

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016242.D
 Acq On : 14 May 2020 19:25
 Operator : JC/SP
 Sample : L2643-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

Manual Integrations
 APPROVED

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

Quant Time: May 15 04:17:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	244542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	399921	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201152	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	148308	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
35) Dibromofluoromethane	5.46	113	118702	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
50) Toluene-d8	8.70	98	466748	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.12	95	184547	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	126083	48.711	ug/l	99
3) Chloromethane	1.31	50	140789	46.836	ug/l	99
4) Vinyl Chloride	1.39	62	151093	47.112	ug/l	99
5) Bromomethane	1.62	94	69363	42.900	ug/l	97
6) Chloroethane	1.70	64	91892	47.091	ug/l	98
7) Trichlorofluoromethane	1.91	101	196948	46.776	ug/l	99
8) Diethyl Ether	2.17	74	81991	46.217	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	109426	45.047	ug/l	99
10) Methyl Iodide	2.49	142	120353	36.885	ug/l	99
11) Tert butyl alcohol	3.03	59	197475	242.679	ug/l	99
12) 1,1-Dichloroethene	2.35	96	116077	45.663	ug/l	98
13) Acrolein	2.27	56	123911	243.342	ug/l	100
14) Allyl chloride	2.70	41	209773	45.006	ug/l	95
15) Acrylonitrile	3.12	53	411120	243.542	ug/l	98
16) Acetone	2.42	43	324281	225.853	ug/l	94
17) Carbon Disulfide	2.55	76	333056	43.602	ug/l	100
18) Methyl Acetate	2.75	43	168030	47.596	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	441347	50.364	ug/l	99
20) Methylene Chloride	2.83	84	138111	46.661	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	133090	46.982	ug/l	100
22) Diisopropyl ether	3.82	45	420861	47.862	ug/l	96
23) Vinyl Acetate	3.79	43	1757701	227.208	ug/l	99
24) 1,1-Dichloroethane	3.67	63	242943	49.390	ug/l	99
25) 2-Butanone	4.64	43	566093	244.674	ug/l	100
26) 2,2-Dichloropropane	4.55	77	194760	43.356	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	160962	51.975	ug/l	96
28) Bromochloromethane	4.98	49	111576	49.746	ug/l	96
29) Tetrahydrofuran	5.09	42	369726	241.172	ug/l	97
30) Chloroform	5.18	83	245358	50.098	ug/l	100
31) Cyclohexane	5.55	56	204912	45.838	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	217806	48.925	ug/l	98
36) 1,1-Dichloropropene	5.77	75	181254	46.043	ug/l	99
37) Ethyl Acetate	4.79	43	202577	44.398	ug/l	99
38) Carbon Tetrachloride	5.76	117	191118	47.764	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	204501	43.136	ug/l	99
40) Benzene	6.12	78	557828	48.429	ug/l	98
41) Methacrylonitrile	5.01	41	117292	47.601	ug/l	97
42) 1,2-Dichloroethane	6.17	62	194350	46.839	ug/l	99
43) Isopropyl Acetate	6.42	43	331390	45.521	ug/l	98
44) Trichloroethene	7.19	130	209242	51.133	ug/l	98
45) 1,2-Dichloropropane	7.49	63	143272	49.157	ug/l	100
46) Dibromomethane	7.64	93	95868	48.402	ug/l	99
47) Bromodichloromethane	7.88	83	200840	49.788	ug/l	99
48) Methyl methacrylate	7.75	41	161510	46.820	ug/l	95
49) 1,4-Dioxane	7.71	88	81678	987.253	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1088711	244.385	ug/l	98
52) Toluene	8.77	92	356379	49.637	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	228050	47.415	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	241012	47.975	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	143055	50.644	ug/l	99
56) Ethyl methacrylate	9.16	69	231028	50.105	ug/l	95
57) 1,3-Dichloropropane	9.35	76	246862	50.085	ug/l	100
59) 2-Hexanone	9.48	43	848959	242.661	ug/l	97
60) Dibromochloromethane	9.57	129	161129	51.793	ug/l	100
61) 1,2-Dibromoethane	9.65	107	152361	49.796	ug/l	99
64) Tetrachloroethene	9.32	164	200050	43.890	ug/l	97
65) Chlorobenzene	10.12	112	379533	48.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	146770	51.078	ug/l	98
67) Ethyl Benzene	10.24	91	671685	48.423	ug/l	100
68) m/p-Xylenes	10.34	106	515121	99.118	ug/l	99
69) o-Xylene	10.68	106	248197	49.683	ug/l	99
70) Stvrene	10.70	104	417683	49.284	ug/l	100
71) Bromoform	10.84	173	125472	53.596	ug/l #	99
73) Isopropylbenzene	11.01	105	662259	45.265	ug/l	99
74) N-amyl acetate	10.88	43	284860	41.742	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	175570	59.630	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	210472m	46.110	ug/l	
77) Bromobenzene	11.24	156	173762	46.013	ug/l	98
78) n-propylbenzene	11.35	91	759341	44.613	ug/l	99
79) 2-Chlorotoluene	11.40	91	460030	45.789	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	566651	45.871	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	85166	44.463	ug/l	97
82) 4-Chlorotoluene	11.49	91	544909	45.930	ug/l	100
83) tert-Butylbenzene	11.76	119	499049	46.877	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	575830	46.107	ug/l	100
85) sec-Butylbenzene	11.93	105	635290	44.198	ug/l	100
86) p-Isopropyltoluene	12.05	119	598346	44.836	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	307649	45.371	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	311909	45.321	ug/l	99
89) n-Butylbenzene	12.37	91	510933	41.908	ug/l	100
90) Hexachloroethane	12.58	117	106175	46.325	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	300172	45.974	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55107	45.807	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	212564	43.973	ug/l	96

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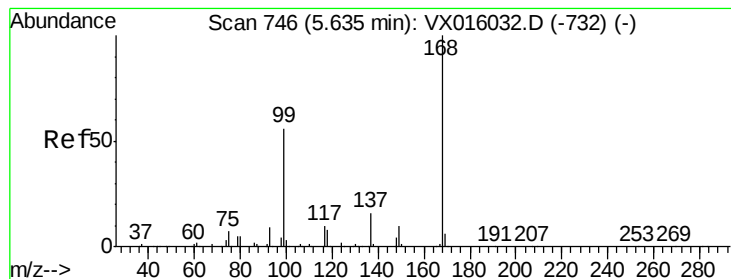
Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	79334	38.239	ug/l	97
95) Naphthalene	13.82	128	726562	46.419	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	209765	44.402	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

Tot Ion:168 Resp: 244542

Ion Ratio Lower Upper

168 100

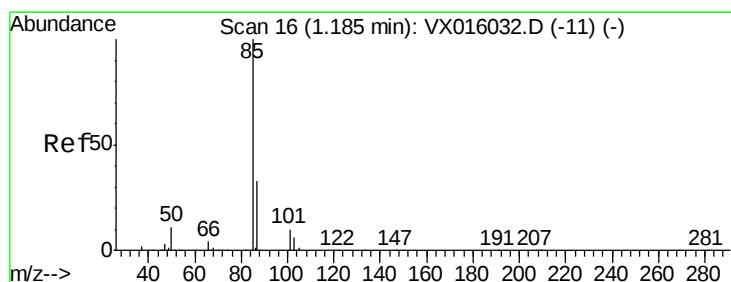
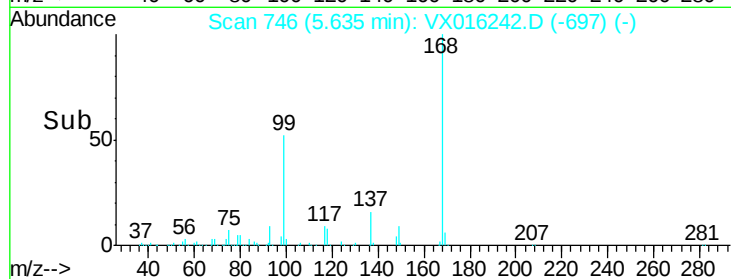
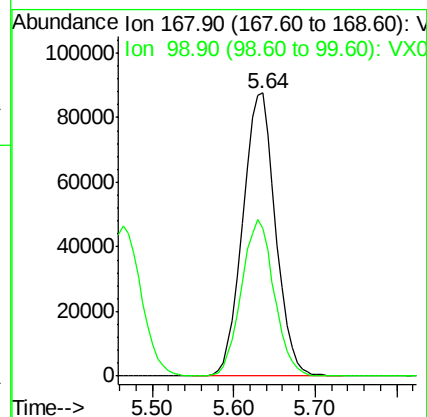
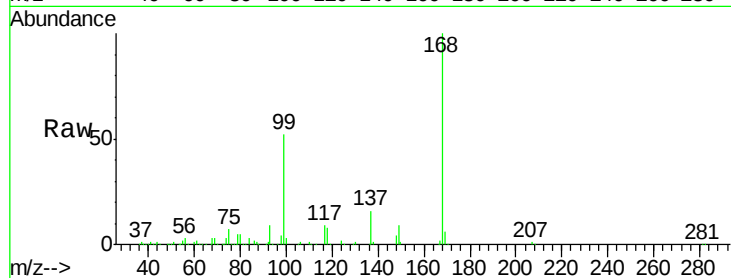
99 52.0 45.0 67.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 48.711 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016242.D

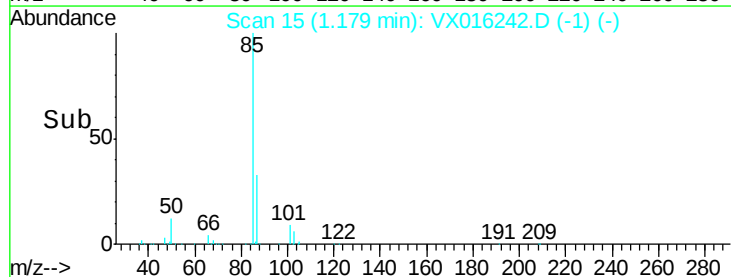
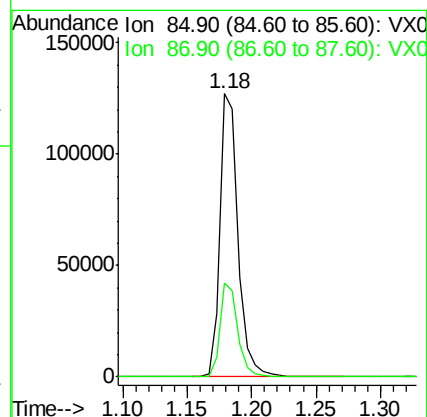
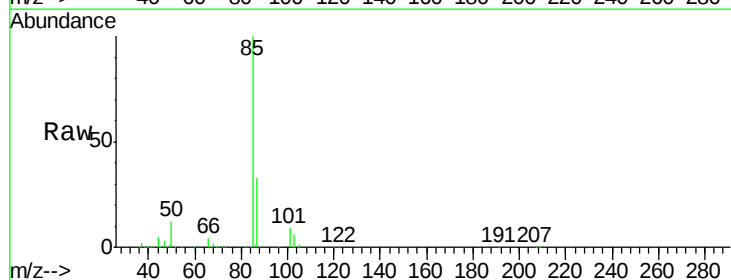
Acq: 14 May 2020 19:25

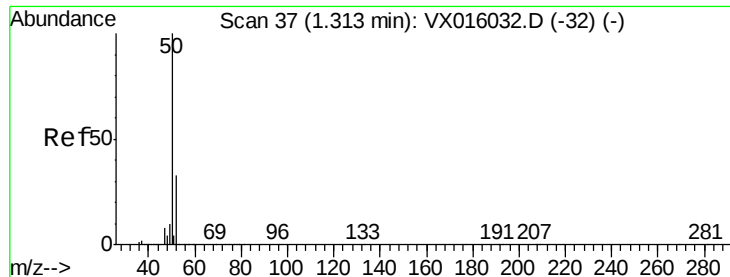
Tgt Ion: 85 Resp: 126083

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.1





#3

Chloromethane

Concen: 46.836 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

Tot Ion: 50 Resp: 140789

Ion Ratio Lower Upper

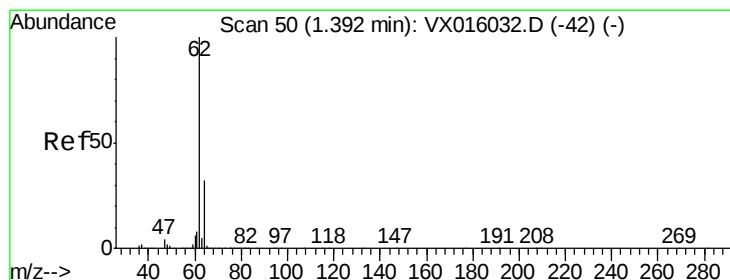
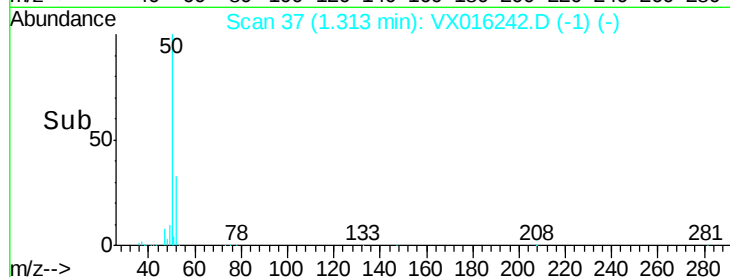
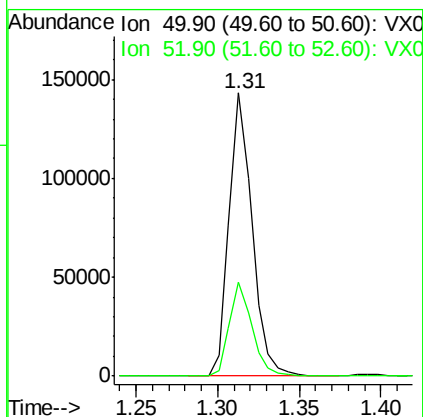
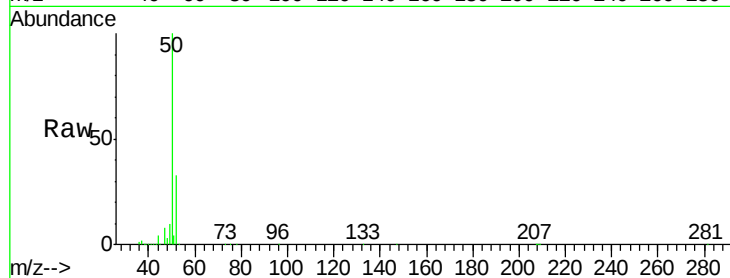
50 100

52 33.2 26.1 39.1

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#4

Vinyl Chloride

Concen: 47.112 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016242.D

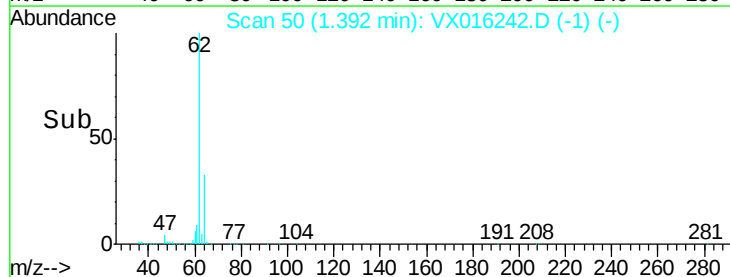
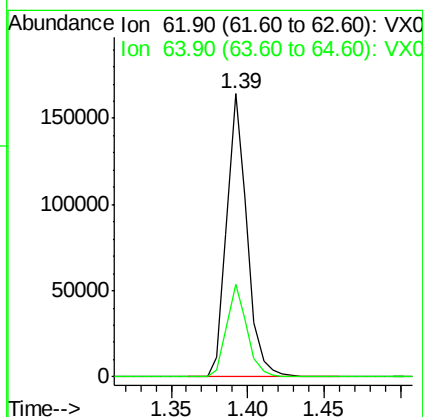
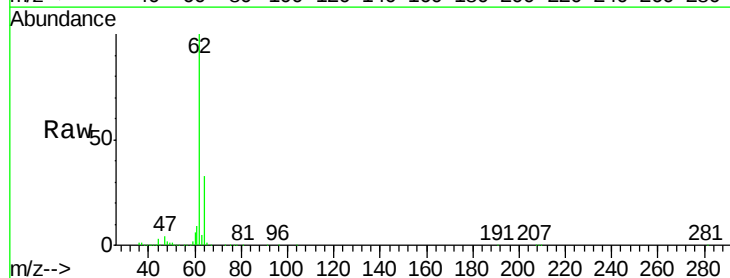
Acq: 14 May 2020 19:25

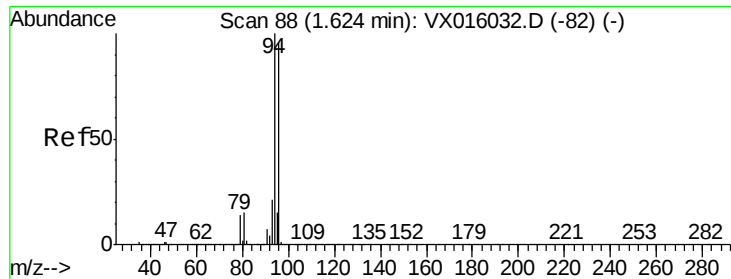
Tgt Ion: 62 Resp: 151093

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 42.900 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

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Tot Ion: 94 Resp: 69363

Ion Ratio Lower Upper

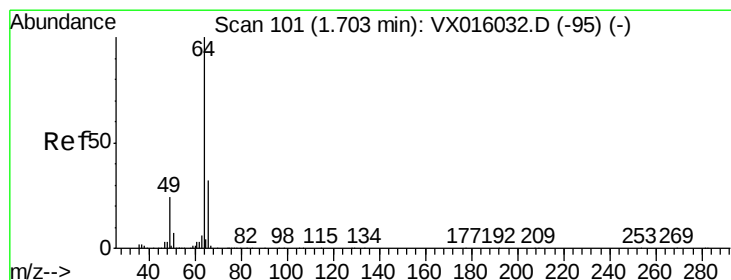
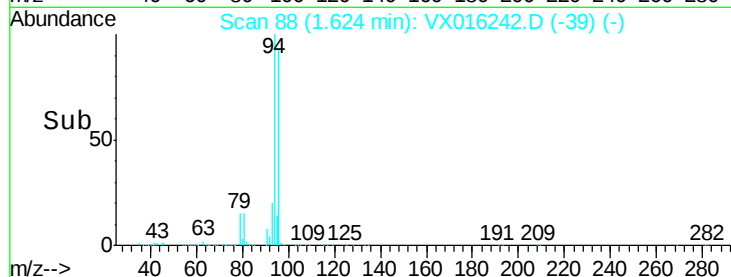
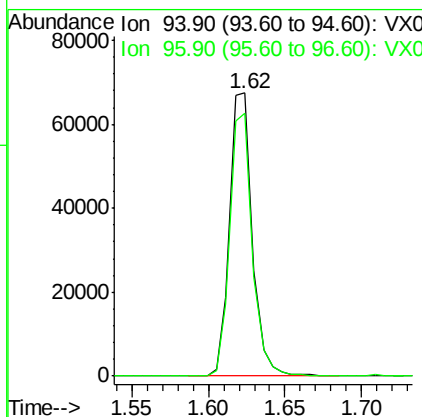
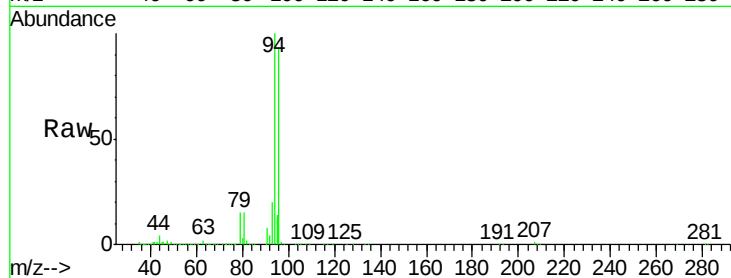
94 100

96 92.8 76.9 115.3

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#6

Chloroethane

Concen: 47.091 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016242.D

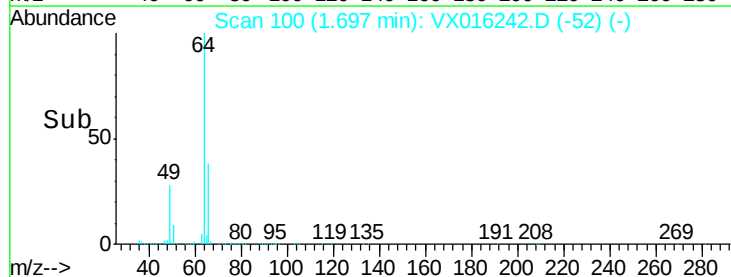
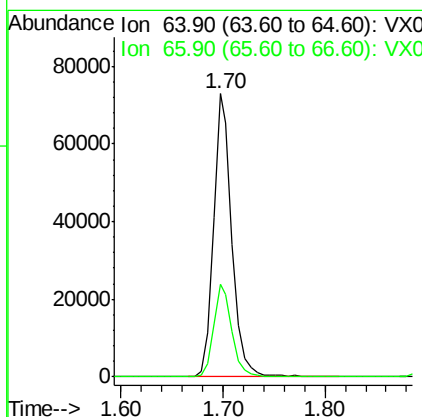
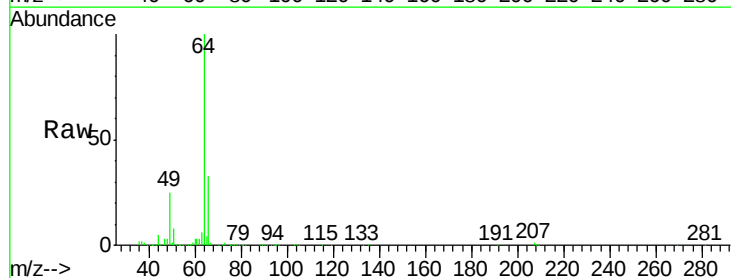
Acq: 14 May 2020 19:25

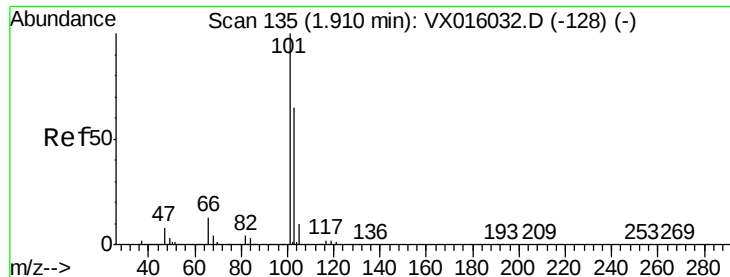
Tgt Ion: 64 Resp: 91892

Ion Ratio Lower Upper

64 100

66 32.7 25.2 37.8





#7

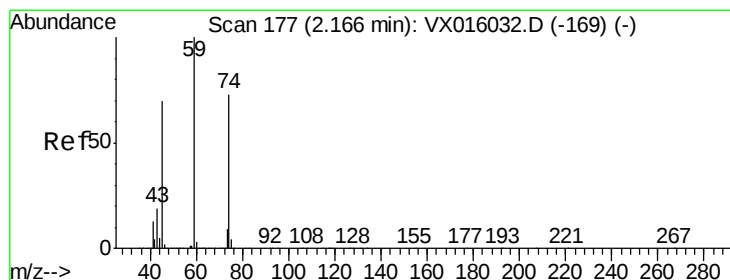
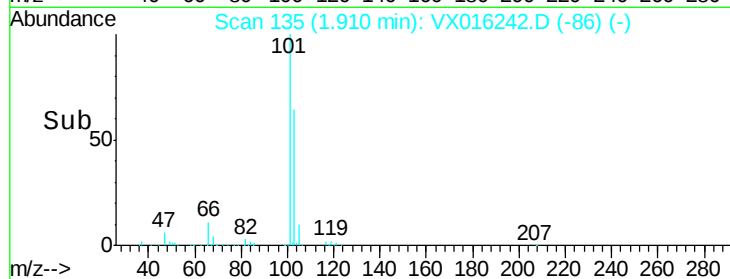
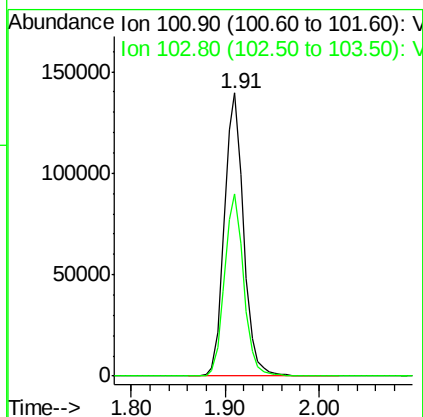
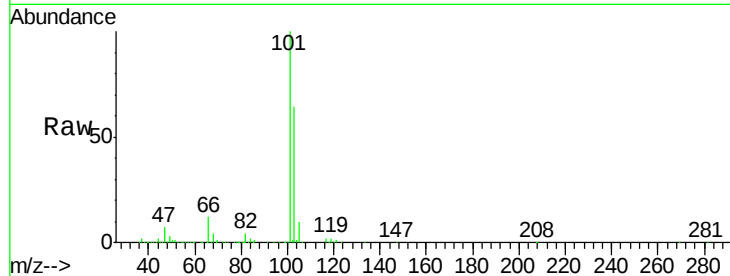
Trichlorofluoromethane
Concen: 46.776 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016242.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		196948		
103	64.3	51.8	77.6		

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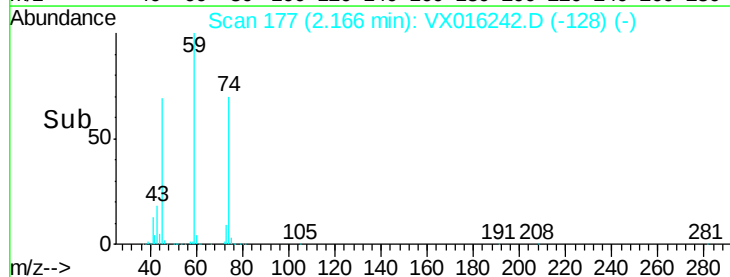
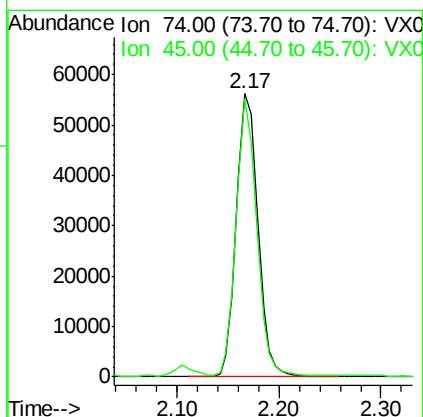
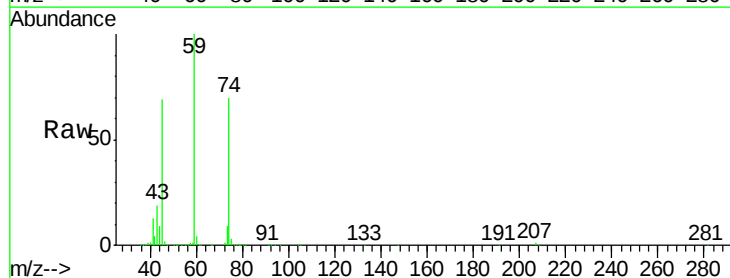
MMDadoda
5/15/2020 12:29:12 PM

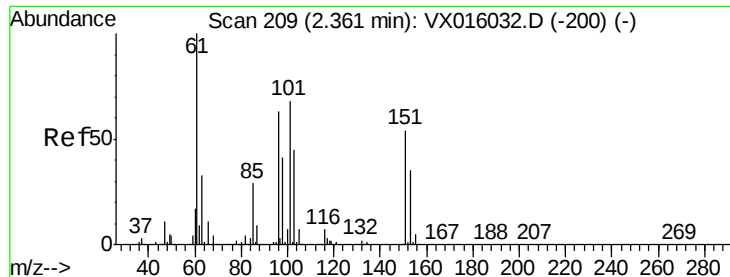


#8

Diethyl Ether
Concen: 46.217 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		81991		
45	93.0	47.3	142.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.047 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

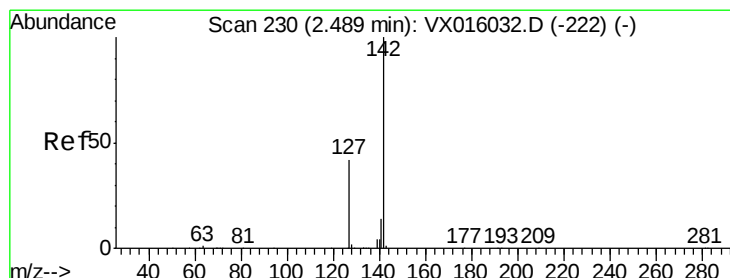
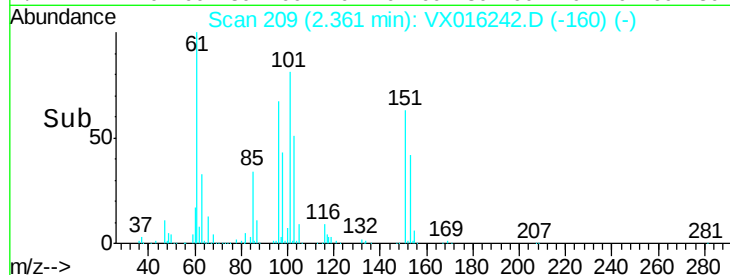
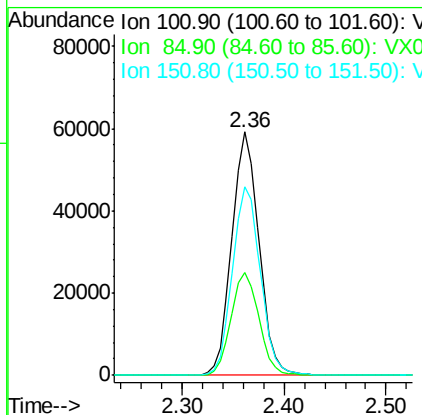
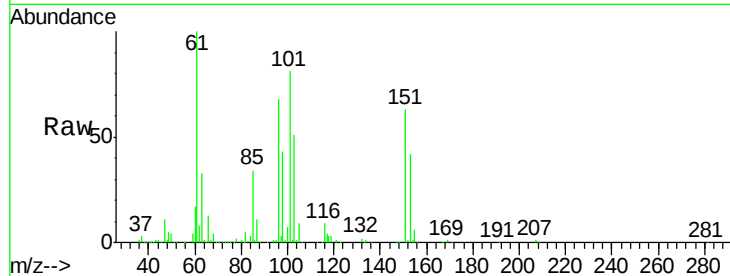
ClientSampleId :

SS052MW098-200513MSD

Tot Ion:	101	Resp:	109426
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.2	51.4
151	79.3	62.1	93.1

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#10

Methyl Iodide

Concen: 36.885 ug/l

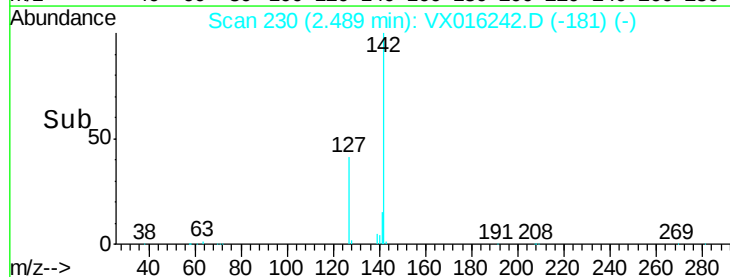
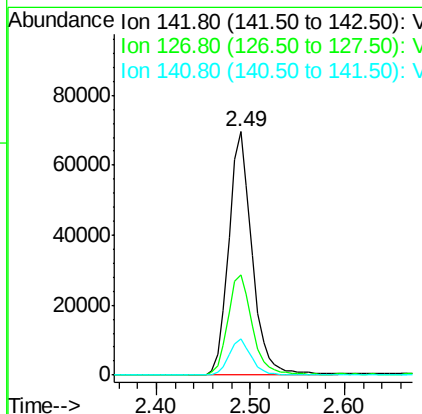
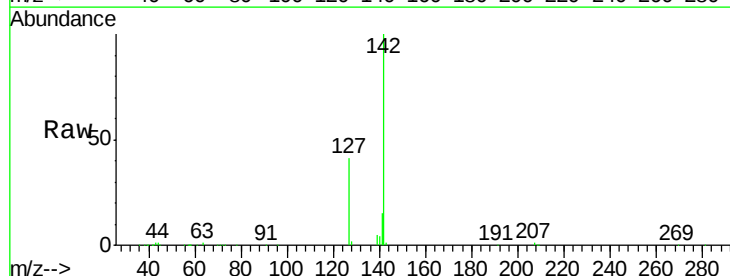
RT: 2.49 min Scan# 230

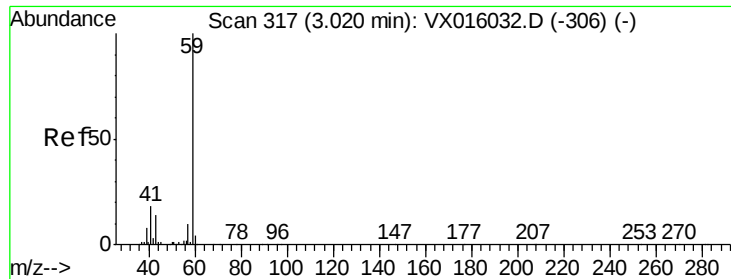
Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Tgt Ion:	142	Resp:	120353
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.6	52.0
141	14.3	11.3	16.9





#11

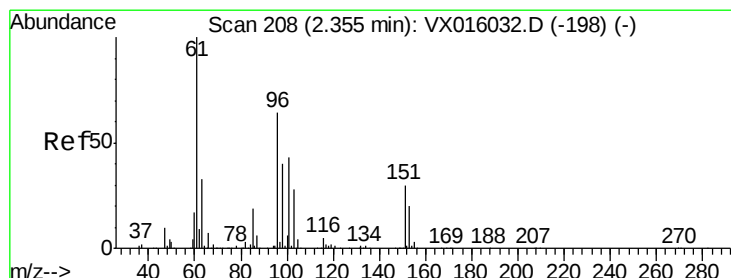
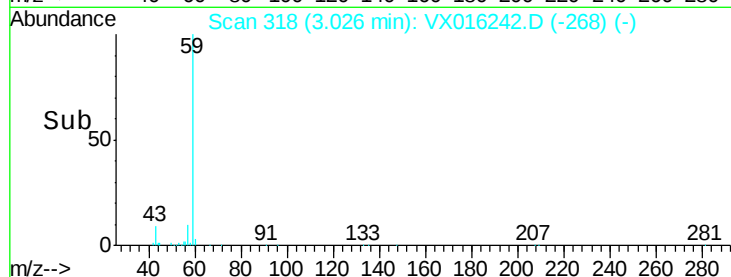
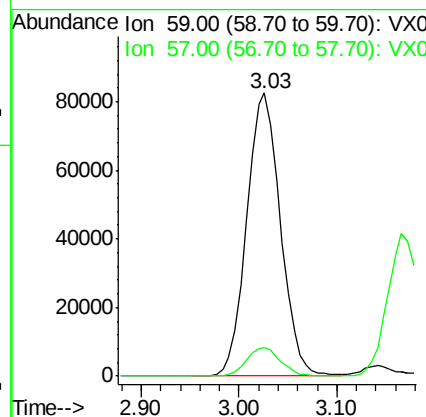
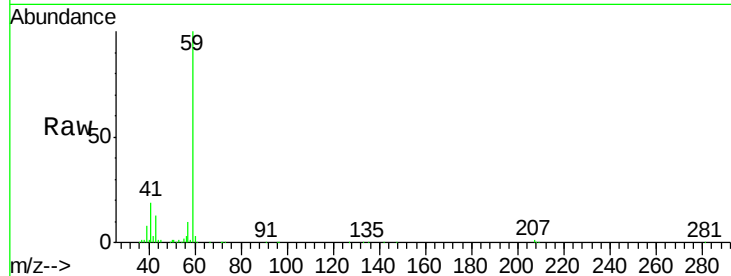
Tert butyl alcohol
 Concen: 242.679 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

Tot Ion: 59 Resp: 197475
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

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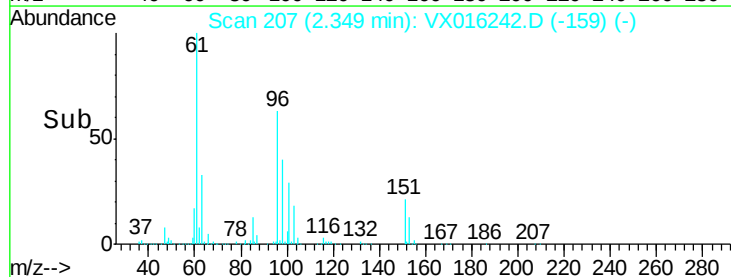
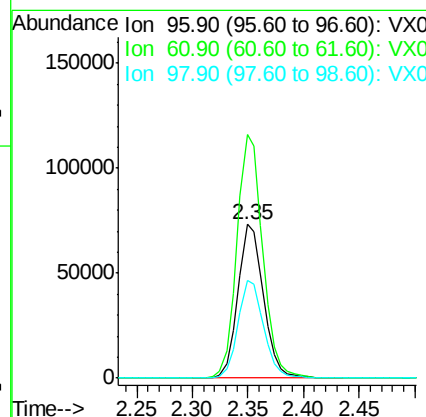
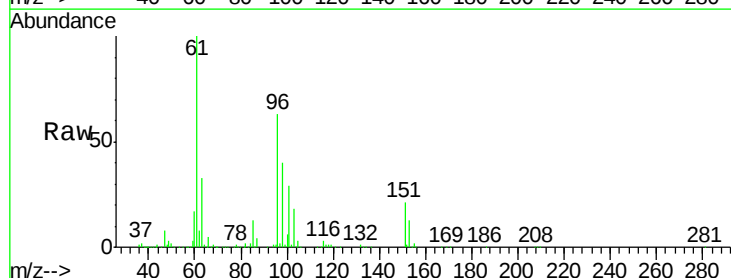
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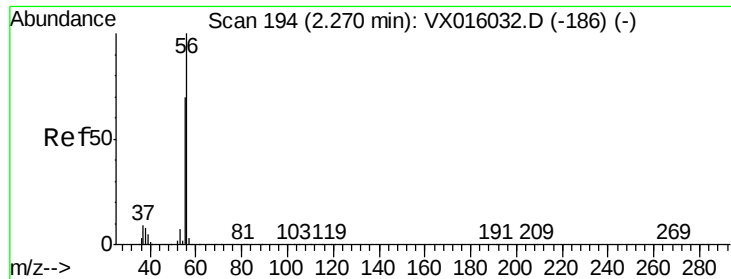


#12

1,1-Dichloroethene
 Concen: 45.663 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Tgt Ion: 96 Resp: 116077
 Ion Ratio Lower Upper
 96 100
 61 158.6 124.8 187.2
 98 63.2 49.7 74.5





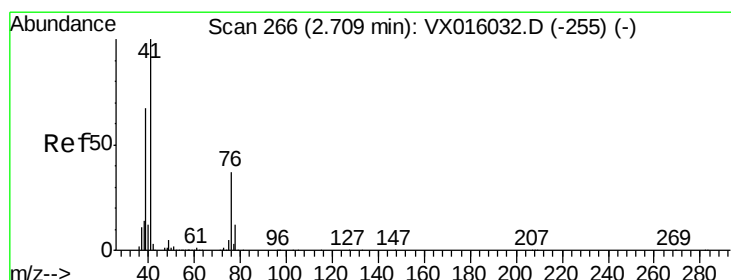
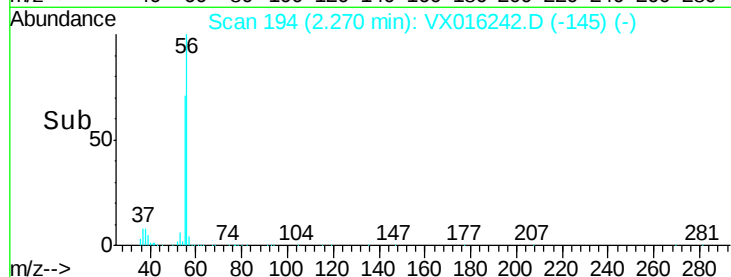
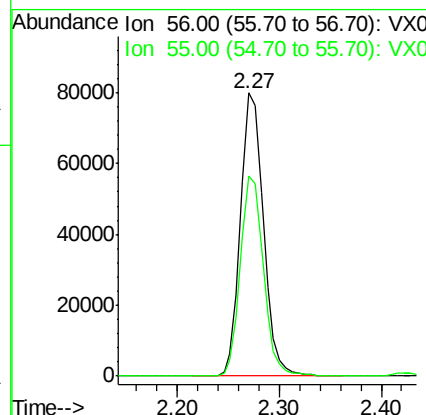
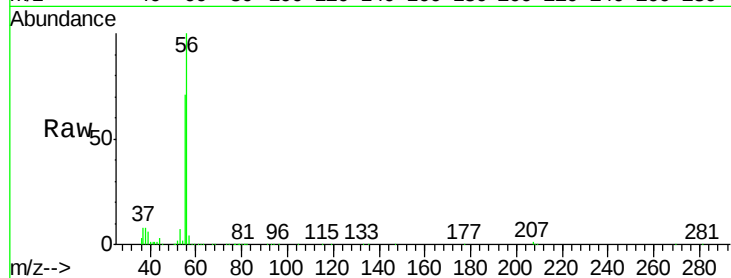
#13
Acrolein
Concen: 243.342 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.9	56.5	84.7

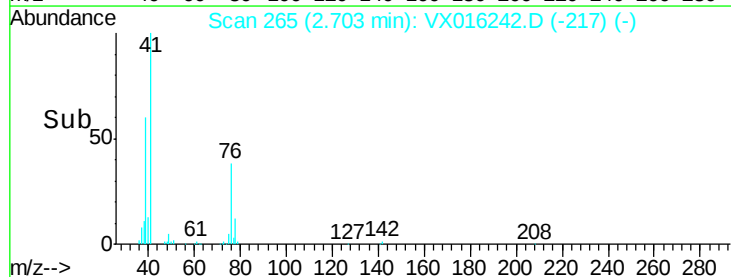
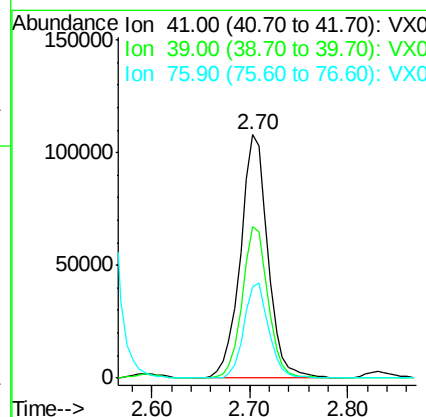
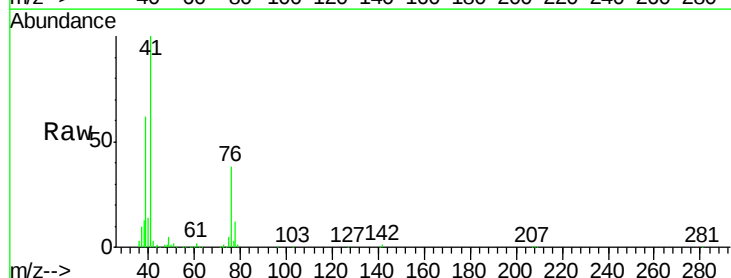
Manual Integrations
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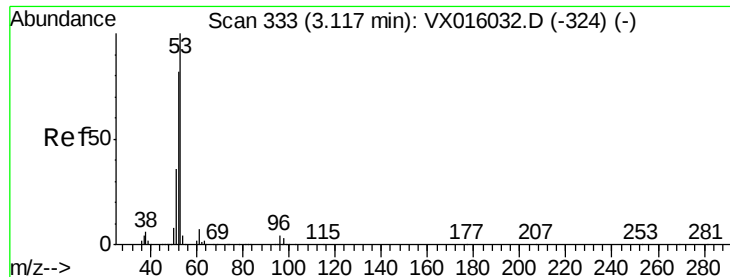
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#14
Allyl chloride
Concen: 45.006 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.6	50.5	75.7
76	35.2	26.6	40.0





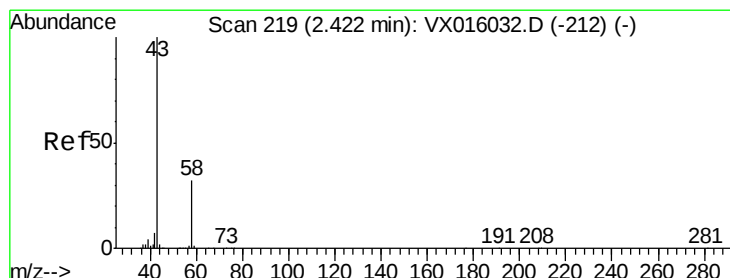
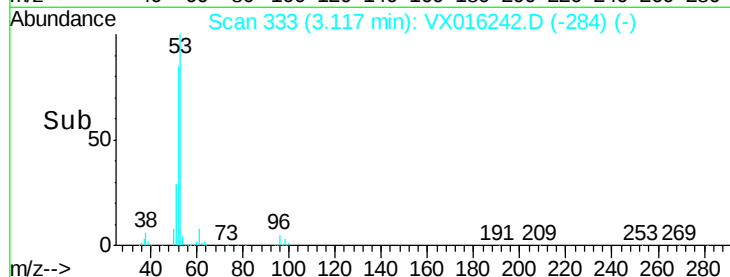
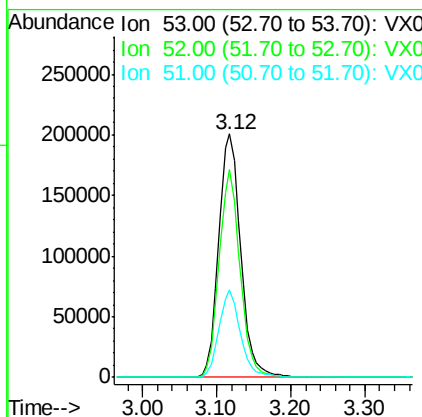
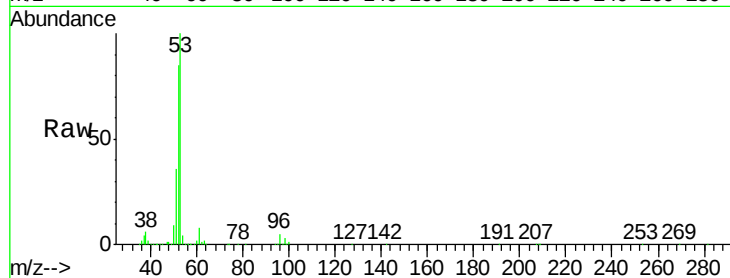
#15
 Acrylonitrile
 Concen: 243.542 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

Tot Ion:	53	Resp:	411120
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.1	99.1
51	34.9	28.8	43.2

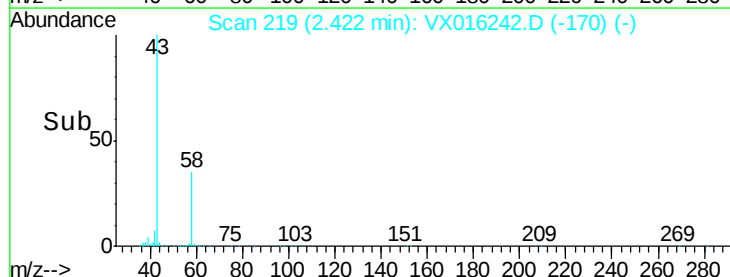
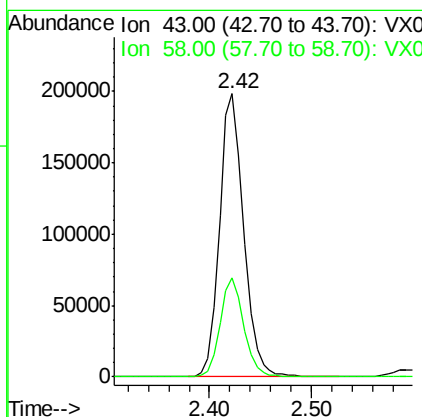
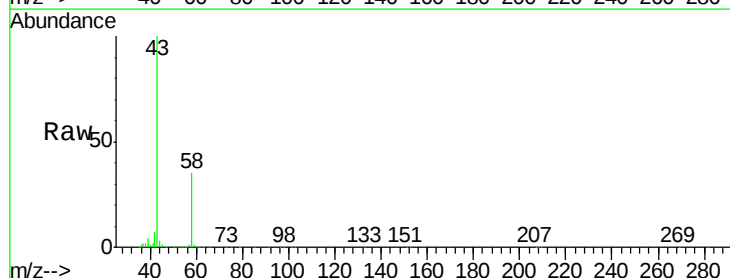
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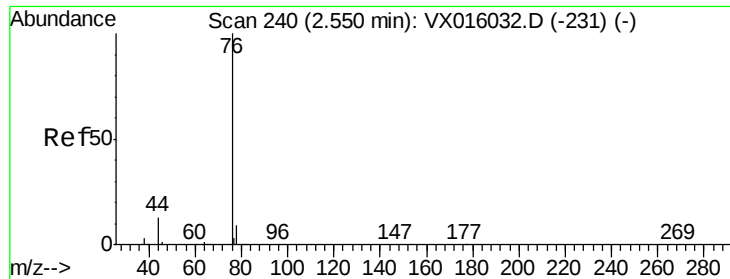
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#16
 Acetone
 Concen: 225.853 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Tgt Ion:	43	Resp:	324281
Ion	Ratio	Lower	Upper
43	100		
58	34.8	25.4	38.0





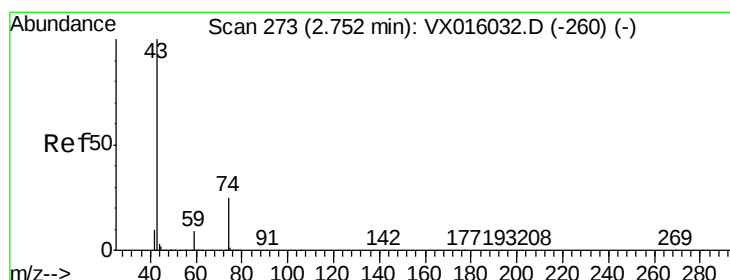
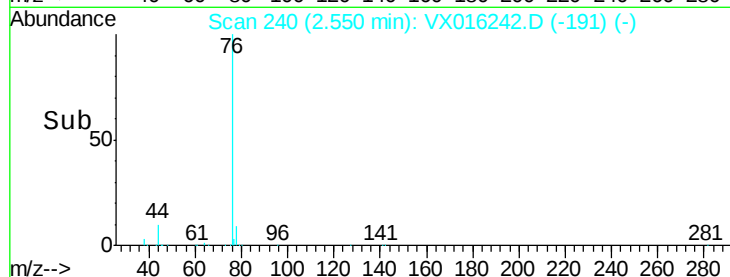
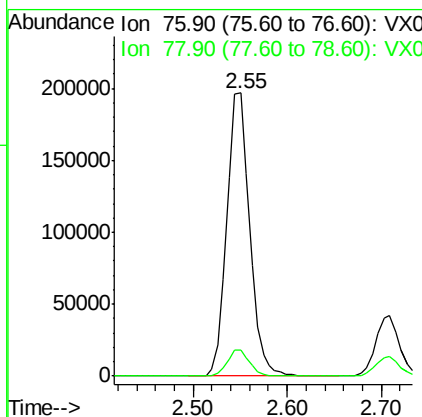
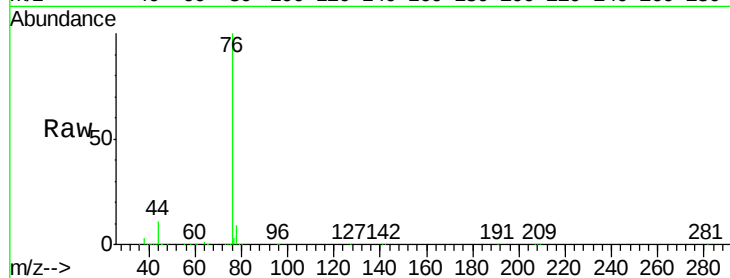
#17
Carbon Disulfide
Concen: 43.602 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

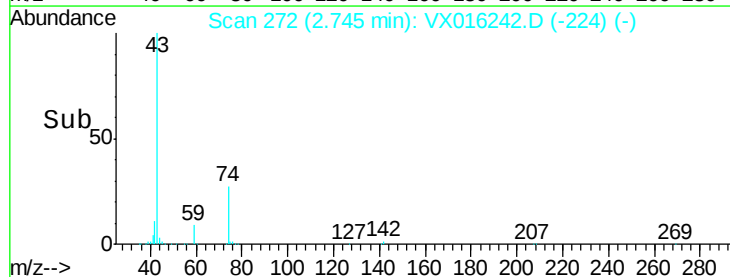
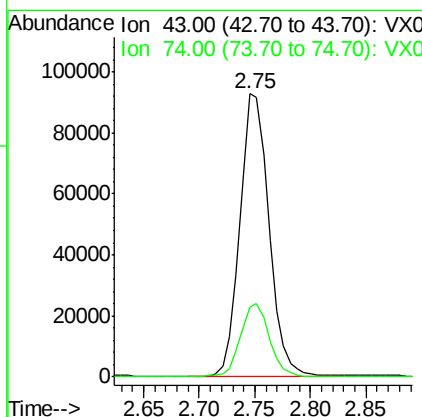
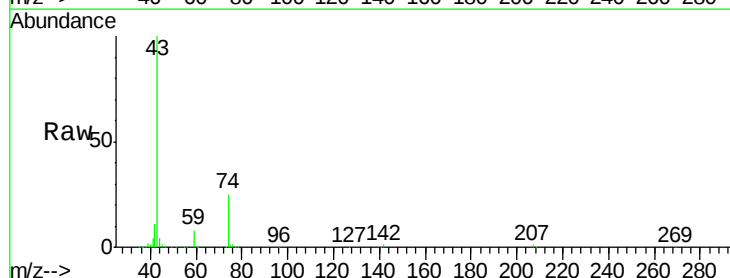
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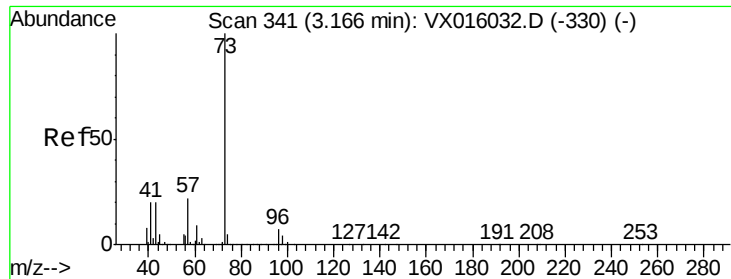
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#18
Methyl Acetate
Concen: 47.596 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	20.2	30.2





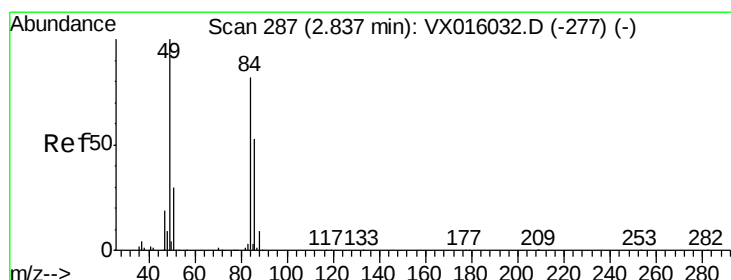
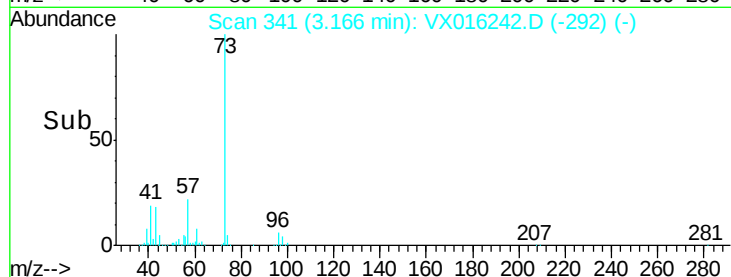
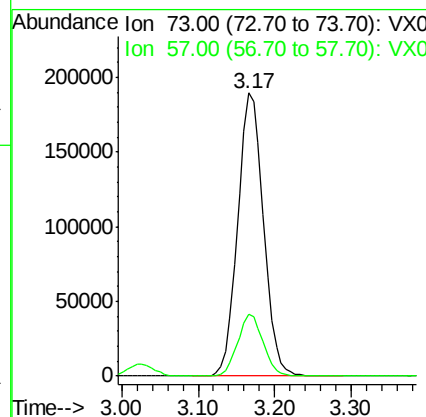
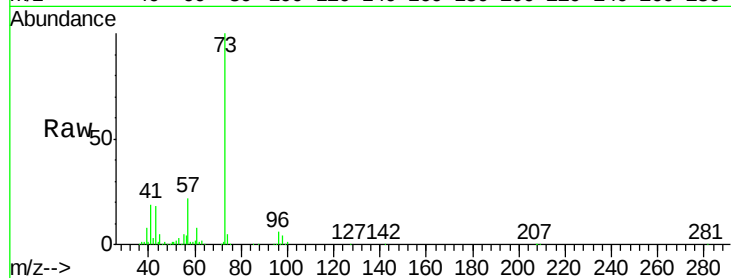
#19
Methyl tert-butyl Ether
Concen: 50.364 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion	73	Resp	441347
Ion Ratio	100	Lower	Upper
73	100		
57	21.9	17.8	26.6

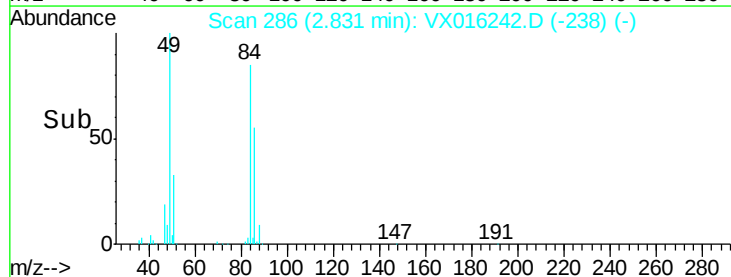
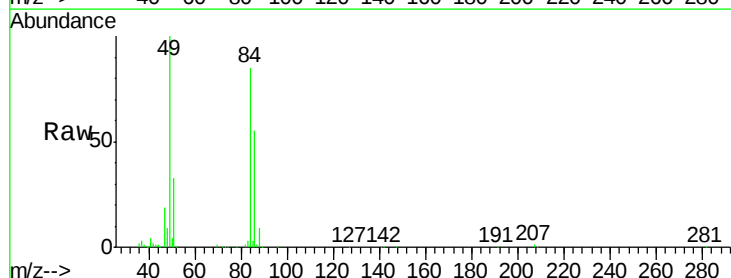
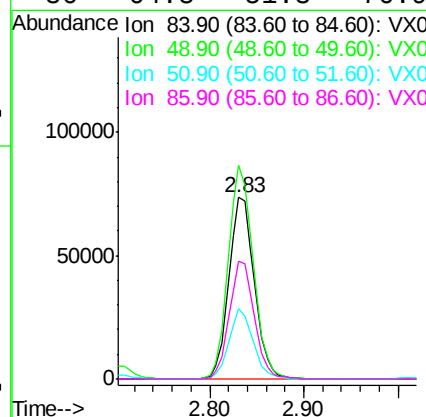
Manual Integrations
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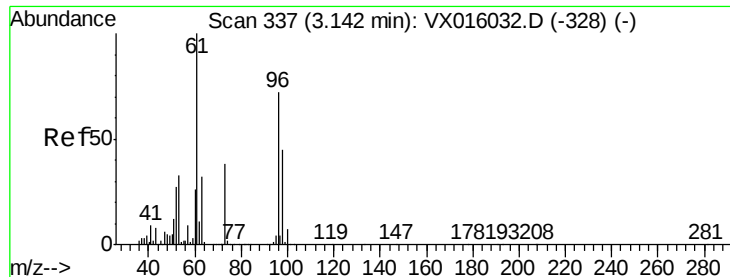
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#20
Methylene Chloride
Concen: 46.661 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	84	Resp	138111
Ion Ratio	100	Lower	Upper
84	100		
49	117.7	97.3	145.9
51	38.5	29.3	43.9
86	64.8	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 46.982 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

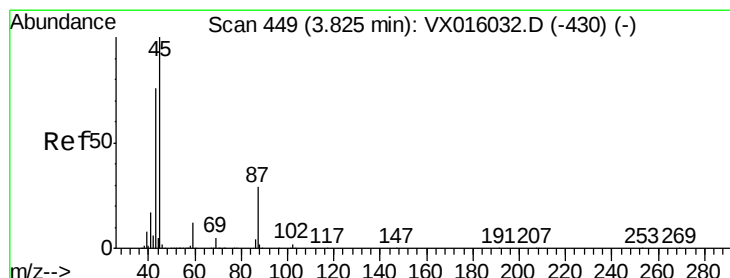
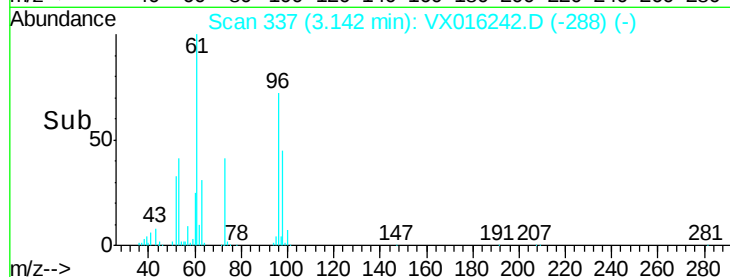
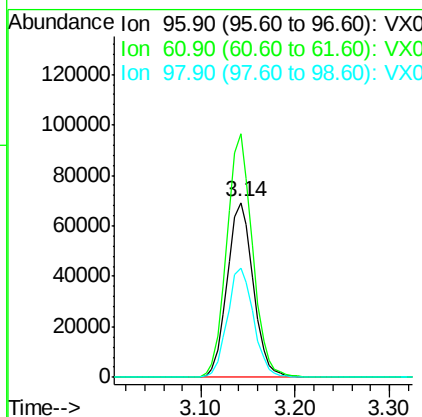
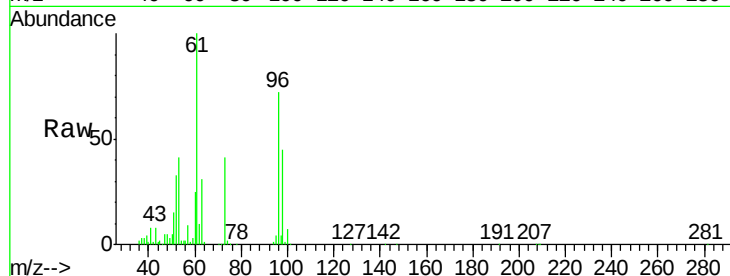
ClientSampleId :

SS052MW098-200513MSD

Tot Ion:	96	Resp:	133090
Ion	Ratio	Lower	Upper
96	100		
61	139.2	111.2	166.8
98	62.8	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.862 ug/l

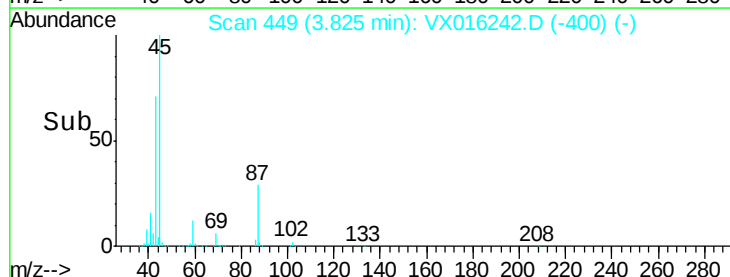
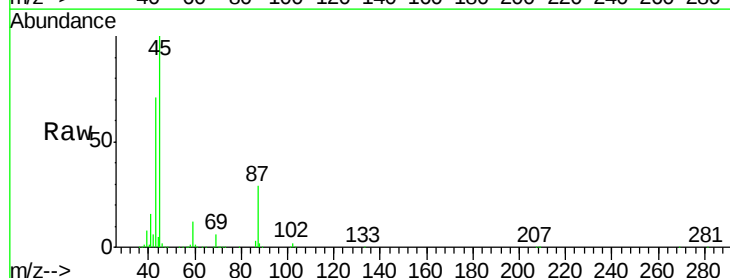
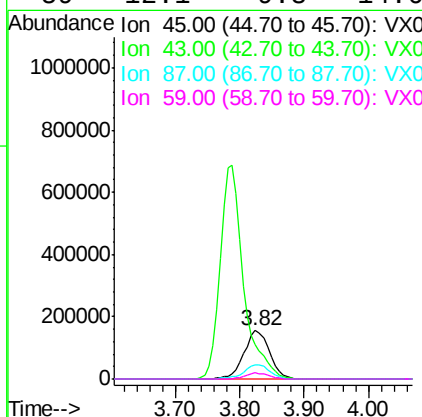
RT: 3.82 min Scan# 449

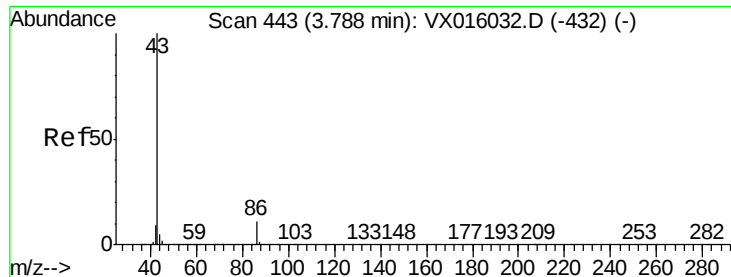
Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Tgt Ion:	45	Resp:	420861
Ion	Ratio	Lower	Upper
45	100		
43	70.9	61.1	91.7
87	29.2	23.0	34.6
59	12.1	9.8	14.6





#23

Vinyl Acetate

Concen: 227.208 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

Tot Ion: 43 Resp: 1757701

Ion Ratio Lower Upper

43 100

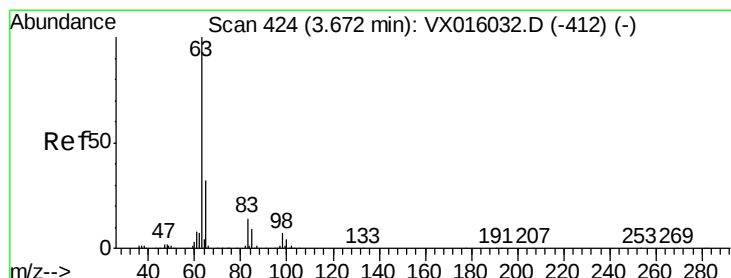
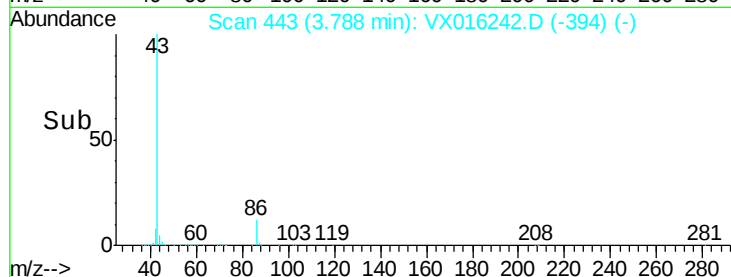
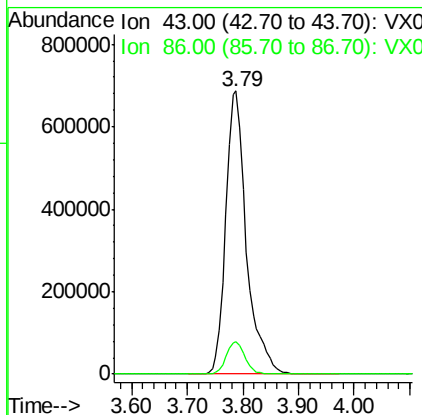
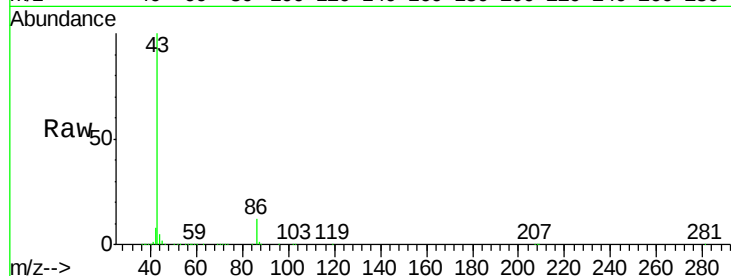
86 11.7 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.390 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

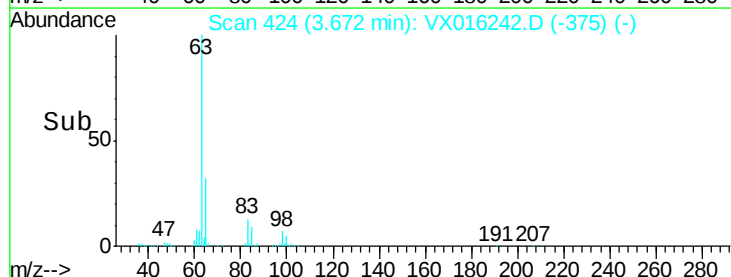
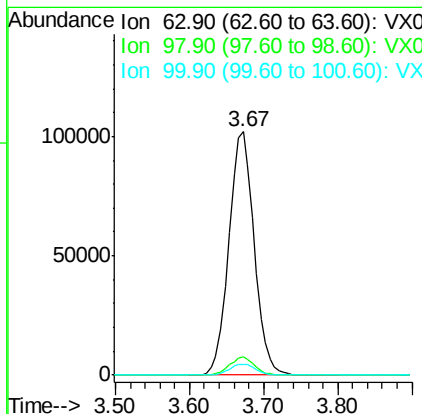
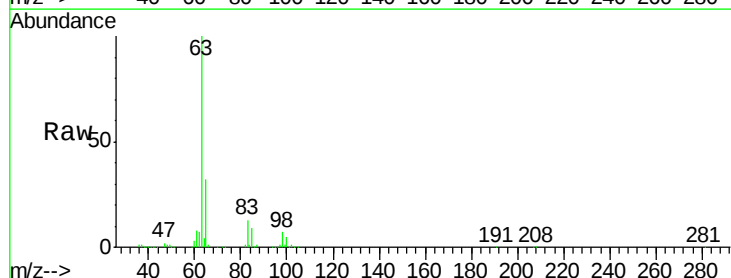
Tgt Ion: 63 Resp: 242943

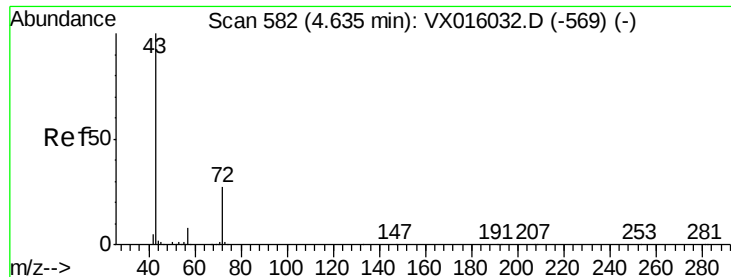
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 244.674 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

Tot Ion: 43 Resp: 566093

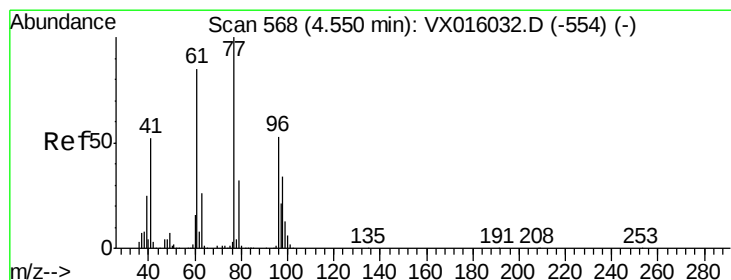
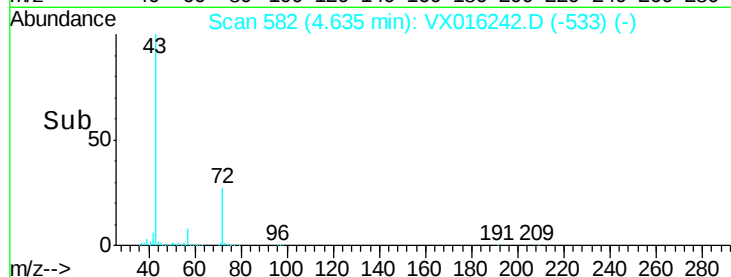
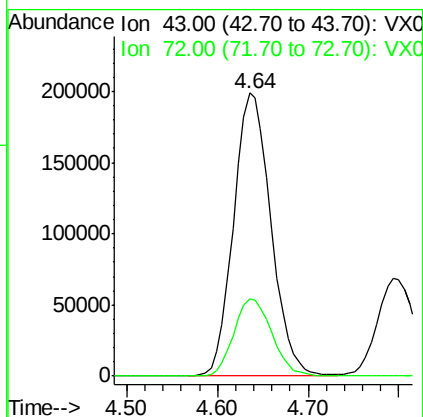
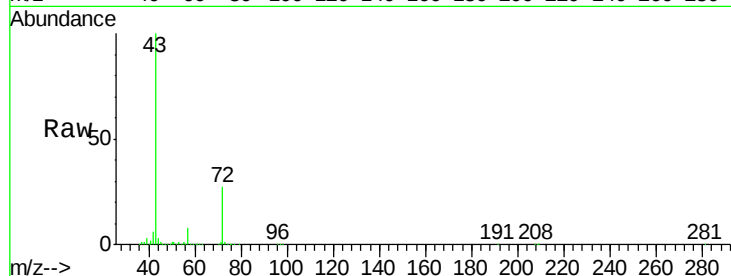
Ion Ratio Lower Upper

43 100

72 27.3 21.8 32.8

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#26

2,2-Dichloropropane

Concen: 43.356 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016242.D

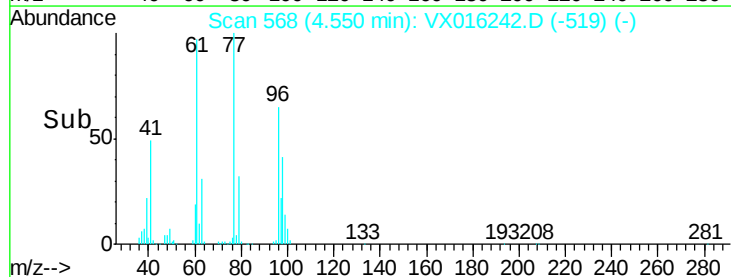
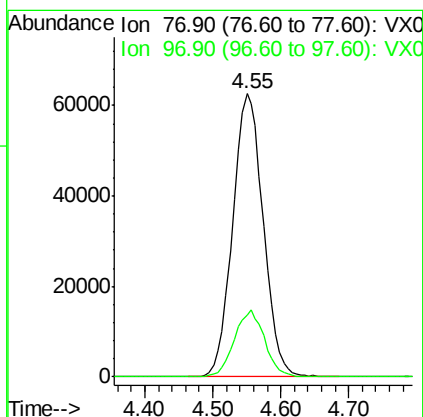
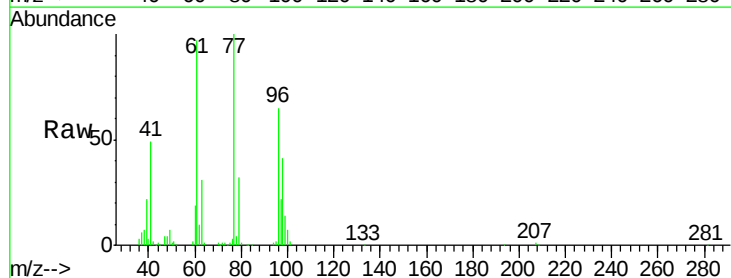
Acq: 14 May 2020 19:25

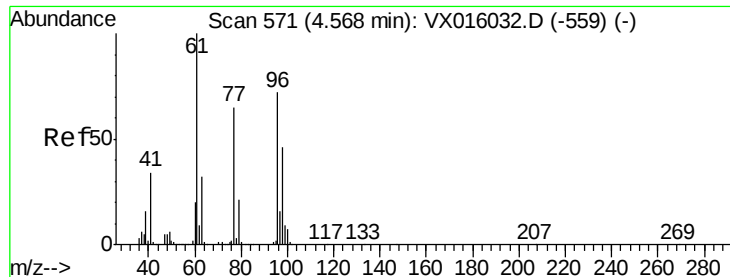
Tgt Ion: 77 Resp: 194760

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.6





#27

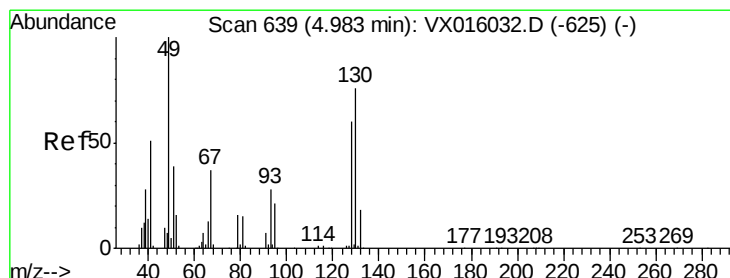
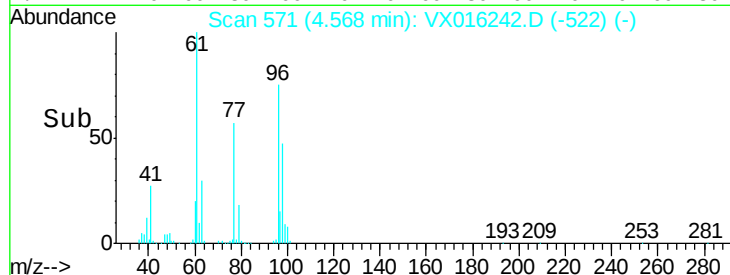
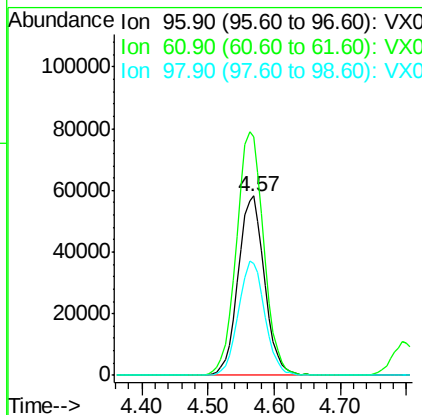
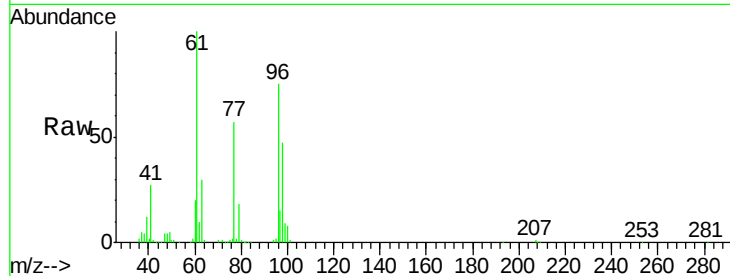
cis-1,2-Dichloroethene
Concen: 51.975 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	160962		
61	140.8	0.0	296.2	
98	64.0	0.0	129.4	

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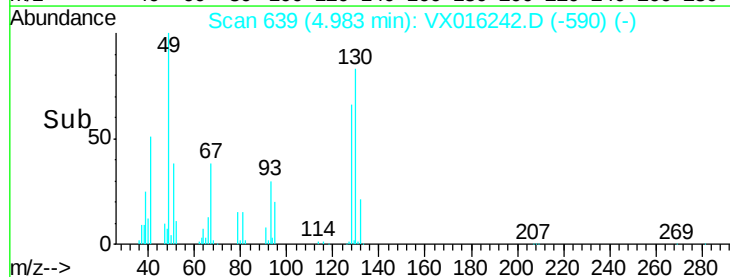
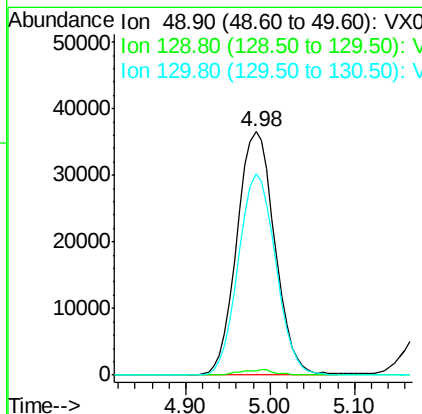
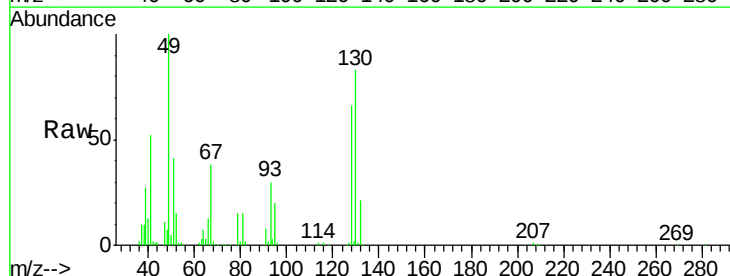
MMDadoda
5/15/2020 12:29:12 PM

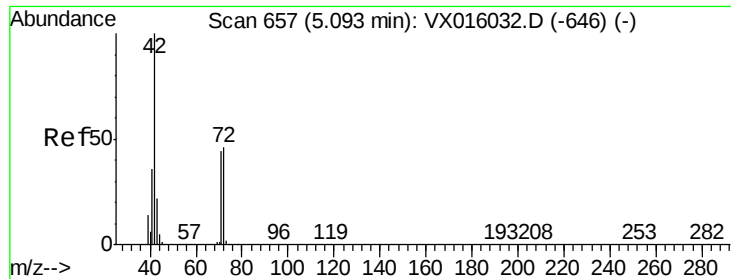


#28

Bromochloromethane
Concen: 49.746 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111576		
129	2.1	0.0	4.0	
130	81.7	62.4	93.6	





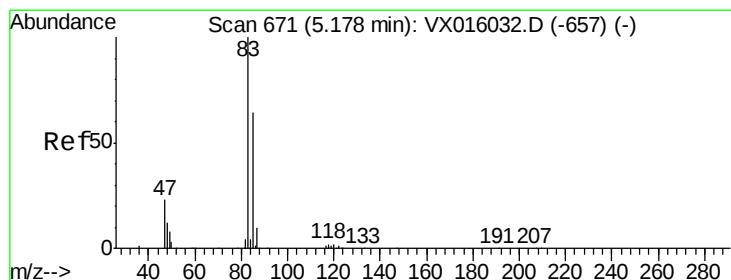
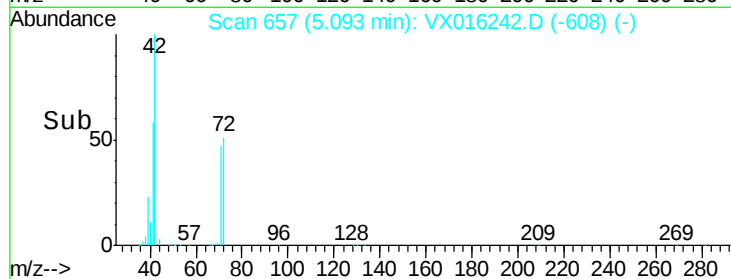
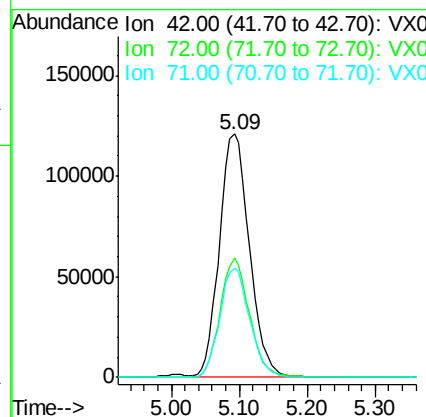
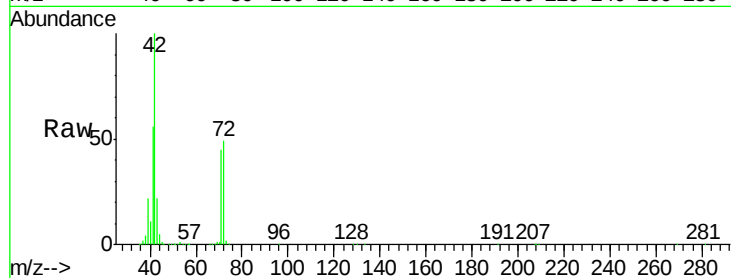
#29
Tetrahydrofuran
Concen: 241.172 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.1	37.1	55.7
71	44.7	34.5	51.7

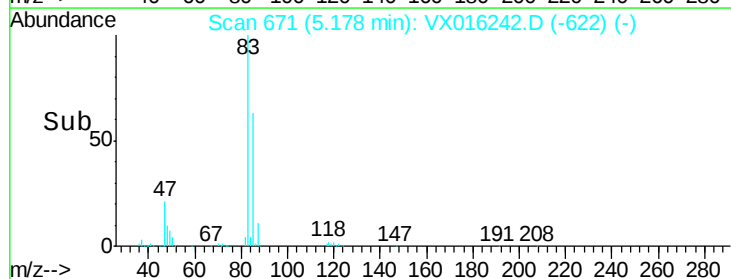
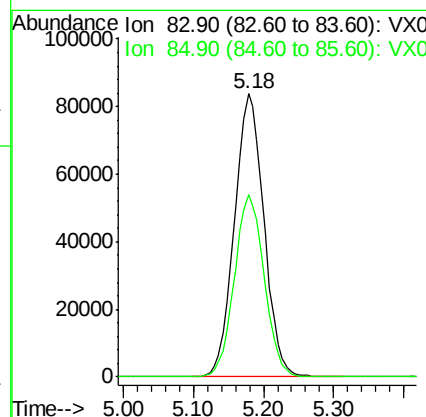
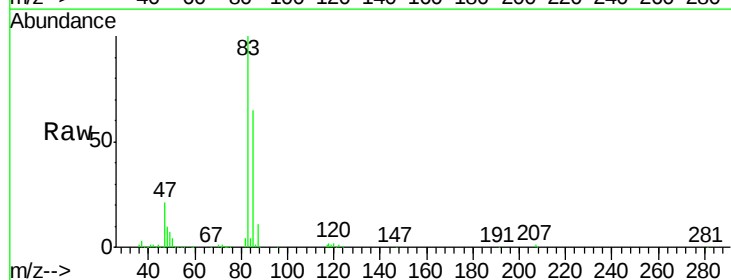
Manual Integrations
APPROVED

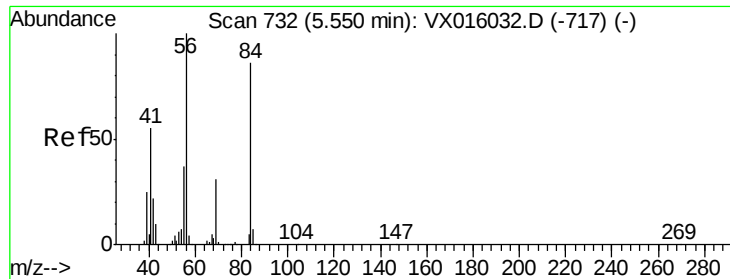
MMDadoda
5/15/2020 12:29:12 PM



#30
Chloroform
Concen: 50.098 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4





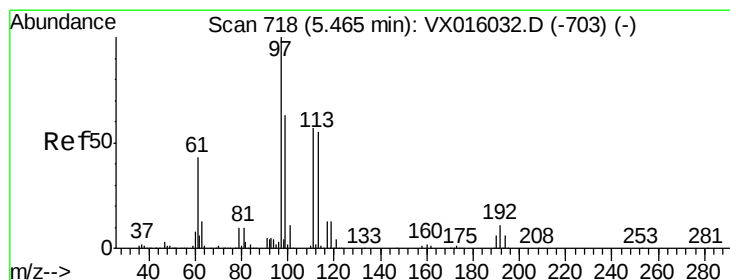
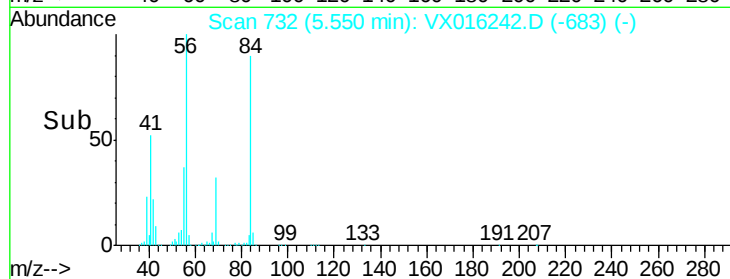
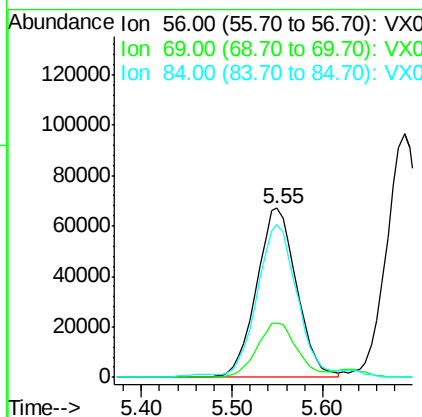
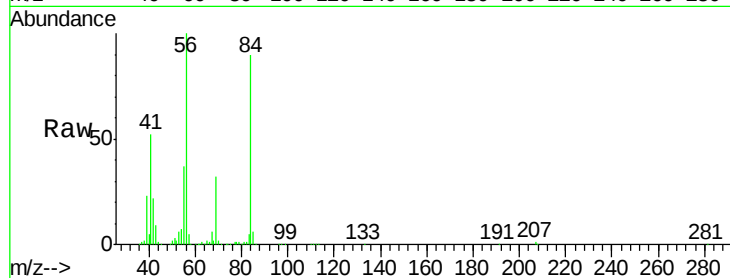
#31
Cyclohexane
Concen: 45.838 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.8	25.0	37.6	
84	89.0	69.0	103.6	

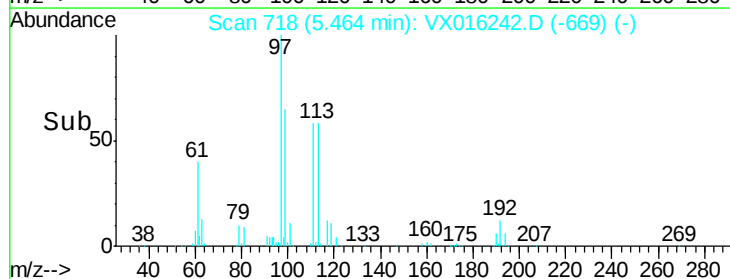
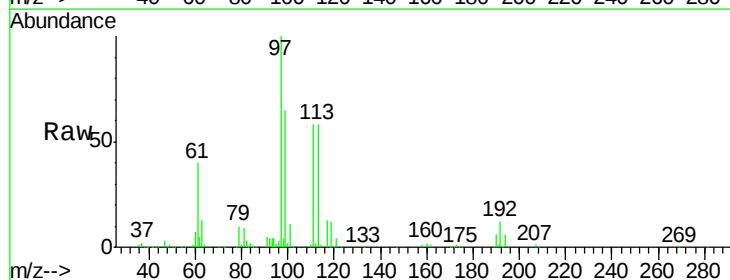
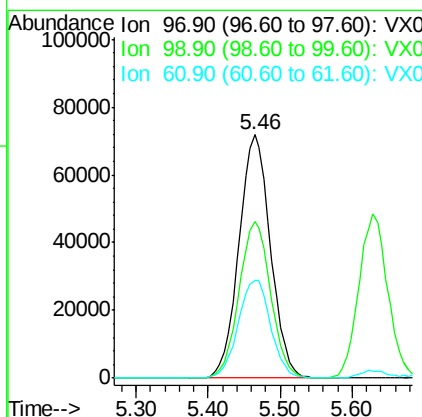
Manual Integrations
APPROVED

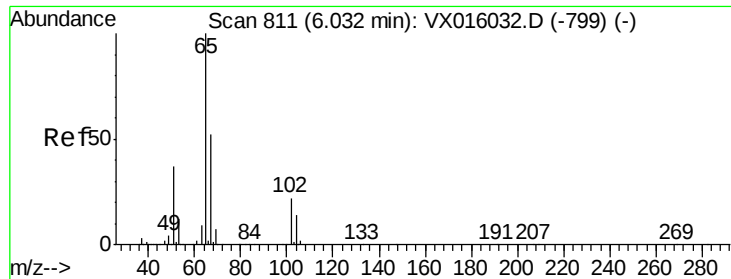
MMDadoda
5/15/2020 12:29:12 PM



#32
1,1,1-Trichloroethane
Concen: 48.925 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.7	51.0	76.4	
61	41.7	34.5	51.7	





#33

1,2-Dichloroethane-d4

Concen: 46.088 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

Tot Ion: 65 Resp: 148308

Ion Ratio Lower Upper

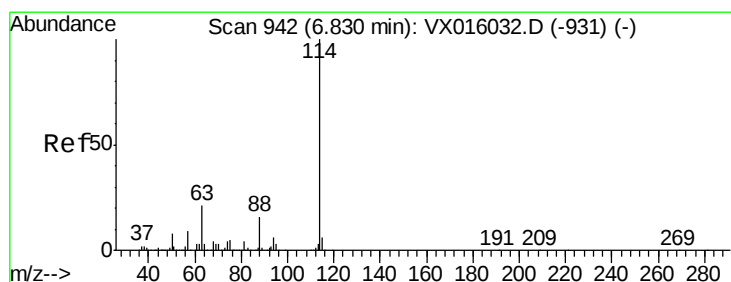
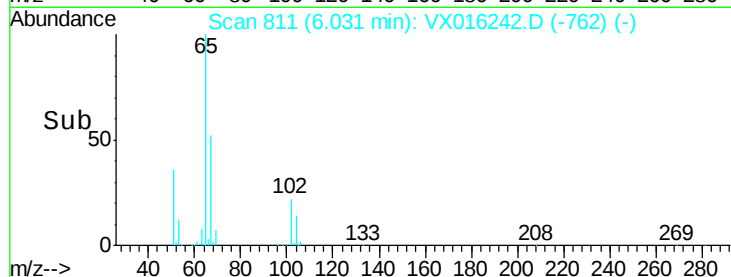
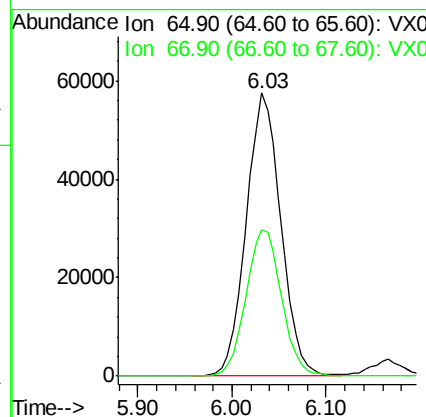
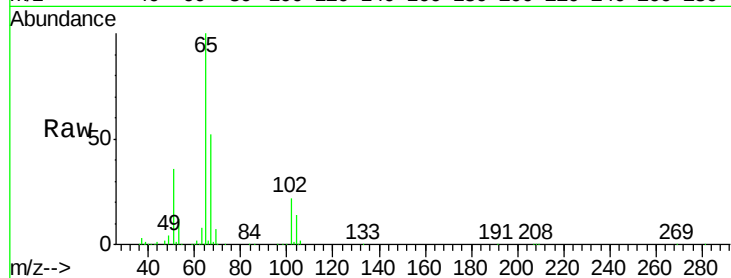
65 100

67 52.9 0.0 104.8

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



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

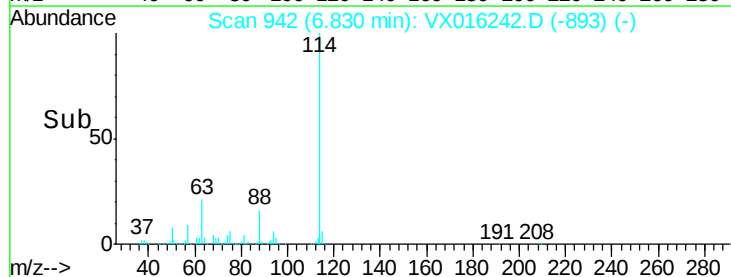
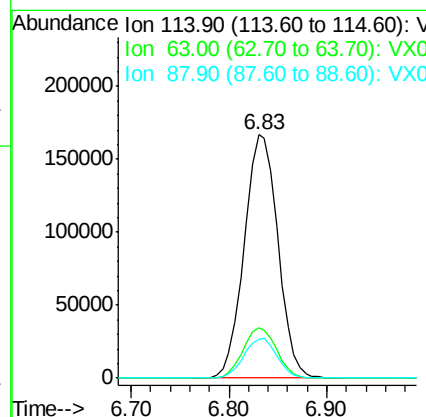
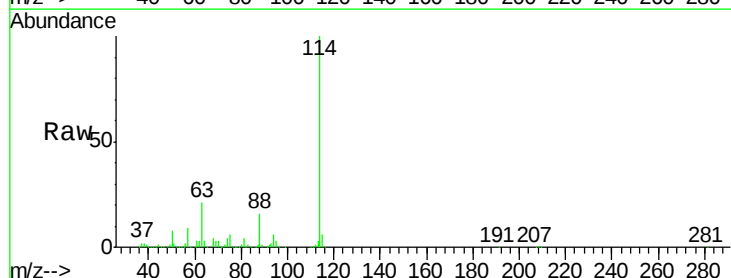
Tgt Ion: 114 Resp: 399921

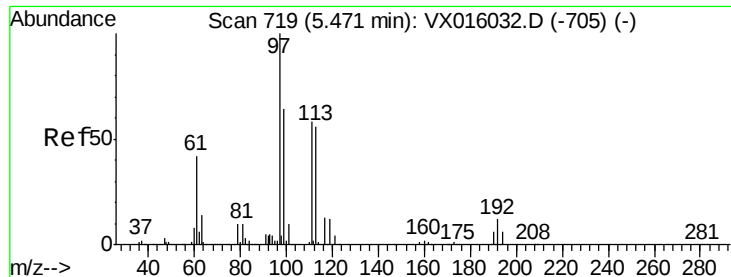
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.8

88 16.0 0.0 31.4





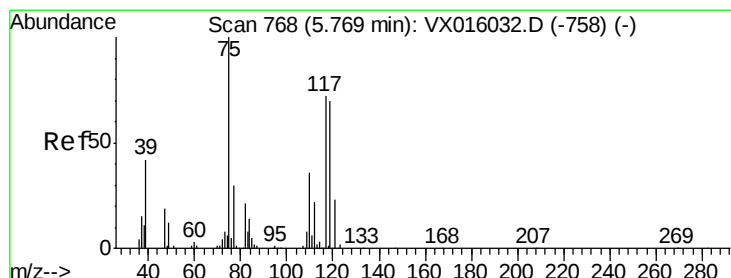
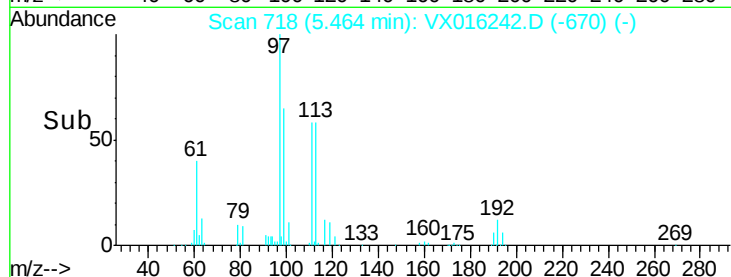
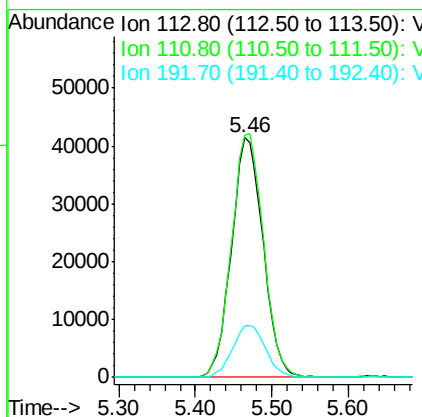
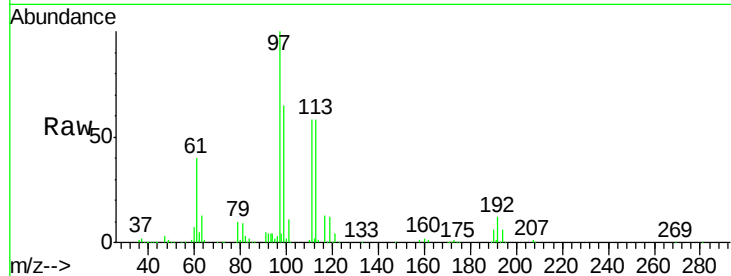
#35
 Dibromofluoromethane
 Concen: 46.850 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.8	81.6	122.4	
192	22.5	17.0	25.4	

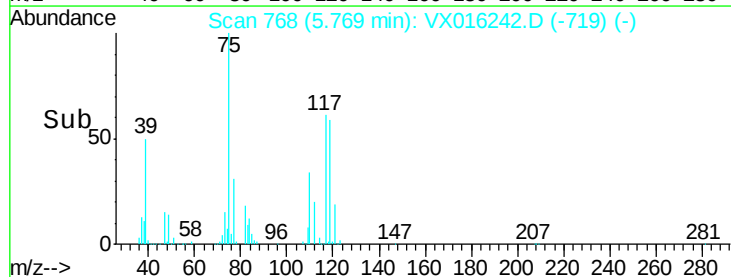
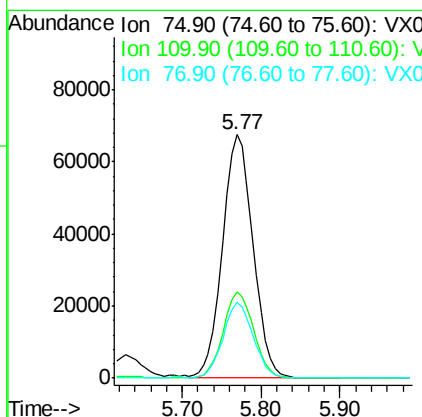
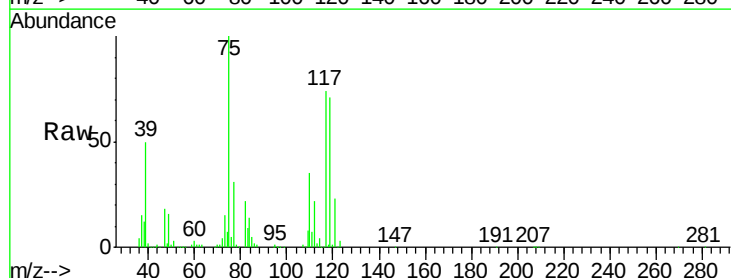
Manual Integrations
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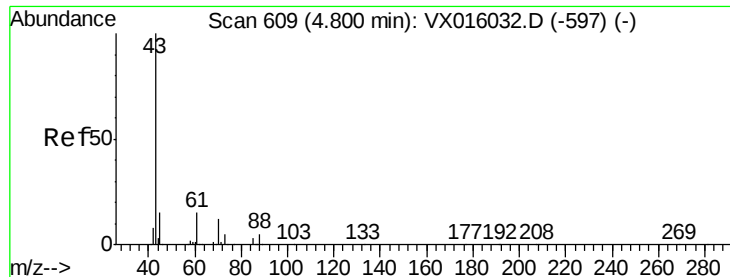
MMDadoda
 5/15/2020 12:29:12 PM



#36
 1,1-Dichloropropene
 Concen: 46.043 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.4	18.1	54.1	
77	30.9	25.0	37.6	





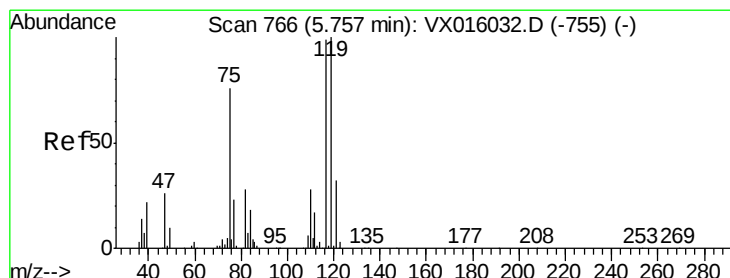
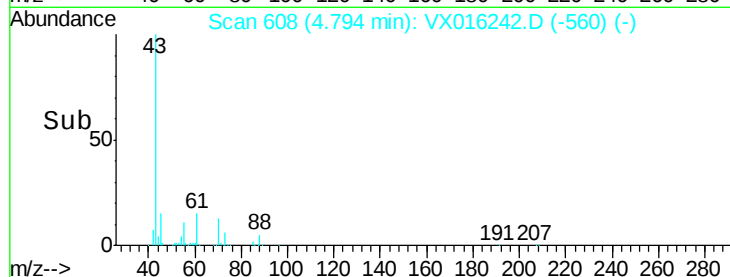
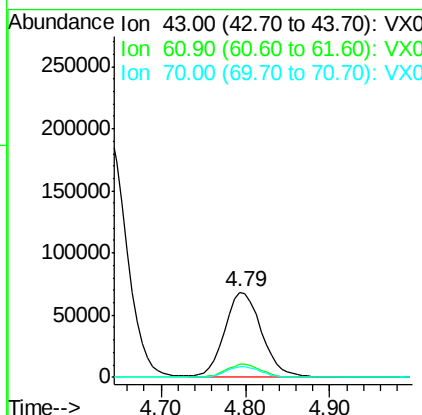
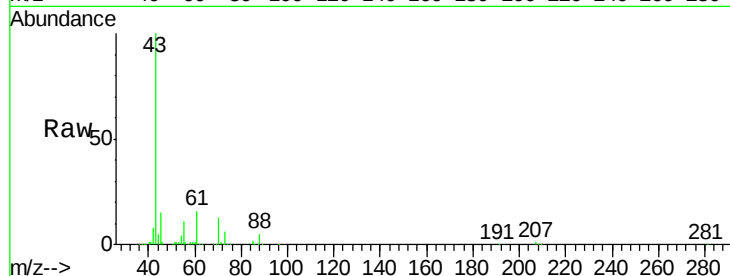
#37
Ethyl Acetate
Concen: 44.398 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion	43	Resp	202577
Ion Ratio	Lower	Upper	
43	100		
61	14.9	11.7	17.5
70	12.3	9.3	13.9

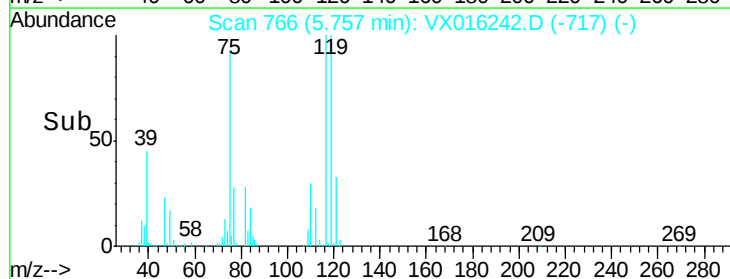
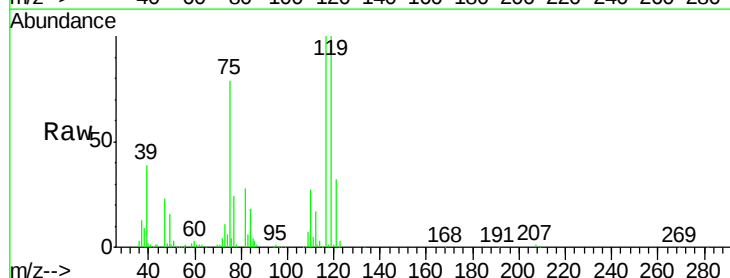
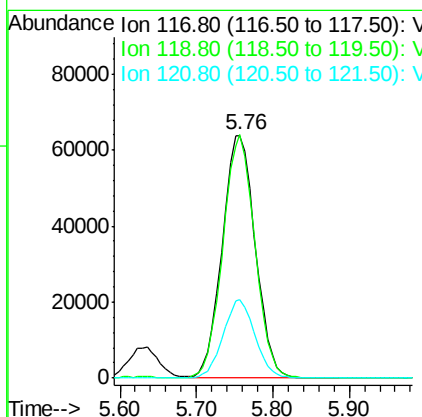
Manual Integrations
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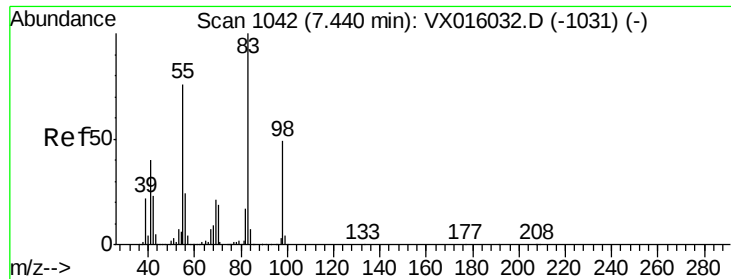
MMDadoda
5/15/2020 12:29:12 PM



#38
Carbon Tetrachloride
Concen: 47.764 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	117	Resp	191118
Ion Ratio	Lower	Upper	
117	100		
119	100.2	80.3	120.5
121	32.6	25.7	38.5





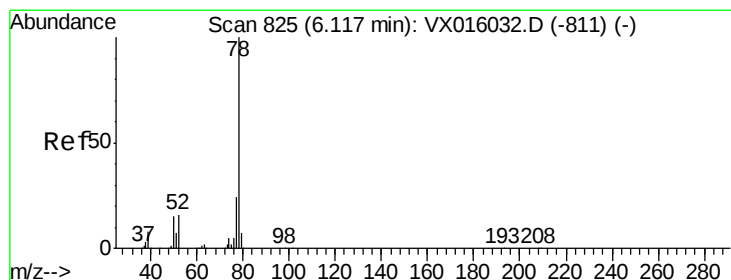
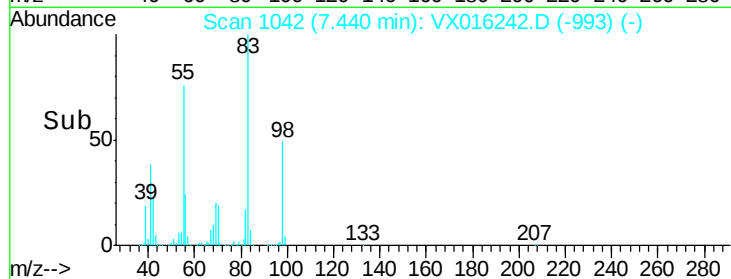
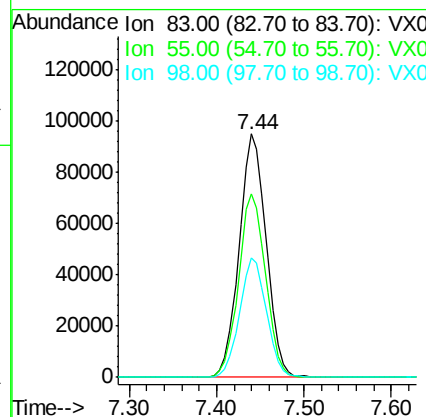
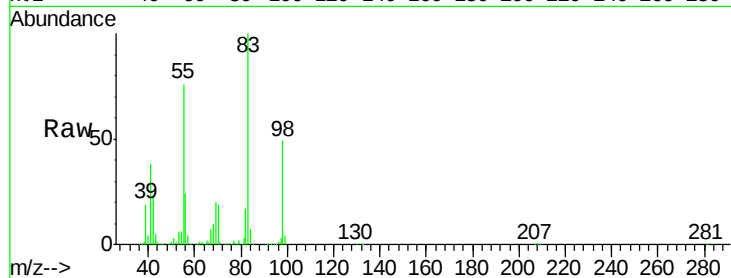
#39
Methvlcvclohexane
Concen: 43.136 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	61.1	91.7
98	48.9	39.0	58.4

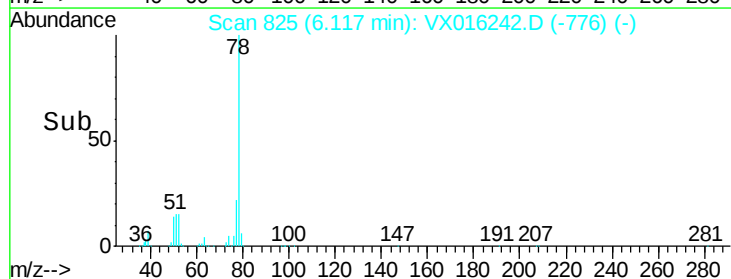
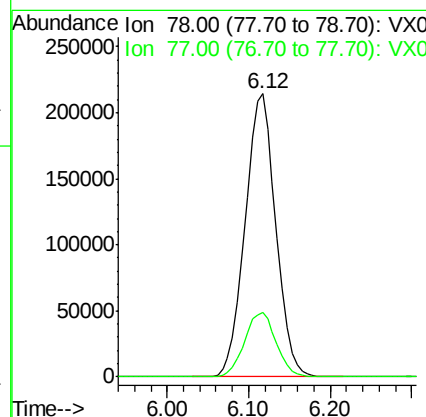
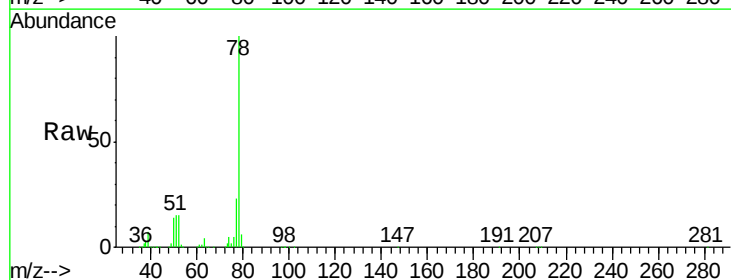
Manual Integrations
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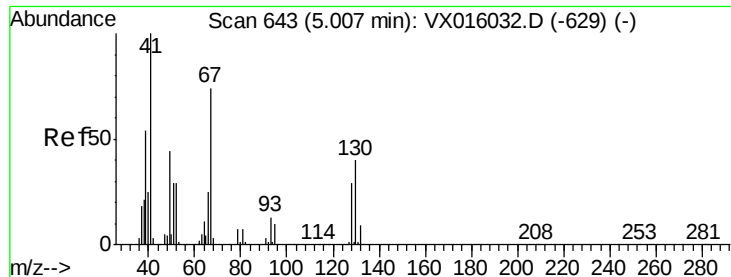
MMDadoda
5/15/2020 12:29:12 PM



#40
Benzene
Concen: 48.429 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.4





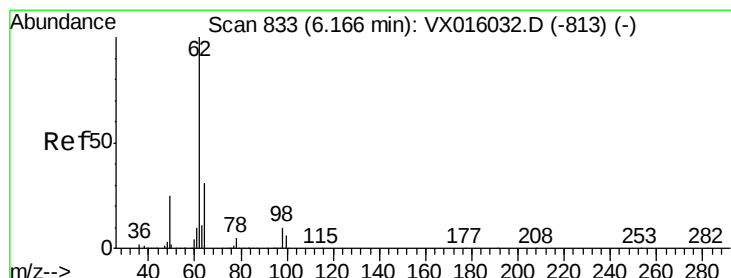
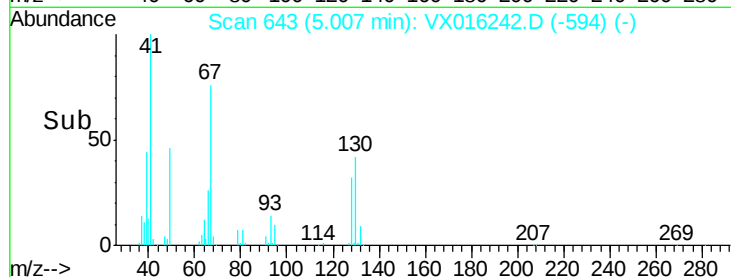
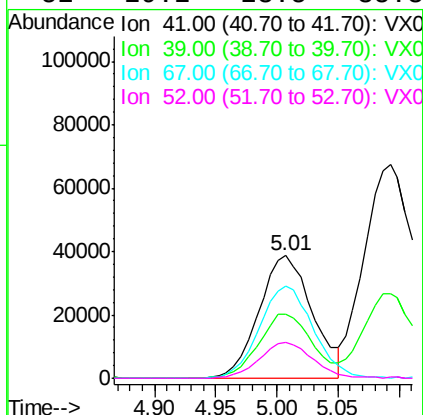
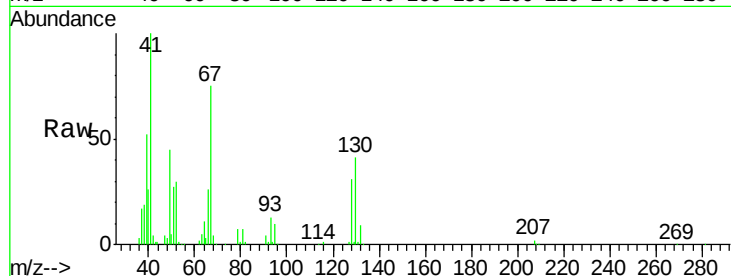
#41
Methacrylonitrile
Concen: 47.601 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		117292		
39	51.1	43.2	64.8		
67	76.5	59.3	88.9		
52	29.2	23.5	35.3		

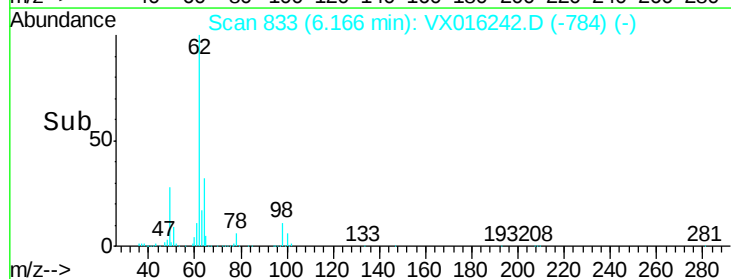
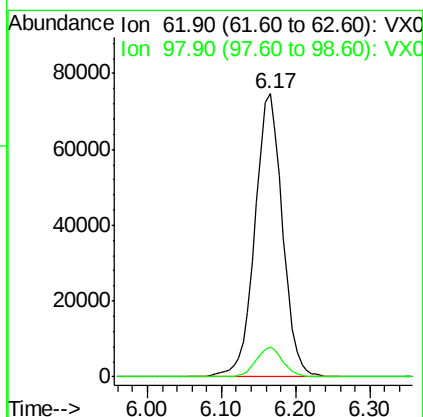
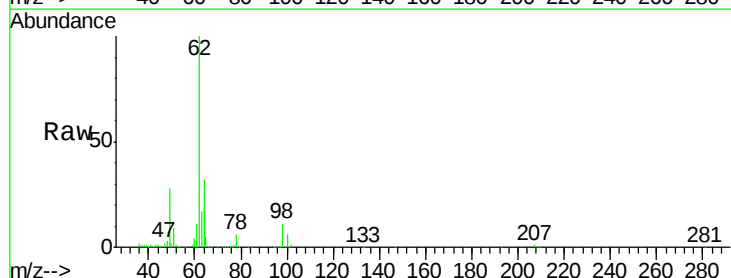
Manual Integrations
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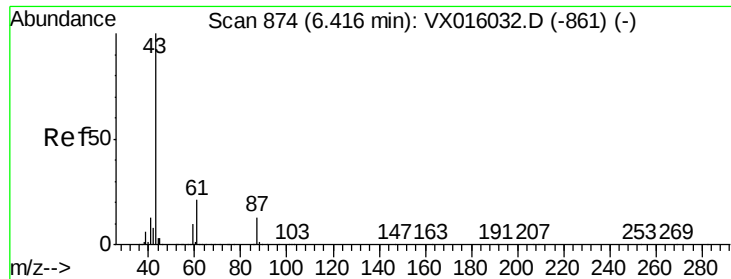
MMDadoda
5/15/2020 12:29:12 PM



#42
1,2-Dichloroethane
Concen: 46.839 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		194350		
98	10.2	0.0	19.4		





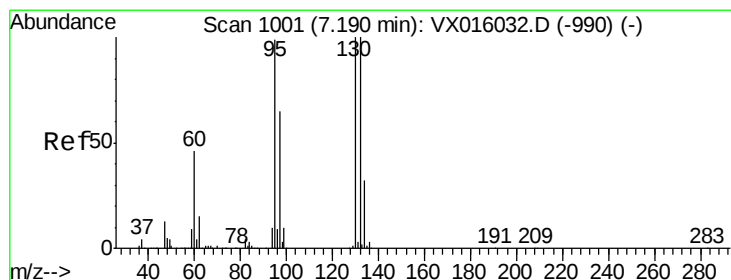
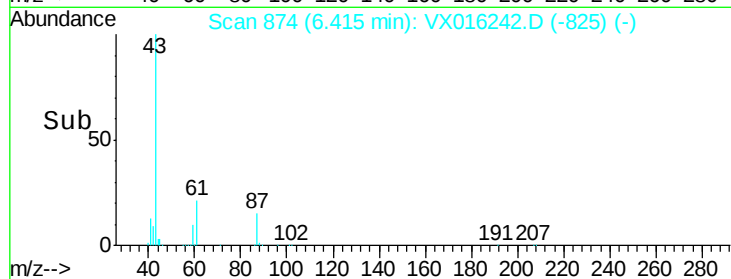
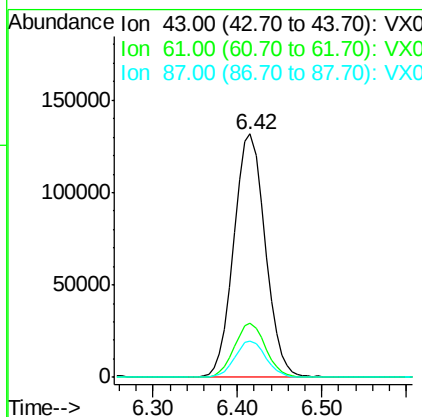
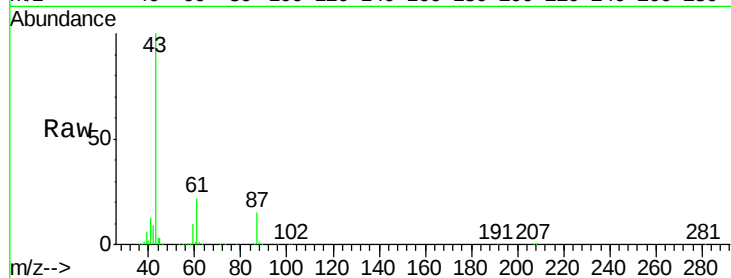
#43
Isopropyl Acetate
Concen: 45.521 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.0	25.4
87	14.7	11.0	16.6

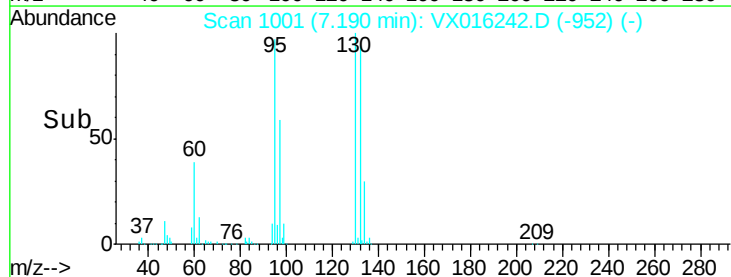
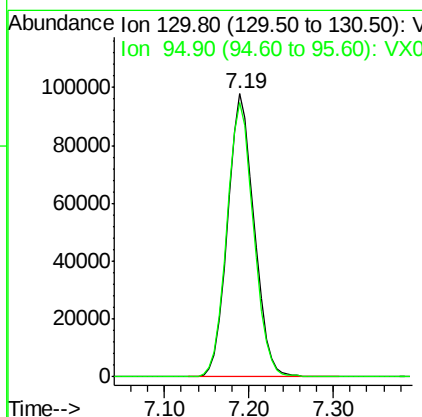
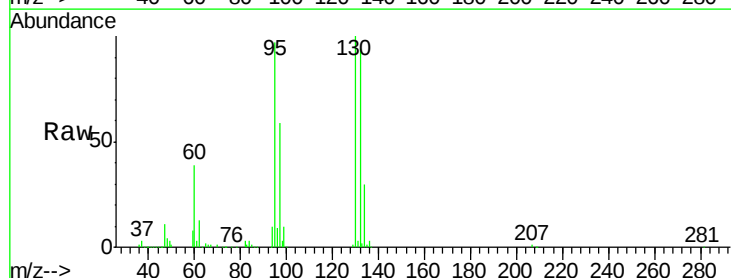
Manual Integrations
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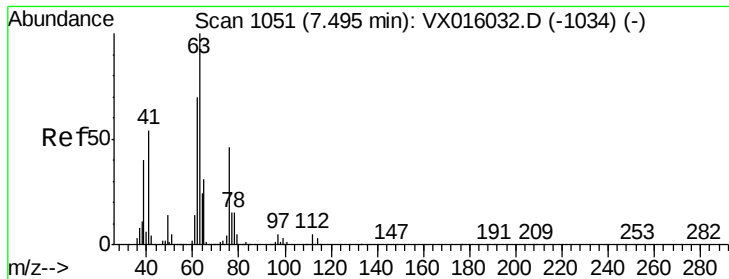
MMDadoda
5/15/2020 12:29:12 PM



#44
Trichloroethene
Concen: 51.133 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	197.4





#45

1,2-Dichloropropane

Concen: 49.157 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

Tot Ion: 63 Resp: 143272

Ion Ratio Lower Upper

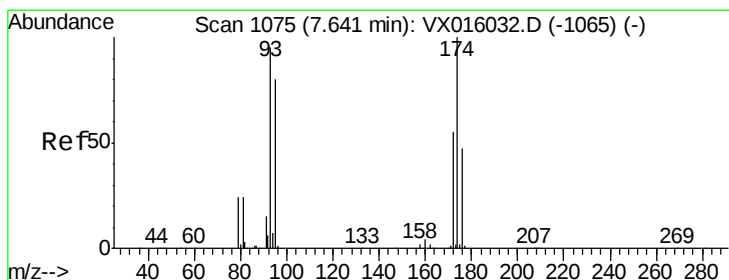
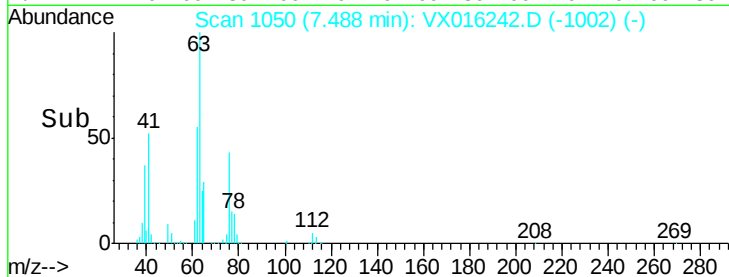
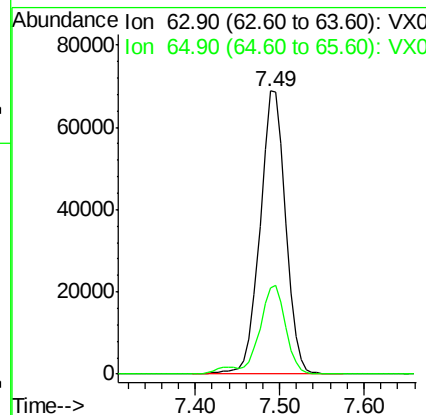
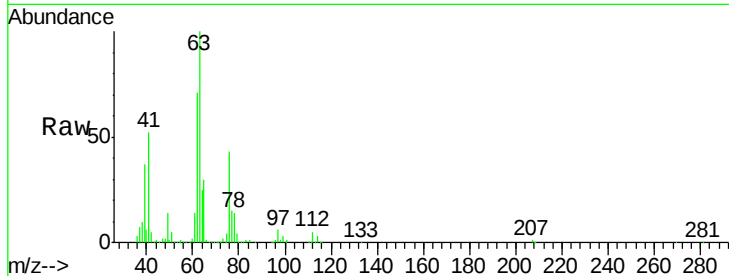
63 100

65 30.5 24.4 36.6

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#46

Dibromomethane

Concen: 48.402 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

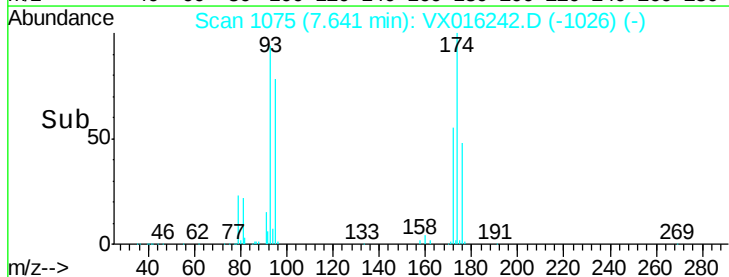
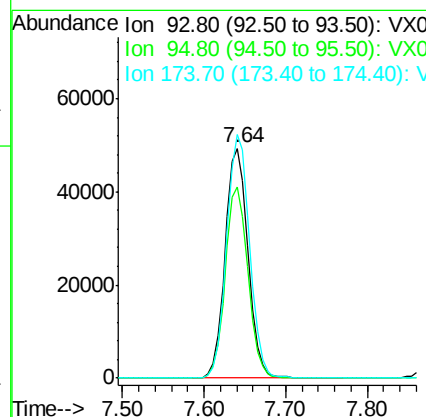
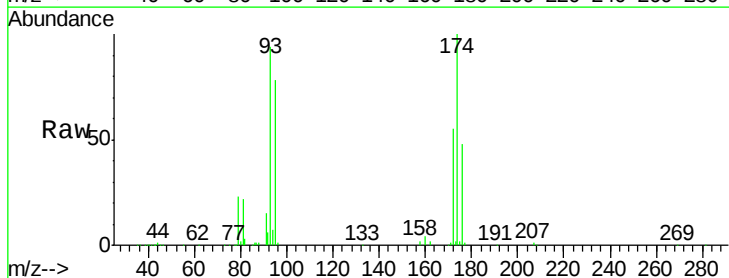
Tgt Ion: 93 Resp: 95868

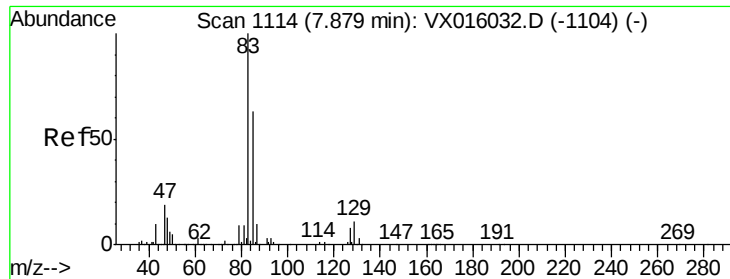
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 106.2 84.2 126.4





#47

Bromodichloromethane

Concen: 49.788 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

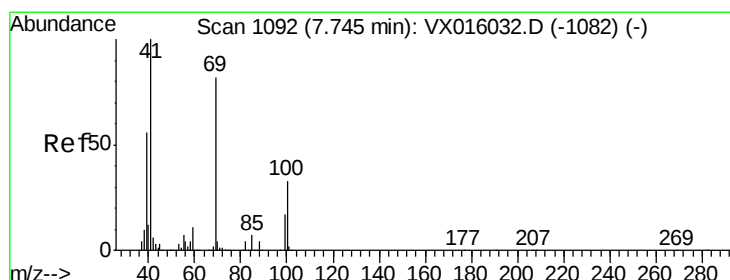
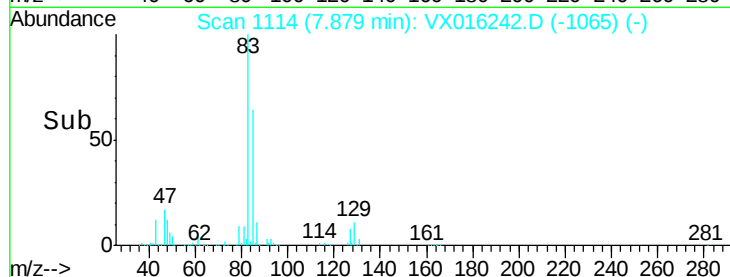
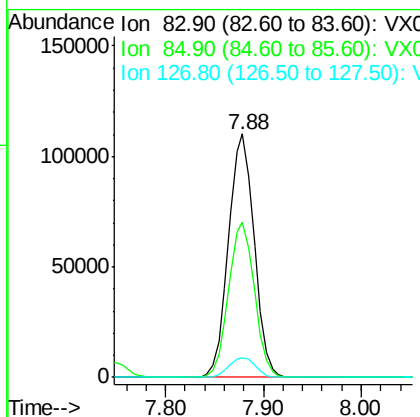
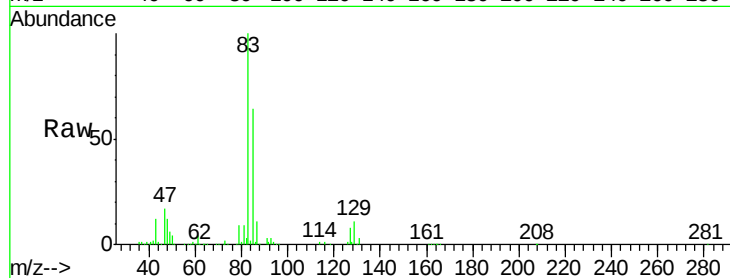
ClientSampleId :

SS052MW098-200513MSD

Tot Ion:	83	Resp:	200840
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.5	75.7
127	8.3	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.820 ug/l

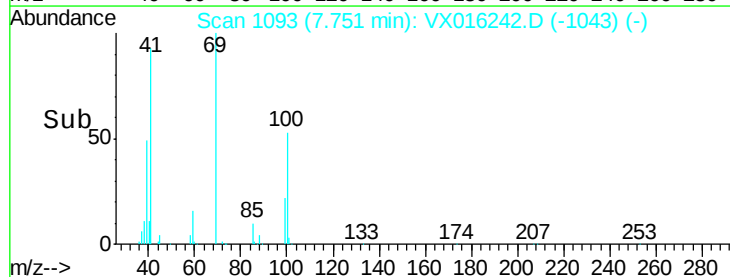
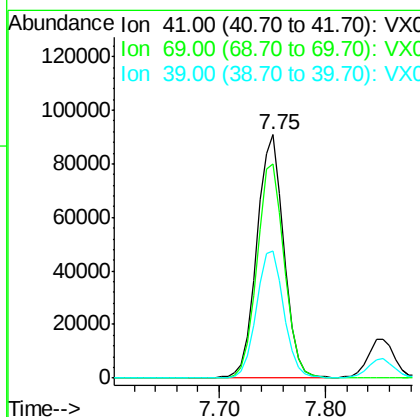
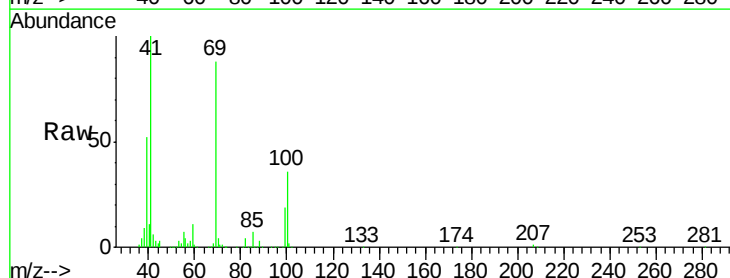
RT: 7.75 min Scan# 1093

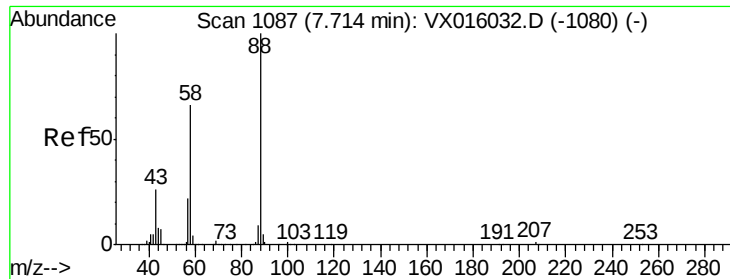
Delta R.T. 0.01 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Tgt Ion:	41	Resp:	161510
Ion Ratio	Lower	Upper	
41	100		
69	89.4	67.8	101.6
39	53.1	44.6	67.0





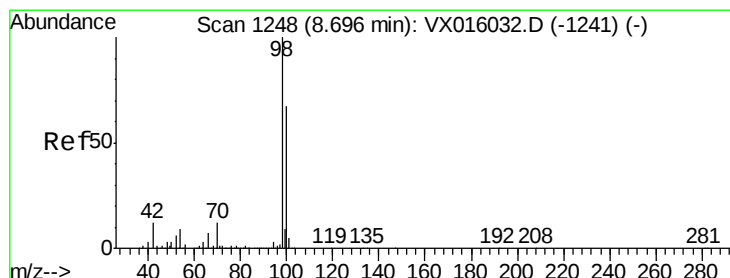
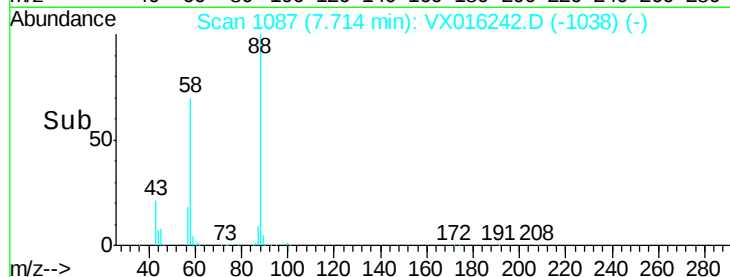
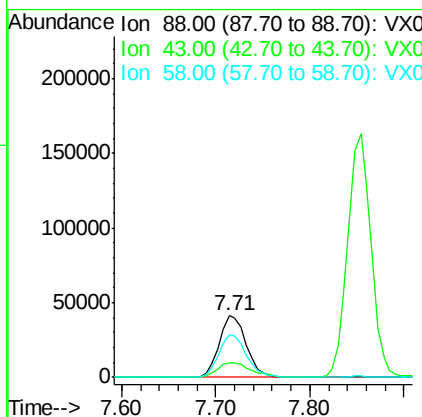
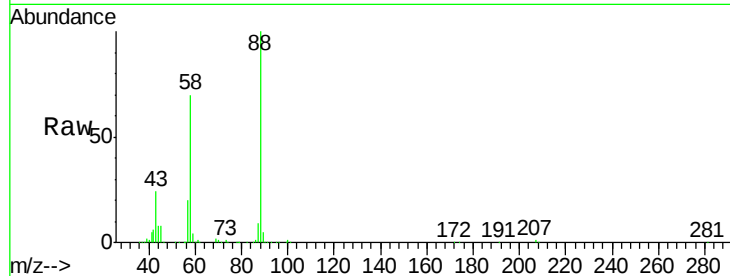
#49
1,4-Dioxane
Concen: 987.253 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	25.3	37.9
58	70.8	55.9	83.9

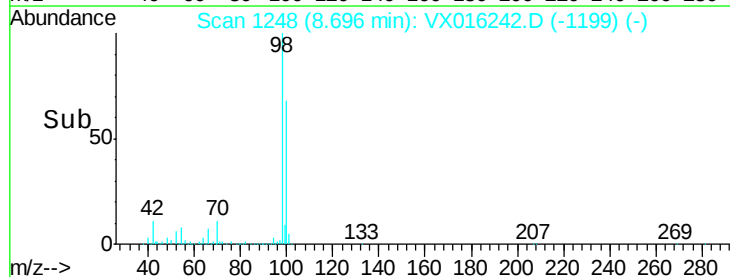
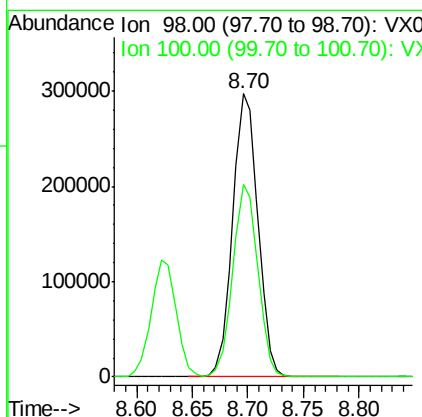
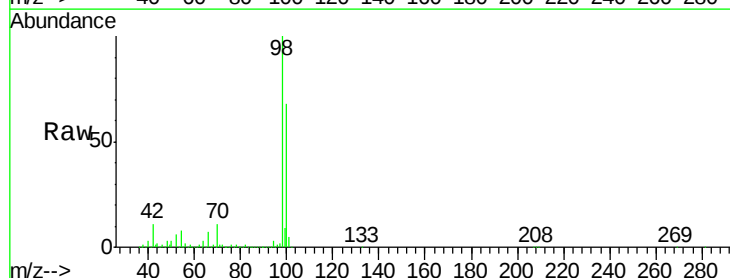
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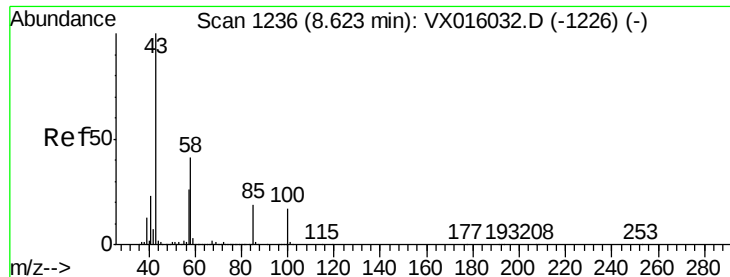
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#50
Toluene-d8
Concen: 47.811 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.7	80.5





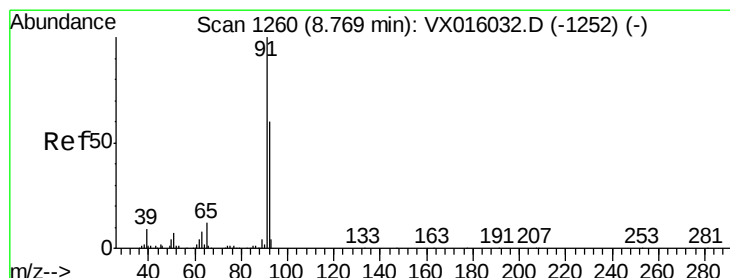
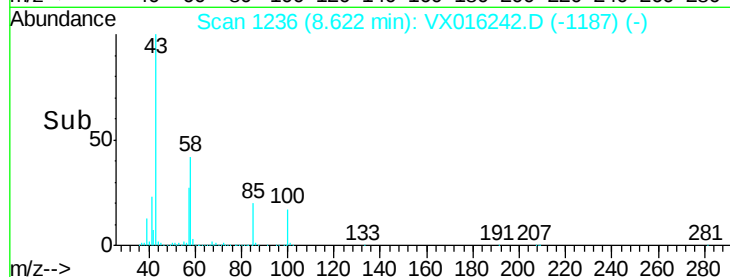
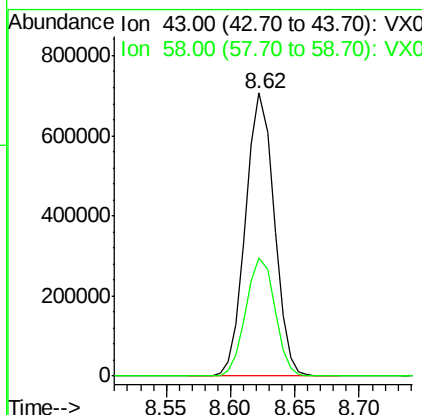
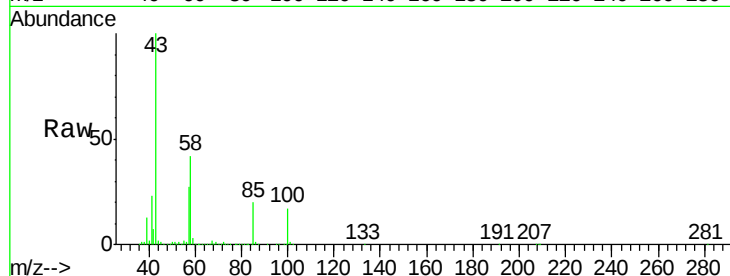
#51
 4-Methyl-2-Pentanone
 Concen: 244.385 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

Tot Ion: 43 Resp: 1088711
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.0 49.4

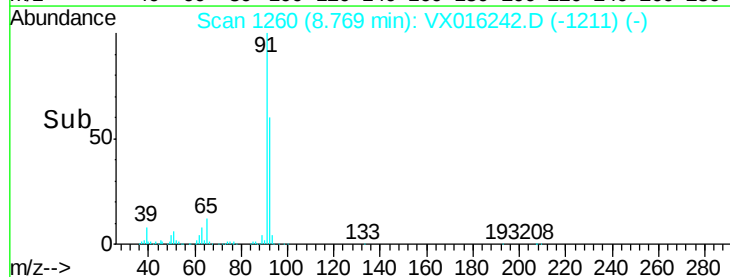
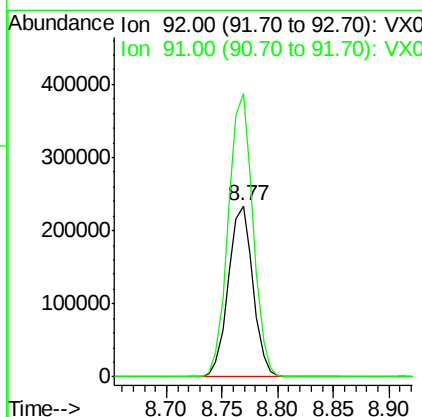
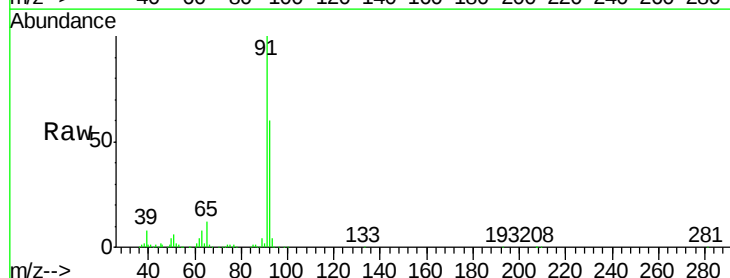
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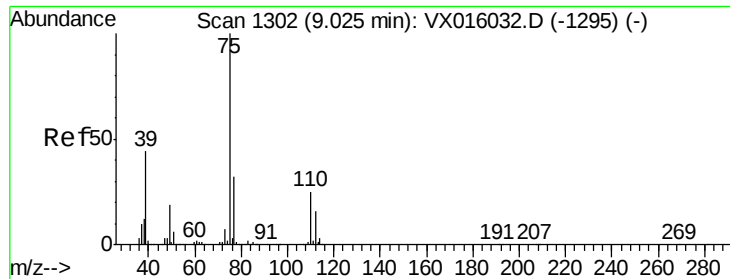
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 5/15/2020 12:29:12 PM



#52
 Toluene
 Concen: 49.637 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Tgt Ion: 92 Resp: 356379
 Ion Ratio Lower Upper
 92 100
 91 166.4 134.5 201.7





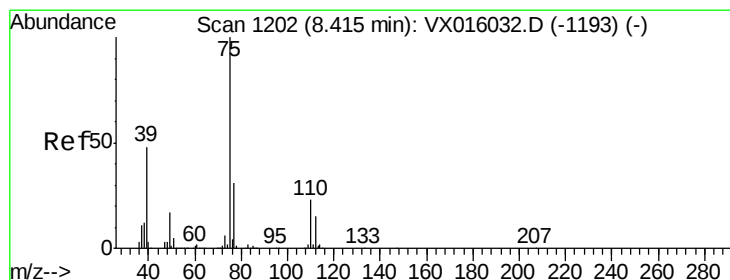
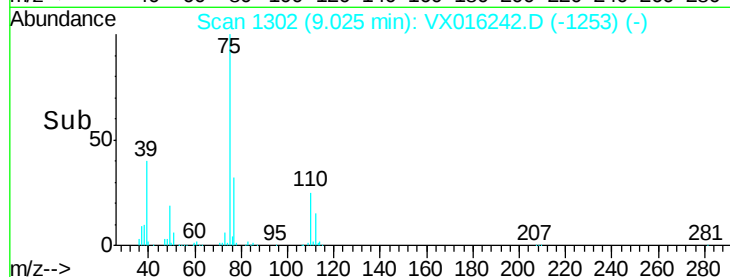
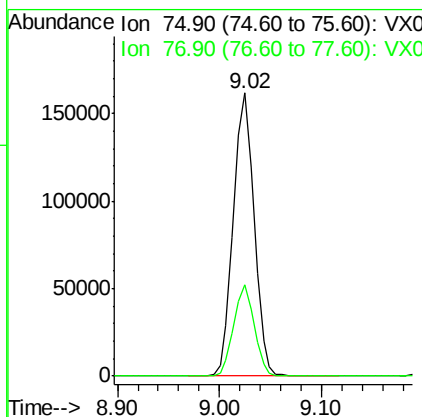
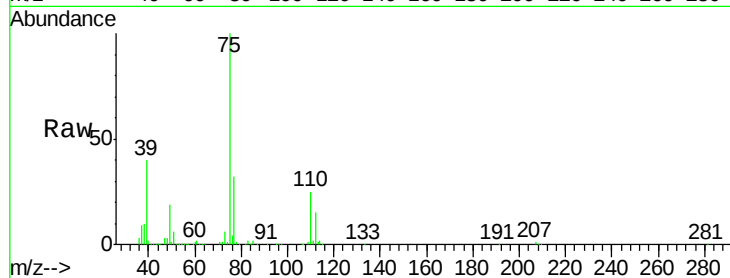
#53
t-1,3-Dichloropropene
Concen: 47.415 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5

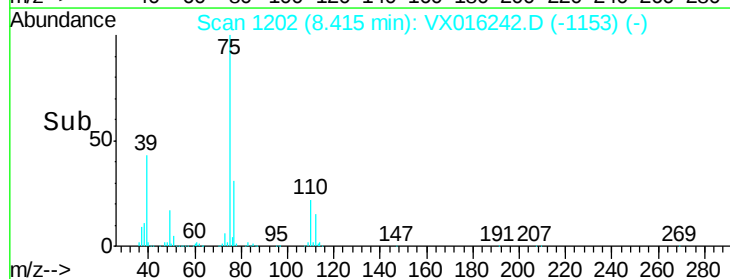
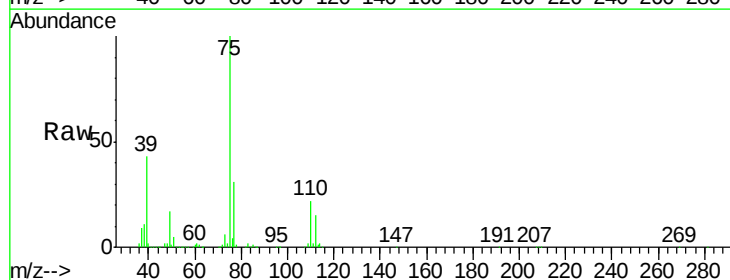
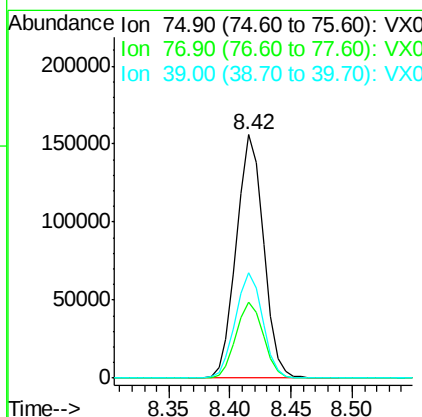
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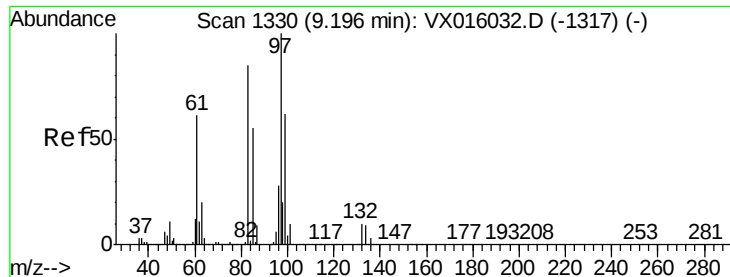
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 47.975 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.7	37.1
39	43.4	38.7	58.1





#55

1,1,2-Trichloroethane

Concen: 50.644 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

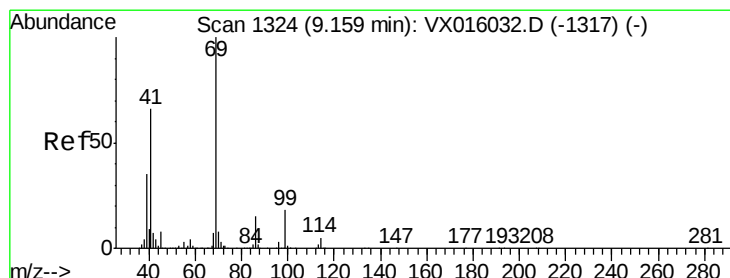
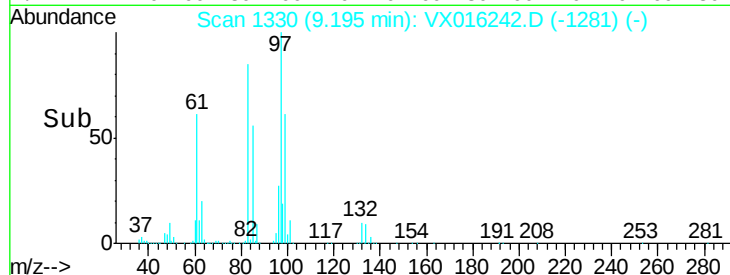
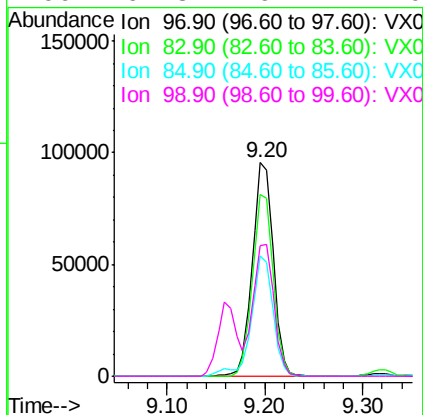
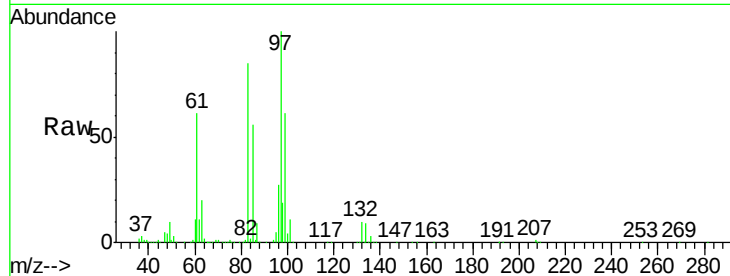
ClientSampleId :

SS052MW098-200513MSD

Tot Ion:	97	Resp:	143055
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.8	101.8
85	56.4	43.8	65.8
99	61.3	49.4	74.0

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#56

Ethyl methacrylate

Concen: 50.105 ug/l

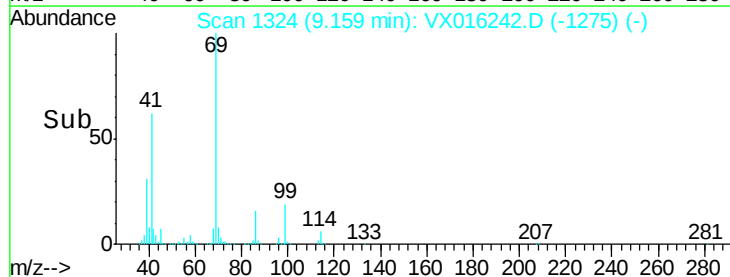
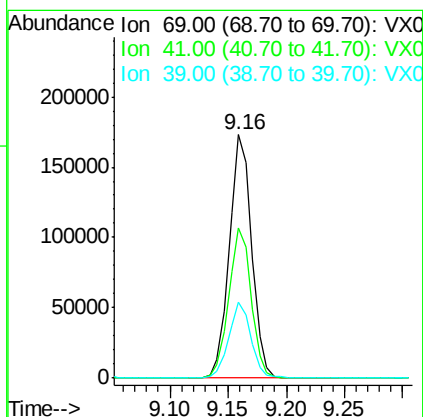
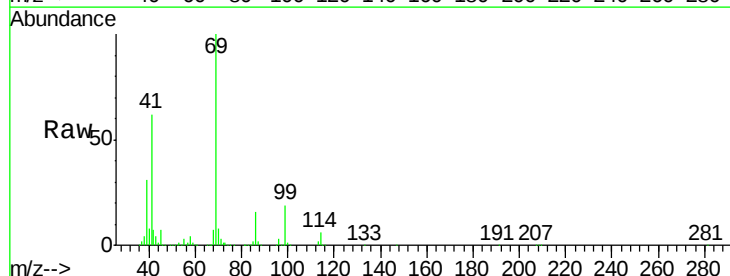
RT: 9.16 min Scan# 1324

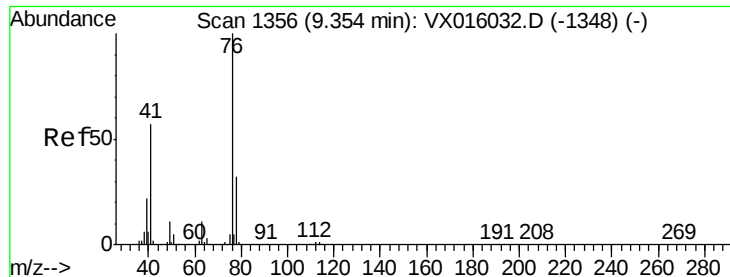
Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Tgt Ion:	69	Resp:	231028
Ion	Ratio	Lower	Upper
69	100		
41	61.9	52.2	78.4
39	31.0	28.2	42.4





#57

1,3-Dichloropropane

Concen: 50.085 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

Tot Ion: 76 Resp: 246862

Ion Ratio Lower Upper

76 100

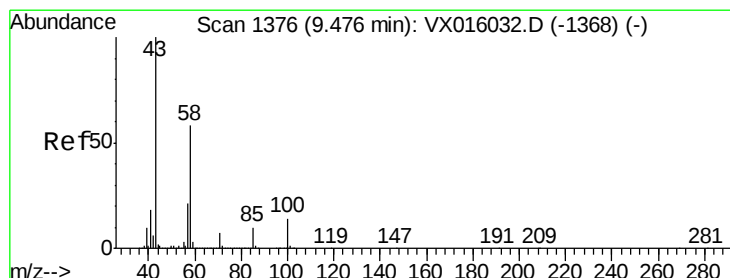
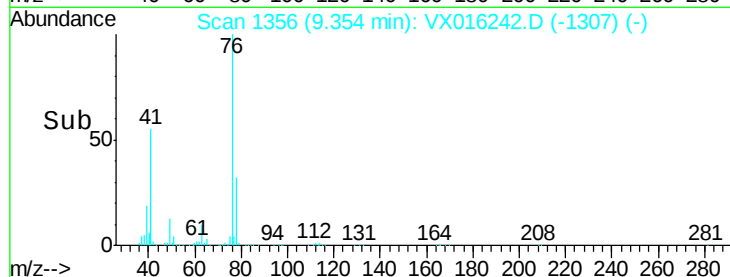
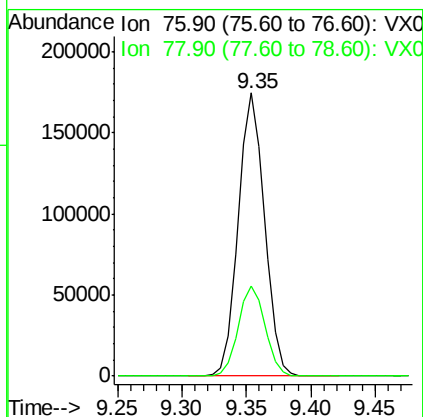
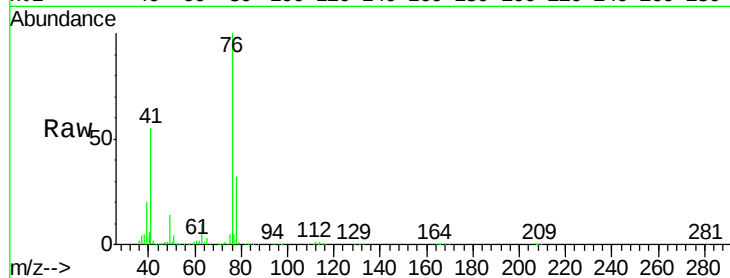
78 32.3 25.9 38.9

Manual Integrations

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#59

2-Hexanone

Concen: 242.661 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016242.D

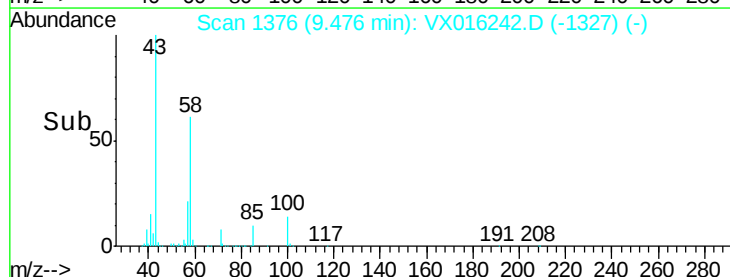
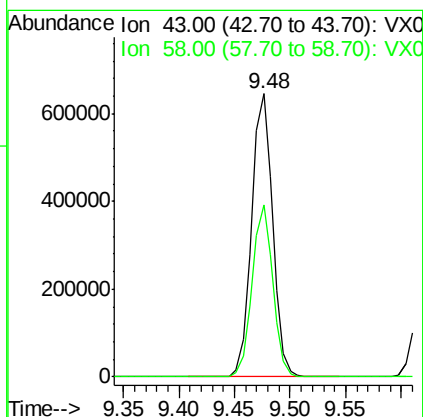
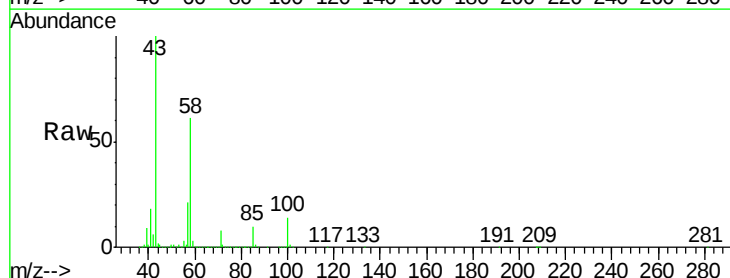
Acq: 14 May 2020 19:25

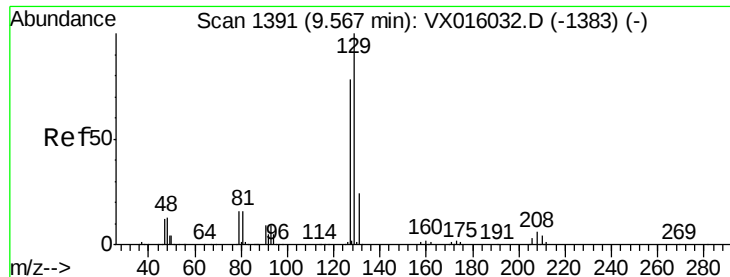
Tgt Ion: 43 Resp: 848959

Ion Ratio Lower Upper

43 100

58 59.8 28.6 85.9





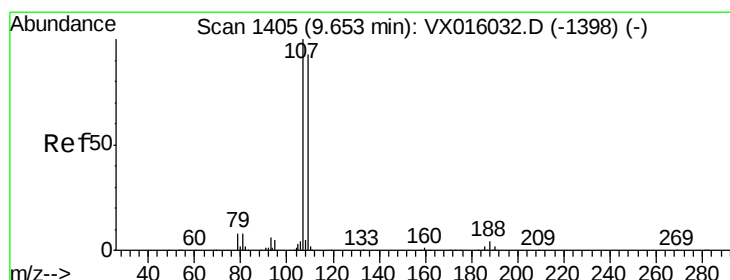
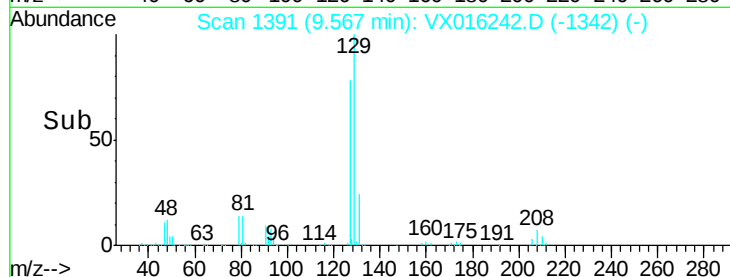
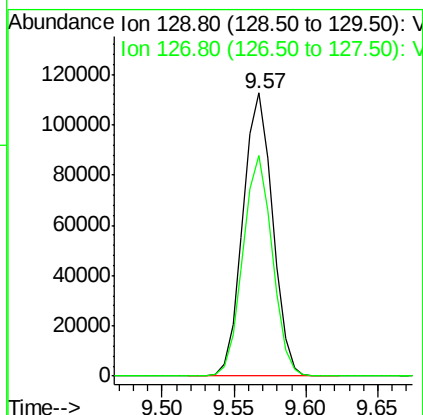
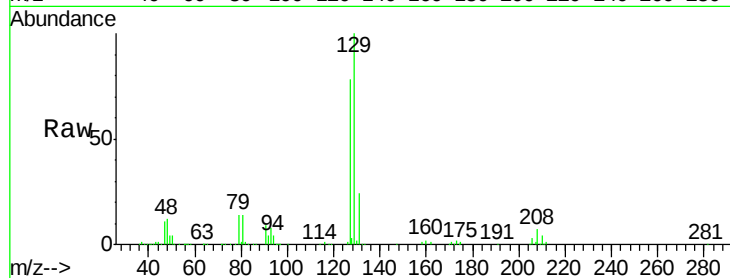
#60
Dibromochloromethane
Concen: 51.793 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.4	115.2

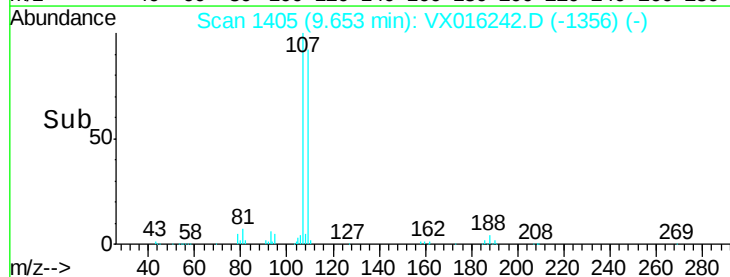
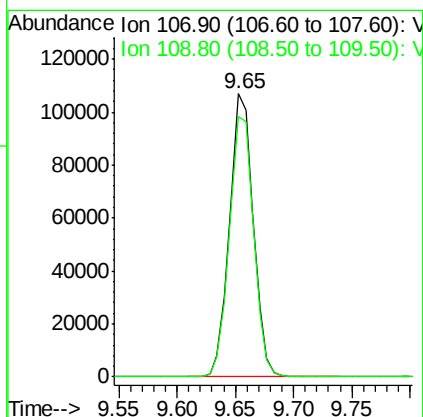
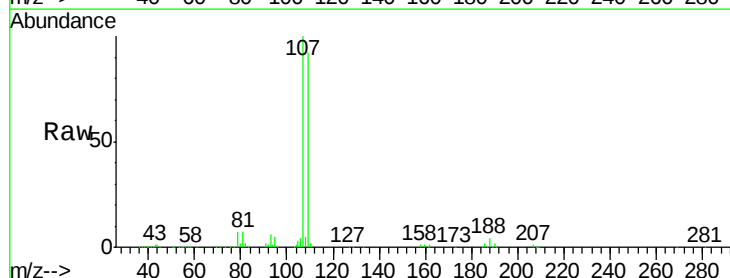
Manual Integrations
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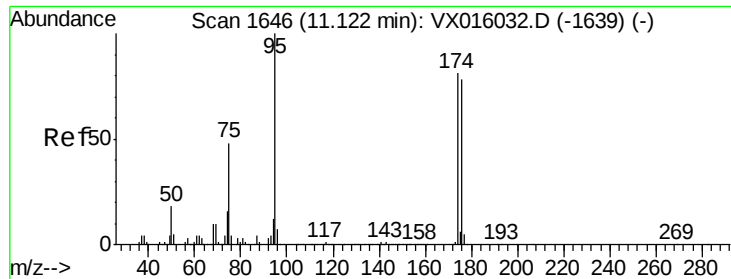
MMDadoda
5/15/2020 12:29:12 PM



#61
1,2-Dibromoethane
Concen: 49.796 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.9	74.9	112.3





#62

4-Bromofluorobenzene

Concen: 49.701 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

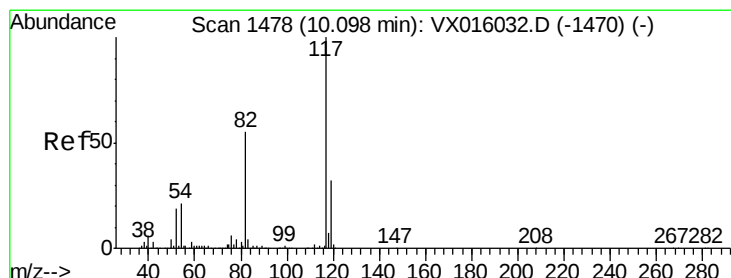
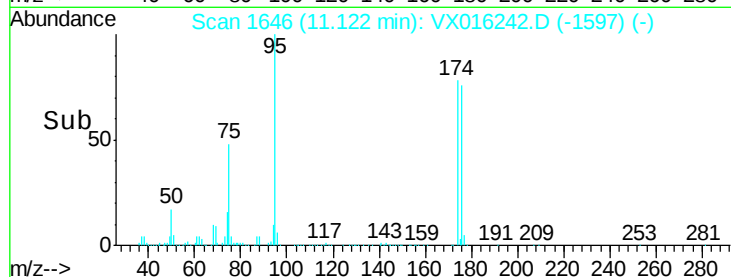
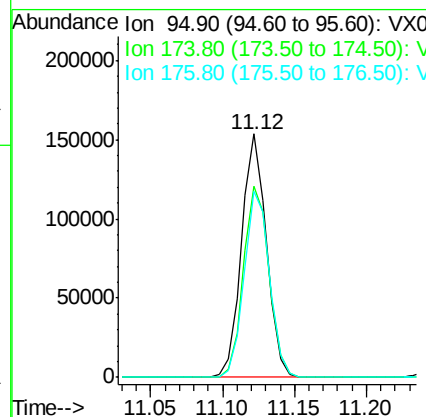
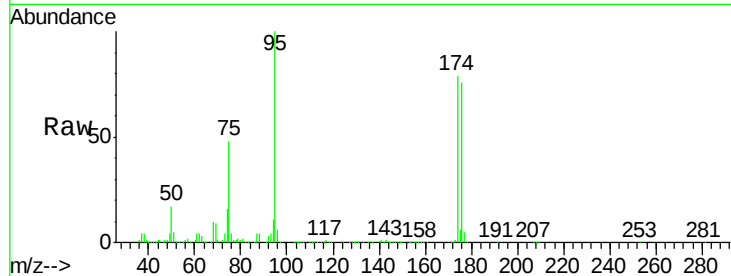
ClientSampleId :

SS052MW098-200513MSD

Tot Ion:	95	Resp:	184547
Ion Ratio	Lower	Upper	
95	100		
174	80.4	0.0	159.4
176	77.5	0.0	157.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

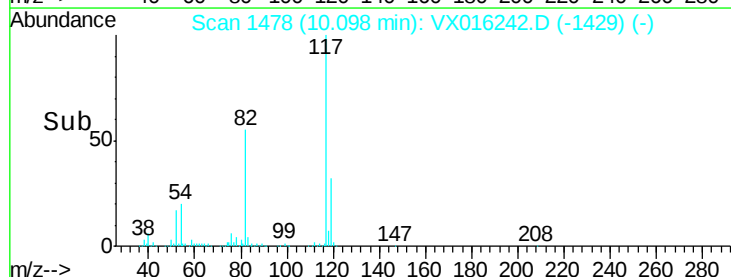
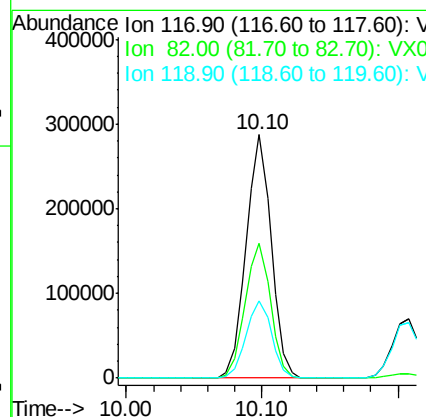
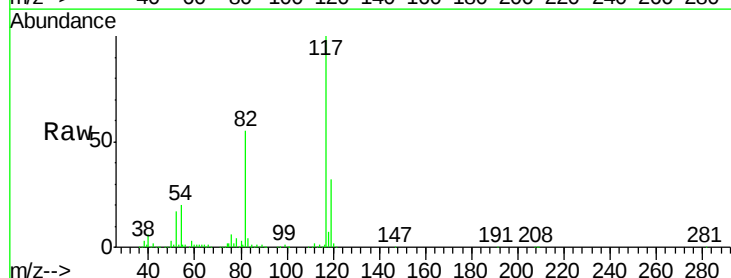
RT: 10.10 min Scan# 1478

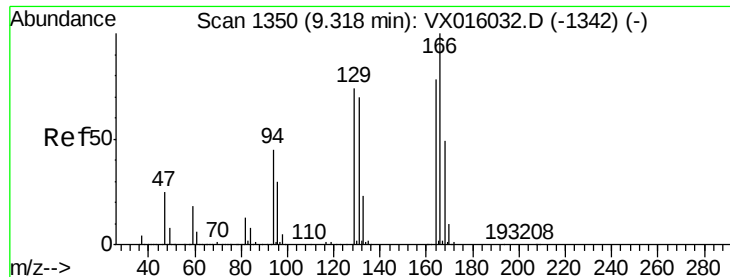
Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Tgt Ion:	117	Resp:	371283
Ion Ratio	Lower	Upper	
117	100		
82	55.1	44.4	66.6
119	31.6	25.5	38.3





#64

Tetrachloroethene

Concen: 43.890 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

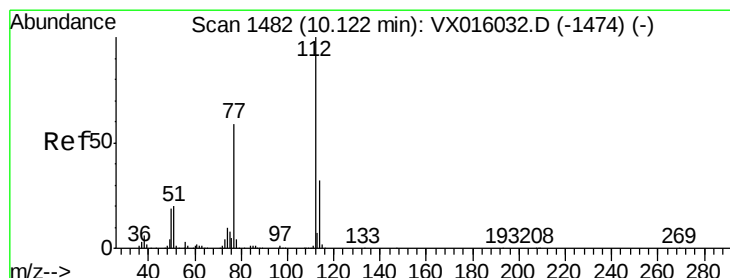
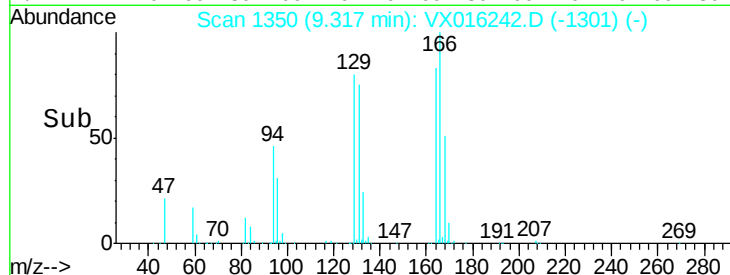
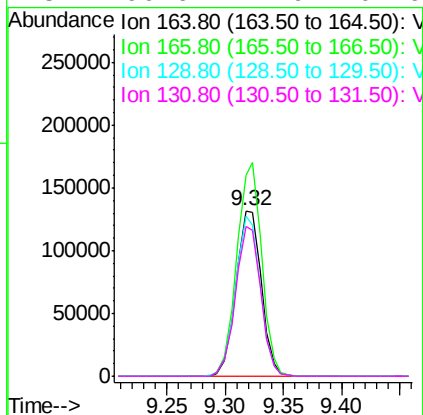
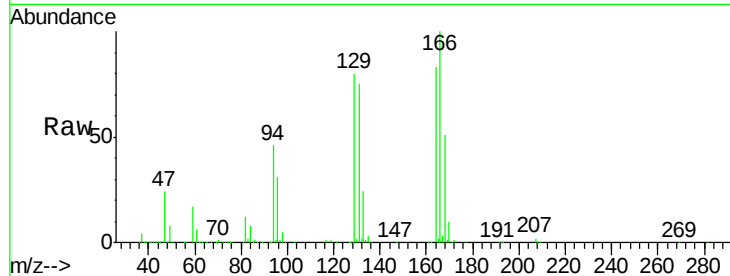
ClientSampleId :

SS052MW098-200513MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	121.1	102.9	154.3
129	96.5	76.1	114.1
131	90.6	71.9	107.9

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#65

Chlorobenzene

Concen: 48.819 ug/l

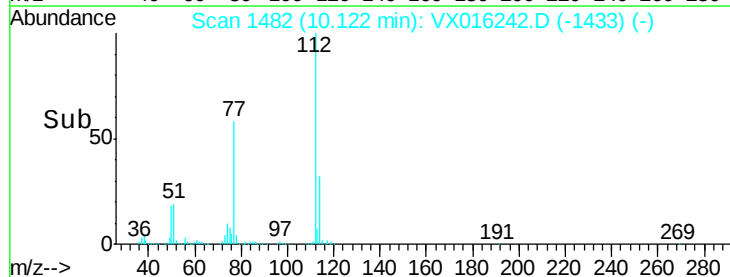
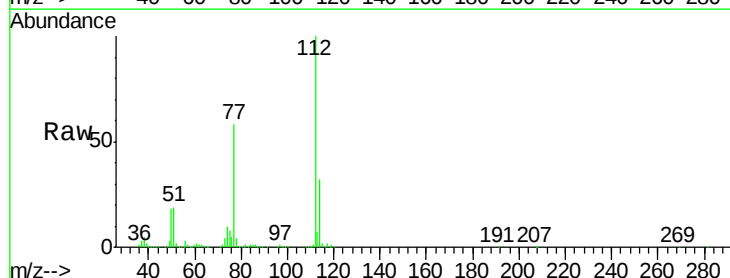
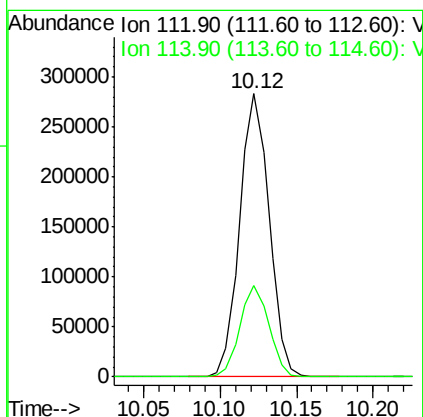
RT: 10.12 min Scan# 1482

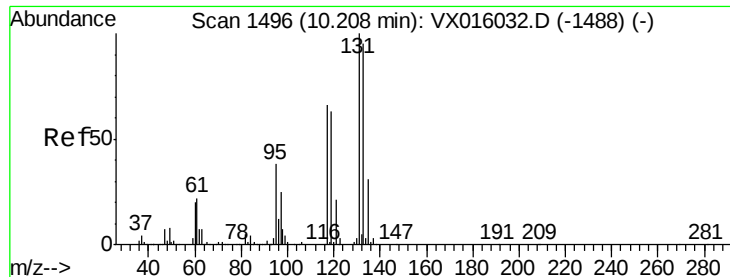
Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 51.078 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

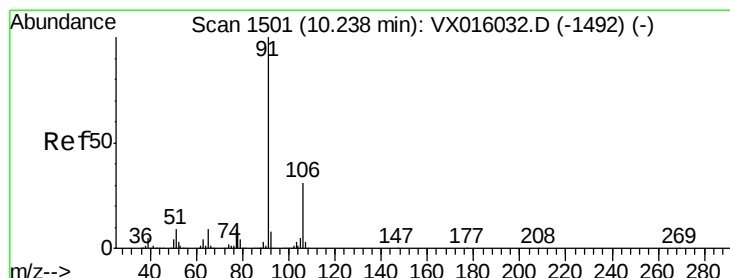
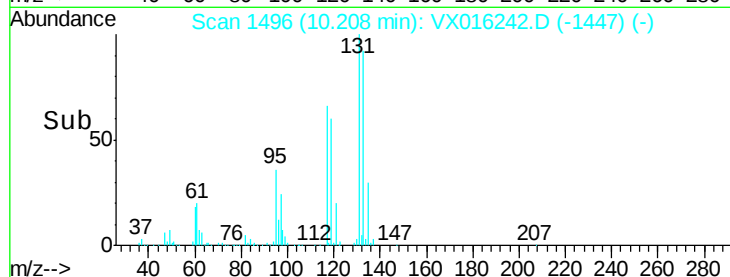
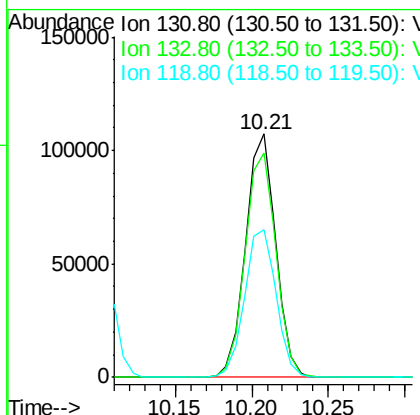
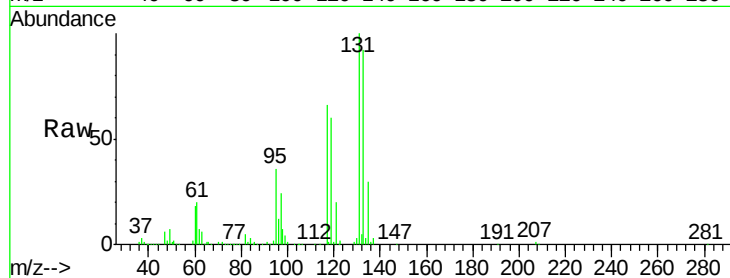
ClientSampleId :

SS052MW098-200513MSD

Tot Ion:	131	Resp:	146770
Ion Ratio	Lower	Upper	
131	100		
133	94.5	48.3	144.8
119	63.4	32.3	96.9

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#67

Ethyl Benzene

Concen: 48.423 ug/l

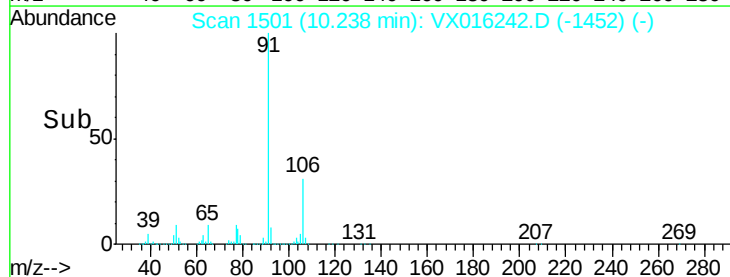
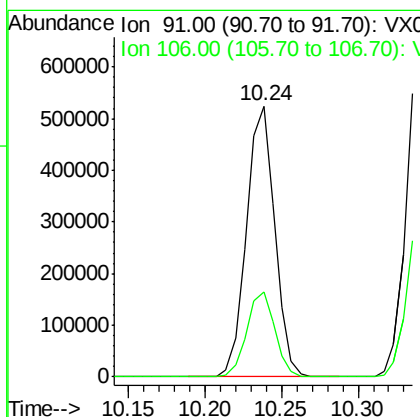
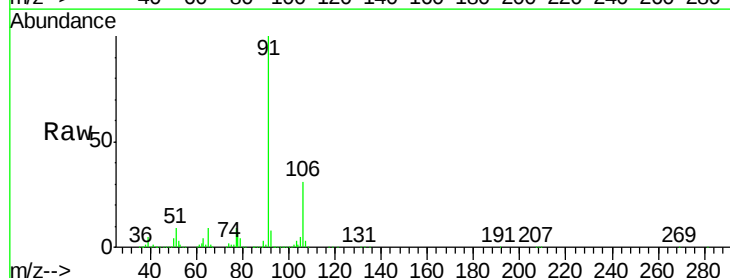
RT: 10.24 min Scan# 1501

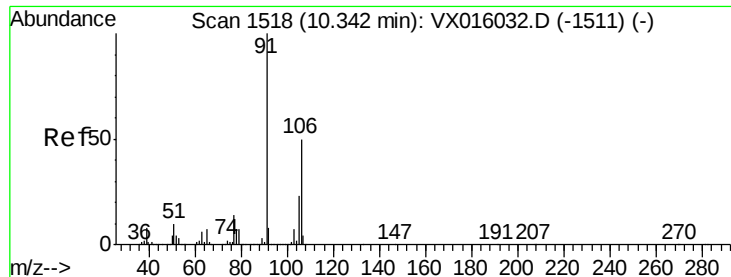
Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Tgt Ion:	91	Resp:	671685
Ion Ratio	Lower	Upper	
91	100		
106	31.4	25.1	37.7





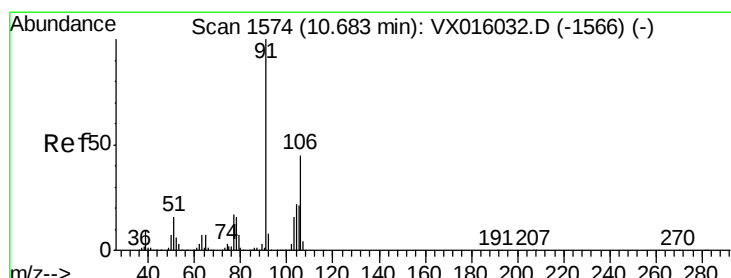
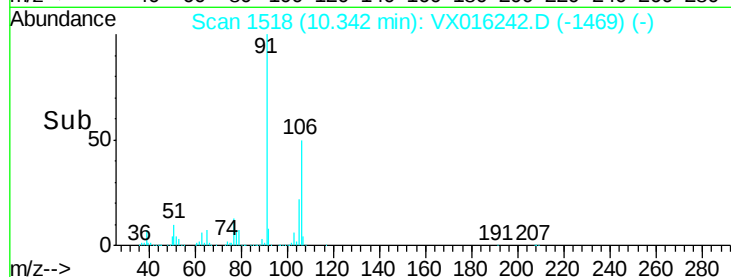
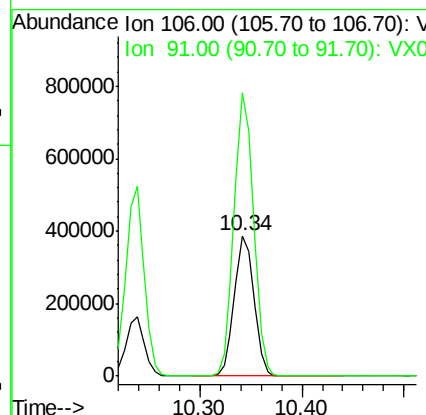
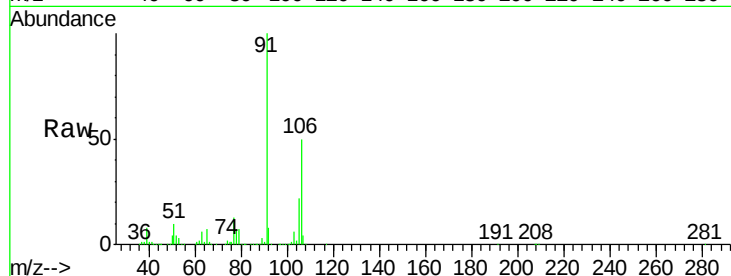
#68
m/p-Xylenes
Concen: 99.118 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		515121		
91	200.8	161.7	242.5		

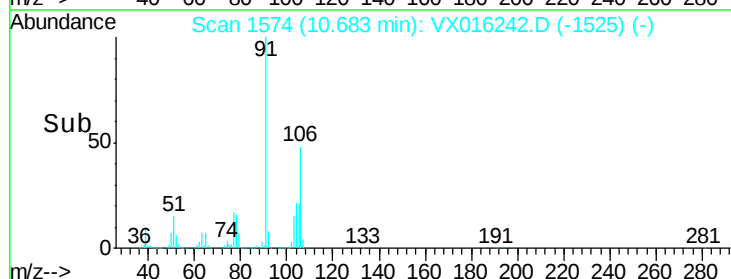
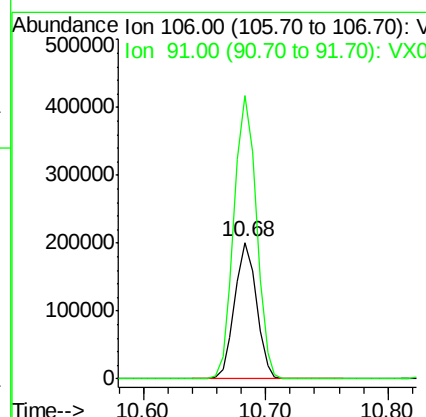
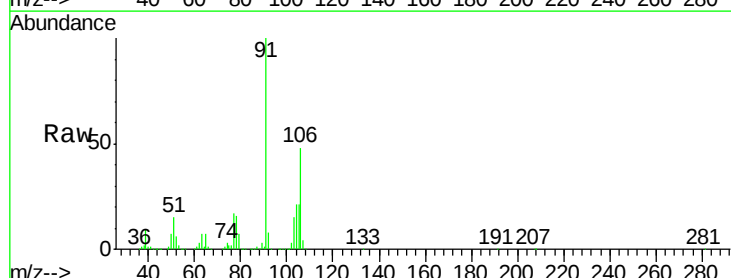
Manual Integrations
APPROVED

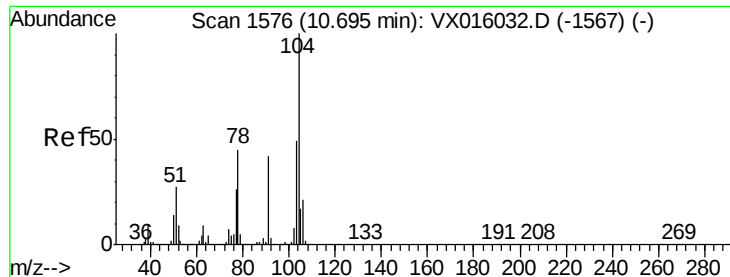
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#69
o-Xylene
Concen: 49.683 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		248197		
91	213.4	107.5	322.6		





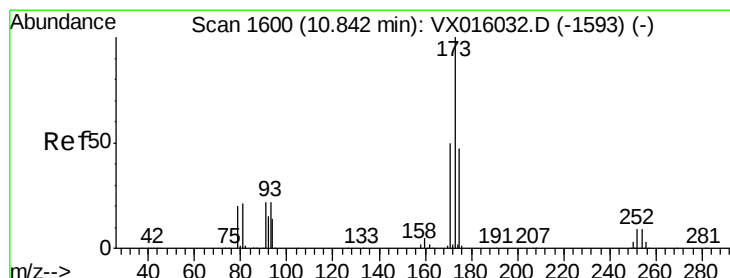
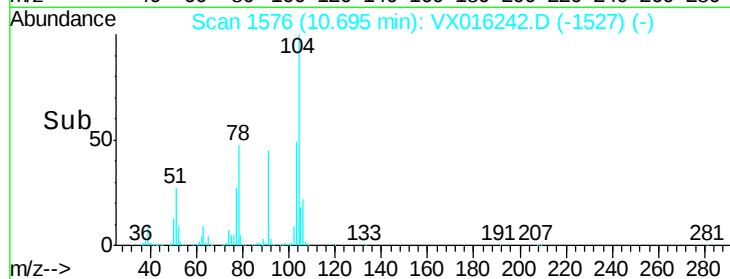
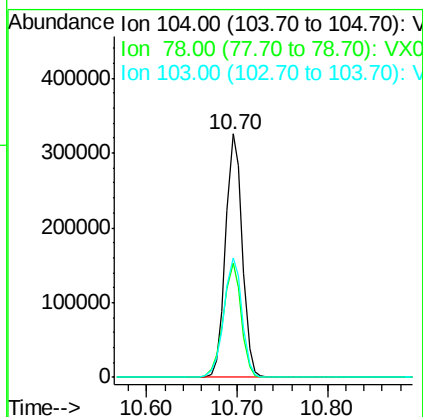
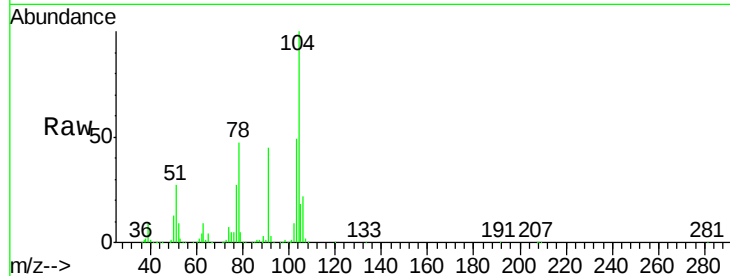
#70
Stvrene
Concen: 49.284 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	40.2	60.2
103	53.4	43.0	64.6

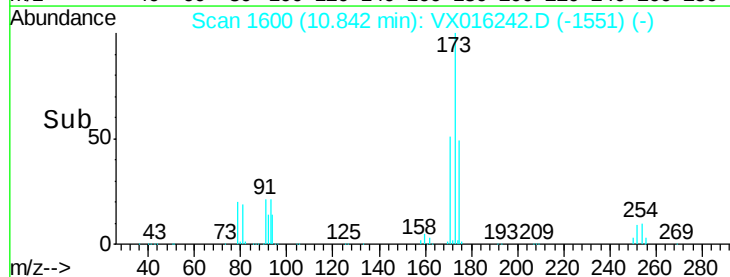
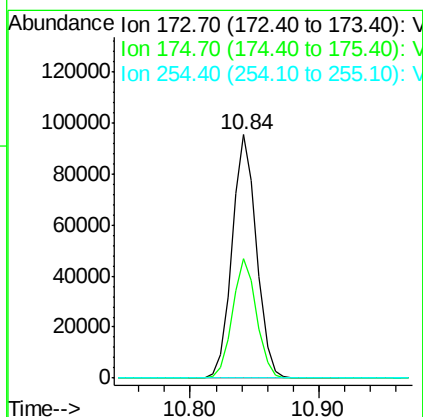
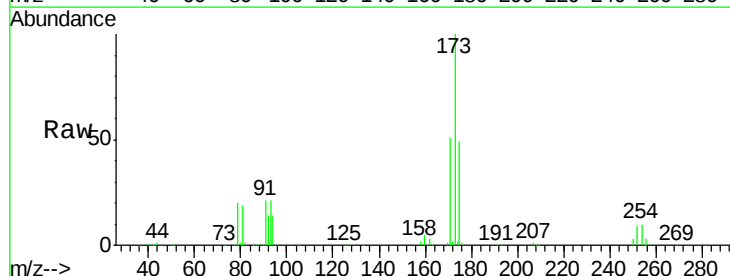
Manual Integrations
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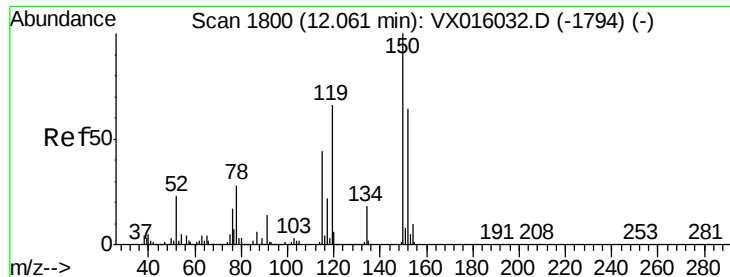
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#71
Bromoform
Concen: 53.596 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	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: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

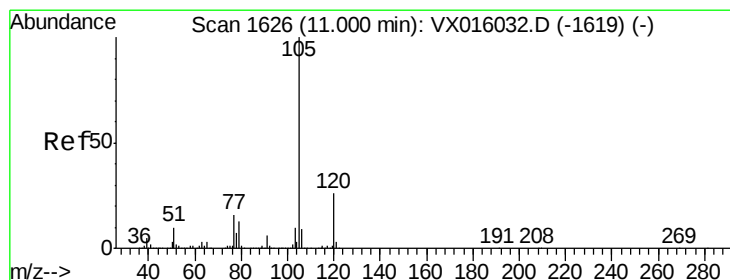
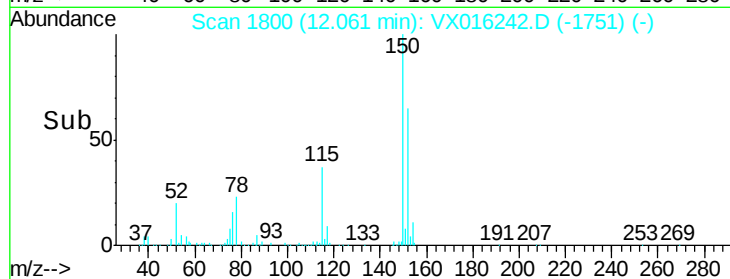
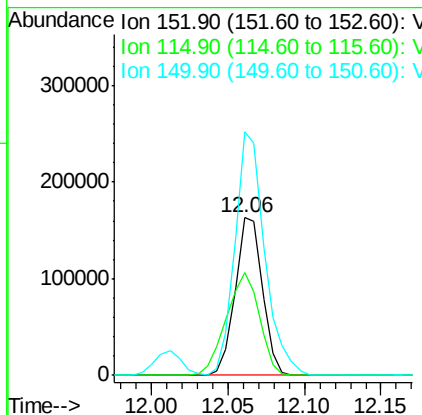
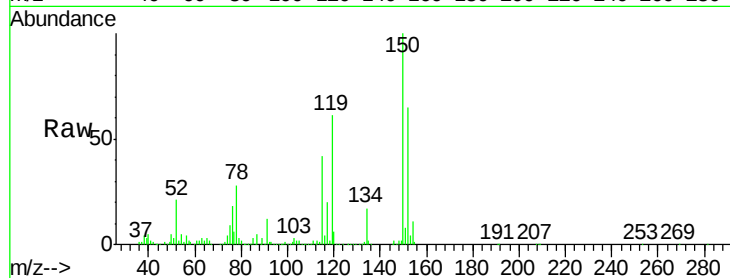
ClientSampleId :

SS052MW098-200513MSD

Tot Ion:	152	Resp:	201152
Ion Ratio	Lower	Upper	
152	100		
115	79.2	41.3	124.1
150	169.4	0.0	352.2

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#73

Isopropylbenzene

Concen: 45.265 ug/l

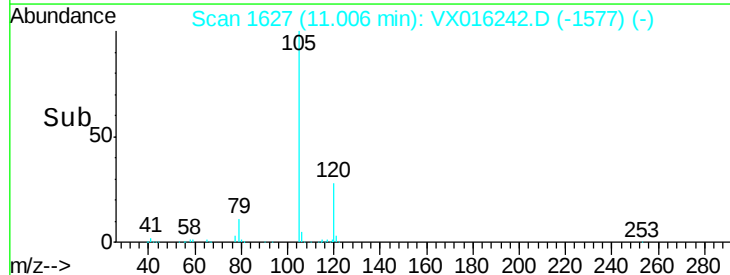
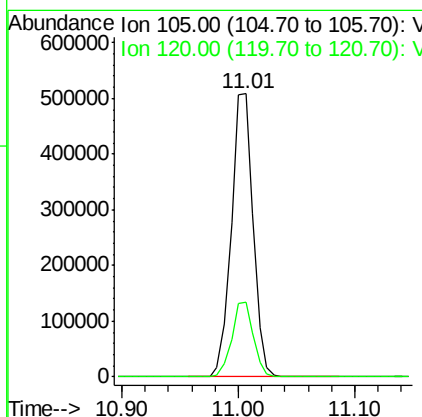
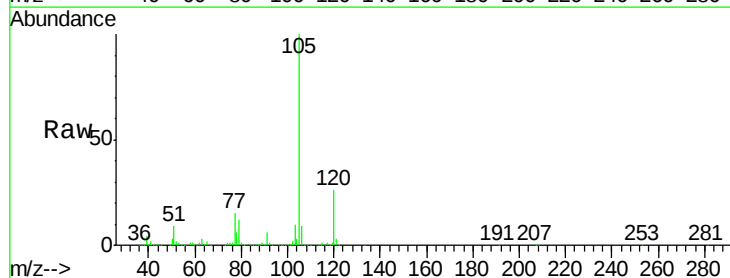
RT: 11.01 min Scan# 1627

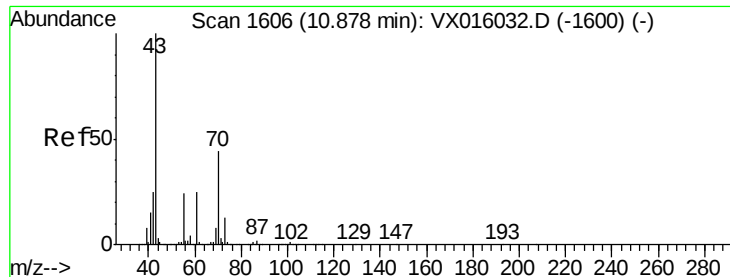
Delta R.T. 0.01 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Tgt Ion:	105	Resp:	662259
Ion Ratio	Lower	Upper	
105	100		
120	26.1	13.4	40.2





#74

N-amvl acetate

Concen: 41.742 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

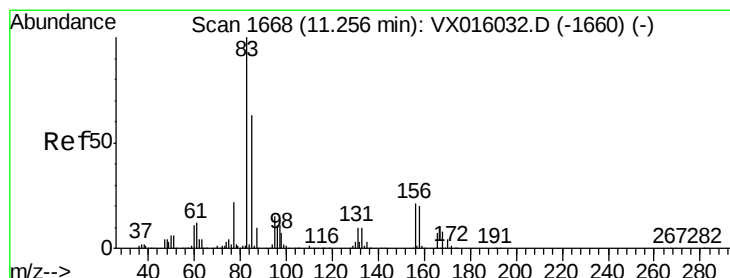
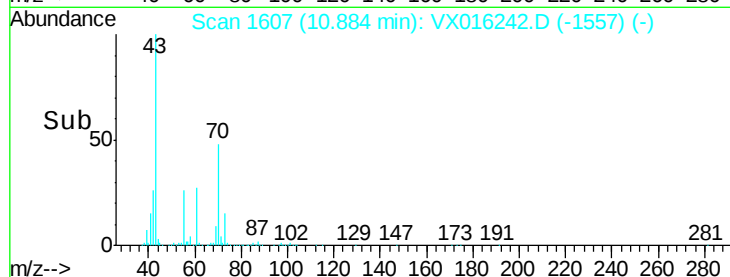
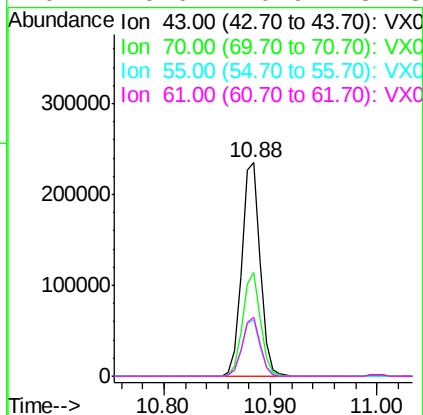
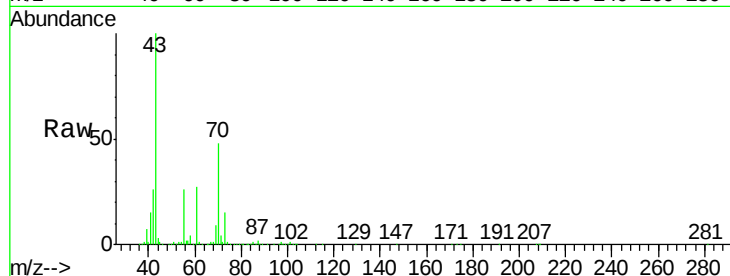
ClientSampleId :

SS052MW098-200513MSD

Tot Ion:	43	Resp:	284860
Ion Ratio	Lower	Upper	
43	100		
70	46.8	36.5	54.7
55	26.2	19.7	29.5
61	26.6	20.9	31.3

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#75

1,1,2,2-Tetrachloroethane

Concen: 59.630 ug/l

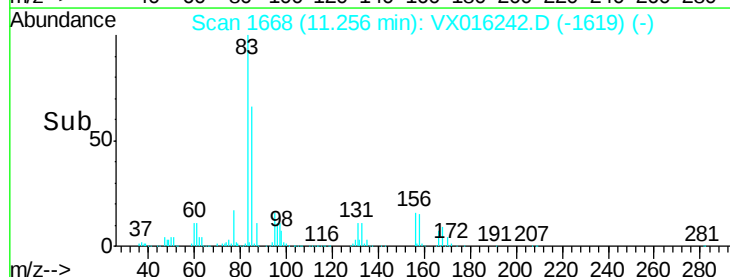
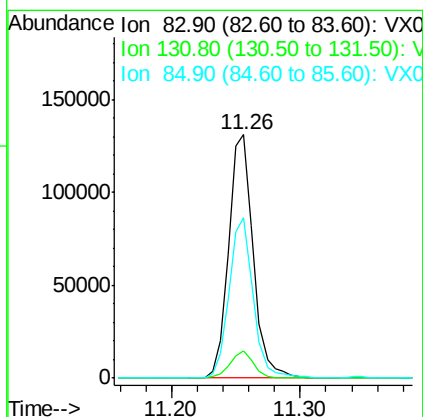
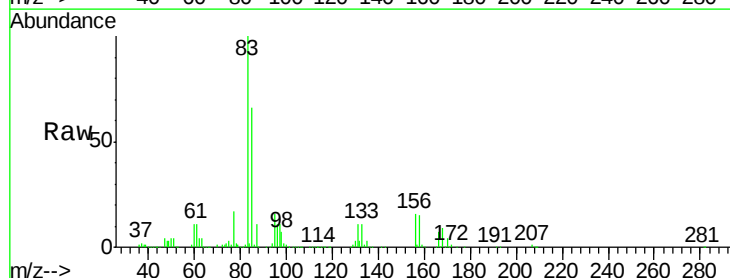
RT: 11.26 min Scan# 1668

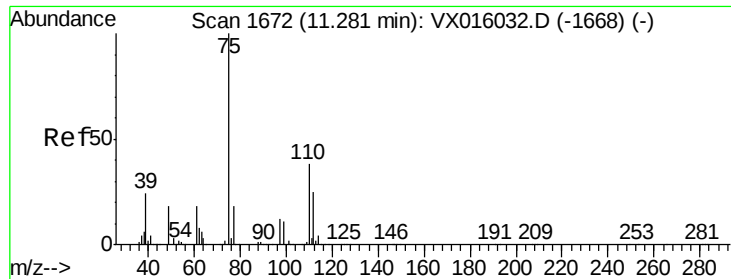
Delta R.T. 0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Tgt Ion:	83	Resp:	175570
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	64.8	32.0	96.0





#76

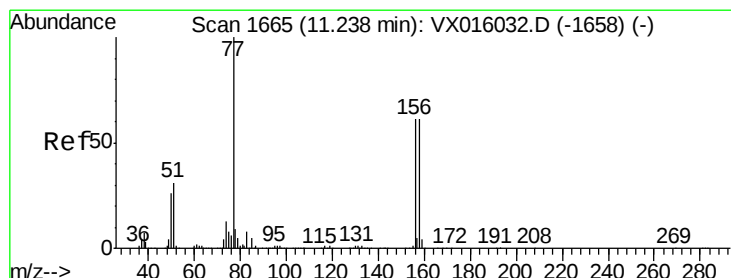
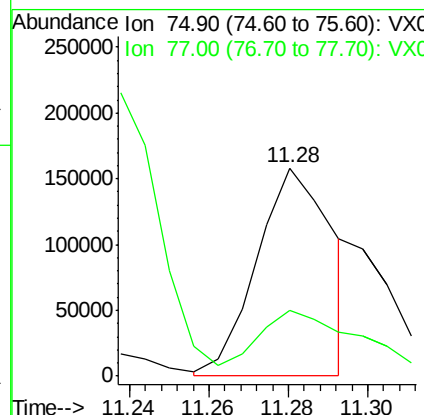
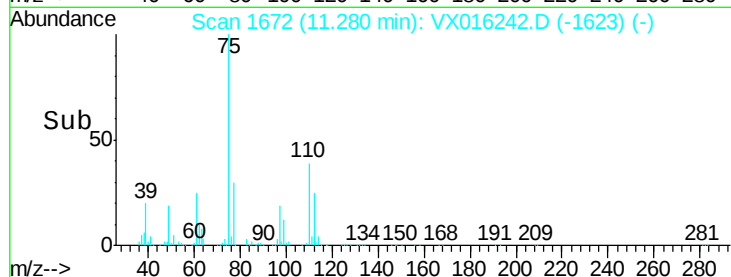
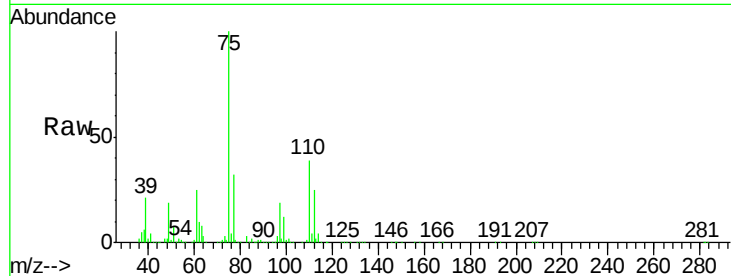
1,2,3-Trichloropropane
Concen: 46.110 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion: 75 Resp: 210472
Ion Ratio Lower Upper
75 100
77 42.8 21.2 63.6

Manual Integrations
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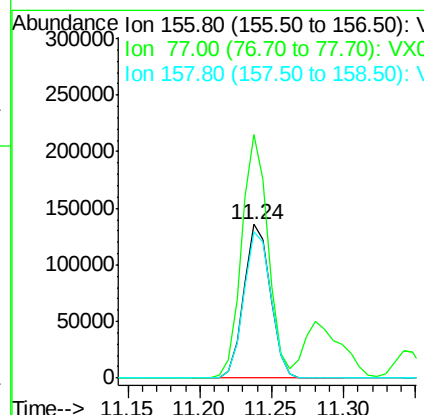
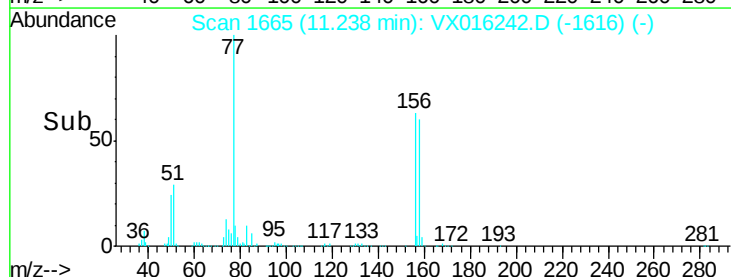
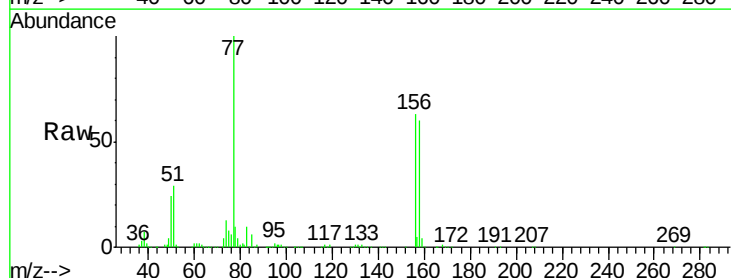
MMDadoda
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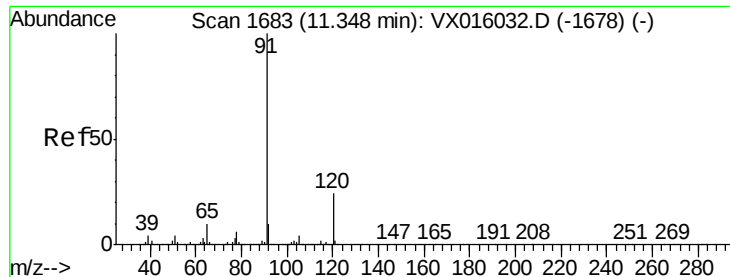


#77

Bromobenzene
Concen: 46.013 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion: 156 Resp: 173762
Ion Ratio Lower Upper
156 100
77 157.9 80.1 240.3
158 97.4 49.4 148.2





#78

n-propylbenzene

Concen: 44.613 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

Tot Ion: 91 Resp: 759341

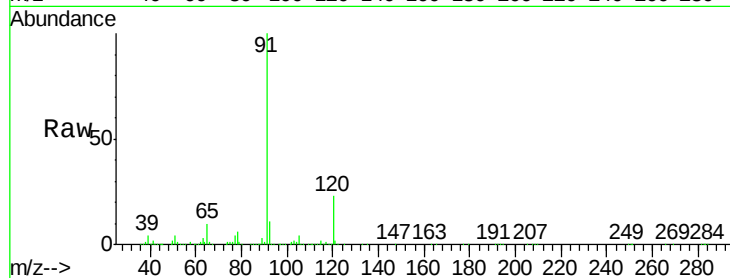
Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.5

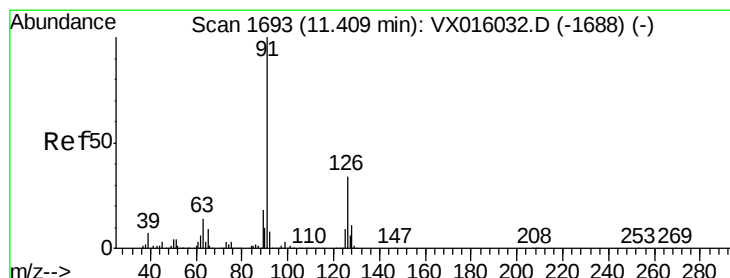
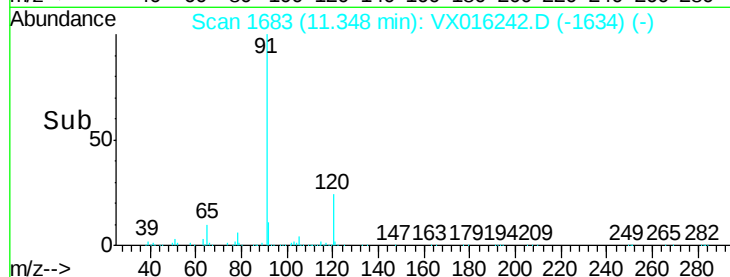
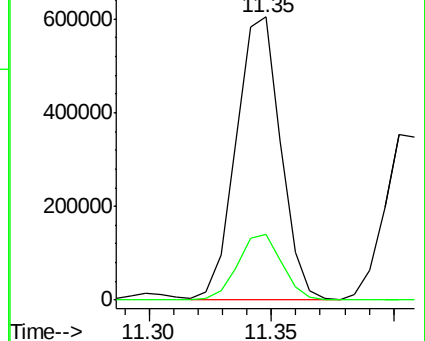
Manual Integrations
APPROVED

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 45.789 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016242.D

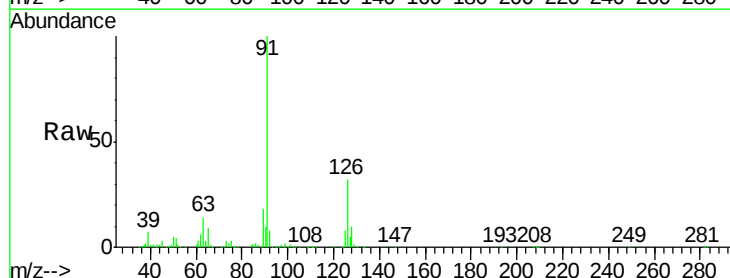
Acq: 14 May 2020 19:25

Tgt Ion: 91 Resp: 460030

Ion Ratio Lower Upper

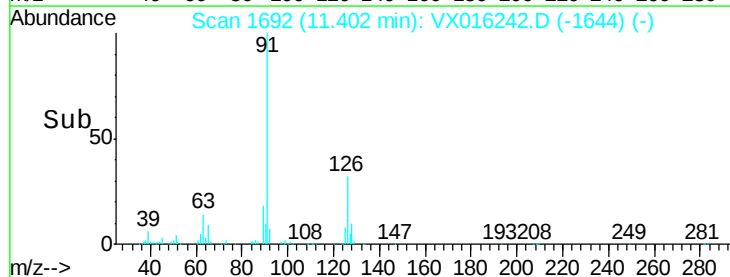
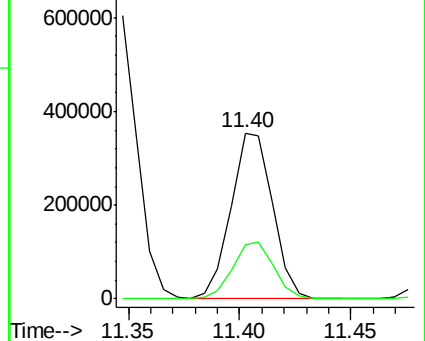
91 100

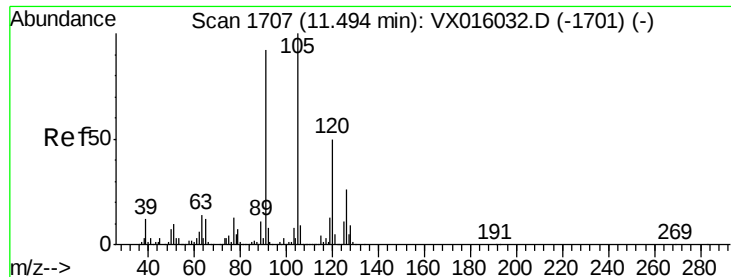
126 33.9 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





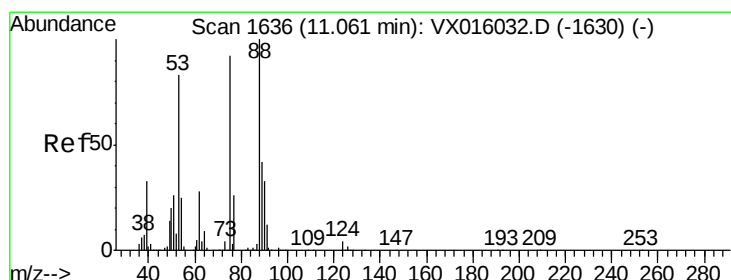
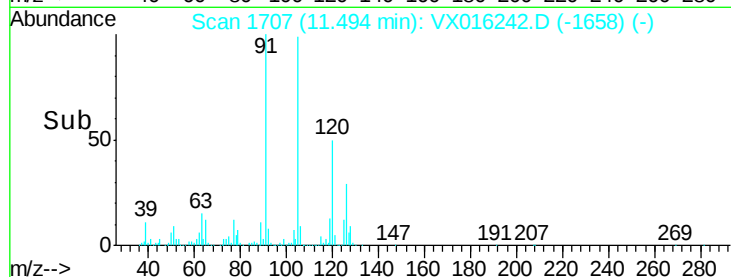
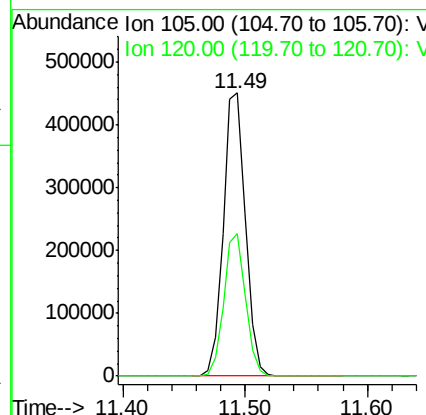
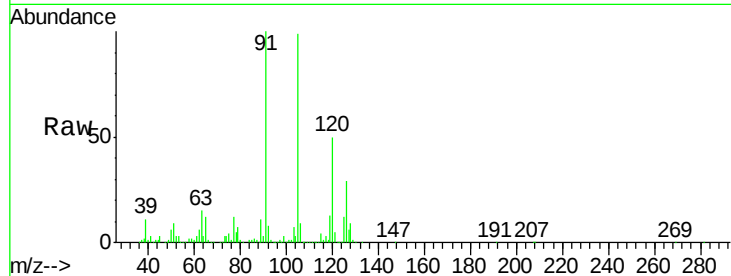
#80
 1,3,5-Trimethylbenzene
 Concen: 45.871 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

Tot Ion	Ratio	Resp	Lower	Upper
105	100	566651		
120	49.4	24.6	74.0	

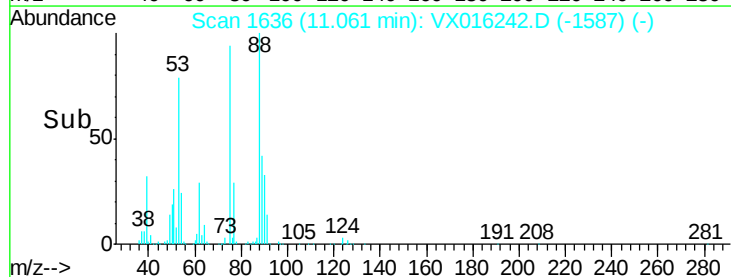
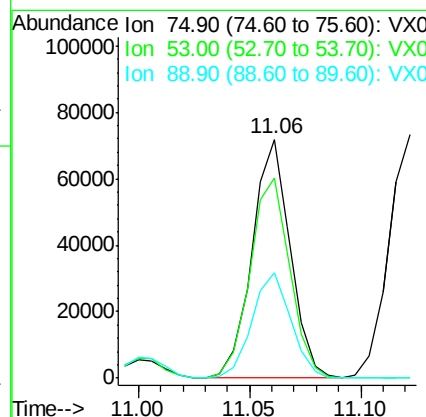
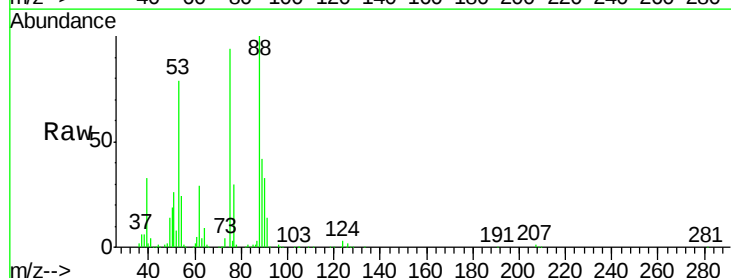
Manual Integrations
 APPROVED

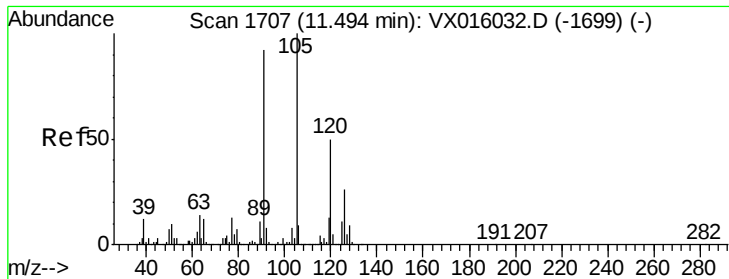
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.463 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	85166		
53	87.8	73.1	109.7	
89	45.5	36.7	55.1	





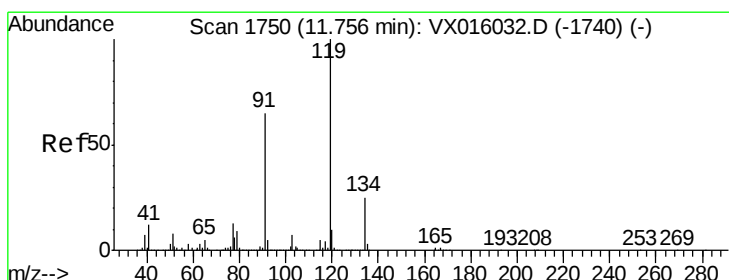
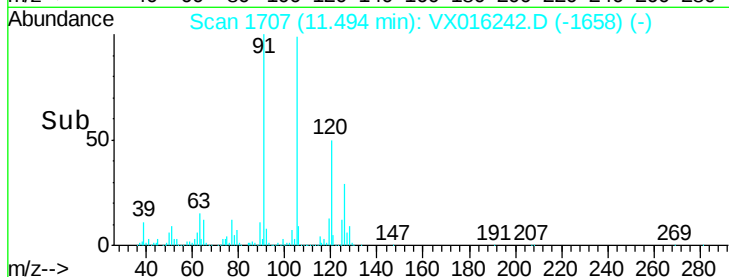
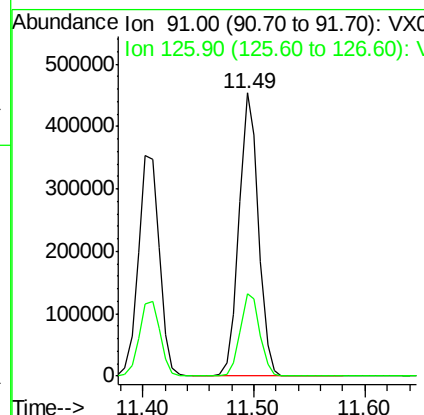
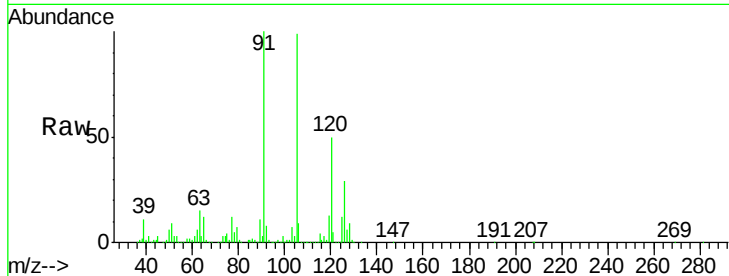
#82
4-Chlorotoluene
Concen: 45.930 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	544909		
126	29.6	14.8	44.3	

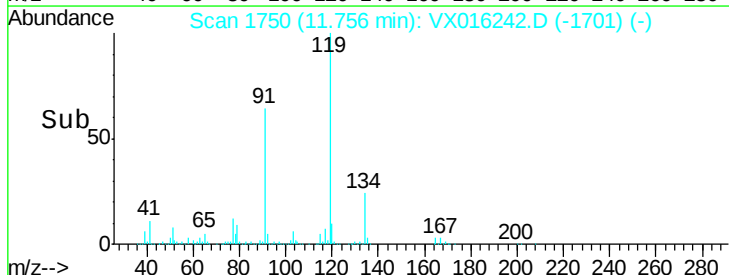
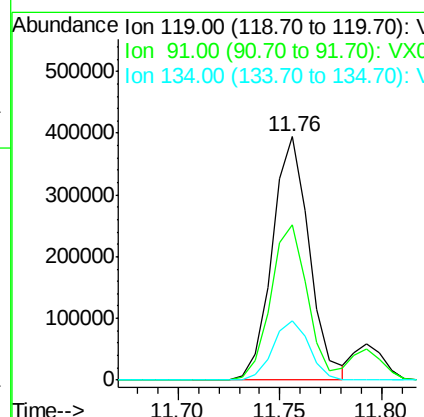
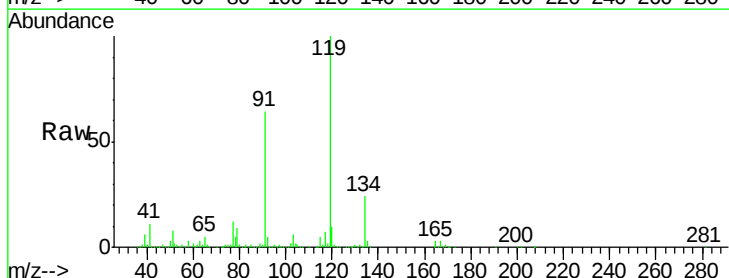
Manual Integrations
APPROVED

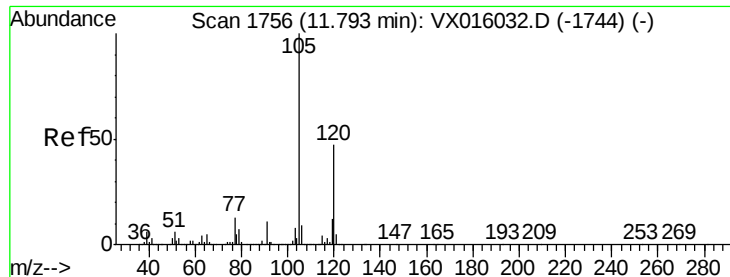
MMDadoda
5/15/2020 12:29:12 PM



#83
tert-Butylbenzene
Concen: 46.877 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	499049		
91	62.8	32.8	98.4	
134	24.0	12.4	37.0	





#84

1,2,4-Trimethylbenzene

Concen: 46.107 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

Tot Ion:105 Resp: 575830

Ion Ratio Lower Upper

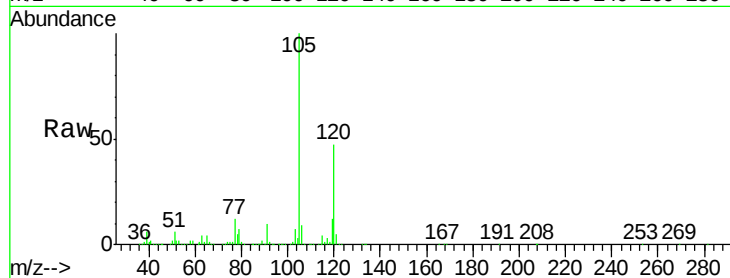
105 100

120 45.9 23.0 69.0

Manual Integrations
APPROVED

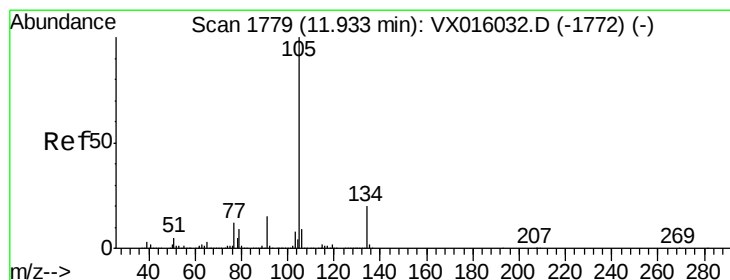
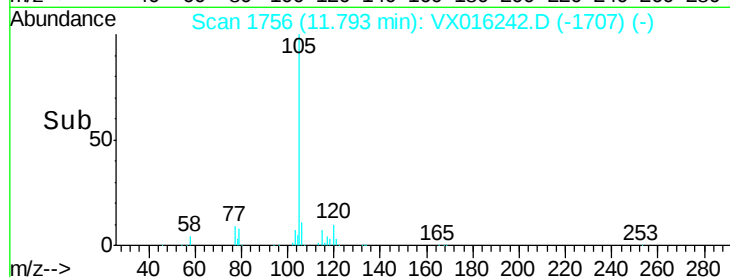
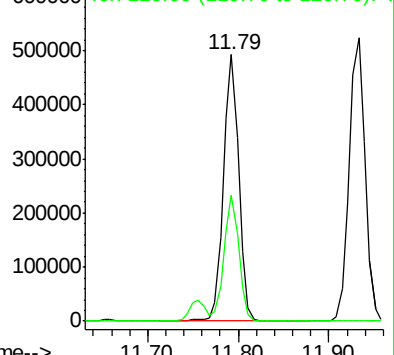
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 44.198 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016242.D

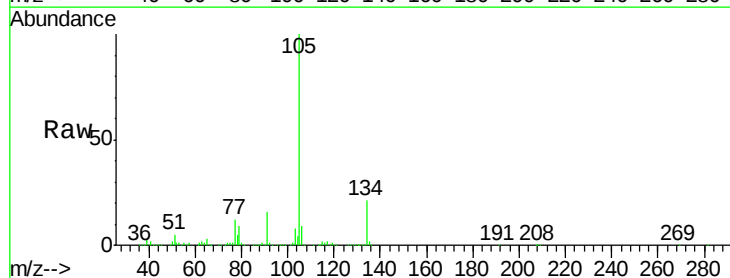
Acq: 14 May 2020 19:25

Tgt Ion:105 Resp: 635290

Ion Ratio Lower Upper

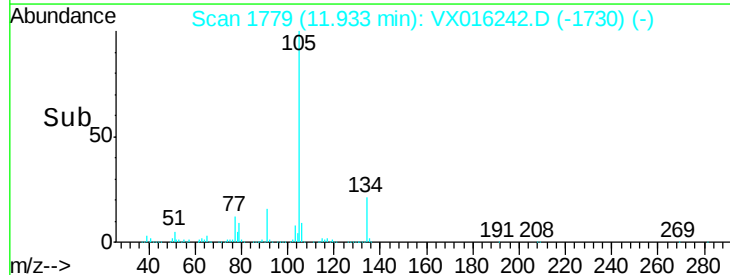
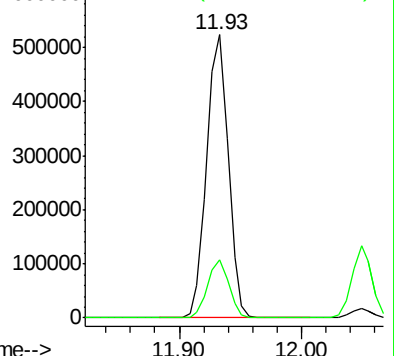
105 100

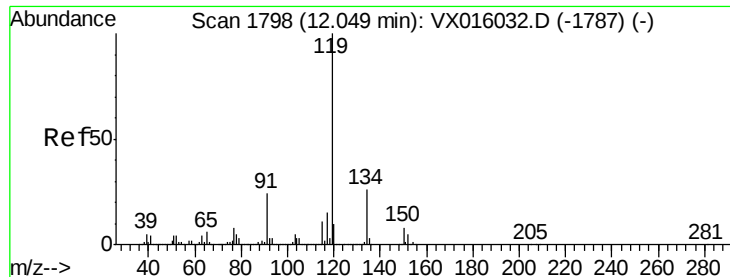
134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





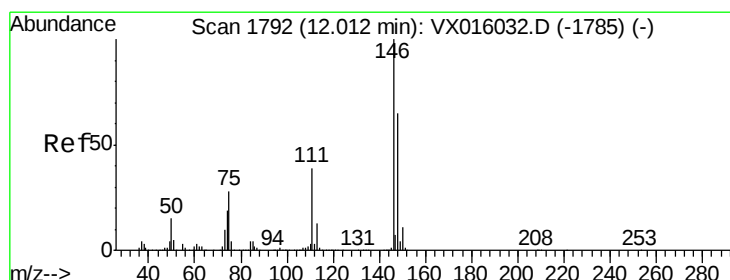
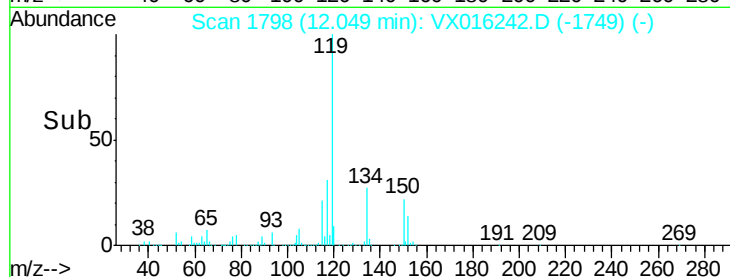
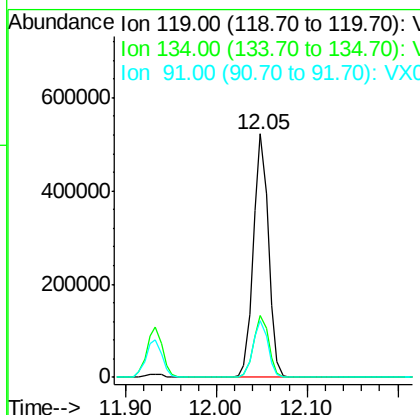
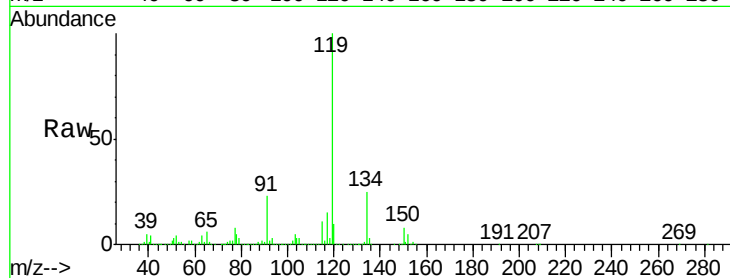
#86
 p-Isopropyltoluene
 Concen: 44.836 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	598346		
134	25.7		13.1	39.3
91	23.1		11.8	35.4

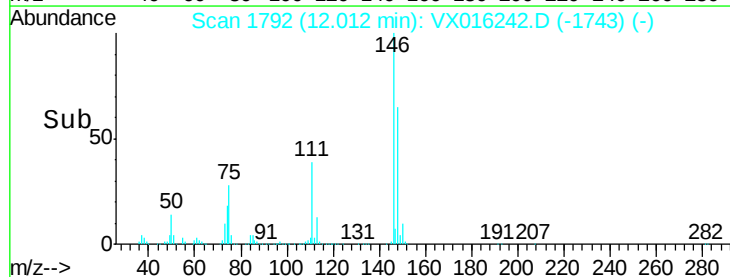
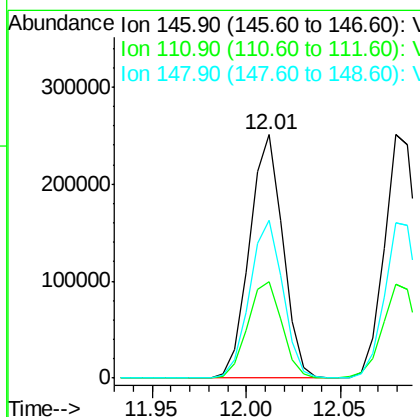
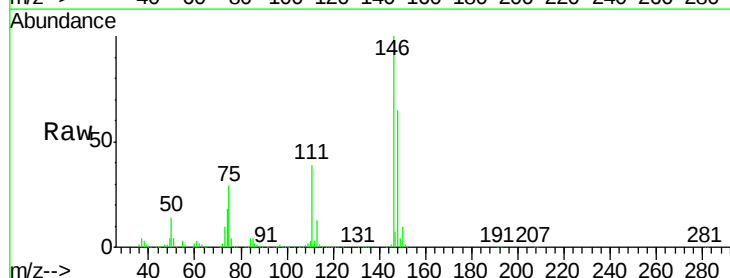
Manual Integrations
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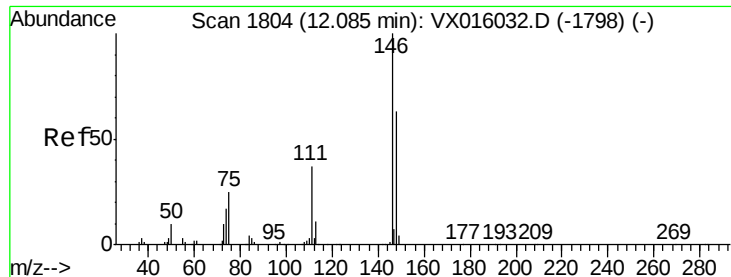
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#87
 1,3-Dichlorobenzene
 Concen: 45.371 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	307649		
111	40.7		20.2	60.6
148	64.7		32.1	96.3





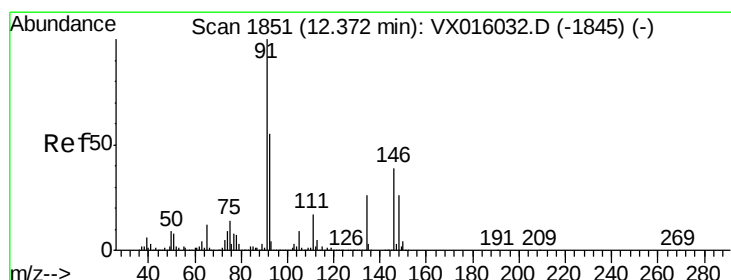
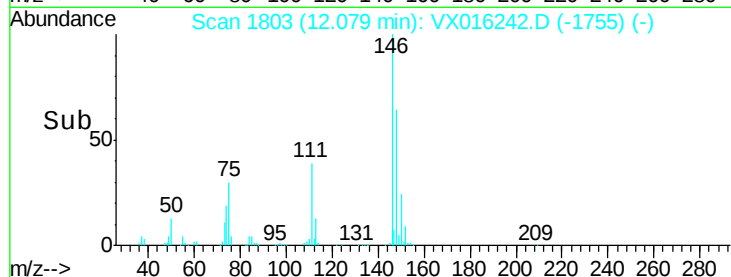
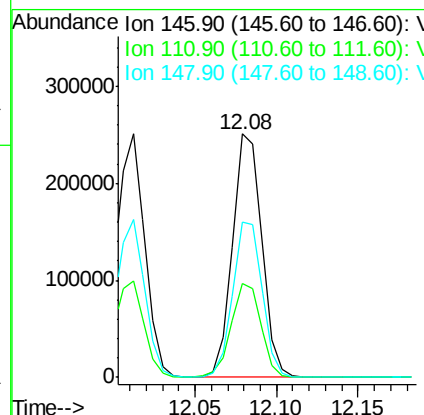
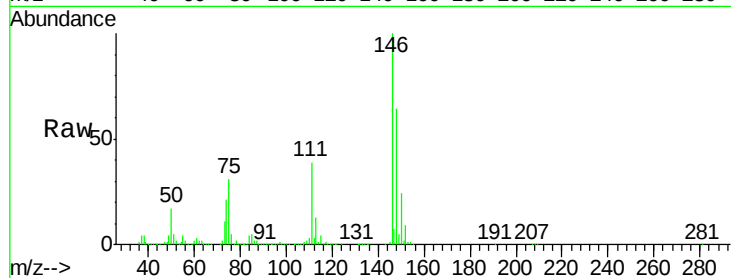
#88
 1,4-Dichlorobenzene
 Concen: 45.321 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.7
148	64.5	31.8	95.3

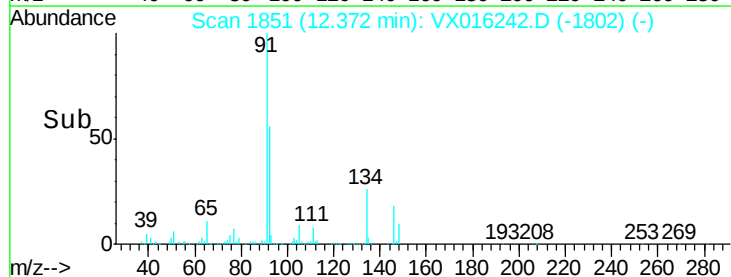
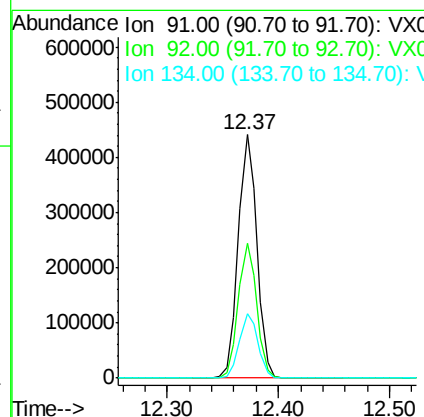
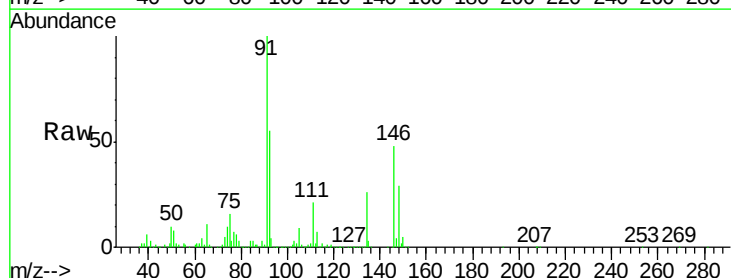
Manual Integrations
 APPROVED

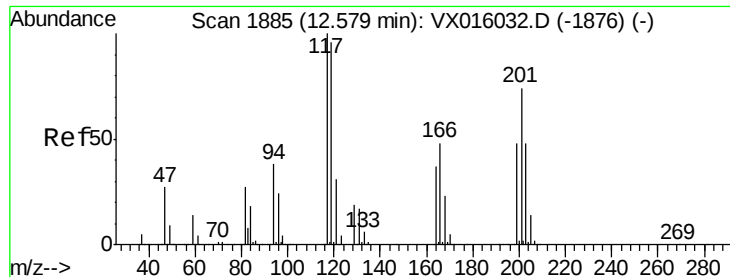
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 5/15/2020 12:29:12 PM



#89
 n-Butylbenzene
 Concen: 41.908 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.6	82.7
134	26.5	13.4	40.1





#90

Hexachloroethane

Concen: 46.325 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

Tot Ion:117 Resp: 106175

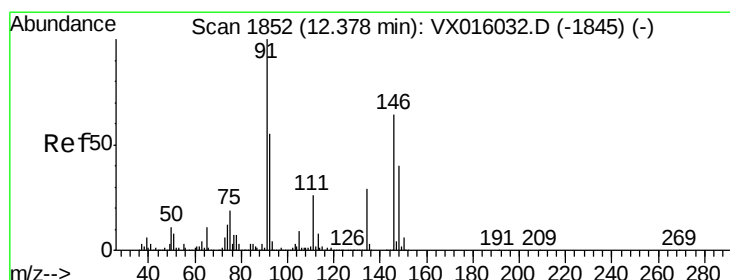
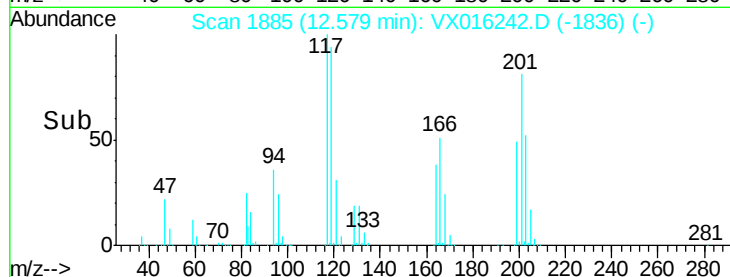
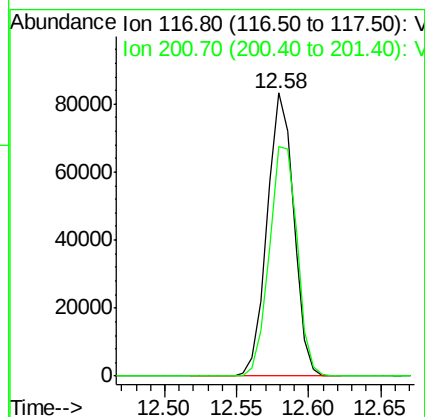
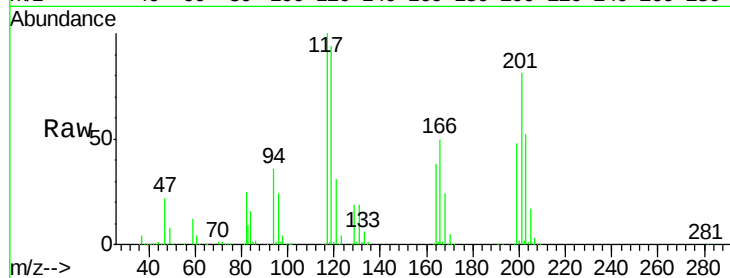
Ion Ratio Lower Upper

117 100

201 85.2 39.8 119.3

Manual Integrations
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#91

1,2-Dichlorobenzene

Concen: 45.974 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

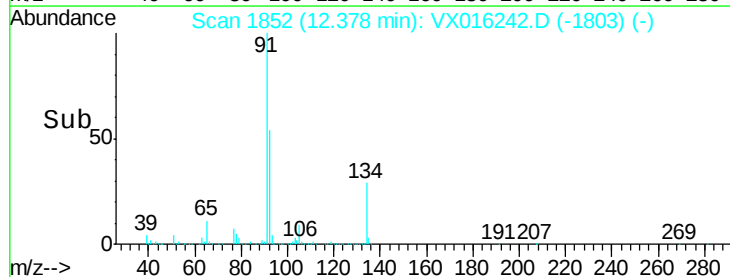
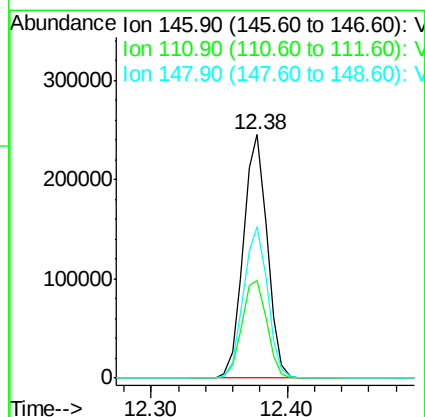
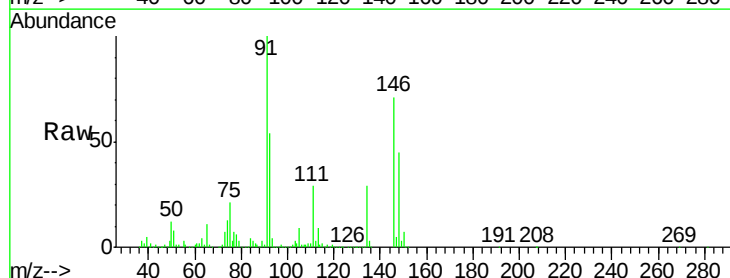
Tgt Ion:146 Resp: 300172

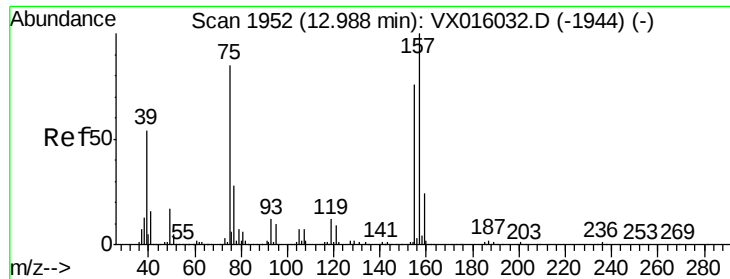
Ion Ratio Lower Upper

146 100

111 41.9 21.1 63.1

148 62.8 32.4 97.0





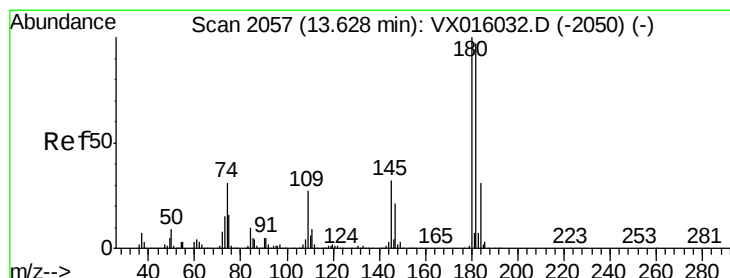
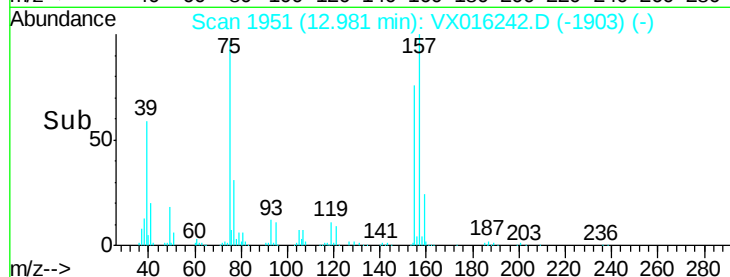
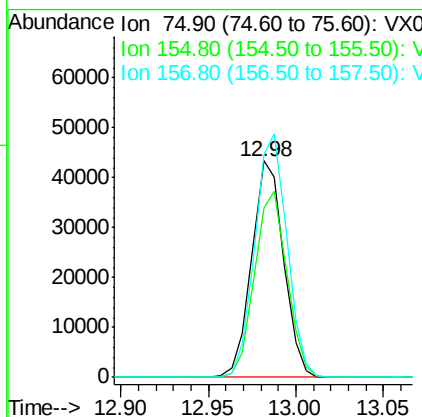
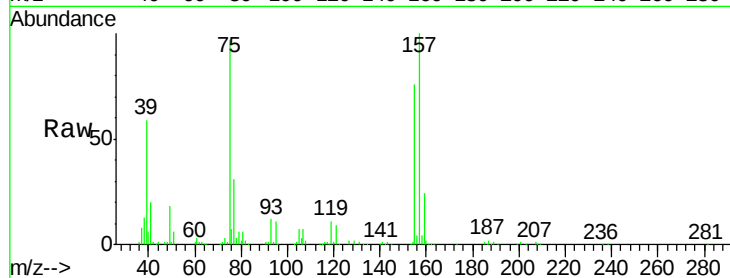
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.807 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	86.9	42.5	127.5
157	113.1	55.3	165.8

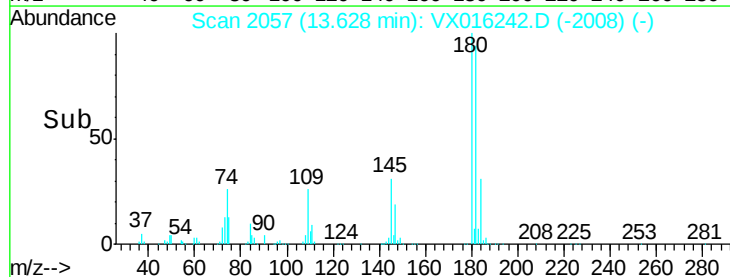
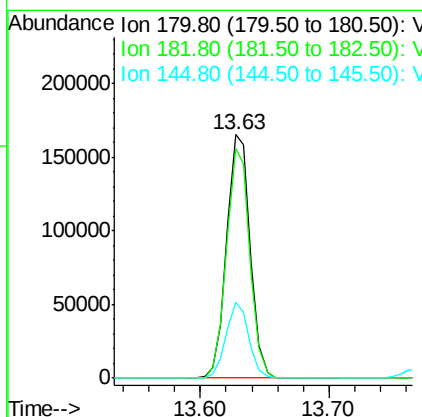
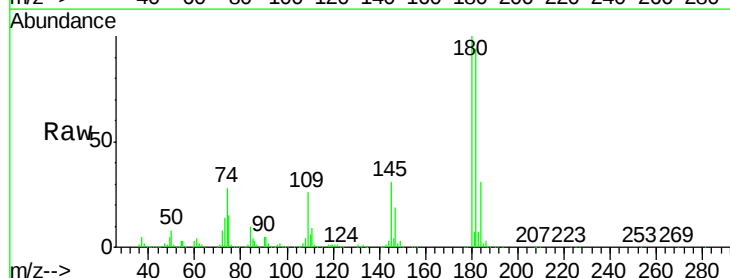
Manual Integrations
 APPROVED

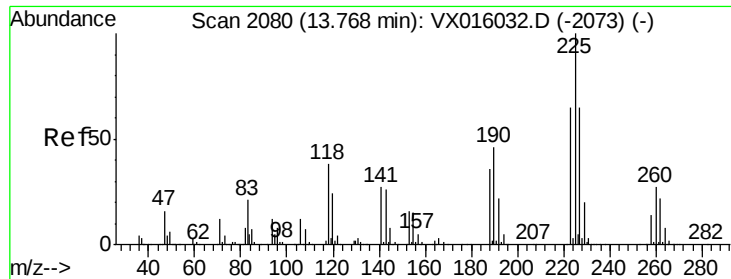
MMDadoda
 5/15/2020 12:29:12 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 43.973 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.7	146.1
145	30.2	15.7	47.1





#94

Hexachlorobutadiene

Concen: 38.239 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

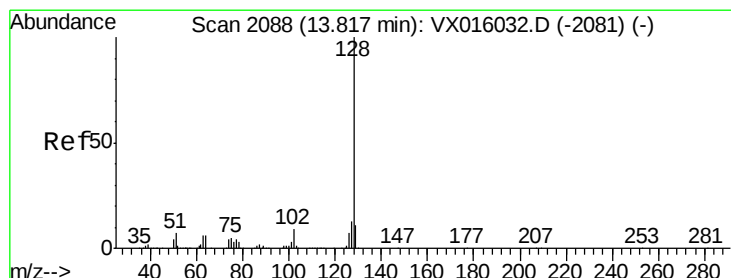
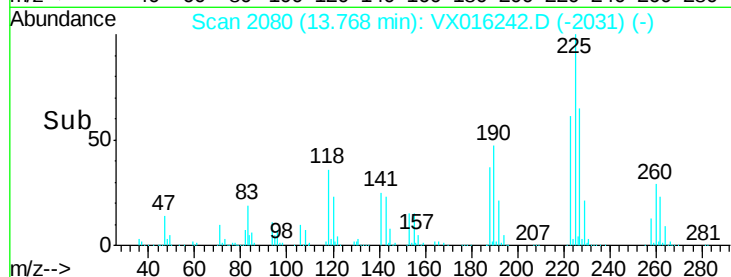
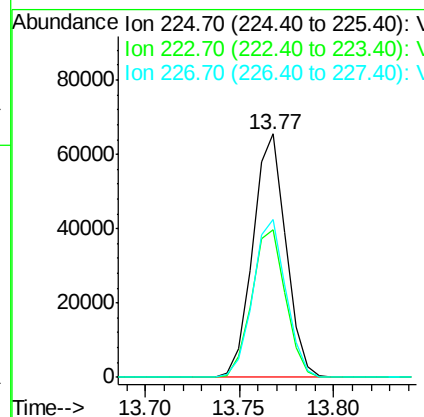
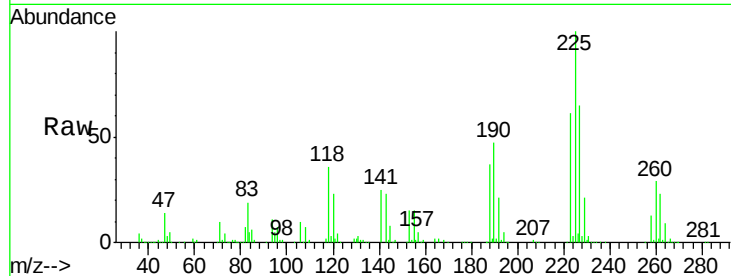
ClientSampleId :

SS052MW098-200513MSD

Tot Ion:	225	Resp:	79334
Ion Ratio	Lower	Upper	
225	100		
223	61.9	32.3	96.9
227	65.1	31.8	95.4

Manual Integrations
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#95

Naphthalene

Concen: 46.419 ug/l

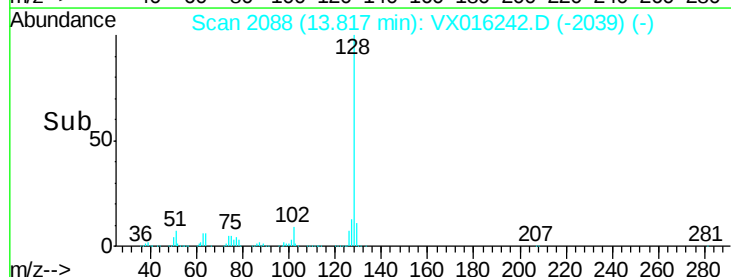
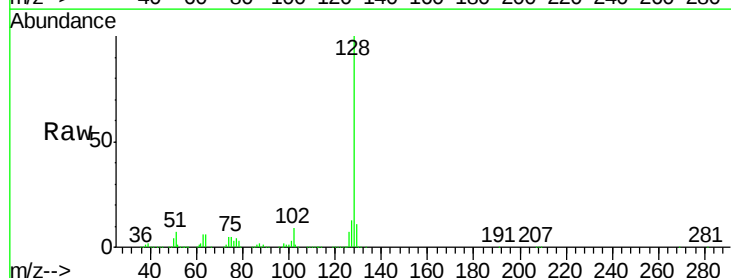
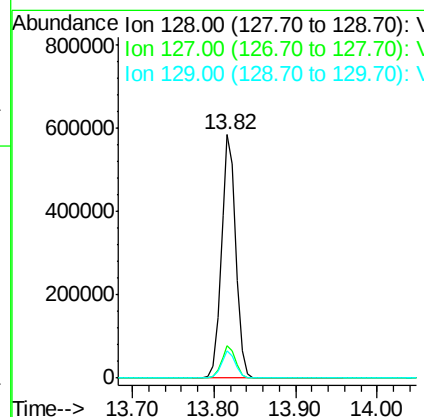
RT: 13.82 min Scan# 2088

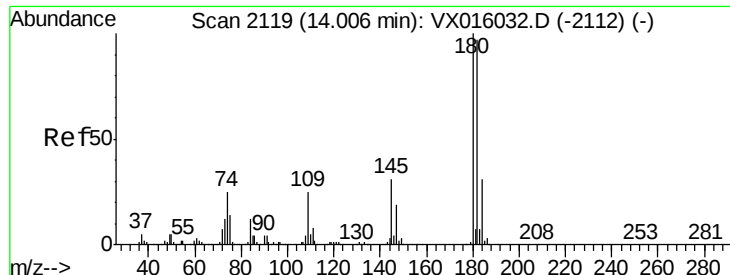
Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Tgt Ion:	128	Resp:	726562
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.9	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 44.402 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	94.1	48.4	145.0
145	32.1	16.4	49.1

Manual Integrations
 APPROVED

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

