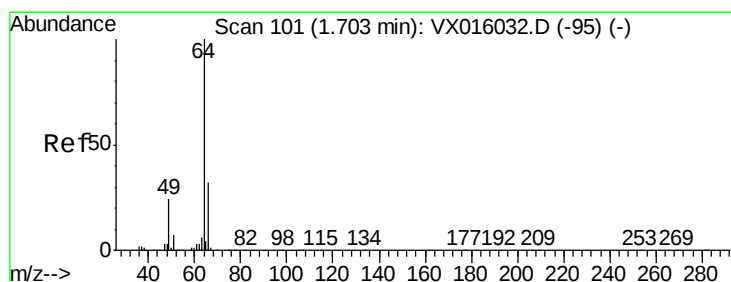
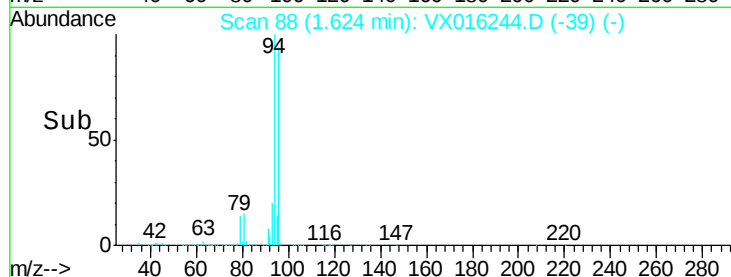
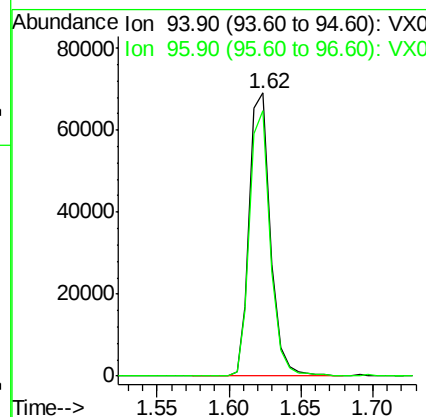
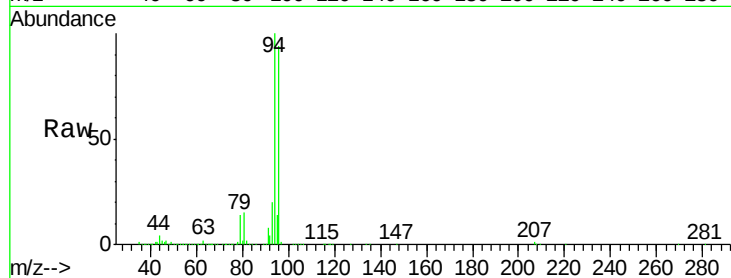
96 93.9 76.9 115.3

Manual Integrations

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#6

Chloroethane

Concen: 47.490 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016244.D

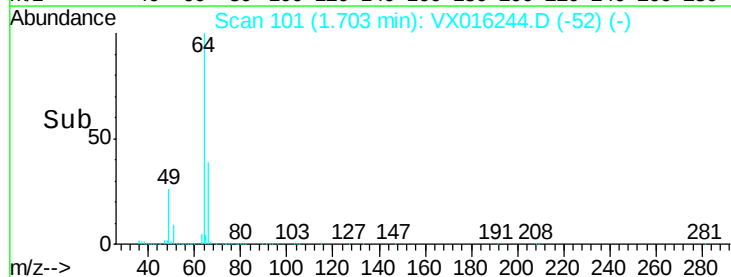
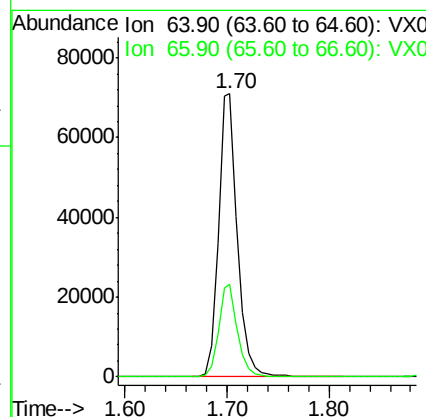
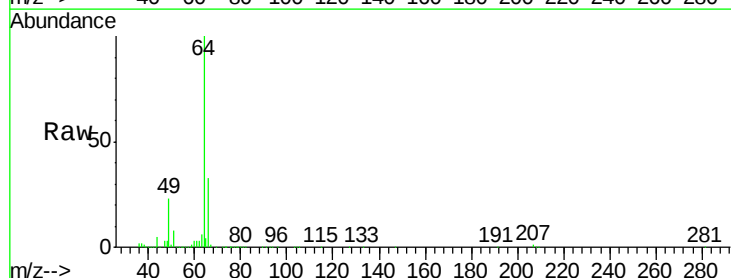
Acq: 14 May 2020 20:10

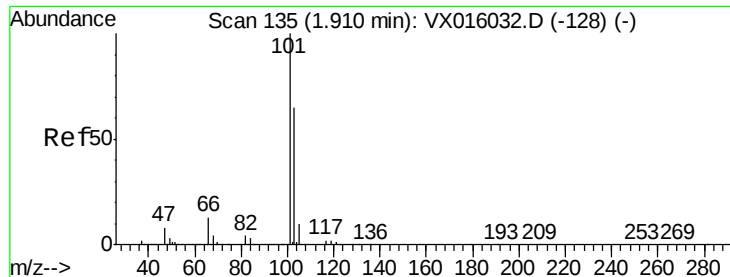
Tgt Ion: 64 Resp: 92549

Ion Ratio Lower Upper

64 100

66 32.8 25.2 37.8





#7

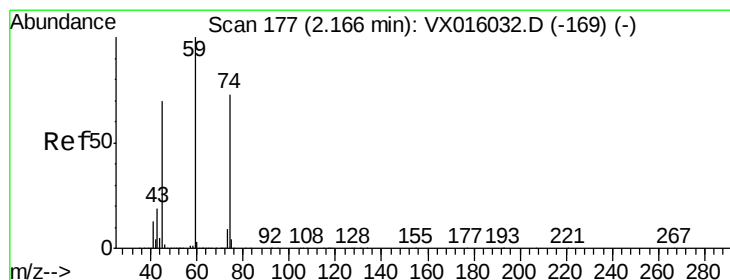
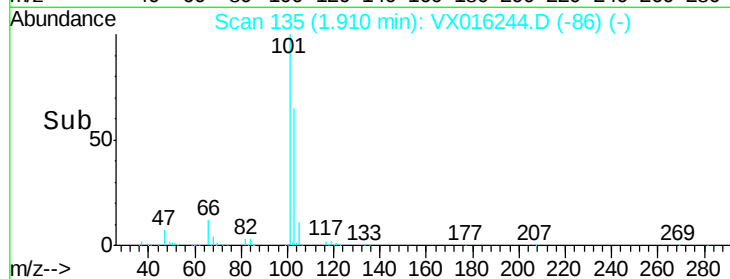
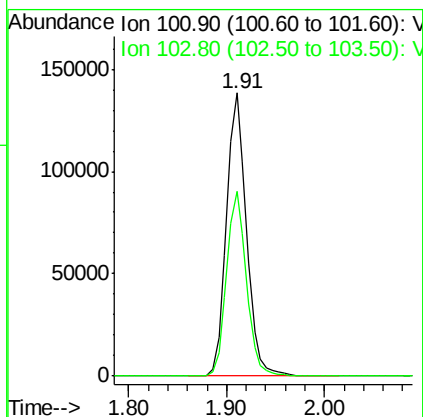
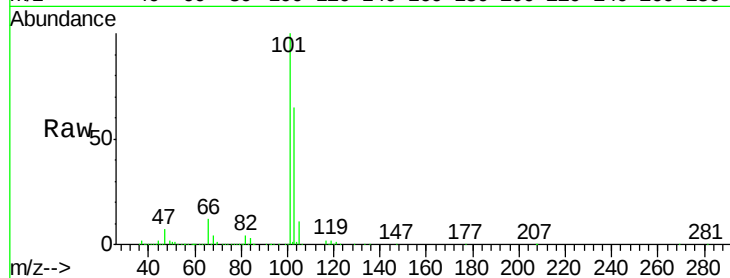
Trichlorofluoromethane
Concen: 46.684 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016244.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.8	77.6

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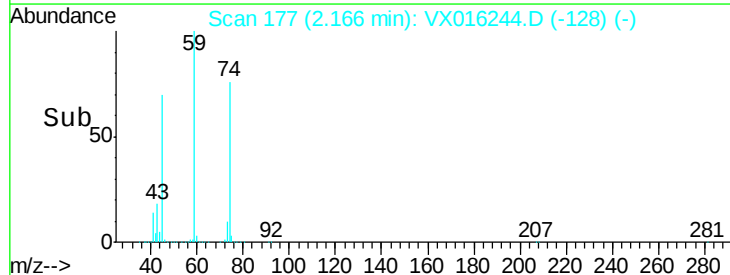
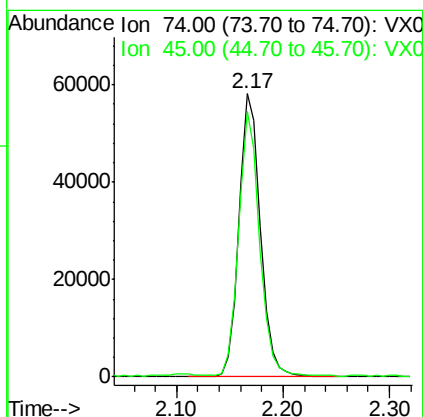
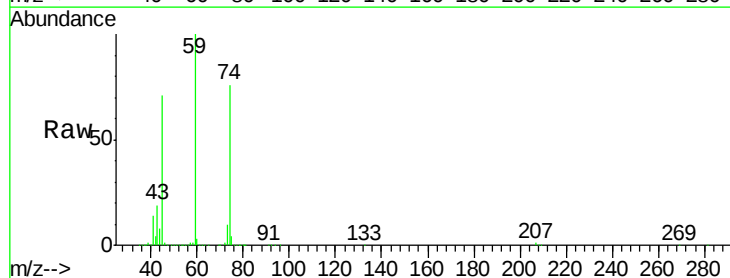
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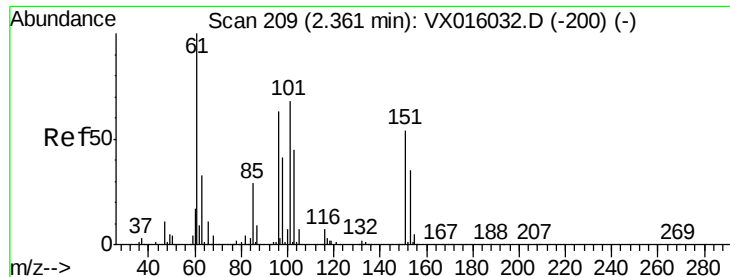


#8

Diethyl Ether
Concen: 46.588 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.0	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.340 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

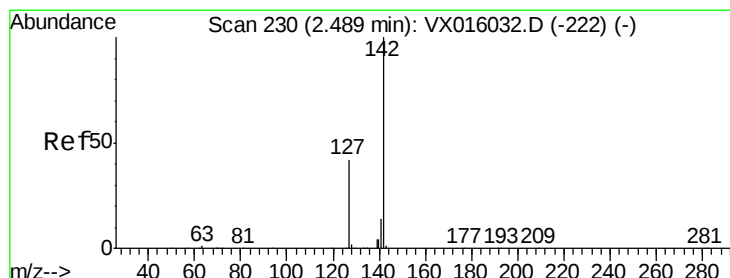
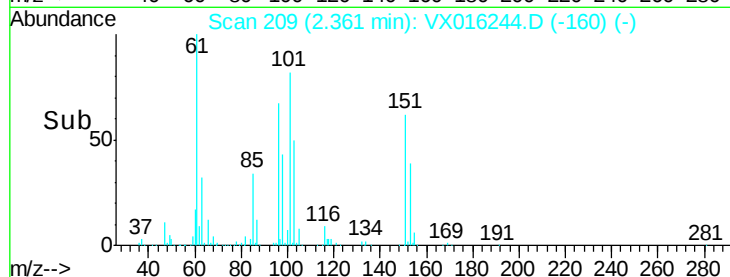
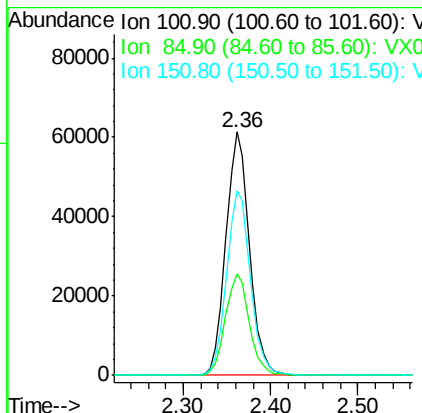
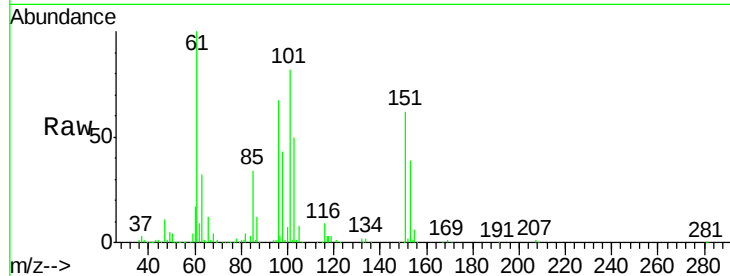
ClientSampleId :

SS052MW601-200513MSD

Tot Ion:	101	Resp:	114846
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.2	51.4
151	77.0	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 39.248 ug/l

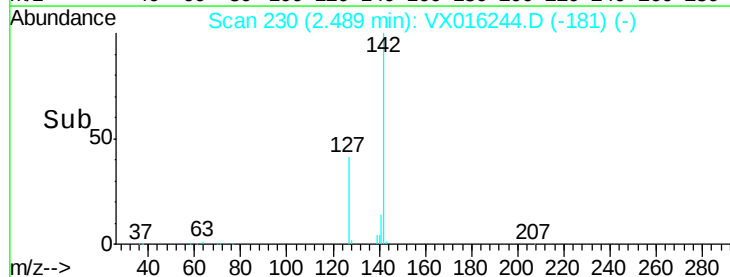
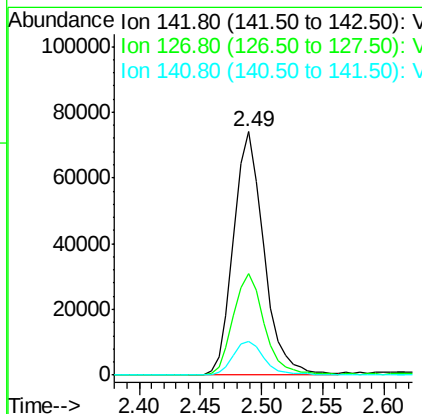
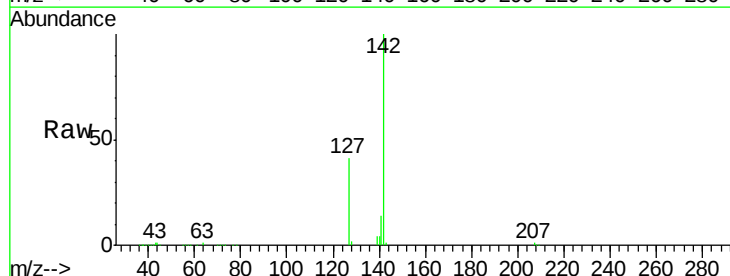
RT: 2.49 min Scan# 230

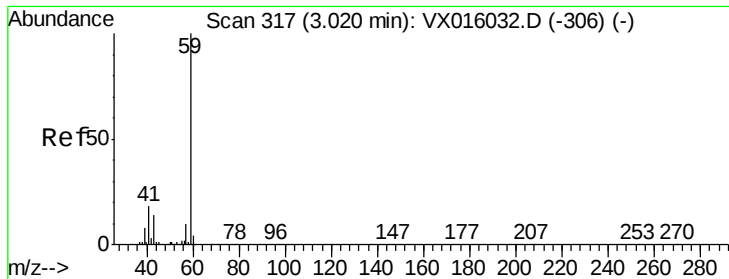
Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Tgt Ion:	142	Resp:	127896
Ion Ratio	Lower	Upper	
142	100		
127	42.8	34.6	52.0
141	14.5	11.3	16.9





#11

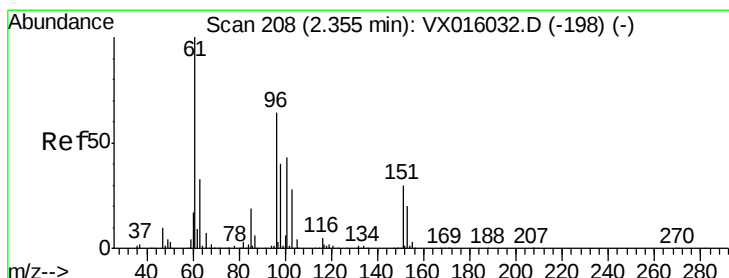
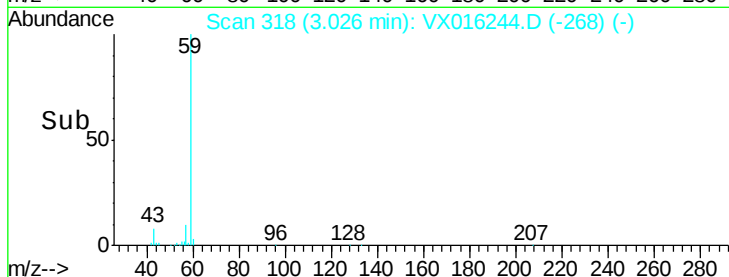
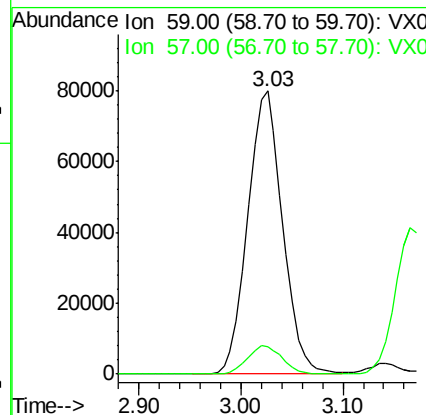
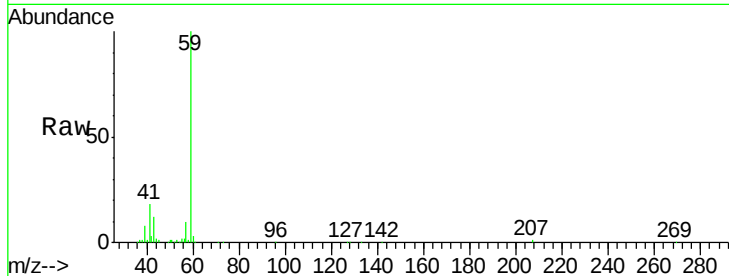
Tert butyl alcohol
Concen: 233.171 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

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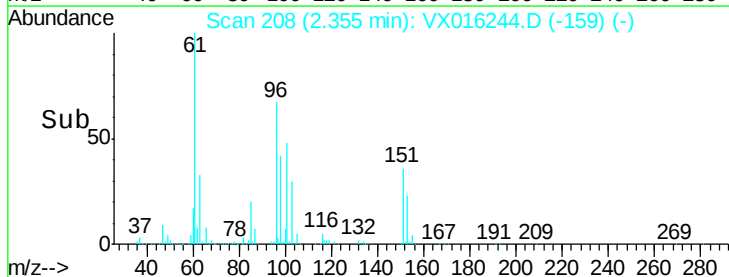
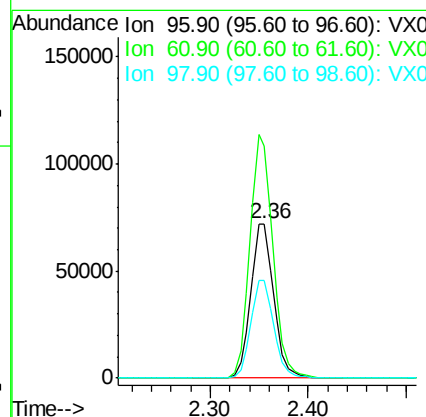
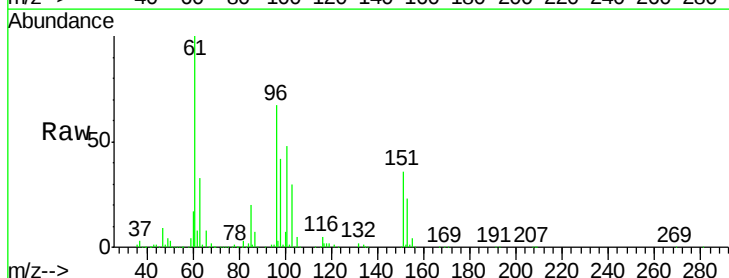
MMDadoda
5/15/2020 12:29:23 PM



#12

1,1-Dichloroethene
Concen: 46.089 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.1	124.8	187.2
98	63.5	49.7	74.5





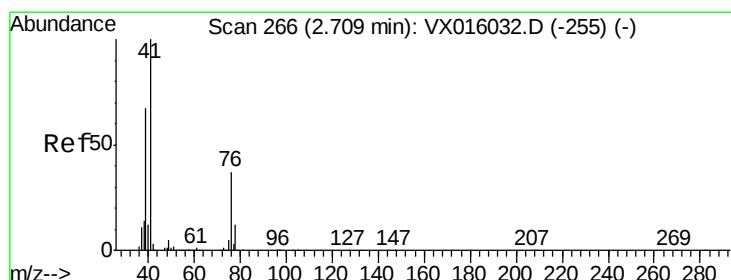
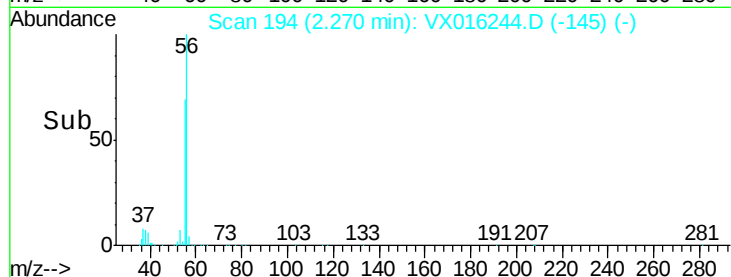
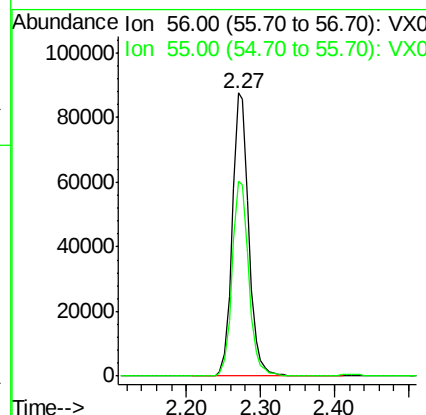
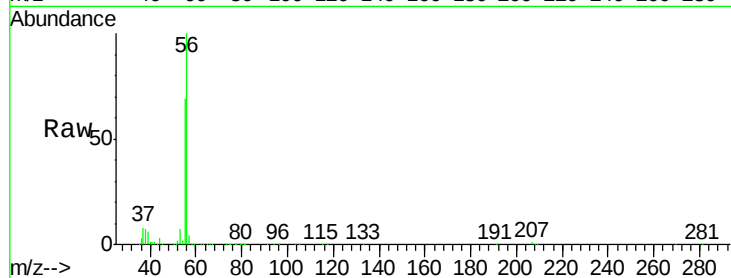
#13
Acrolein
Concen: 266.211 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MSD

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	69.1	56.5	84.7	

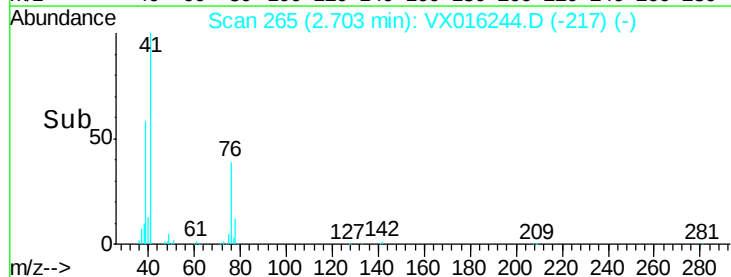
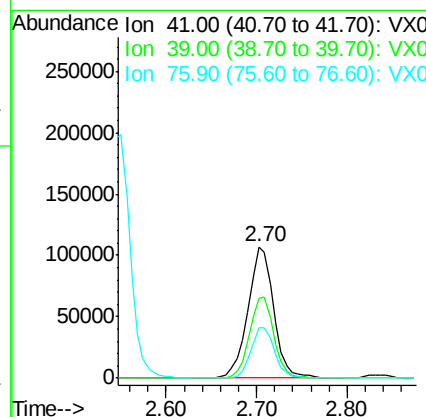
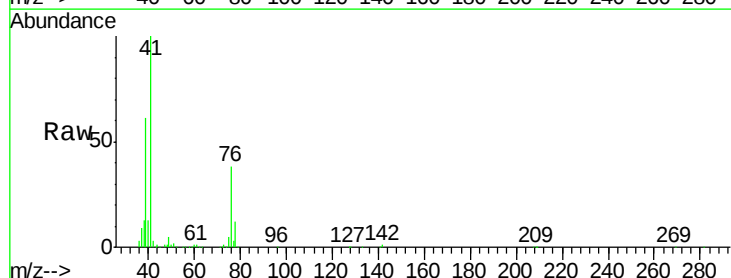
Manual Integrations
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#14
Allyl chloride
Concen: 45.047 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.7	50.5	75.7	
76	35.7	26.6	40.0	





#15

Acrylonitrile

Concen: 243.896 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

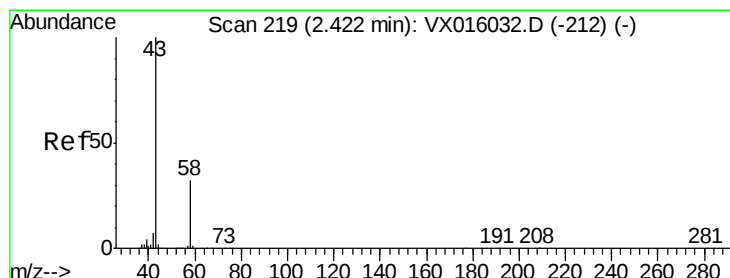
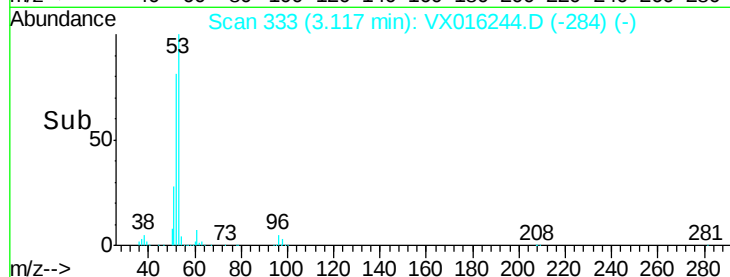
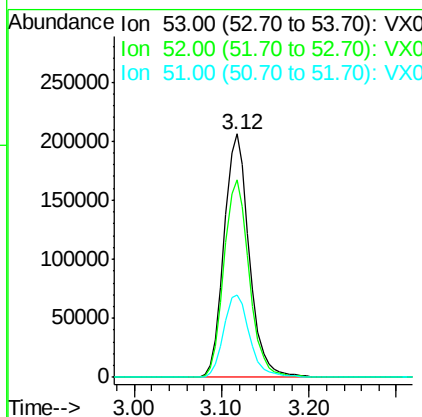
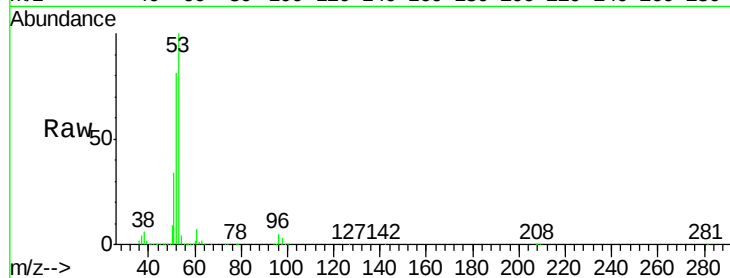
ClientSampleId :

SS052MW601-200513MSD

Tot Ion:	53	Resp:	411181
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.1	99.1
51	35.0	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 228.185 ug/l

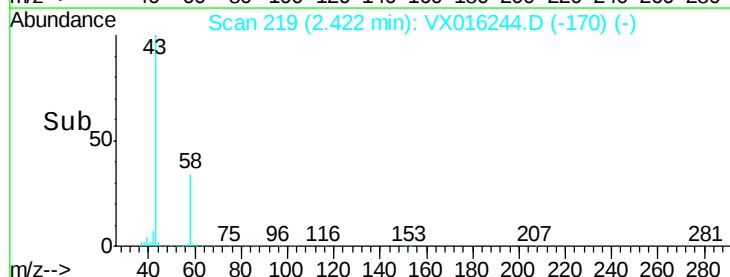
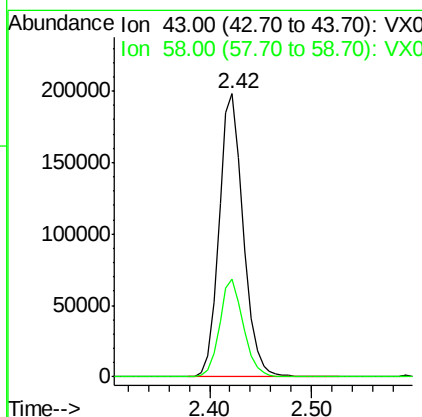
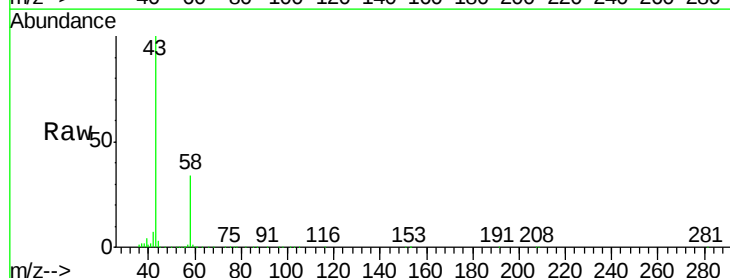
RT: 2.42 min Scan# 219

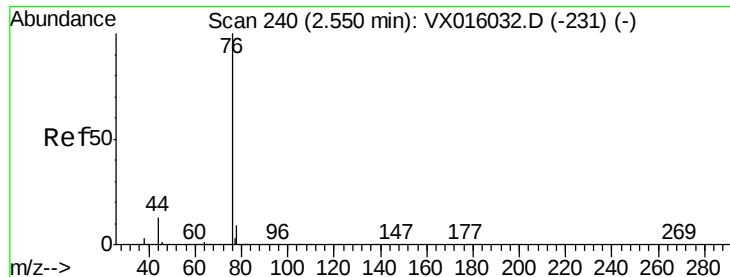
Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Tgt Ion:	43	Resp:	327203
Ion	Ratio	Lower	Upper
43	100		
58	34.3	25.4	38.0





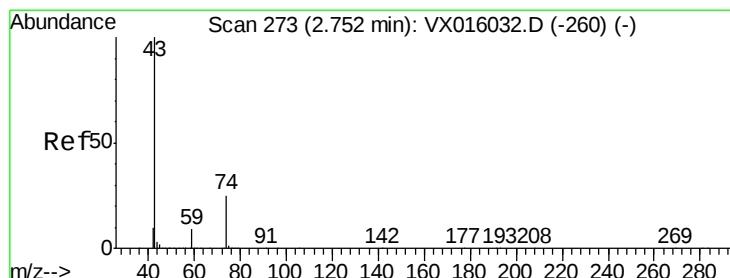
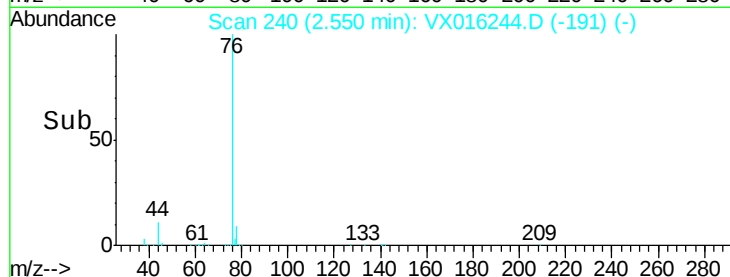
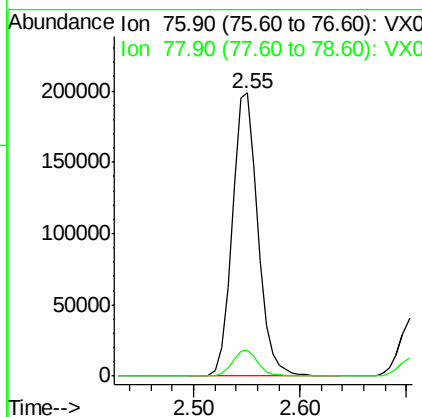
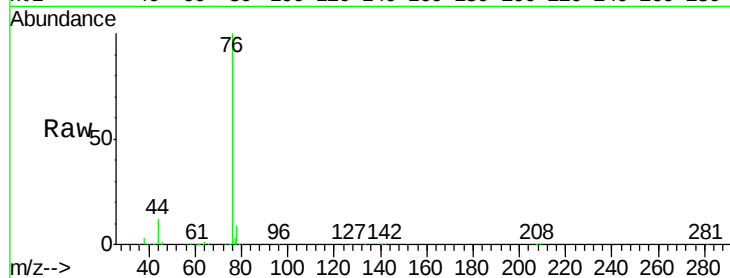
#17
Carbon Disulfide
Concen: 43.829 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

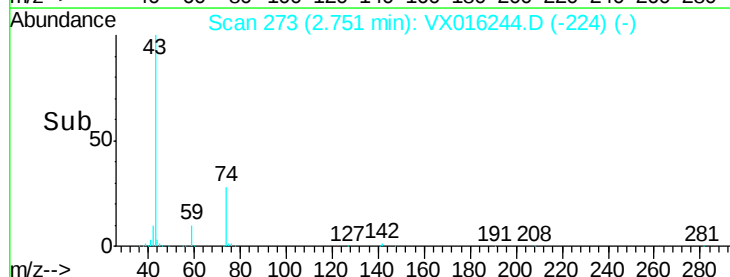
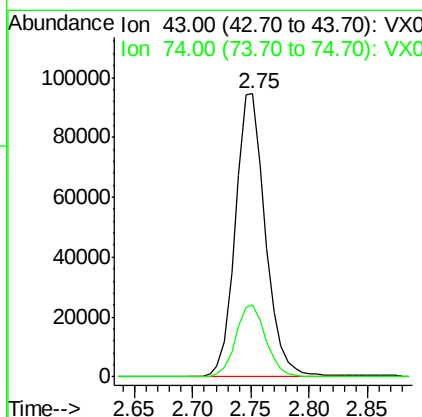
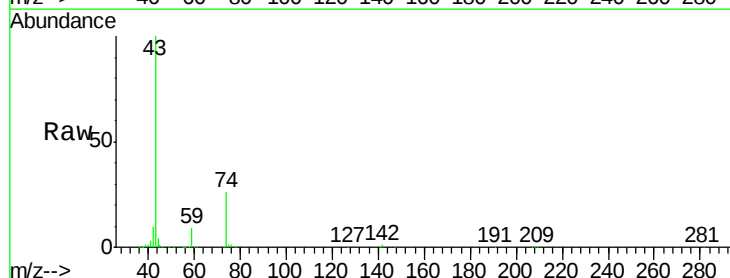
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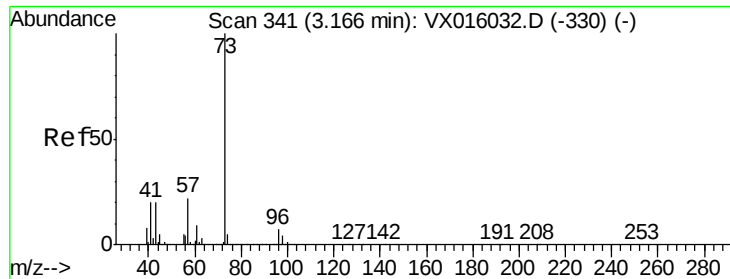
MMDadoda
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#18
Methyl Acetate
Concen: 47.971 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.2	20.2	30.2





#19

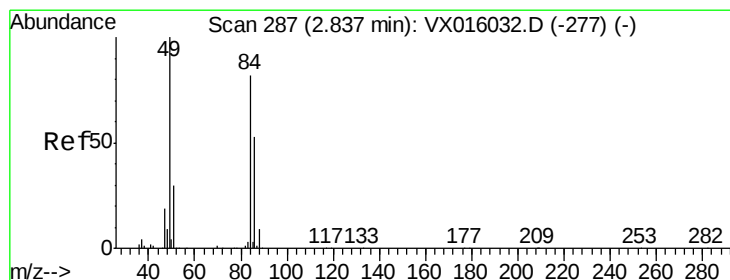
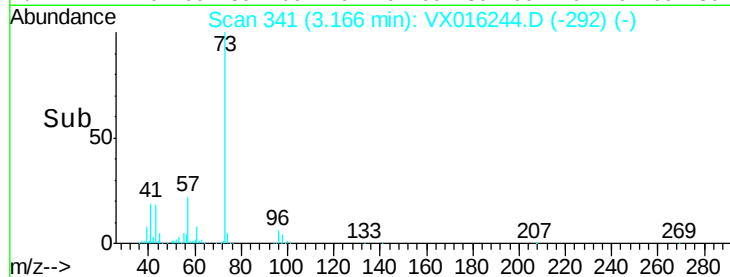
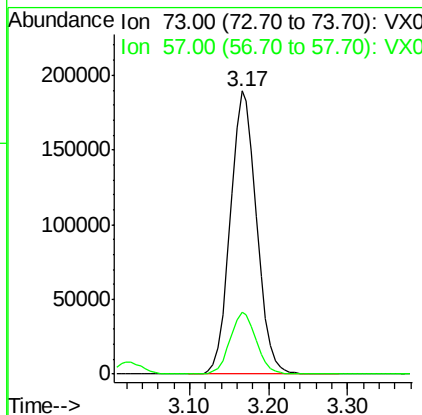
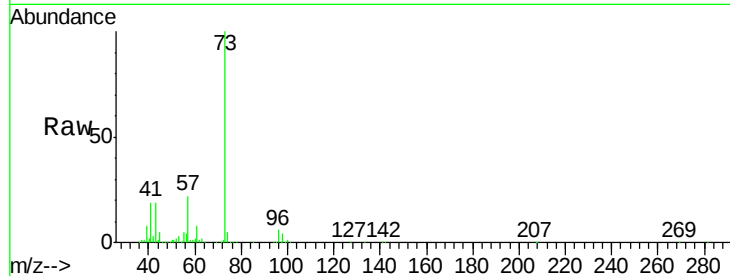
Methyl tert-butyl Ether
Concen: 49.912 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.6

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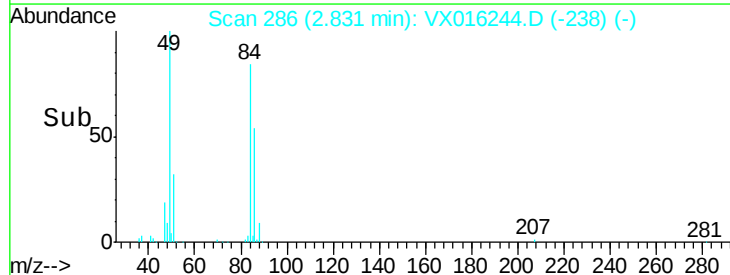
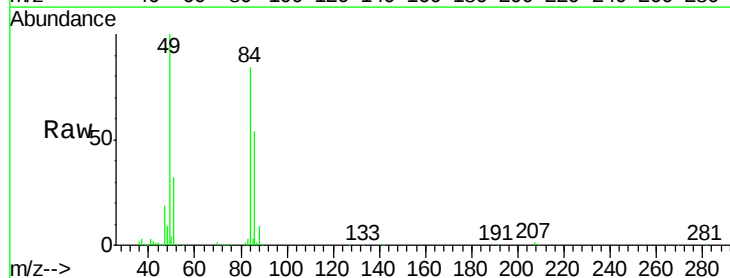
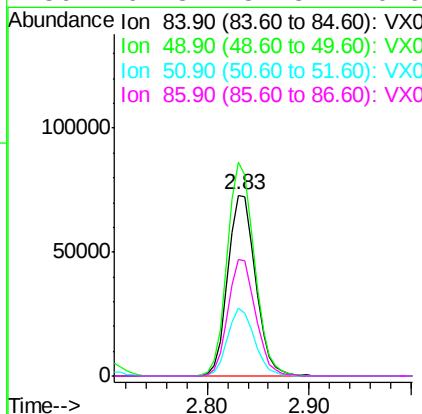
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#20

Methylene Chloride
Concen: 46.517 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.3	97.3	145.9
51	37.3	29.3	43.9
86	64.3	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 47.643 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

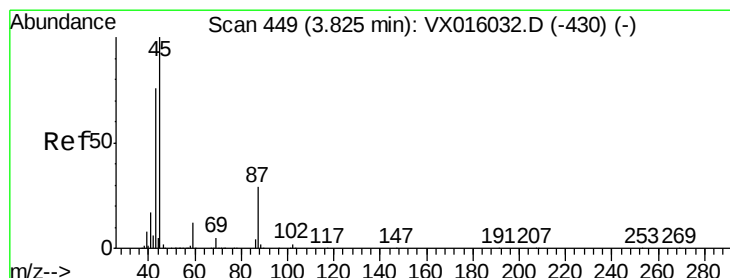
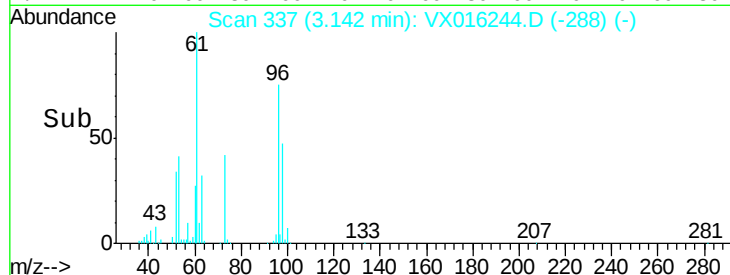
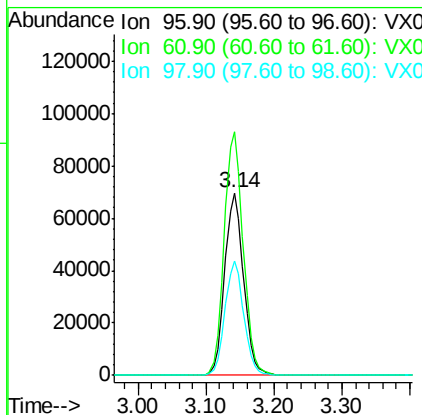
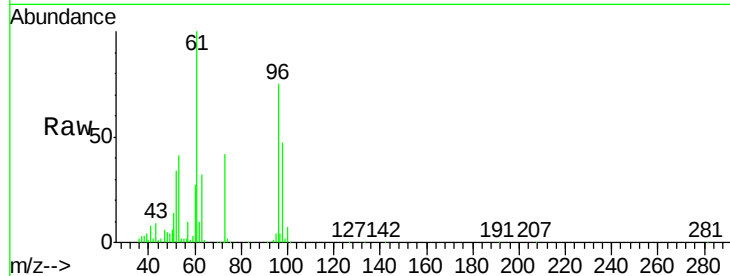
ClientSampleId :

SS052MW601-200513MSD

Tot Ion:	96	Resp:	134785
Ion Ratio	Lower	Upper	
96	100		
61	133.2	111.2	166.8
98	62.3	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.611 ug/l

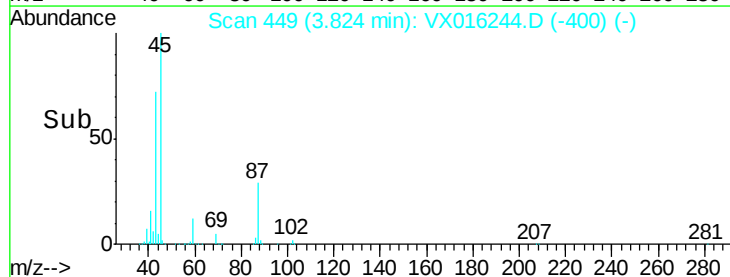
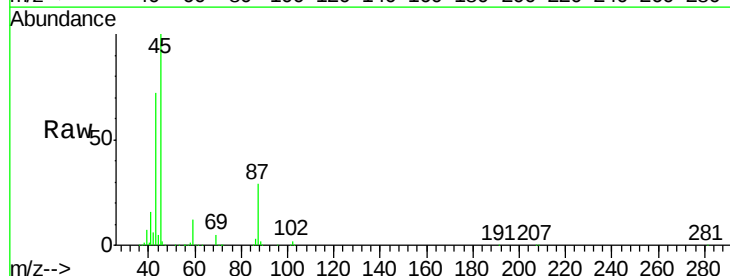
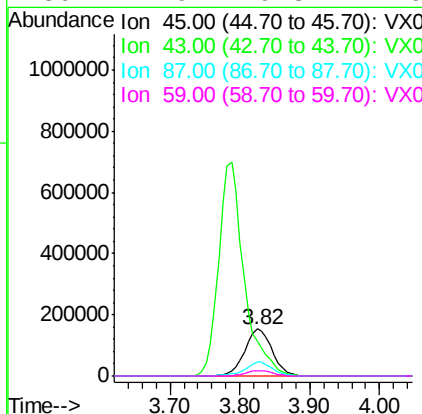
RT: 3.82 min Scan# 449

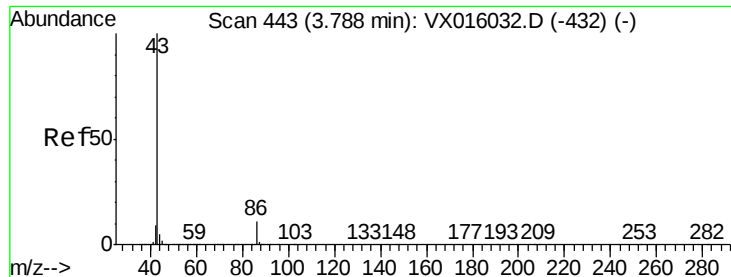
Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Tgt Ion:	45	Resp:	418101
Ion Ratio	Lower	Upper	
45	100		
43	72.0	61.1	91.7
87	29.4	23.0	34.6
59	11.9	9.8	14.6





#23

Vinyl Acetate

Concen: 229.112 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MSD

Tot Ion: 43 Resp: 1770123

Ion Ratio Lower Upper

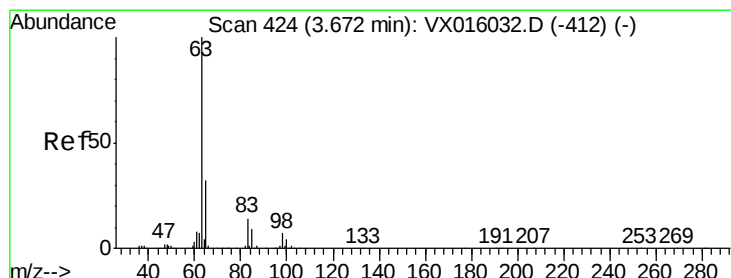
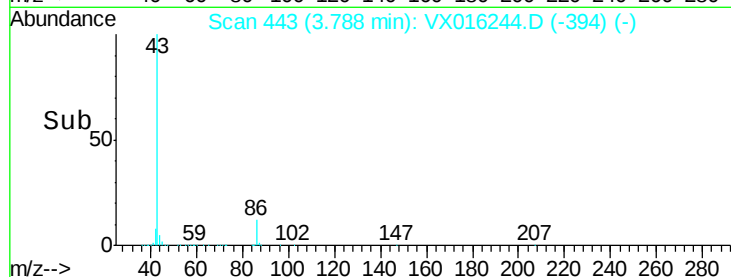
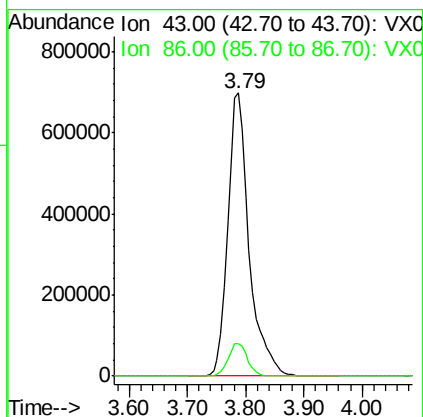
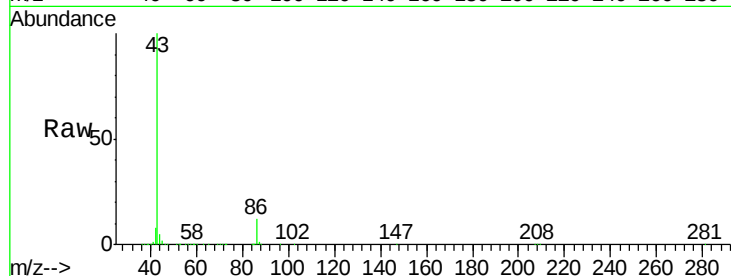
43 100

86 11.6 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 49.474 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

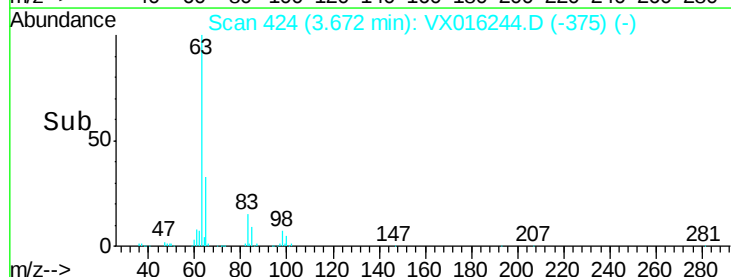
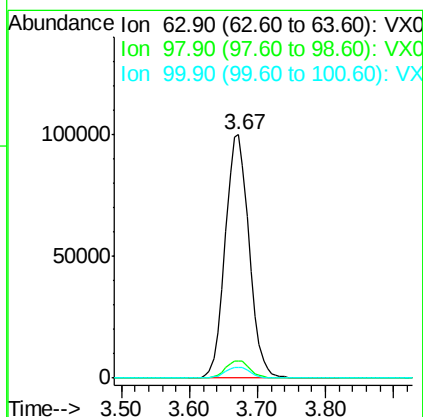
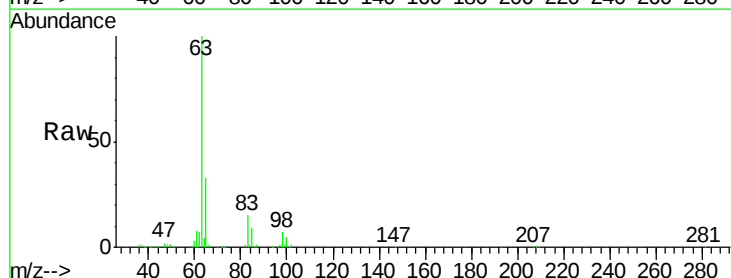
Tgt Ion: 63 Resp: 243038

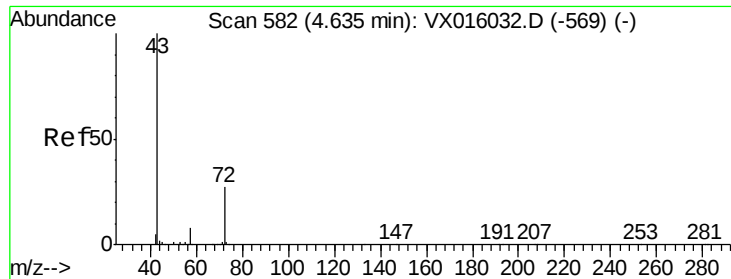
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 240.153 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MSD

Tot Ion: 43 Resp: 554909

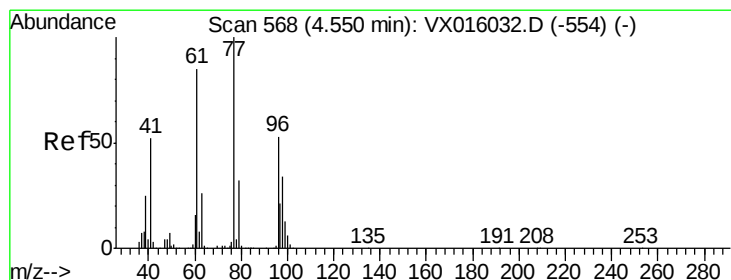
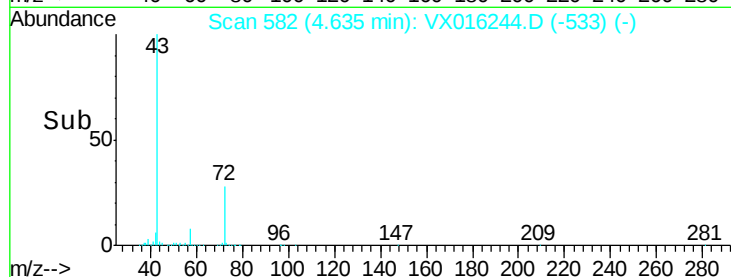
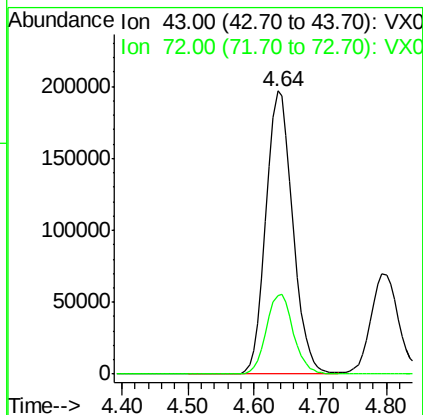
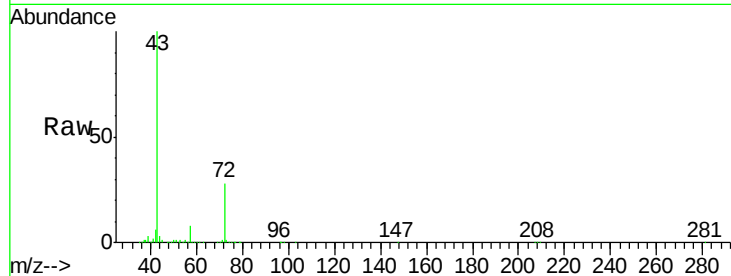
Ion Ratio Lower Upper

43 100

72 27.9 21.8 32.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 42.353 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016244.D

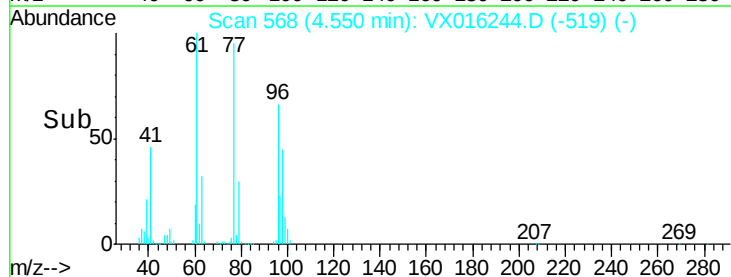
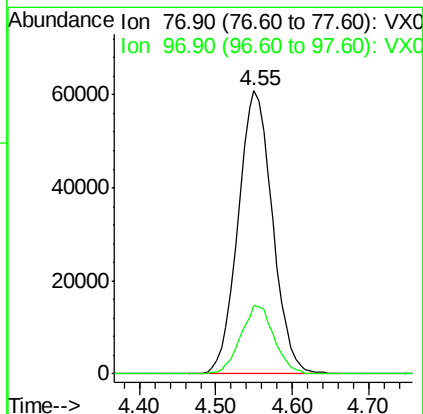
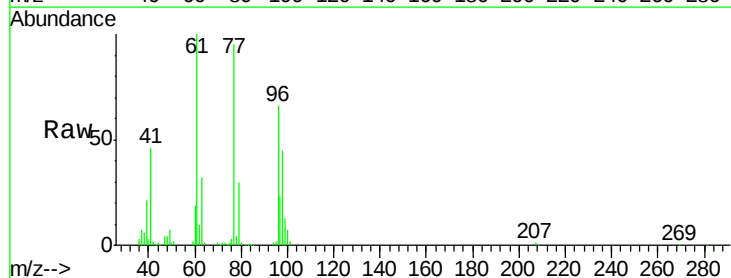
Acq: 14 May 2020 20:10

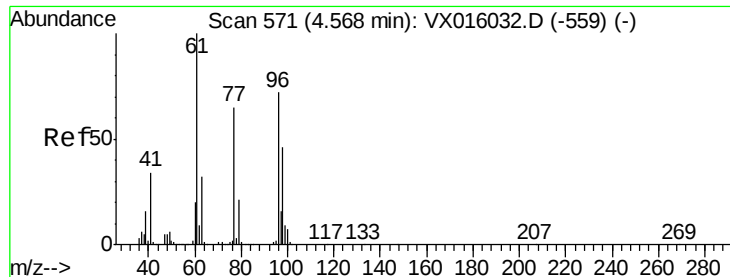
Tgt Ion: 77 Resp: 190007

Ion Ratio Lower Upper

77 100

97 23.7 11.2 33.6





#27

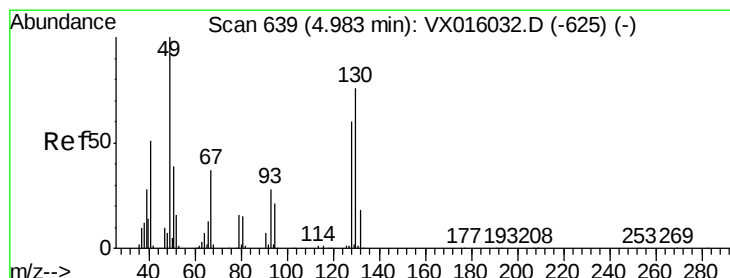
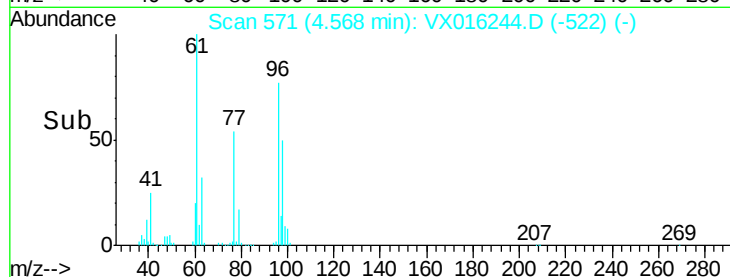
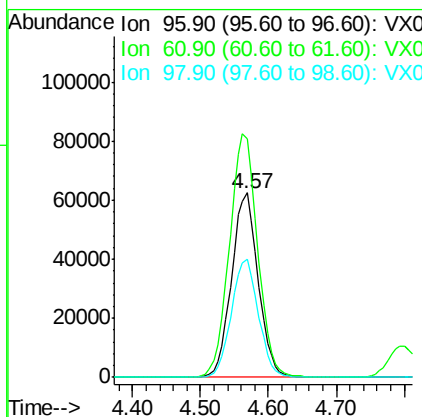
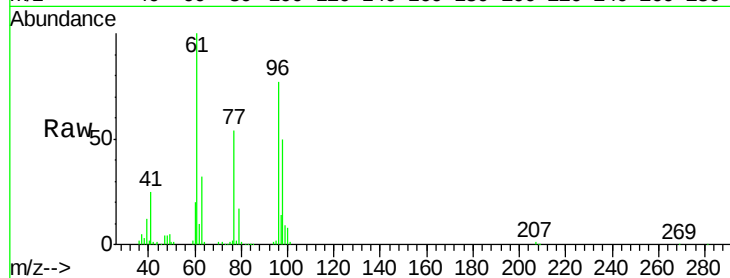
cis-1,2-Dichloroethene
Concen: 54.890 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	169769		
61	139.3	0.0	296.2	
98	64.9	0.0	129.4	

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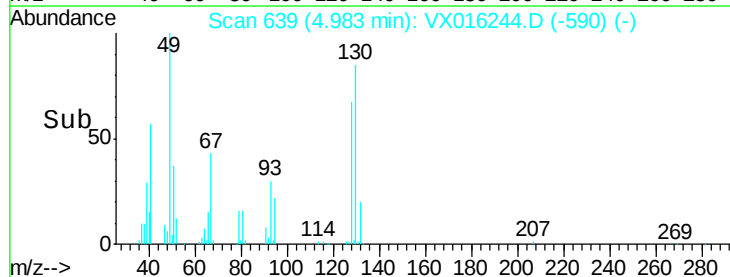
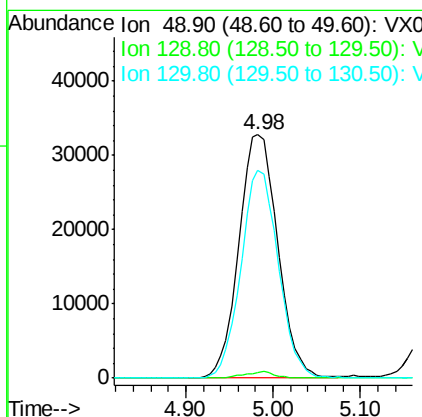
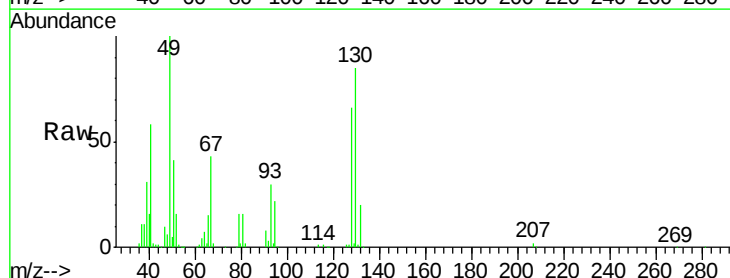
MMDadoda
5/15/2020 12:29:23 PM

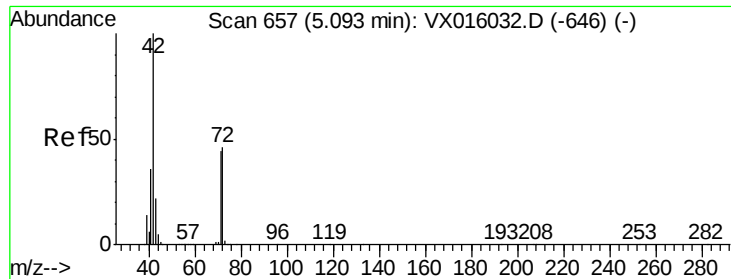


#28

Bromochloromethane
Concen: 45.412 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	101723		
129	2.1	0.0	4.0	
130	81.9	62.4	93.6	





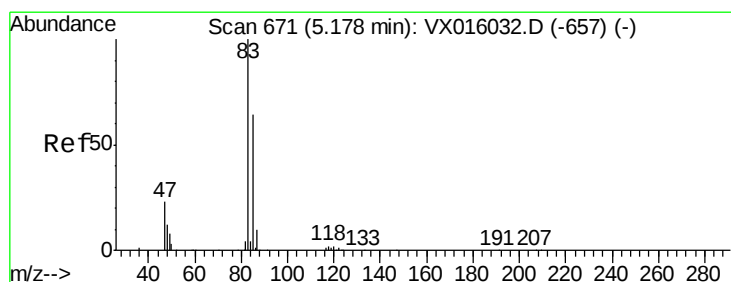
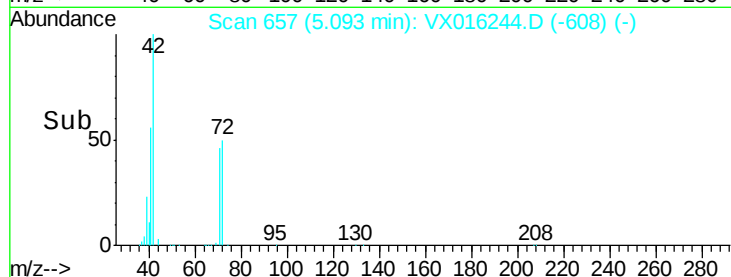
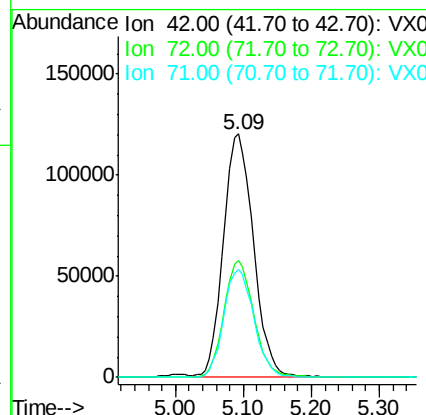
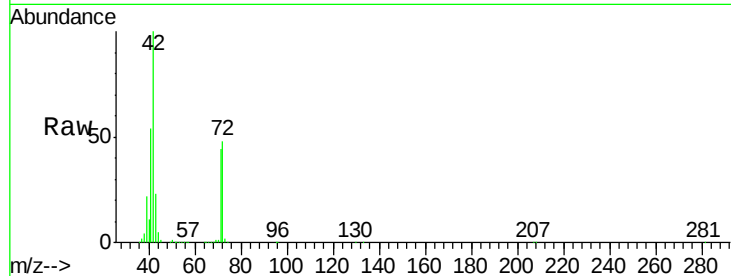
#29
Tetrahydrofuran
Concen: 240.557 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.0	37.1	55.7
71	44.5	34.5	51.7

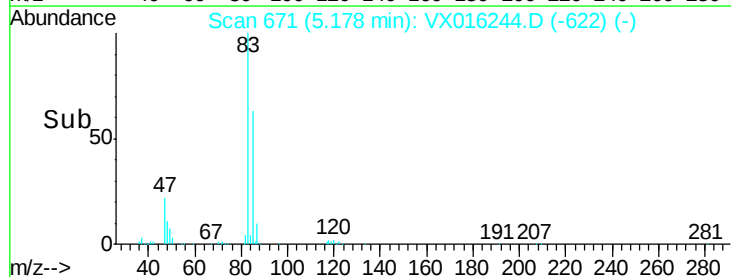
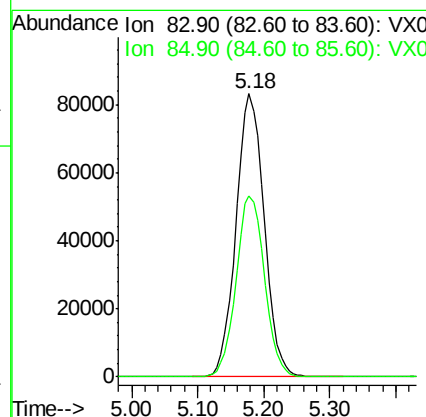
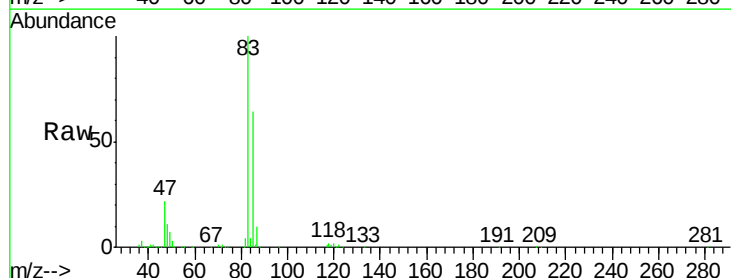
Manual Integrations
APPROVED

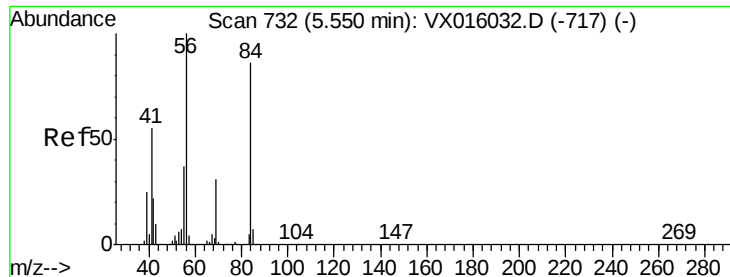
MMDadoda
5/15/2020 12:29:23 PM



#30
Chloroform
Concen: 50.196 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.6	77.4





#31

Cyclohexane

Concen: 46.808 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

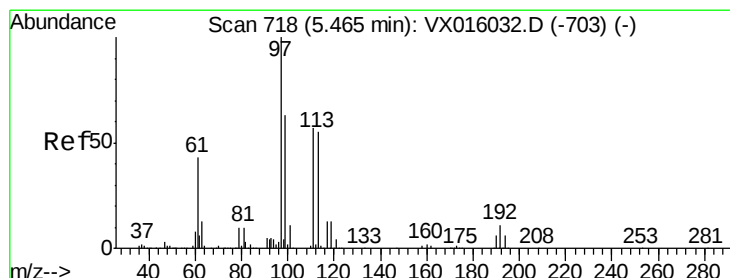
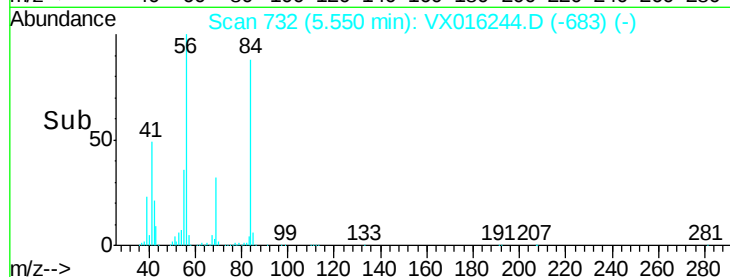
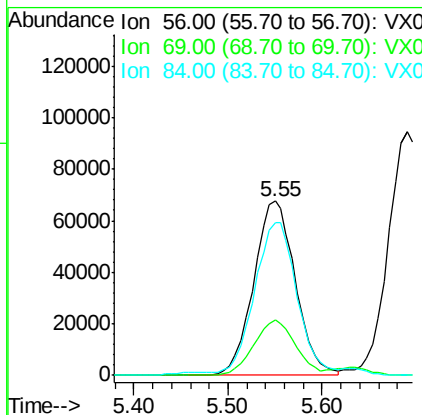
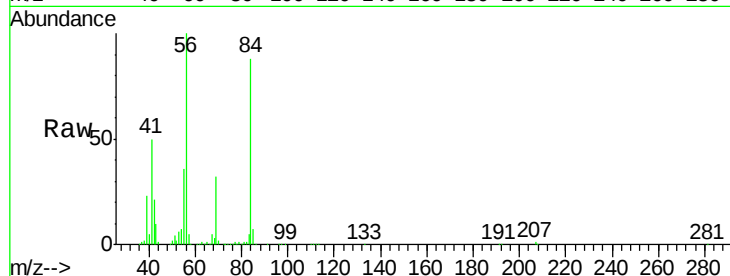
ClientSampleId :

SS052MW601-200513MSD

Tot Ion:	56	Resp:	208973
Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.0	37.6
84	85.9	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.183 ug/l

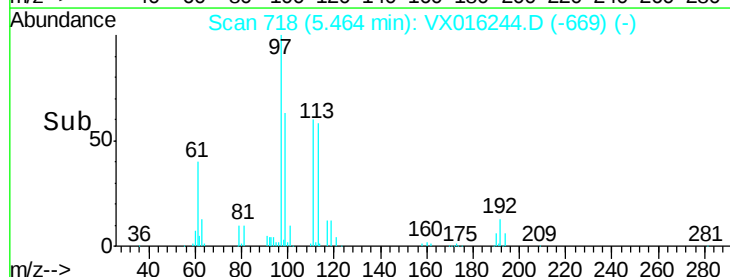
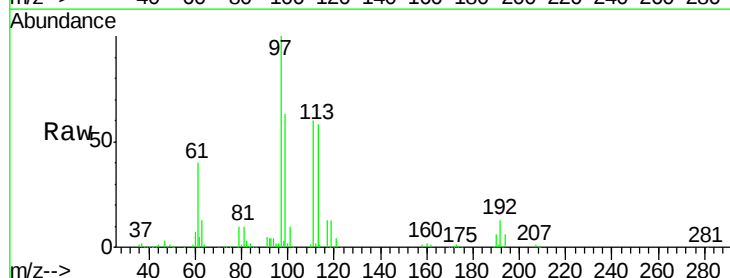
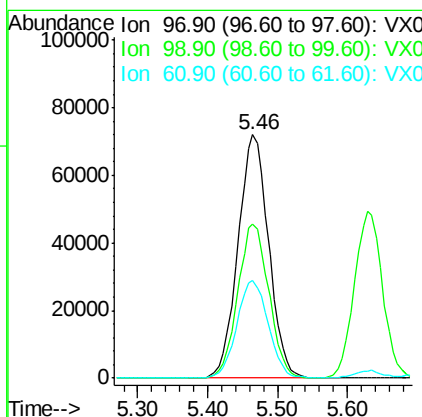
RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Tgt Ion:	97	Resp:	218668
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.4
61	41.3	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 47.099 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MSD

Tot Ion: 65 Resp: 151362

Ion Ratio Lower Upper

65 100

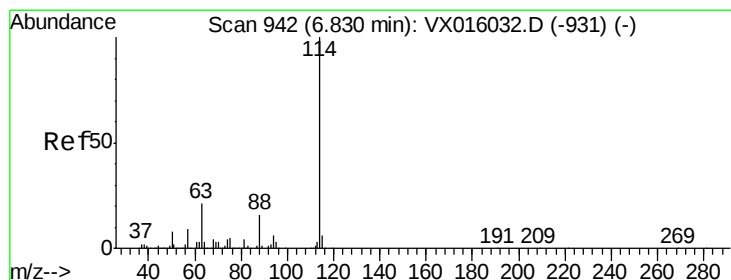
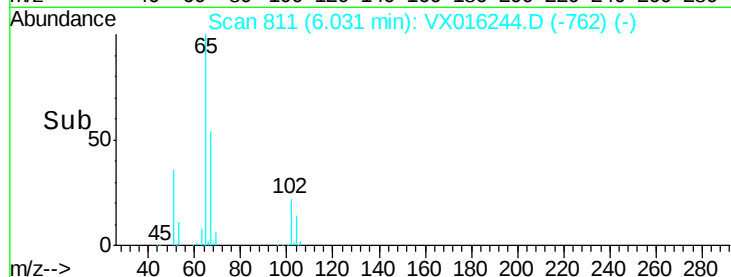
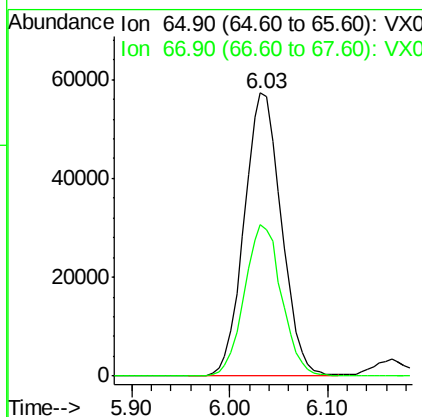
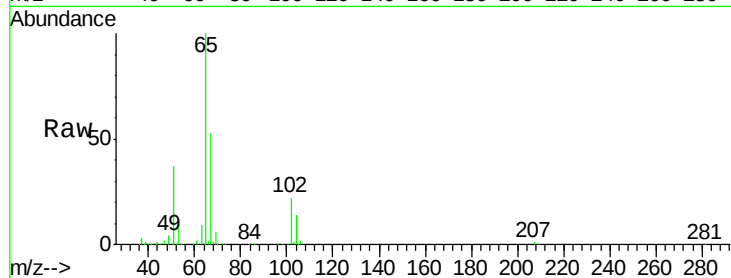
67 53.3 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

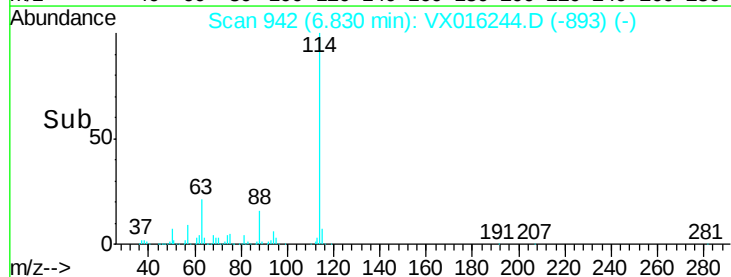
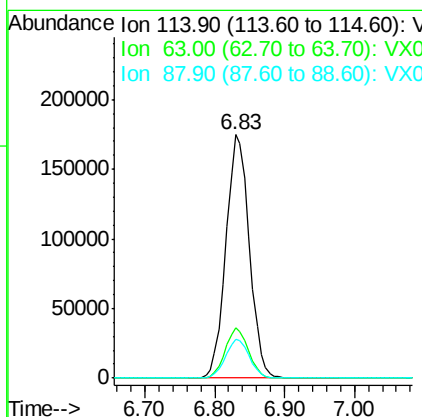
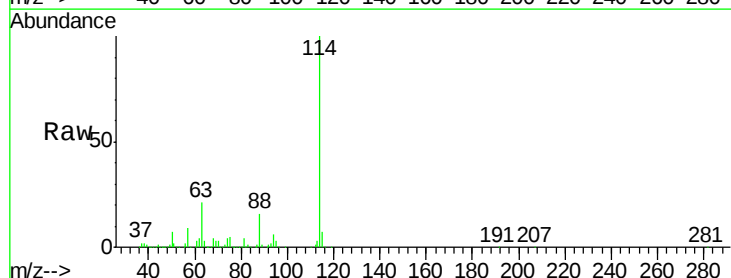
Tgt Ion: 114 Resp: 405994

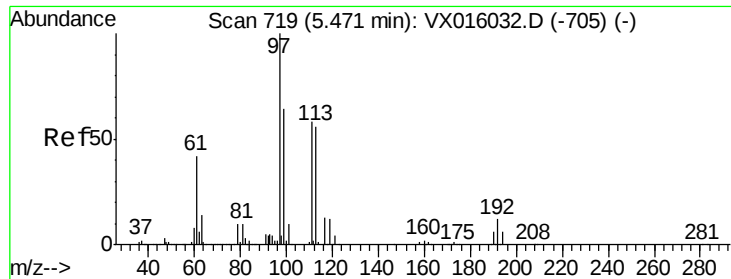
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 16.1 0.0 31.4





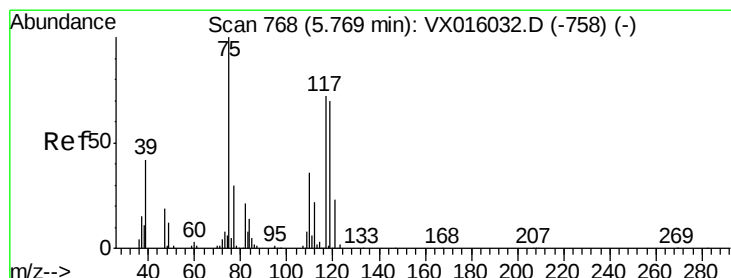
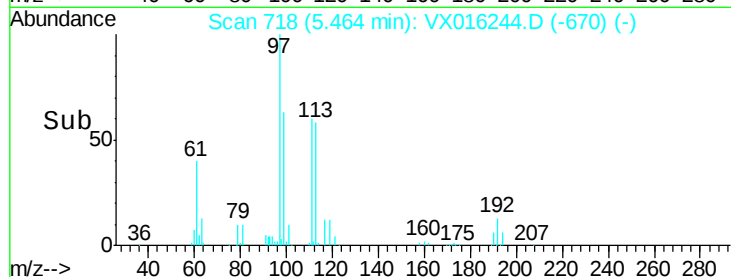
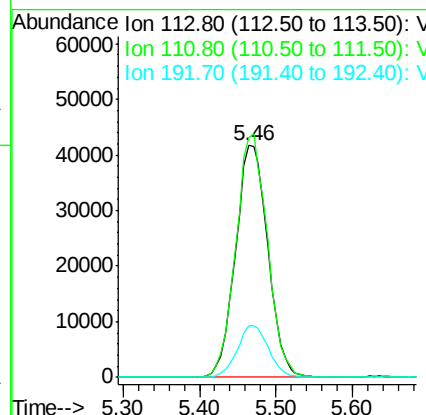
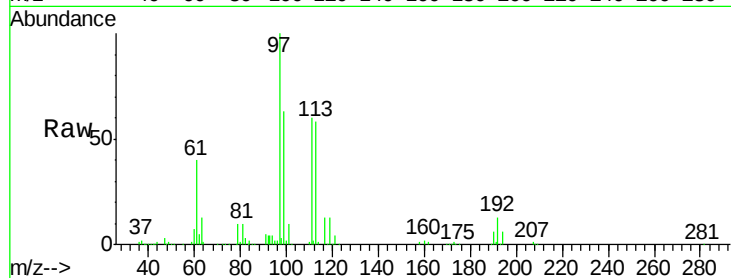
#35
Dibromofluoromethane
Concen: 47.538 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	122274		
111	102.3	81.6	122.4	
192	21.7	17.0	25.4	

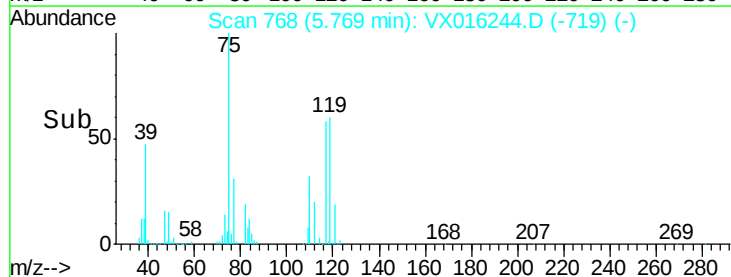
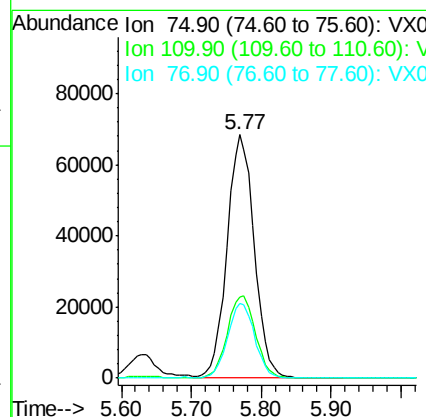
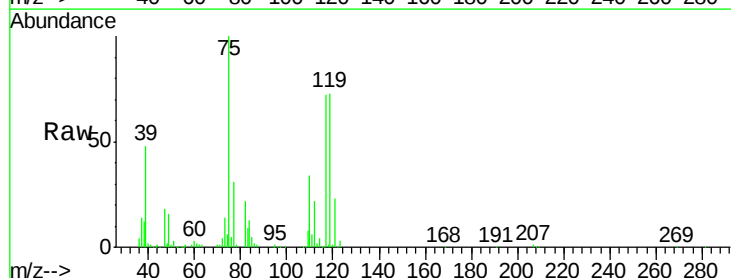
Manual Integrations
APPROVED

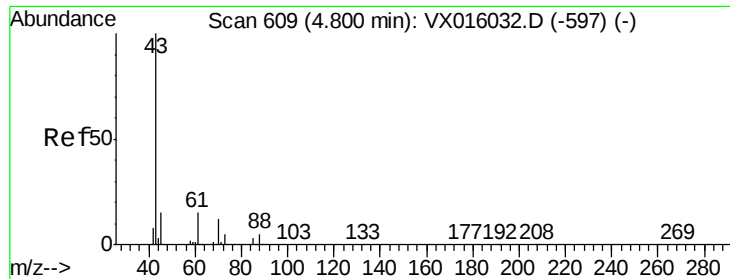
MMDadoda
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#36
1,1-Dichloropropene
Concen: 46.067 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	184105		
110	35.0	18.1	54.1	
77	30.8	25.0	37.6	





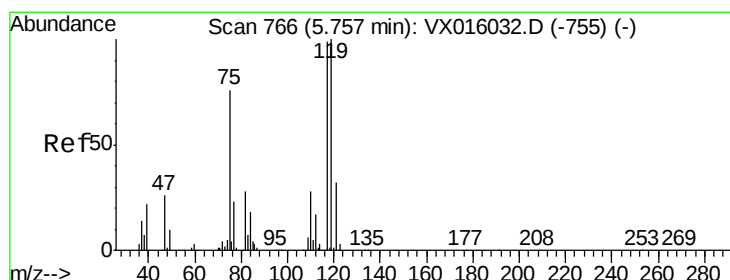
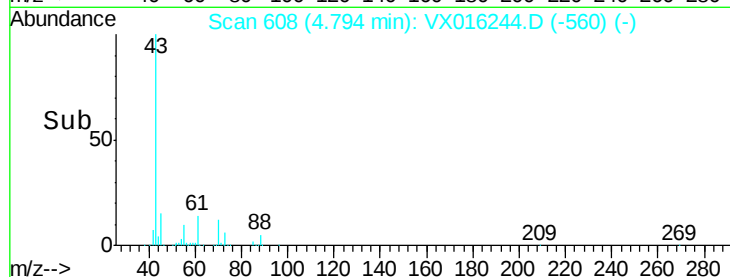
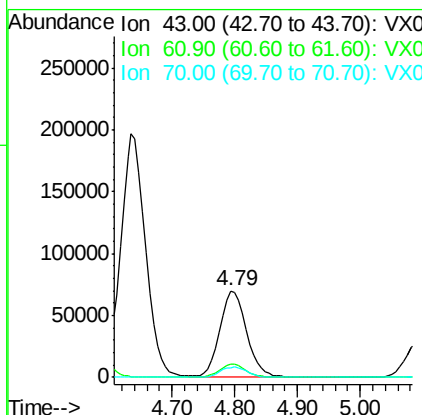
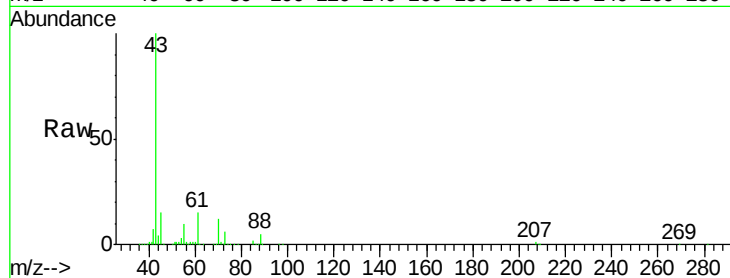
#37
Ethyl Acetate
Concen: 44.643 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.7	17.5
70	12.1	9.3	13.9

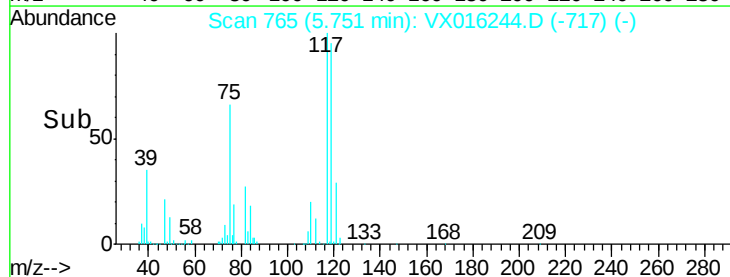
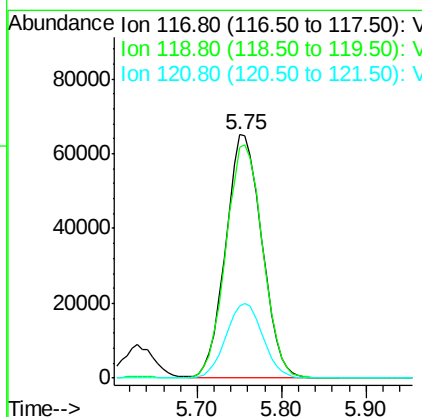
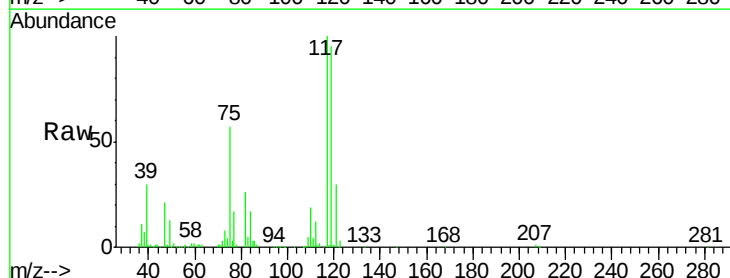
Manual Integrations
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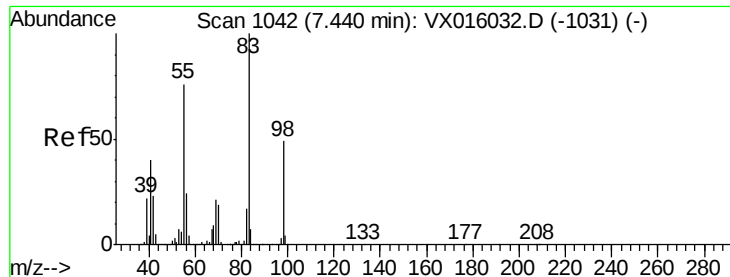
MMDadoda
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#38
Carbon Tetrachloride
Concen: 46.872 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	80.3	120.5
121	29.9	25.7	38.5





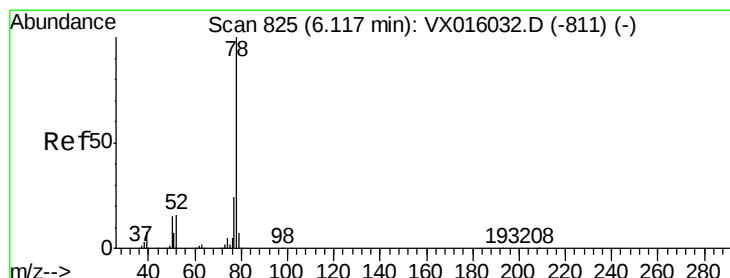
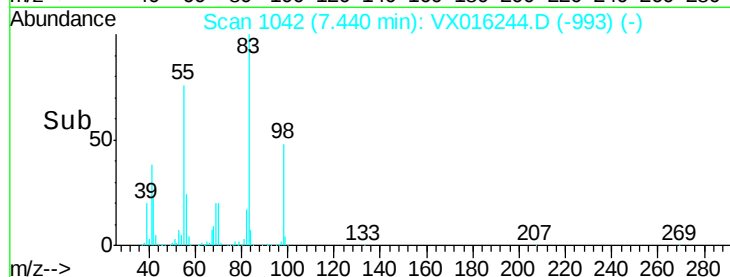
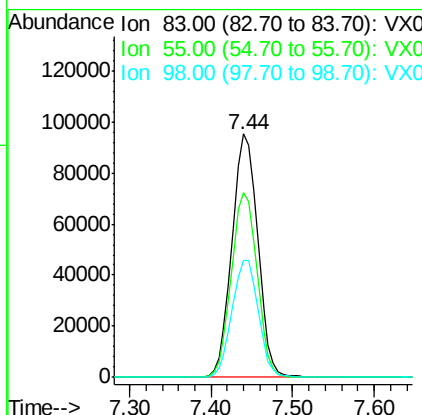
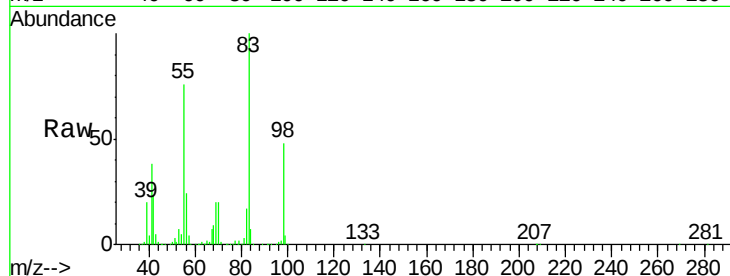
#39
Methvlcvclohexane
Concen: 43.034 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	61.1	91.7
98	48.3	39.0	58.4

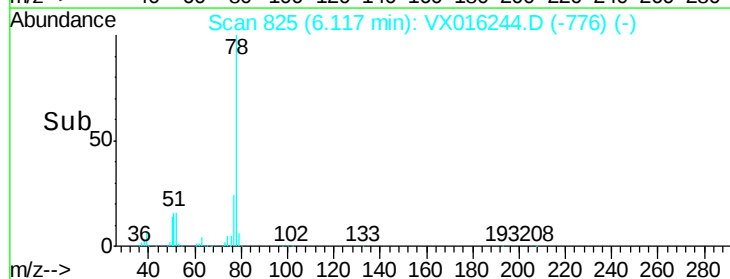
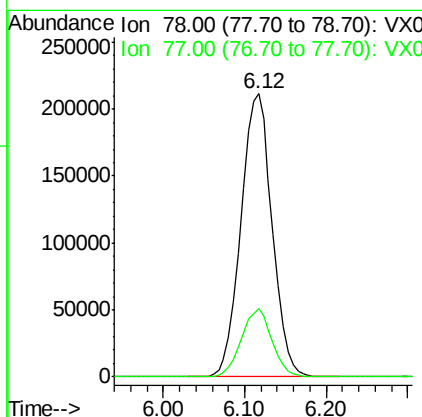
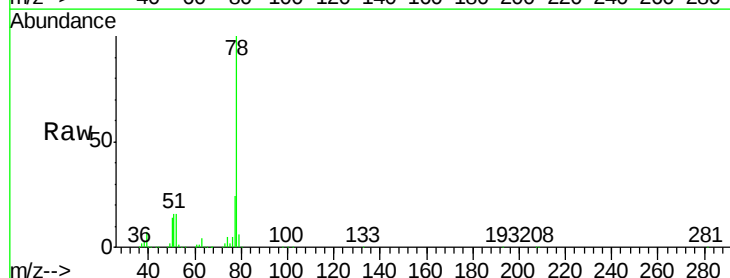
Manual Integrations
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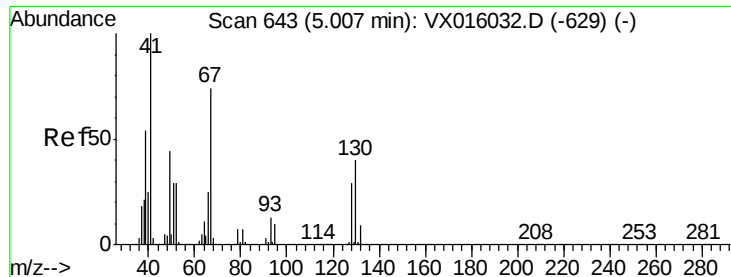
MMDadoda
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#40
Benzene
Concen: 47.860 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4





#41

Methacrylonitrile

Concen: 46.844 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

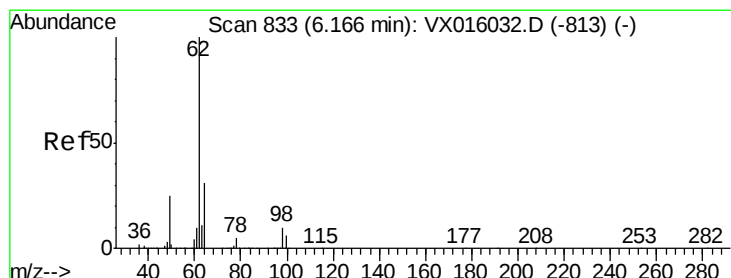
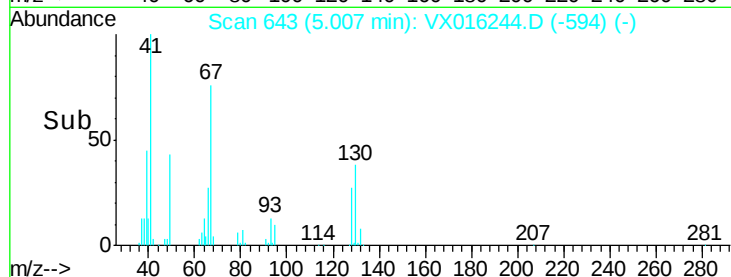
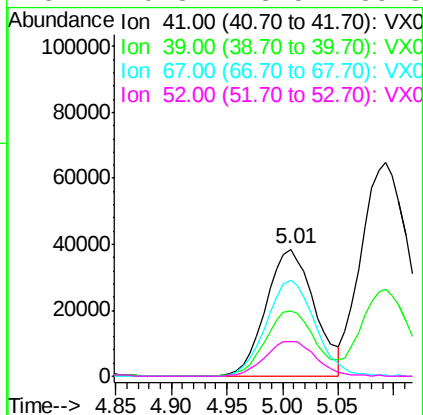
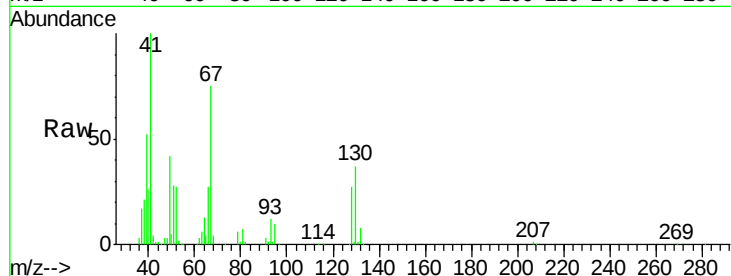
ClientSampleId :

SS052MW601-200513MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		117181		
39	51.4	43.2	64.8		
67	76.2	59.3	88.9		
52	29.3	23.5	35.3		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 46.049 ug/l

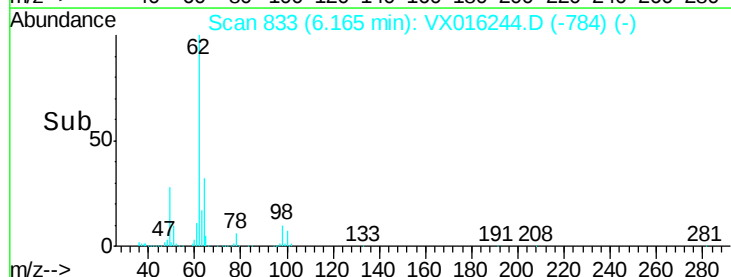
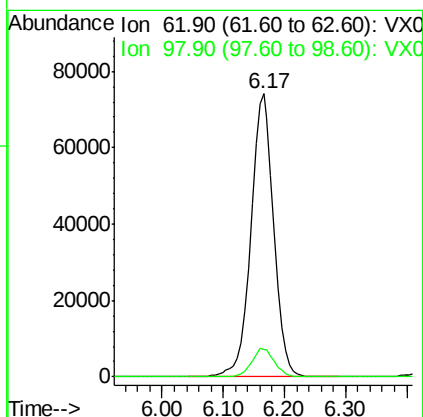
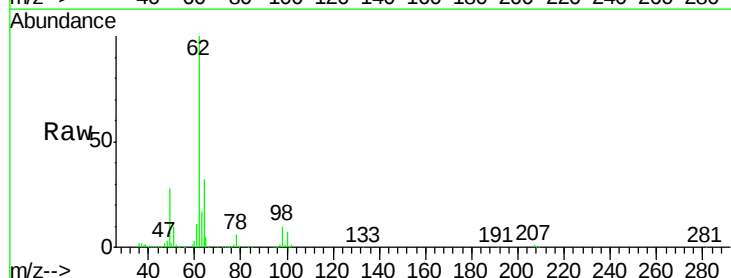
RT: 6.17 min Scan# 833

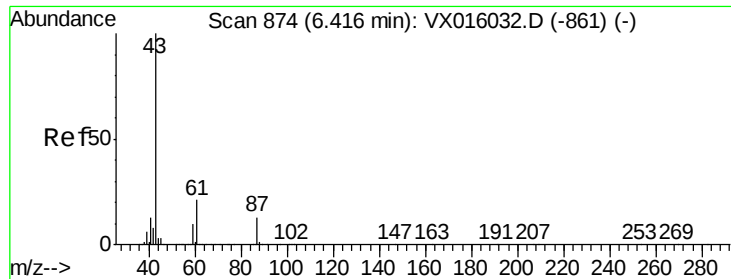
Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		193974		
98	9.9	0.0	19.4		





#43

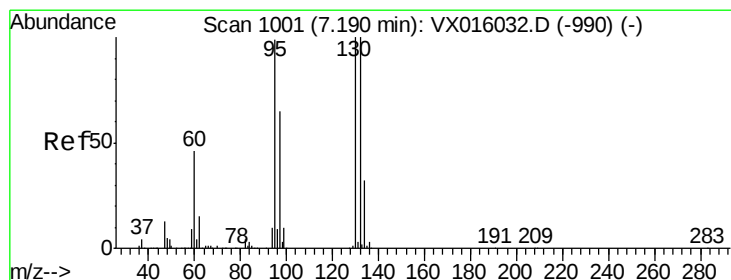
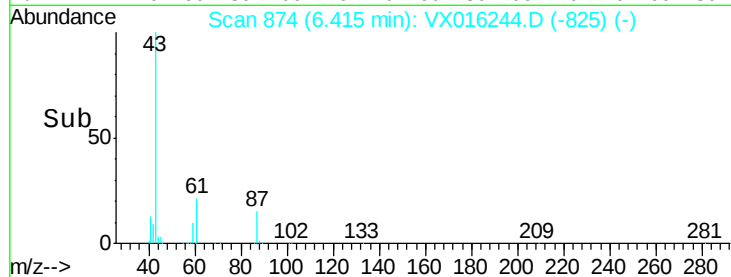
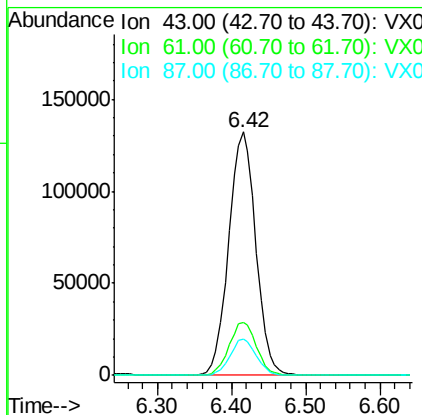
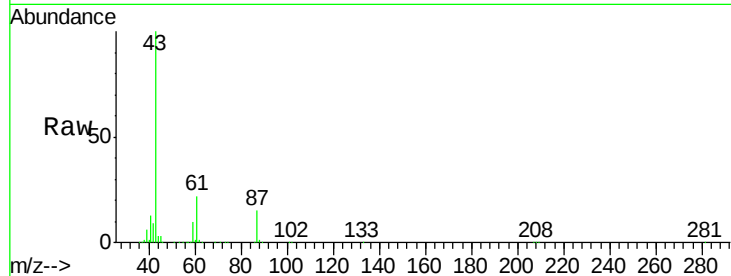
Isopropyl Acetate
 Concen: 45.402 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016244.D
 Acq: 14 May 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MSD

Tot Ion	Ratio	Resp	Lower	Upper
43	100	335545		
61	22.3		17.0	25.4
87	14.5		11.0	16.6

Manual Integrations
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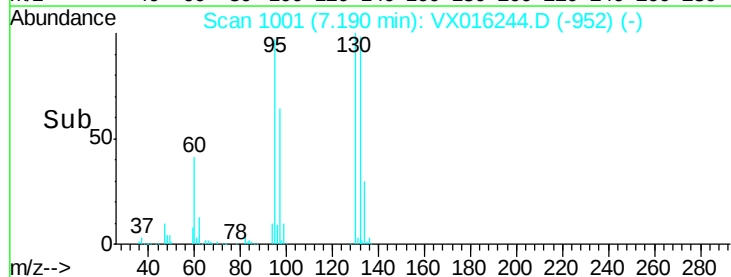
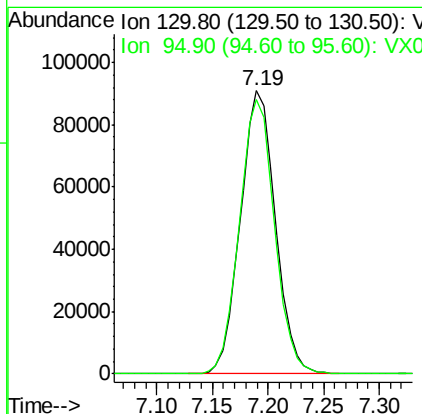
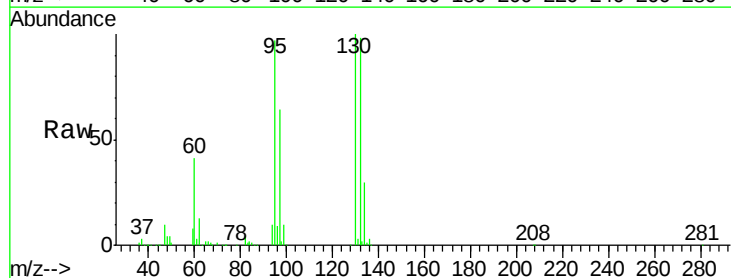
MMDadoda
 5/15/2020 12:29:23 PM



#44

Trichloroethene
 Concen: 47.863 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016244.D
 Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	198832		
95	97.0		0.0	197.4





#45

1,2-Dichloropropane

Concen: 48.947 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MSD

Tot Ion: 63 Resp: 144824

Ion Ratio Lower Upper

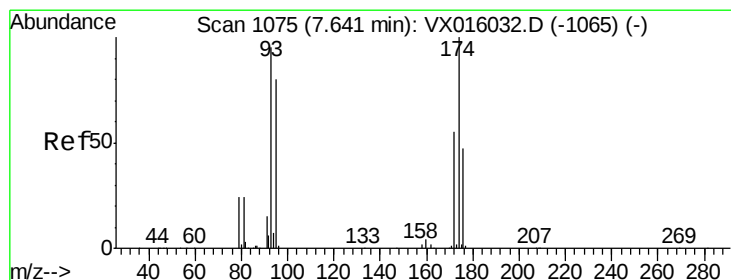
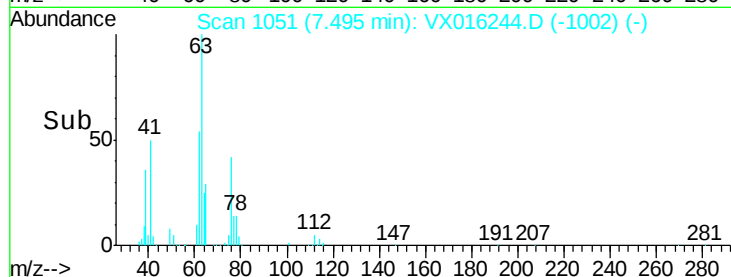
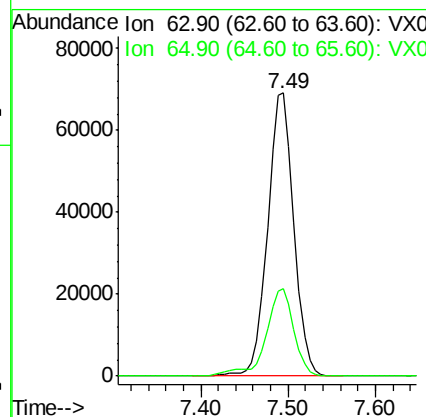
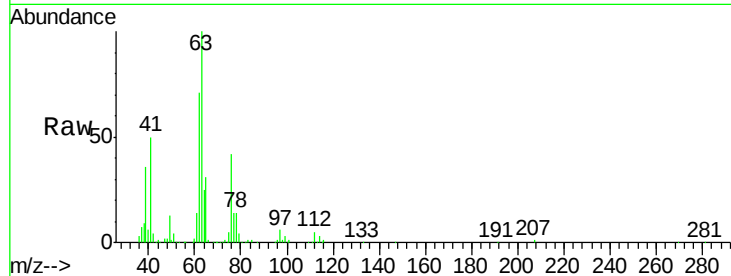
63 100

65 30.8 24.4 36.6

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#46

Dibromomethane

Concen: 47.445 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

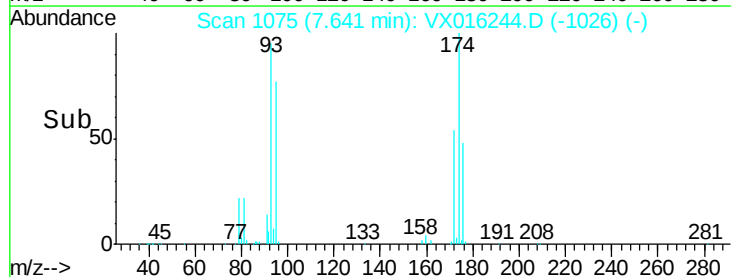
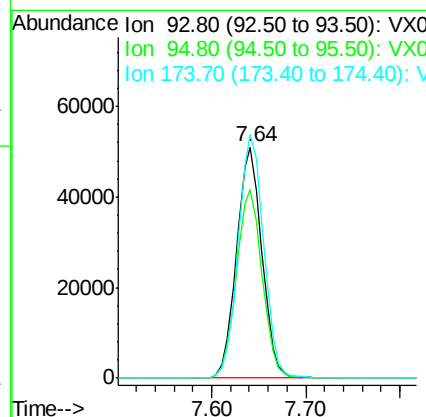
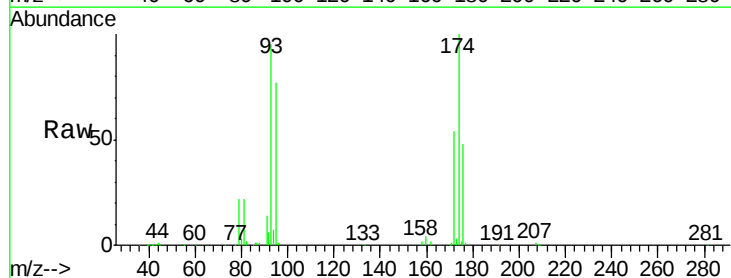
Tgt Ion: 93 Resp: 95400

Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 106.3 84.2 126.4





#47

Bromodichloromethane

Concen: 49.067 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

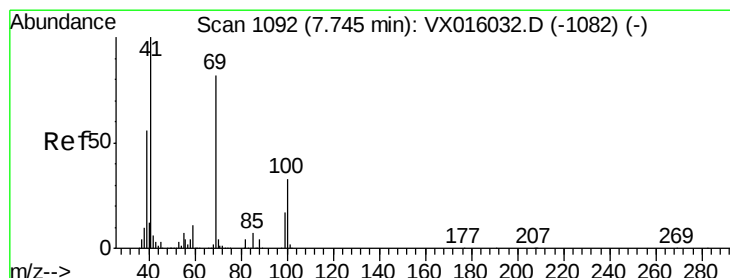
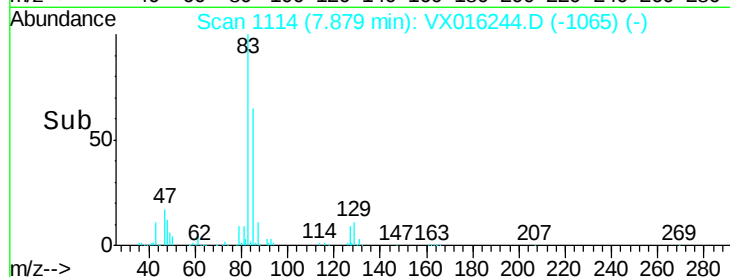
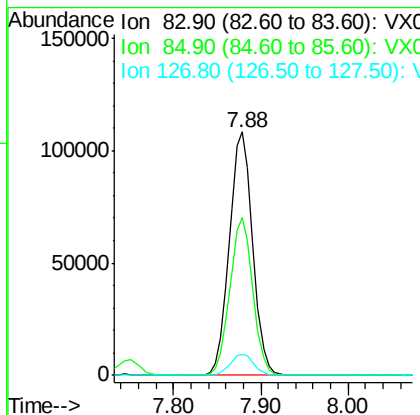
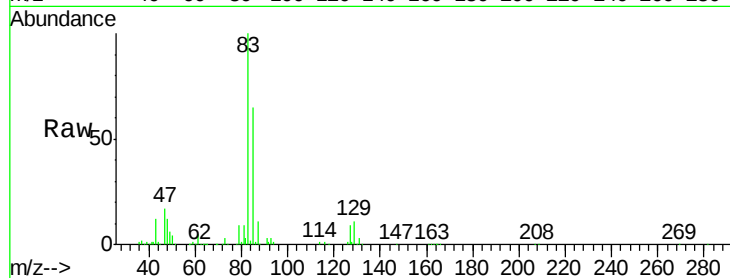
ClientSampleId :

SS052MW601-200513MSD

Tot Ion:	83	Resp:	200936
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.5	75.7
127	8.5	6.7	10.1

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#48

Methyl methacrylate

Concen: 45.550 ug/l

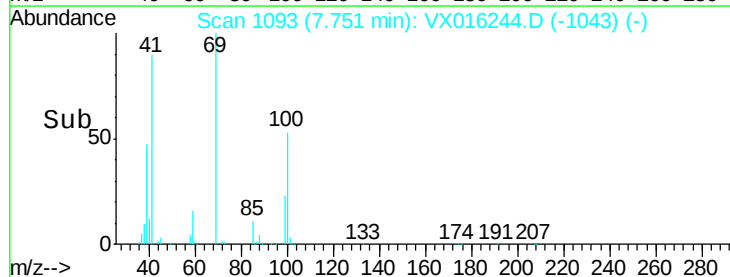
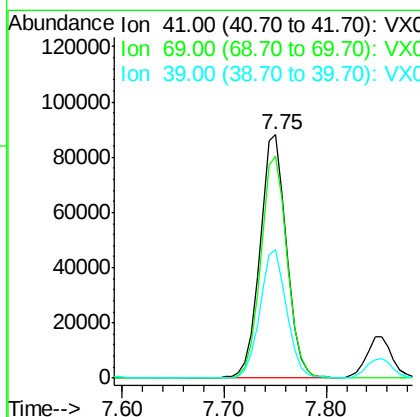
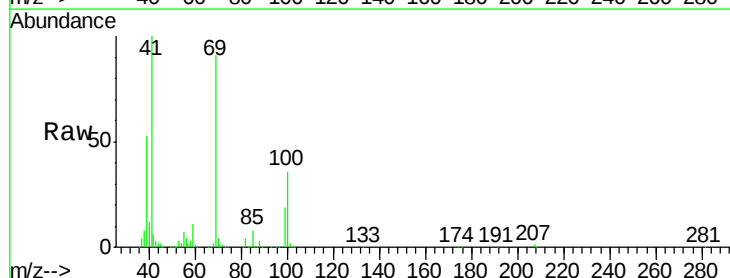
RT: 7.75 min Scan# 1093

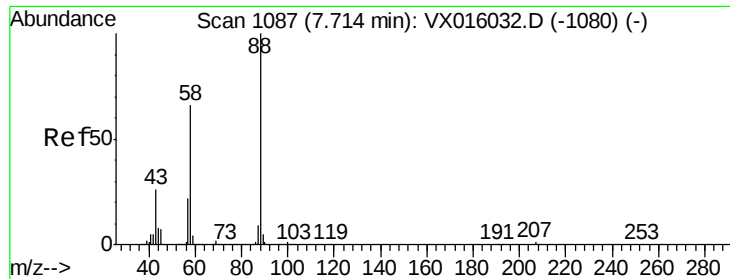
Delta R.T. 0.01 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Tgt Ion:	41	Resp:	159516
Ion Ratio	Lower	Upper	
41	100		
69	91.3	67.8	101.6
39	52.9	44.6	67.0





#49

1,4-Dioxane

Concen: 913.442 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

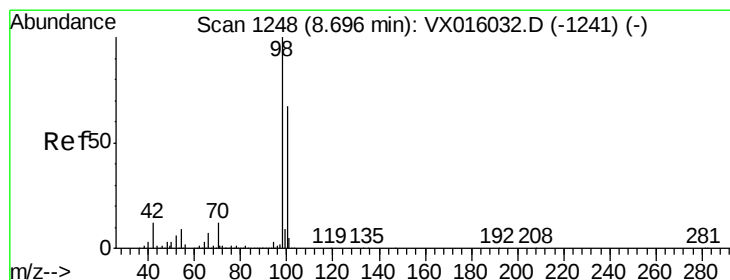
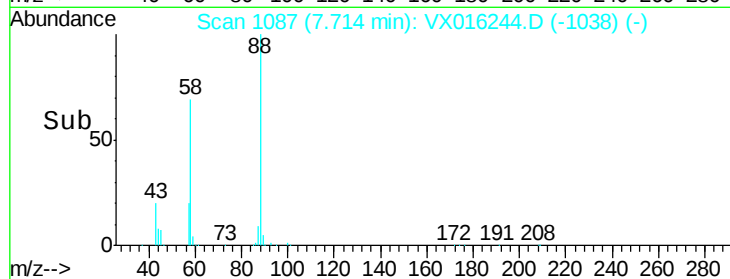
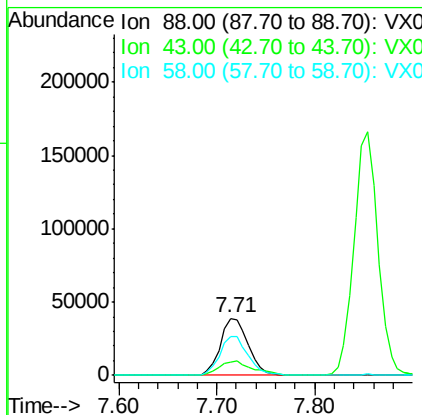
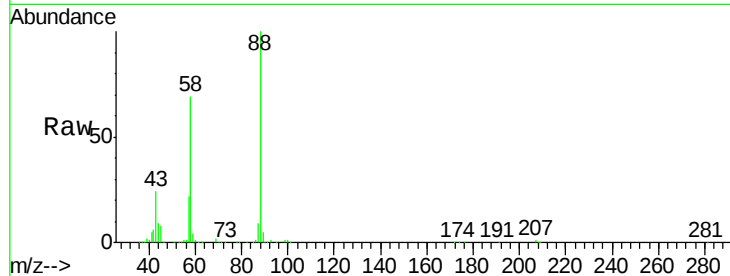
ClientSampleId :

SS052MW601-200513MSD

Tot Ion:	88	Resp:	76719
Ion	Ratio	Lower	Upper
88	100		
43	29.2	25.3	37.9
58	69.9	55.9	83.9

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#50

Toluene-d8

Concen: 48.437 ug/l

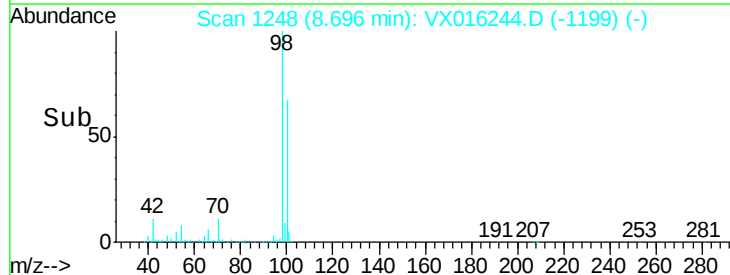
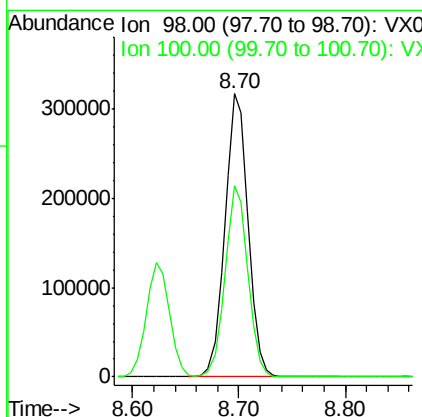
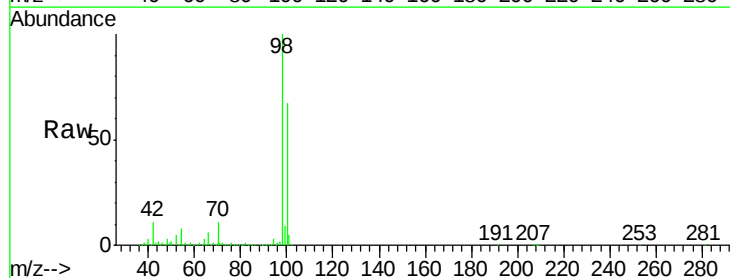
RT: 8.70 min Scan# 1248

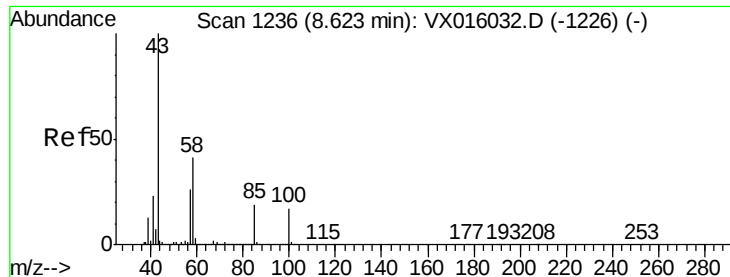
Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Tgt Ion:	98	Resp:	480041
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 239.383 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MSD

Tot Ion: 43 Resp: 1082622

Ion Ratio Lower Upper

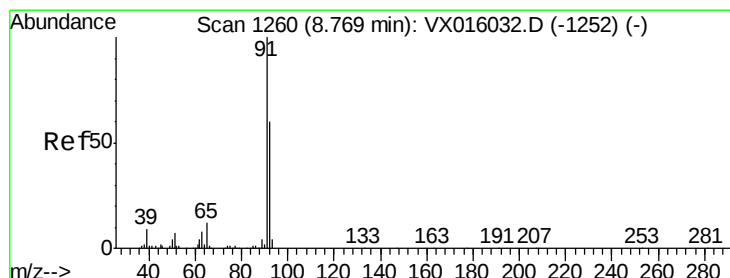
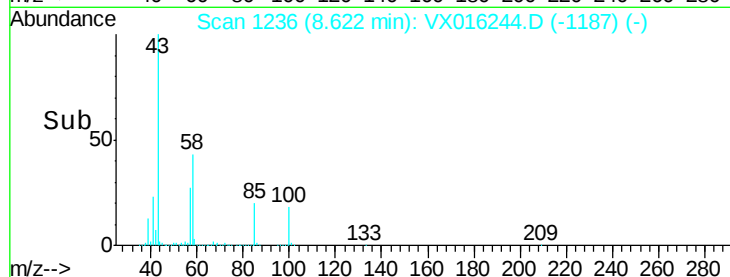
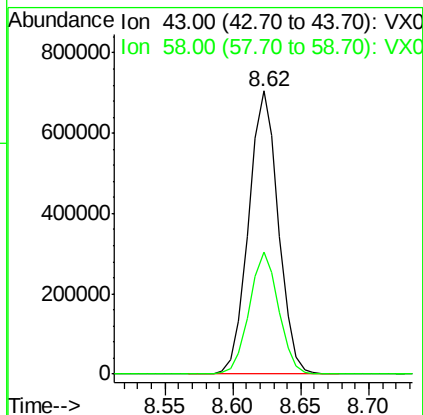
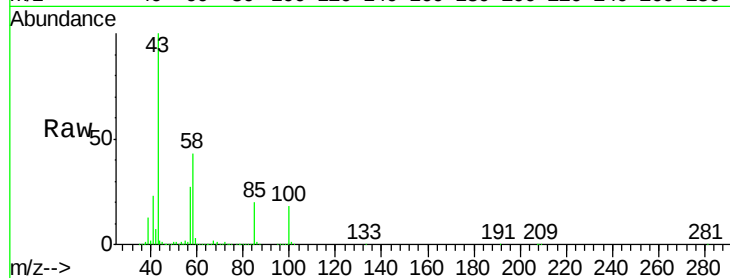
43 100

58 42.5 33.0 49.4

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#52

Toluene

Concen: 48.508 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016244.D

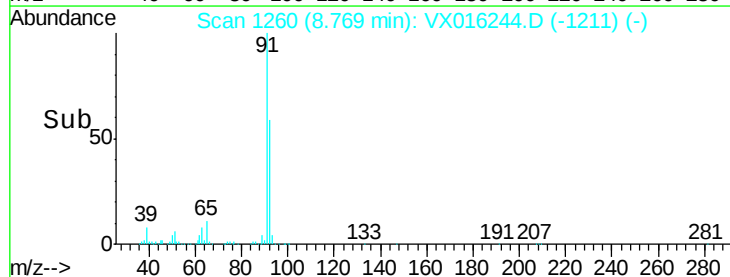
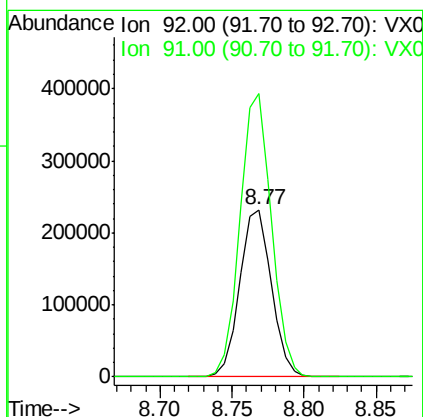
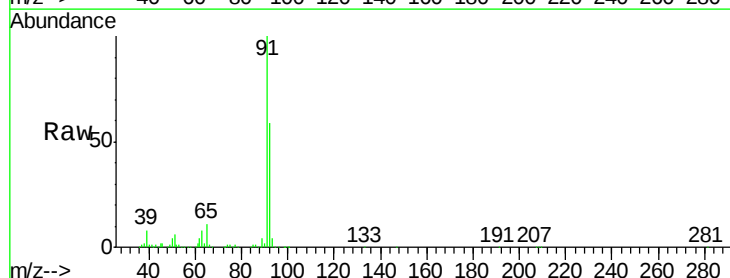
Acq: 14 May 2020 20:10

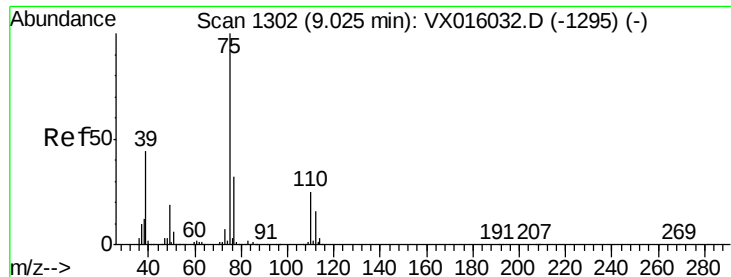
Tgt Ion: 92 Resp: 353559

Ion Ratio Lower Upper

92 100

91 168.3 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 47.324 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MSD

Tot Ion: 75 Resp: 231069

Ion Ratio Lower Upper

75 100

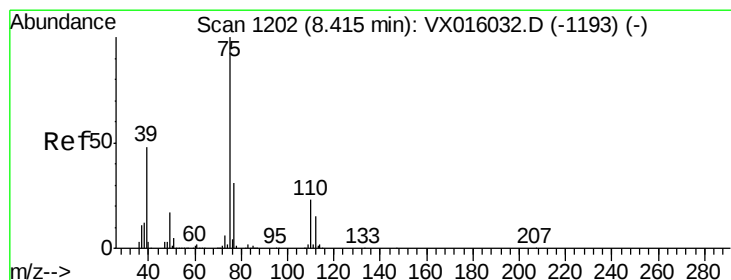
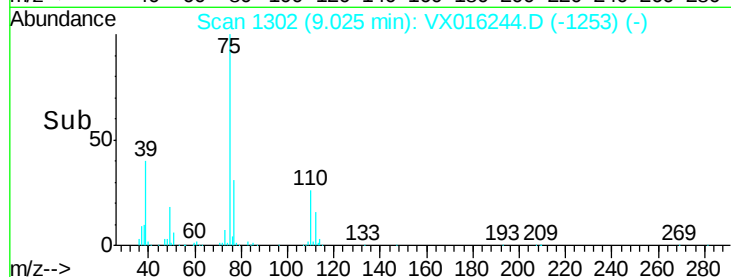
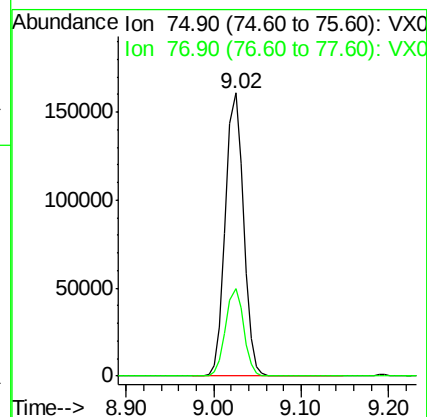
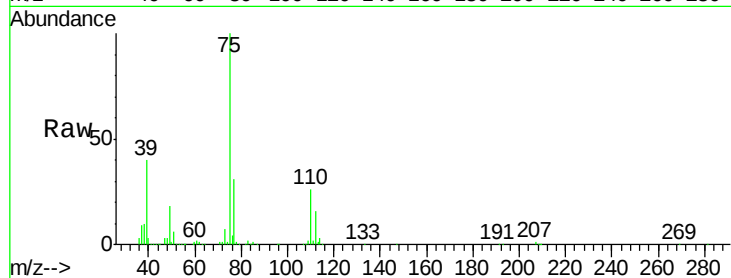
77 30.9 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 47.255 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

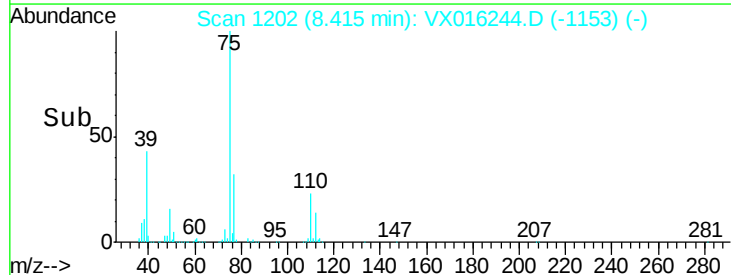
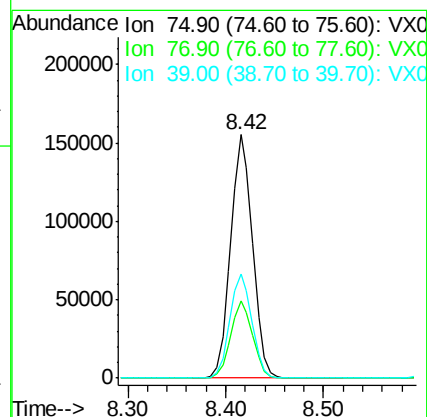
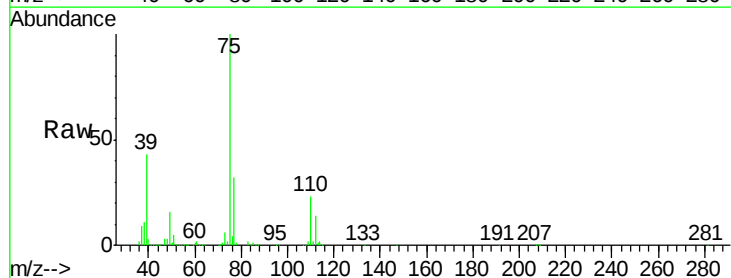
Tgt Ion: 75 Resp: 241000

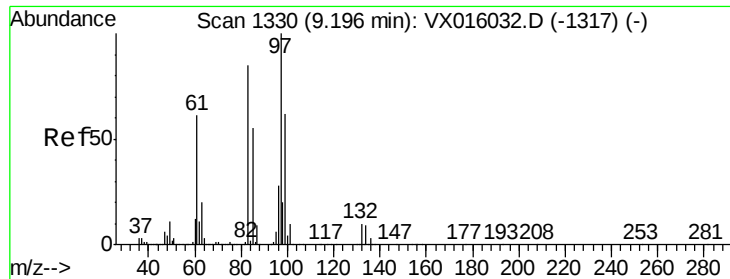
Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1

39 42.7 38.7 58.1





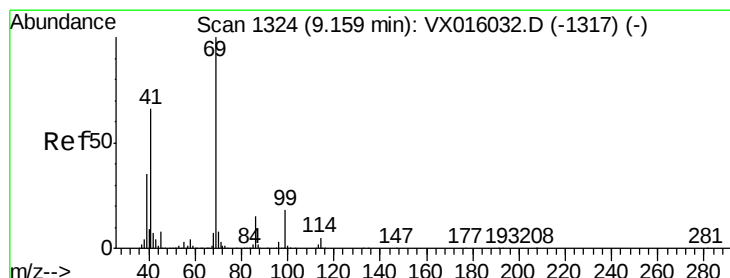
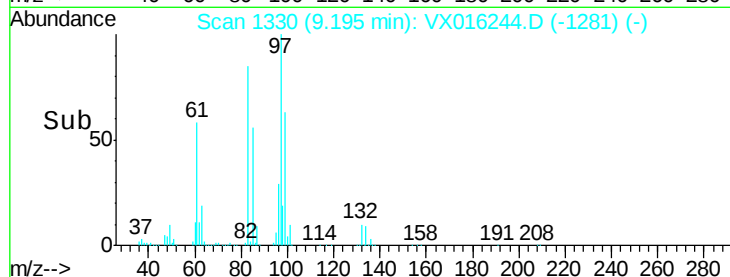
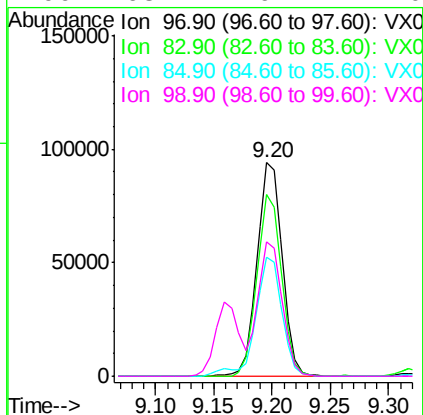
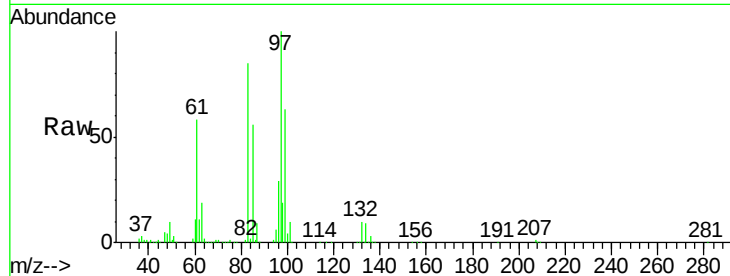
#55
 1,1,2-Trichloroethane
 Concen: 49.890 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016244.D
 Acq: 14 May 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MSD

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.8	101.8
85	55.5	43.8	65.8
99	63.1	49.4	74.0

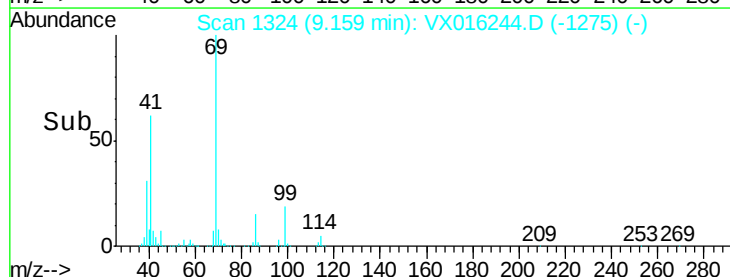
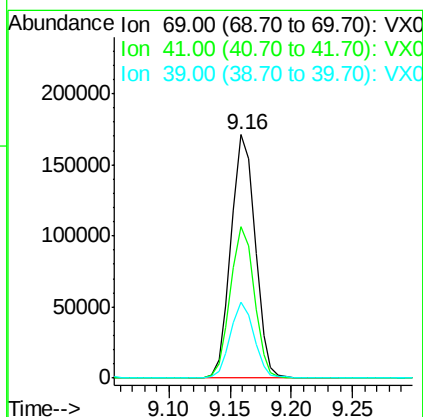
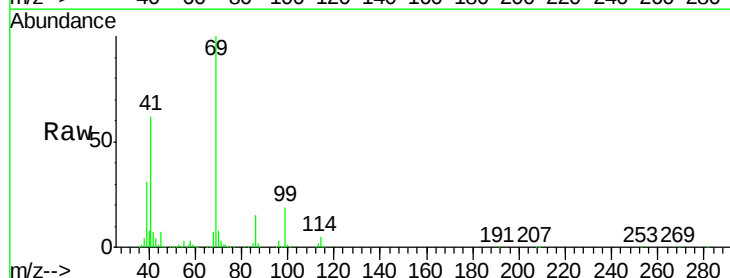
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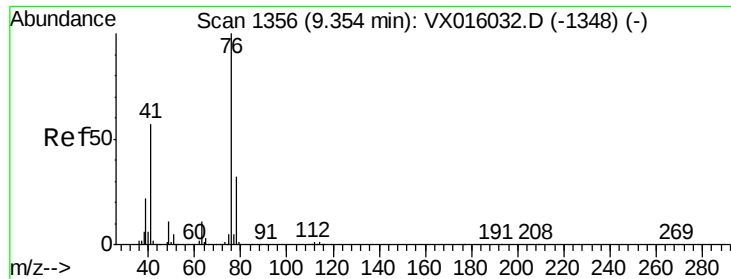
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#56
 Ethyl methacrylate
 Concen: 49.994 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016244.D
 Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.5	52.2	78.4
39	30.6	28.2	42.4





#57

1,3-Dichloropropane

Concen: 48.809 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MSD

Tot Ion: 76 Resp: 244226

Ion Ratio Lower Upper

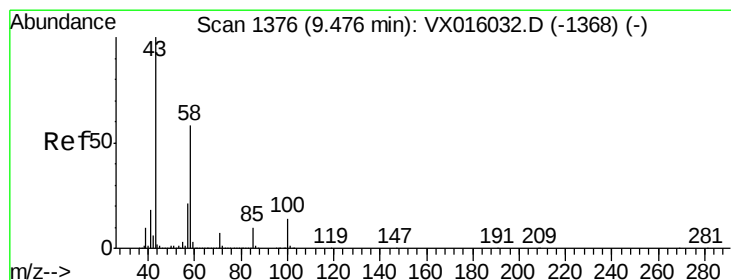
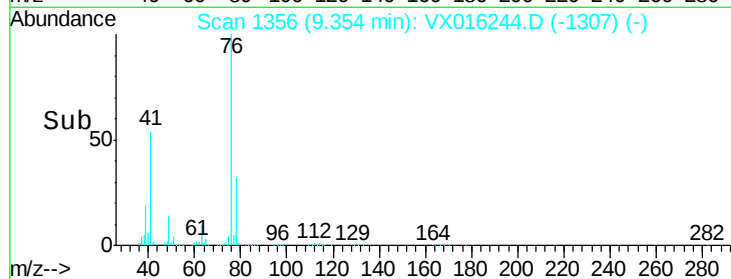
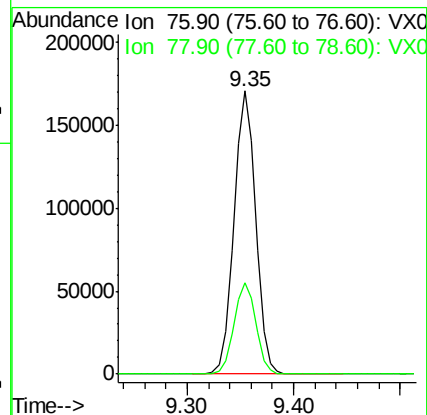
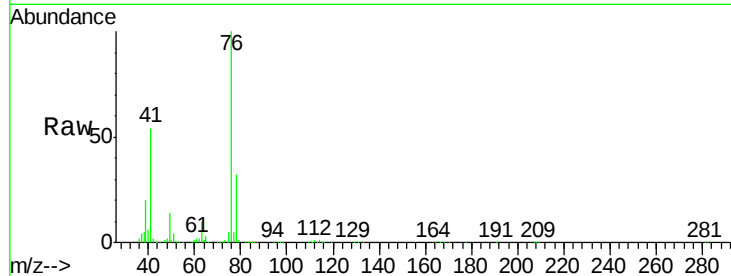
76 100

78 32.6 25.9 38.9

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#59

2-Hexanone

Concen: 237.273 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016244.D

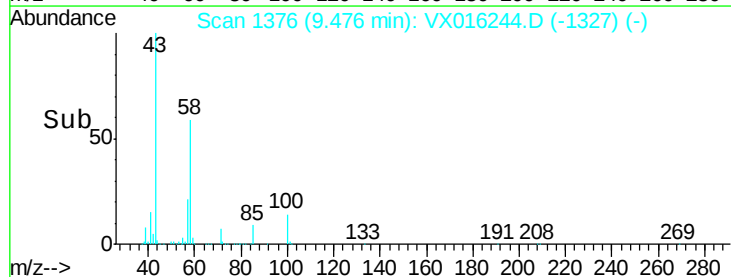
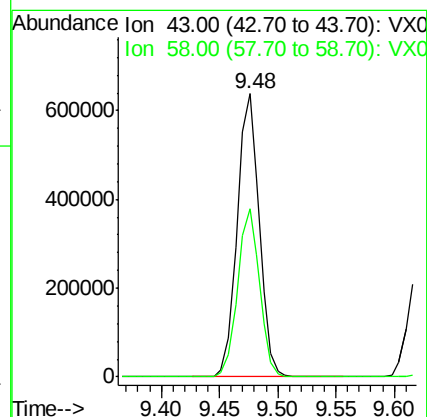
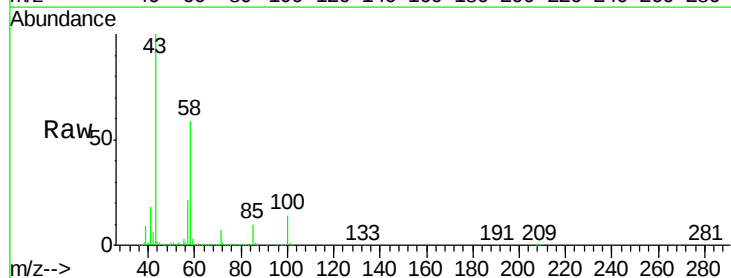
Acq: 14 May 2020 20:10

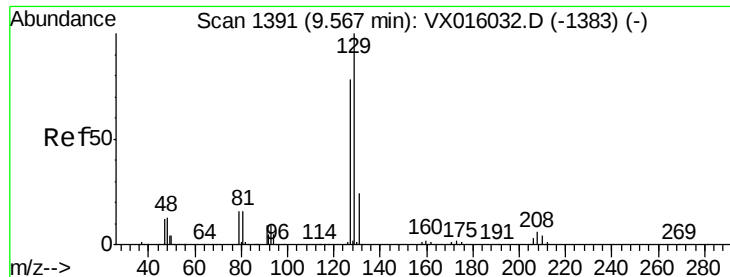
Tgt Ion: 43 Resp: 842715

Ion Ratio Lower Upper

43 100

58 59.3 28.6 85.9





#60

Dibromochloromethane

Concen: 50.809 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MSD

Tot Ion:129 Resp: 160470

Ion Ratio Lower Upper

129 100

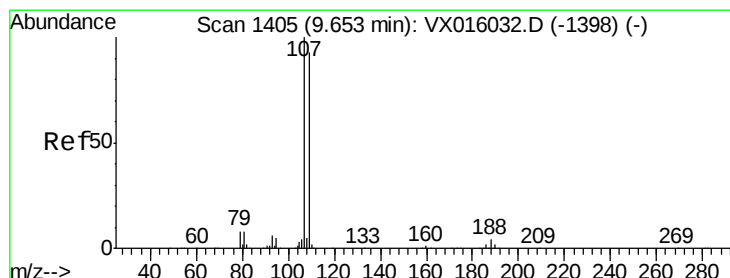
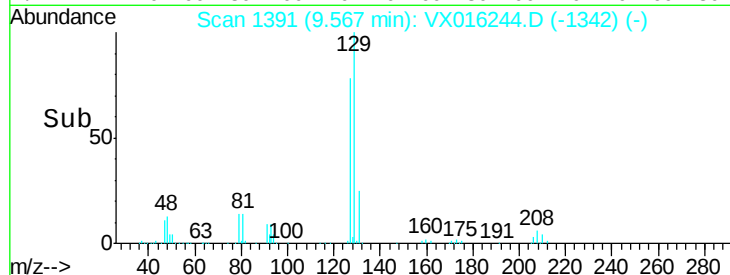
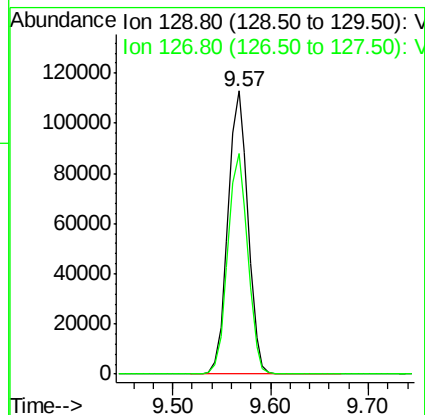
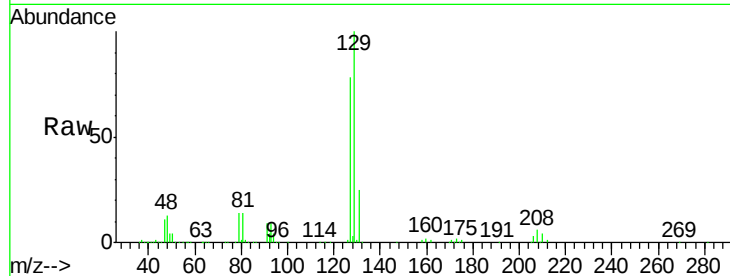
127 78.0 38.4 115.2

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 48.946 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016244.D

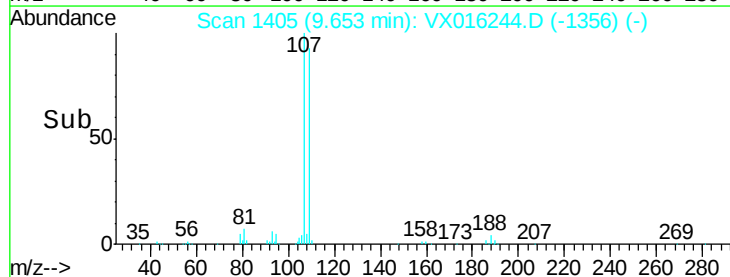
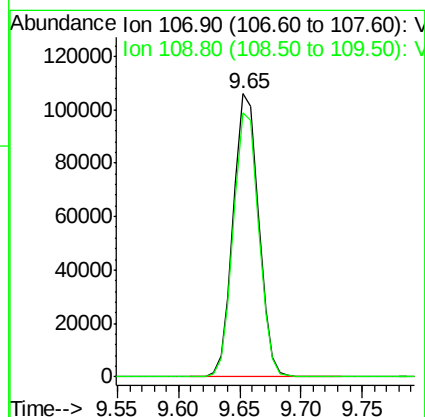
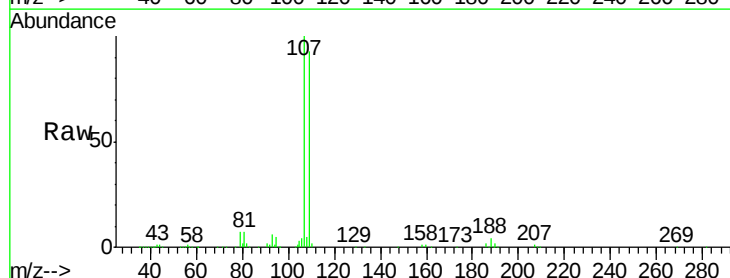
Acq: 14 May 2020 20:10

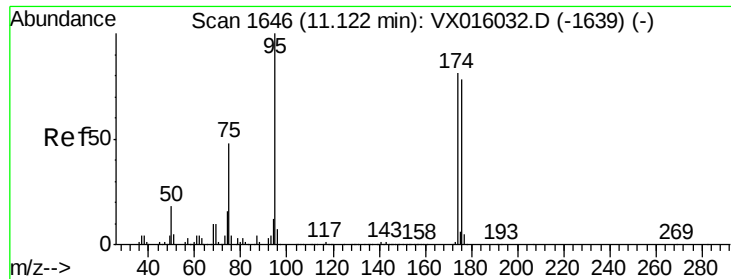
Tgt Ion:107 Resp: 152034

Ion Ratio Lower Upper

107 100

109 93.5 74.9 112.3





#62

4-Bromofluorobenzene

Concen: 49.682 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

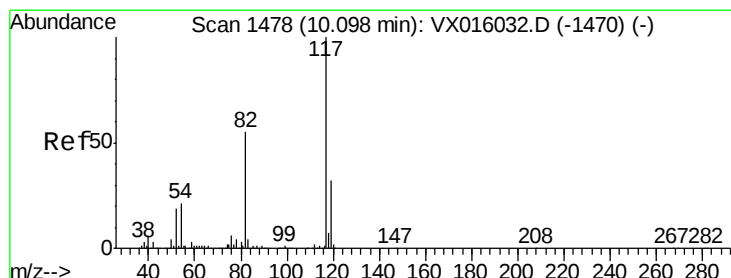
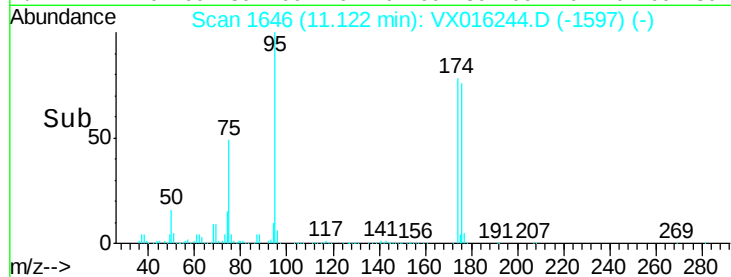
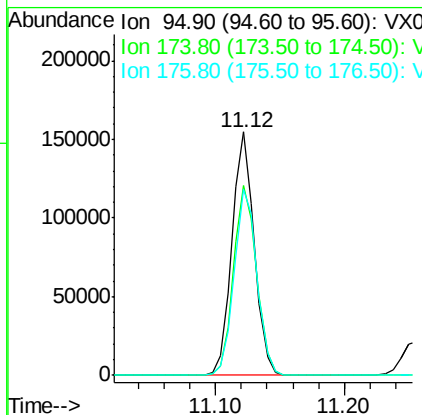
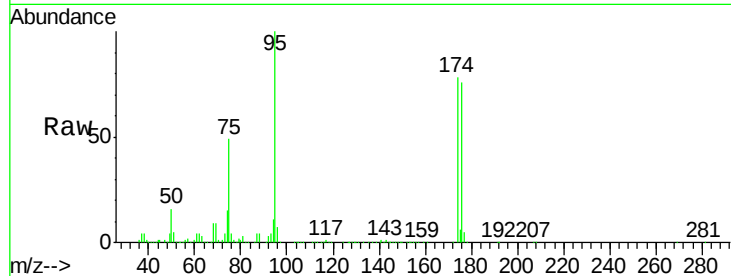
ClientSampleId :

SS052MW601-200513MSD

Tot Ion:	95	Resp:	187278
Ion Ratio	Lower	Upper	
95	100		
174	80.1	0.0	159.4
176	77.9	0.0	157.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

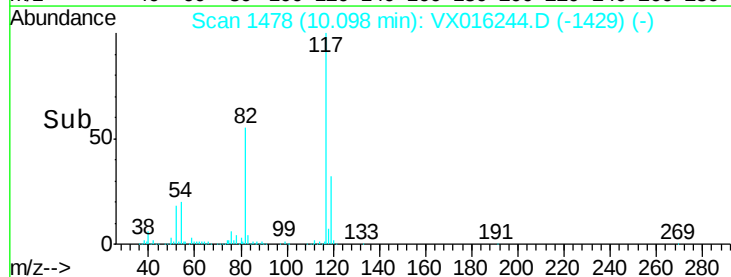
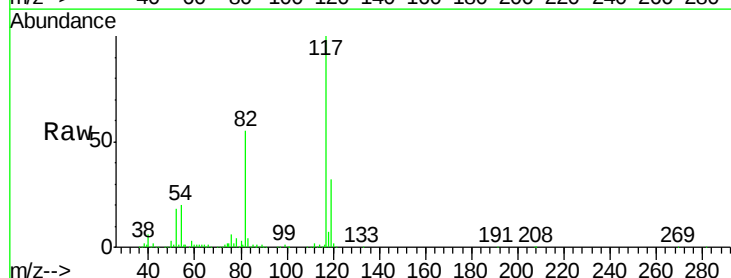
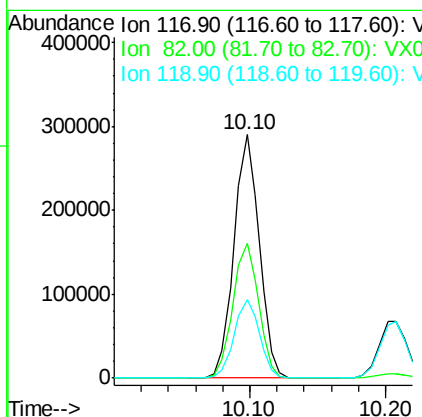
RT: 10.10 min Scan# 1478

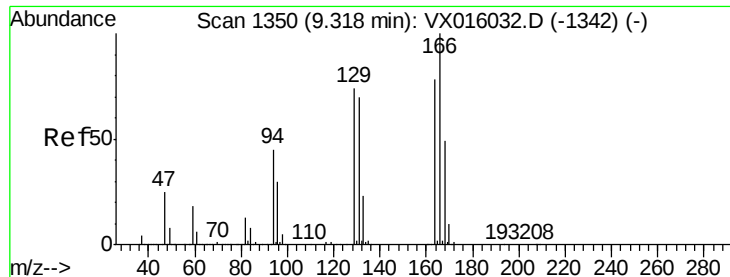
Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Tgt Ion:	117	Resp:	375674
Ion Ratio	Lower	Upper	
117	100		
82	55.3	44.4	66.6
119	32.3	25.5	38.3





#64

Tetrachloroethene

Concen: 43.819 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

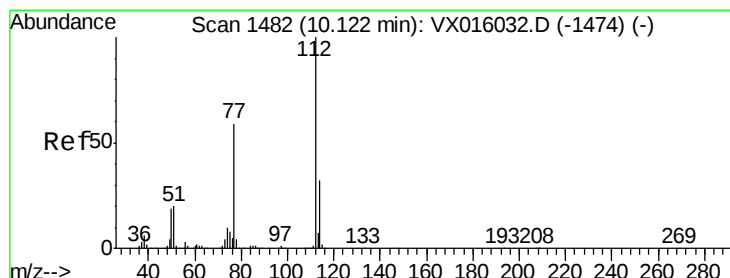
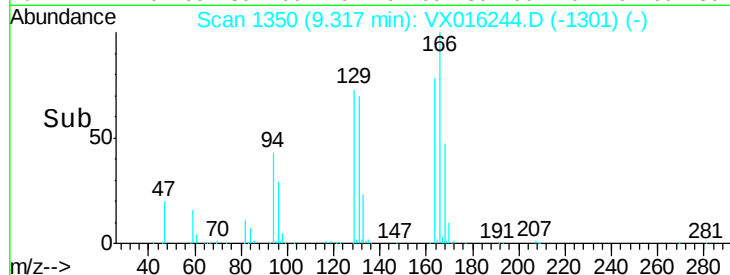
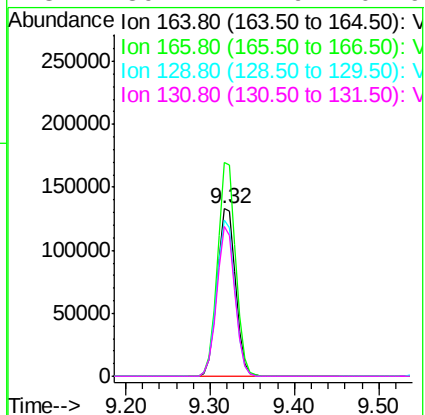
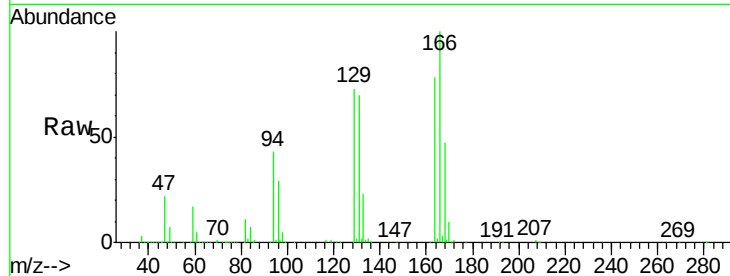
ClientSampleId :

SS052MW601-200513MSD

Tot Ion	164	Resp	202090
Ion	Ratio	Lower	Upper
164	100		
166	127.8	102.9	154.3
129	93.8	76.1	114.1
131	89.7	71.9	107.9

Manual Integrations
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#65

Chlorobenzene

Concen: 47.744 ug/l

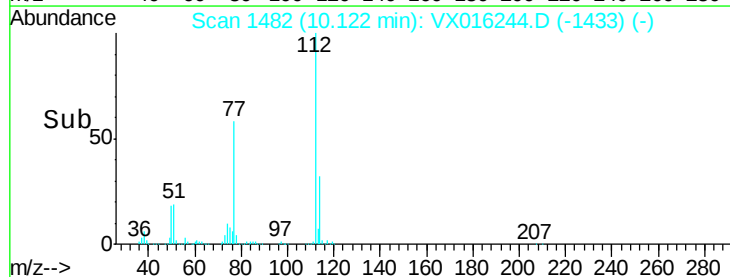
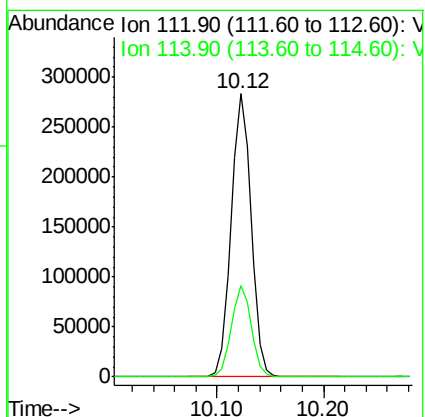
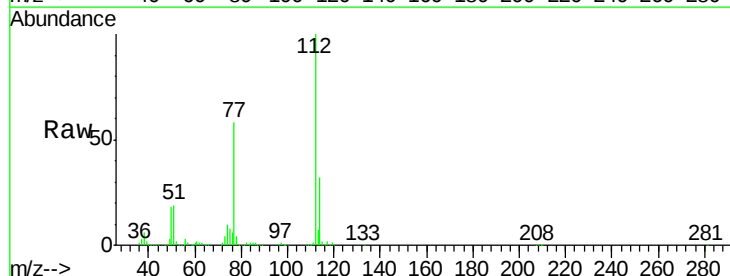
RT: 10.12 min Scan# 1482

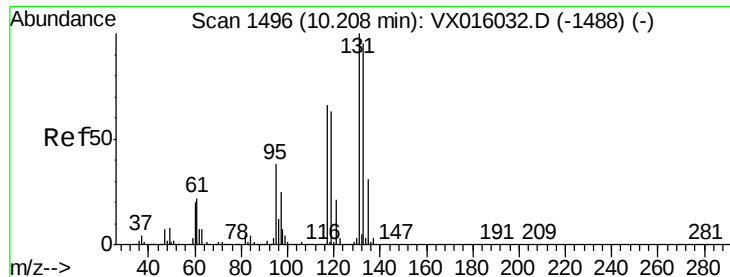
Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Tgt Ion	112	Resp	375562
Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 49.881 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

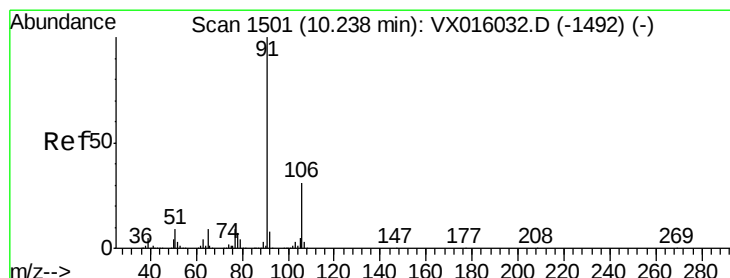
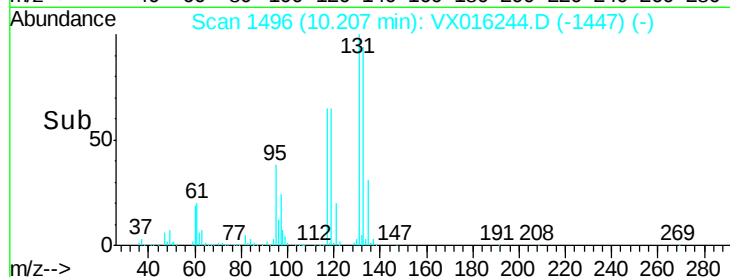
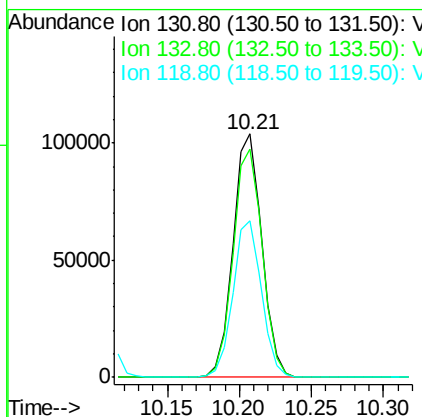
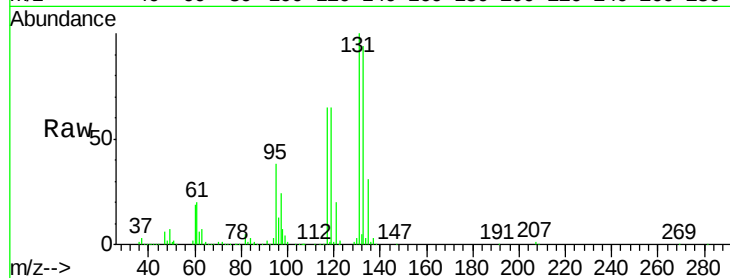
ClientSampleId :

SS052MW601-200513MSD

Tot Ion:	131	Resp:	145025
Ion Ratio	Lower	Upper	
131	100		
133	95.2	48.3	144.8
119	63.9	32.3	96.9

Manual Integrations
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#67

Ethyl Benzene

Concen: 47.727 ug/l

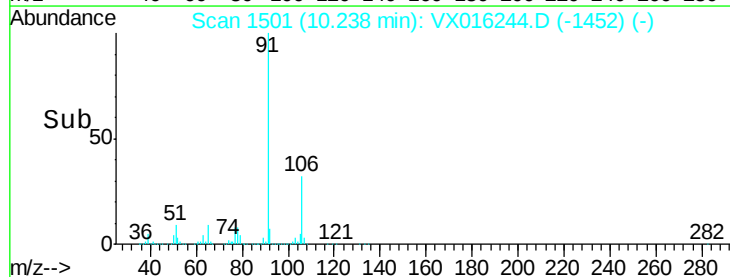
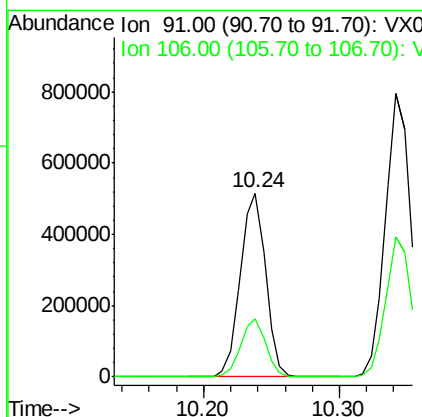
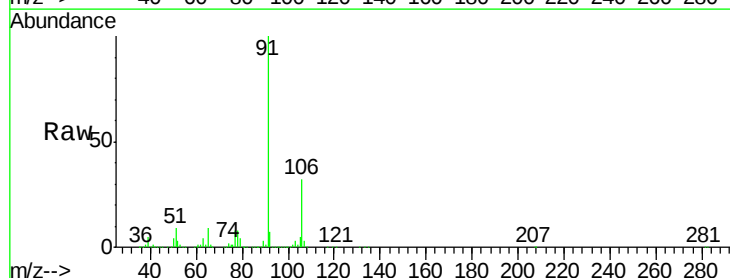
RT: 10.24 min Scan# 1501

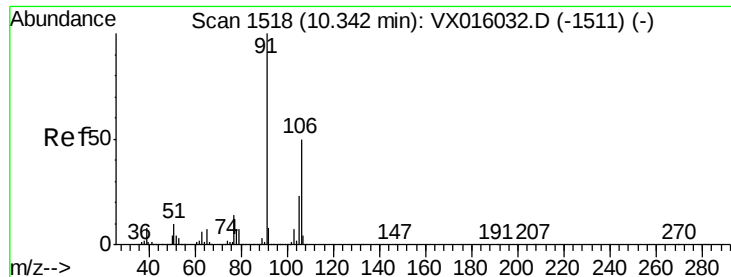
Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Tgt Ion:	91	Resp:	669866
Ion Ratio	Lower	Upper	
91	100		
106	31.8	25.1	37.7





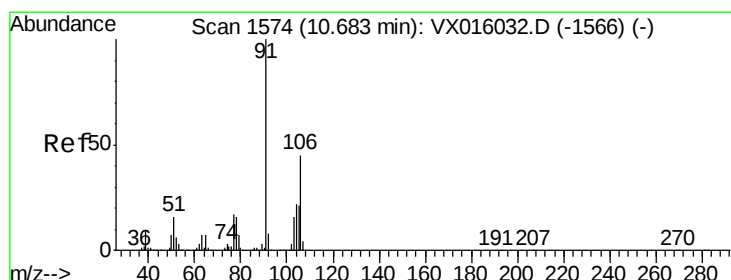
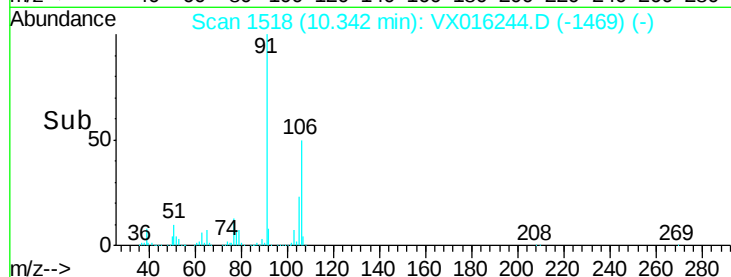
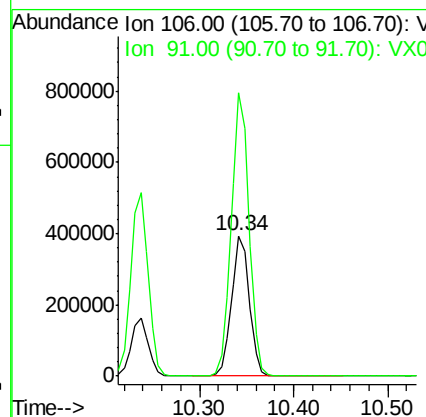
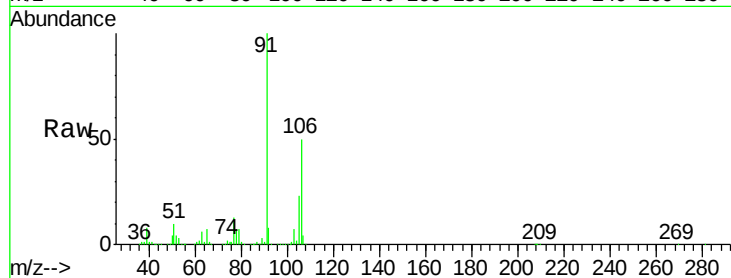
#68
m/p-Xvlenes
Concen: 97.657 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MSD

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.8	161.7	242.5

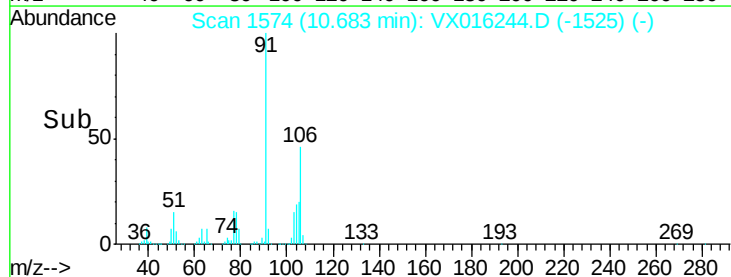
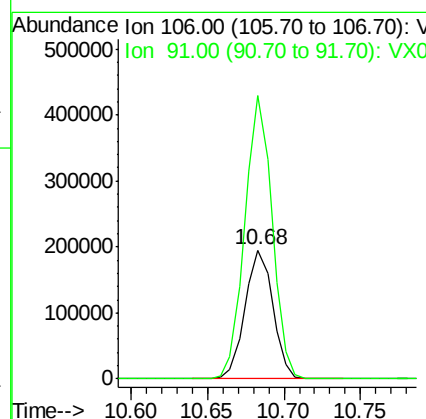
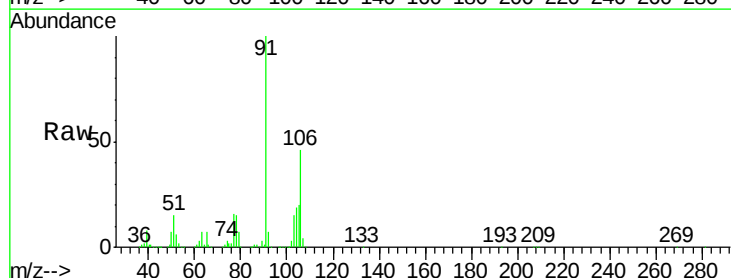
Manual Integrations
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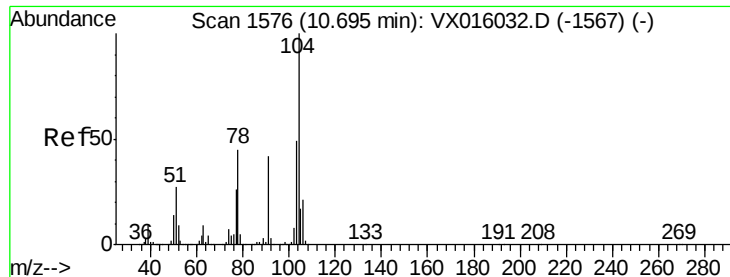
MMDadoda
5/15/2020 12:29:23 PM



#69
o-Xylene
Concen: 49.107 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Lower	Upper
106	100		
91	214.6	107.5	322.6





#70

Stvrene

Concen: 49.017 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

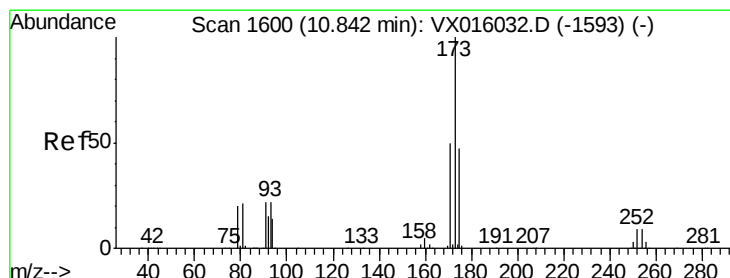
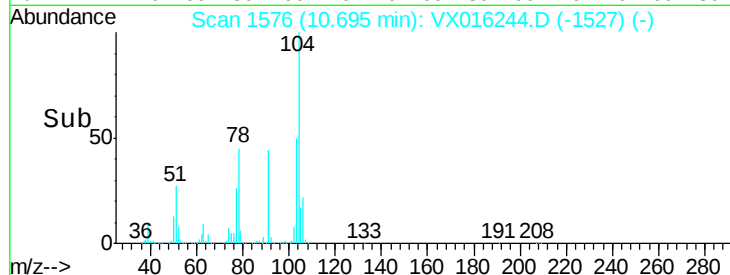
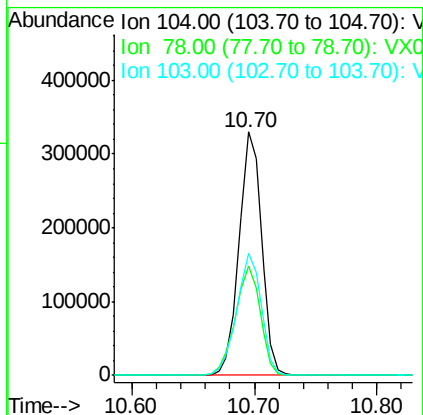
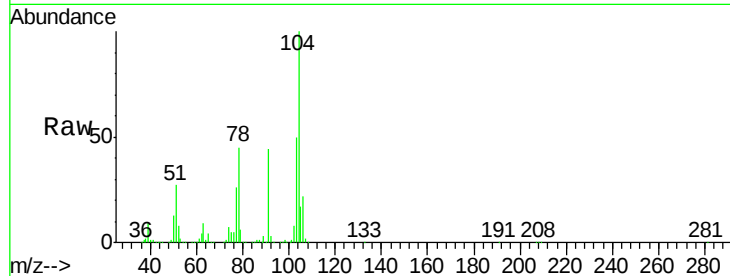
ClientSampleId :

SS052MW601-200513MSD

Tot Ion:	104	Resp:	420333
Ion Ratio	Lower	Upper	
104	100		
78	49.5	40.2	60.2
103	54.3	43.0	64.6

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#71

Bromoform

Concen: 53.374 ug/l

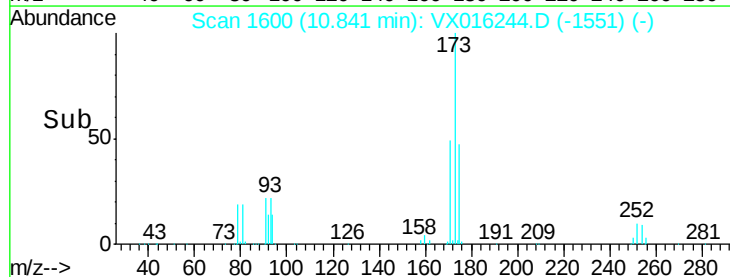
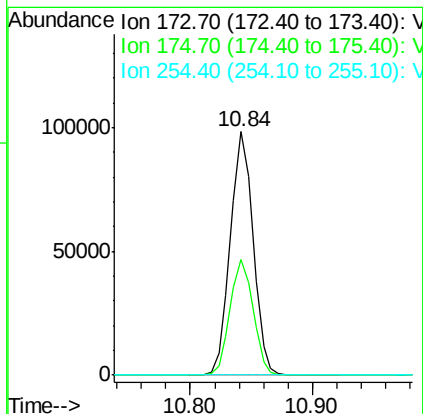
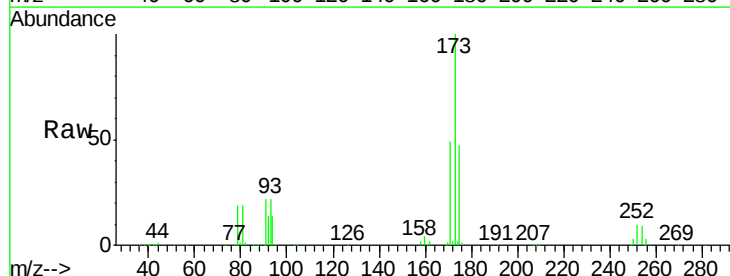
RT: 10.84 min Scan# 1600

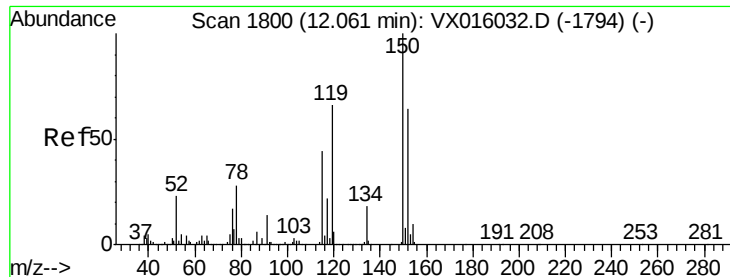
Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Tgt Ion:	173	Resp:	126431
Ion Ratio	Lower	Upper	
173	100		
175	48.2	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: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

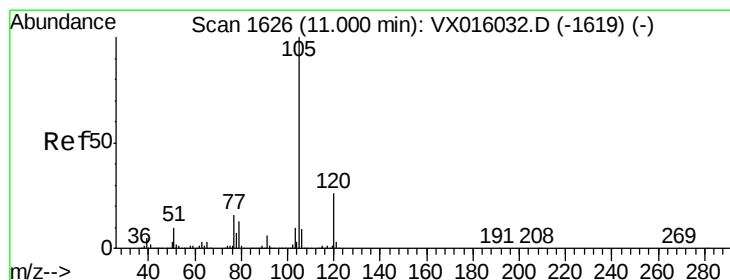
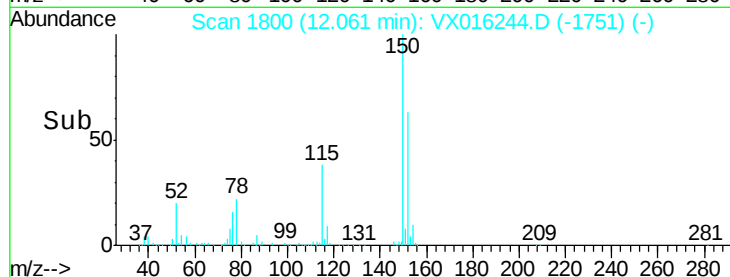
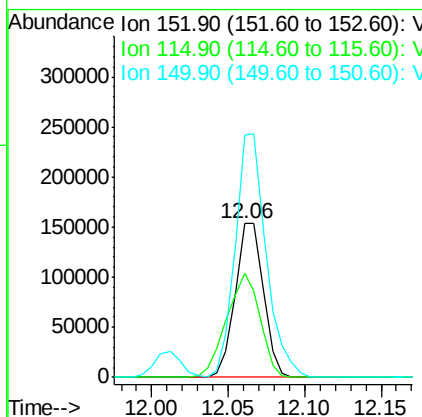
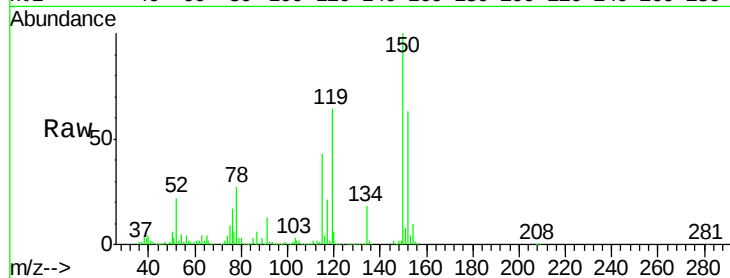
ClientSampleId :

SS052MW601-200513MSD

Tot Ion:	152	Resp:	197174
Ion Ratio	Lower	Upper	
152	100		
115	79.7	41.3	124.1
150	173.0	0.0	352.2

Manual Integrations
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#73

Isopropylbenzene

Concen: 46.185 ug/l

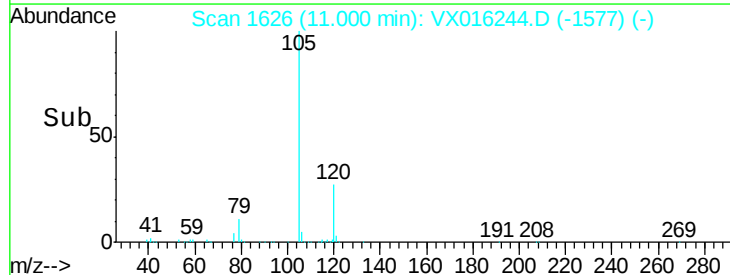
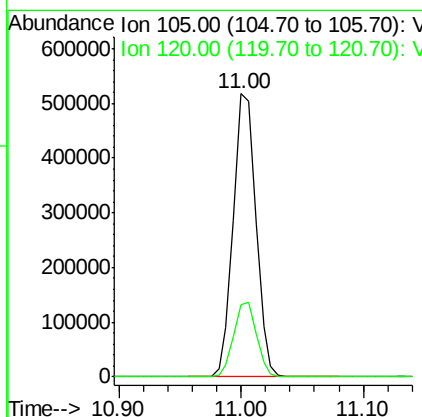
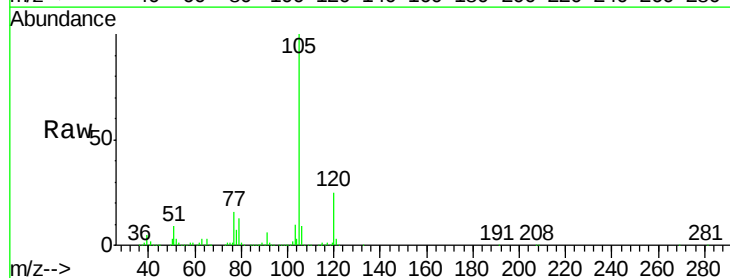
RT: 11.00 min Scan# 1626

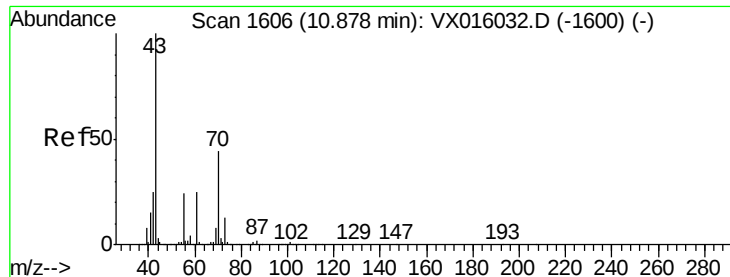
Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Tgt Ion:	105	Resp:	662351
Ion Ratio	Lower	Upper	
105	100		
120	26.4	13.4	40.2





#74

N-amvl acetate

Concen: 43.588 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

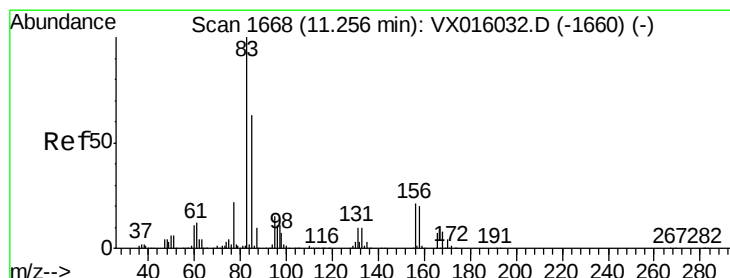
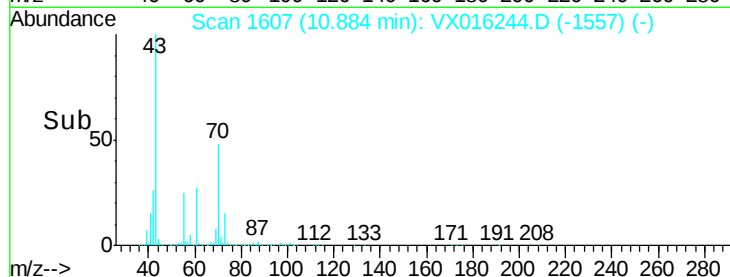
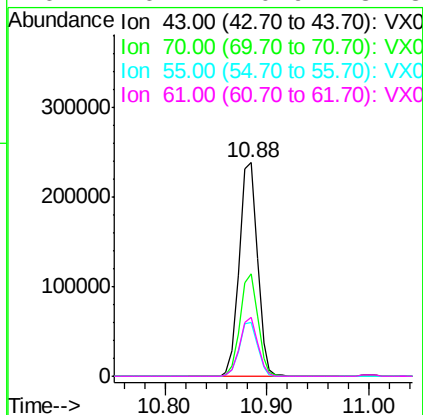
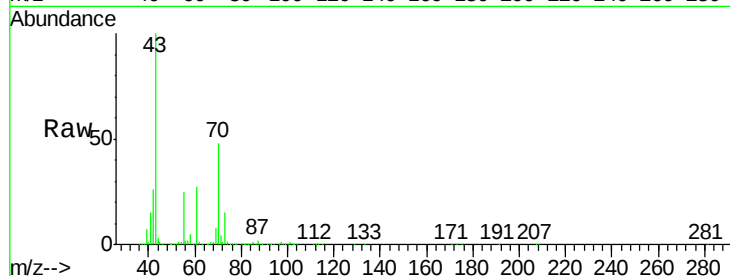
ClientSampleId :

SS052MW601-200513MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	47.0	36.5	54.7	
55	25.4	19.7	29.5	
61	26.7	20.9	31.3	

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 61.140 ug/l

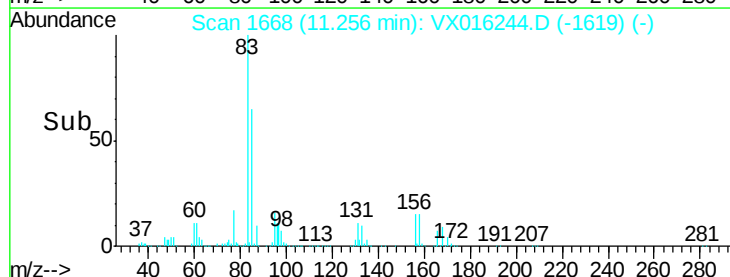
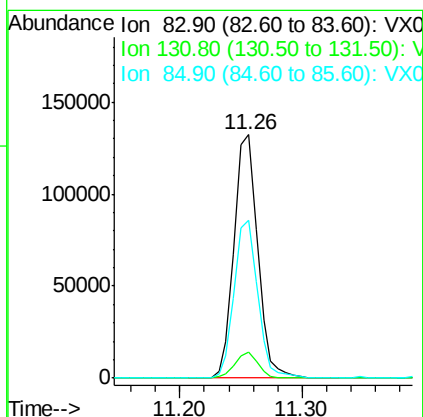
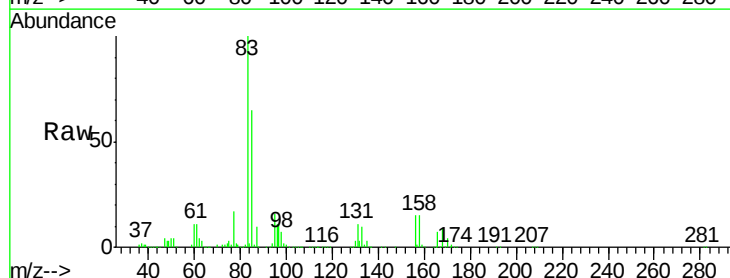
RT: 11.26 min Scan# 1668

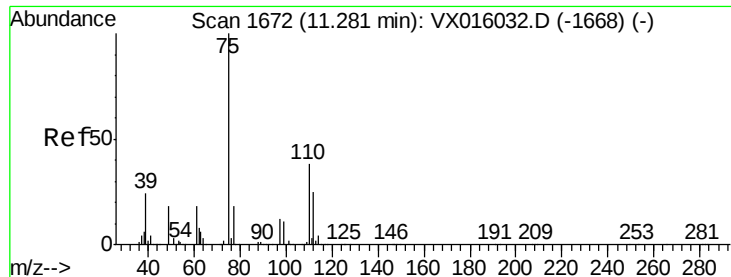
Delta R.T. 0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.4	5.1	15.4	
85	64.9	32.0	96.0	





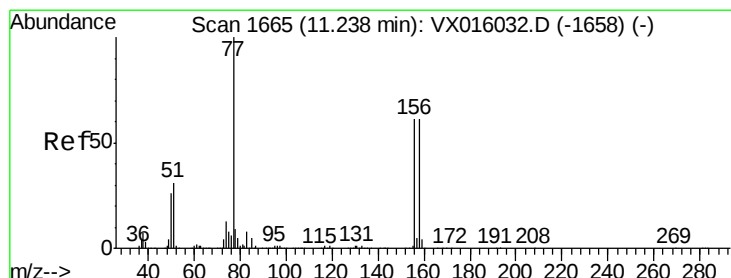
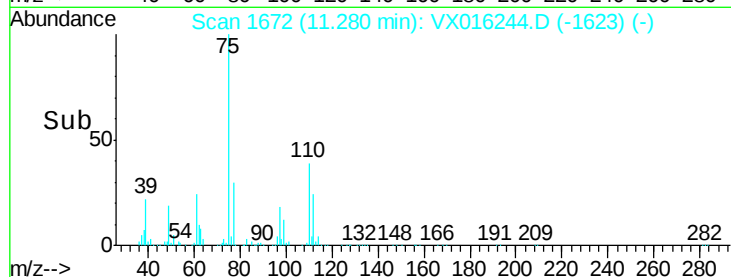
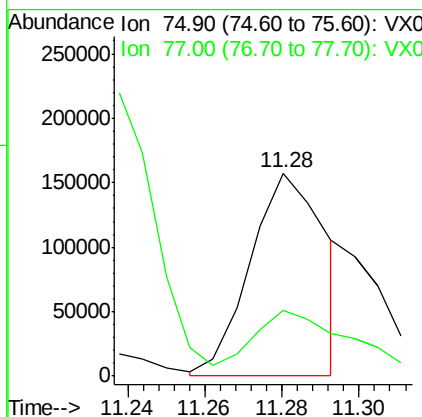
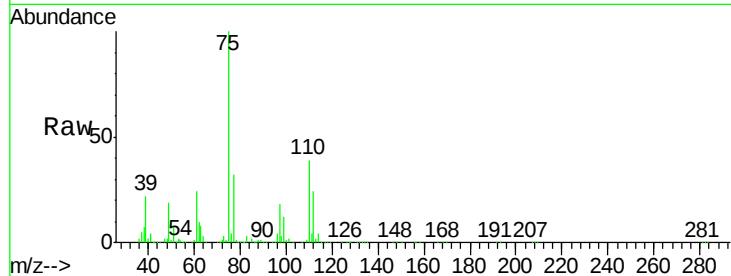
#76
 1,2,3-Trichloropropane
 Concen: 47.402 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX016244.D
 Acq: 14 May 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MSD

Tot Ion: 75 Resp: 212092
 Ion Ratio Lower Upper
 75 100
 77 42.6 21.2 63.6

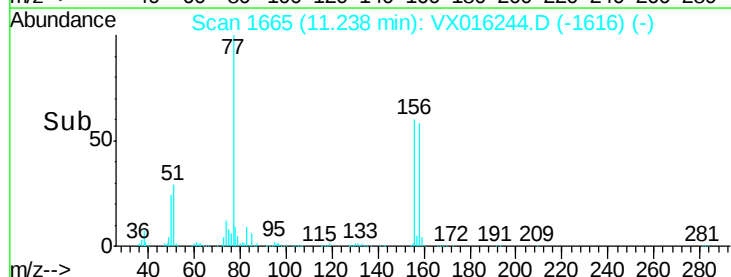
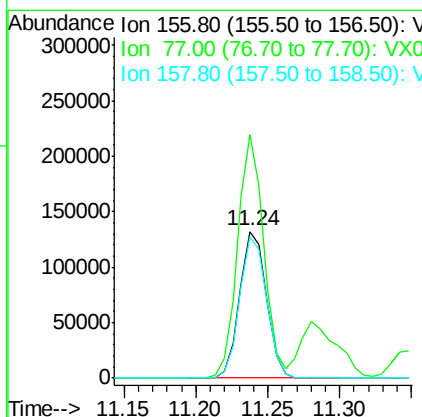
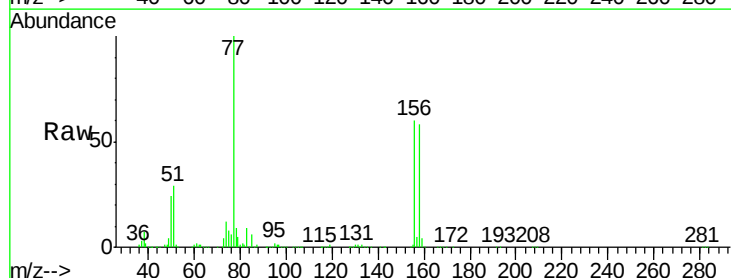
Manual Integrations
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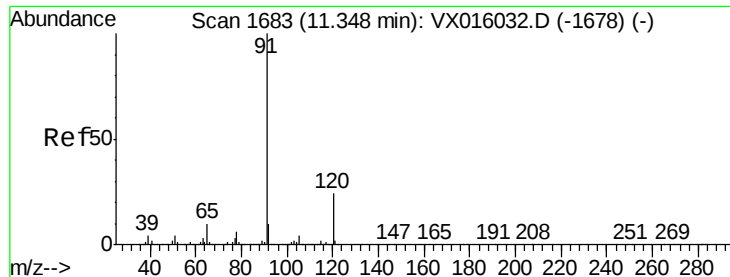
MMDadoda
 5/15/2020 12:29:23 PM



#77
 Bromobenzene
 Concen: 46.095 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VX016244.D
 Acq: 14 May 2020 20:10

Tgt Ion: 156 Resp: 170630
 Ion Ratio Lower Upper
 156 100
 77 161.4 80.1 240.3
 158 96.8 49.4 148.2





#78

n-propylbenzene

Concen: 45.508 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MSD

Tot Ion: 91 Resp: 759260

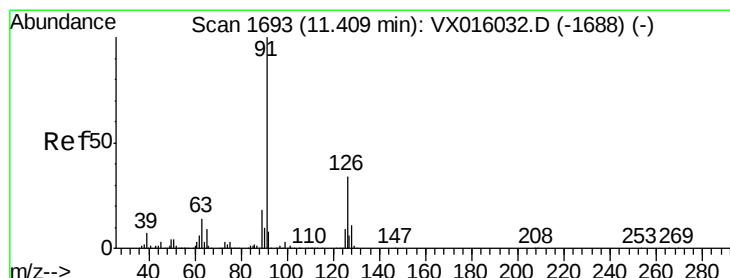
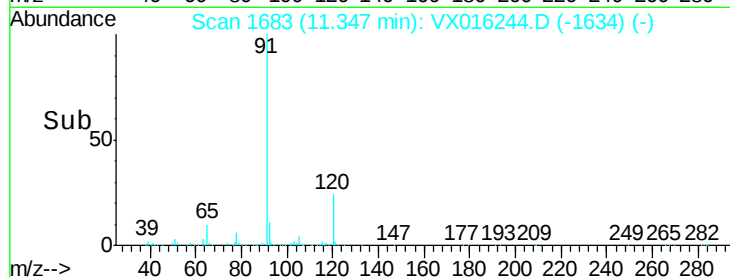
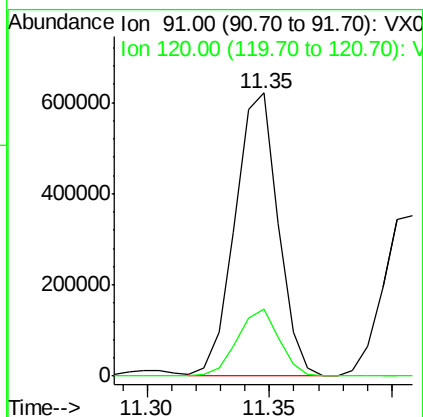
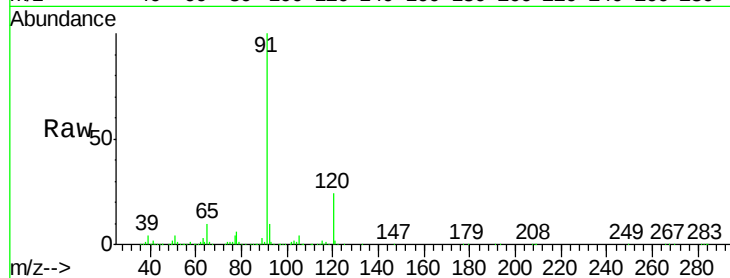
Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.5

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#79

2-Chlorotoluene

Concen: 46.742 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016244.D

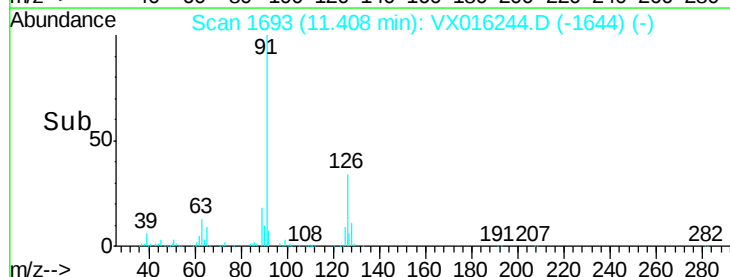
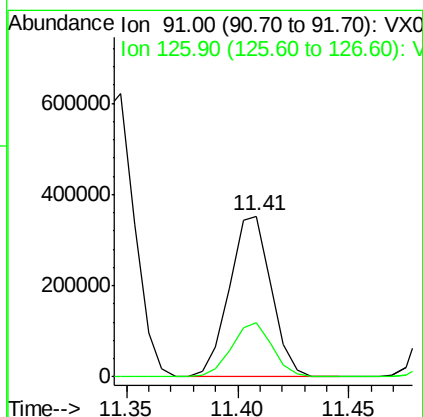
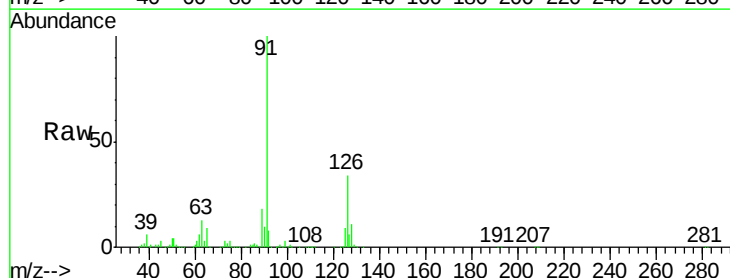
Acq: 14 May 2020 20:10

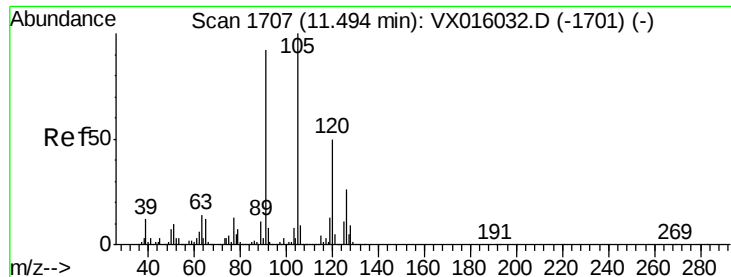
Tgt Ion: 91 Resp: 460316

Ion Ratio Lower Upper

91 100

126 33.3 16.9 50.6





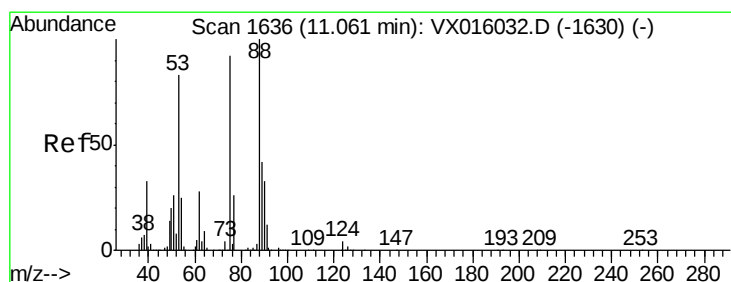
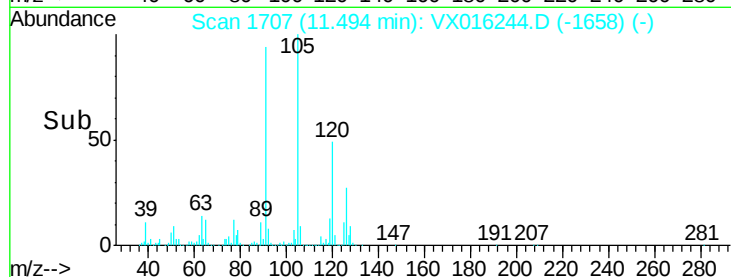
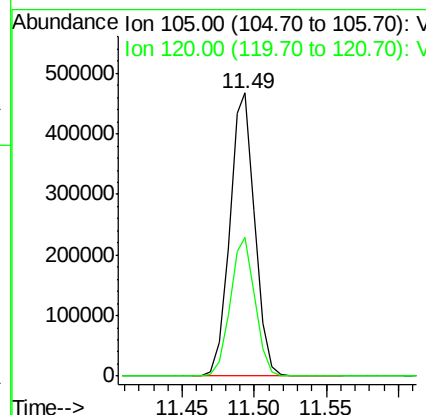
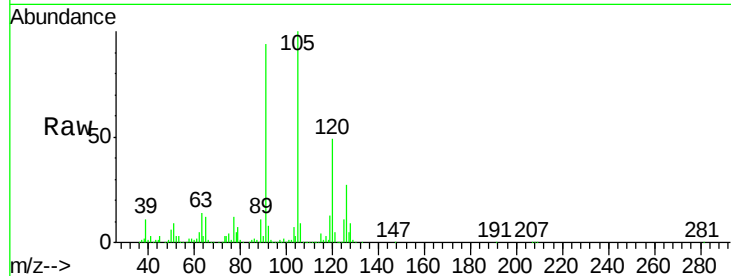
#80
 1,3,5-Trimethylbenzene
 Concen: 46.903 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016244.D
 Acq: 14 May 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MSD

Tot Ion: 105 Resp: 567942
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 74.0

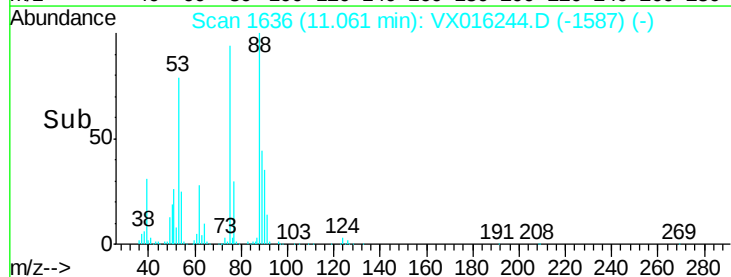
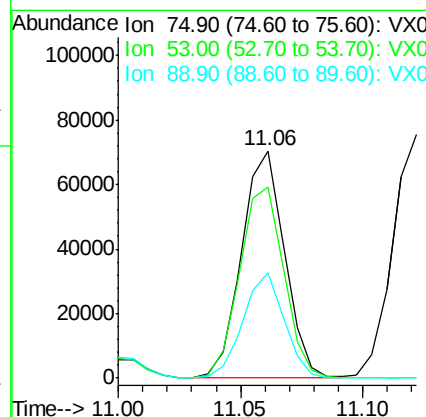
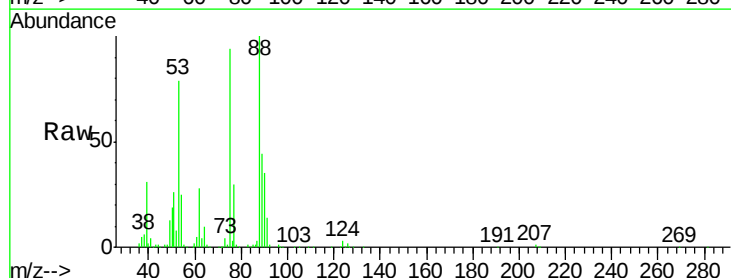
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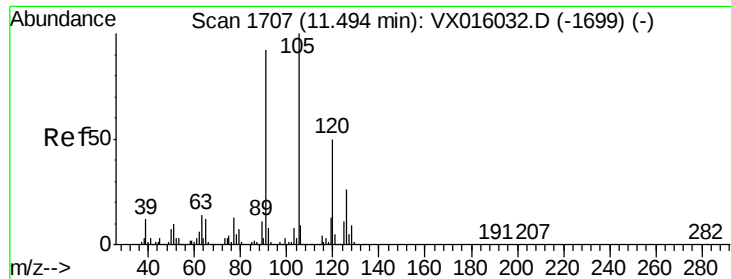
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.700 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016244.D
 Acq: 14 May 2020 20:10

Tgt Ion: 75 Resp: 85803
 Ion Ratio Lower Upper
 75 100
 53 87.3 73.1 109.7
 89 44.9 36.7 55.1





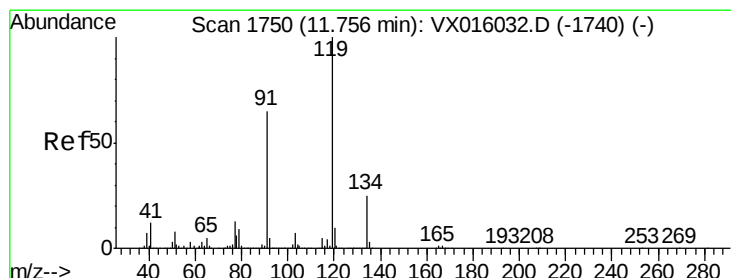
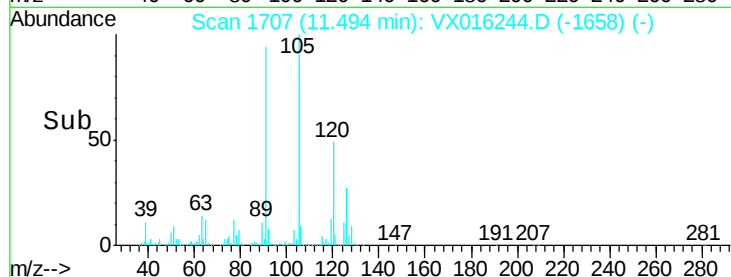
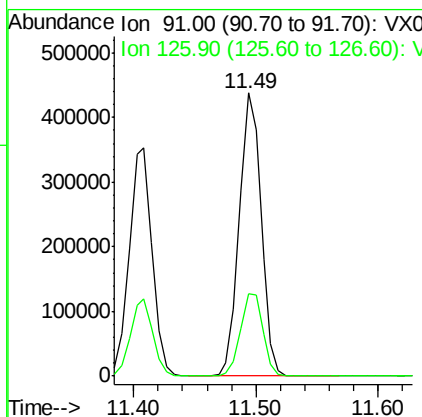
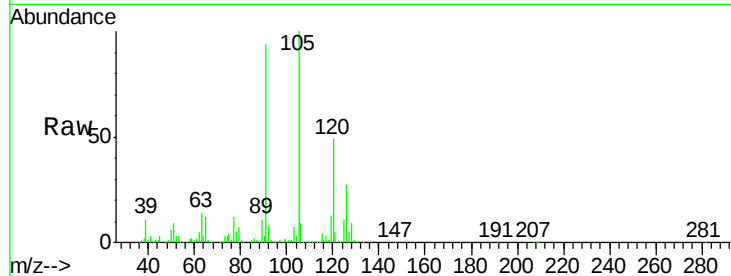
#82
4-Chlorotoluene
Concen: 46.426 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	539902		
126	30.0	14.8	44.3	

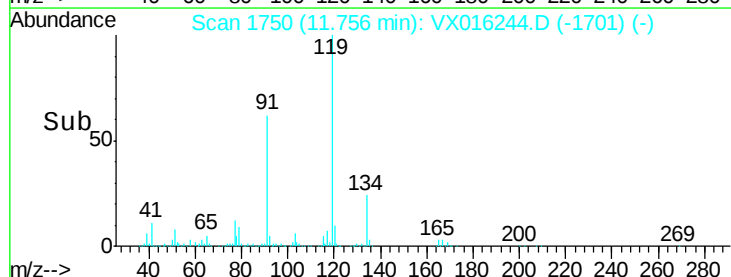
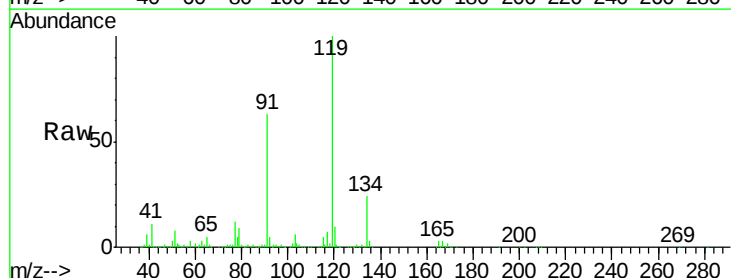
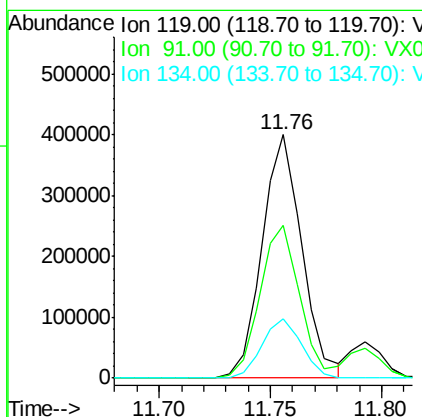
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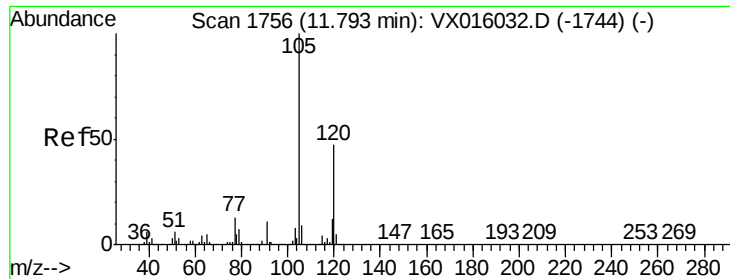
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#83
tert-Butylbenzene
Concen: 47.482 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	495484		
91	62.2	32.8	98.4	
134	24.2	12.4	37.0	





#84

1,2,4-Trimethylbenzene

Concen: 47.045 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MSD

Tot Ion:105 Resp: 575915

Ion Ratio Lower Upper

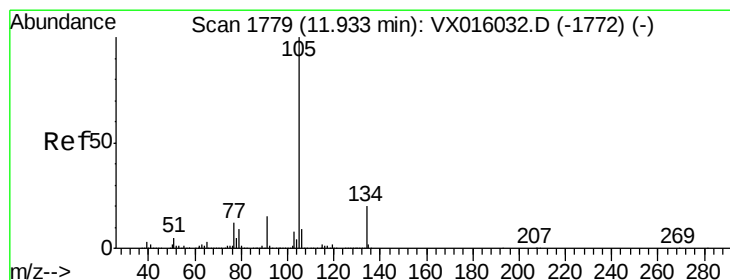
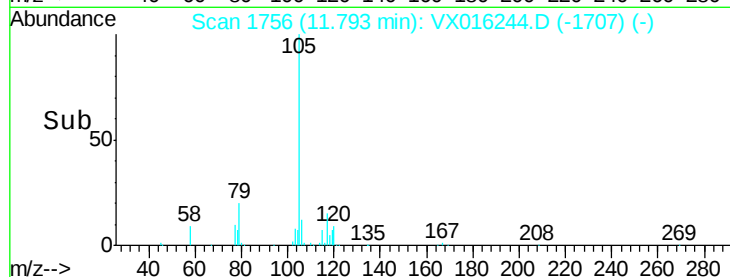
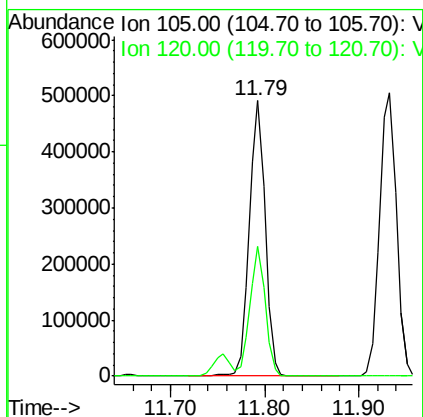
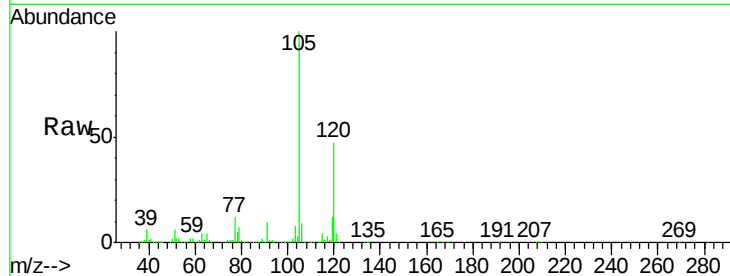
105 100

120 45.5 23.0 69.0

Manual Integrations
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#85

sec-Butylbenzene

Concen: 44.658 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016244.D

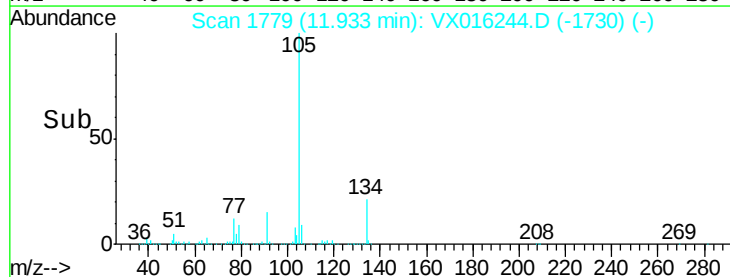
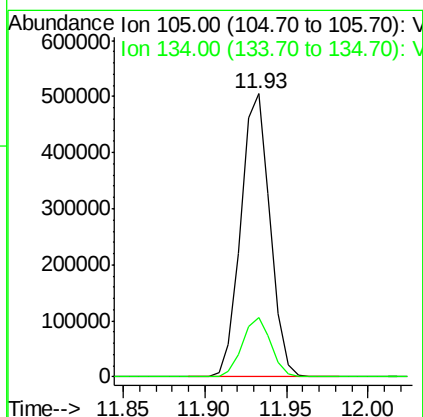
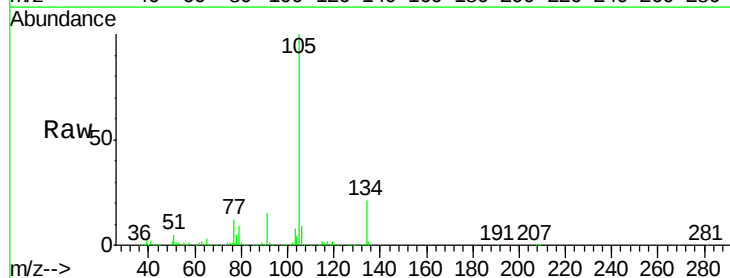
Acq: 14 May 2020 20:10

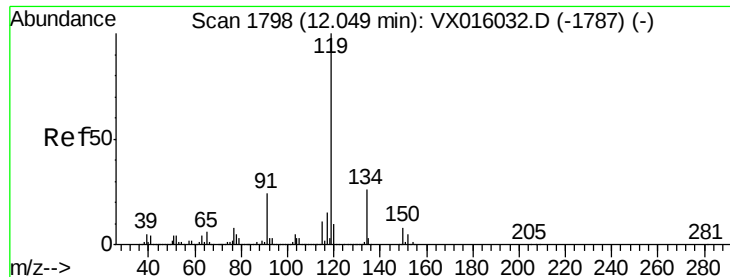
Tgt Ion:105 Resp: 629205

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.3





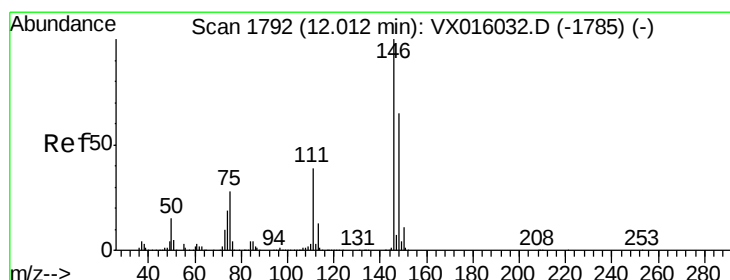
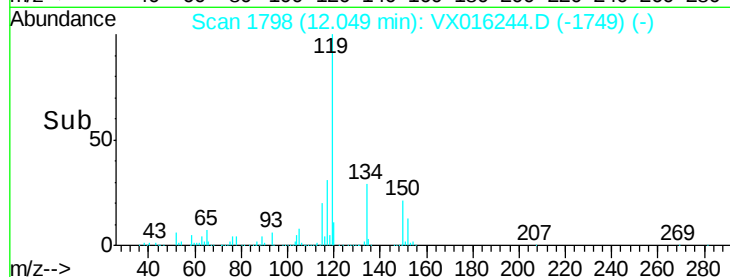
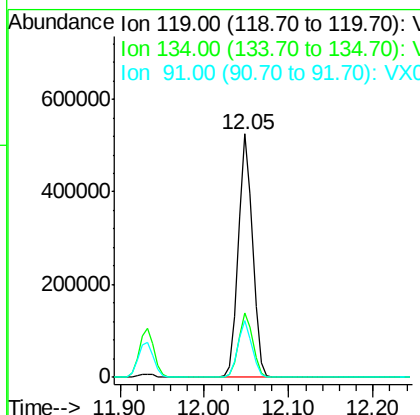
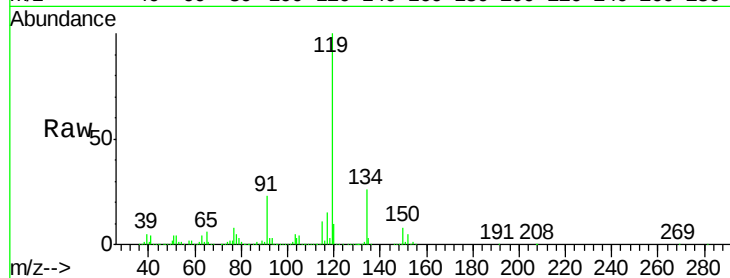
#86
p-Isopropyltoluene
Concen: 45.275 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	592260		
134	26.4		13.1	39.3
91	23.0		11.8	35.4

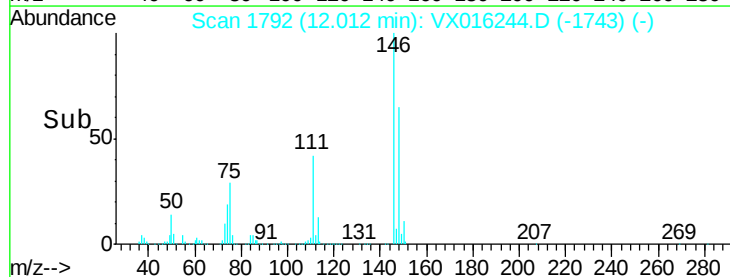
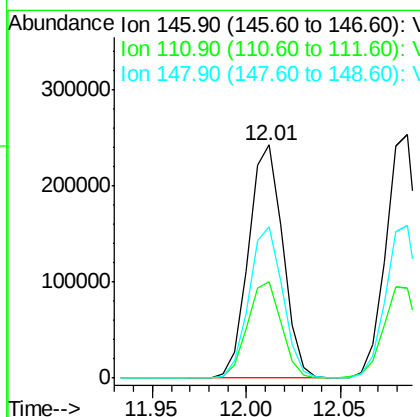
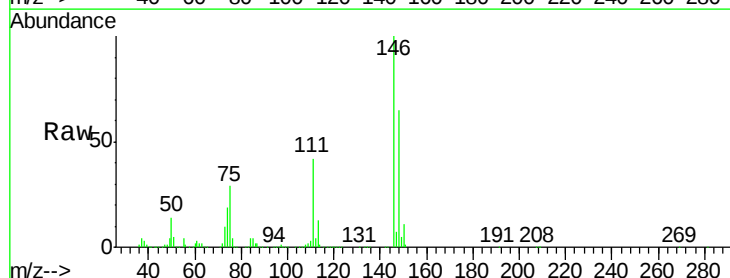
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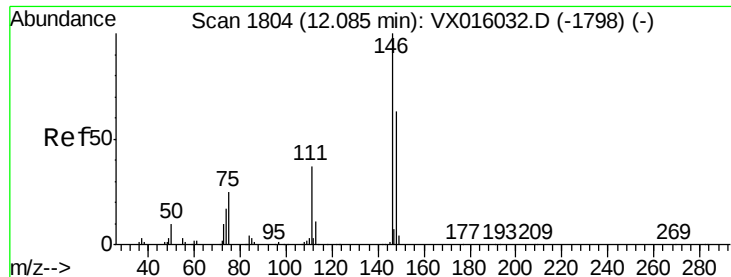
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#87
1,3-Dichlorobenzene
Concen: 46.030 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	305944		
111	41.0		20.2	60.6
148	63.7		32.1	96.3





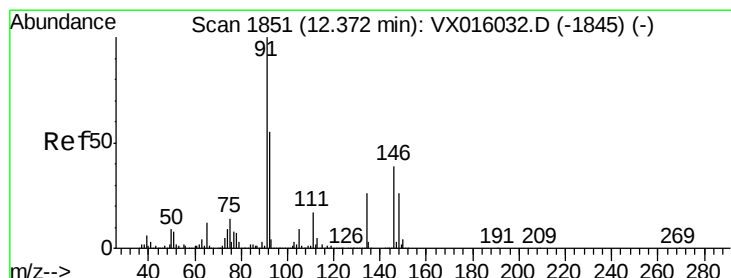
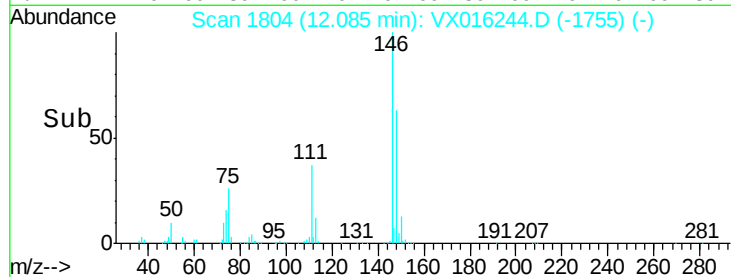
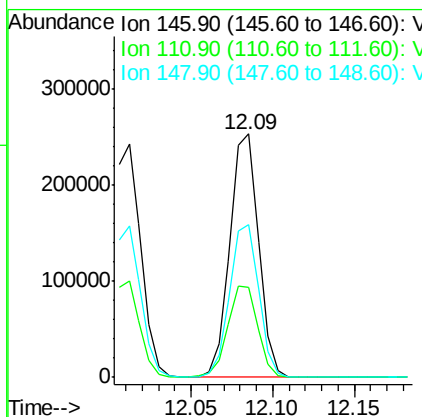
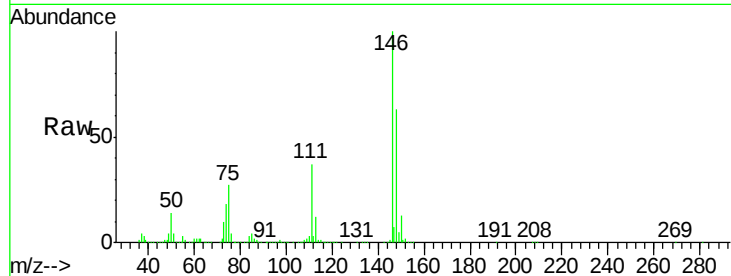
#88
 1,4-Dichlorobenzene
 Concen: 45.954 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016244.D
 Acq: 14 May 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MSD

Tot Ion:	146	Resp:	310010
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.6	58.7
148	63.6	31.8	95.3

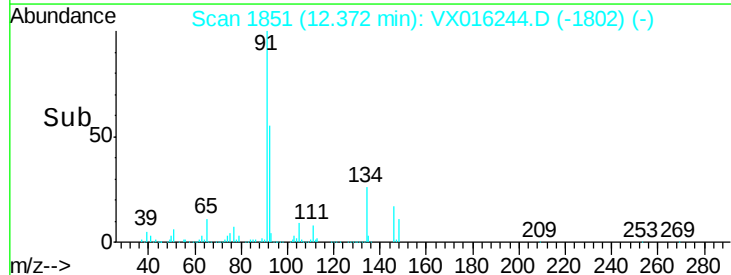
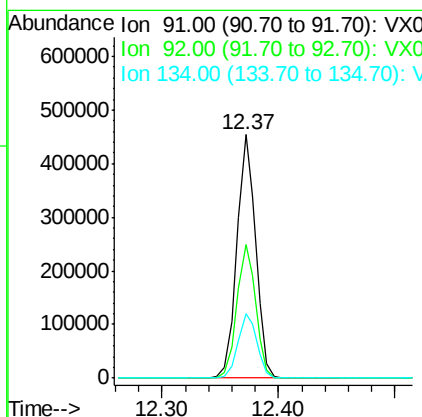
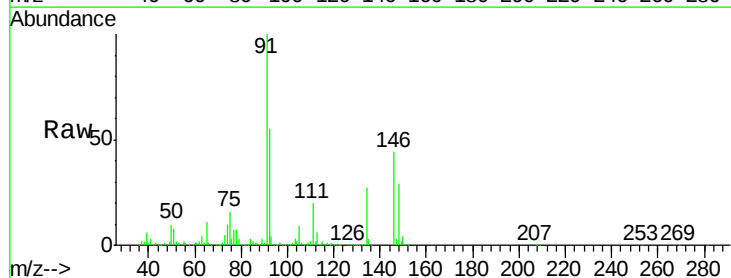
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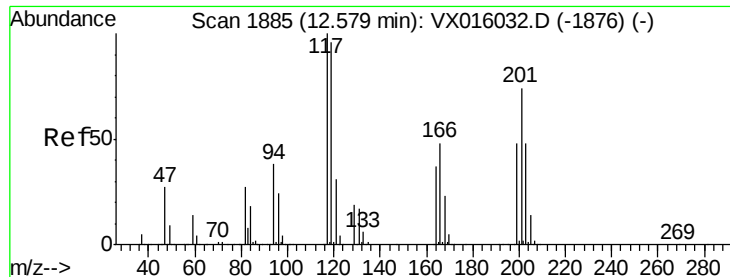
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#89
 n-Butylbenzene
 Concen: 42.714 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016244.D
 Acq: 14 May 2020 20:10

Tgt Ion:	91	Resp:	510460
Ion Ratio	Lower	Upper	
91	100		
92	55.3	27.6	82.7
134	26.8	13.4	40.1





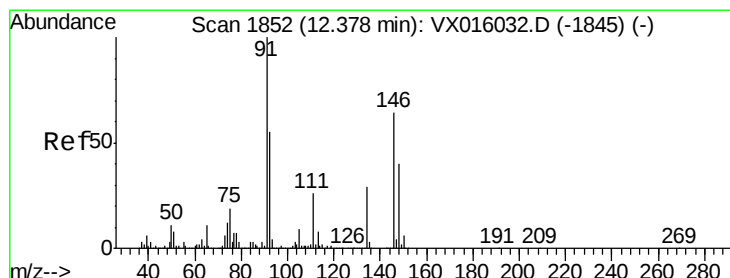
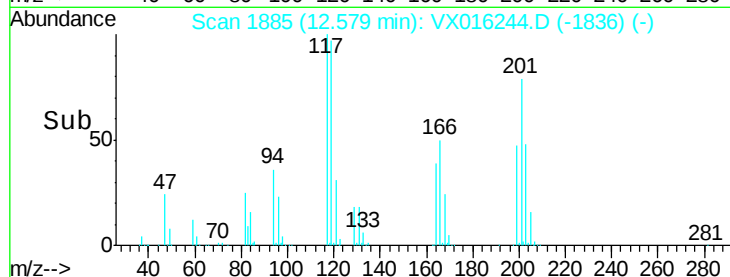
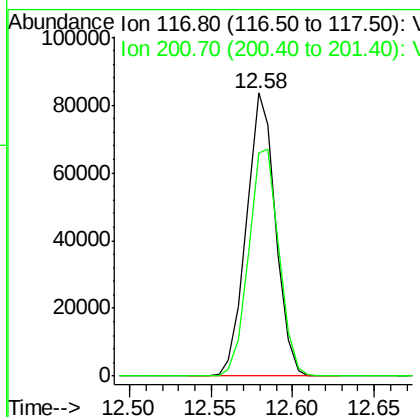
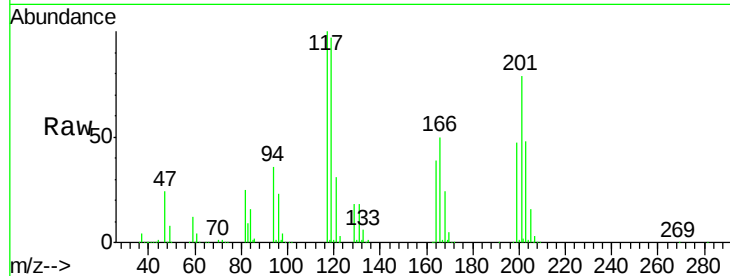
#90
Hexachloroethane
Concen: 46.406 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	104256		
201	83.5	39.8	119.3	

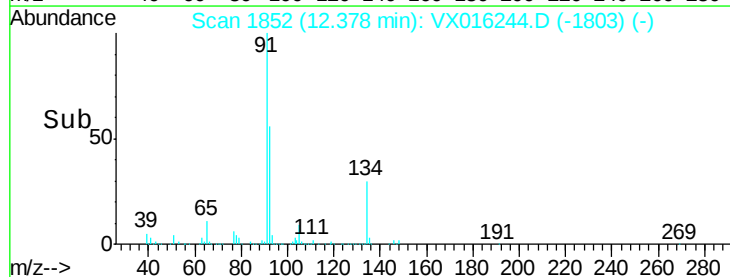
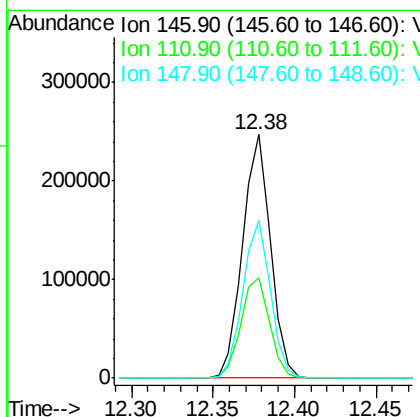
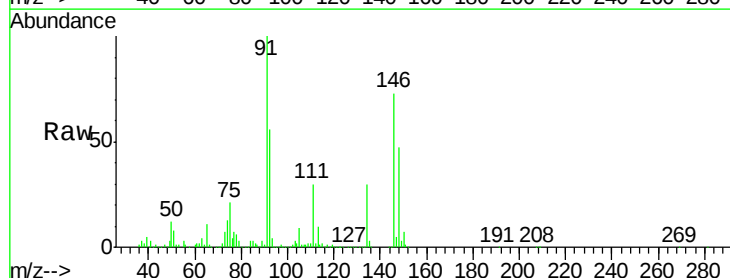
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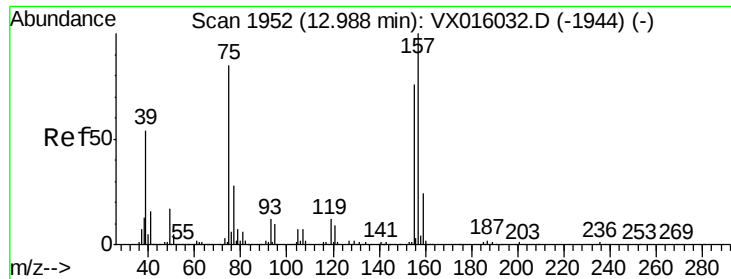
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#91
1,2-Dichlorobenzene
Concen: 46.239 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016244.D
Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	295931		
111	42.5	21.1	63.1	
148	64.4	32.4	97.0	





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.129 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

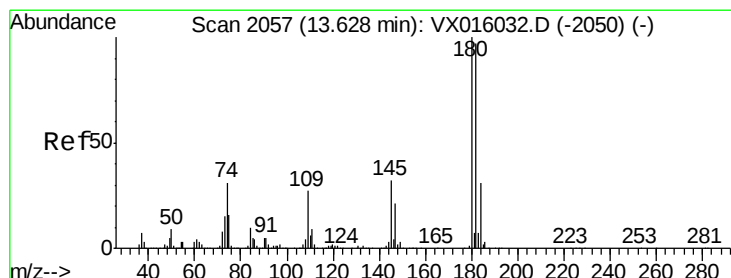
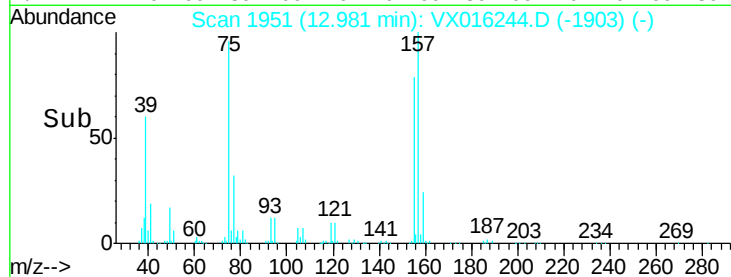
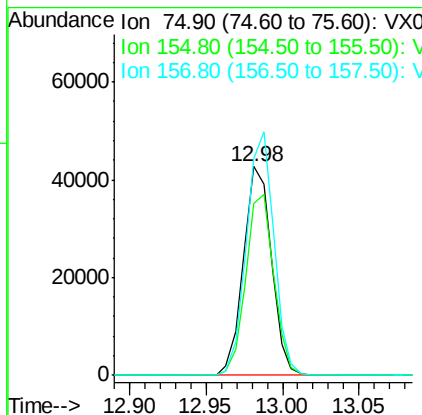
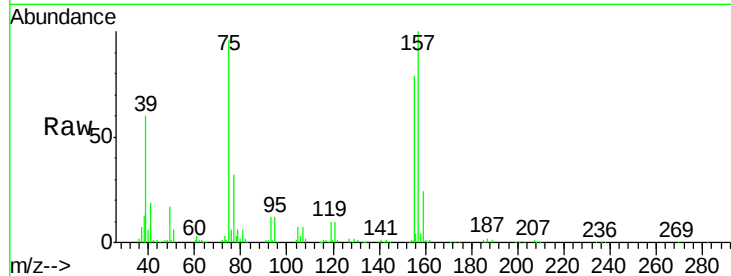
ClientSampleId :

SS052MW601-200513MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	86.5	42.5	127.5
157	114.0	55.3	165.8

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#93

1,2,4-Trichlorobenzene

Concen: 44.510 ug/l

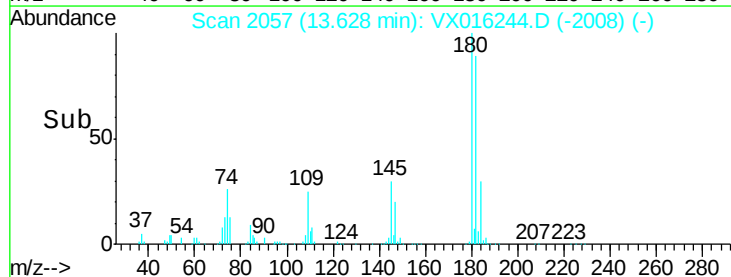
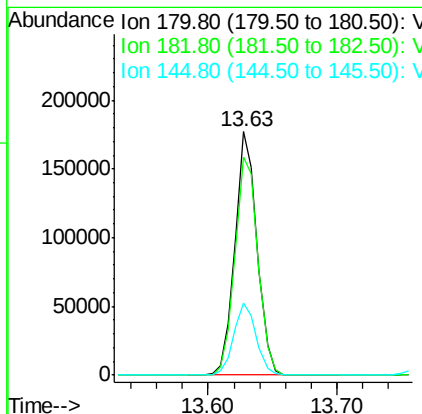
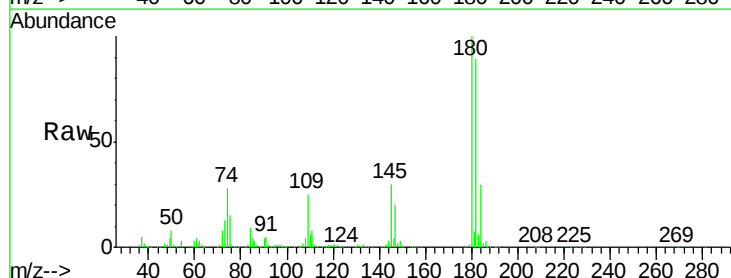
RT: 13.63 min Scan# 2057

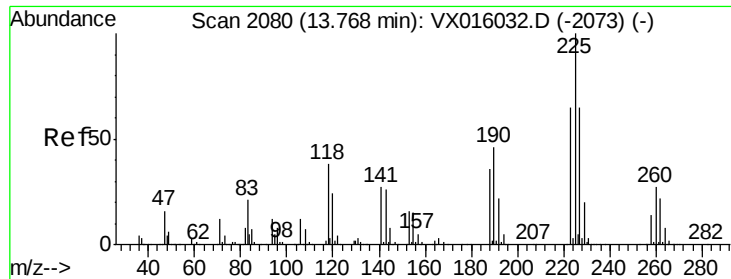
Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.7	146.1
145	30.4	15.7	47.1





#94

Hexachlorobutadiene

Concen: 37.093 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Instrument :

MSVOA_X

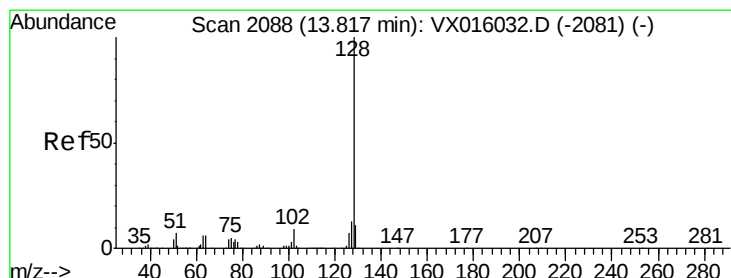
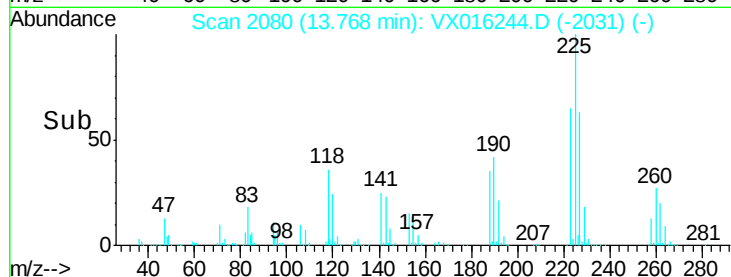
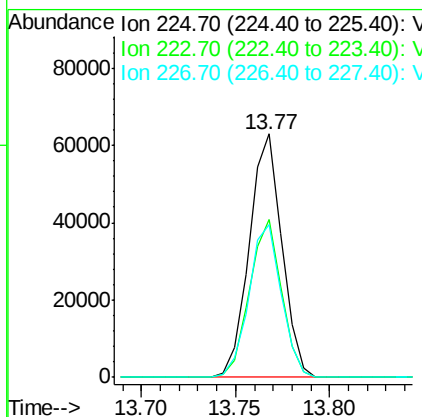
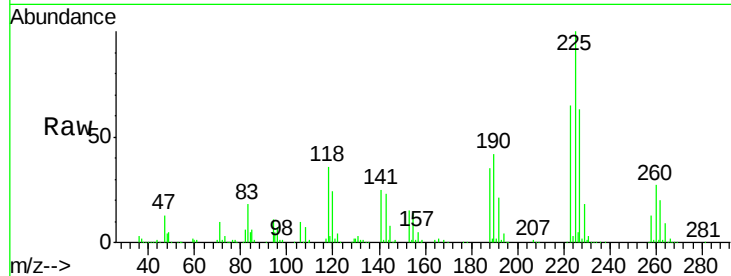
ClientSampleId :

SS052MW601-200513MSD

Tot Ion:	225	Resp:	75403
Ion Ratio	Lower	Upper	
225	100		
223	63.6	32.3	96.9
227	62.9	31.8	95.4

Manual Integrations
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#95

Naphthalene

Concen: 47.066 ug/l

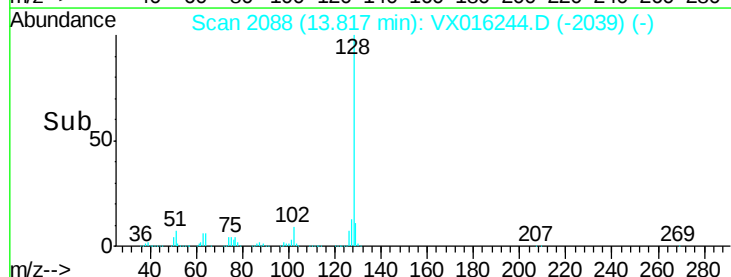
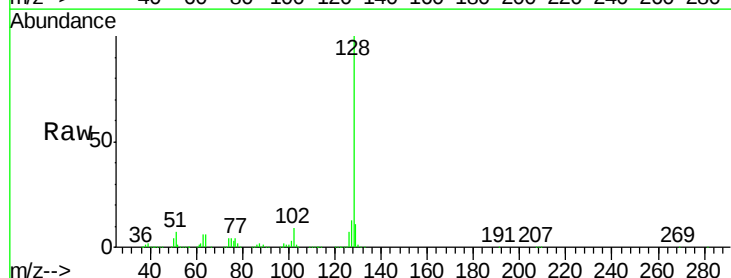
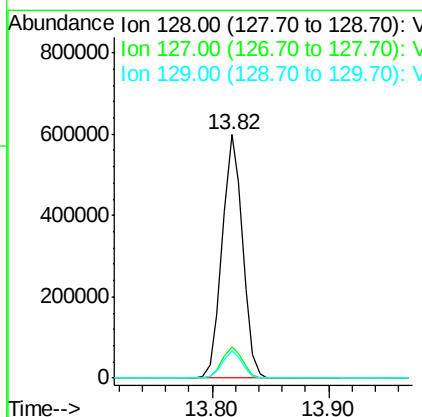
RT: 13.82 min Scan# 2088

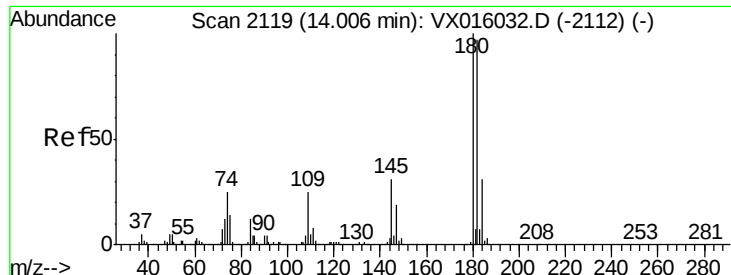
Delta R.T. -0.00 min

Lab File: VX016244.D

Acq: 14 May 2020 20:10

Tgt Ion:	128	Resp:	722111
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 45.072 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016244.D
 Acq: 14 May 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.5	48.4	145.0
145	32.5	16.4	49.1

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 12:29:23 PM

