

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
 Data File : VX017489.D
 Acq On : 23 Jul 2020 14:01
 Operator : JC/SP
 Sample : VX0723WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 9:56:23 AM

Quant Time: Jul 24 06:16:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	646156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	976045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	890442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	476571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	426937	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
35) Dibromofluoromethane	5.46	113	329411	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	8.70	98	1130038	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.12	95	475929	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	135448	22.024	ug/l	97
3) Chloromethane	1.31	50	159639	20.207	ug/l	98
4) Vinyl Chloride	1.39	62	157146	19.327	ug/l	99
5) Bromomethane	1.63	94	106260	22.648	ug/l	98
6) Chloroethane	1.72	64	88810	19.339	ug/l	99
7) Trichlorofluoromethane	1.92	101	236284	18.475	ug/l	99
8) Diethyl Ether	2.17	74	80123	18.465	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	127286	18.136	ug/l	98
10) Methyl Iodide	2.49	142	142683	15.891	ug/l	100
11) Tert butyl alcohol	3.01	59	168040	96.060	ug/l	99
12) 1,1-Dichloroethene	2.36	96	123443	18.496	ug/l	91
13) Acrolein	2.27	56	109278	84.611	ug/l	98
14) Allyl chloride	2.71	41	240634	19.746	ug/l	99
15) Acrylonitrile	3.11	53	366003	96.869	ug/l	99
16) Acetone	2.42	43	335572	91.857	ug/l	100
17) Carbon Disulfide	2.55	76	390298	19.240	ug/l	99
18) Methyl Acetate	2.75	43	167126	19.425	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	447291	19.363	ug/l	98
20) Methylene Chloride	2.83	84	145170	20.338	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	141587	19.803	ug/l	98
22) Diisopropyl ether	3.82	45	467692	20.989	ug/l	96
23) Vinyl Acetate	3.78	43	2069435	104.159	ug/l	99
24) 1,1-Dichloroethane	3.67	63	256661	19.995	ug/l	98
25) 2-Butanone	4.63	43	526031	101.360	ug/l	94
26) 2,2-Dichloropropane	4.54	77	236165	20.554	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	155772	20.059	ug/l	98
28) Bromochloromethane	4.98	49	113673	19.542	ug/l	96
29) Tetrahydrofuran	5.09	42	339314	105.552	ug/l	98
30) Chloroform	5.18	83	247792	18.893	ug/l	97
31) Cyclohexane	5.55	56	202254	19.759	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	233916	18.913	ug/l	98
36) 1,1-Dichloropropene	5.76	75	181134	19.350	ug/l	99
37) Ethyl Acetate	4.79	43	210479	20.550	ug/l	99
38) Carbon Tetrachloride	5.75	117	213600	18.790	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	218842	20.026	ug/l	97
40) Benzene	6.11	78	494757	18.435	ug/l	100
41) Methacrylonitrile	5.00	41	114778	19.550	ug/l	98
42) 1,2-Dichloroethane	6.16	62	206491	18.807	ug/l	98
43) Isopropyl Acetate	6.41	43	307386	18.189	ug/l	100
44) Trichloroethene	7.18	130	149480	19.059	ug/l	97
45) 1,2-Dichloropropane	7.49	63	128869	17.321	ug/l	98
46) Dibromomethane	7.63	93	91874	17.474	ug/l	99
47) Bromodichloromethane	7.88	83	190083	17.967	ug/l	96
48) Methyl methacrylate	7.74	41	148130	17.683	ug/l	98
49) 1,4-Dioxane	7.71	88	66559	414.423	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	896757	88.935	ug/l	99
52) Toluene	8.76	92	307922	17.890	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	209816	17.717	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	219263	18.151	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	130373	18.183	ug/l	97
56) Ethyl methacrylate	9.16	69	197552	18.288	ug/l	99
57) 1,3-Dichloropropane	9.35	76	216342	18.324	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	458910	80.637	ug/l	100
59) 2-Hexanone	9.47	43	706097	93.010	ug/l	97
60) Dibromochloromethane	9.57	129	160218	17.581	ug/l	99
61) 1,2-Dibromoethane	9.65	107	142270	18.638	ug/l	97
64) Tetrachloroethene	9.32	164	149199	18.669	ug/l	96
65) Chlorobenzene	10.12	112	354467	18.391	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	145098	18.653	ug/l	98
67) Ethyl Benzene	10.23	91	599547	18.635	ug/l	98
68) m/p-Xylenes	10.34	106	460125	36.917	ug/l	97
69) o-Xylene	10.68	106	223797	18.669	ug/l	99
70) Styrene	10.70	104	381459	18.703	ug/l	99
71) Bromoform	10.84	173	123104	18.267	ug/l	100
73) Isopropylbenzene	11.00	105	623227	19.063	ug/l	100
74) N-amyl acetate	10.88	43	274934	18.927	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	178855	17.527	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	180145m	18.376	ug/l	
77) Bromobenzene	11.24	156	167333	18.282	ug/l	98
78) n-propylbenzene	11.34	91	706635	19.164	ug/l	100
79) 2-Chlorotoluene	11.41	91	423430	18.538	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	574223	20.571	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	68795	17.683	ug/l	96
82) 4-Chlorotoluene	11.49	91	530302	19.682	ug/l	100
83) tert-Butylbenzene	11.76	119	518037	19.395	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	545694	19.655	ug/l	99
85) sec-Butylbenzene	11.93	105	605397	19.457	ug/l	100
86) p-Isopropyltoluene	12.05	119	566173	19.108	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	302493	19.246	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	297400	18.268	ug/l	99
89) n-Butylbenzene	12.37	91	511721	19.381	ug/l	99
90) Hexachloroethane	12.58	117	103987	17.801	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	284978	18.448	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45130	17.409	ug/l	98

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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
VX0723WBS01

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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	203802	19.331	ug/l	99
94) Hexachlorobutadiene	13.76	225	90423	18.632	ug/l	96
95) Naphthalene	13.82	128	585871	18.616	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	207609	19.944	ug/l	98

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

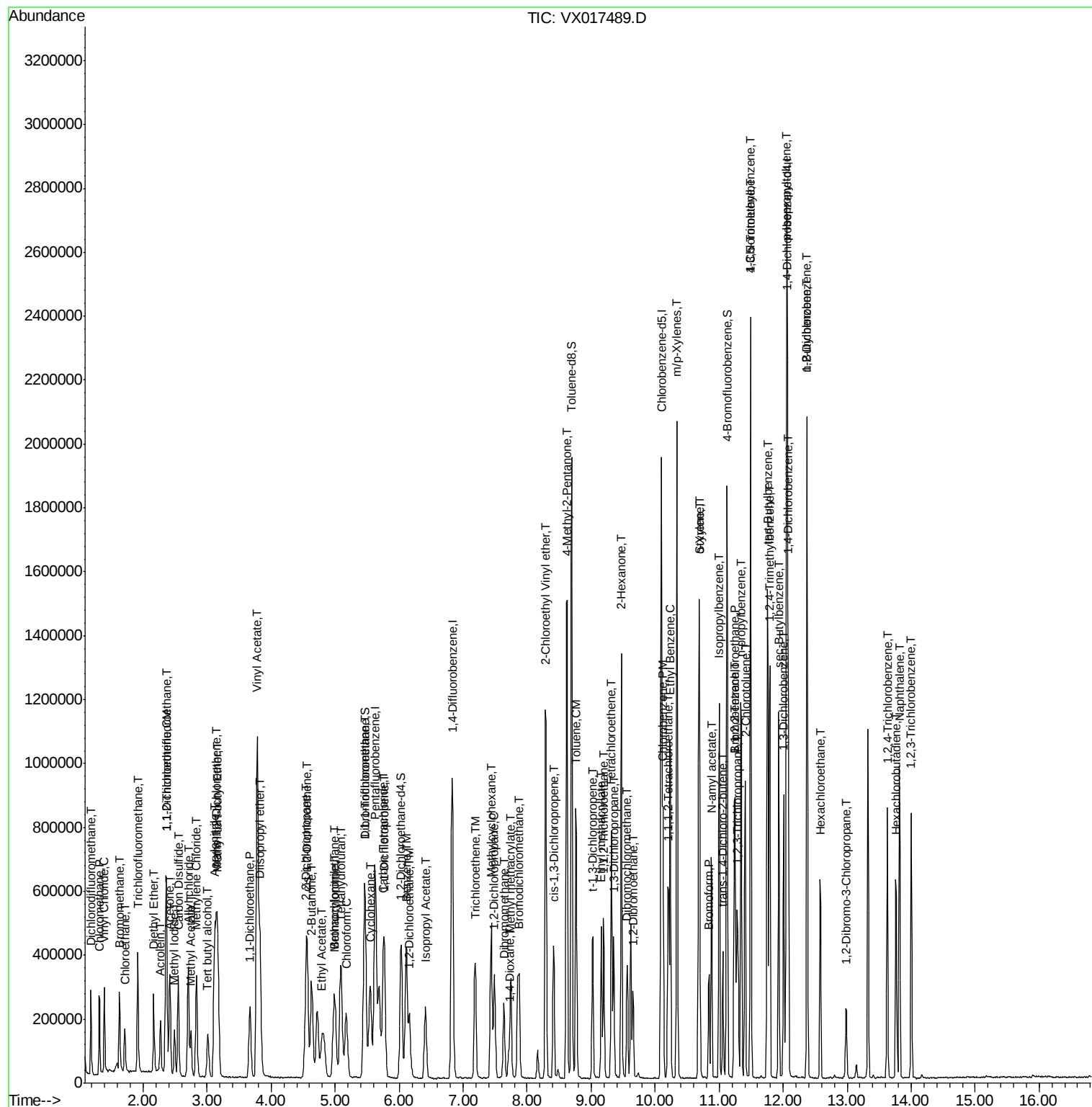
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Data File : VX017489.D
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Operator : JC/SP
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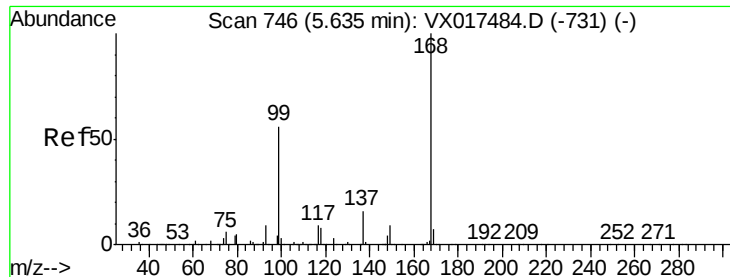
Instrument :
MSVOA_X
ClientSampleID :
VX0723WBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion:168 Resp: 646156

Ion Ratio Lower Upper

168 100

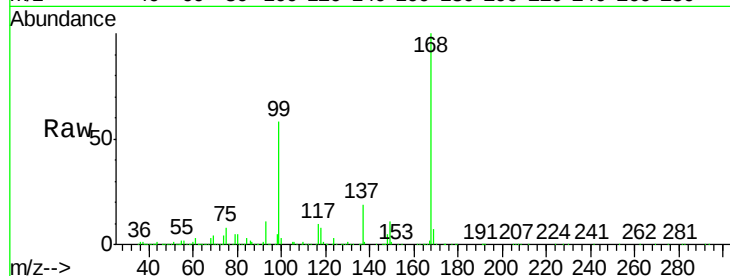
99 58.2 43.4 65.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

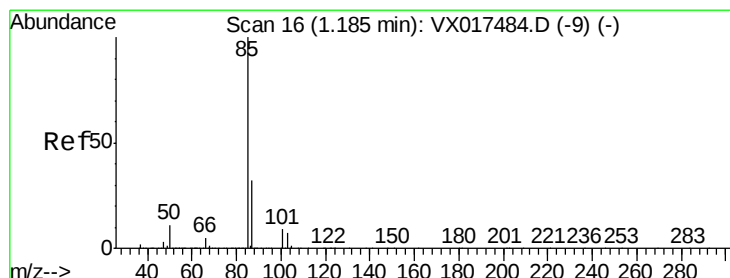
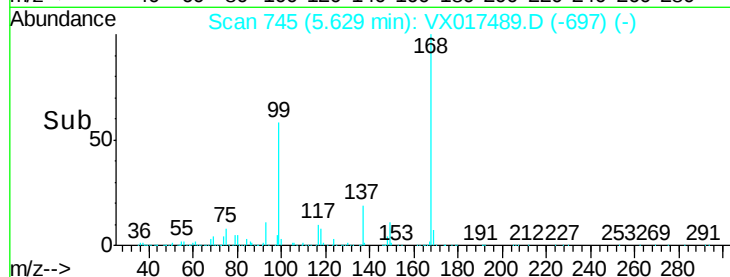
100000

50000

0

5.50 5.63 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 22.024 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017489.D

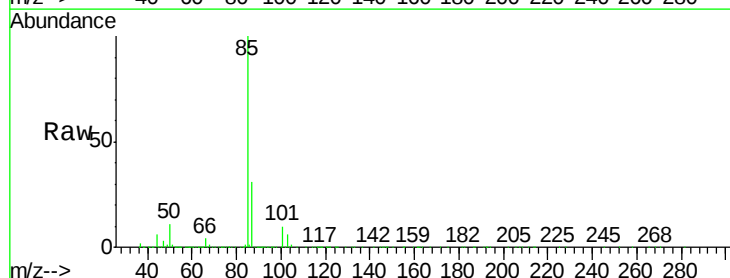
Acq: 23 Jul 2020 14:01

Tgt Ion: 85 Resp: 135448

Ion Ratio Lower Upper

85 100

87 30.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

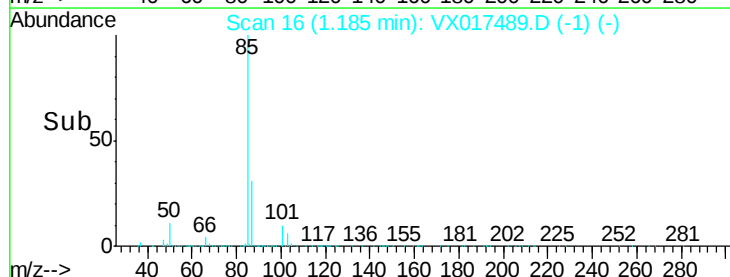
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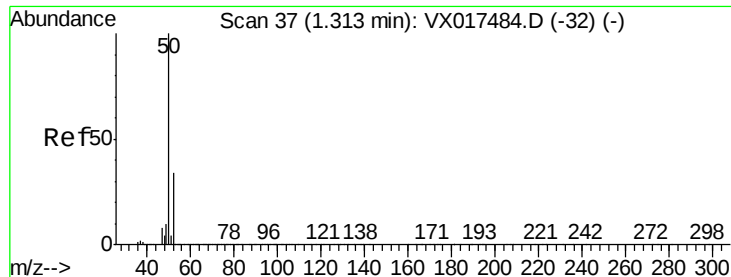
50000

0

1.15 1.18 1.20 1.25

Time-->





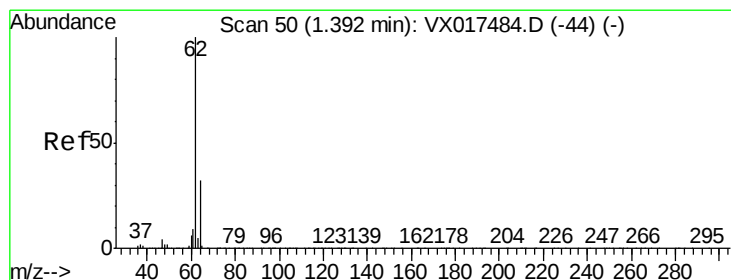
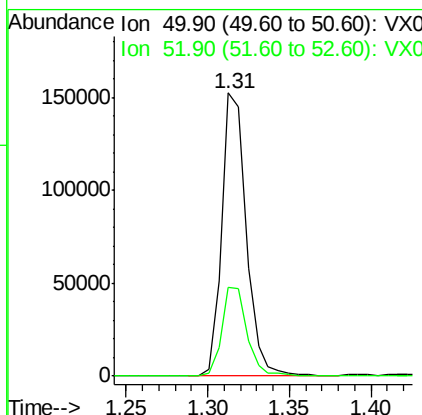
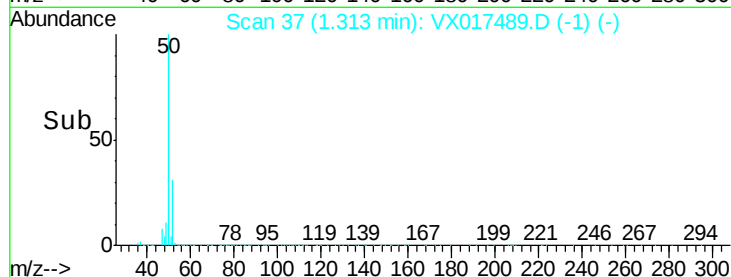
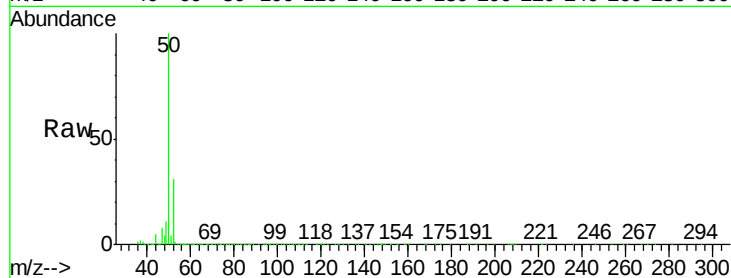
#3
Chloromethane
Concen: 20.207 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.0	25.9	38.9

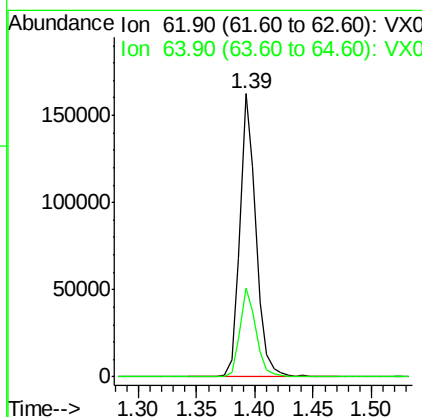
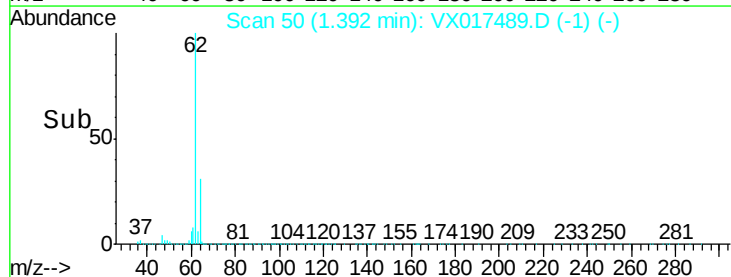
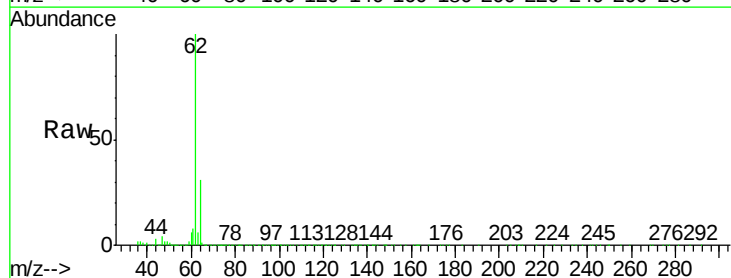
Manual Integrations
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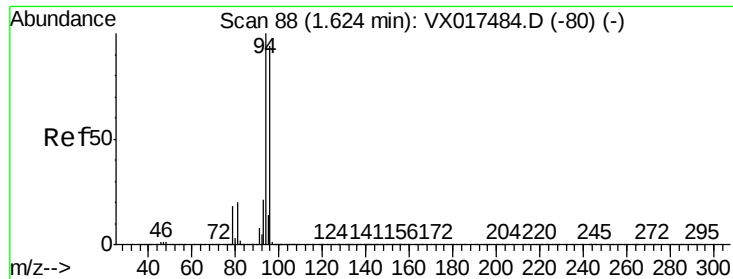
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#4
Vinyl Chloride
Concen: 19.327 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.1	25.2	37.8





#5

Bromomethane

Concen: 22.648 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 94 Resp: 106260

Ion Ratio Lower Upper

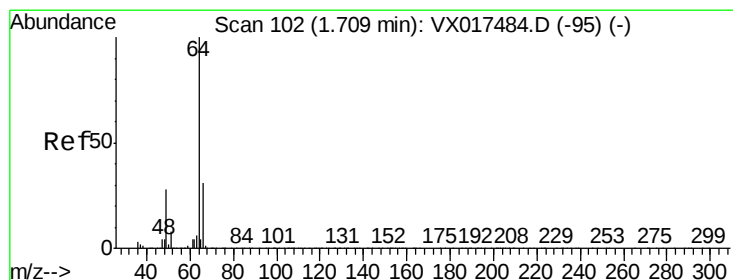
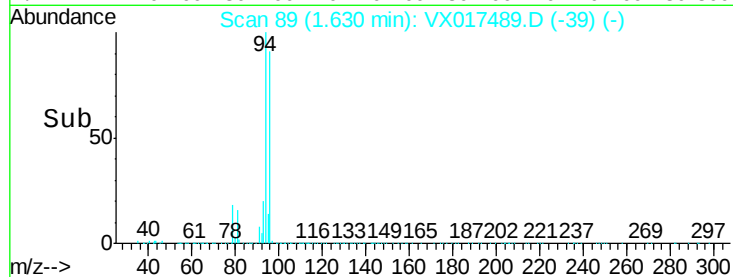
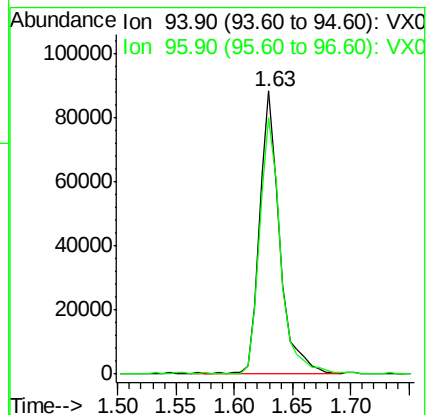
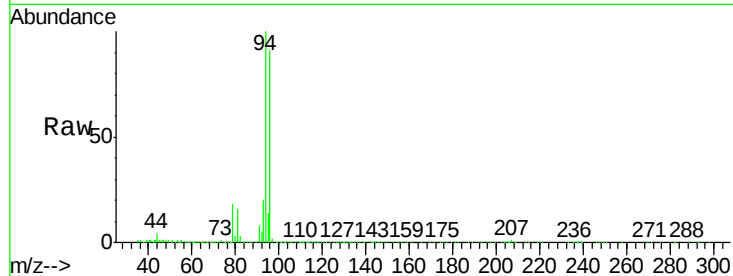
94 100

96 90.4 74.1 111.1

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#6

Chloroethane

Concen: 19.339 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017489.D

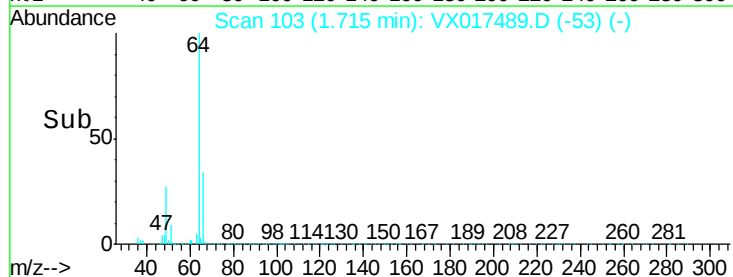
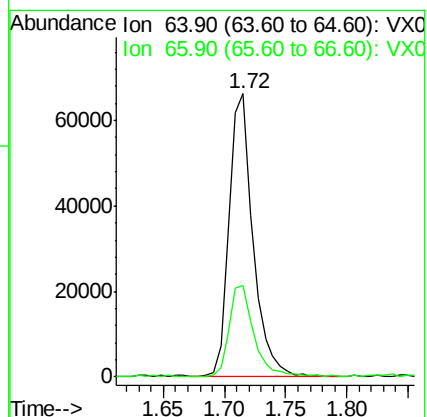
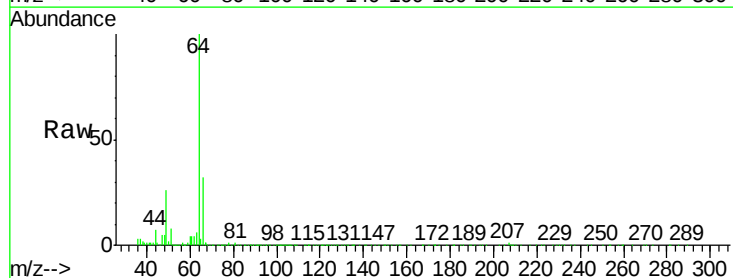
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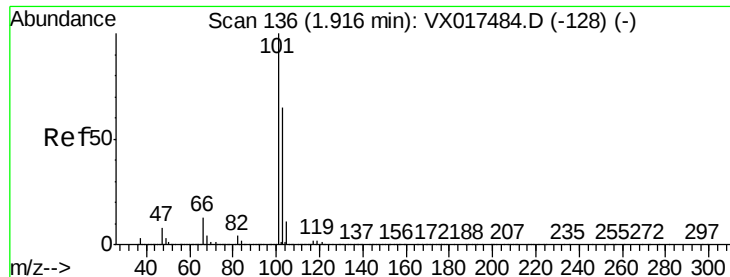
Tgt Ion: 64 Resp: 88810

Ion Ratio Lower Upper

64 100

66 31.9 24.9 37.3





#7

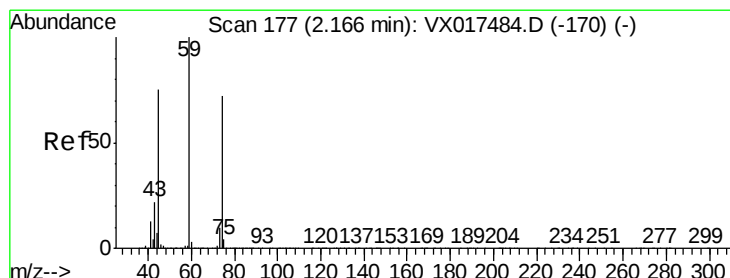
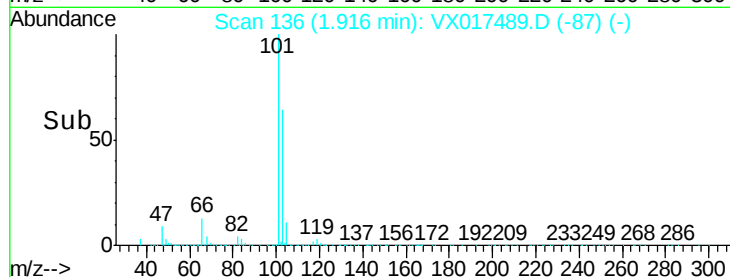
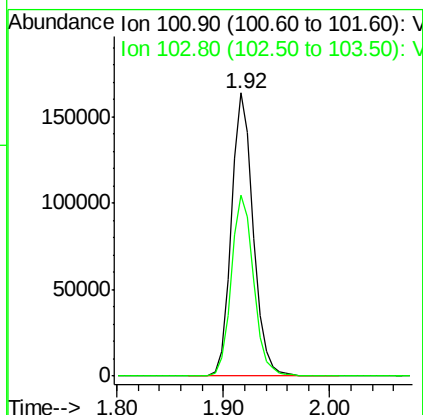
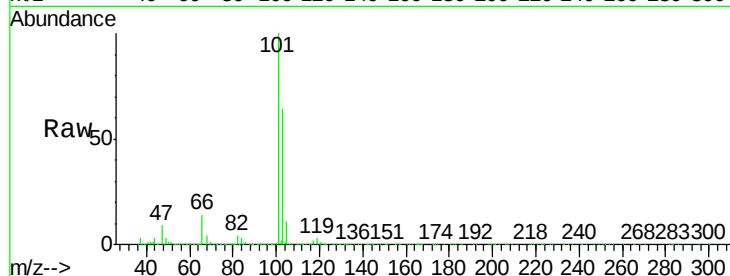
Trichlorofluoromethane
Concen: 18.475 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.8	77.8

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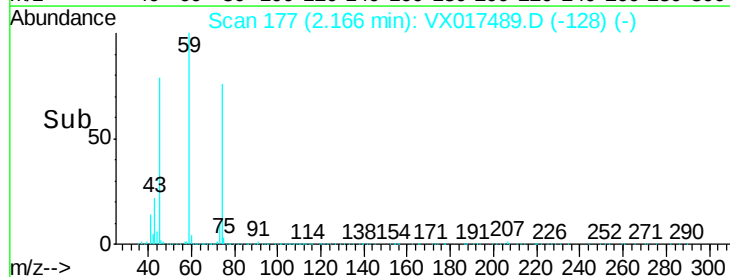
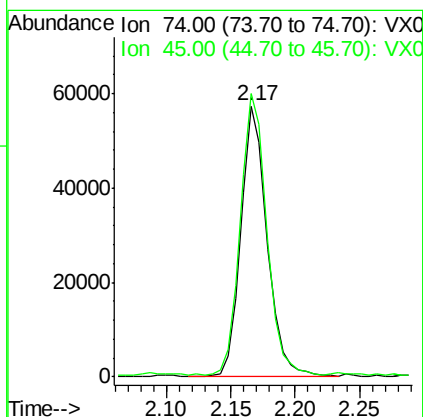
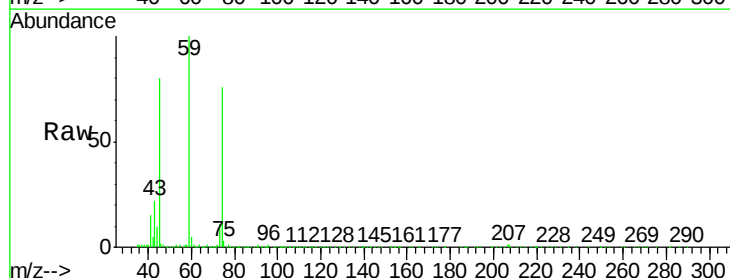
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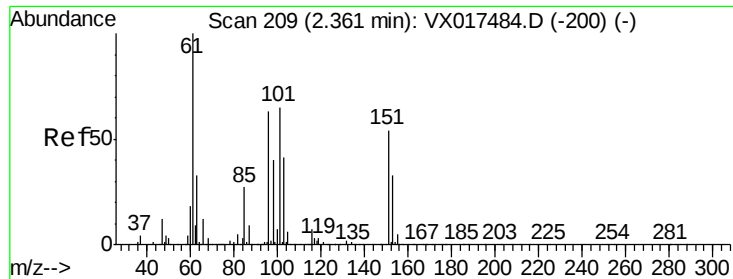


#8

Diethyl Ether
Concen: 18.465 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.3	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.136 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

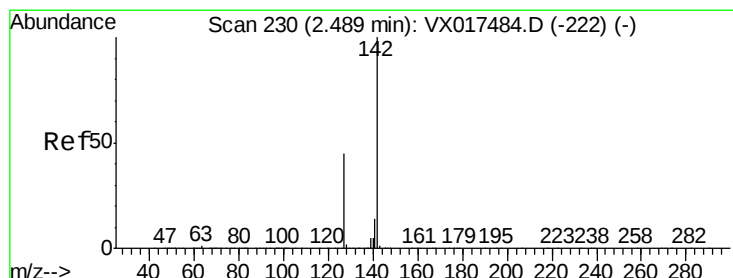
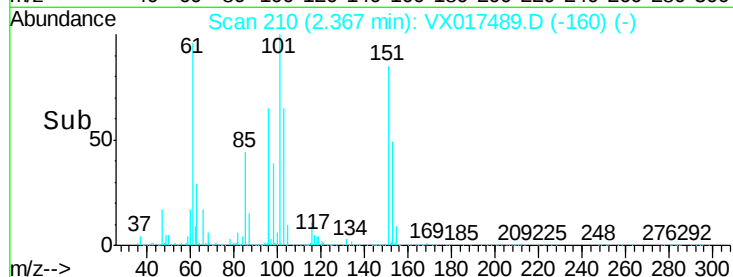
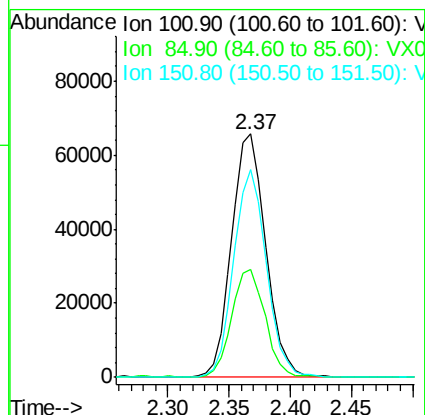
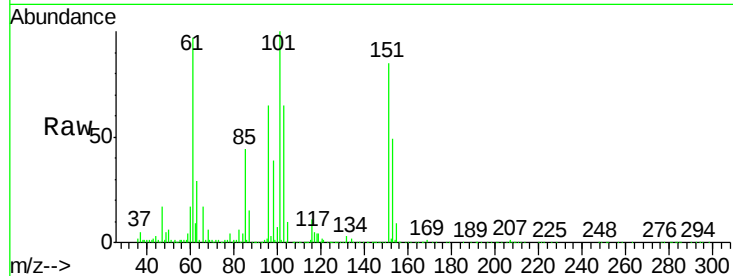
ClientSampleId :

VX0723WBS01

Tot Ion:	101	Resp:	127286
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.8	52.2
151	82.1	68.0	102.0

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#10

Methyl Iodide

Concen: 15.891 ug/l

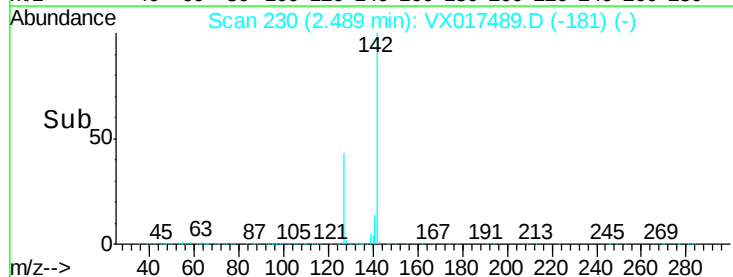
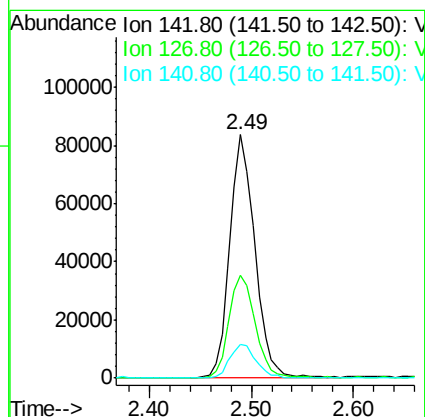
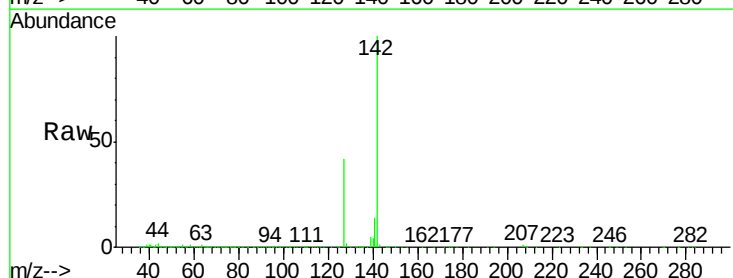
RT: 2.49 min Scan# 230

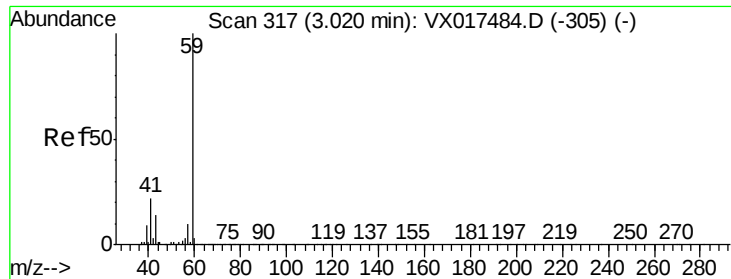
Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Tgt Ion:	142	Resp:	142683
Ion Ratio	Lower	Upper	
142	100		
127	44.7	35.9	53.9
141	14.7	11.4	17.0





#11

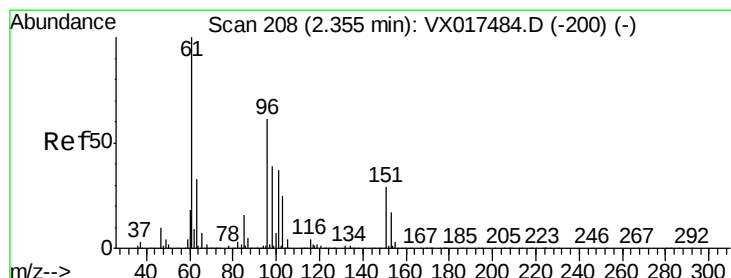
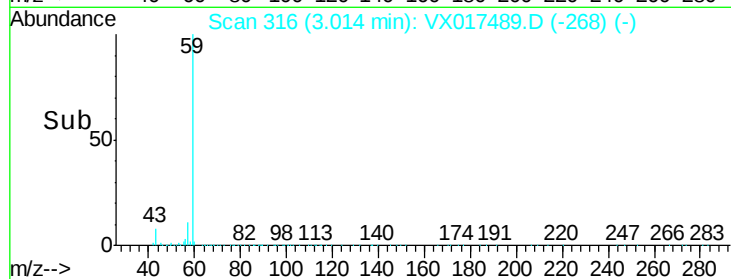
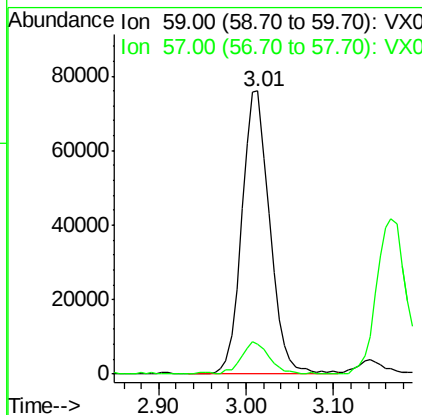
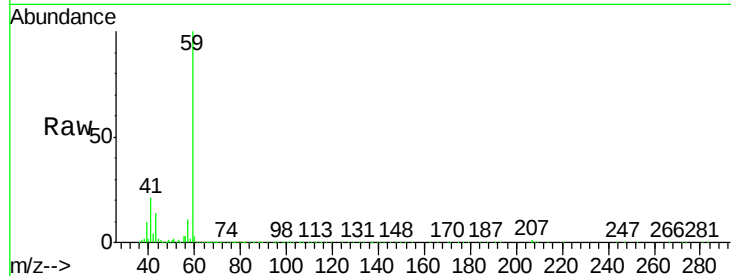
Tert butyl alcohol
 Concen: 96.060 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	12.8

Manual Integrations
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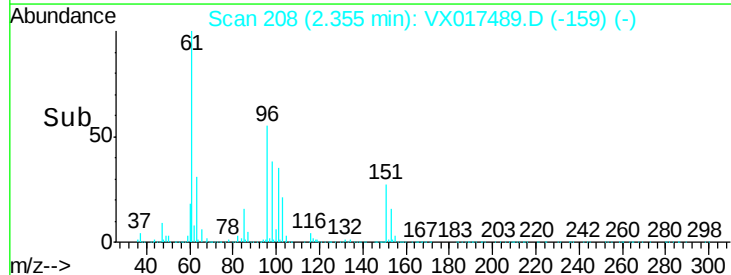
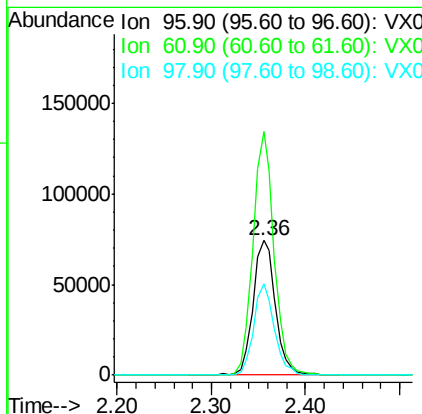
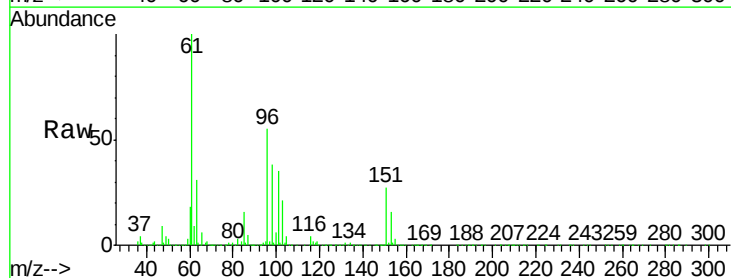
MMDadoda
 7/24/2020 9:56:23 AM

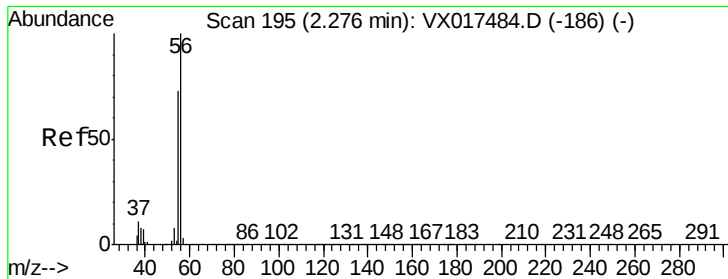


#12

1,1-Dichloroethene
 Concen: 18.496 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.4	134.0	201.0
98	68.2	51.0	76.4





#13

Acrolein

Concen: 84.611 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 56 Resp: 109278

Ion Ratio Lower Upper

56 100

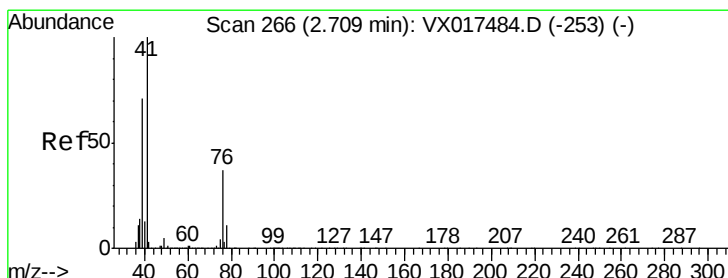
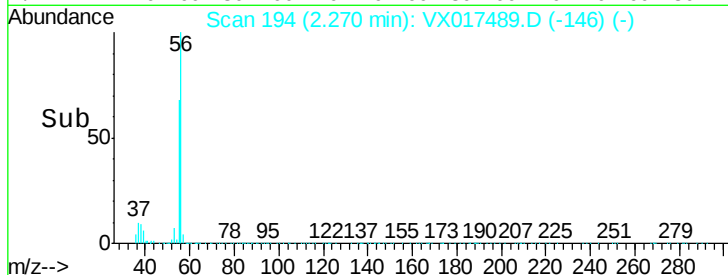
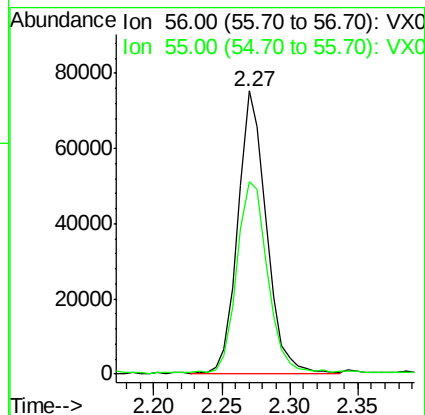
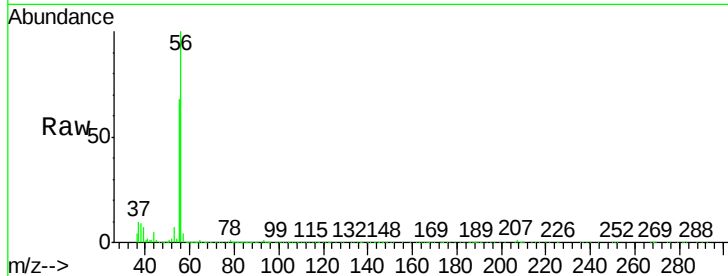
55 73.2 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 19.746 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

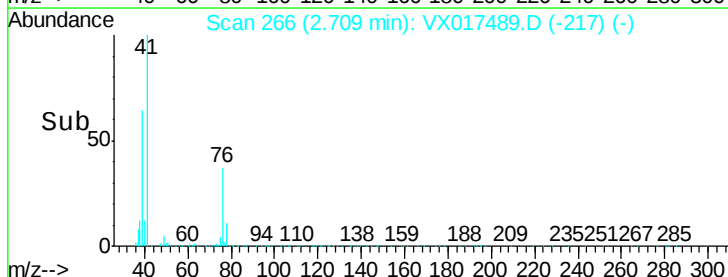
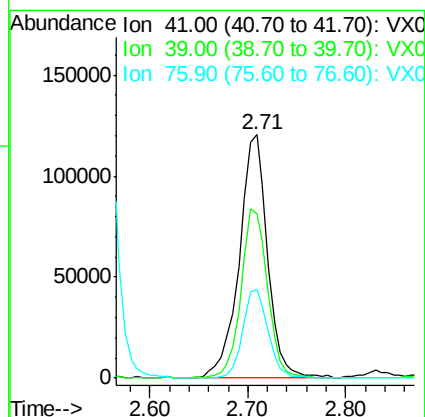
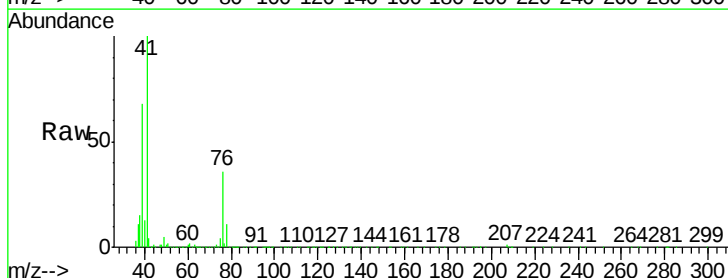
Tgt Ion: 41 Resp: 240634

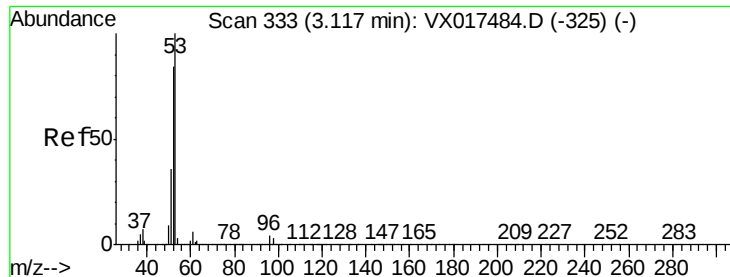
Ion Ratio Lower Upper

41 100

39 64.7 51.9 77.9

76 32.6 25.5 38.3





#15

Acrylonitrile

Concen: 96.869 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

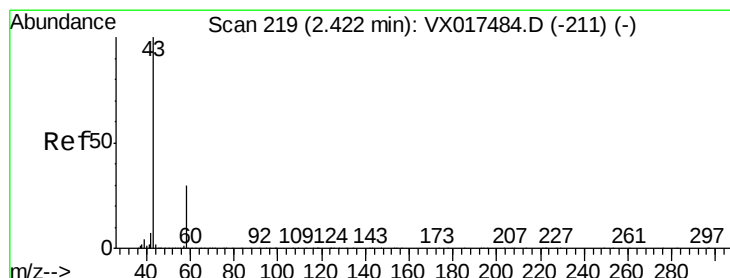
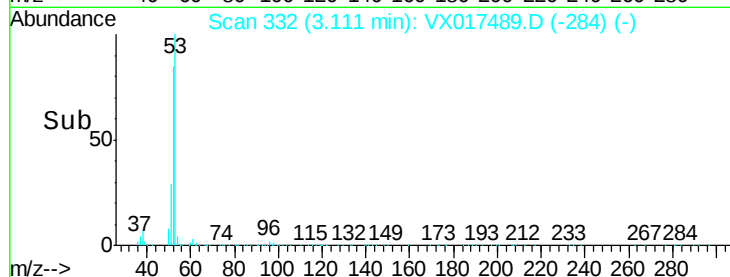
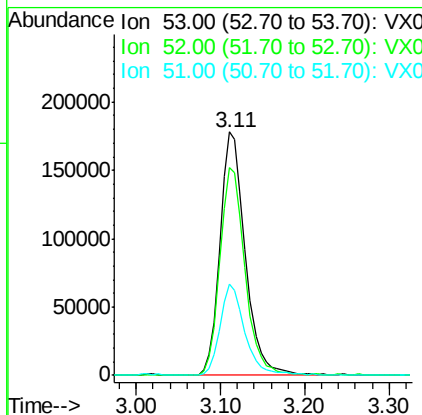
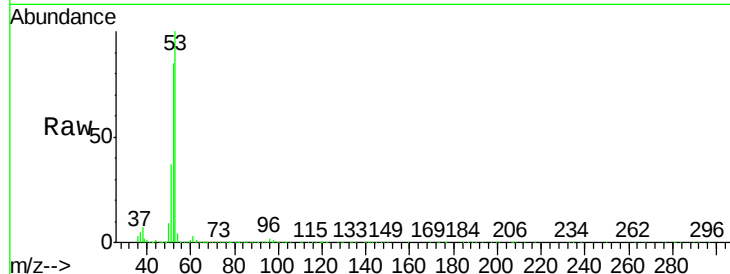
ClientSampleId :

VX0723WBS01

Tot Ion:	53	Resp:	366003
Ion Ratio	Lower	Upper	
53	100		
52	84.9	66.6	99.8
51	37.0	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 91.857 ug/l

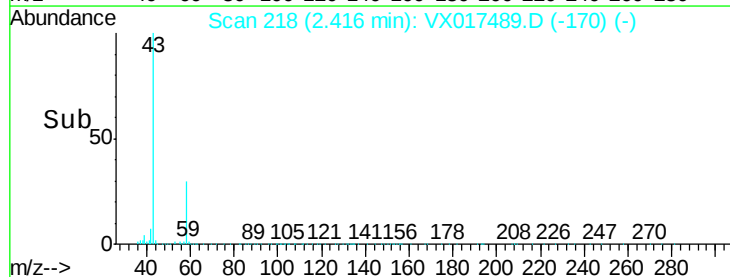
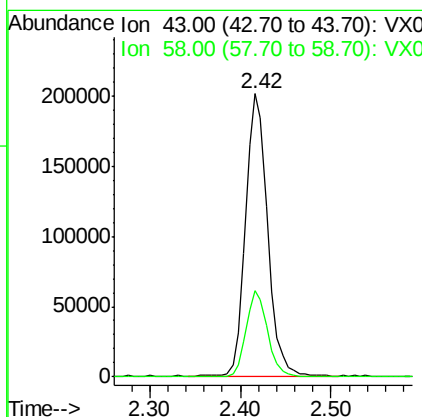
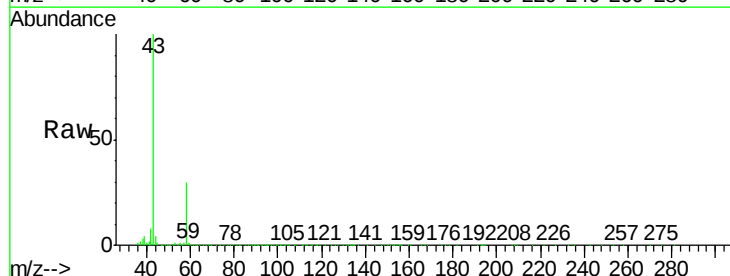
RT: 2.42 min Scan# 218

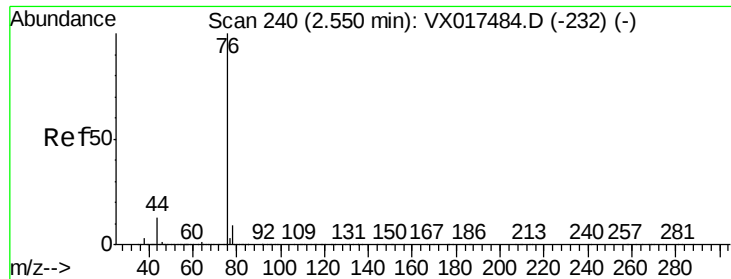
Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Tgt Ion:	43	Resp:	335572
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.2	36.4





#17

Carbon Disulfide

Concen: 19.240 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 76 Resp: 390298

Ion Ratio Lower Upper

76 100

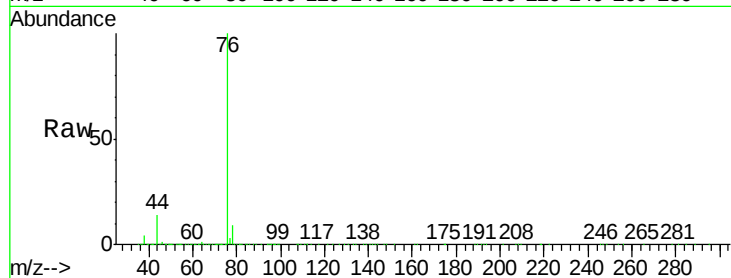
78 9.1 7.5 11.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

250000

200000

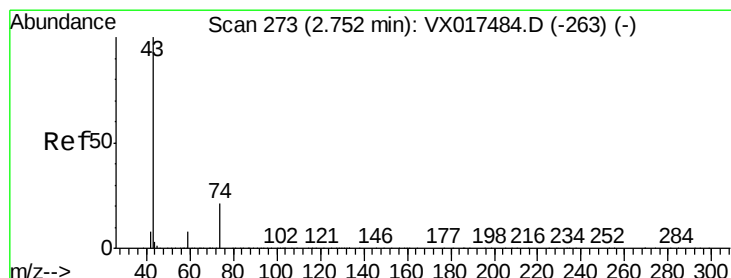
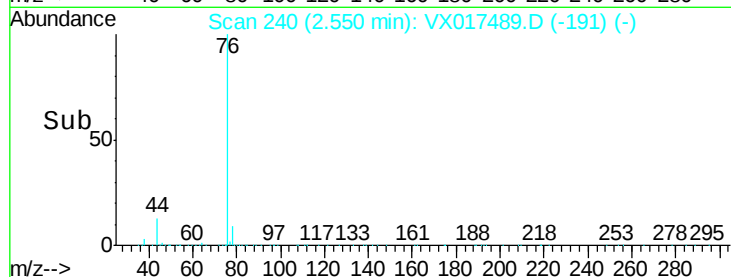
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.425 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017489.D

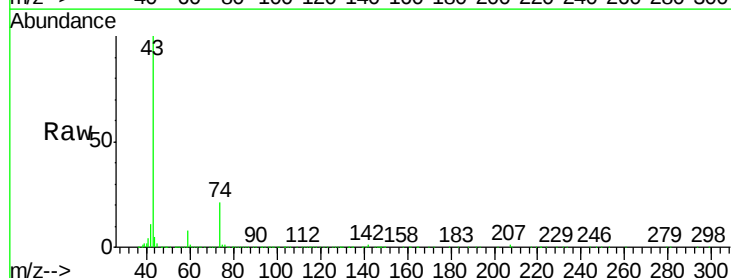
Acq: 23 Jul 2020 14:01

Tgt Ion: 43 Resp: 167126

Ion Ratio Lower Upper

43 100

74 21.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

100000

80000

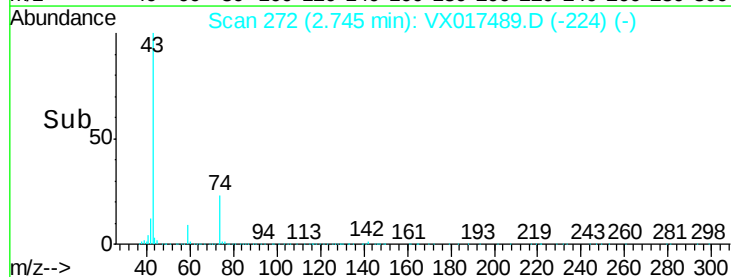
60000

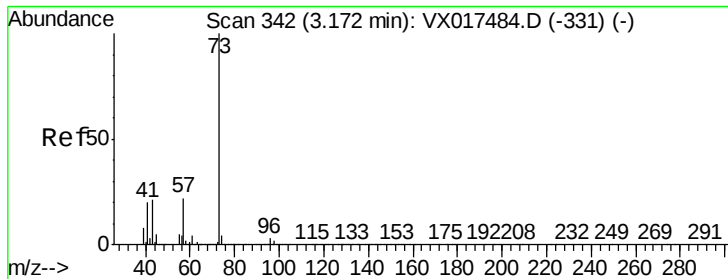
40000

20000

0

Time-->





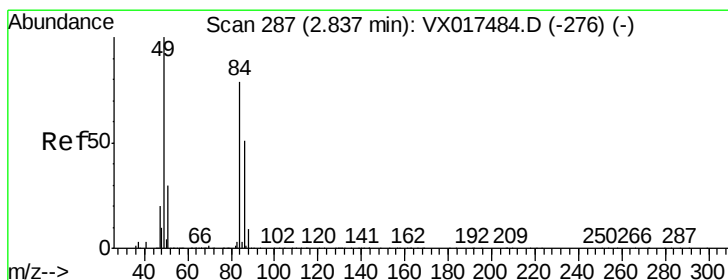
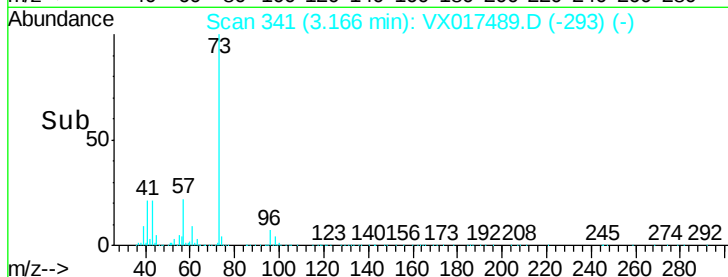
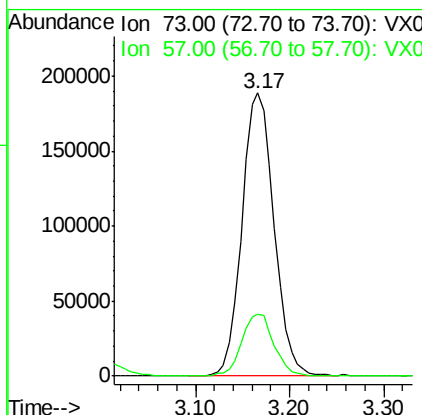
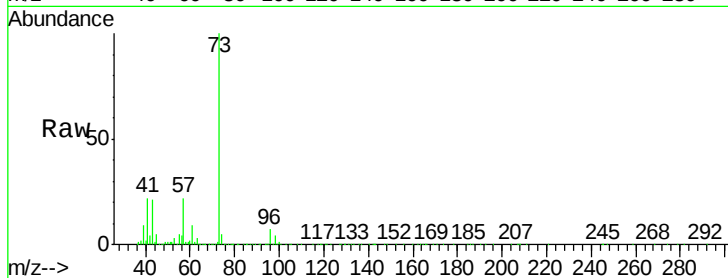
#19
Methvl tert-butvl Ether
Concen: 19.363 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.0	25.4

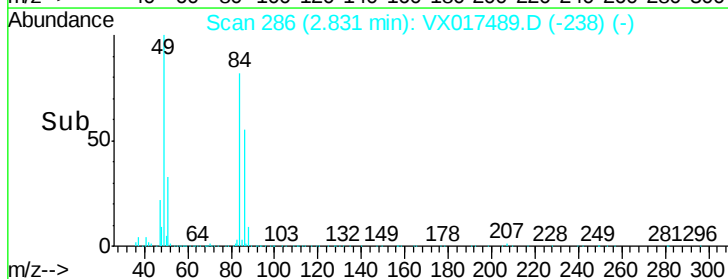
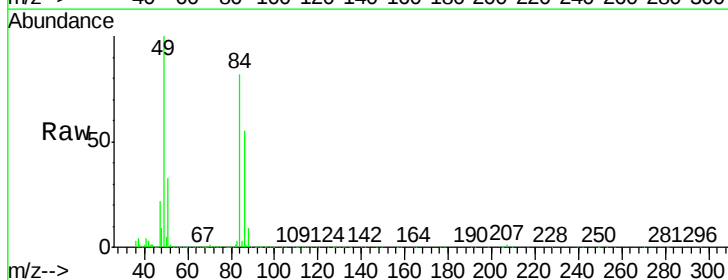
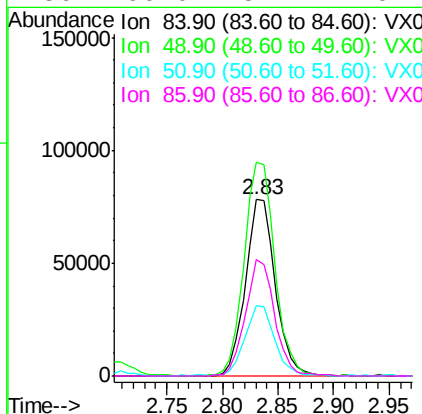
Manual Integrations
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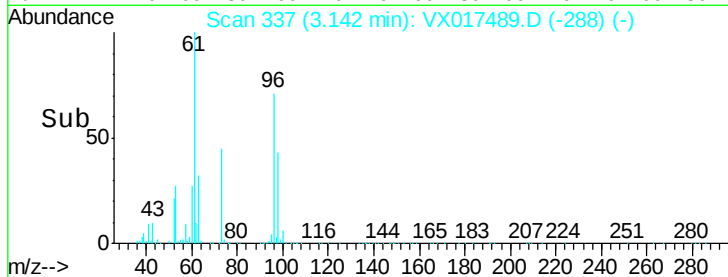
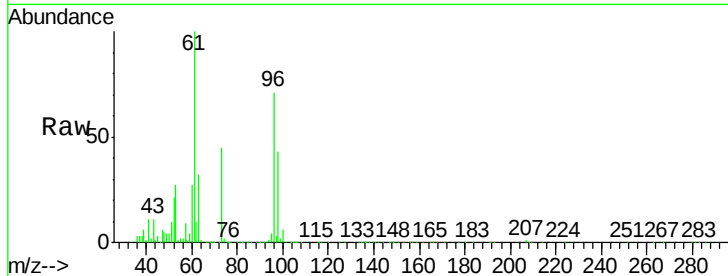
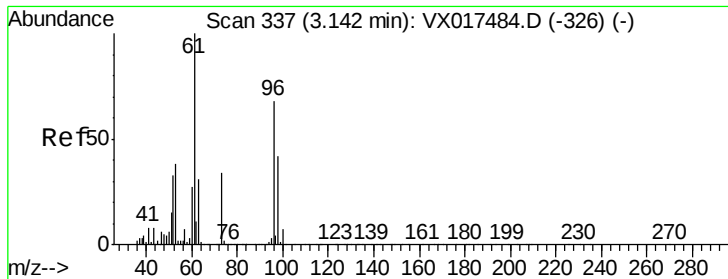
MMDadoda
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#20
Methylene Chloride
Concen: 20.338 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.3	100.3	150.5
51	39.7	30.5	45.7
86	66.0	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 19.803 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017489.D

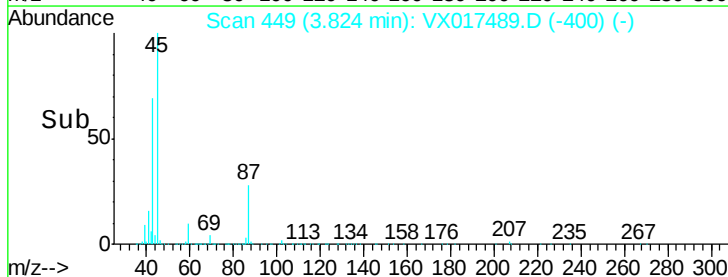
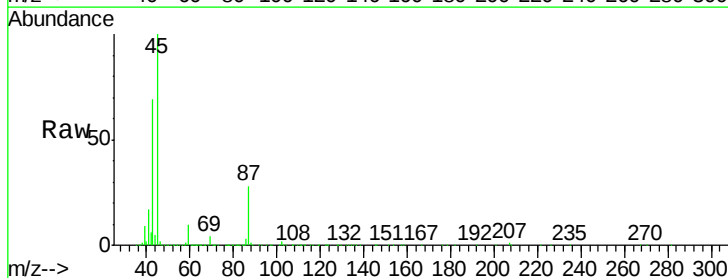
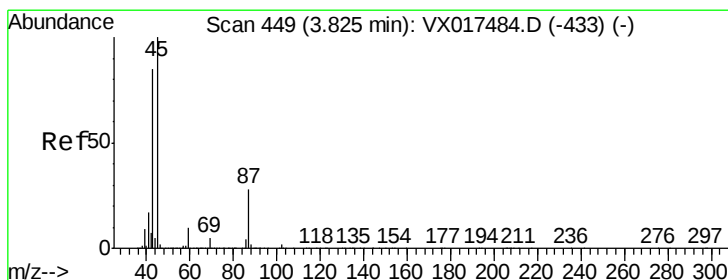
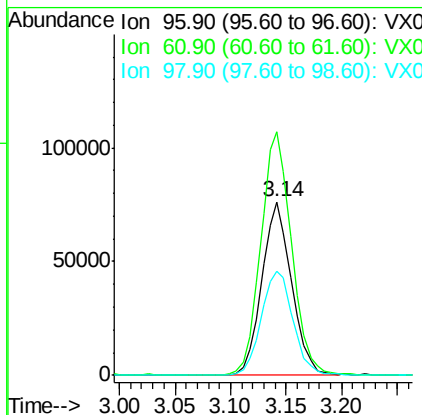
Acq: 23 Jul 2020 14:01

Tot Ion:	96	Resp:	141587
Ion Ratio	Lower	Upper	
96	100		
61	140.3	113.0	169.4
98	59.9	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

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#22

Diisopropyl ether

Concen: 20.989 ug/l

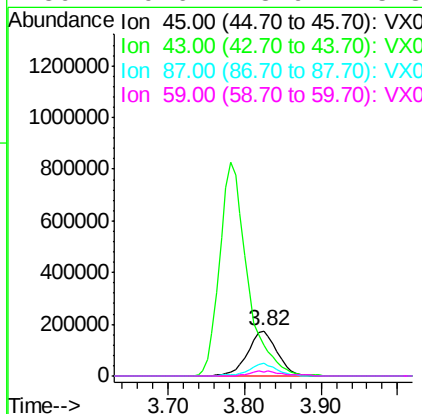
RT: 3.82 min Scan# 449

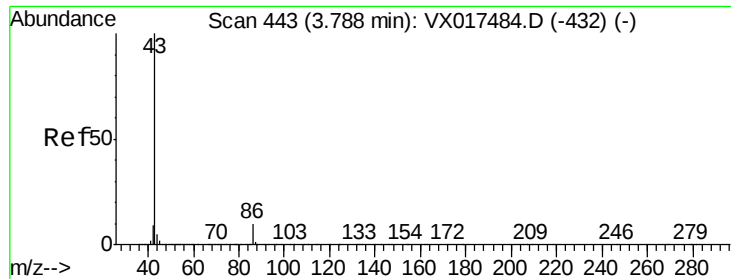
Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Tgt Ion:	45	Resp:	467692
Ion Ratio	Lower	Upper	
45	100		
43	69.1	52.0	78.0
87	27.6	22.2	33.4
59	9.6	8.9	13.3





#23

Vinyl Acetate

Concen: 104.159 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 43 Resp: 2069435

Ion Ratio Lower Upper

43 100

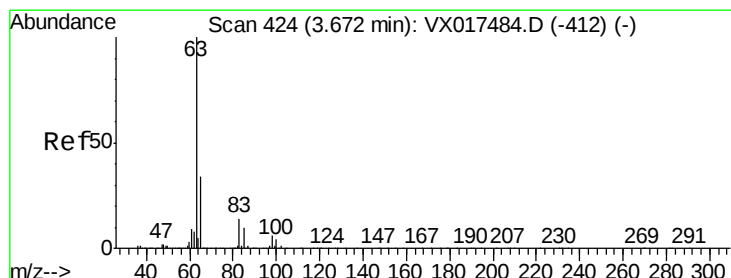
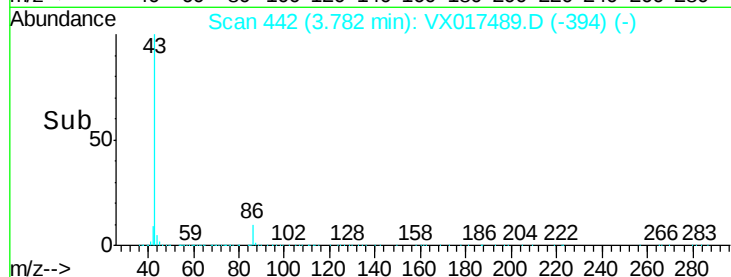
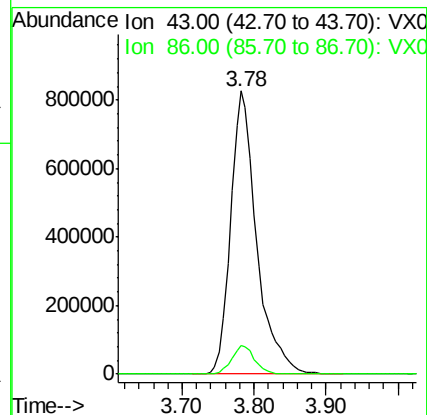
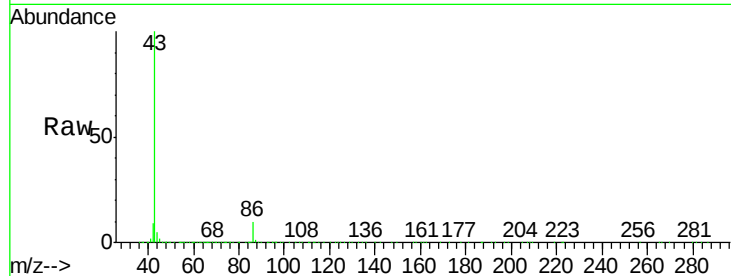
86 10.0 8.2 12.4

Manual Integrations

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MMDadoda

7/24/2020 9:56:23 AM



#24

1,1-Dichloroethane

Concen: 19.995 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

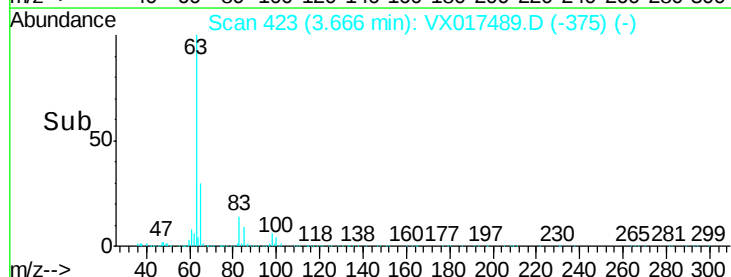
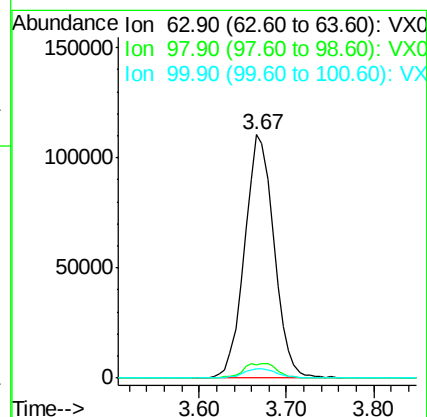
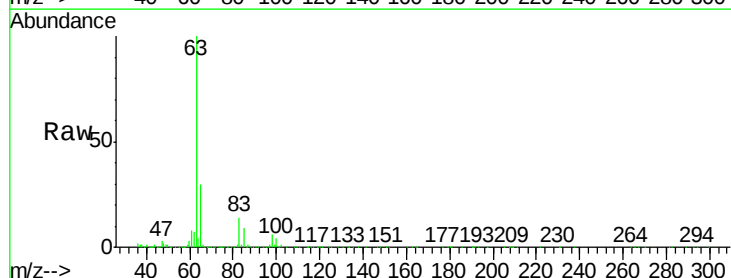
Tgt Ion: 63 Resp: 256661

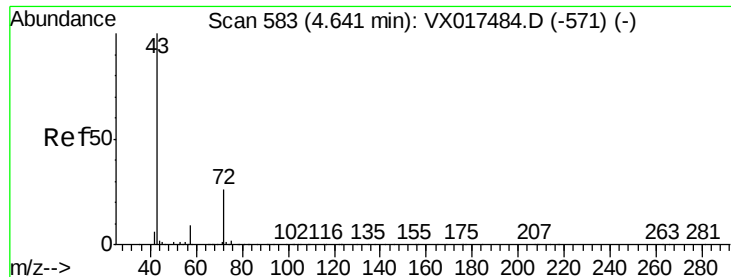
Ion Ratio Lower Upper

63 100

98 5.6 3.4 10.1

100 4.1 1.9 5.7





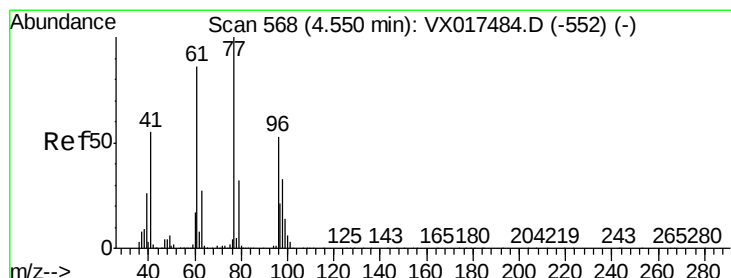
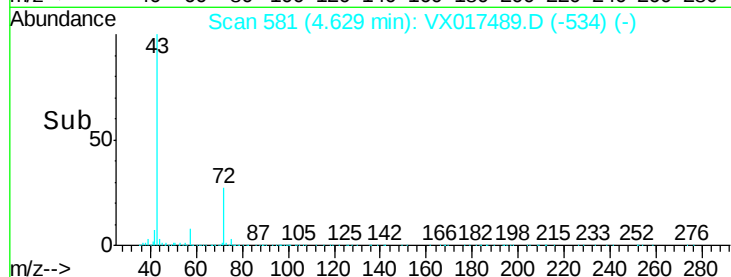
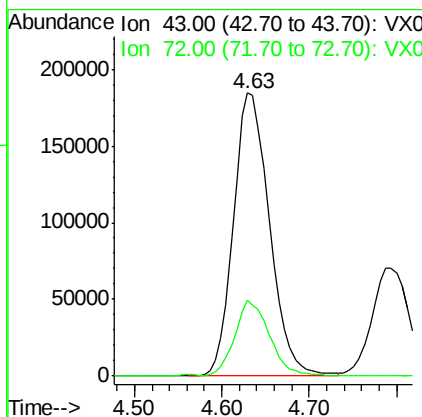
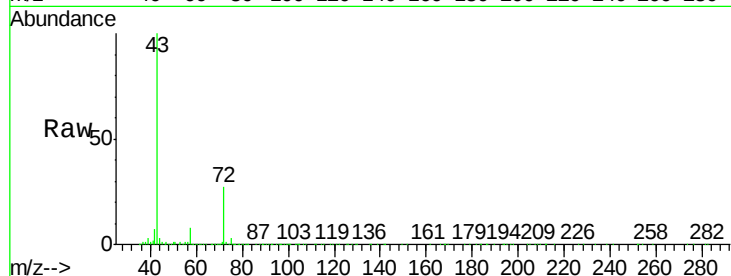
#25
2-Butanone
Concen: 101.360 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion: 43 Resp: 526031
Ion Ratio Lower Upper
43 100
72 26.7 19.0 28.4

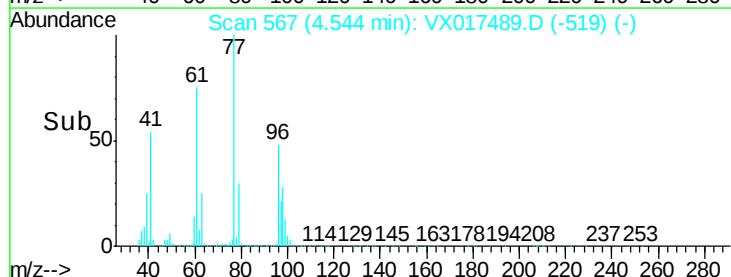
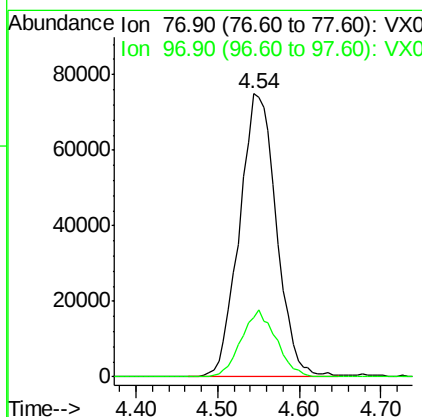
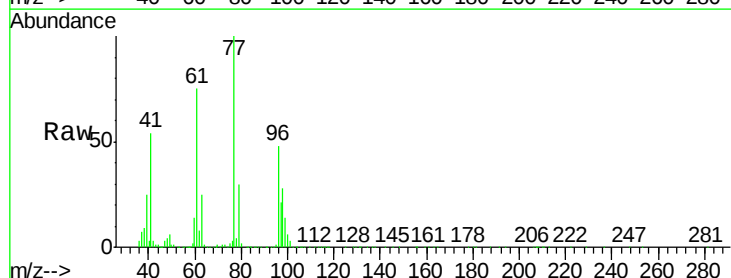
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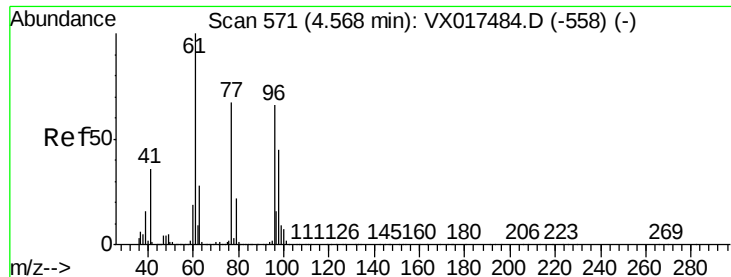
MMDadoda
7/24/2020 9:56:23 AM



#26
2,2-Dichloropropane
Concen: 20.554 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion: 77 Resp: 236165
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.9





#27

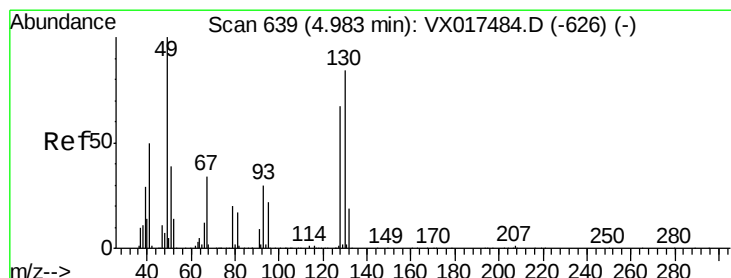
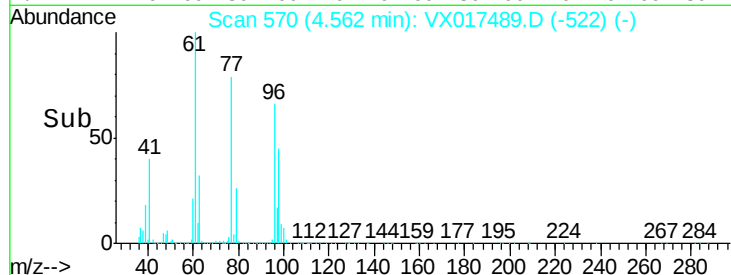
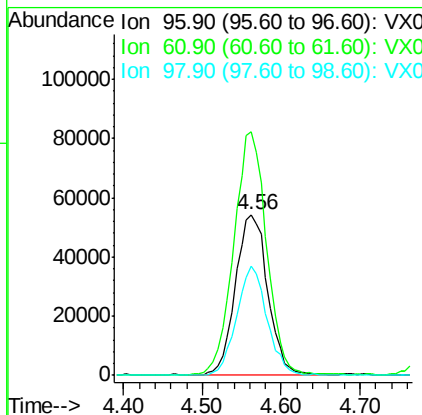
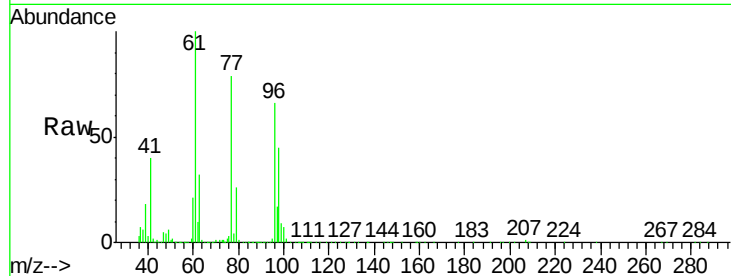
cis-1,2-Dichloroethene
Concen: 20.059 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	155772		
61	153.2	0.0	301.2	
98	63.2	0.0	130.0	

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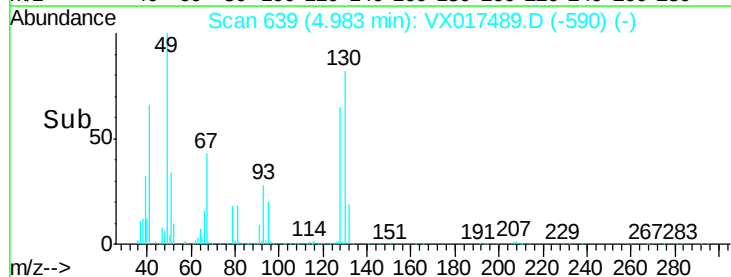
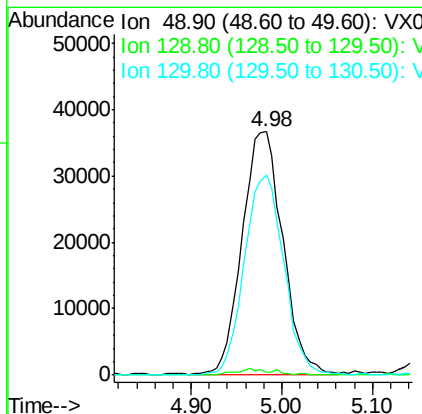
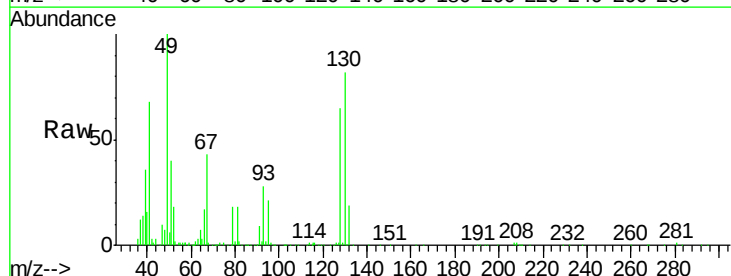
MMDadoda
7/24/2020 9:56:23 AM

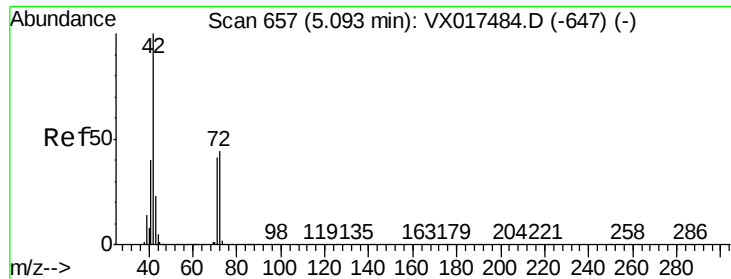


#28

Bromochloromethane
Concen: 19.542 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	113673		
129	2.6	0.0	4.6	
130	80.2	66.7	100.1	





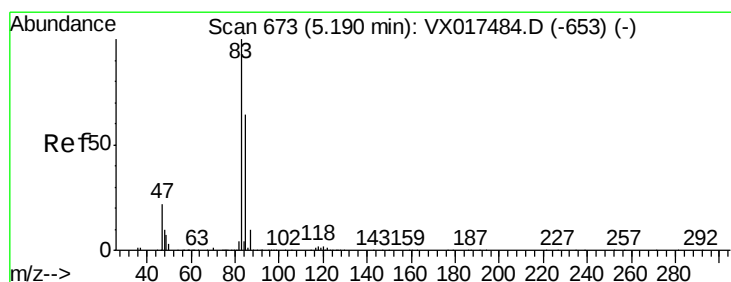
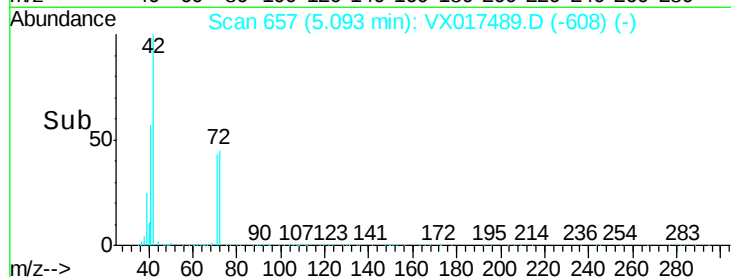
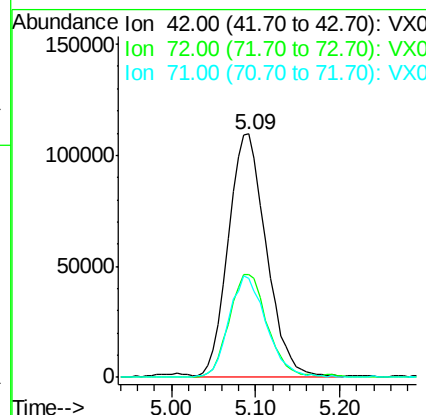
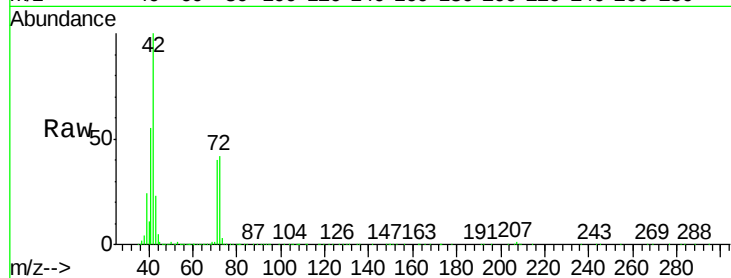
#29
Tetrahydrofuran
Concen: 105.552 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	35.5	53.3
71	40.8	33.0	49.4

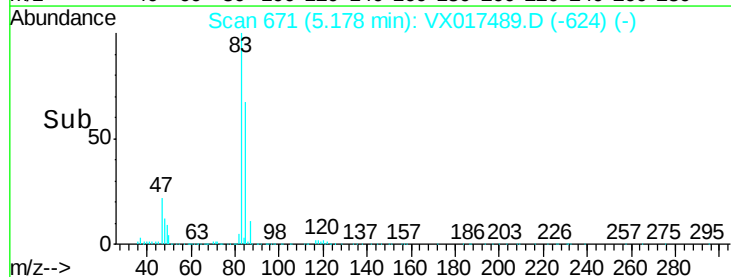
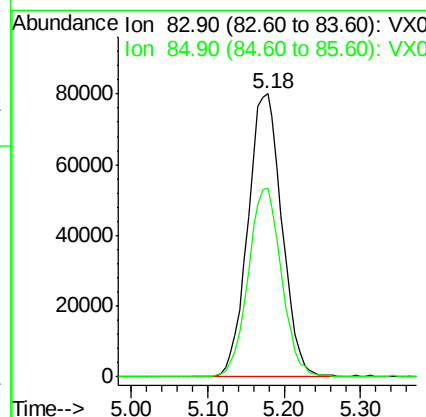
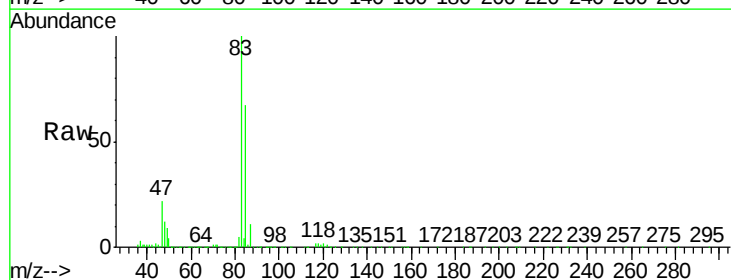
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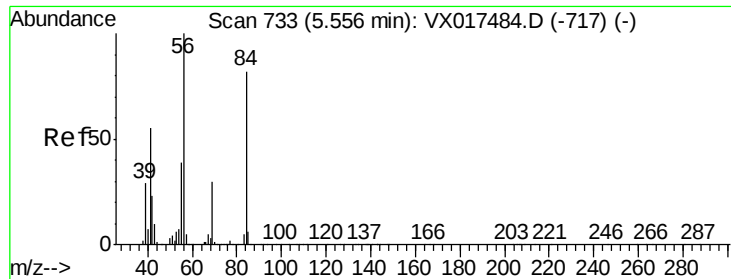
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#30
Chloroform
Concen: 18.893 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.4	77.2





#31

Cyclohexane

Concen: 19.759 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

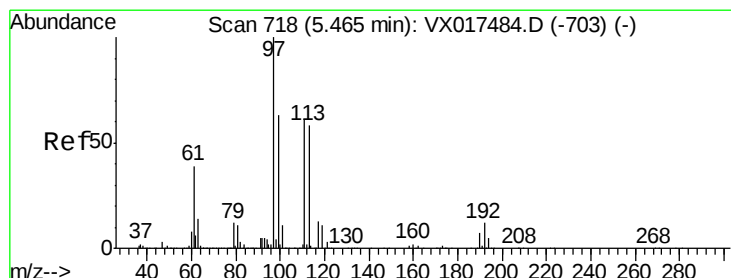
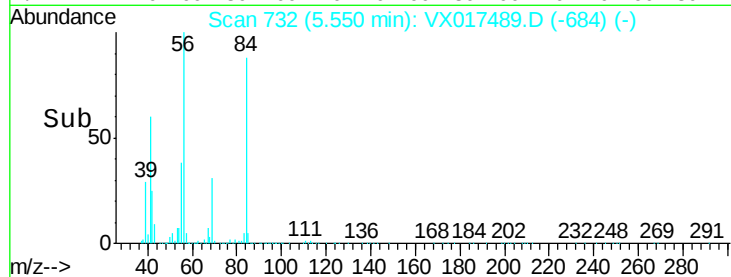
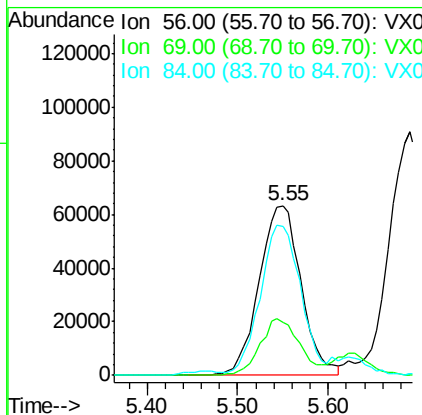
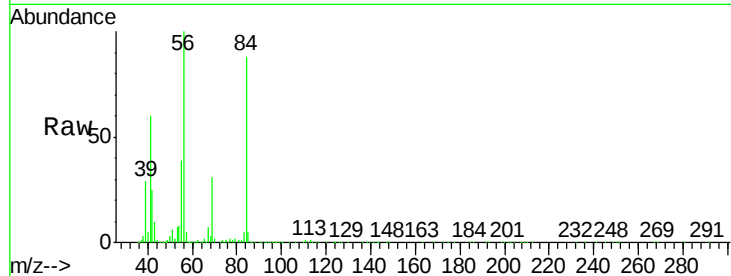
ClientSampleId :

VX0723WBS01

Tot Ion:	56	Resp:	202254
Ion Ratio		Lower	Upper
56	100		
69	30.3	24.2	36.4
84	85.8	69.0	103.6

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#32

1,1,1-Trichloroethane

Concen: 18.913 ug/l

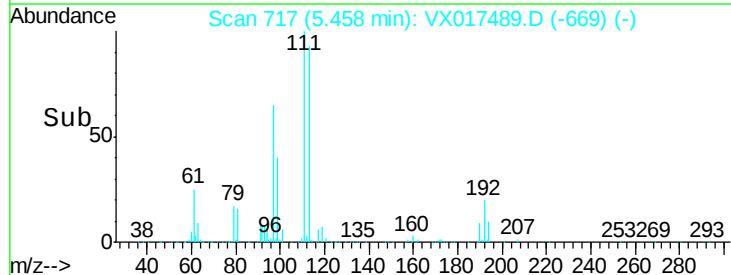
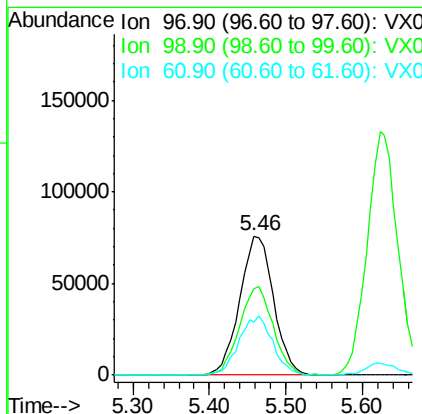
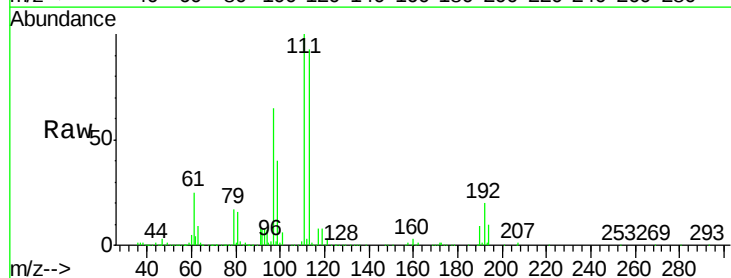
RT: 5.46 min Scan# 717

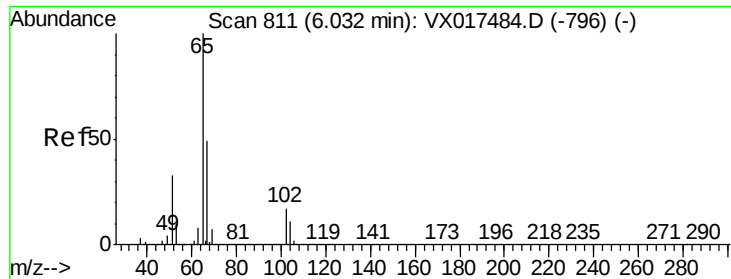
Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Tgt Ion:	97	Resp:	233916
Ion Ratio		Lower	Upper
97	100		
99	63.1	51.9	77.9
61	41.8	34.1	51.1





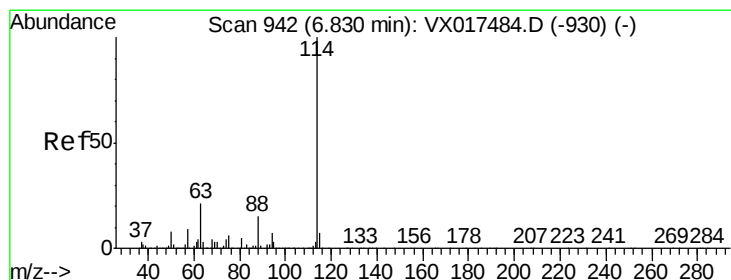
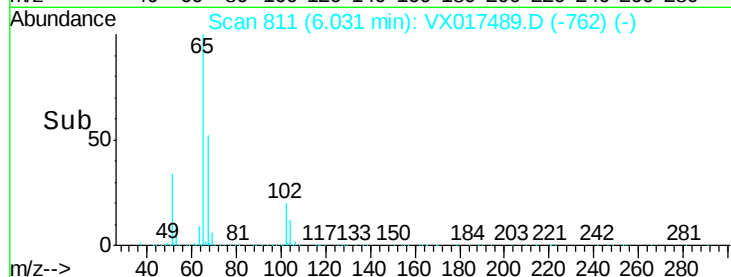
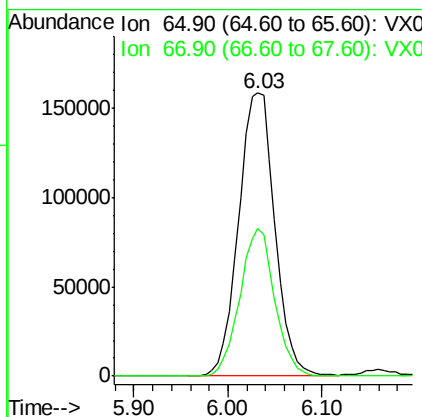
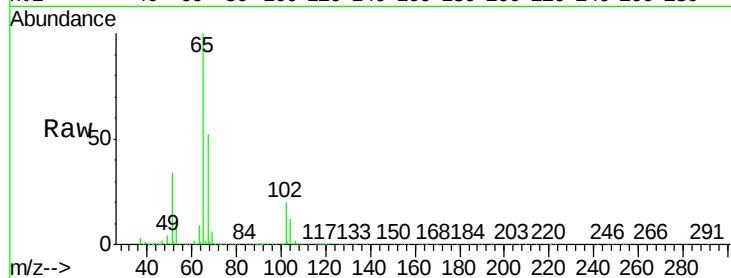
#33
 1,2-Dichloroethane-d4
 Concen: 51.437 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	102.8

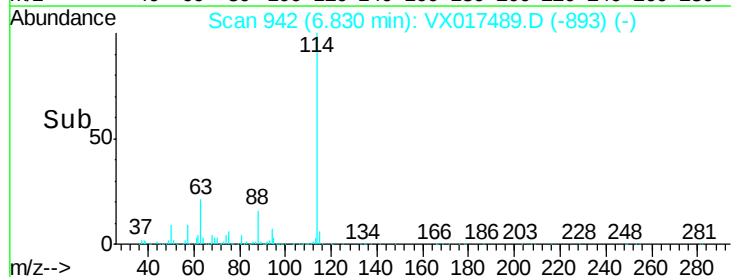
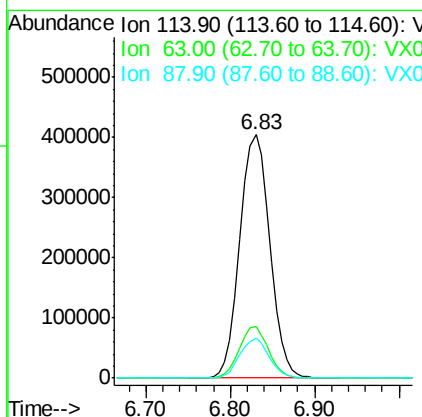
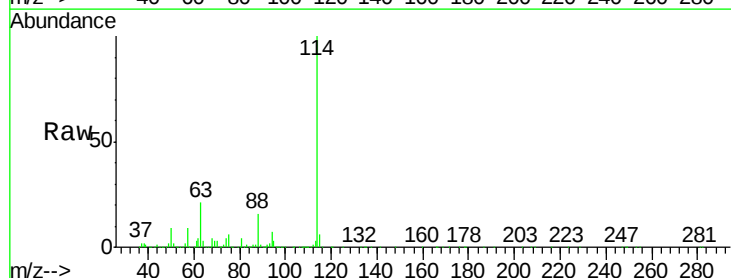
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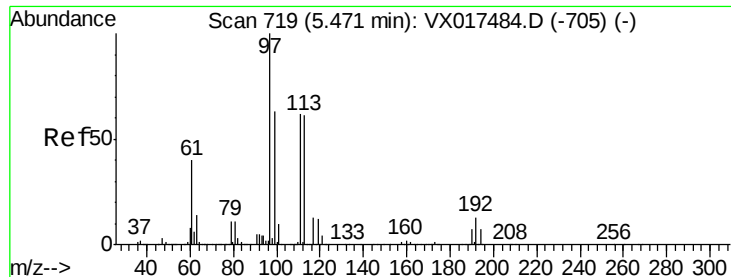
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.6
88	16.3	0.0	33.4





#35

Dibromofluoromethane

Concen: 50.462 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

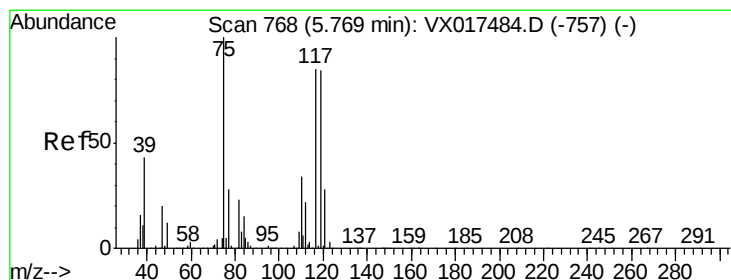
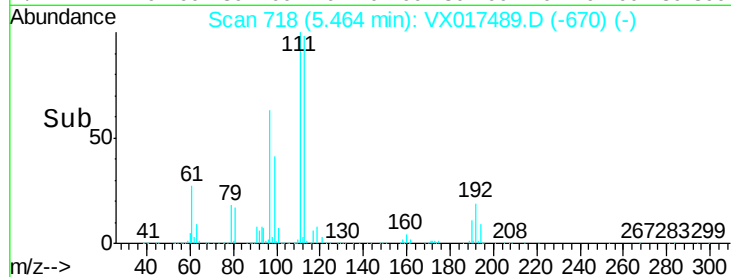
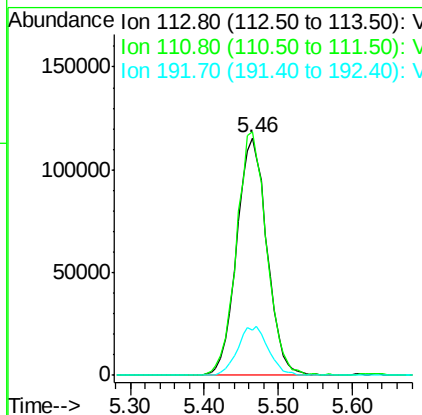
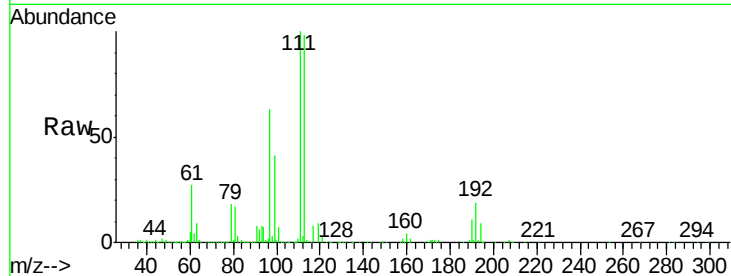
ClientSampleId :

VX0723WBS01

Tot Ion:	113	Resp:	329411
Ion Ratio	Lower	Upper	
113	100		
111	102.0	80.7	121.1
192	21.0	16.9	25.3

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#36

1,1-Dichloropropene

Concen: 19.350 ug/l

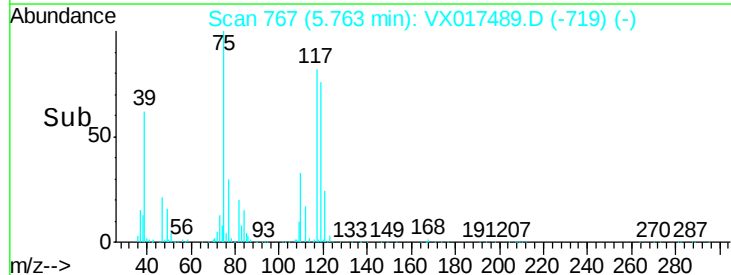
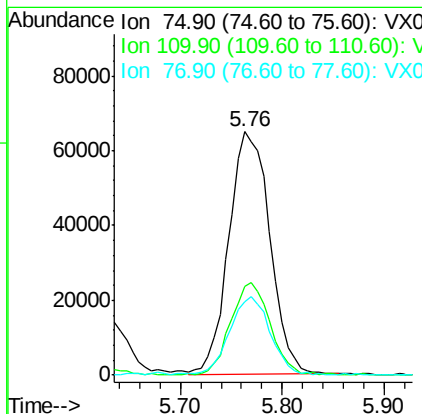
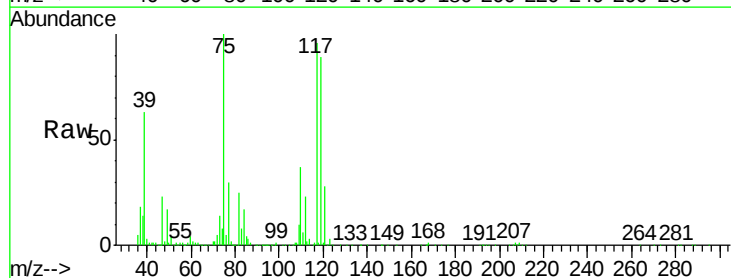
RT: 5.76 min Scan# 767

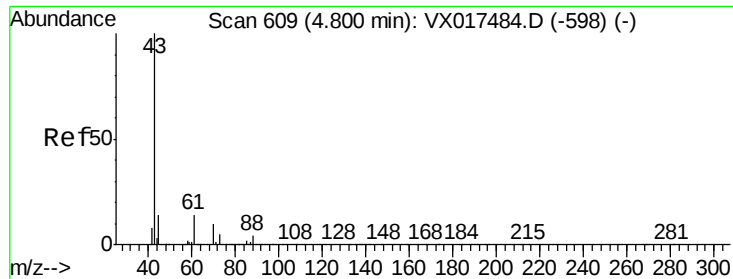
Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Tgt Ion:	75	Resp:	181134
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.1	54.3
77	31.8	24.6	37.0





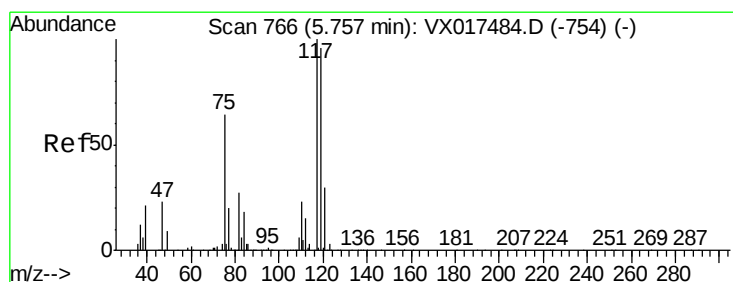
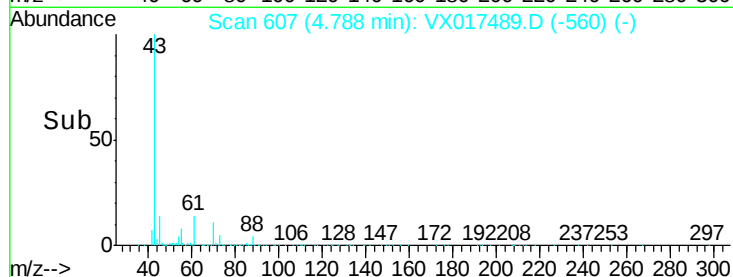
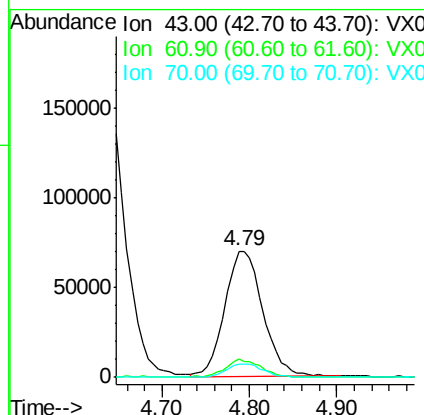
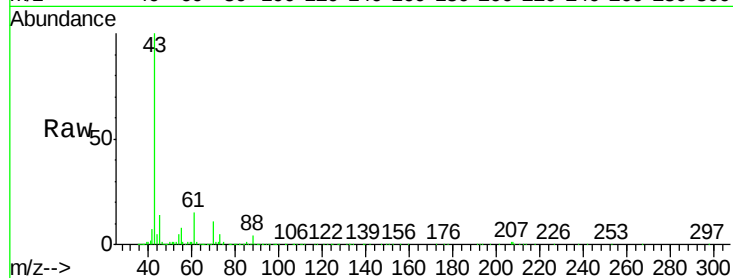
#37
Ethyl Acetate
Concen: 20.550 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.7	16.1
70	10.3	8.5	12.7

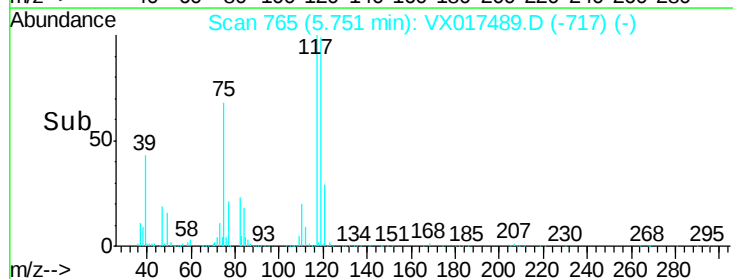
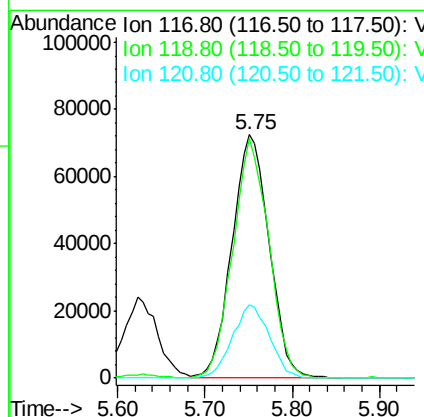
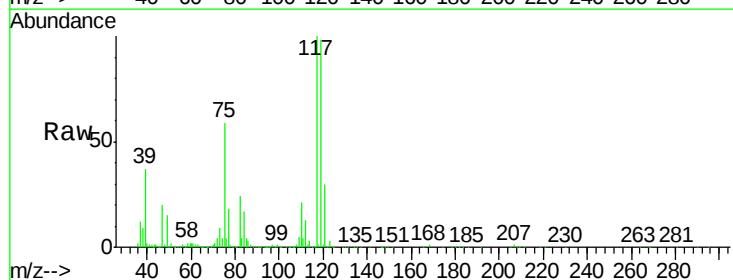
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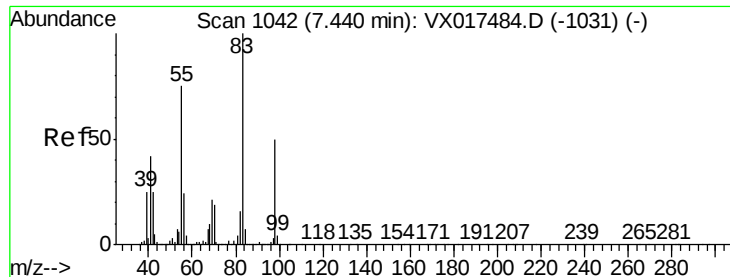
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7/24/2020 9:56:23 AM



#38
Carbon Tetrachloride
Concen: 18.790 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.4	113.0
121	30.0	24.3	36.5





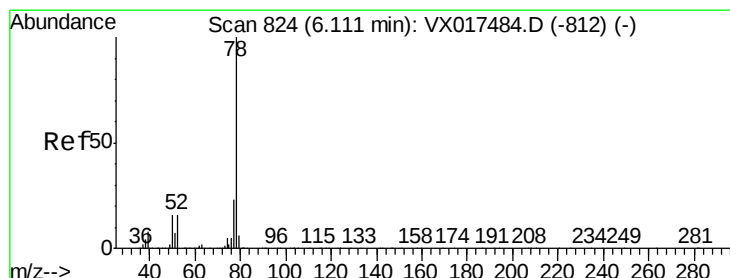
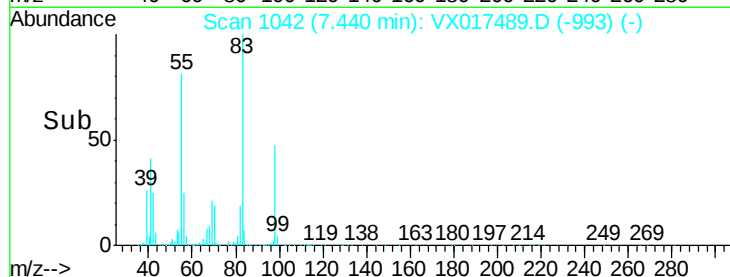
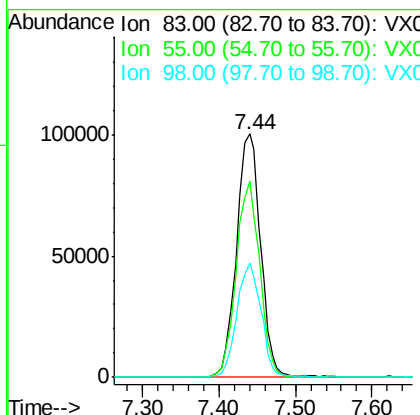
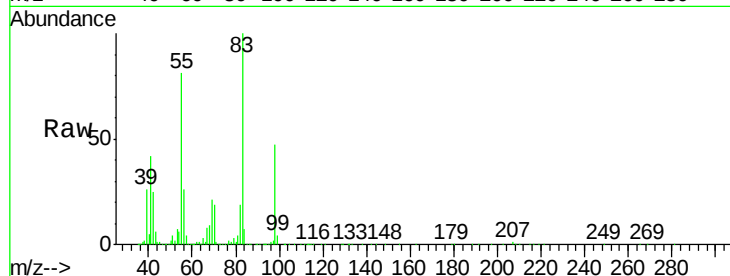
#39
Methvlcvclohexane
Concen: 20.026 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	218842		
55	80.6	61.8	92.8	
98	46.8	36.9	55.3	

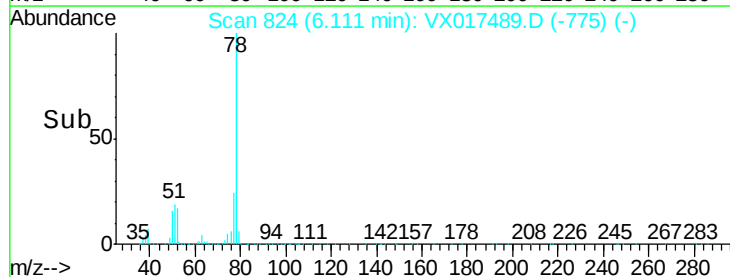
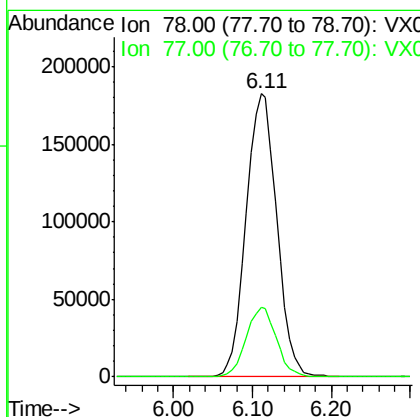
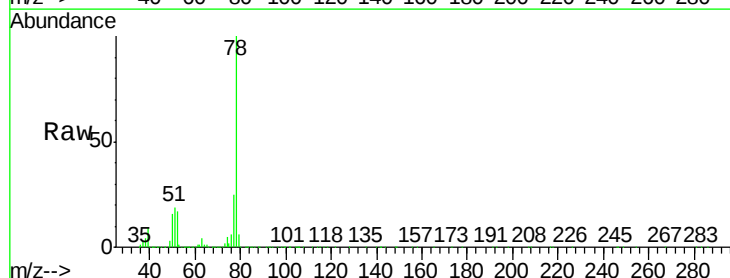
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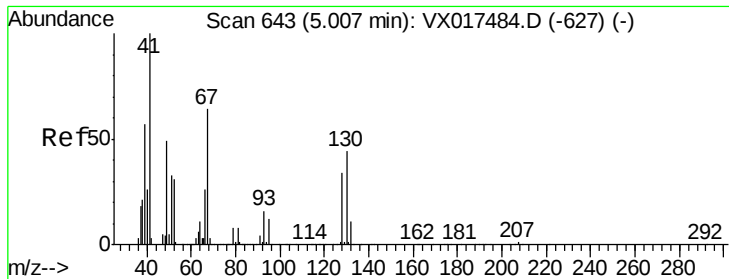
MMDadoda
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#40
Benzene
Concen: 18.435 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	494757		
77	24.5	19.4	29.2	





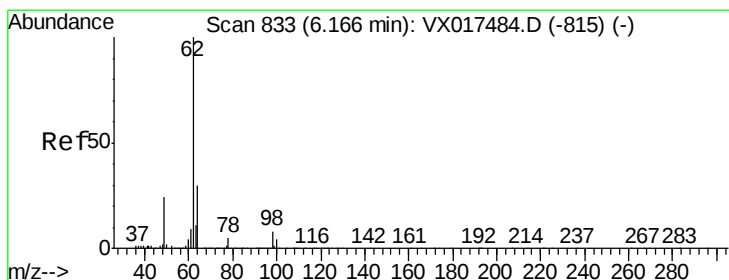
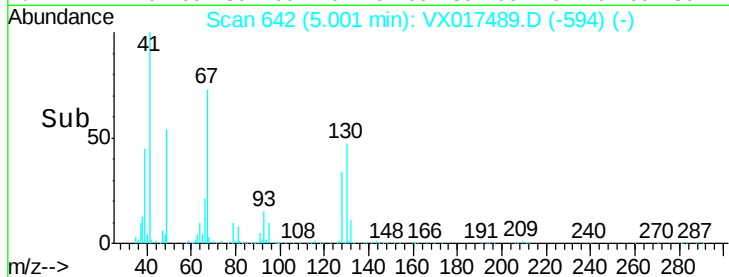
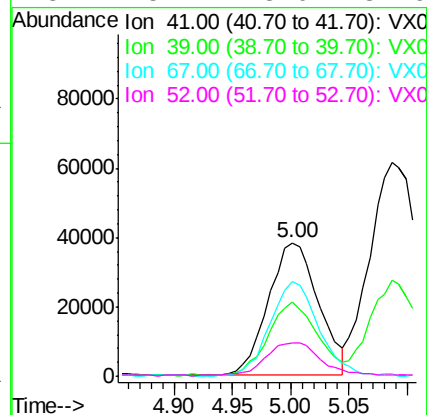
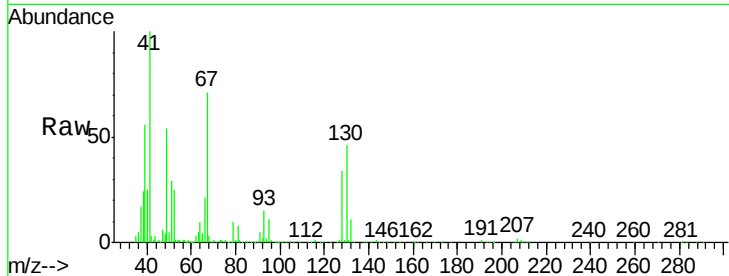
#41
Methacrylonitrile
Concen: 19.550 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	43.9	65.9	
67	69.7	54.0	81.0	
52	28.1	23.0	34.6	

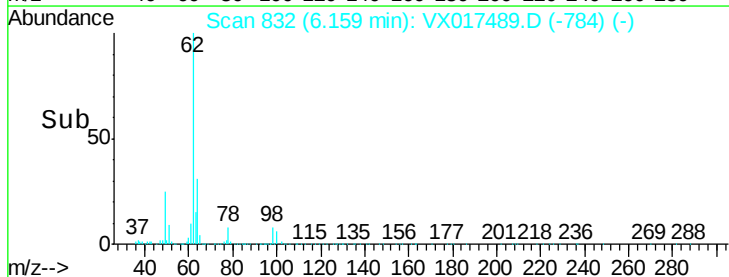
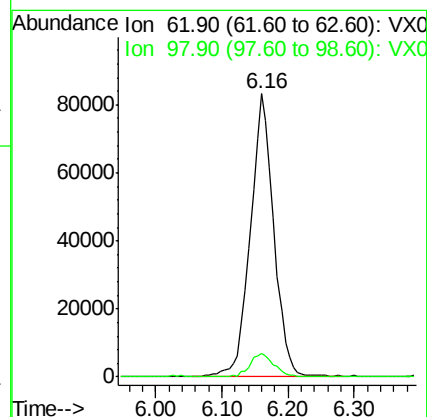
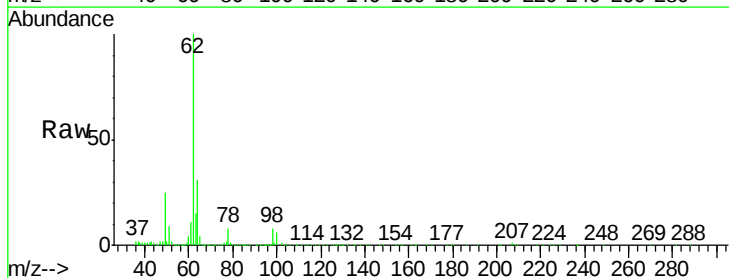
Manual Integrations
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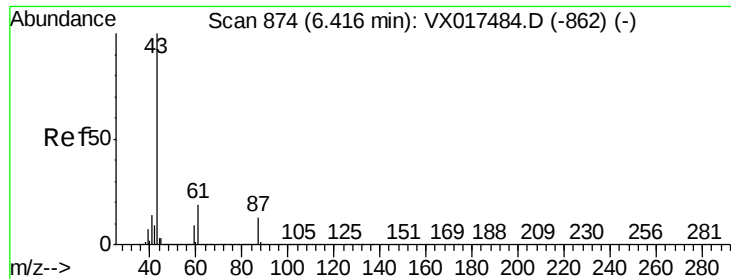
MMDadoda
7/24/2020 9:56:23 AM



#42
1,2-Dichloroethane
Concen: 18.807 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	16.0	





#43

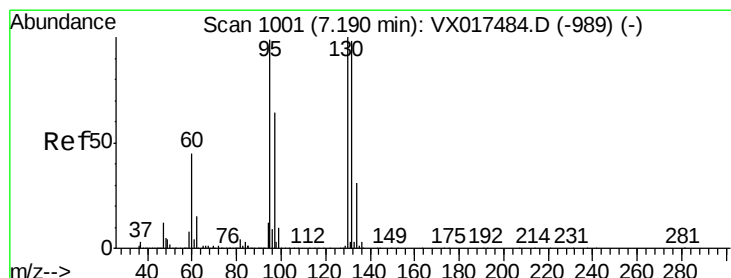
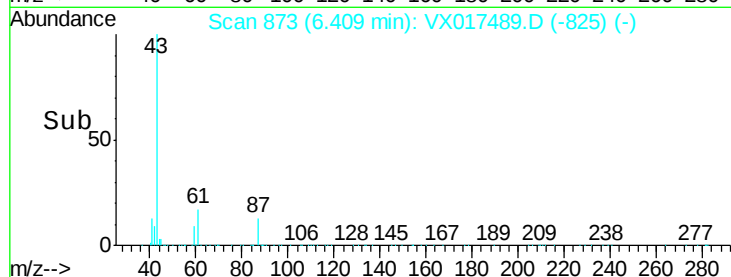
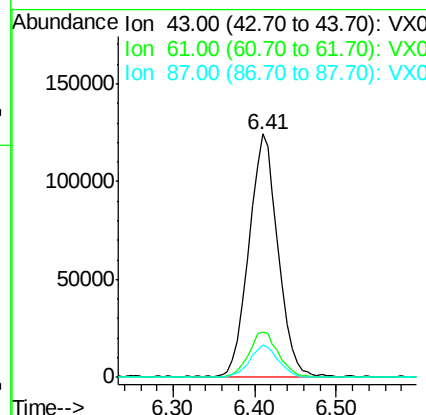
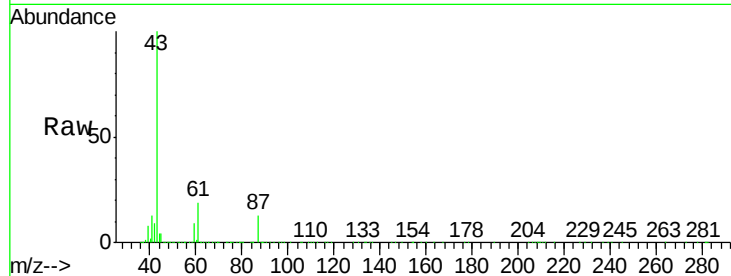
Isopropyl Acetate
 Concen: 18.189 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.5	23.3
87	13.3	10.5	15.7

Manual Integrations
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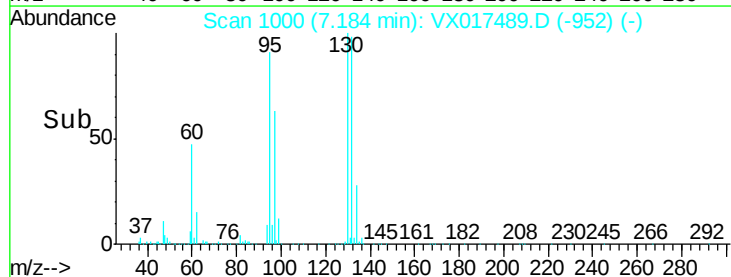
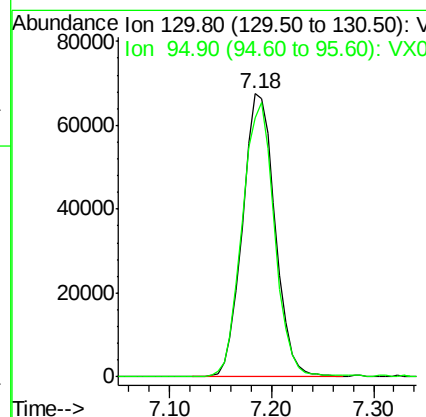
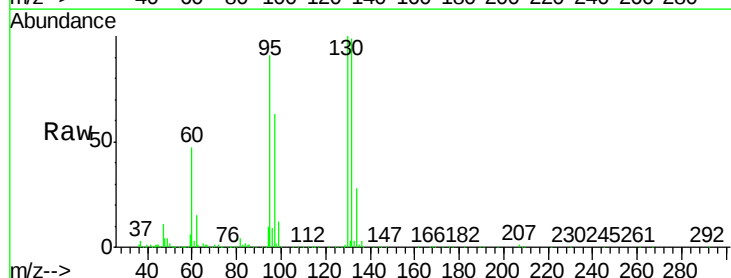
MMDadoda
 7/24/2020 9:56:23 AM

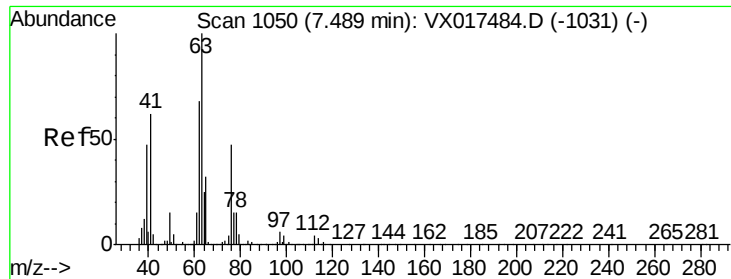


#44

Trichloroethene
 Concen: 19.059 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	189.0





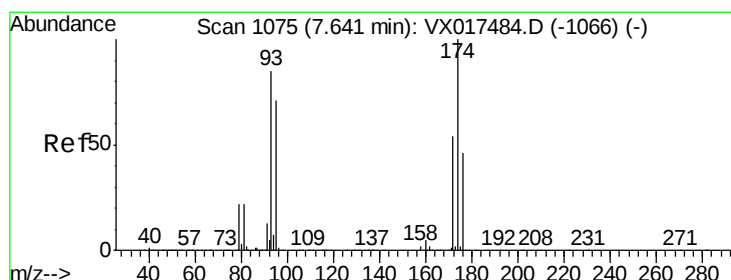
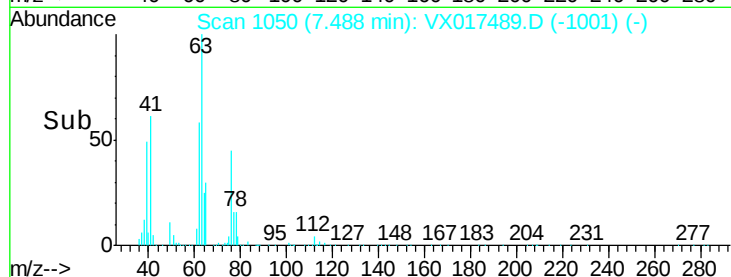
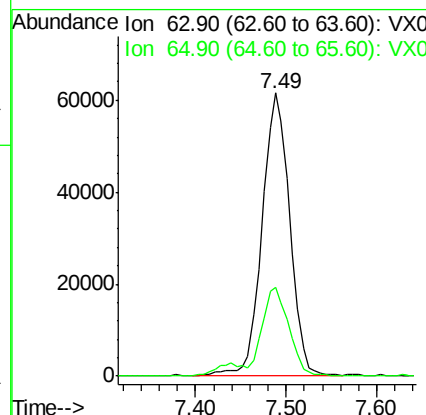
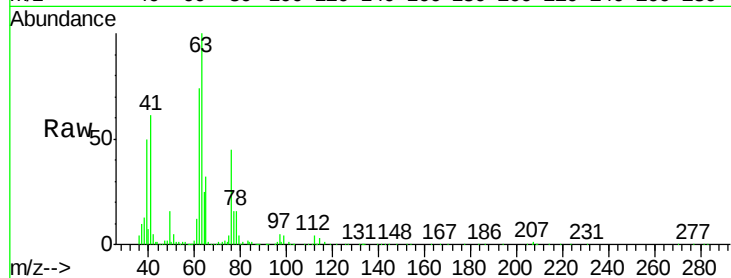
#45
 1,2-Dichloropropane
 Concen: 17.321 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.5	36.7

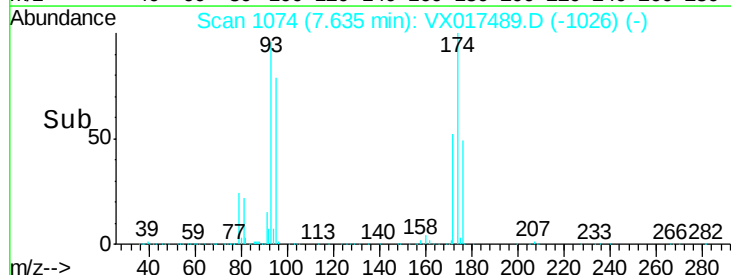
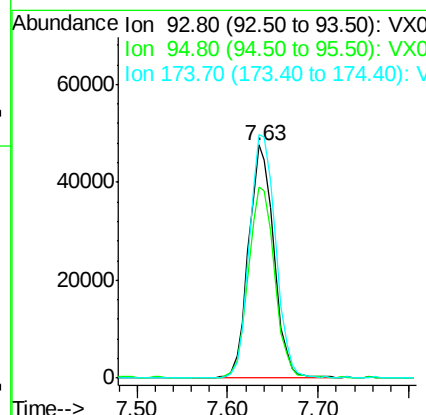
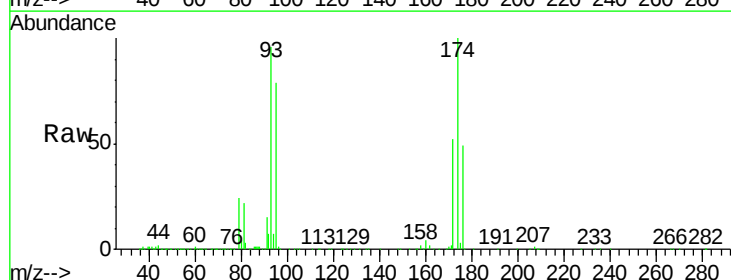
Manual Integrations
 APPROVED

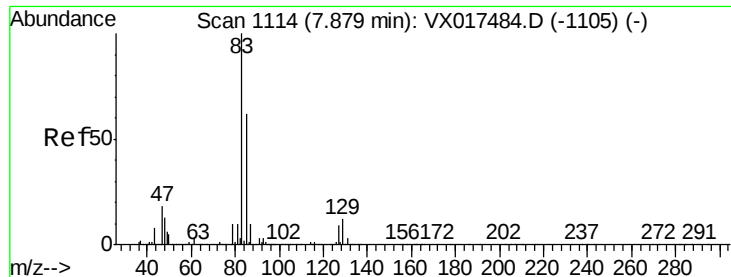
MMDadoda
 7/24/2020 9:56:23 AM



#46
 Dibromomethane
 Concen: 17.474 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.2	66.6	99.8
174	108.3	87.0	130.6





#47

Bromodichloromethane

Concen: 17.967 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

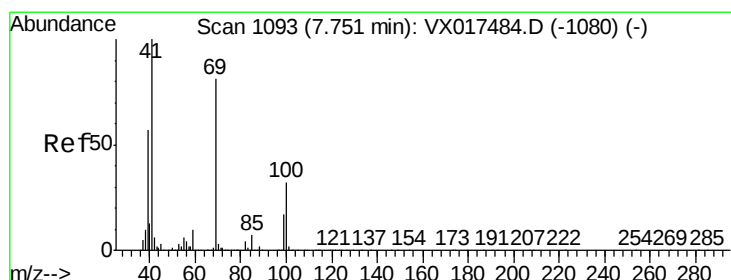
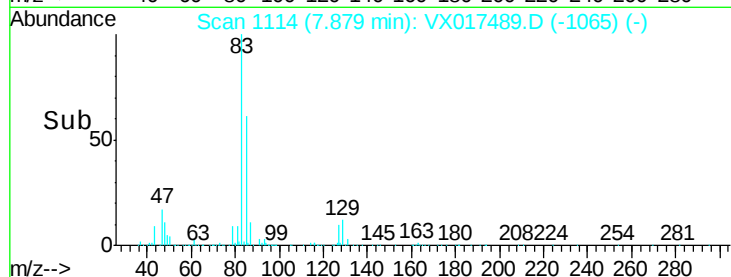
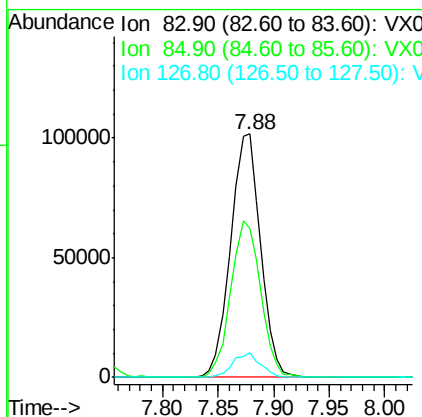
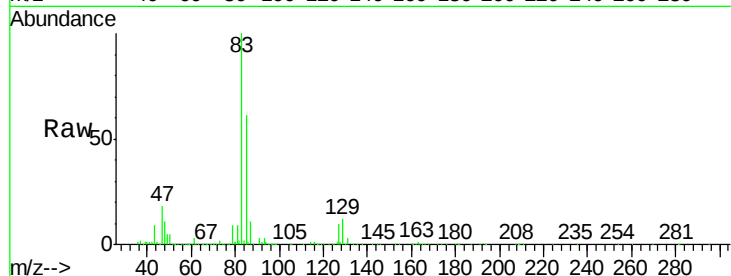
ClientSampleId :

VX0723WBS01

Tot Ion:	83	Resp:	190083
Ion Ratio	Lower	Upper	
83	100		
85	61.1	51.8	77.8
127	10.1	7.4	11.2

Manual Integrations
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MMDadoda
7/24/2020 9:56:23 AM



#48

Methyl methacrylate

Concen: 17.683 ug/l

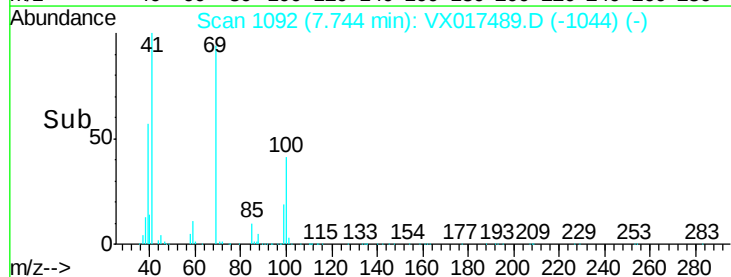
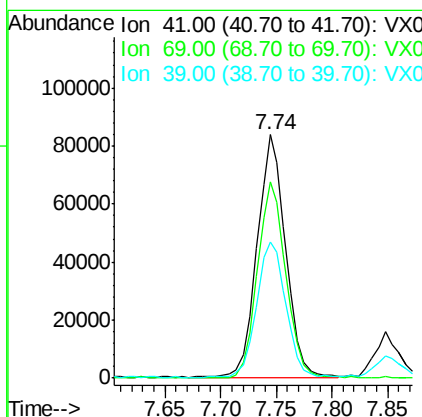
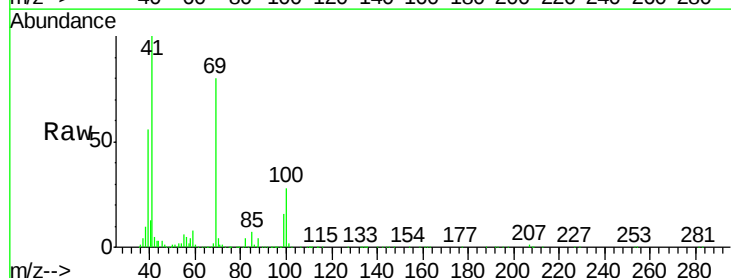
RT: 7.74 min Scan# 1092

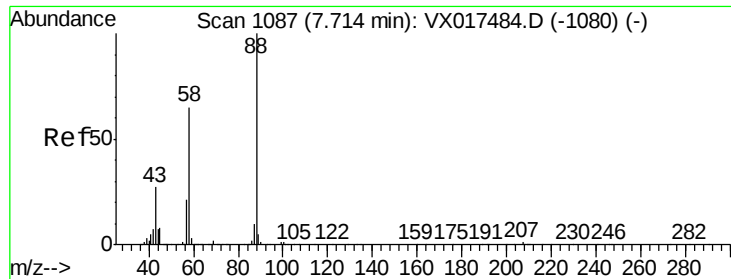
Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Tgt Ion:	41	Resp:	148130
Ion Ratio	Lower	Upper	
41	100		
69	81.3	63.1	94.7
39	57.9	45.1	67.7





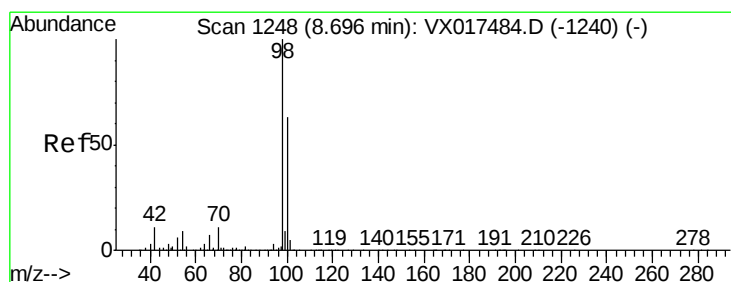
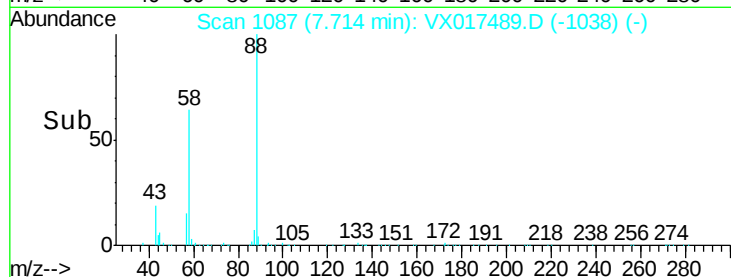
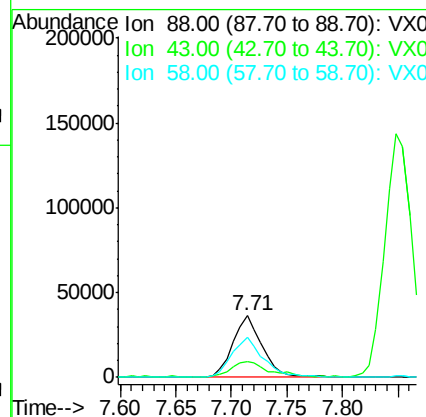
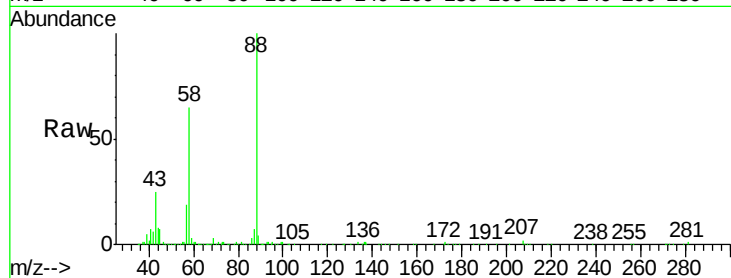
#49
1,4-Dioxane
Concen: 414.423 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	27.8	41.6
58	70.0	58.3	87.5

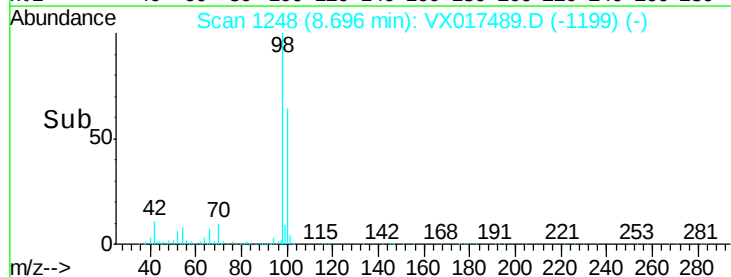
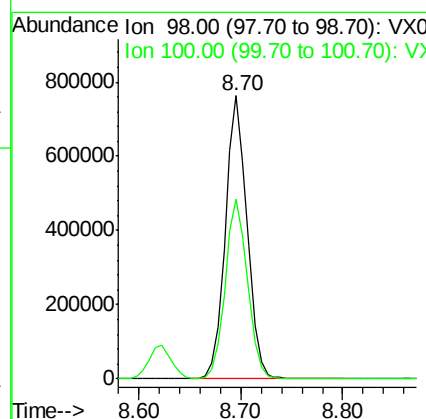
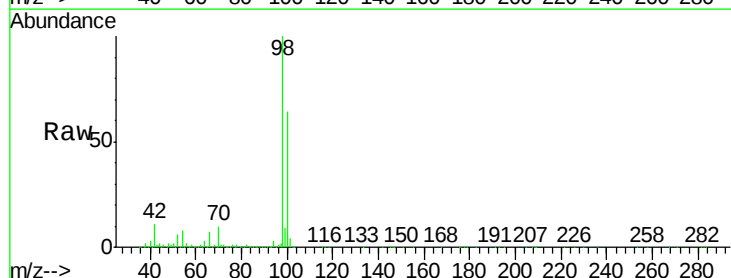
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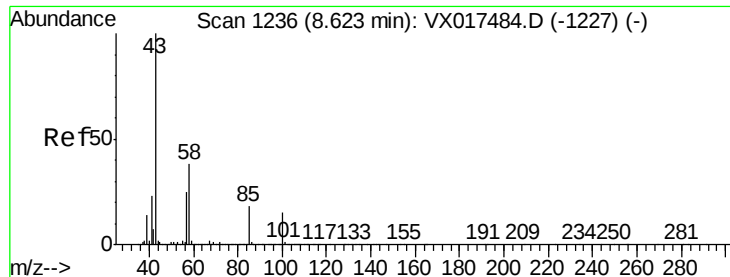
MMDadoda
7/24/2020 9:56:23 AM



#50
Toluene-d8
Concen: 47.987 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 88.935 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 43 Resp: 896757

Ion Ratio Lower Upper

43 100

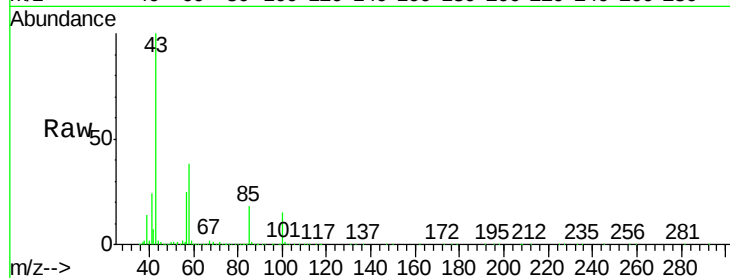
58 38.2 31.0 46.4

Manual Integrations

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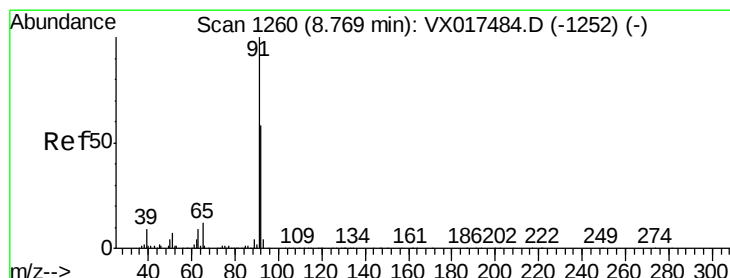
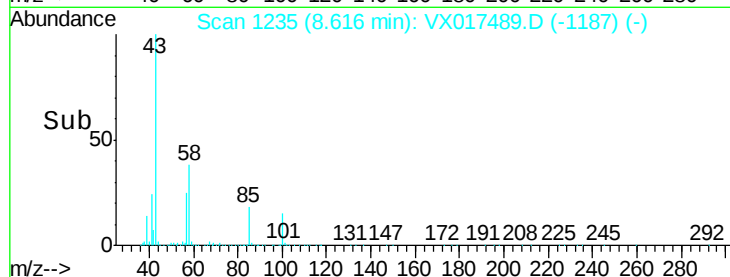
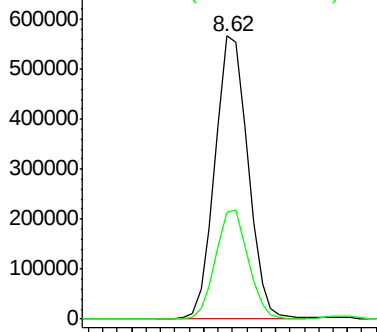
MMDadoda

7/24/2020 9:56:23 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.890 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017489.D

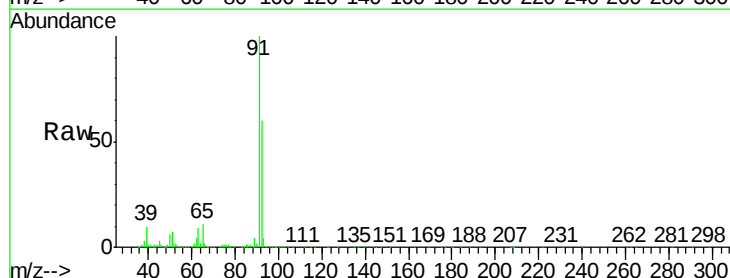
Acq: 23 Jul 2020 14:01

Tgt Ion: 92 Resp: 307922

Ion Ratio Lower Upper

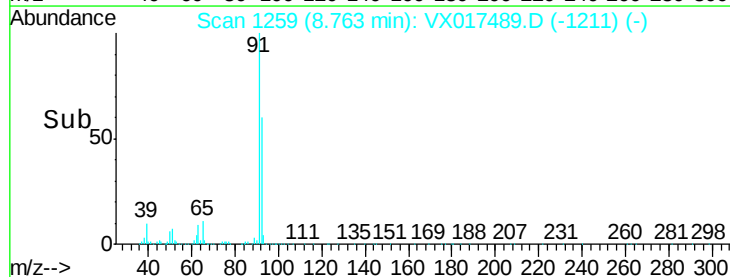
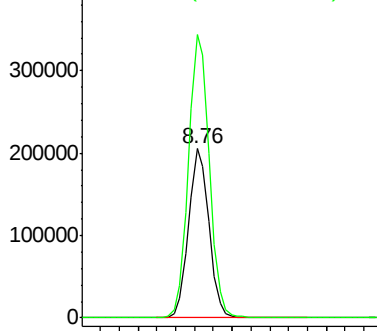
92 100

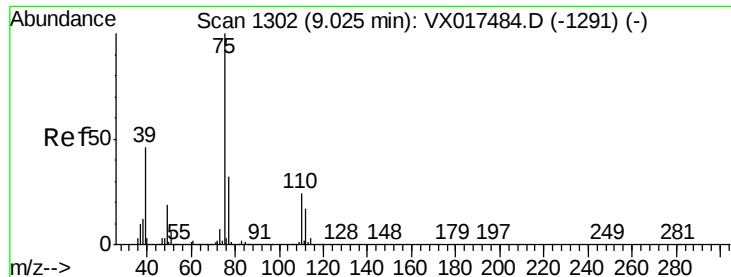
91 170.9 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





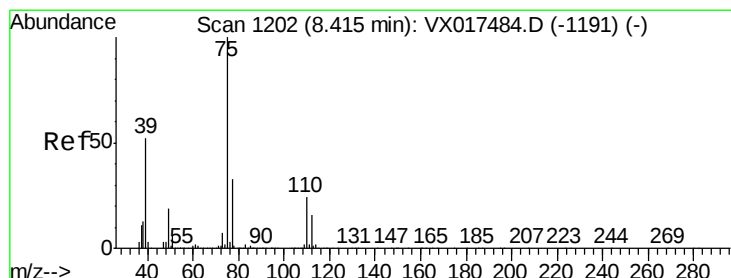
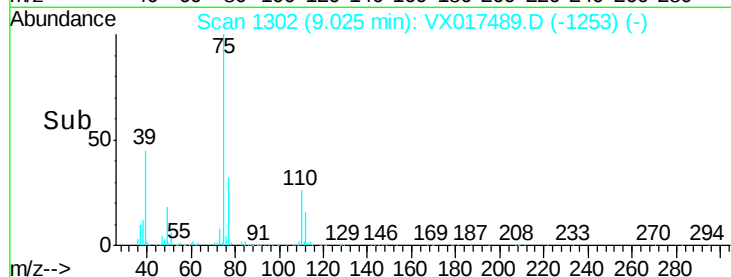
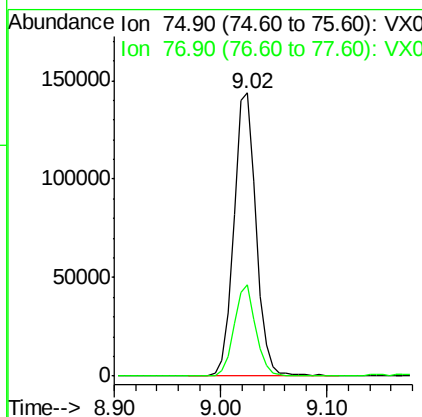
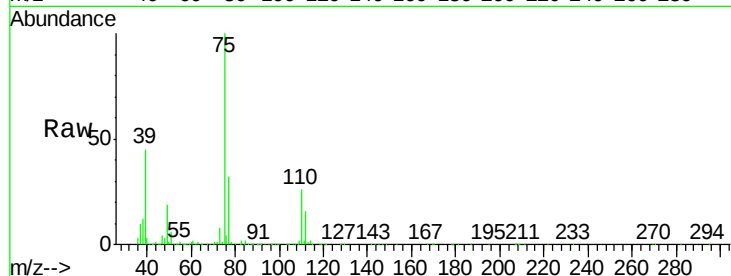
#53
t-1,3-Dichloropropene
Concen: 17.717 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.5	38.3

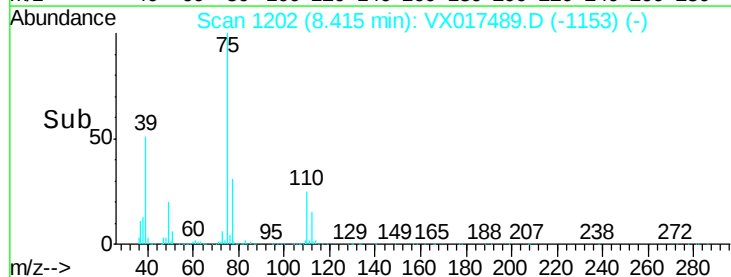
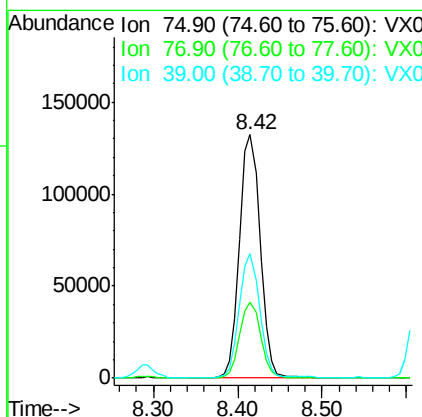
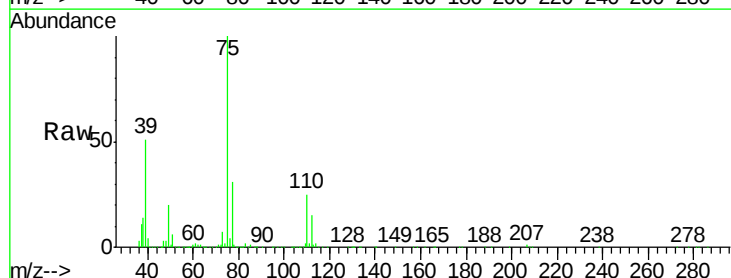
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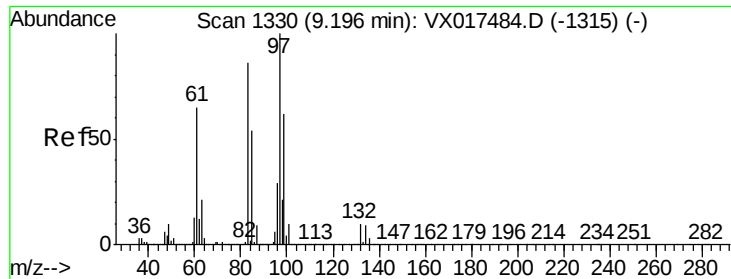
MMDadoda
7/24/2020 9:56:23 AM



#54
cis-1,3-Dichloropropene
Concen: 18.151 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.5	38.3
39	50.8	41.8	62.8





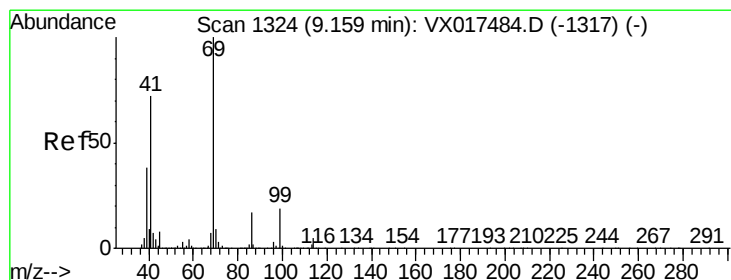
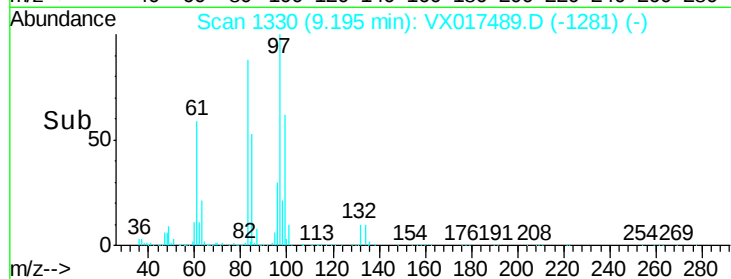
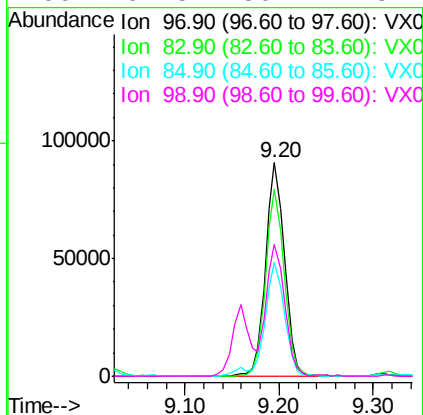
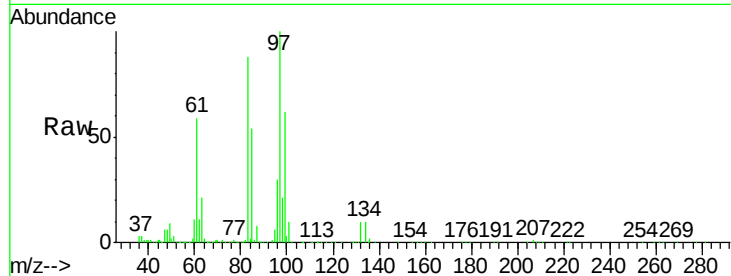
#55
 1,1,2-Trichloroethane
 Concen: 18.183 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		130373		
83	87.7	67.6	101.4		
85	53.6	44.6	67.0		
99	61.5	50.2	75.4		

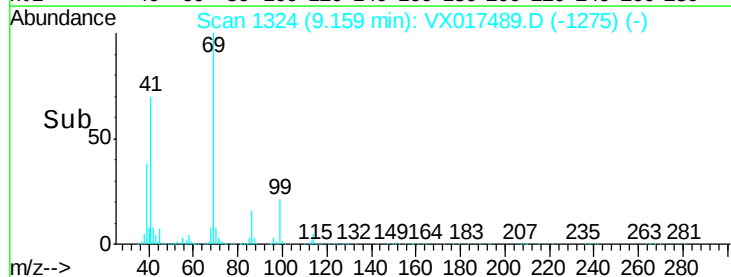
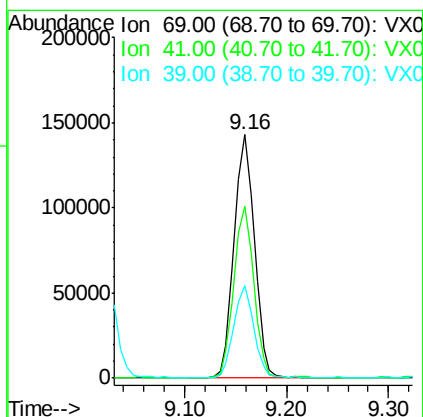
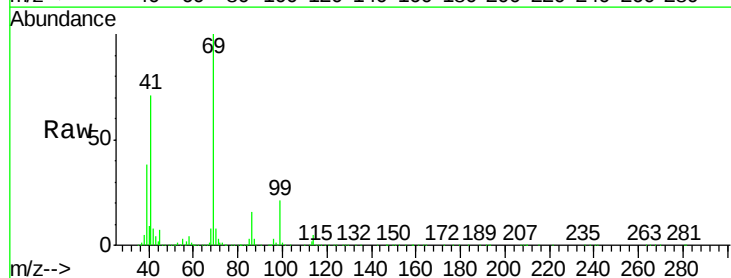
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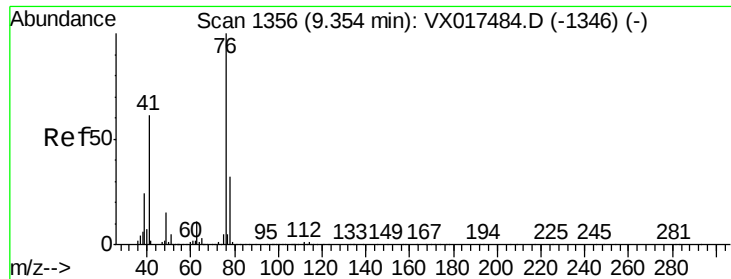
MMDadoda
 7/24/2020 9:56:23 AM



#56
 Ethyl methacrylate
 Concen: 18.288 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		197552		
41	68.3	55.0	82.6		
39	37.0	30.0	45.0		





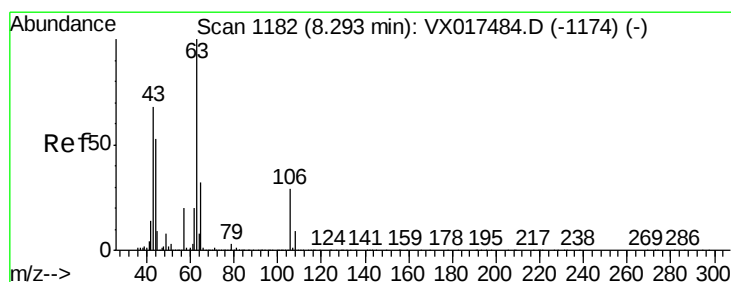
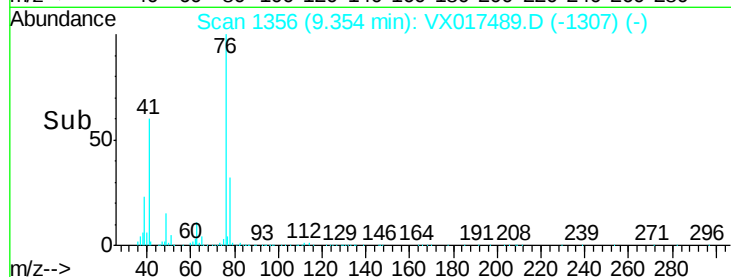
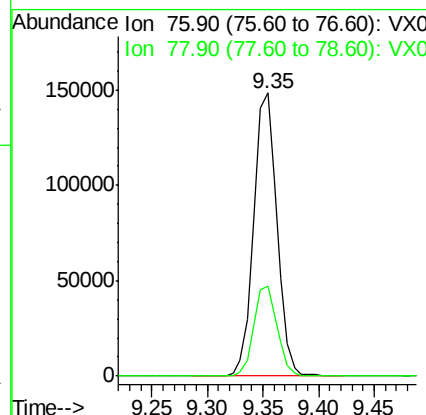
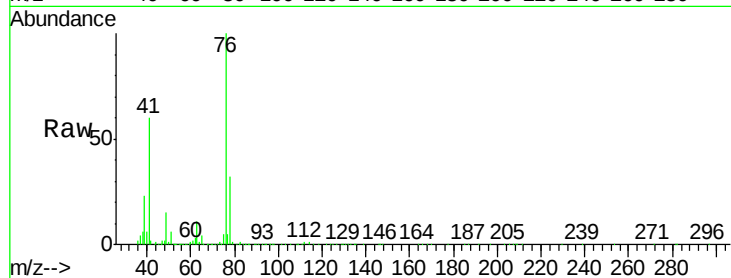
#57
 1,3-Dichloropropane
 Concen: 18.324 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Tot Ion: 76 Resp: 216342
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8

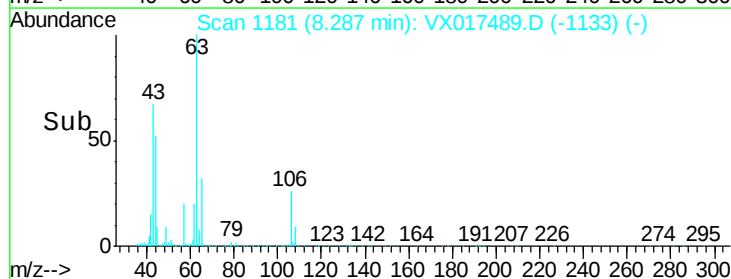
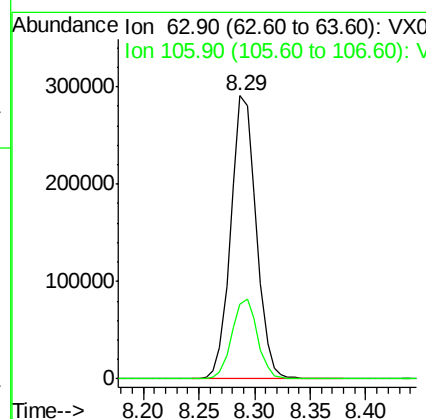
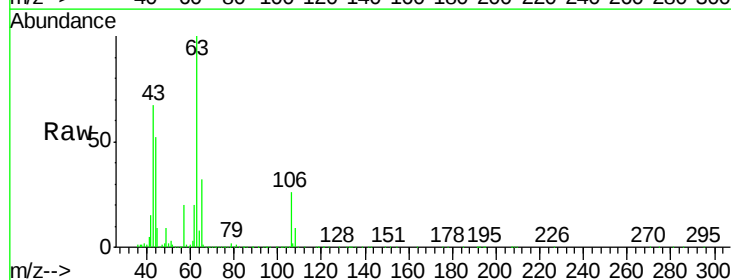
Manual Integrations
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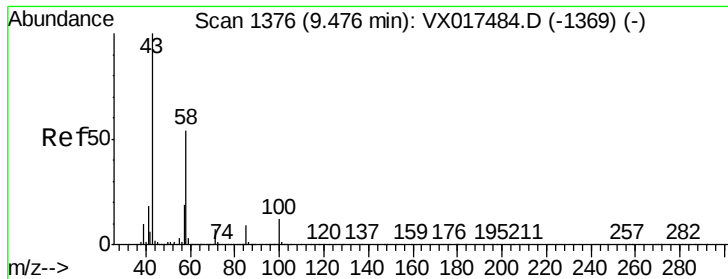
MMDadoda
 7/24/2020 9:56:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 80.637 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Tgt Ion: 63 Resp: 458910
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.6 34.0





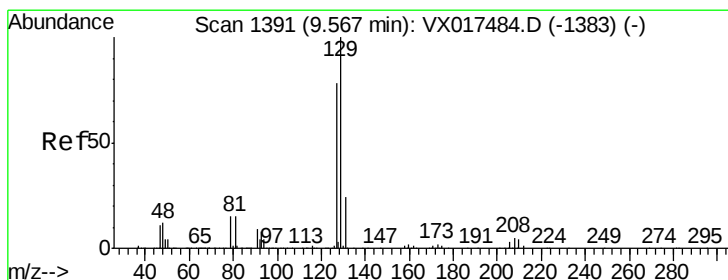
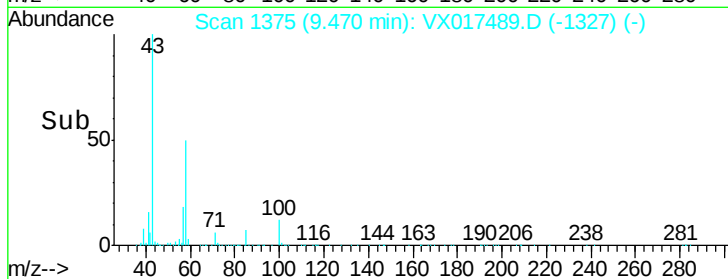
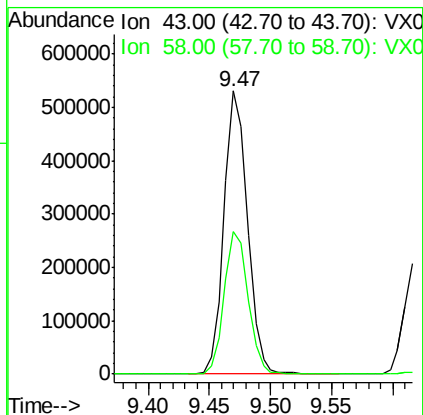
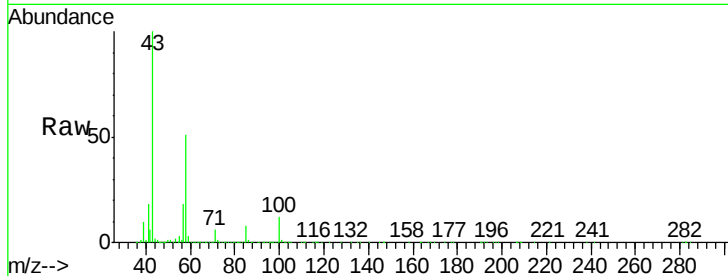
#59
2-Hexanone
Concen: 93.010 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.4	26.6	79.8

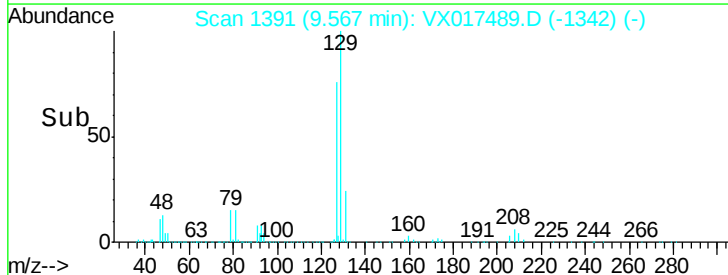
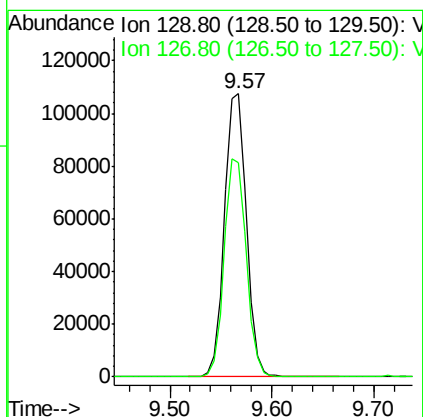
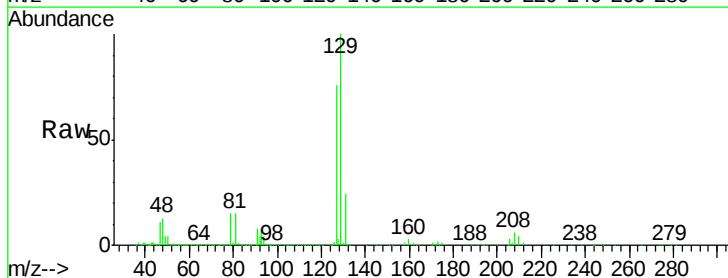
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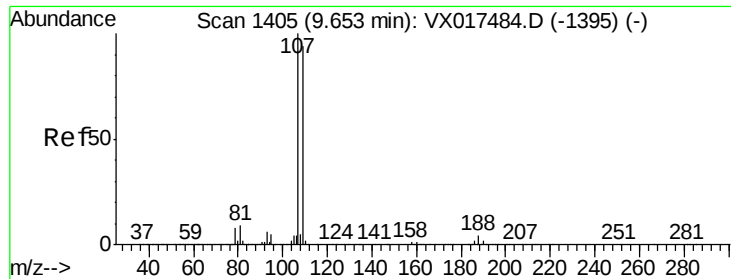
MMDadoda
7/24/2020 9:56:23 AM



#60
Dibromochloromethane
Concen: 17.581 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.4	115.1





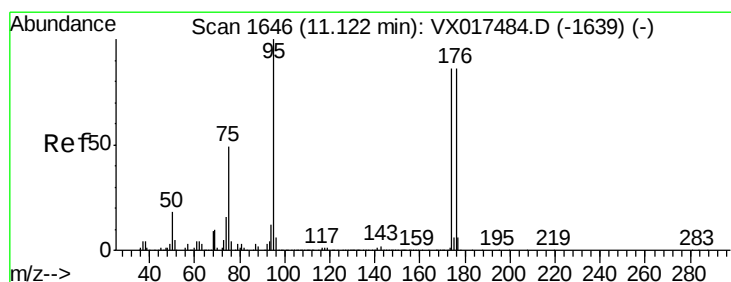
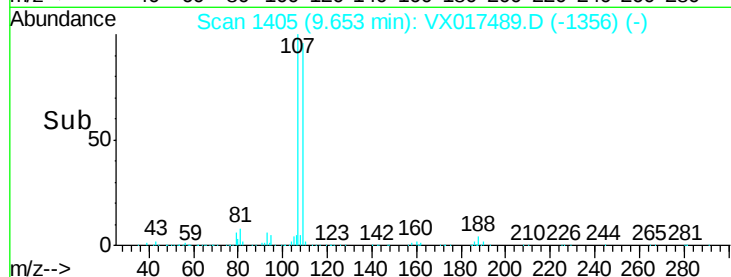
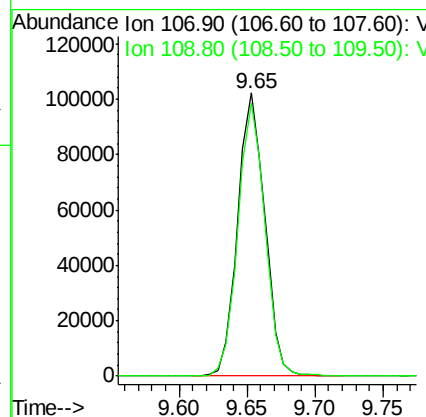
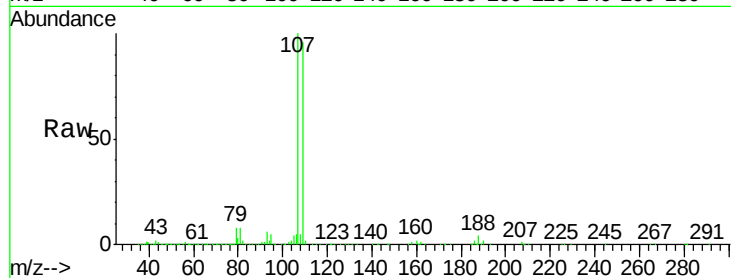
#61
 1,2-Dibromoethane
 Concen: 18.638 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.3	74.9	112.3

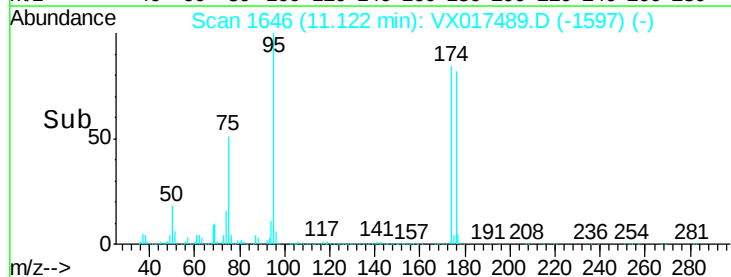
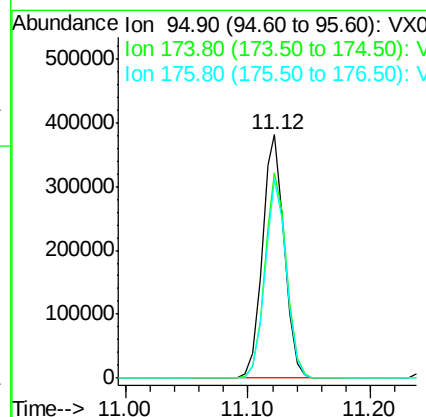
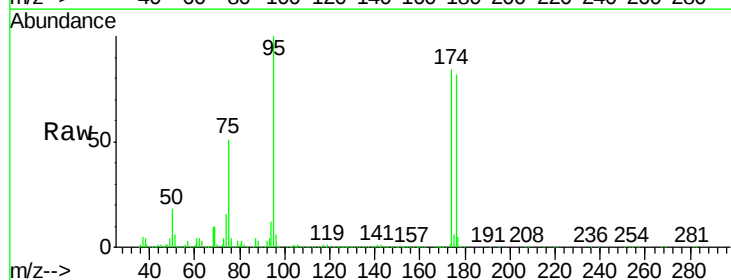
Manual Integrations
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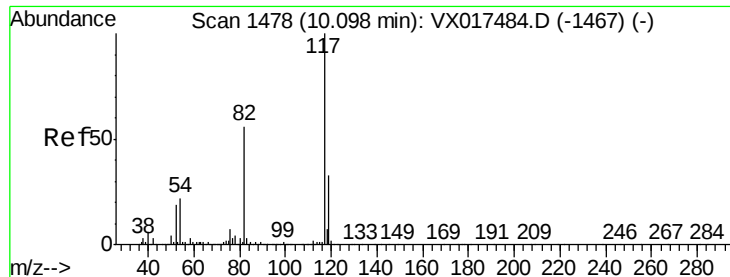
MMDadoda
 7/24/2020 9:56:23 AM



#62
 4-Bromofluorobenzene
 Concen: 50.500 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	169.0
176	79.4	0.0	161.0





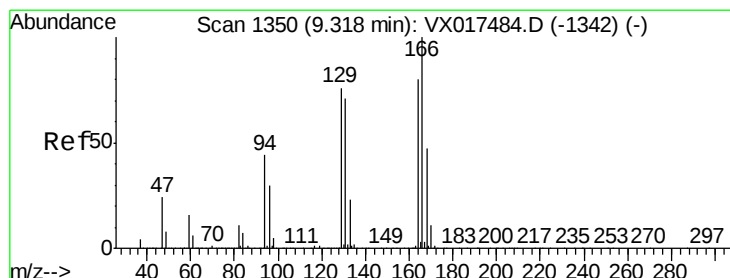
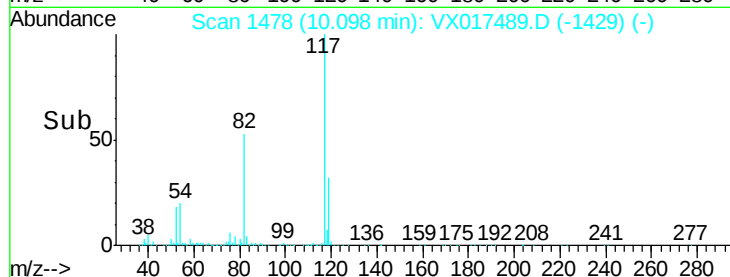
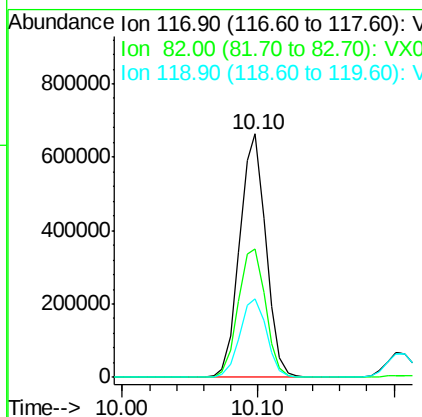
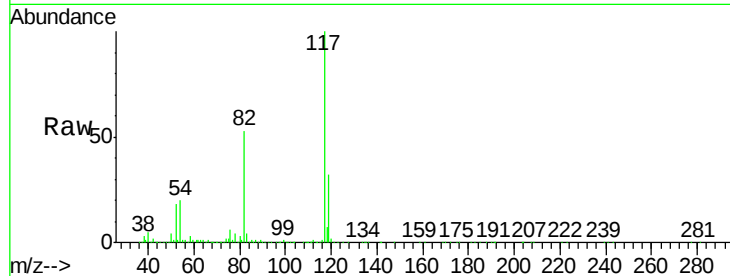
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	890442		
82	53.0		44.0	66.0
119	32.2		25.4	38.0

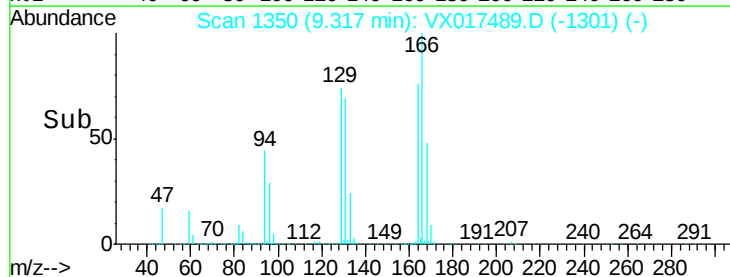
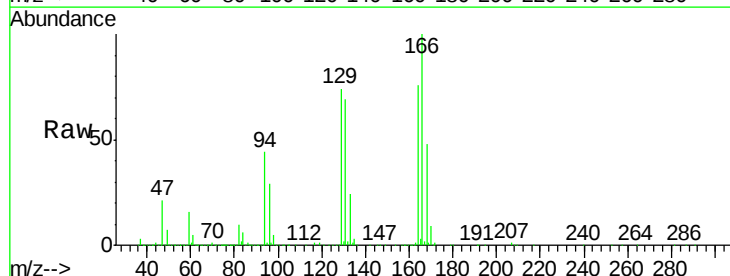
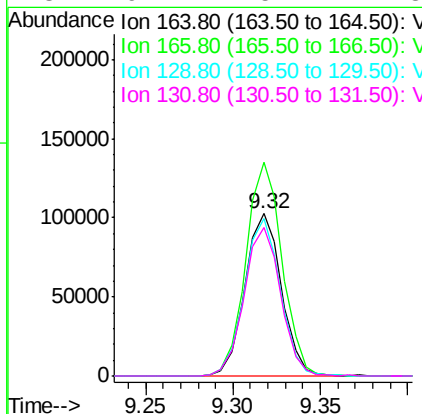
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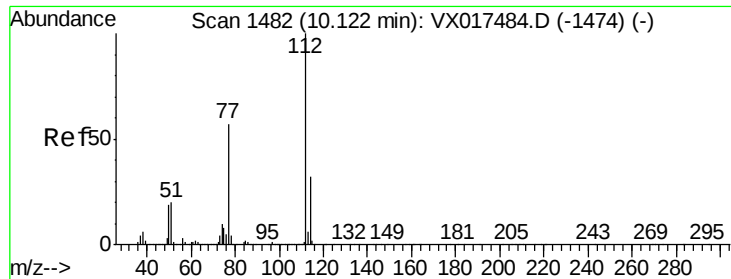
MMDadoda
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#64
Tetrachloroethene
Concen: 18.669 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	149199		
166	131.4		100.6	150.8
129	96.8		75.0	112.6
131	91.1		75.2	112.8





#65

Chlorobenzene

Concen: 18.391 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion:112 Resp: 354467

Ion Ratio Lower Upper

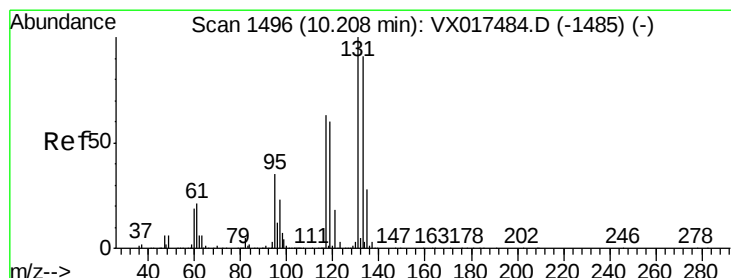
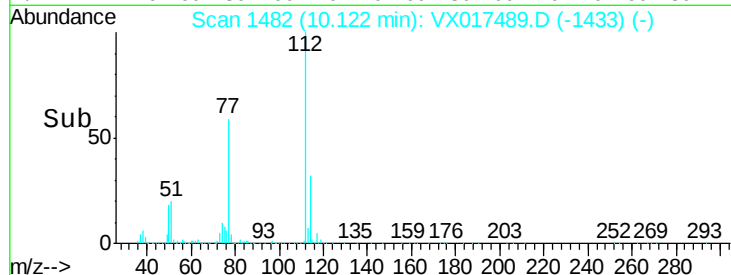
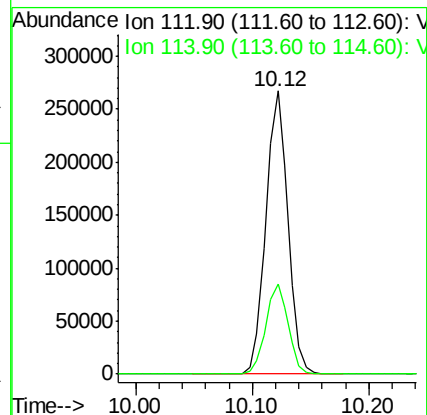
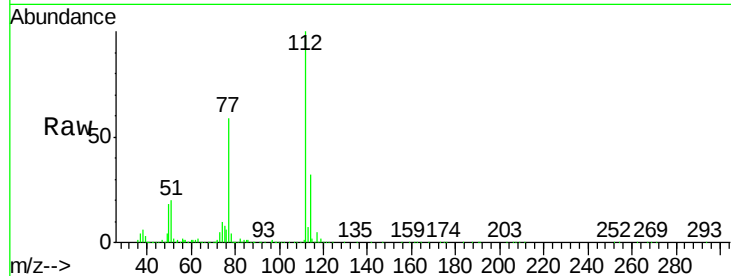
112 100

114 32.0 25.7 38.5

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#66

1,1,1,2-Tetrachloroethane

Concen: 18.653 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

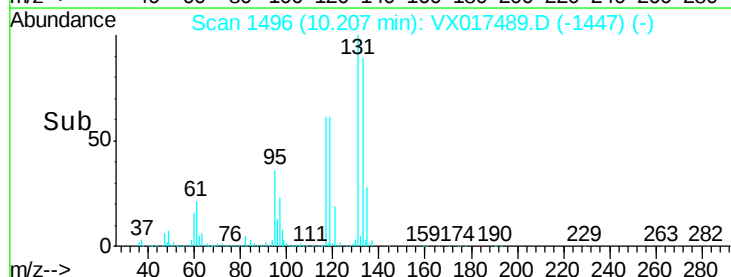
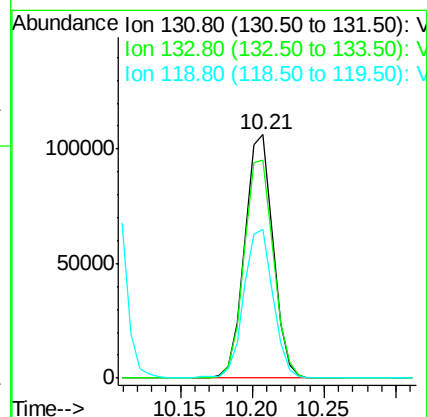
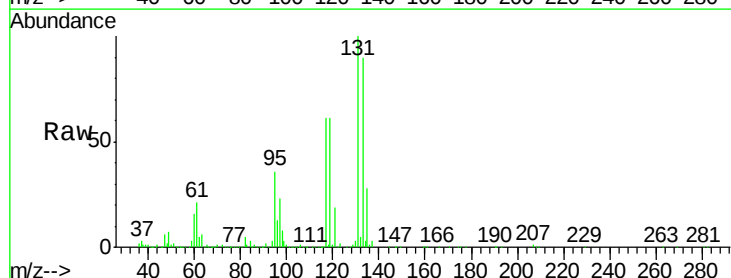
Tgt Ion:131 Resp: 145098

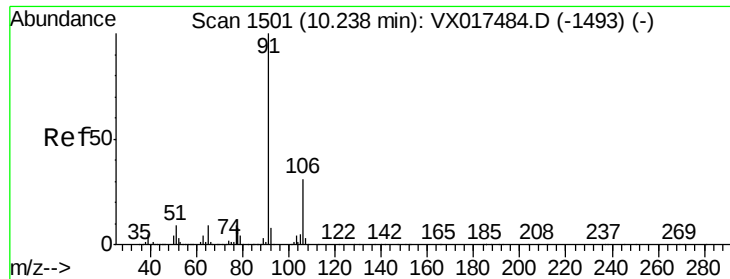
Ion Ratio Lower Upper

131 100

133 93.1 47.9 143.6

119 62.7 31.1 93.3





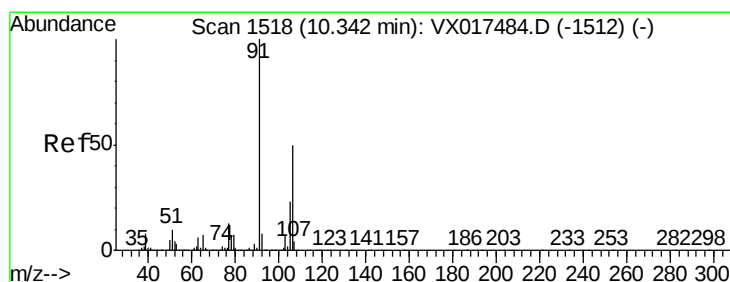
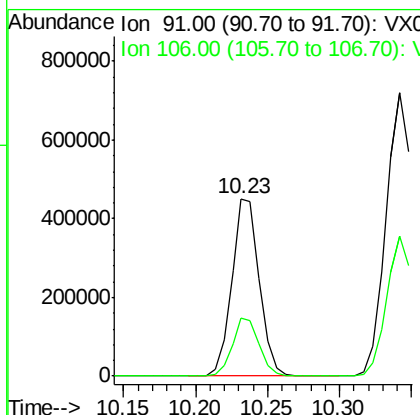
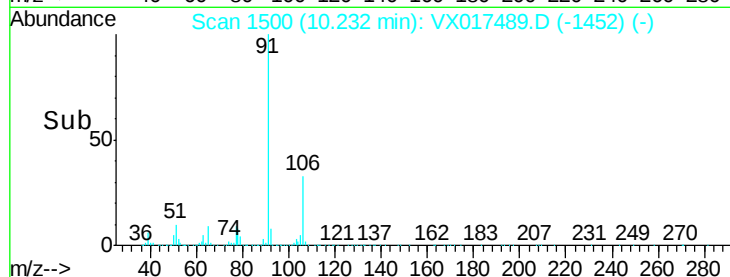
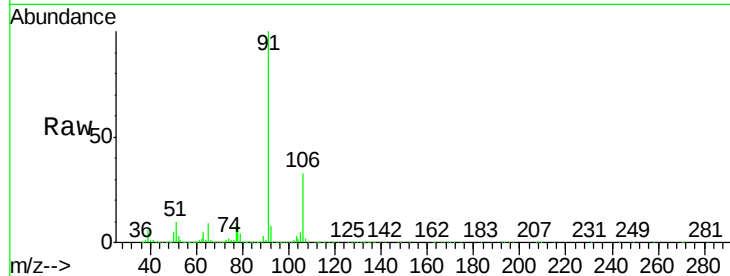
#67
Ethyl Benzene
Concen: 18.635 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion: 91 Resp: 599547
Ion Ratio Lower Upper
91 100
106 33.1 25.8 38.6

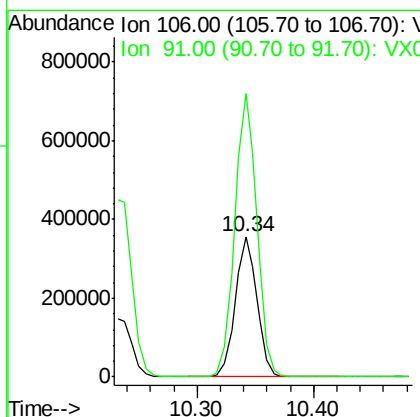
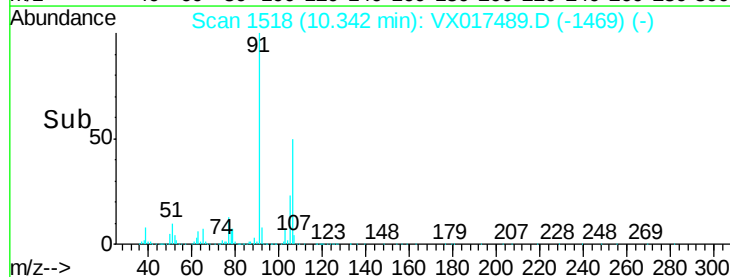
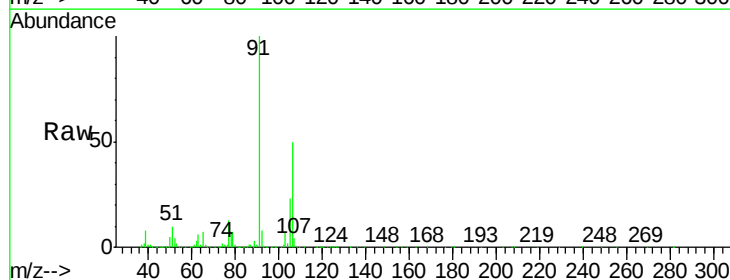
Manual Integrations
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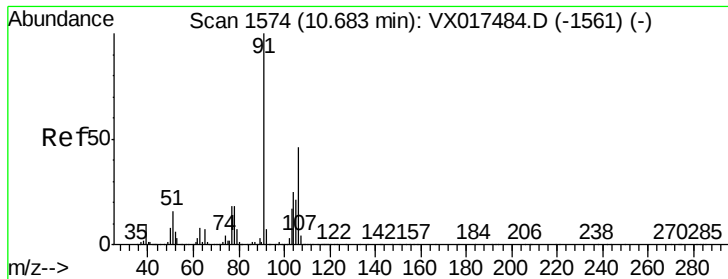
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#68
m/p-Xylenes
Concen: 36.917 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion: 106 Resp: 460125
Ion Ratio Lower Upper
106 100
91 205.6 160.9 241.3





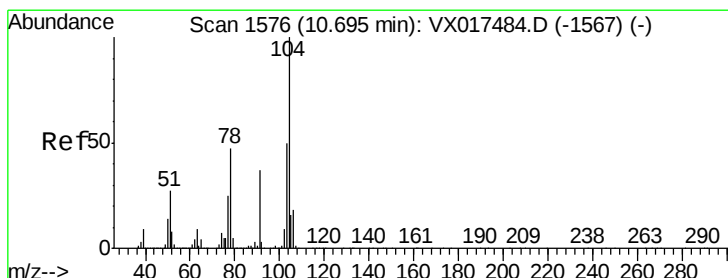
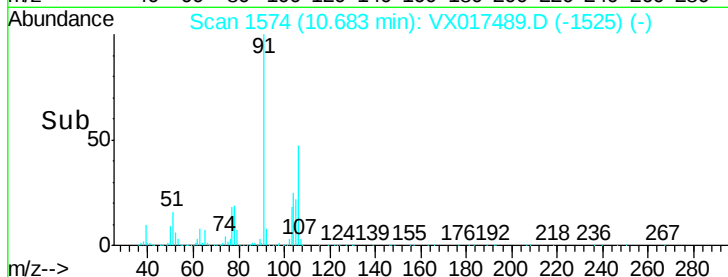
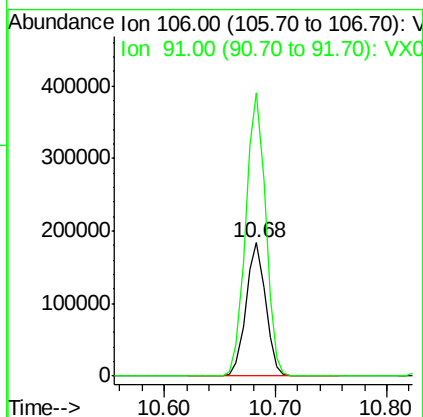
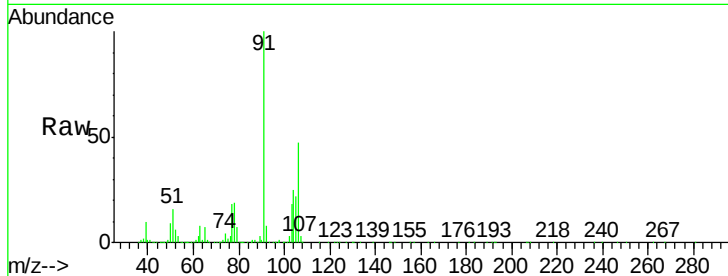
#69
o-Xylene
Concen: 18.669 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.6	108.2	324.6

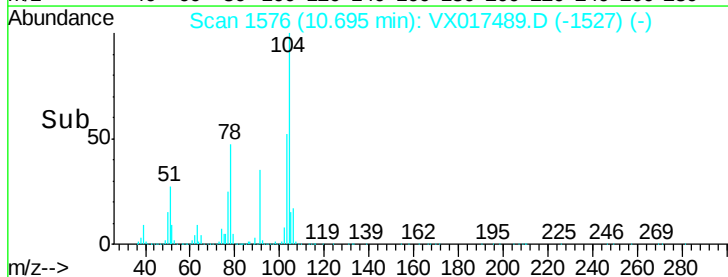
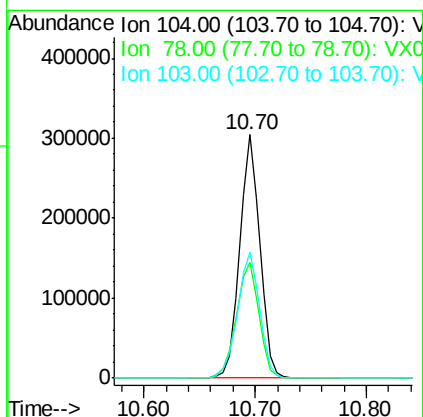
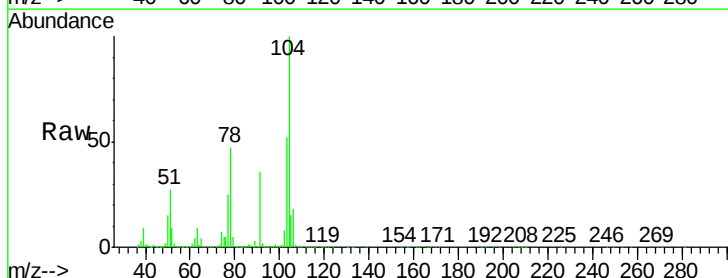
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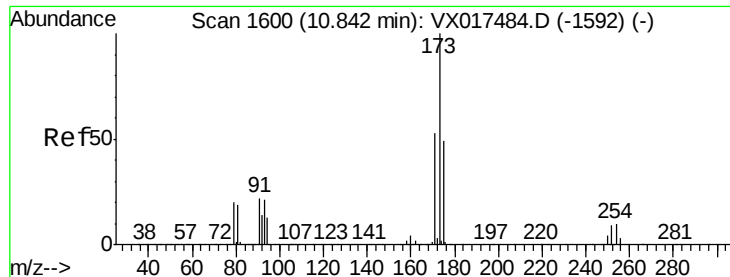
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#70
Styrene
Concen: 18.703 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.2	42.5	63.7
103	57.0	44.3	66.5





#71

Bromoform

Concen: 18.267 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

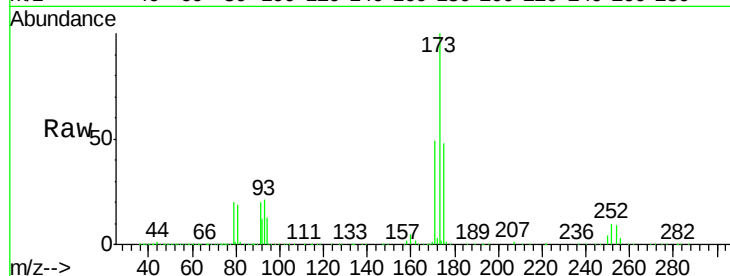
ClientSampleId :

VX0723WBS01

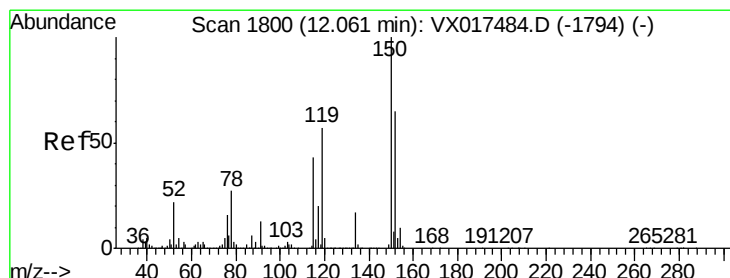
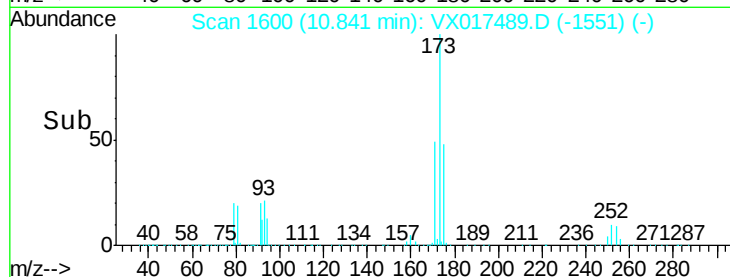
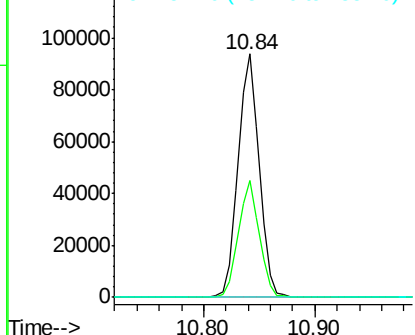
Tot Ion:	173	Resp:	123104
Ion Ratio	Lower	Upper	
173	100		
175	47.4	23.8	71.5
254	0.1	0.1	0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

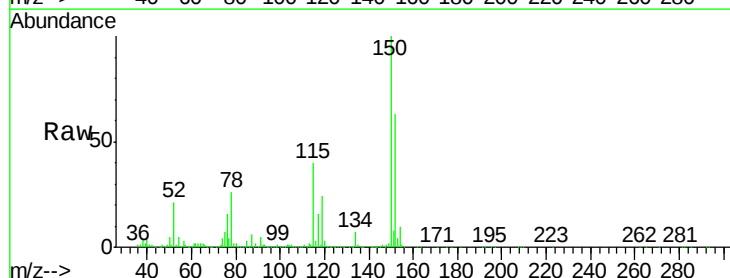
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

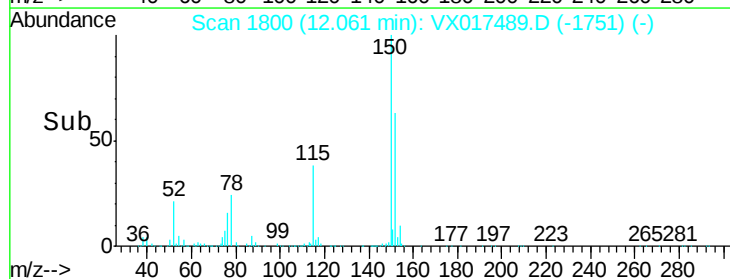
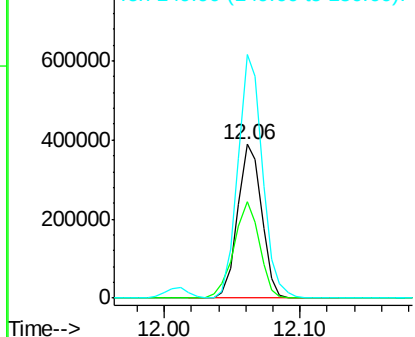
Lab File: VX017489.D

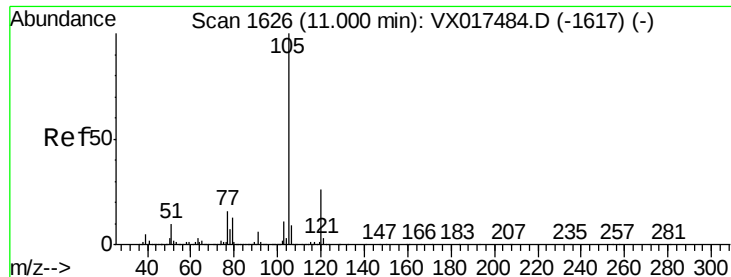
Acq: 23 Jul 2020 14:01

Tgt Ion:	152	Resp:	476571
Ion Ratio	Lower	Upper	
152	100		
115	67.2	65.5	196.6
150	162.1	0.0	412.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.063 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion:105 Resp: 623227

Ion Ratio Lower Upper

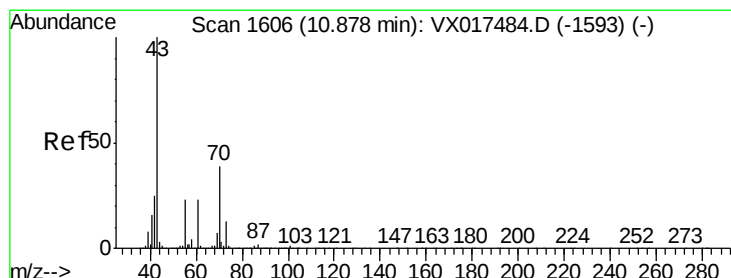
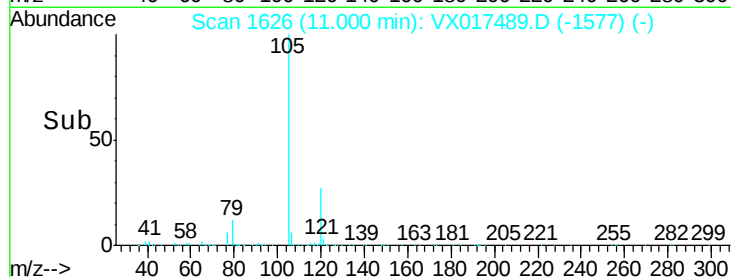
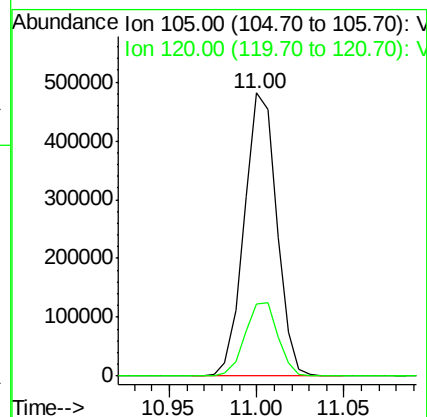
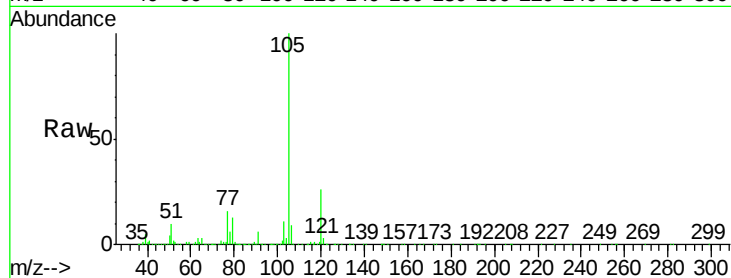
105 100

120 26.5 13.3 39.8

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#74

N-ethyl acetate

Concen: 18.927 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Tgt Ion: 43 Resp: 274934

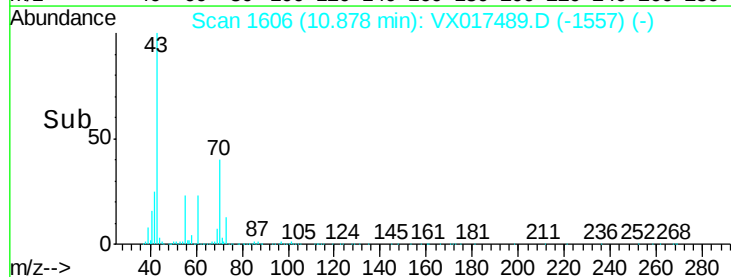
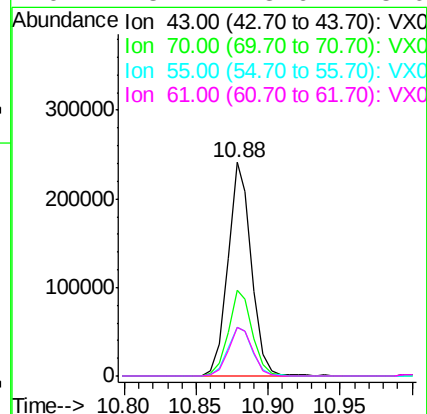
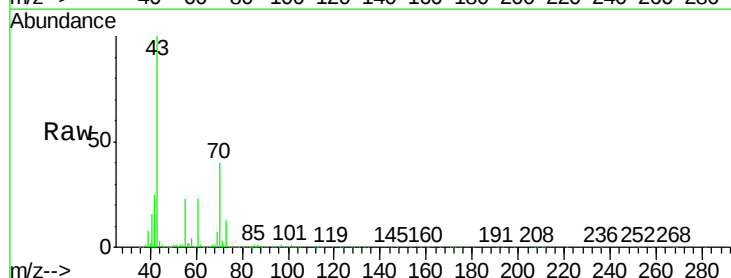
Ion Ratio Lower Upper

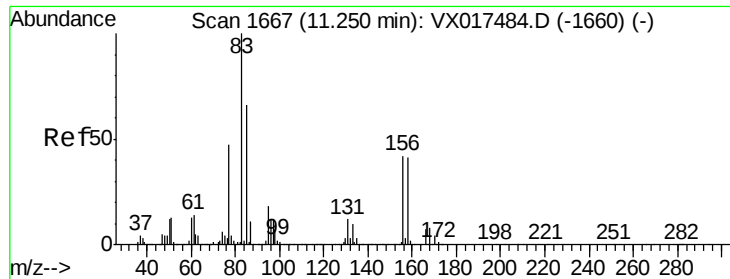
43 100

70 41.3 32.3 48.5

55 24.5 18.4 27.6

61 23.7 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.527 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

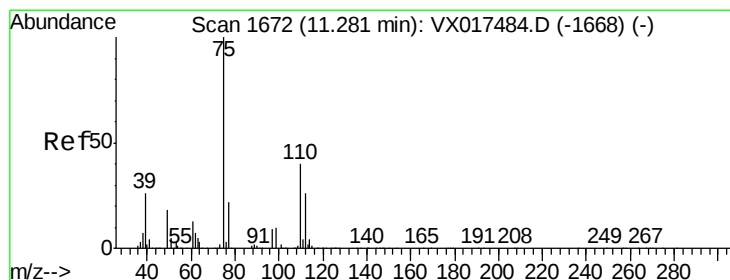
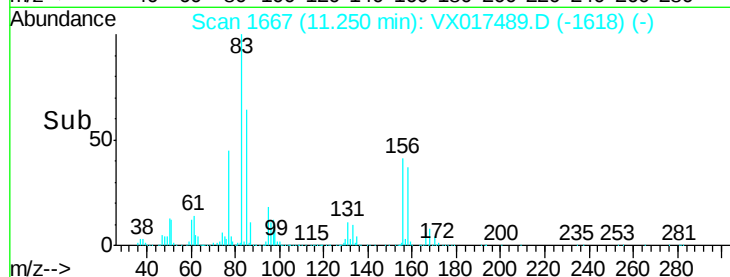
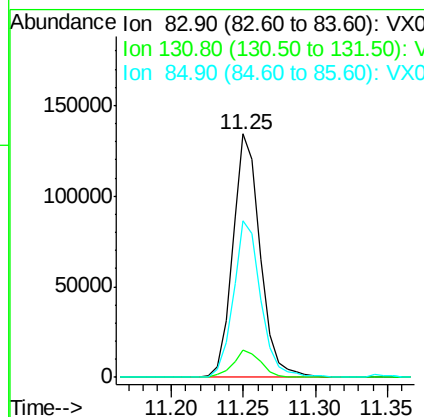
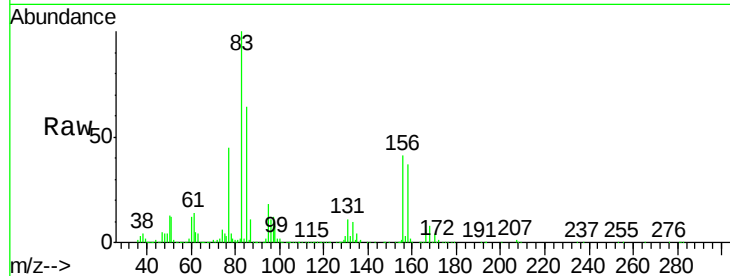
ClientSampleId :

VX0723WBS01

Tot Ion:	83	Resp:	178855
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.5
85	64.6	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.376 ug/l m

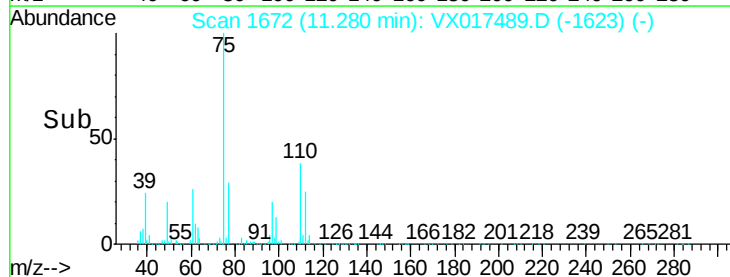
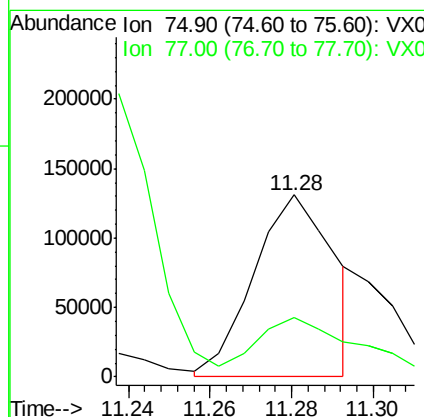
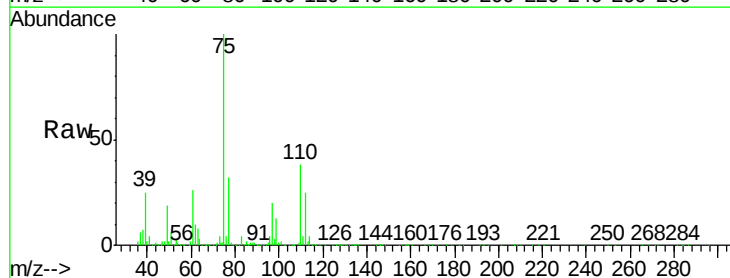
RT: 11.28 min Scan# 1672

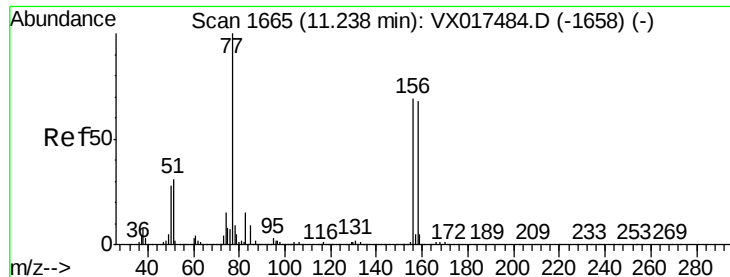
Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Tgt Ion:	75	Resp:	180145
Ion Ratio	Lower	Upper	
75	100		
77	40.6	21.8	65.3





#77

Bromobenzene

Concen: 18.282 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

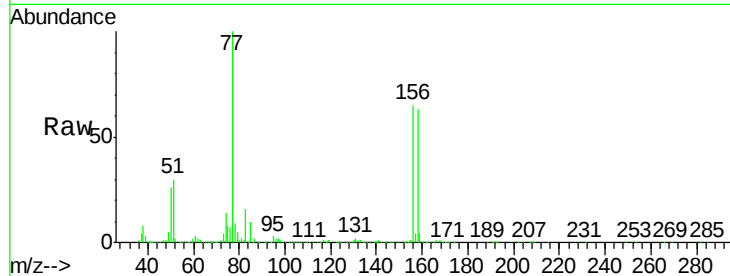
ClientSampleId :

VX0723WBS01

Tot Ion:	156	Resp:	167333
Ion Ratio	Lower	Upper	
156	100		
77	154.0	75.0	225.0
158	97.3	49.1	147.3

Manual Integrations
APPROVED

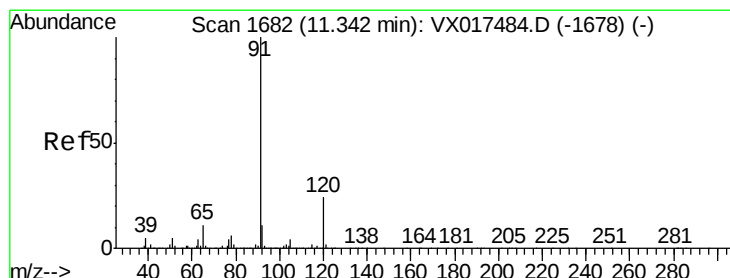
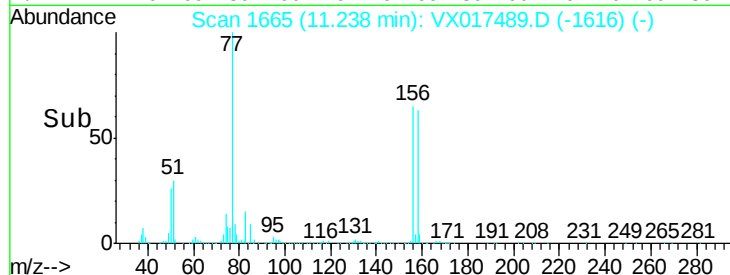
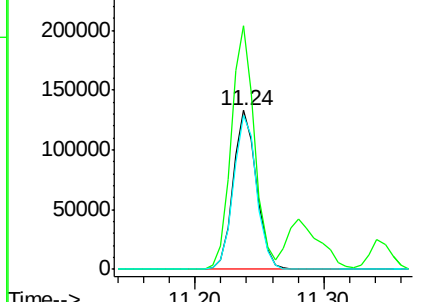
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.164 ug/l

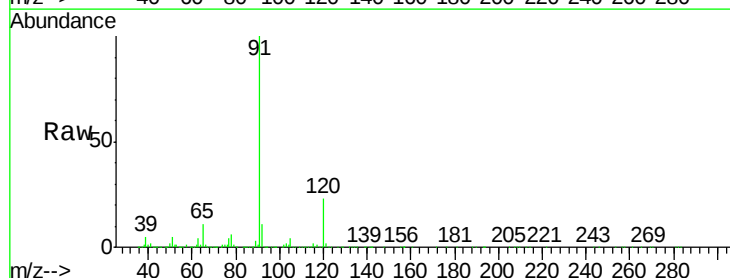
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017489.D

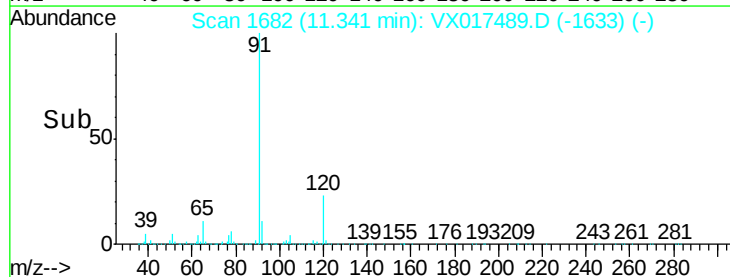
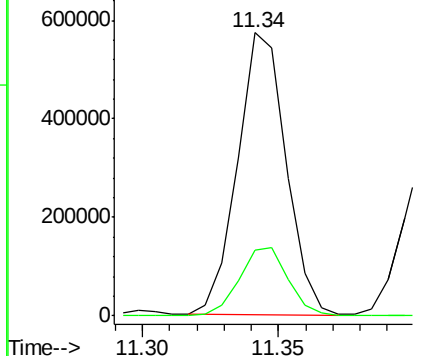
Acq: 23 Jul 2020 14:01

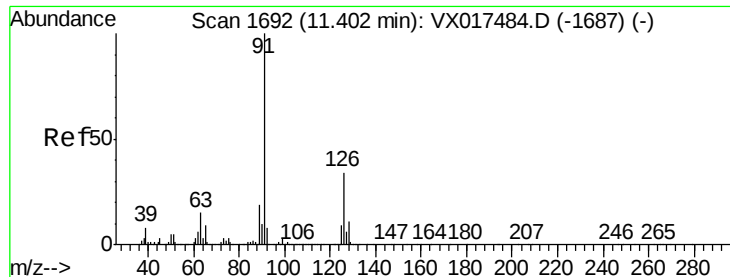
Tgt Ion:	91	Resp:	706635
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.2	36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.538 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 91 Resp: 423430

Ion Ratio Lower Upper

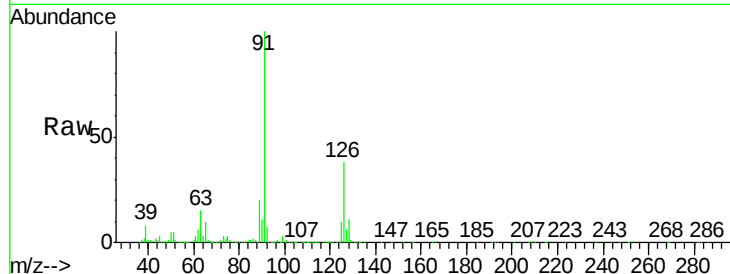
91 100

126 35.8 17.5 52.5

Manual Integrations
APPROVED

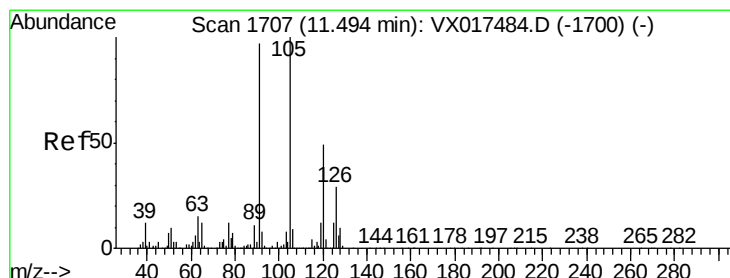
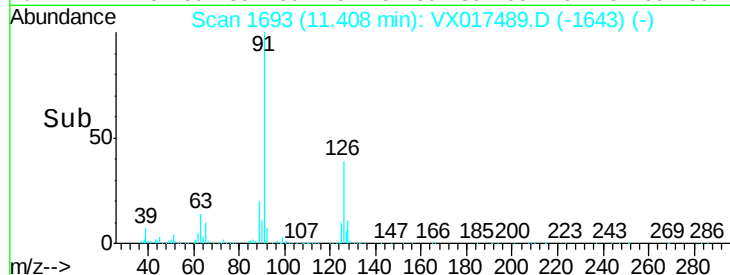
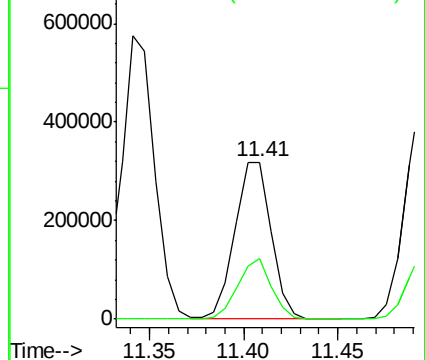
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.571 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017489.D

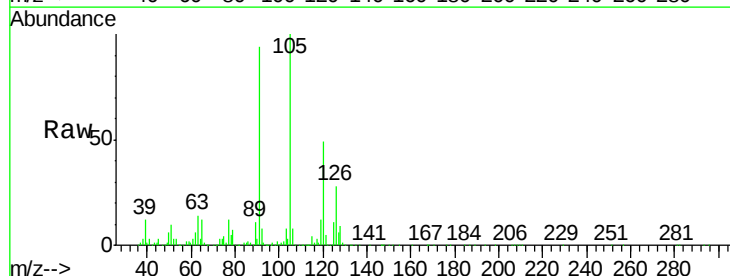
Acq: 23 Jul 2020 14:01

Tgt Ion: 105 Resp: 574223

Ion Ratio Lower Upper

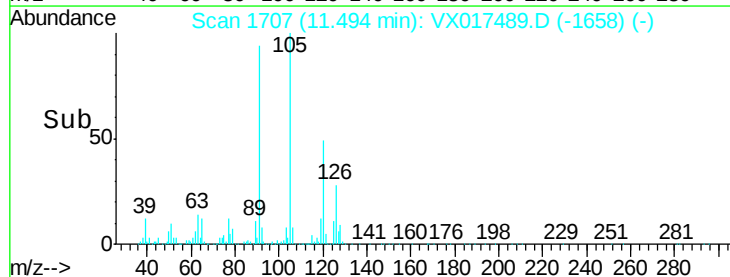
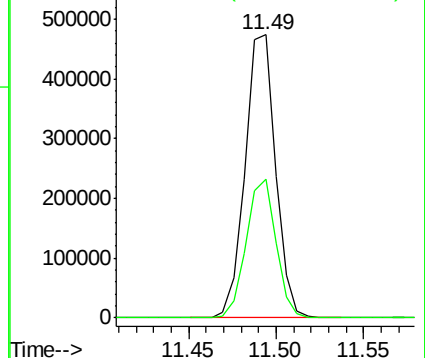
105 100

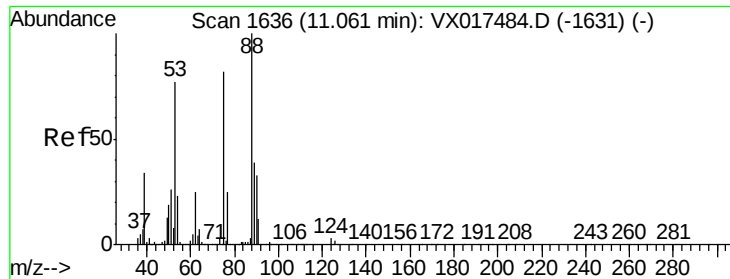
120 47.9 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





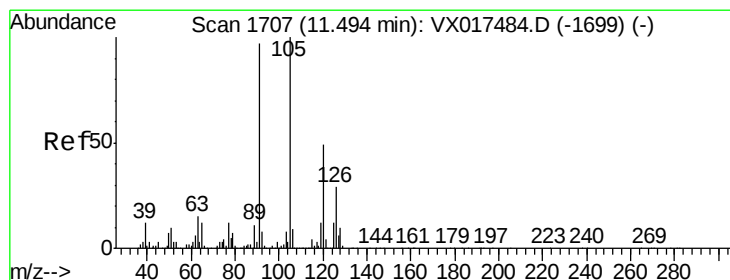
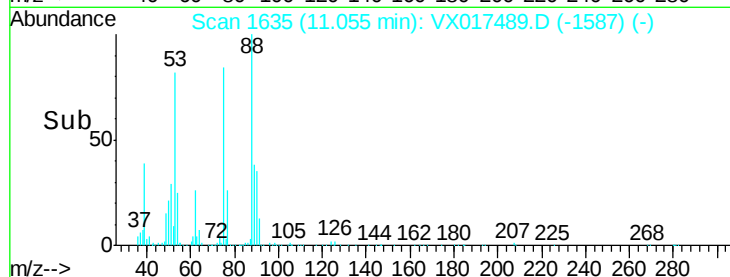
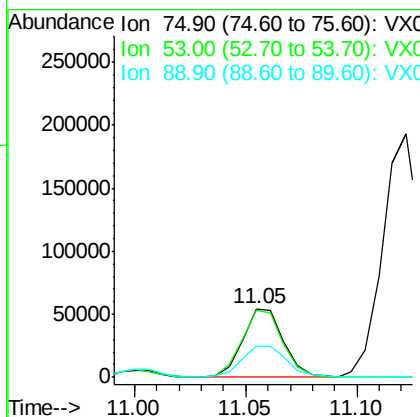
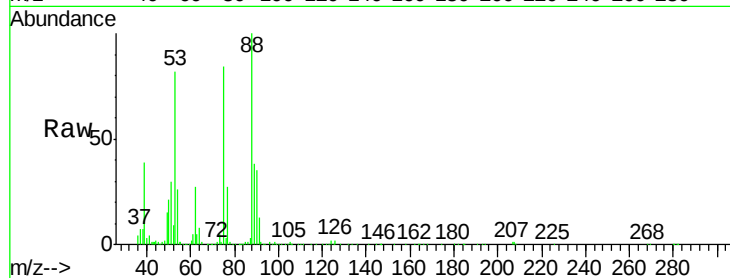
#81
trans-1,4-Dichloro-2-butene
Concen: 17.683 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.4	75.9	113.9
89	51.3	37.8	56.6

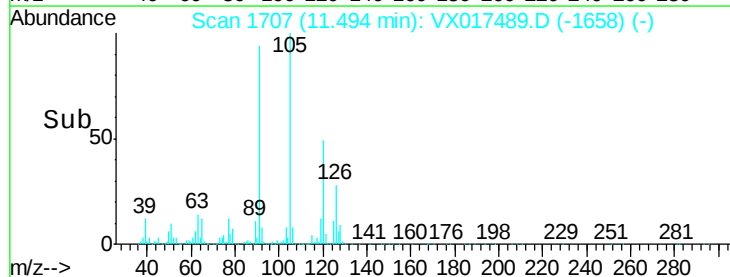
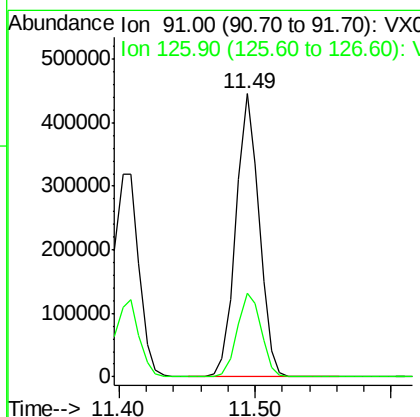
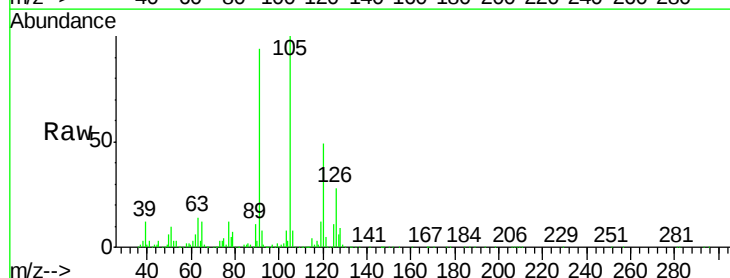
Manual Integrations
APPROVED

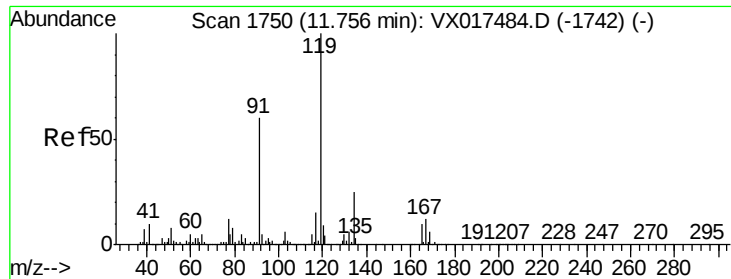
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#82
4-Chlorotoluene
Concen: 19.682 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.2	45.6





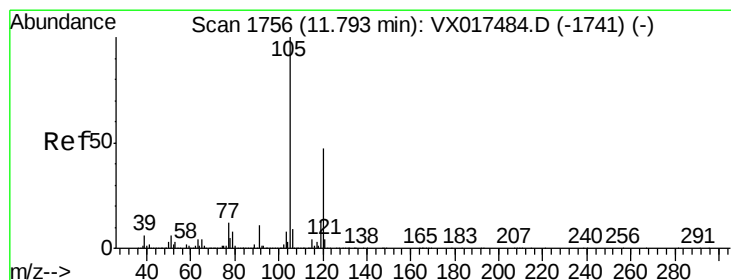
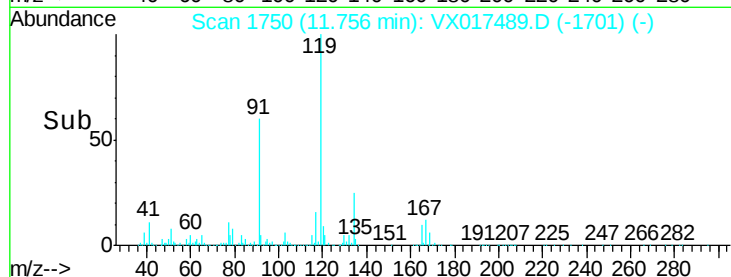
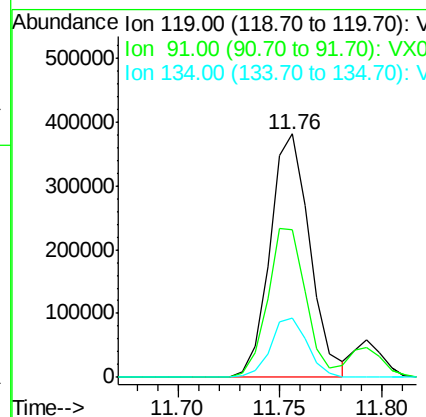
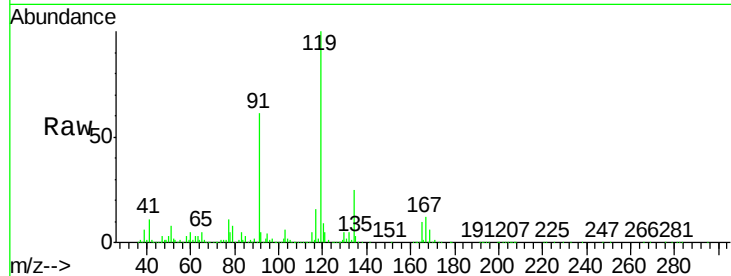
#83
tert-Butylbenzene
Concen: 19.395 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	518037		
91	58.4	29.3	88.0	
134	22.6	11.2	33.6	

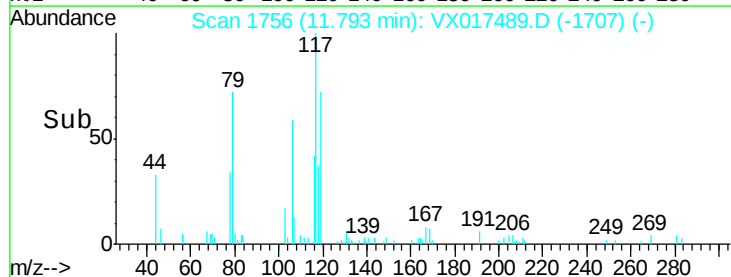
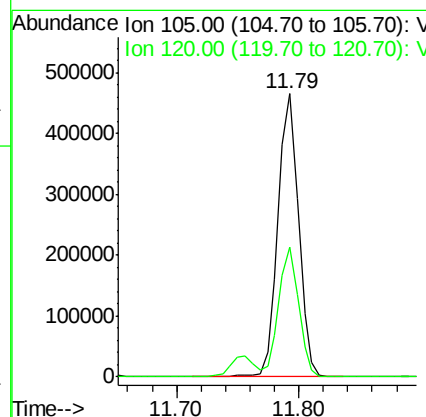
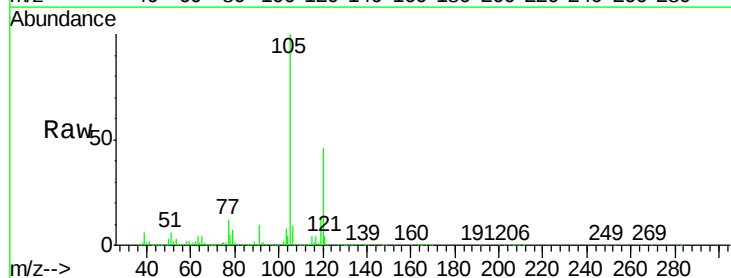
Manual Integrations
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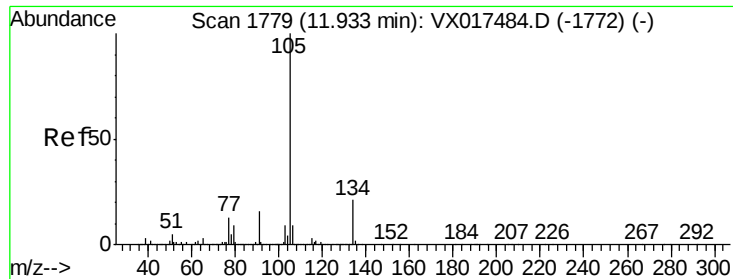
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#84
1,2,4-Trimethylbenzene
Concen: 19.655 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	545694		
120	44.4	22.7	68.0	





#85

sec-Butylbenzene

Concen: 19.457 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion:105 Resp: 605397

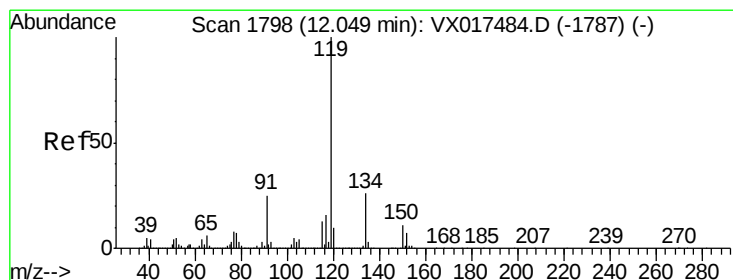
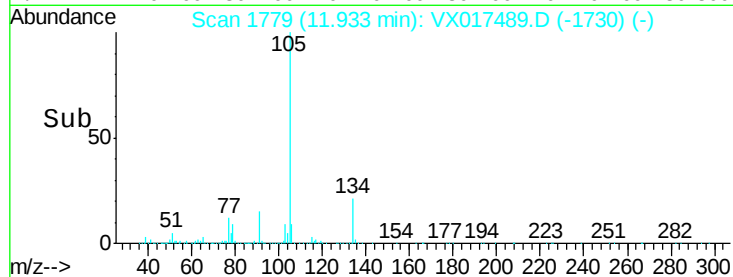
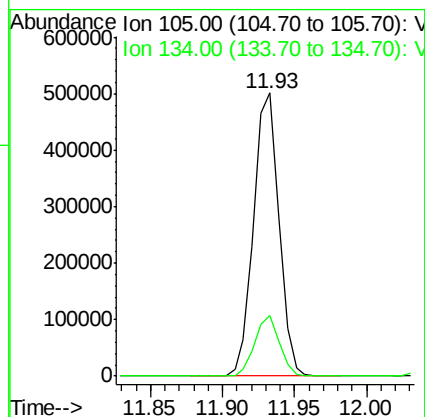
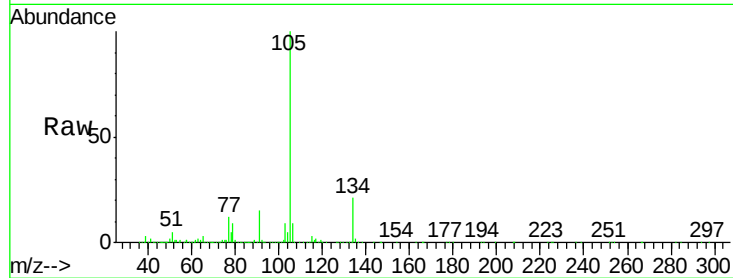
Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.108 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

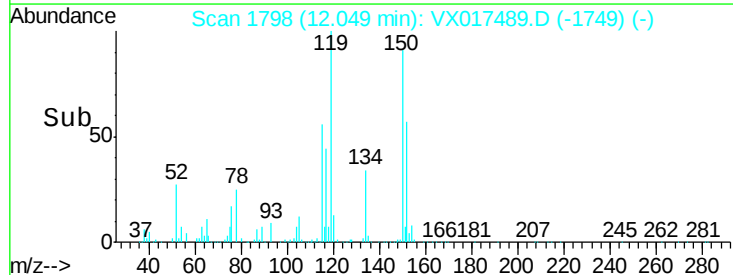
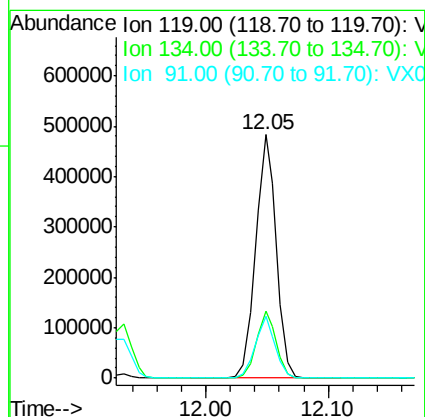
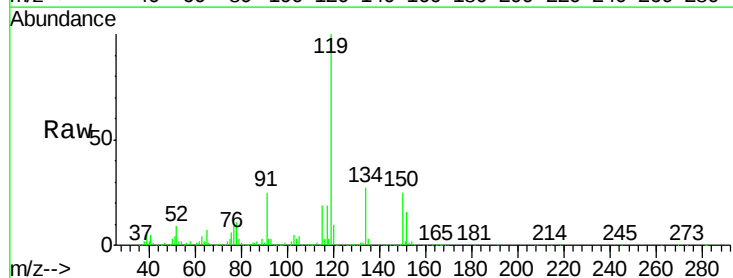
Tgt Ion:119 Resp: 566173

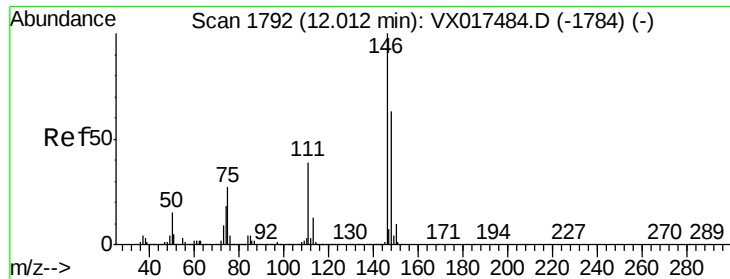
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 24.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.246 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

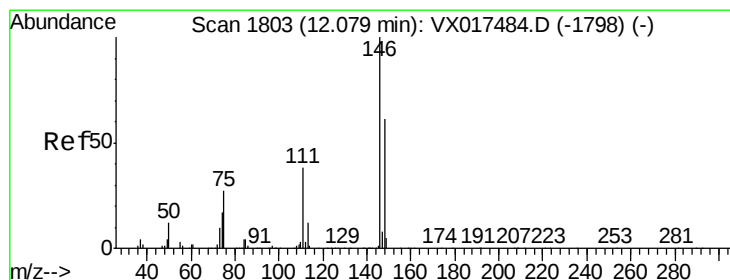
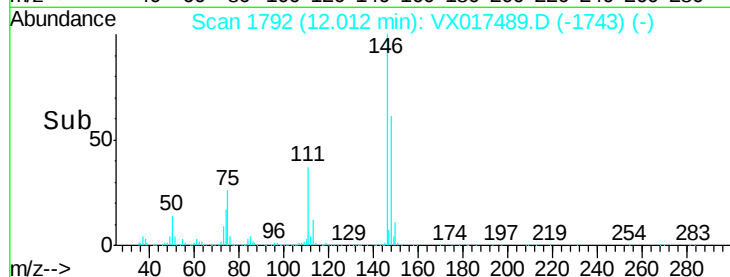
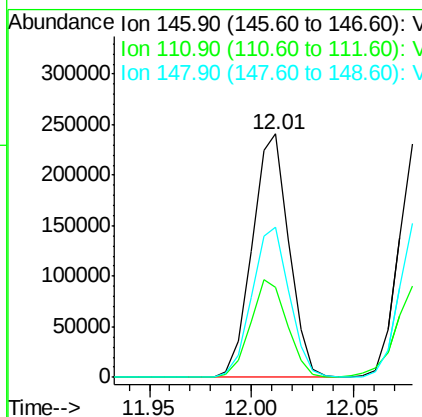
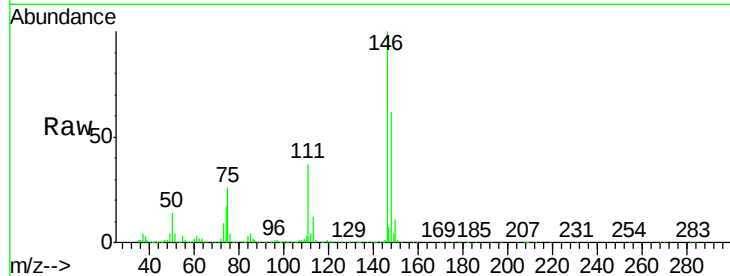
ClientSampleId :

VX0723WBS01

Tot Ion:	146	Resp:	302493
Ion Ratio	Lower	Upper	
146	100		
111	40.2	19.9	59.7
148	62.8	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.268 ug/l

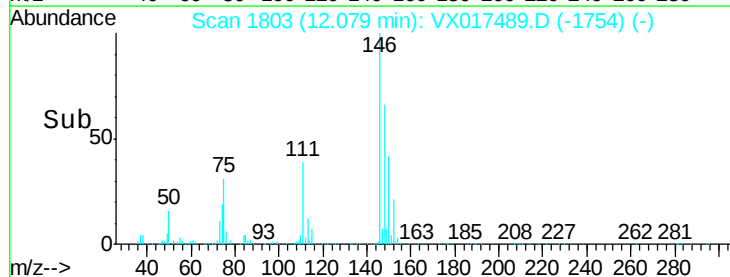
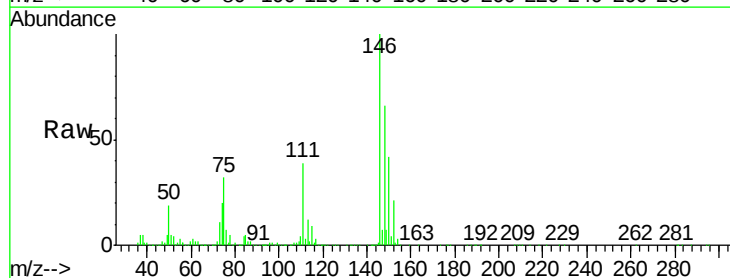
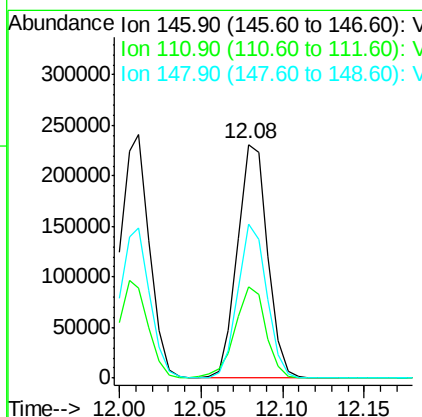
RT: 12.08 min Scan# 1803

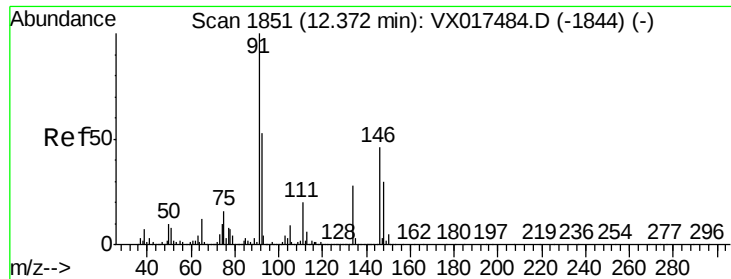
Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Tgt Ion:	146	Resp:	297400
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.3	57.8
148	63.9	32.2	96.6





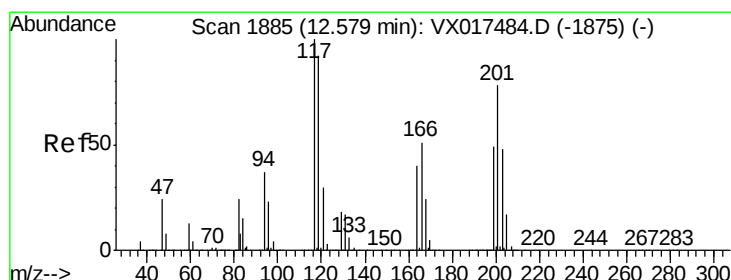
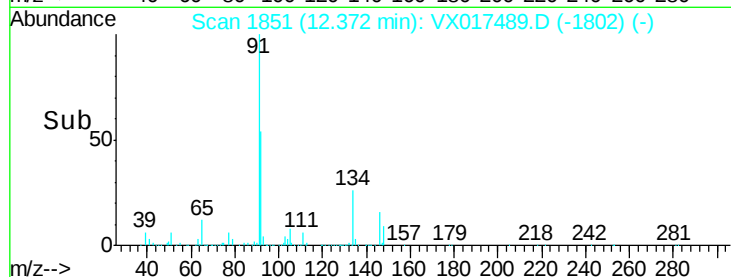
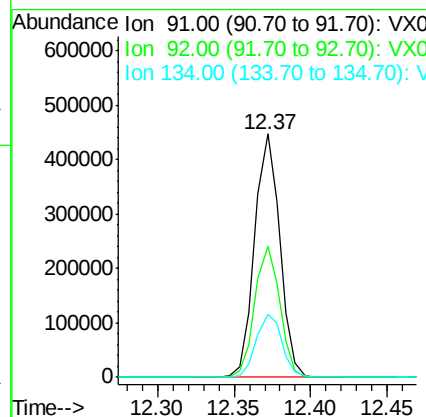
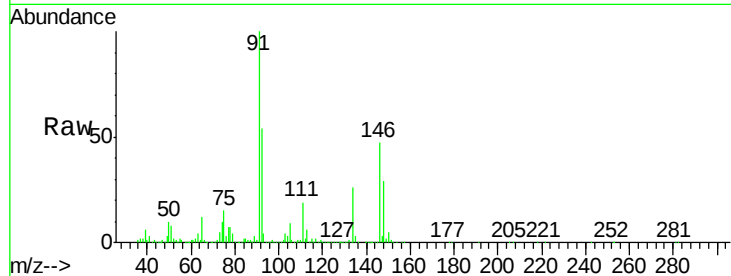
#89
n-Butylbenzene
Concen: 19.381 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.7	80.1
134	26.7	13.6	40.7

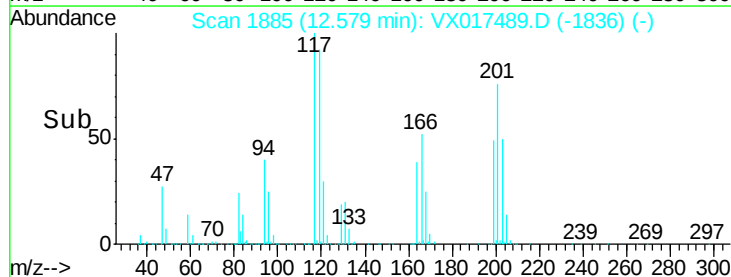
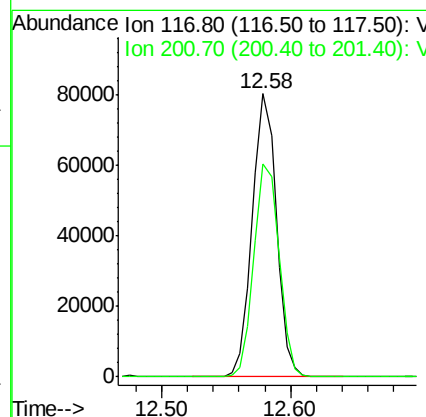
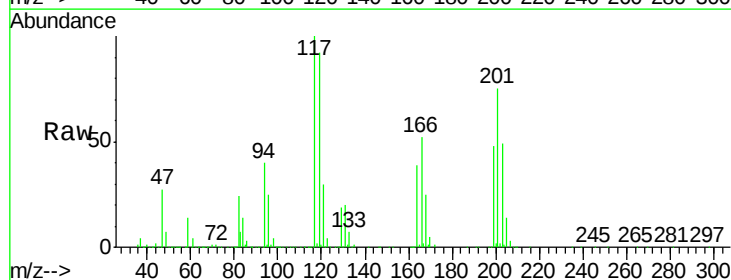
Manual Integrations
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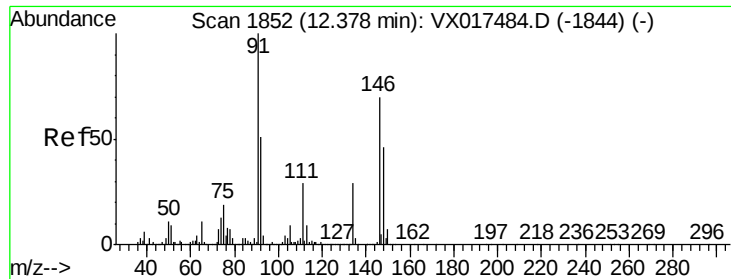
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#90
Hexachloroethane
Concen: 17.801 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.2	42.2	126.6





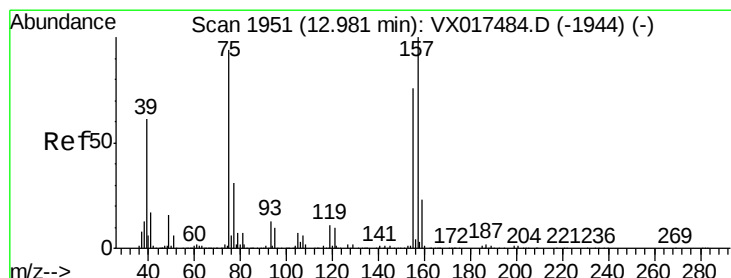
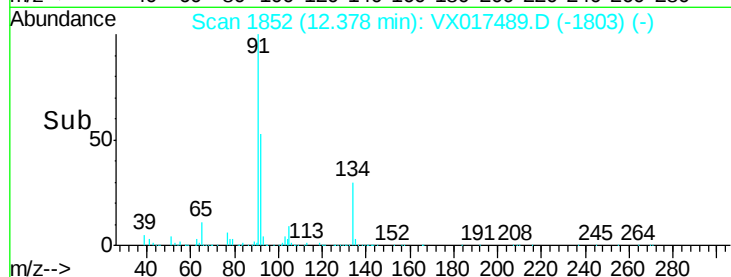
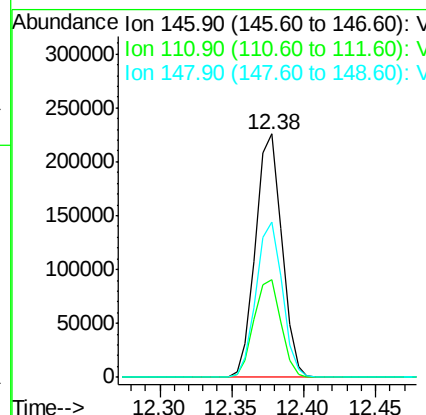
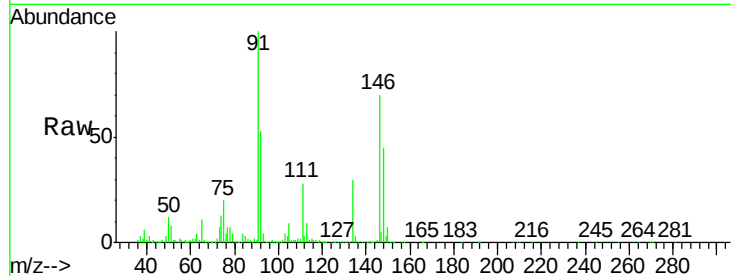
#91
 1,2-Dichlorobenzene
 Concen: 18.448 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.9	62.8
148	63.6	32.8	98.4

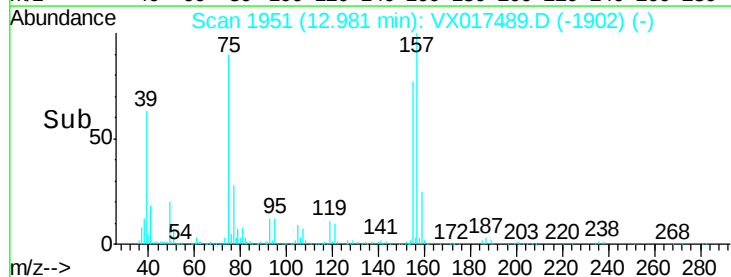
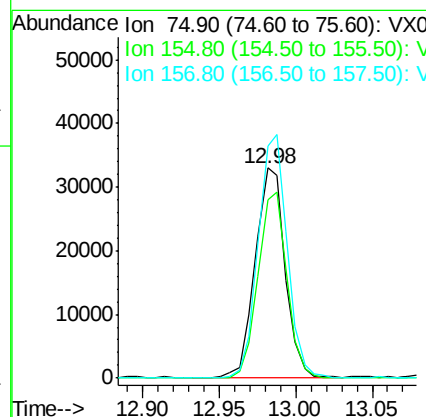
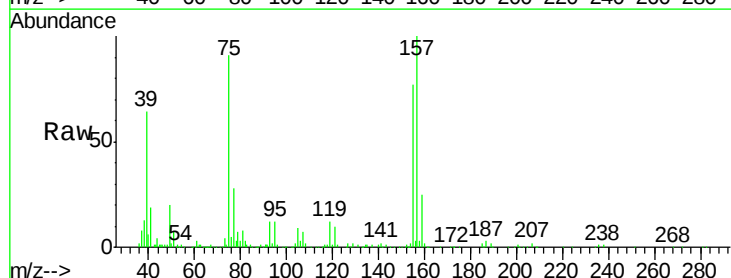
Manual Integrations
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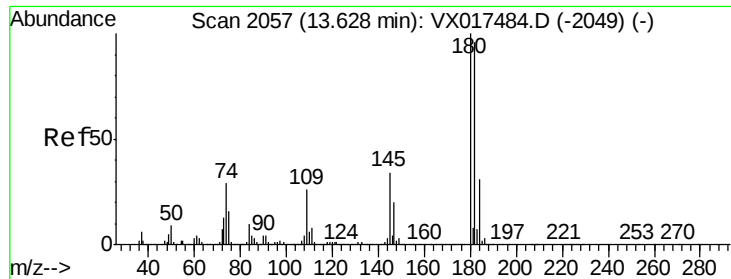
MMDadoda
 7/24/2020 9:56:23 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.409 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.1	42.3	126.8
157	112.0	54.3	162.9





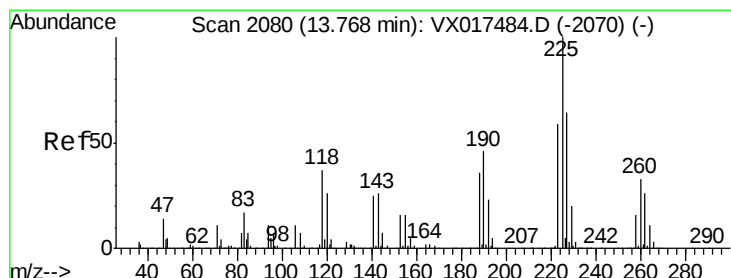
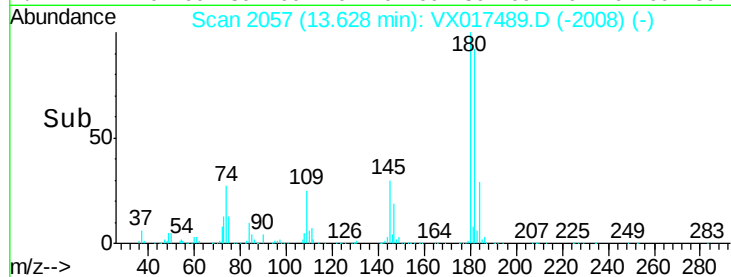
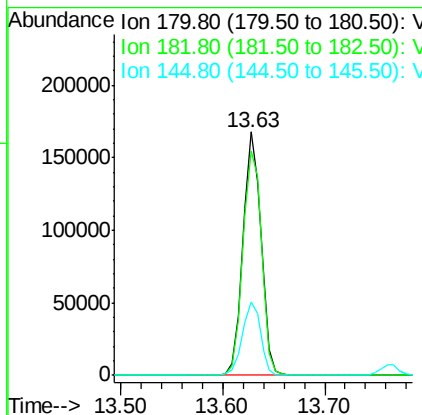
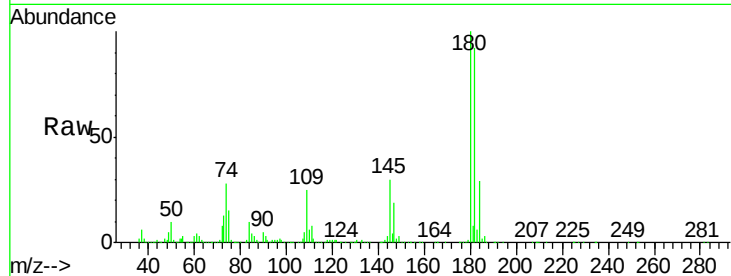
#93
 1,2,4-Trichlorobenzene
 Concen: 19.331 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	203802		
182	95.6	47.5	142.6	
145	30.5	15.4	46.4	

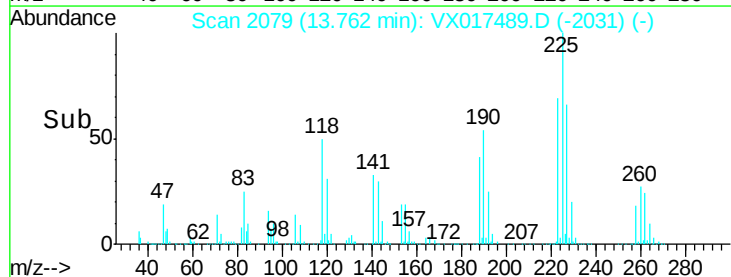
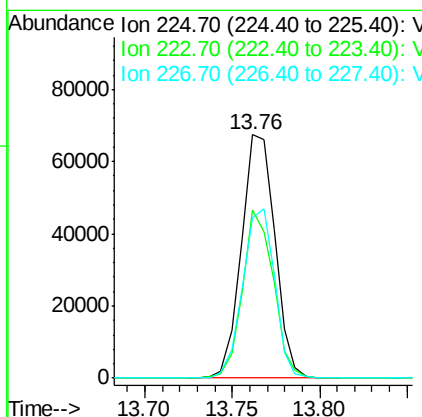
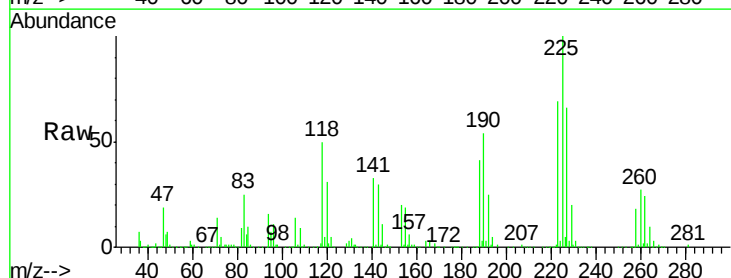
Manual Integrations
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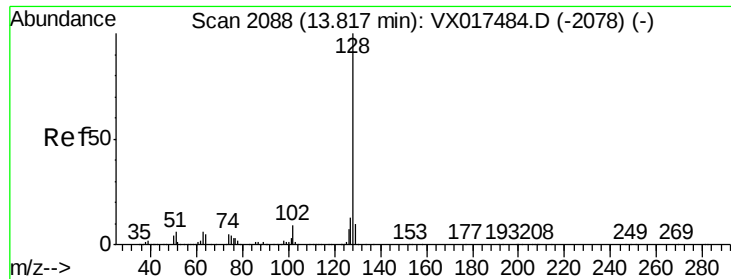
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 7/24/2020 9:56:23 AM



#94
 Hexachlorobutadiene
 Concen: 18.632 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90423		
223	63.3	30.3	90.9	
227	66.2	31.1	93.2	





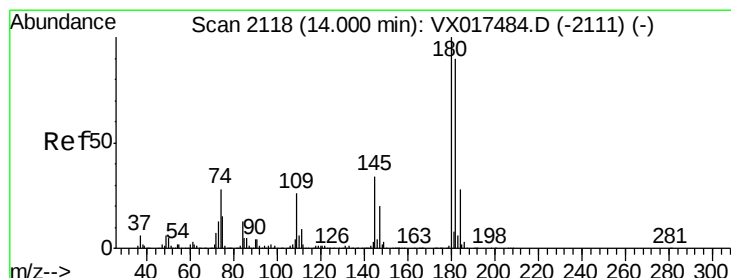
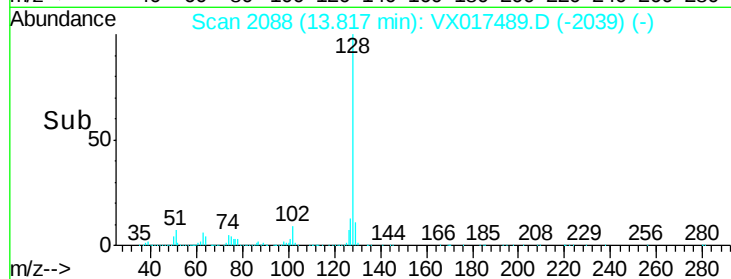
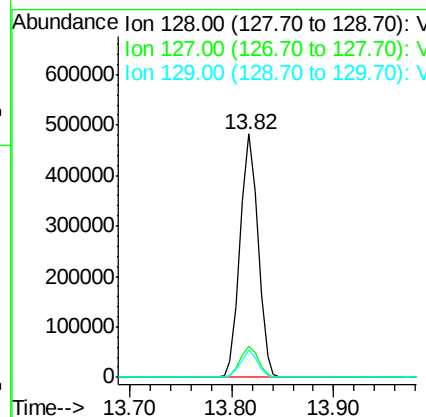
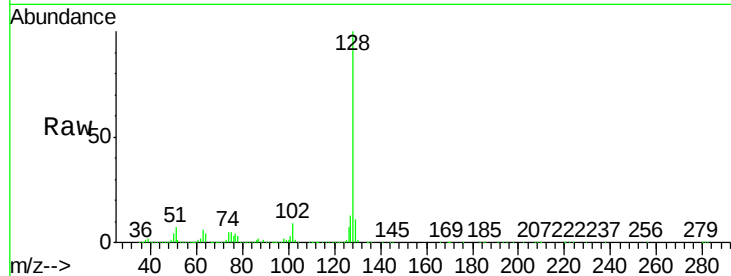
#95
Naphthalene
Concen: 18.616 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.7	8.9	13.3

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.944 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.4	142.3
145	32.4	16.3	48.9

