

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070720\
 Data File : VX017240.D
 Acq On : 08 Jul 2020 06:17
 Operator : JC/SP
 Sample : L3232-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MS

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:32:02 AM

Quant Time: Jul 08 07:18:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	267056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	407434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	397720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	223912	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166809	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	5.46	113	135916	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
50) Toluene-d8	8.70	98	485260	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.12	95	198290	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	118709	45.947	ug/l	98
3) Chloromethane	1.31	50	127594	40.800	ug/l	98
4) Vinyl Chloride	1.39	62	137301	47.320	ug/l	99
5) Bromomethane	1.62	94	65378	42.648	ug/l	99
6) Chloroethane	1.70	64	79772	46.550	ug/l	100
7) Trichlorofluoromethane	1.91	101	220711	51.432	ug/l	99
8) Diethyl Ether	2.17	74	75437	52.229	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	125119	48.647	ug/l	97
10) Methyl Iodide	2.49	142	115108	34.684	ug/l	100
11) Tert butyl alcohol	3.02	59	175290	279.095	ug/l	99
12) 1,1-Dichloroethene	2.36	96	124992	47.307	ug/l	99
13) Acrolein	2.27	56	117701	313.496	ug/l	99
14) Allyl chloride	2.71	41	214787	43.988	ug/l	99
15) Acrylonitrile	3.12	53	381493	252.670	ug/l	100
16) Acetone	2.42	43	337647	274.152	ug/l	99
17) Carbon Disulfide	2.55	76	331764	45.000	ug/l	99
18) Methyl Acetate	2.75	43	148210	46.098	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	452743	51.056	ug/l	99
20) Methylene Chloride	2.84	84	145687	51.602	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	148798	50.748	ug/l	96
22) Diisopropyl ether	3.82	45	451025	49.906	ug/l	97
23) Vinyl Acetate	3.79	43	1685190	216.998	ug/l	99
24) 1,1-Dichloroethane	3.67	63	252878	49.177	ug/l	99
25) 2-Butanone	4.64	43	528120	257.347	ug/l	100
26) 2,2-Dichloropropane	4.55	77	148166	32.451	ug/l	90
27) cis-1,2-Dichloroethene	4.56	96	321492	96.769	ug/l	93
28) Bromochloromethane	4.98	49	118408	47.319	ug/l	95
29) Tetrahydrofuran	5.09	42	339681	250.518	ug/l	99
30) Chloroform	5.18	83	266597	50.575	ug/l	98
31) Cyclohexane	5.55	56	205116	46.147	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	244069	50.275	ug/l	99
36) 1,1-Dichloropropene	5.77	75	189031	49.089	ug/l	98
37) Ethyl Acetate	4.79	43	176633	45.209	ug/l	100
38) Carbon Tetrachloride	5.76	117	224678	52.974	ug/l	98

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MMDadoda
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Quant Time: Jul 08 07:18:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	204091	47.635	ug/l	99
40) Benzene	6.12	78	558735	49.384	ug/l	98
41) Methacrylonitrile	5.01	41	111895	50.885	ug/l	98
42) 1,2-Dichloroethane	6.16	62	215809	52.807	ug/l	100
43) Isopropyl Acetate	6.42	43	297856	45.878	ug/l	99
44) Trichloroethene	7.19	130	355864	114.380	ug/l	100
45) 1,2-Dichloropropane	7.49	63	147205	50.656	ug/l	100
46) Dibromomethane	7.64	93	102857	51.844	ug/l	97
47) Bromodichloromethane	7.88	83	218064	53.335	ug/l	96
48) Methyl methacrylate	7.74	41	162097	52.553	ug/l	97
49) 1,4-Dioxane	7.71	88	81697	1169.144	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1029153	265.927	ug/l	100
52) Toluene	8.76	92	364905	51.658	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	215182	47.701	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	226601	46.859	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	151306	52.426	ug/l	100
56) Ethyl methacrylate	9.16	69	216895	52.800	ug/l	99
57) 1,3-Dichloropropane	9.35	76	255286	52.274	ug/l	100
59) 2-Hexanone	9.47	43	799625	282.910	ug/l	99
60) Dibromochloromethane	9.57	129	180974	53.988	ug/l	99
61) 1,2-Dibromoethane	9.65	107	162569	52.403	ug/l	100
64) Tetrachloroethene	9.32	164	589213	183.564	ug/l	97
65) Chlorobenzene	10.12	112	401545	48.917	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	162705	51.432	ug/l	99
67) Ethyl Benzene	10.23	91	690985	50.405	ug/l	99
68) m/p-Xylenes	10.34	106	530617	100.808	ug/l	97
69) o-Xylene	10.68	106	255382	51.002	ug/l	99
70) Styrene	10.70	104	454124	53.258	ug/l	99
71) Bromoform	10.84	173	144531	57.613	ug/l #	99
73) Isopropylbenzene	11.00	105	691579	47.154	ug/l	99
74) N-amyl acetate	10.88	43	254887	40.729	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	220087	47.706	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	207884m	47.213	ug/l	
77) Bromobenzene	11.24	156	193284	47.951	ug/l	96
78) n-propylbenzene	11.34	91	794280	47.891	ug/l	100
79) 2-Chlorotoluene	11.40	91	483041	48.123	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	604638	49.701	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	69807	41.056	ug/l	94
82) 4-Chlorotoluene	11.49	91	578979	48.251	ug/l	99
83) tert-Butylbenzene	11.76	119	587453	49.191	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	618898	50.146	ug/l	100
85) sec-Butylbenzene	11.93	105	672281	47.891	ug/l	100
86) p-Isopropyltoluene	12.05	119	640889	49.042	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	341820	46.691	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	348538	50.486	ug/l	100
89) n-Butylbenzene	12.37	91	528582	45.300	ug/l	99
90) Hexachloroethane	12.58	117	121797	47.262	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	332402	48.574	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51487	46.783	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	215220	46.078	ug/l	100

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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	77404	43.773	ug/l	98
95) Naphthalene	13.82	128	695636	48.989	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	218035	48.236	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MS

Tot Ion:168 Resp: 267056

Ion Ratio Lower Upper

168 100

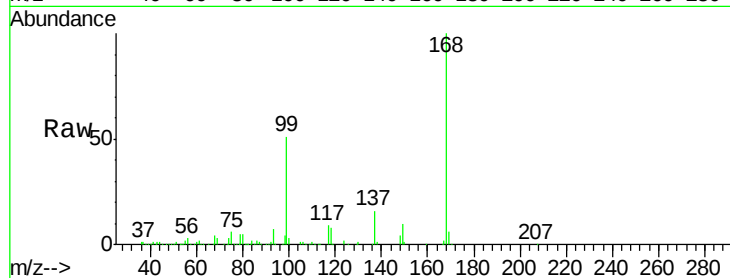
99 50.6 42.6 64.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

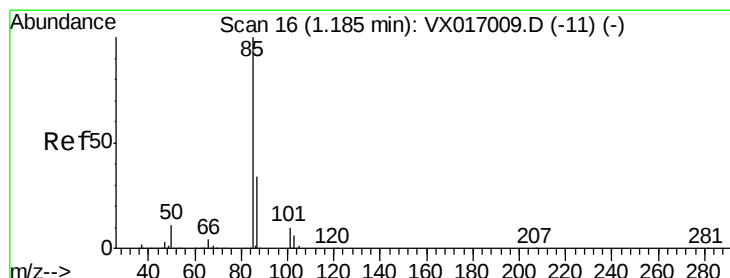
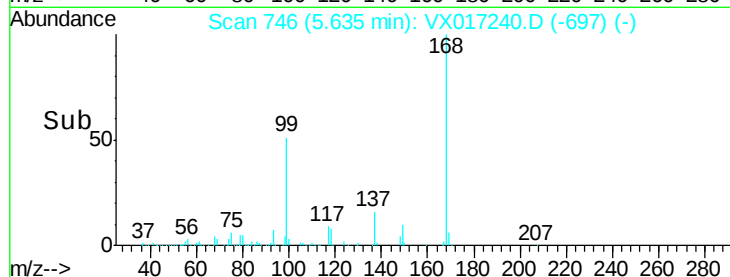
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.947 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017240.D

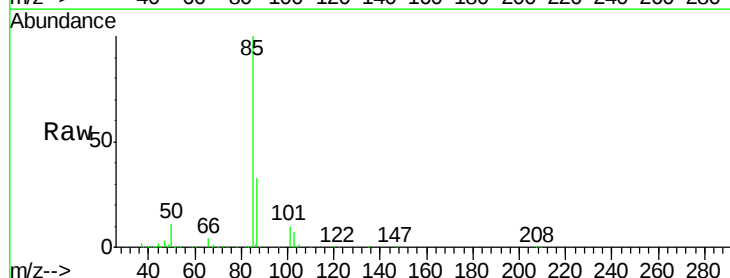
Acq: 08 Jul 2020 06:17

Tgt Ion: 85 Resp: 118709

Ion Ratio Lower Upper

85 100

87 32.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

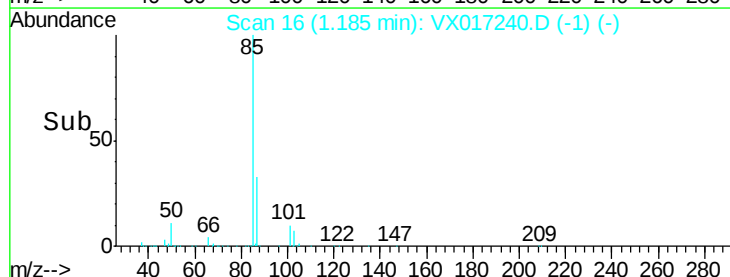
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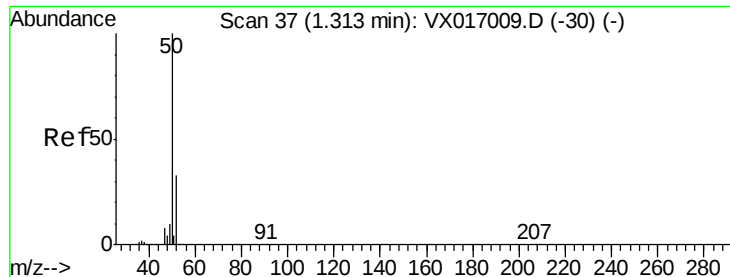
100000

50000

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Time-->





#3

Chloromethane

Concen: 40.800 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MS

Tot Ion: 50 Resp: 127594

Ion Ratio Lower Upper

50 100

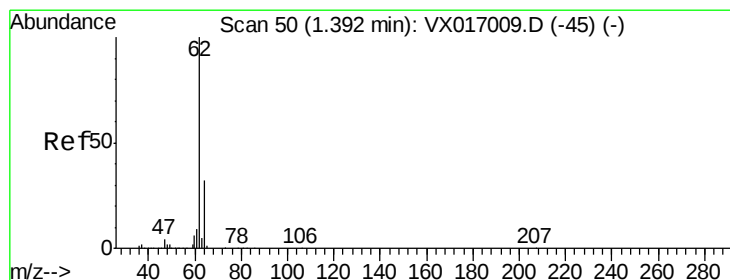
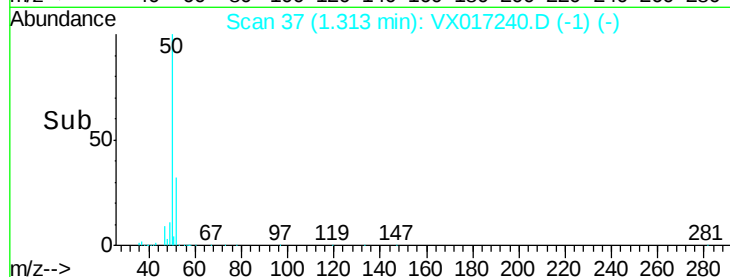
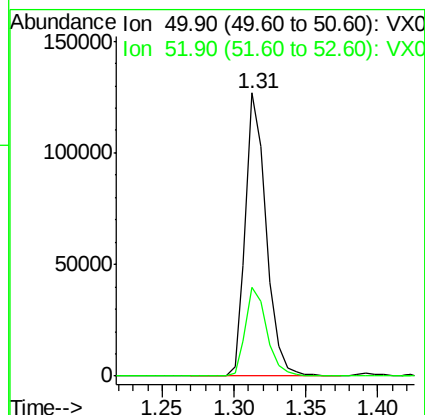
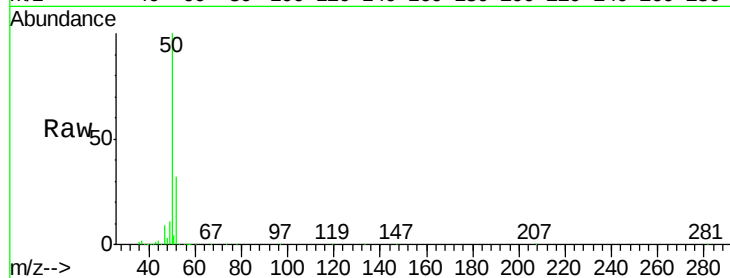
52 31.5 26.1 39.1

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#4

Vinyl Chloride

Concen: 47.320 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017240.D

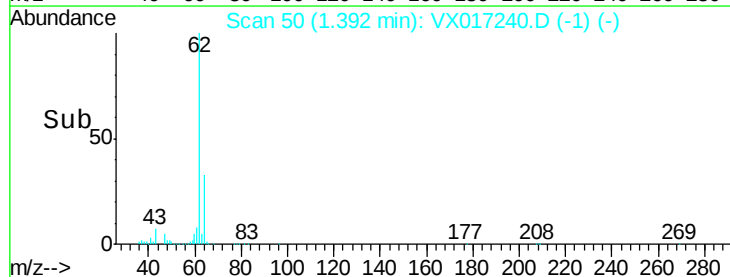
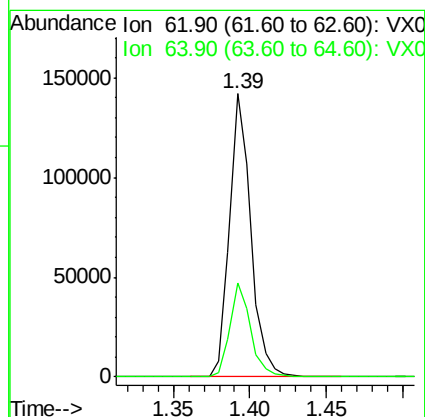
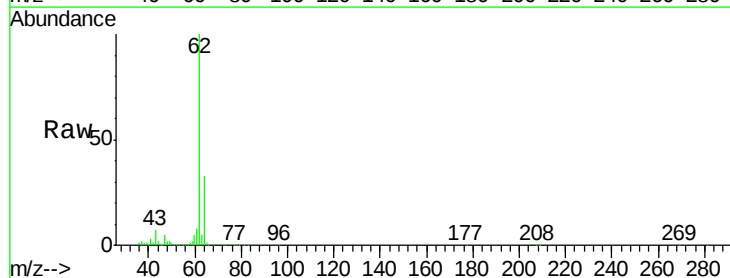
Acq: 08 Jul 2020 06:17

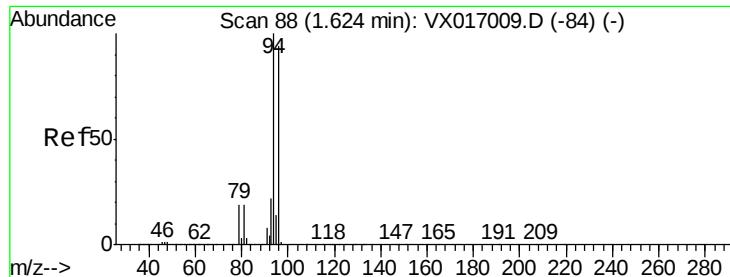
Tgt Ion: 62 Resp: 137301

Ion Ratio Lower Upper

62 100

64 33.0 25.9 38.9





#5

Bromomethane

Concen: 42.648 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MS

Tot Ion: 94 Resp: 65378

Ion Ratio Lower Upper

94 100

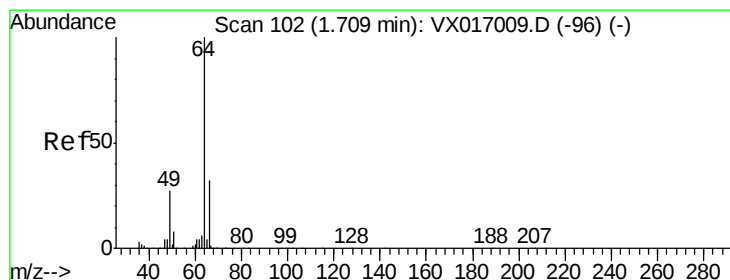
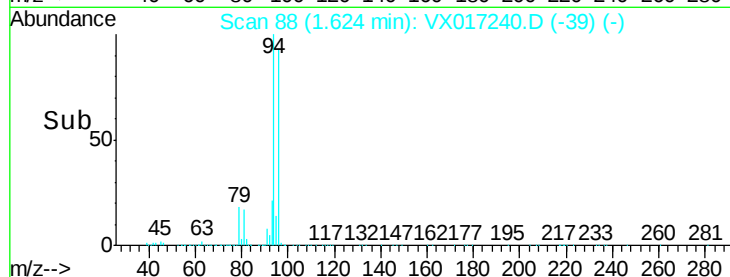
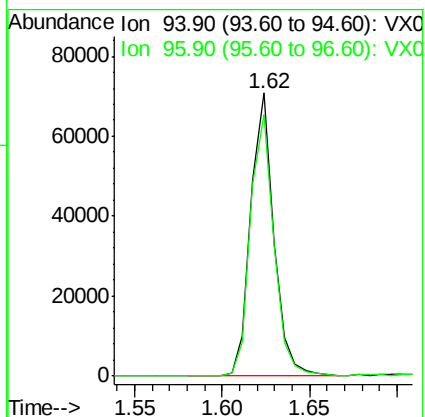
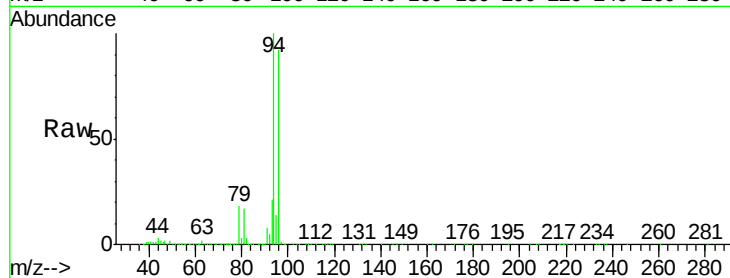
96 92.3 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 46.550 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017240.D

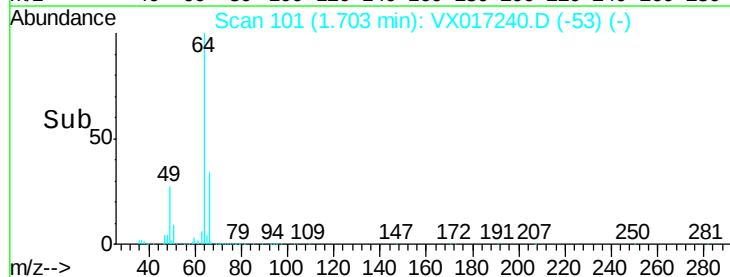
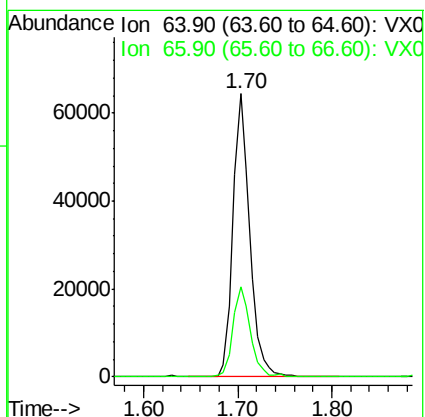
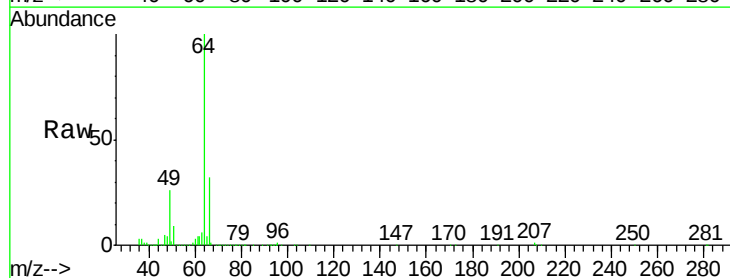
Acq: 08 Jul 2020 06:17

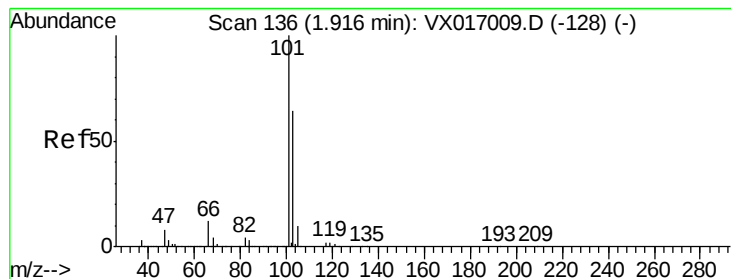
Tgt Ion: 64 Resp: 79772

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3





#7

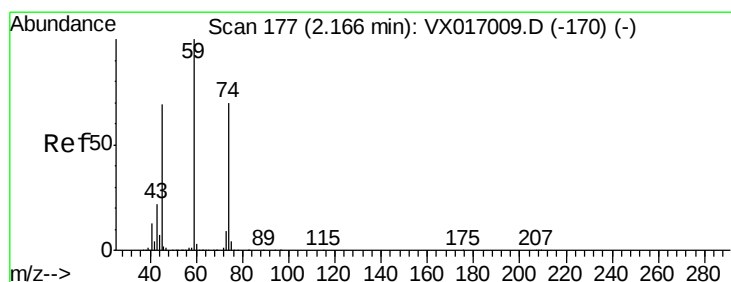
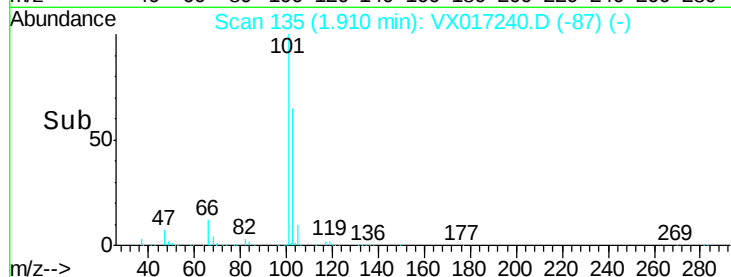
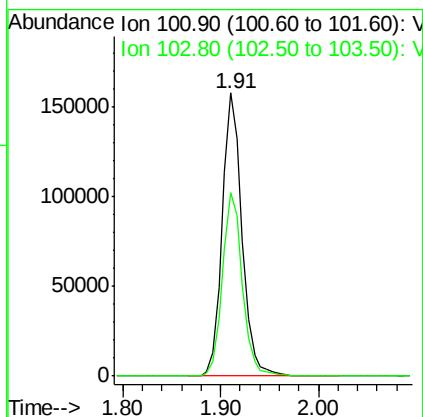
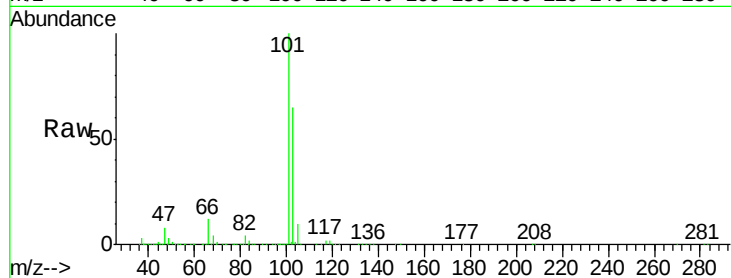
Trichlorofluoromethane
 Concen: 51.432 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

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 1004-MW-02MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.5	77.3

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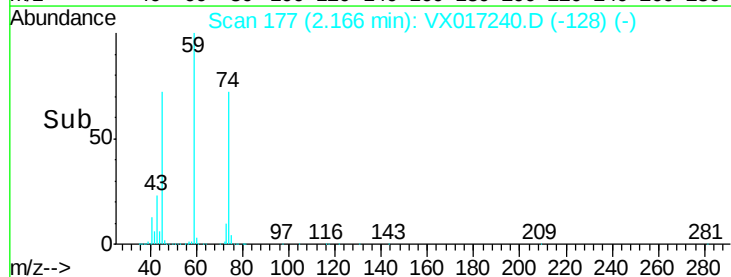
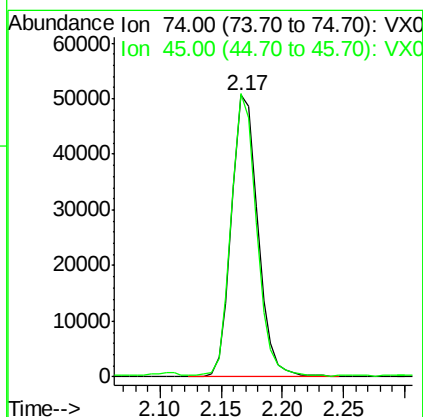
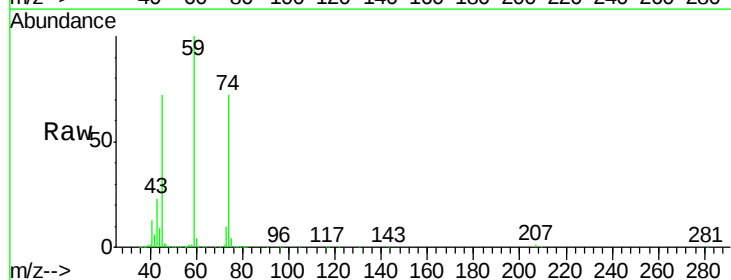
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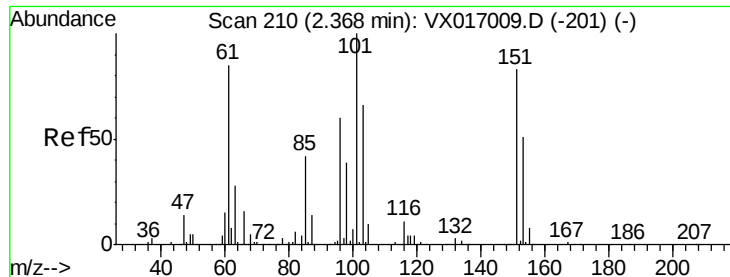


#8

Diethyl Ether
 Concen: 52.229 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.647 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

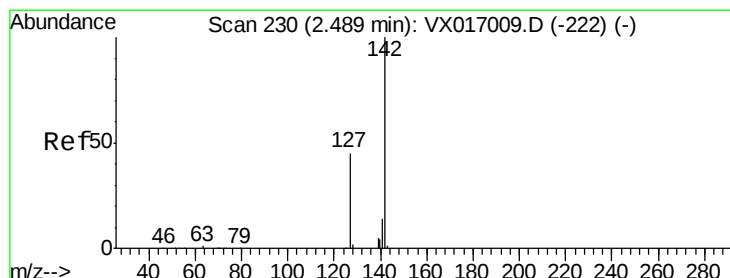
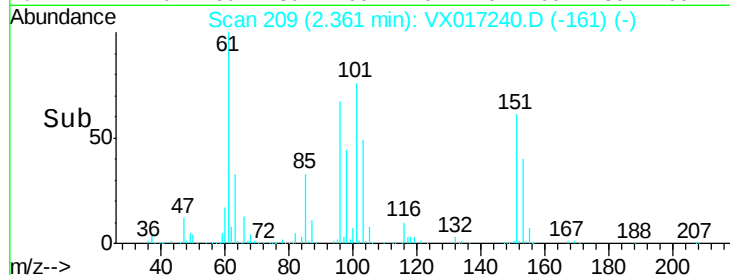
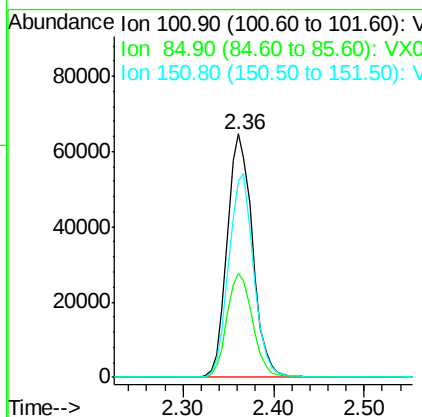
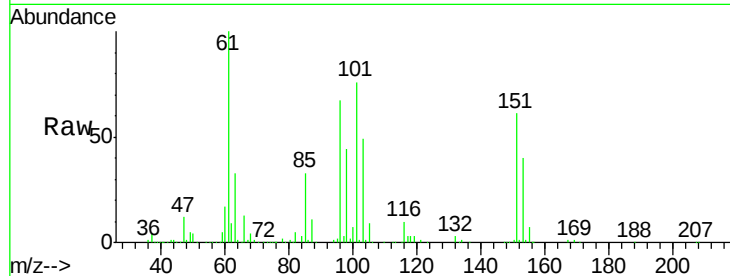
ClientSampleId :

1004-MW-02MS

Tot Ion:	101	Resp:	125119
Ion Ratio	Lower	Upper	
101	100		
85	43.6	33.5	50.3
151	82.9	63.8	95.6

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#10

Methyl Iodide

Concen: 34.684 ug/l

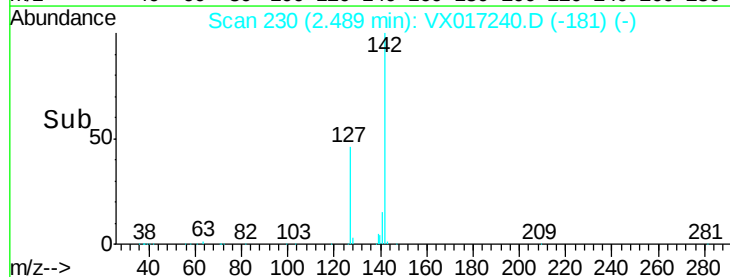
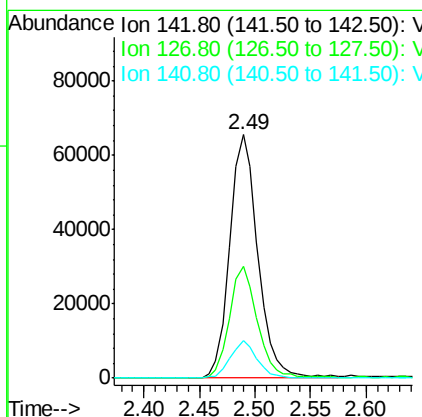
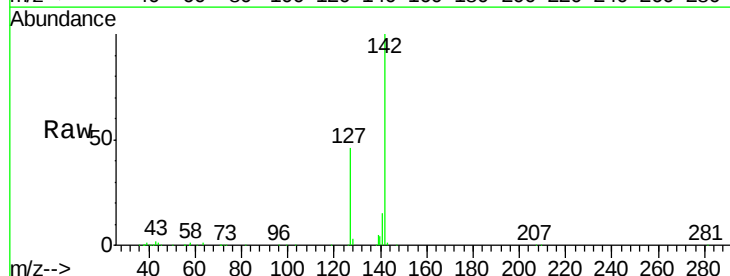
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Tgt Ion:	142	Resp:	115108
Ion Ratio	Lower	Upper	
142	100		
127	45.9	36.6	54.8
141	14.5	11.6	17.4





#11

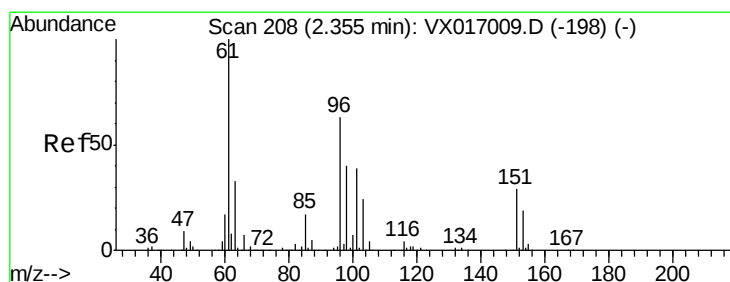
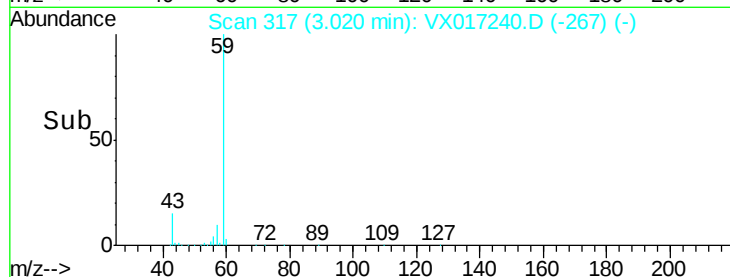
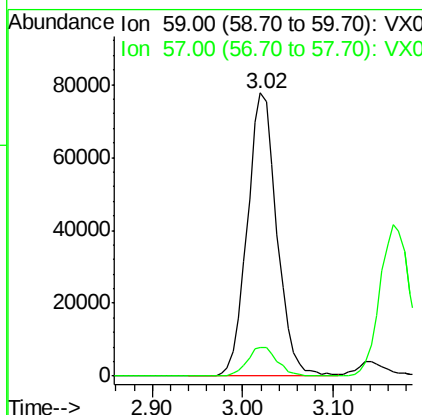
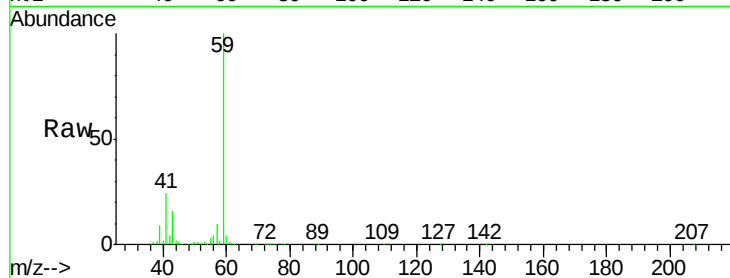
Tert butyl alcohol
Concen: 279.095 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

Manual Integrations
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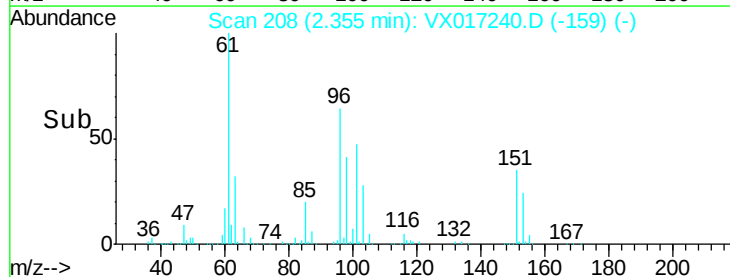
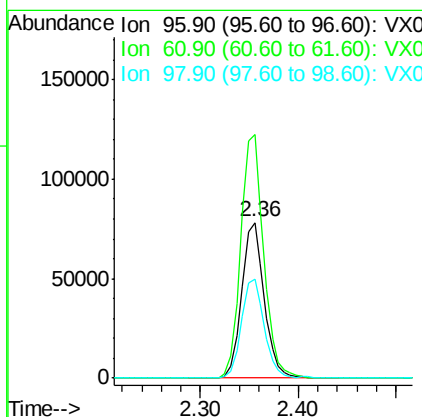
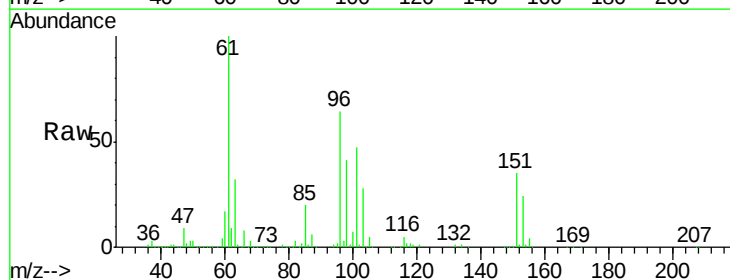
MMDadoda
7/8/2020 9:32:02 AM

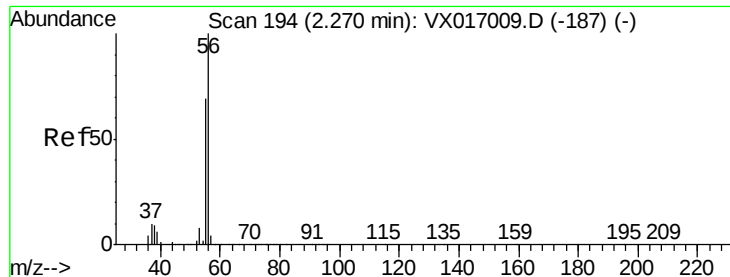


#12

1,1-Dichloroethene
Concen: 47.307 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.5	126.3	189.5
98	63.5	51.0	76.6





#13

Acrolein

Concen: 313.496 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MS

Tot Ion: 56 Resp: 117701

Ion Ratio Lower Upper

56 100

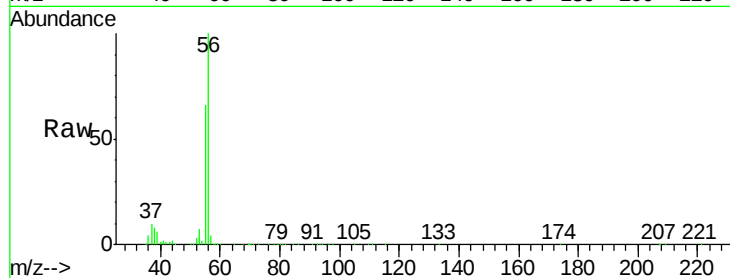
55 70.4 55.7 83.5

Manual Integrations

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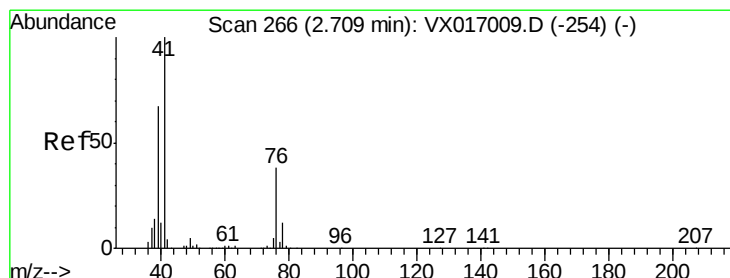
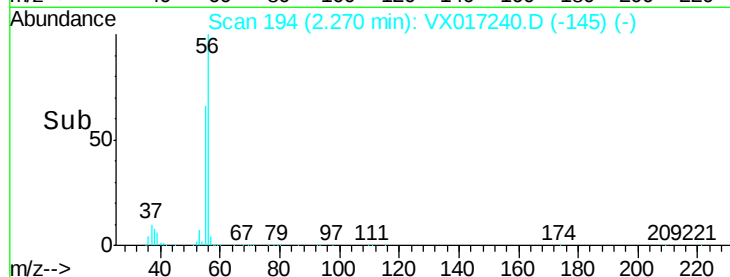
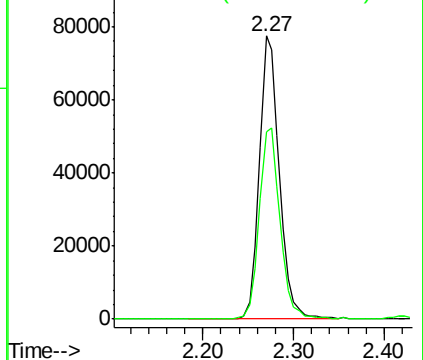
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 43.988 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

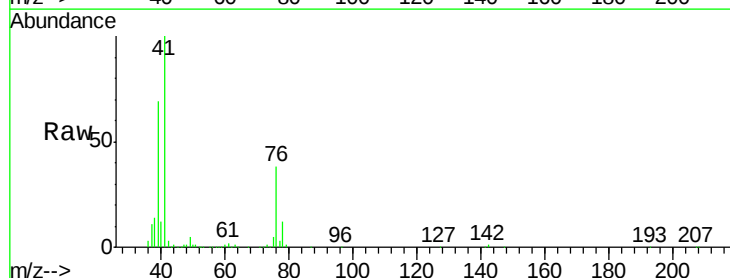
Tgt Ion: 41 Resp: 214787

Ion Ratio Lower Upper

41 100

39 63.4 49.4 74.2

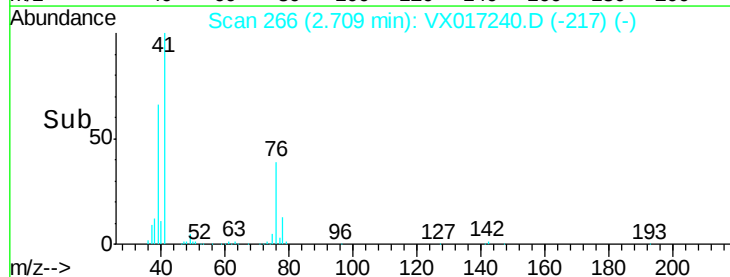
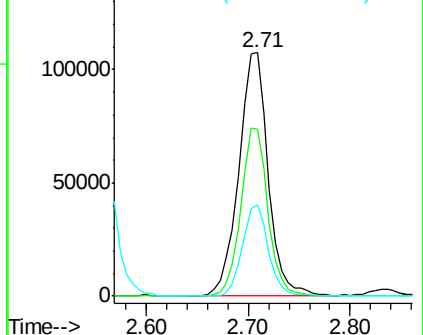
76 33.4 26.8 40.2

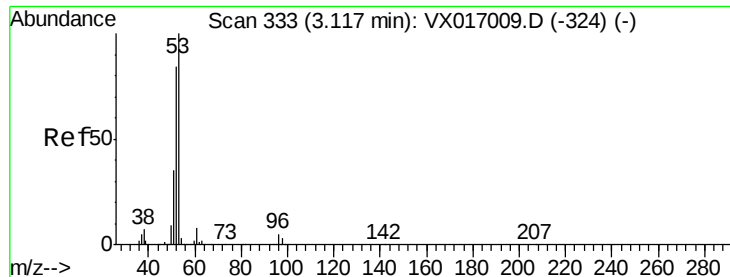


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 252.670 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

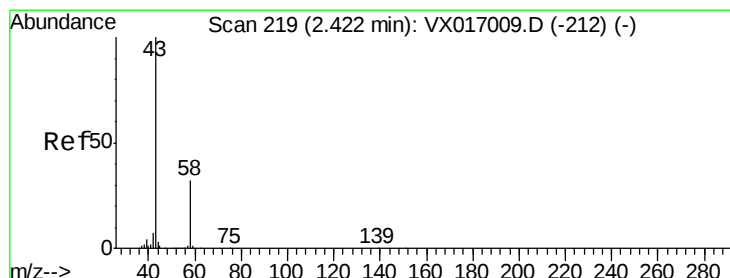
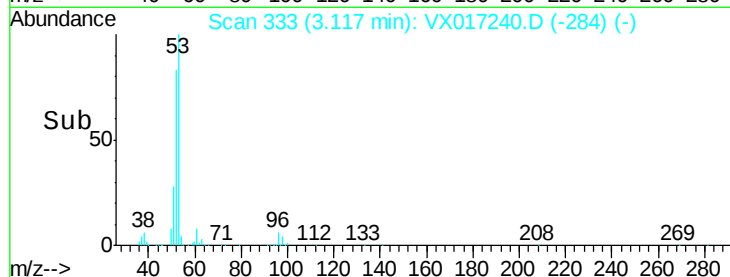
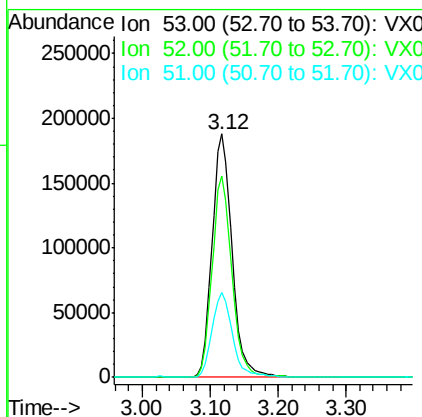
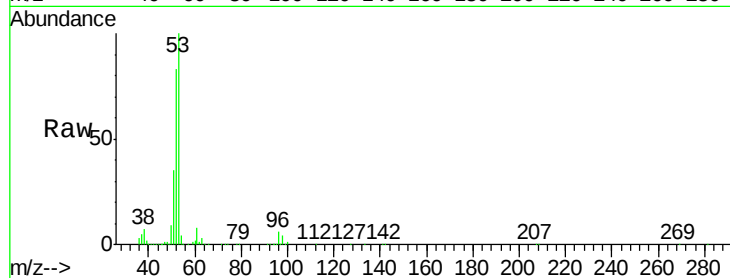
ClientSampleId :

1004-MW-02MS

Tot Ion:	53	Resp:	381493
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.6	98.4
51	35.9	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 274.152 ug/l

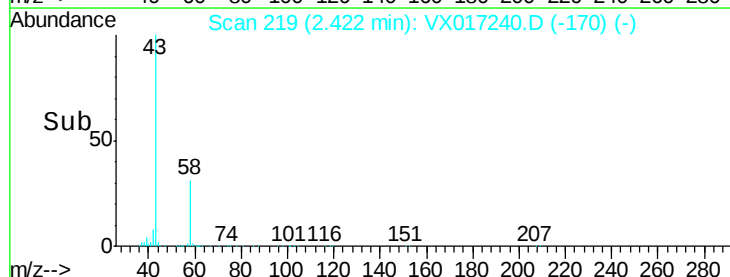
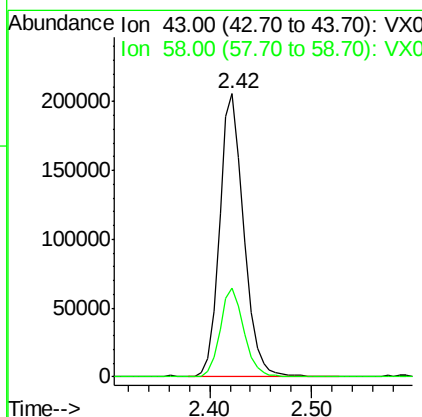
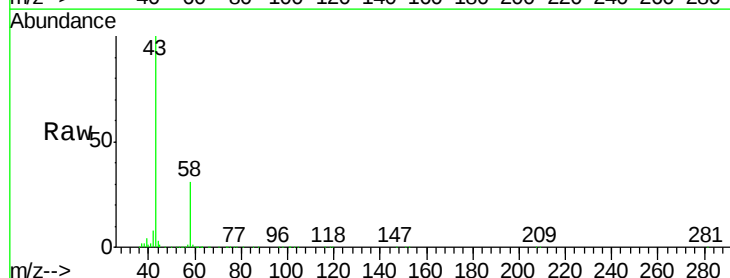
RT: 2.42 min Scan# 219

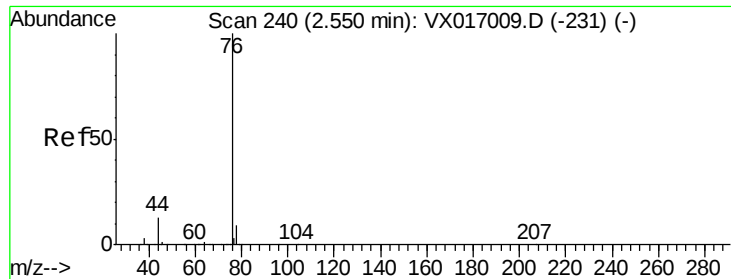
Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Tgt Ion:	43	Resp:	337647
Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.7	38.5





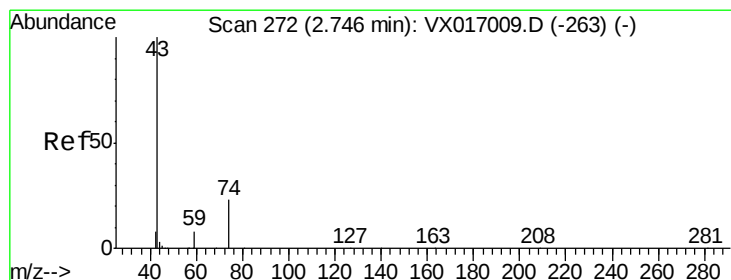
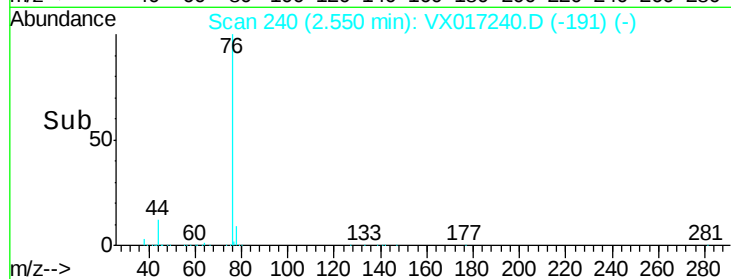
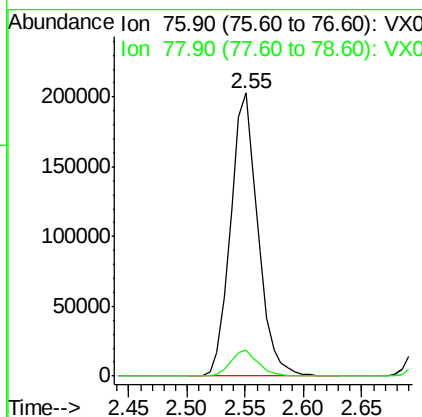
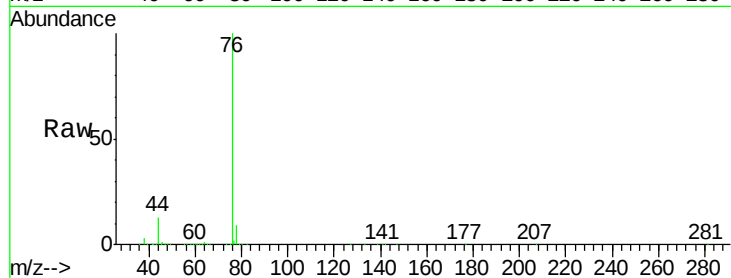
#17
Carbon Disulfide
Concen: 45.000 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

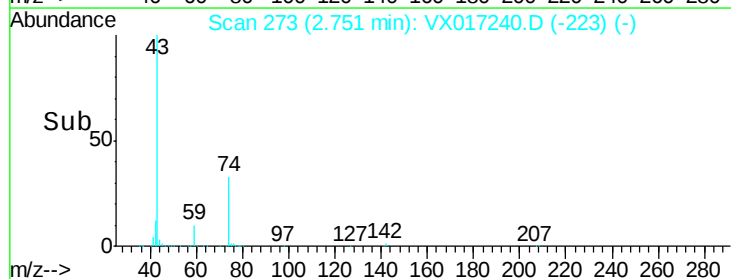
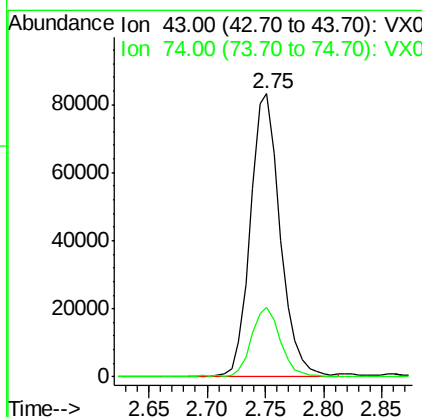
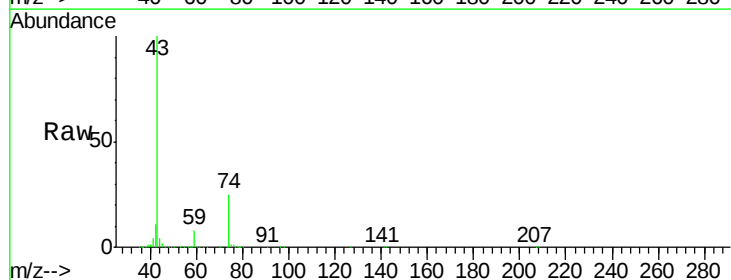
Manual Integrations
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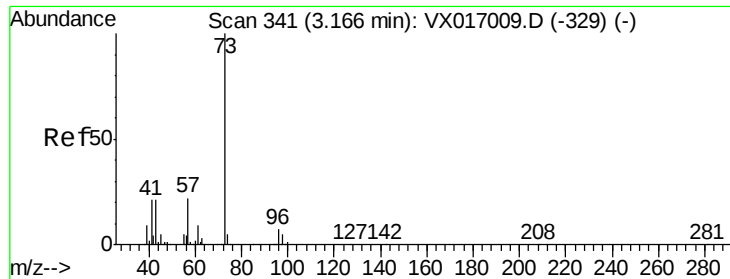
MMDadoda
7/8/2020 9:32:02 AM



#18
Methyl Acetate
Concen: 46.098 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.3	28.9





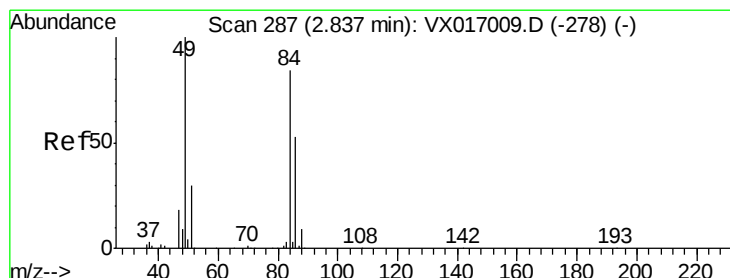
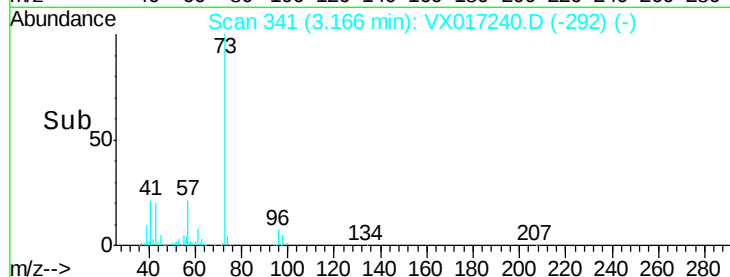
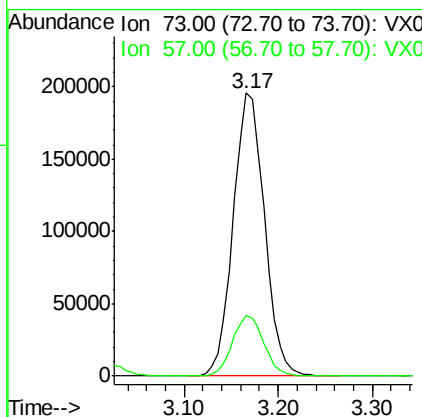
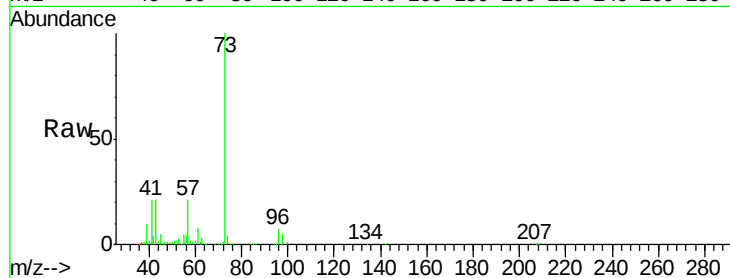
#19
Methvl tert-butvl Ether
Concen: 51.056 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MS

Tot Ion: 73 Resp: 452743
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4

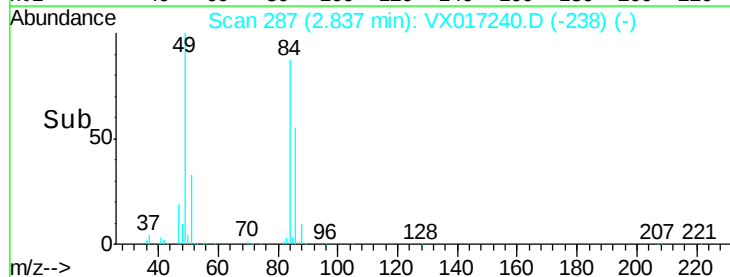
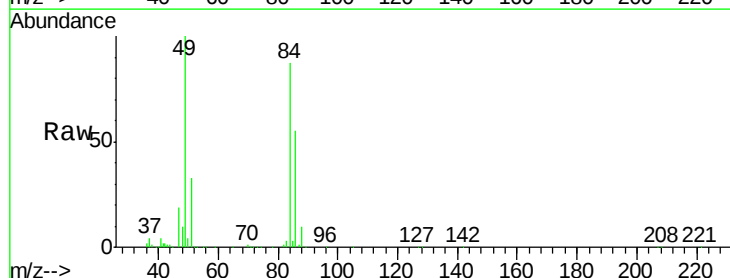
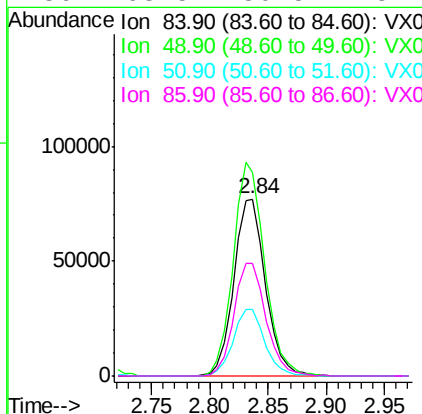
Manual Integrations
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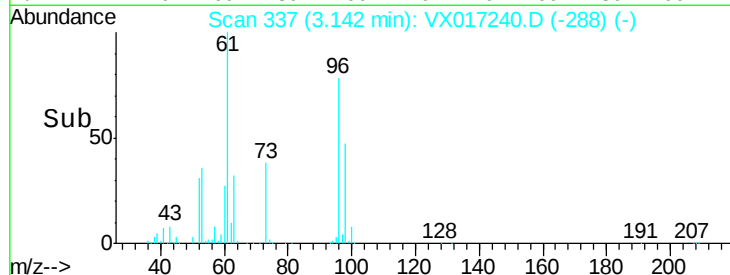
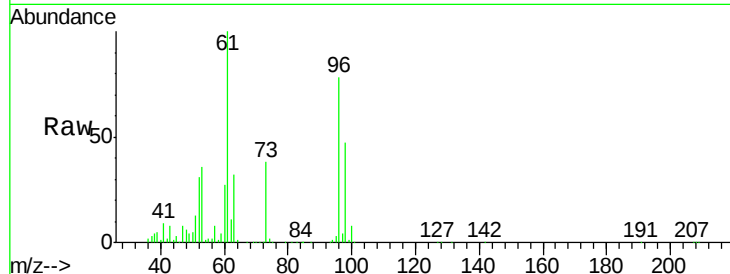
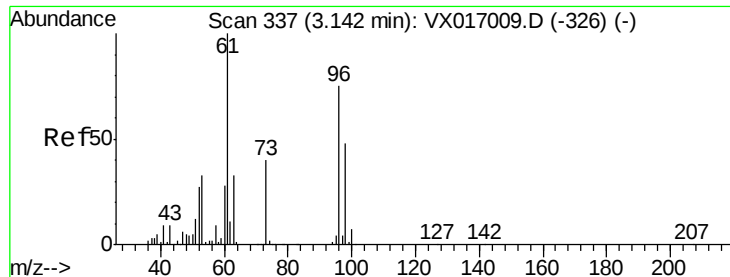
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#20
Methylene Chloride
Concen: 51.602 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Tgt Ion: 84 Resp: 145687
Ion Ratio Lower Upper
84 100
49 115.2 94.7 142.1
51 37.4 28.6 42.8
86 63.5 50.5 75.7





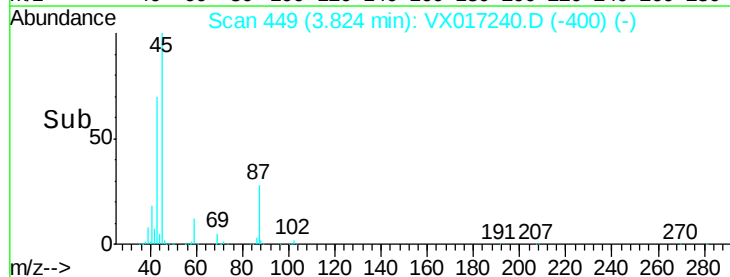
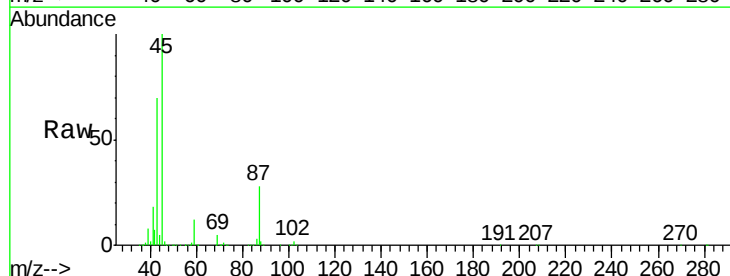
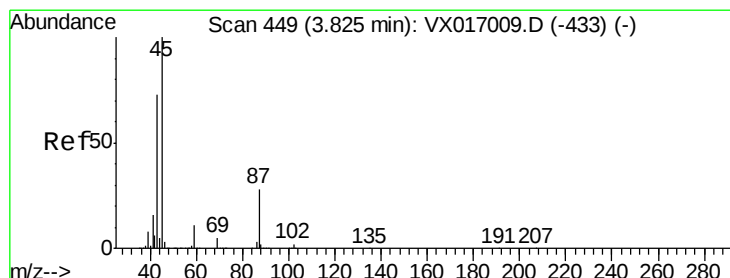
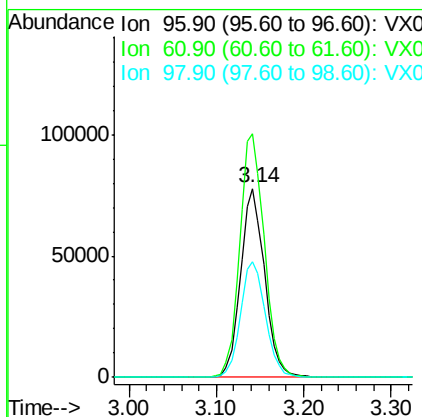
#21
trans-1,2-Dichloroethene
Concen: 50.748 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.9	107.0	160.6
98	61.0	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MS

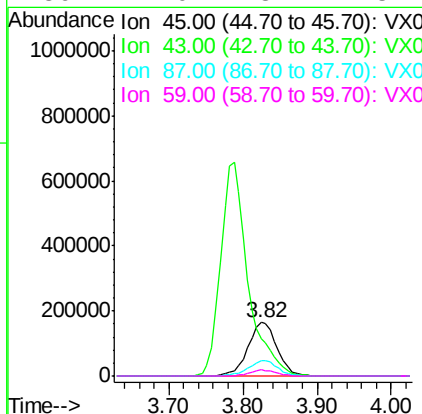
Manual Integrations
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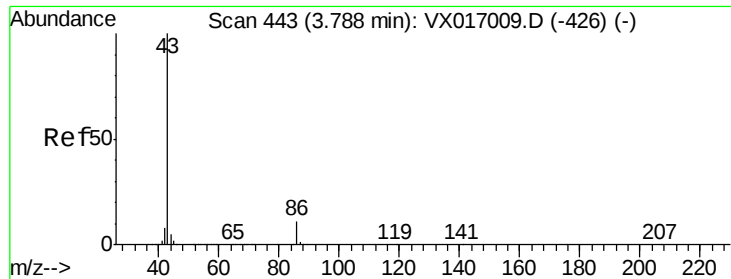
MMDadoda
7/8/2020 9:32:02 AM



#22
Diisopropyl ether
Concen: 49.906 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	69.9	58.6	88.0
87	28.4	22.6	34.0
59	12.0	8.7	13.1





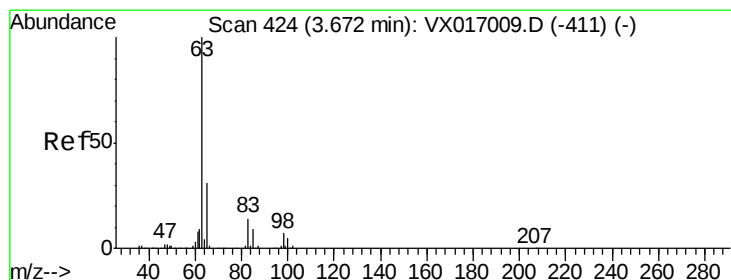
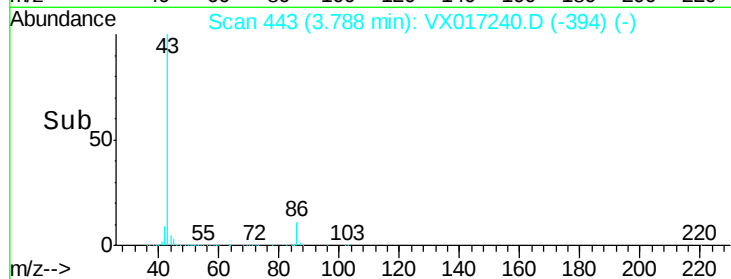
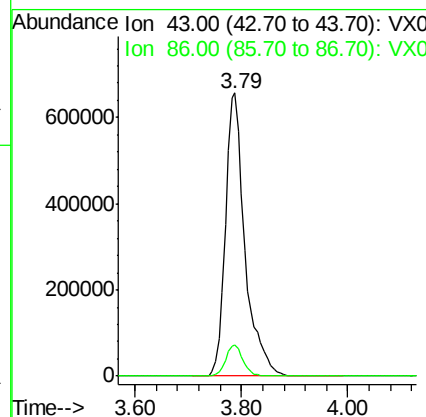
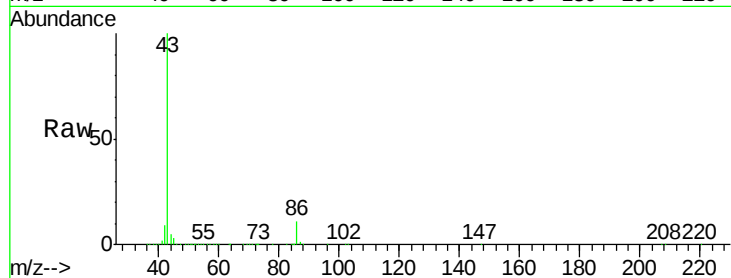
#23
 Vinyl Acetate
 Concen: 216.998 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MS

Tot Ion: 43 Resp: 1685190
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0

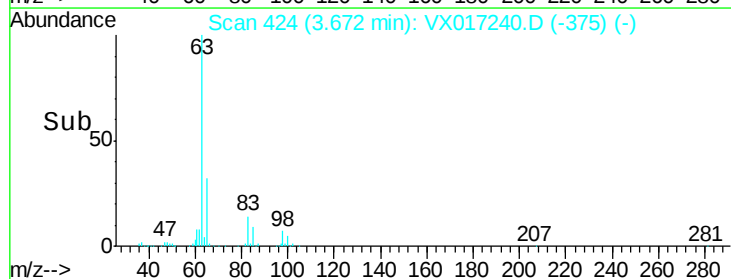
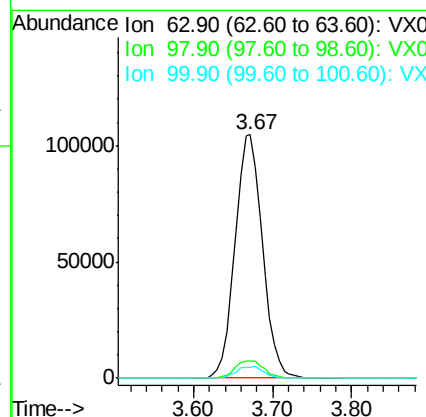
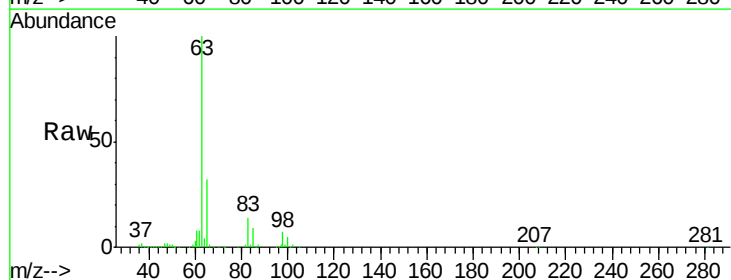
Manual Integrations
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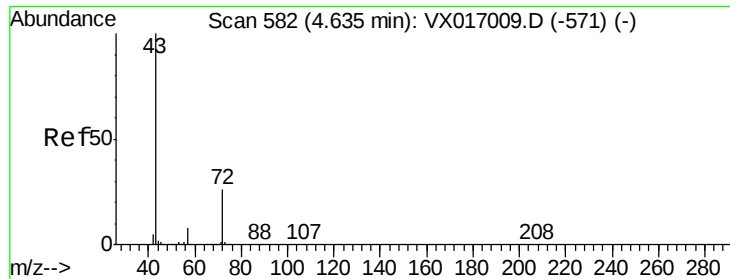
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#24
 1,1-Dichloroethane
 Concen: 49.177 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

Tgt Ion: 63 Resp: 252878
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.6 2.4 7.1





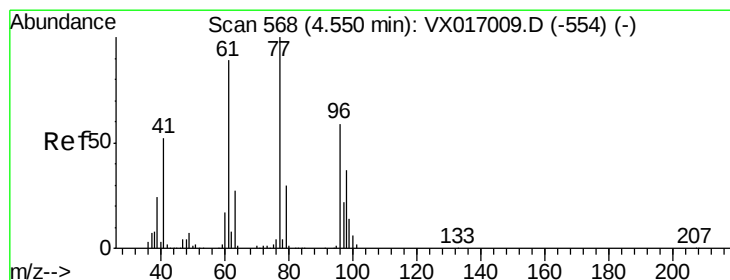
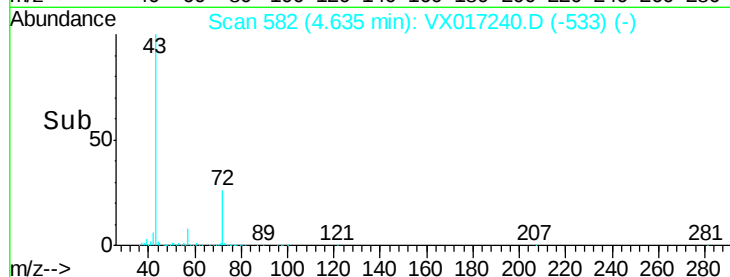
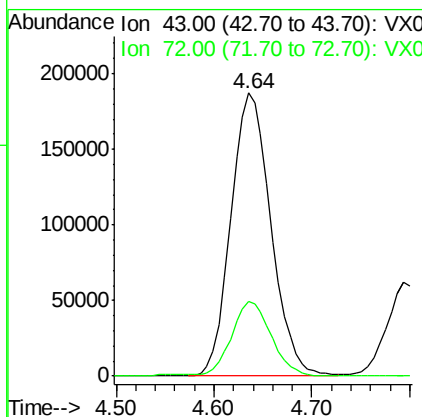
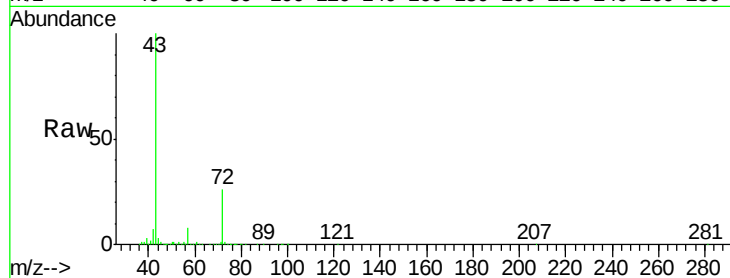
#25
2-Butanone
Concen: 257.347 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MS

Tot Ion: 43 Resp: 528120
Ion Ratio Lower Upper
43 100
72 26.2 20.8 31.2

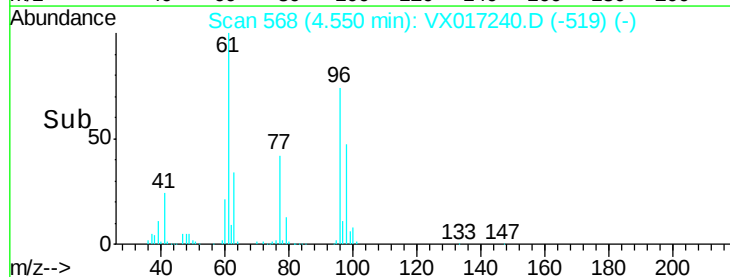
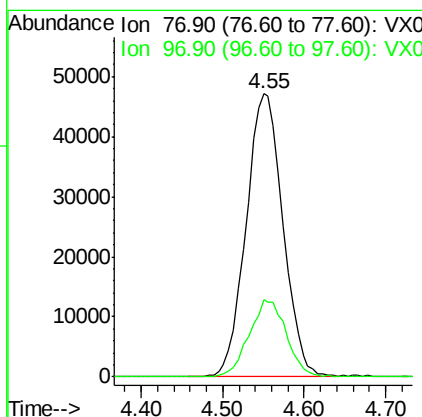
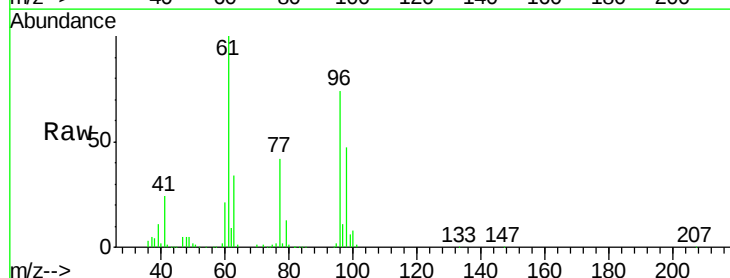
Manual Integrations
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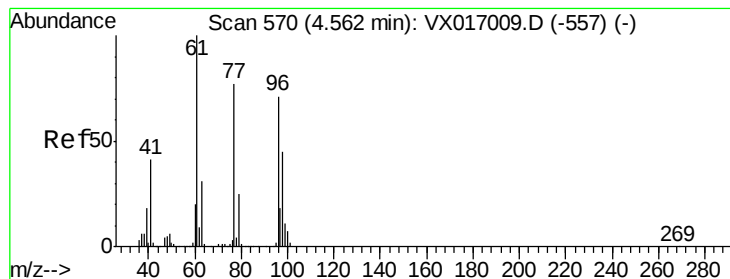
MMDadoda
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#26
2,2-Dichloropropane
Concen: 32.451 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Tgt Ion: 77 Resp: 148166
Ion Ratio Lower Upper
77 100
97 27.5 11.4 34.2





#27

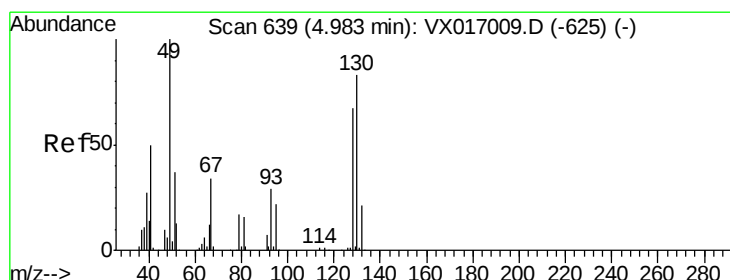
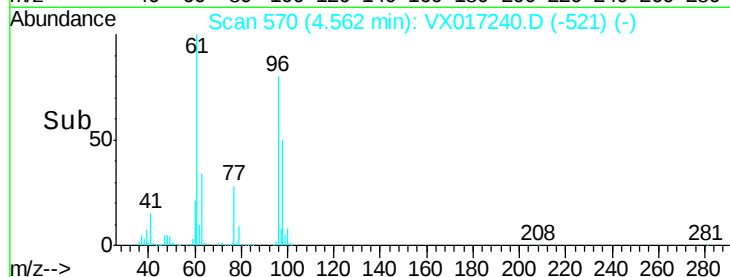
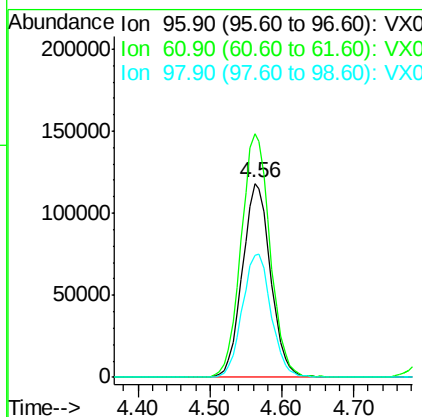
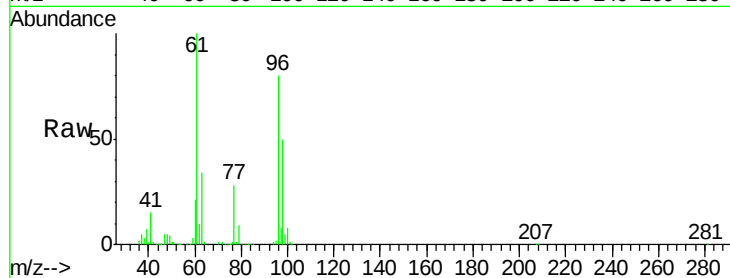
cis-1,2-Dichloroethene
 Concen: 96.769 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	321492		
61	129.3	0.0	282.8	
98	64.9	0.0	127.6	

Manual Integrations
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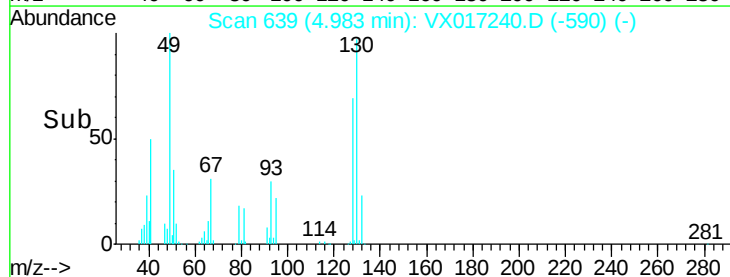
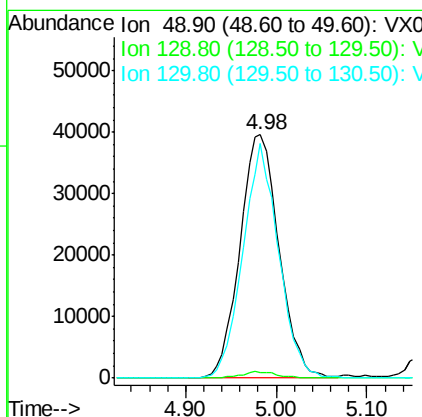
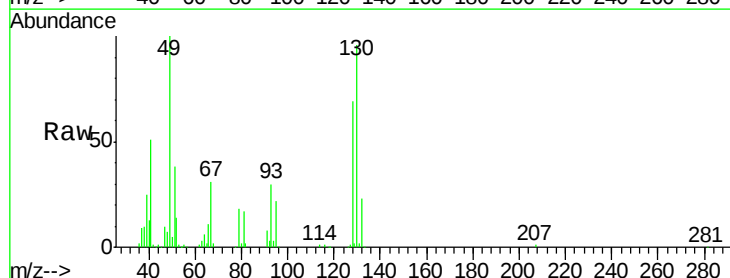
MMDadoda
 7/8/2020 9:32:02 AM

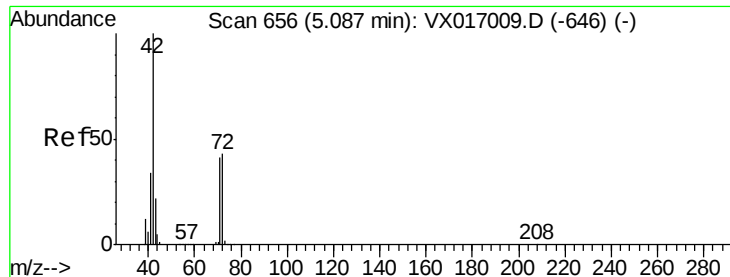


#28

Bromochloromethane
 Concen: 47.319 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	118408		
129	2.4	0.0	4.2	
130	87.8	66.6	100.0	





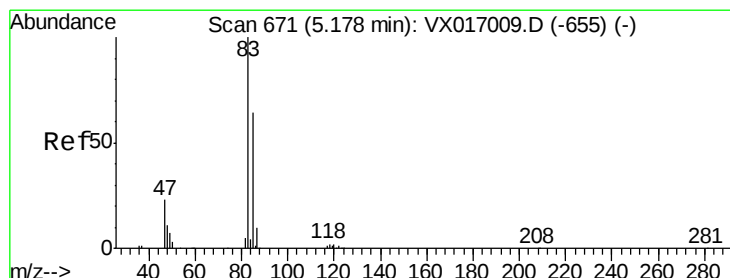
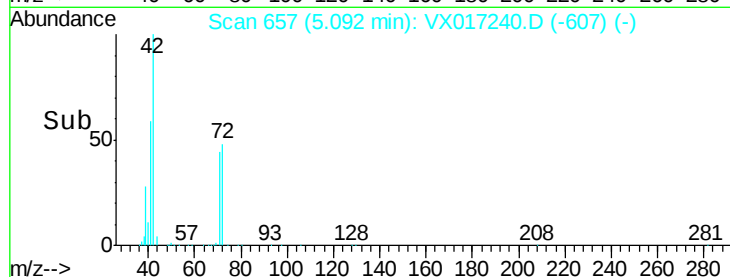
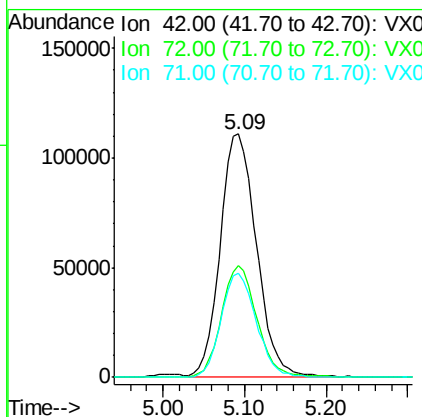
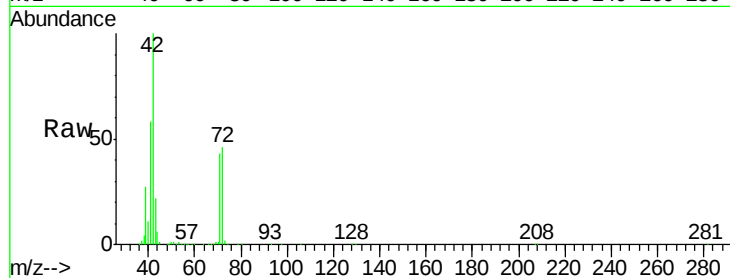
#29
Tetrahydrofuran
Concen: 250.518 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	35.3	52.9
71	41.9	33.1	49.7

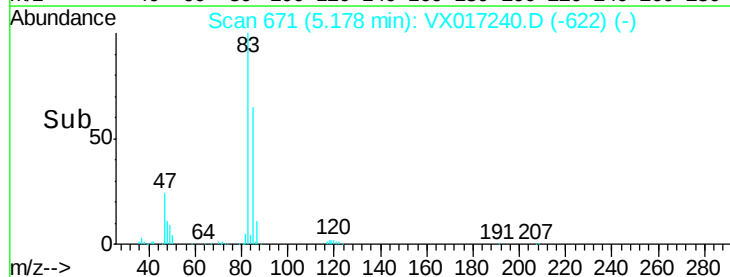
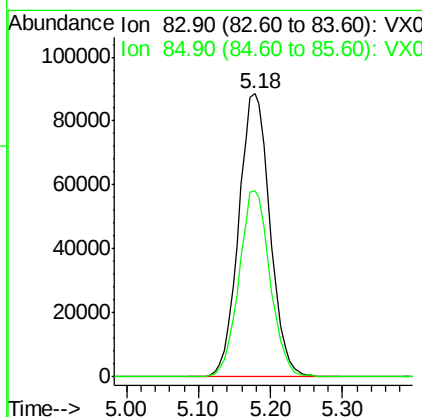
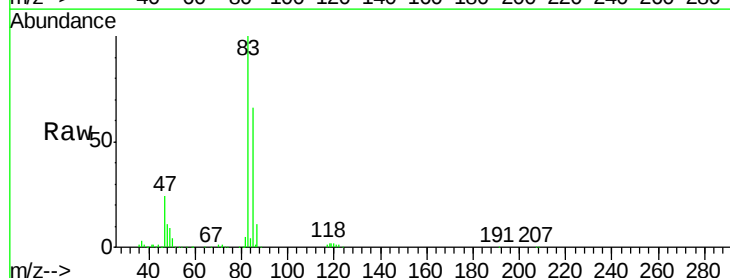
Manual Integrations
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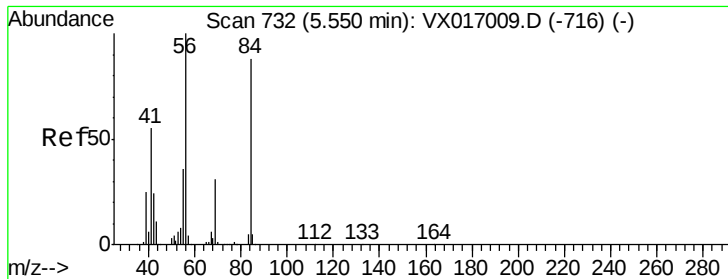
MMDadoda
7/8/2020 9:32:02 AM



#30
Chloroform
Concen: 50.575 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.4	77.2





#31

Cyclohexane

Concen: 46.147 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

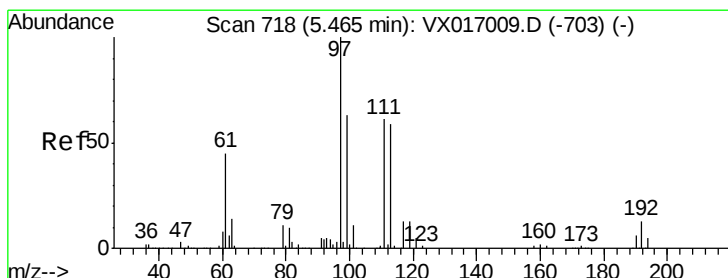
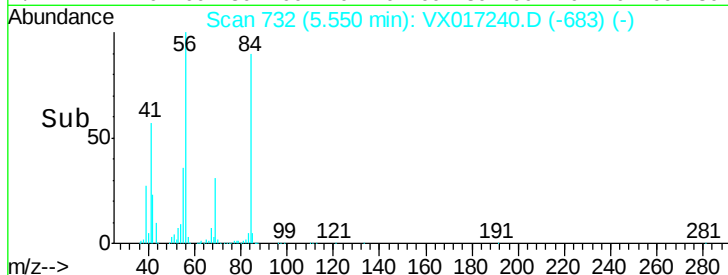
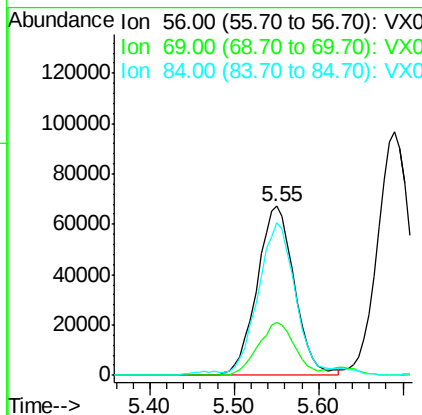
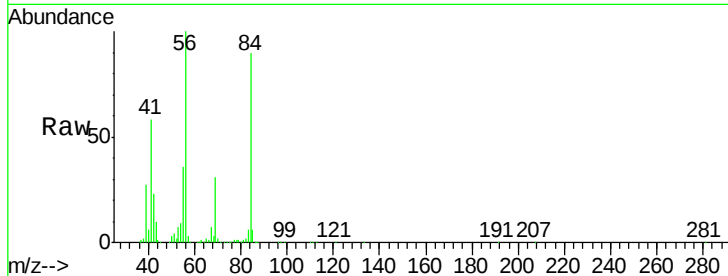
ClientSampleId :

1004-MW-02MS

Tot Ion:	56	Resp:	205116
Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.0	37.4
84	89.1	69.1	103.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.275 ug/l

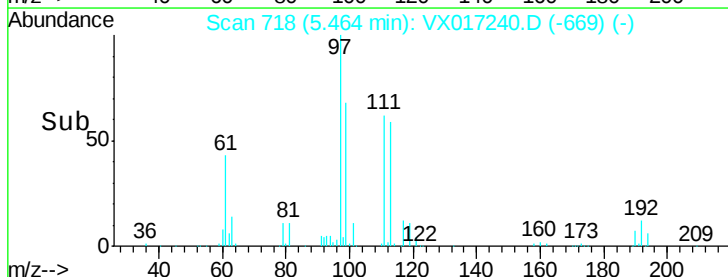
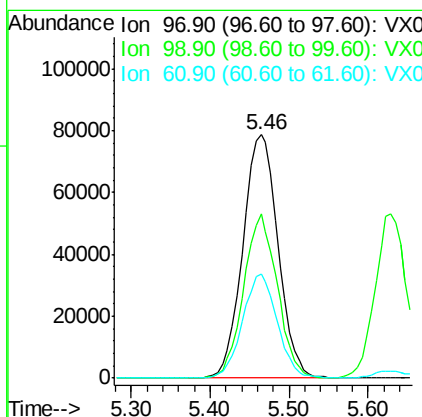
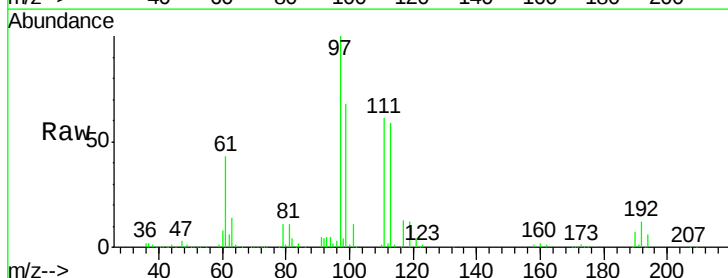
RT: 5.46 min Scan# 718

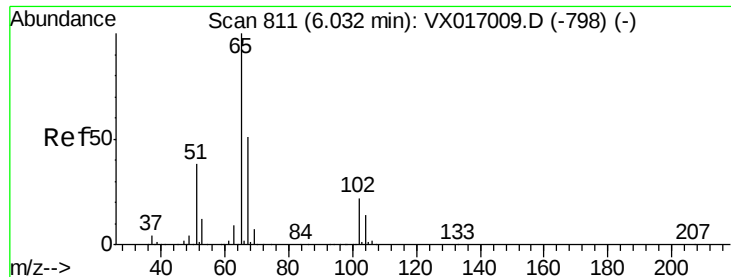
Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Tgt Ion:	97	Resp:	244069
Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.8	76.2
61	42.0	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 50.667 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MS

Tot Ion: 65 Resp: 166809

Ion Ratio Lower Upper

65 100

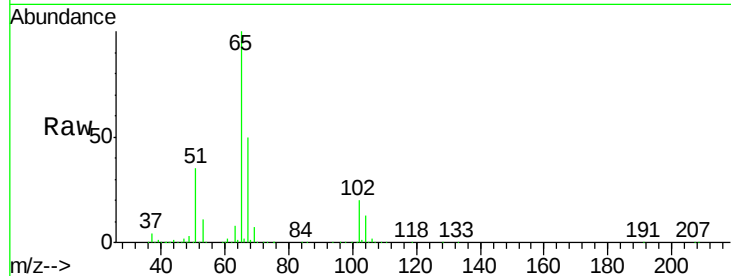
67 51.5 0.0 103.8

Manual Integrations

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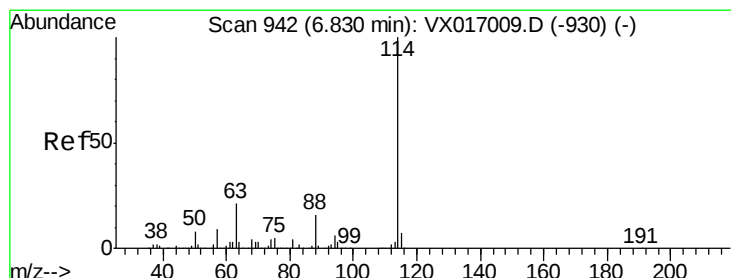
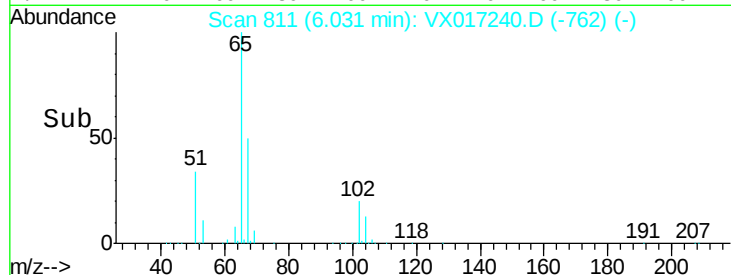
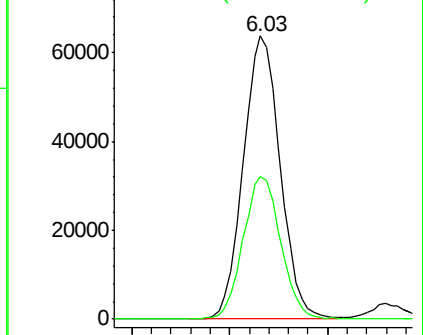
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

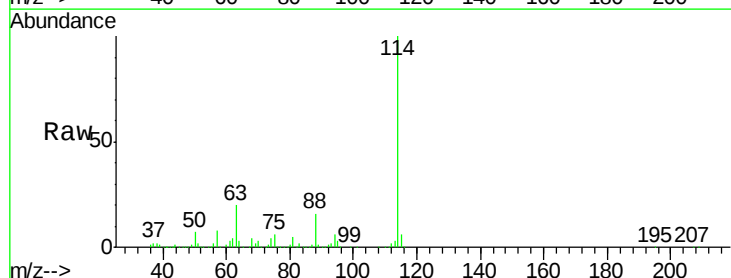
Tgt Ion: 114 Resp: 407434

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

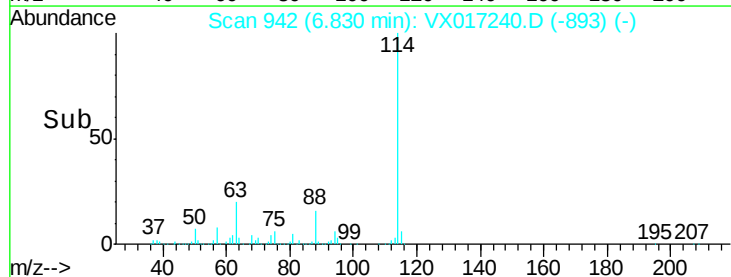
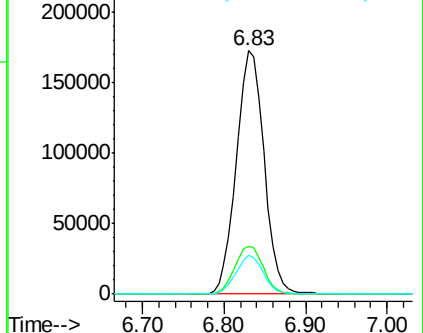
88 15.9 0.0 32.4

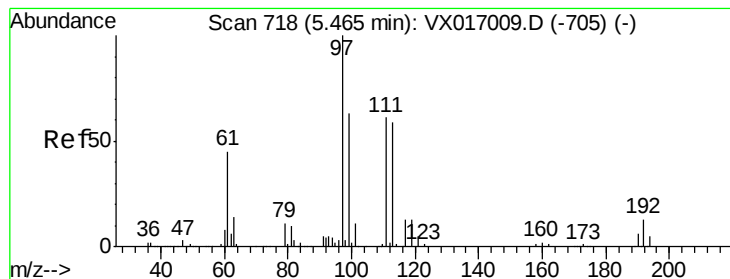


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.736 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

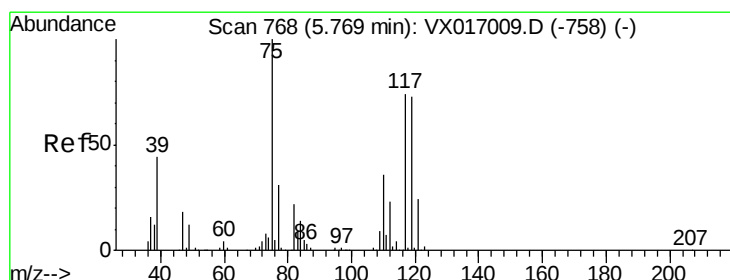
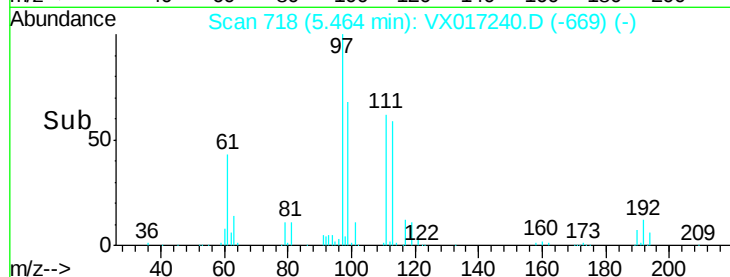
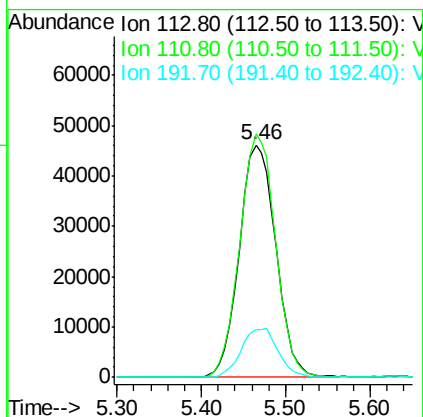
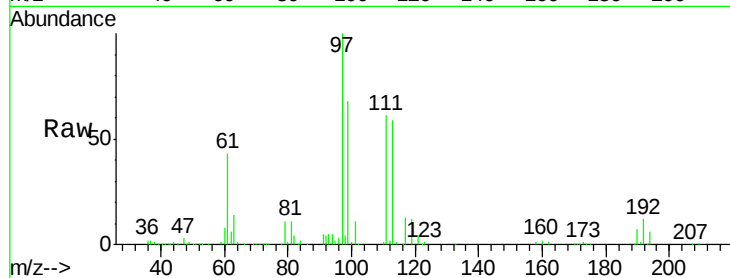
ClientSampleId :

1004-MW-02MS

Tot Ion:	113	Resp:	135916
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	21.1	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 49.089 ug/l

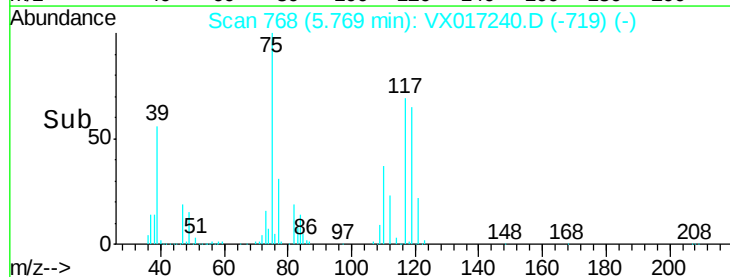
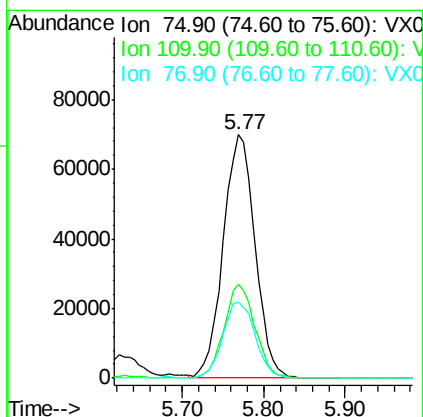
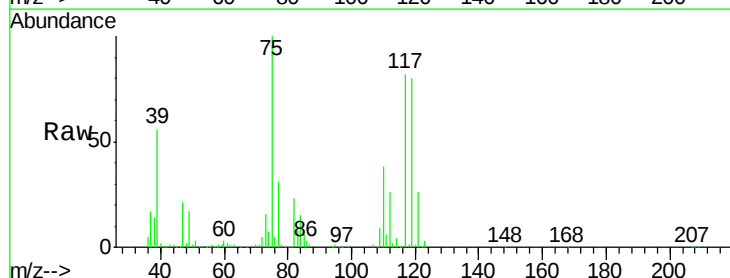
RT: 5.77 min Scan# 768

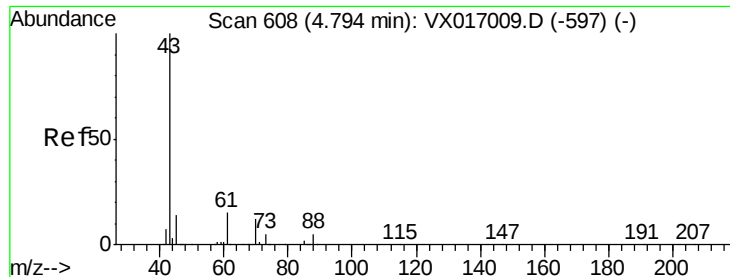
Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Tgt Ion:	75	Resp:	189031
Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.1	54.1
77	31.7	24.6	37.0





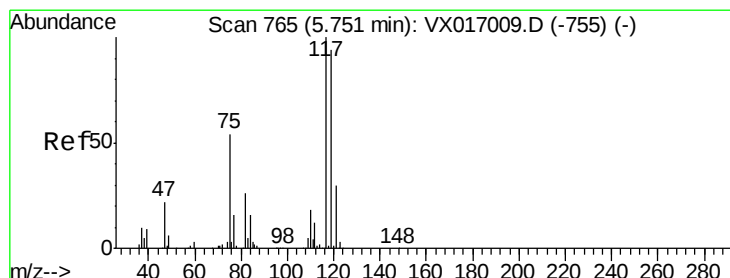
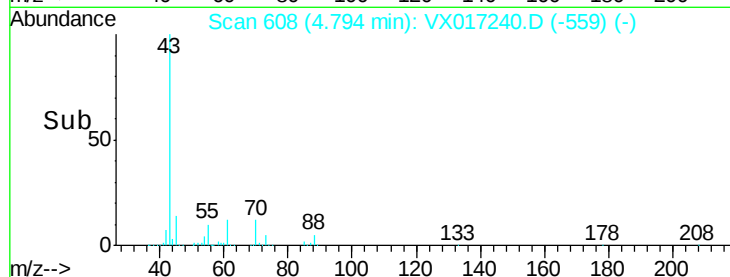
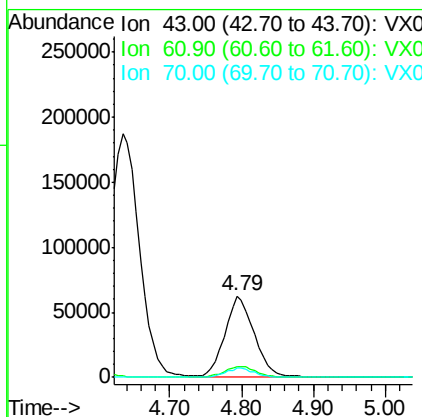
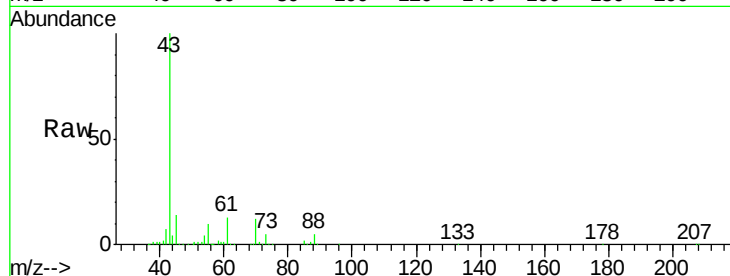
#37
Ethyl Acetate
Concen: 45.209 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Instrument :
MSVOA_X
ClientSampled :
1004-MW-02MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	11.2	8.9	13.3

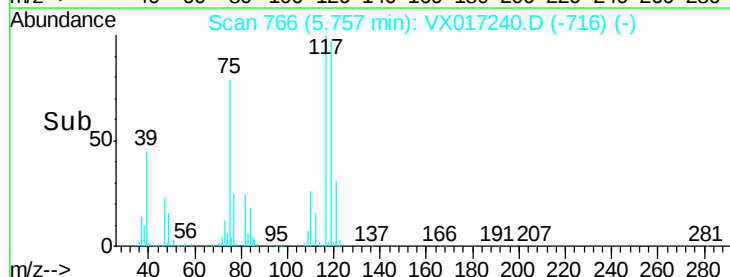
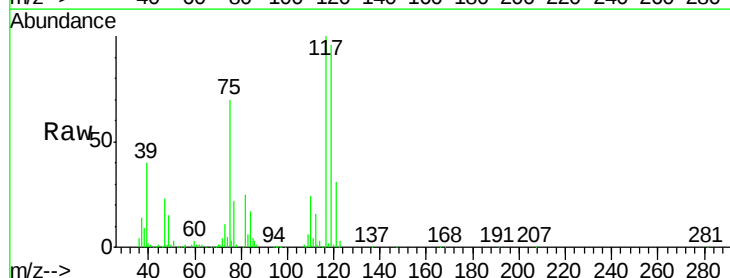
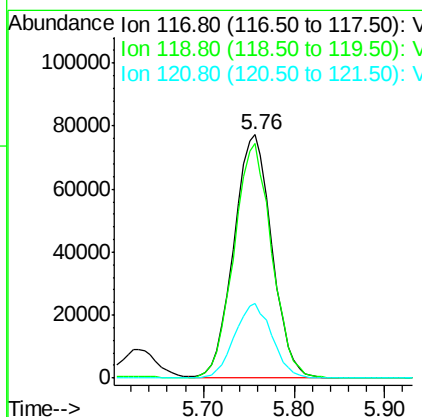
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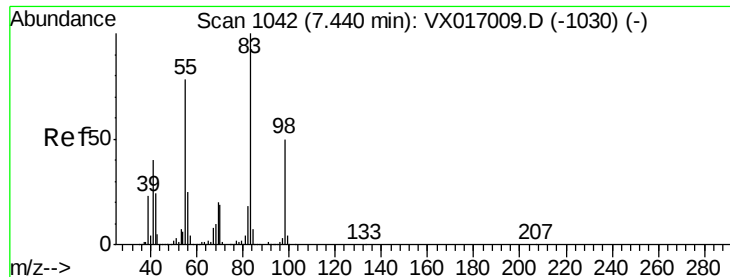
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#38
Carbon Tetrachloride
Concen: 52.974 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.4	113.0
121	30.6	23.8	35.6





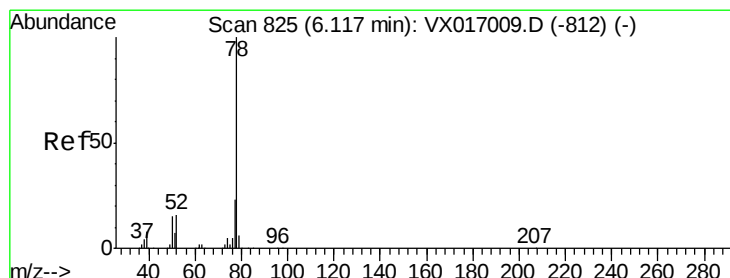
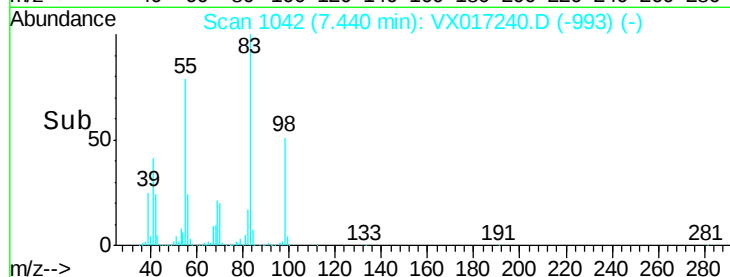
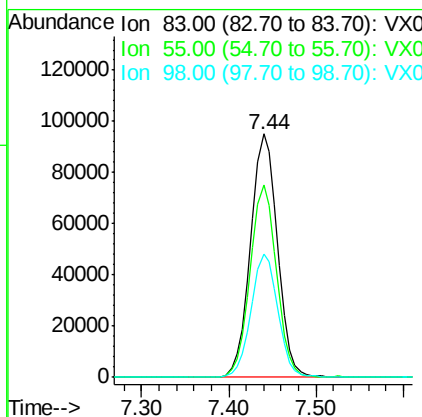
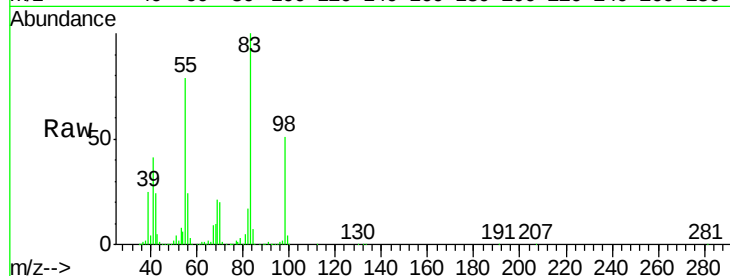
#39
Methvlcvclohexane
Concen: 47.635 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.7	62.5	93.7
98	50.9	40.1	60.1

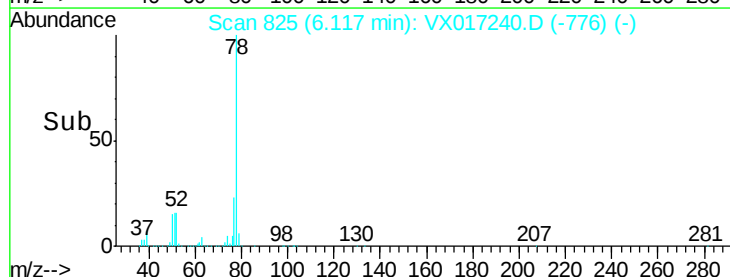
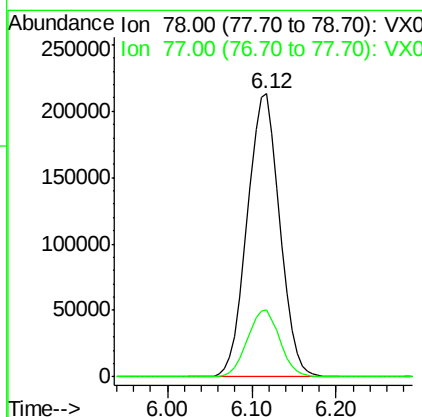
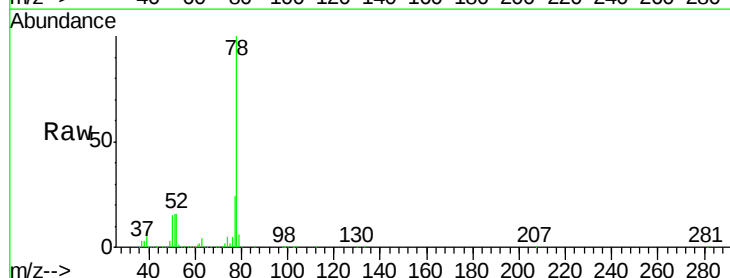
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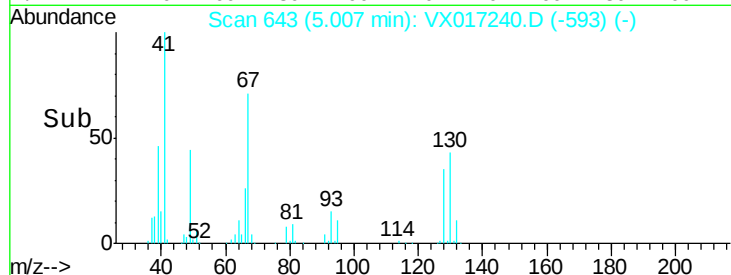
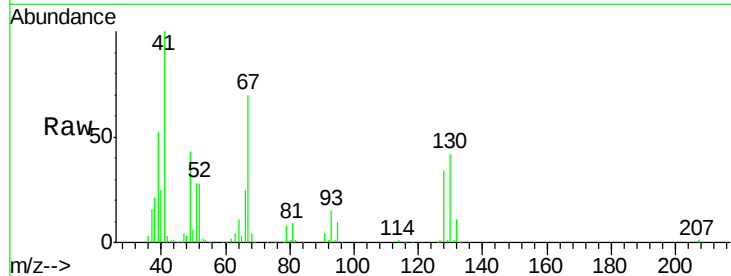
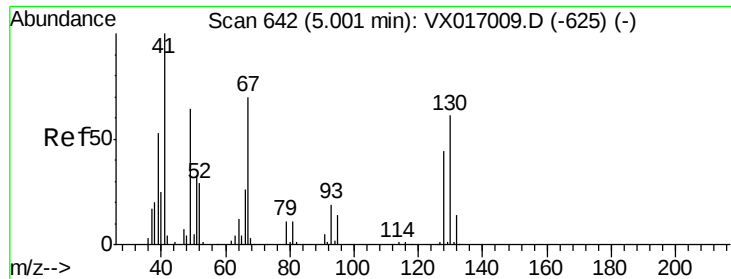
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#40
Benzene
Concen: 49.384 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.3	27.5





#41

Methacrylonitrile

Concen: 50.885 ug/l

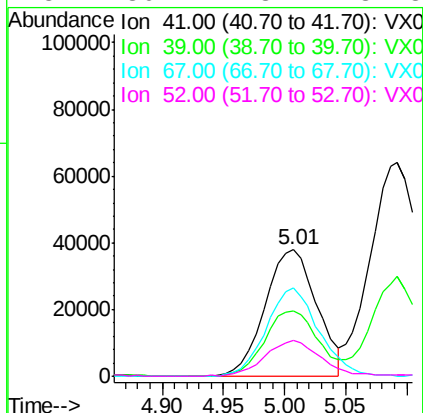
RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	52.4	44.4	66.6		
67	70.8	57.1	85.7		
52	30.1	23.2	34.8		



Instrument :

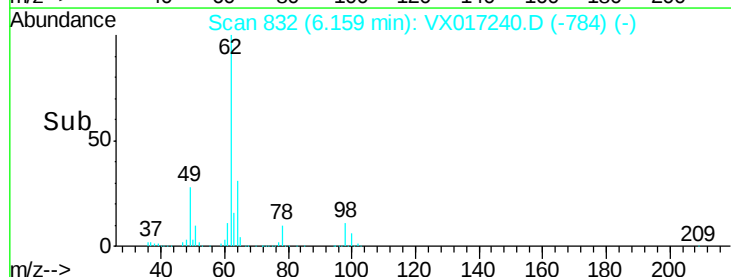
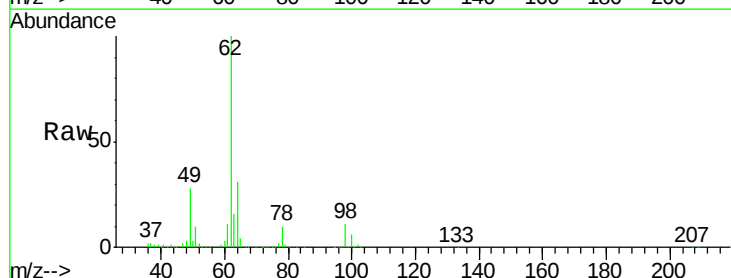
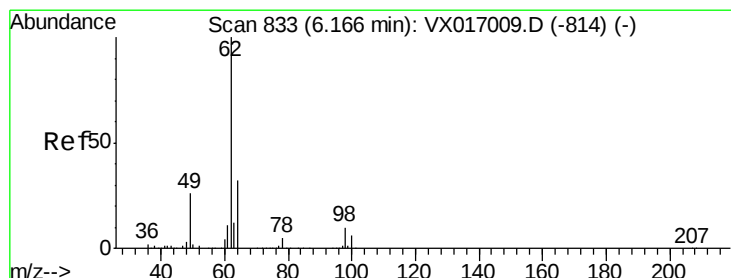
MSVOA_X

ClientSampleId :

1004-MW-02MS

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 52.807 ug/l

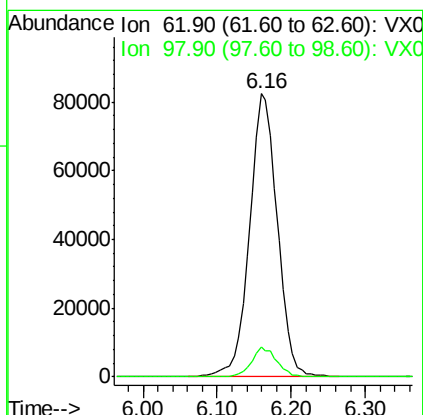
RT: 6.16 min Scan# 832

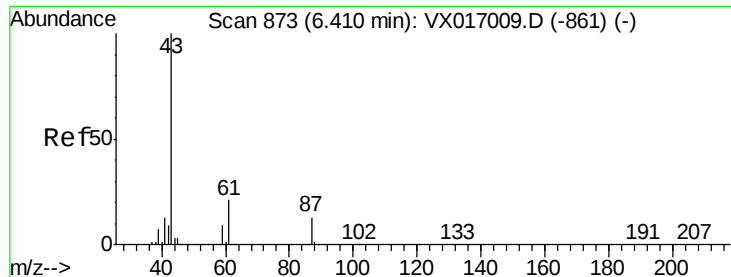
Delta R.T. -0.01 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.5	0.0	19.2		





#43

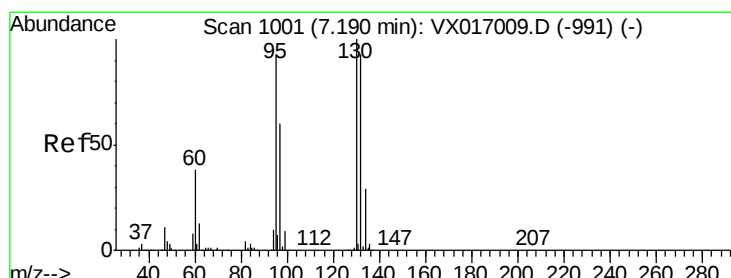
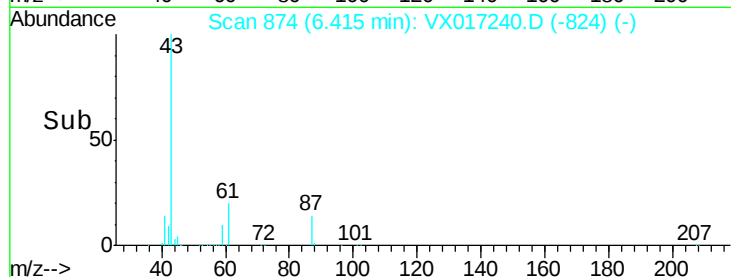
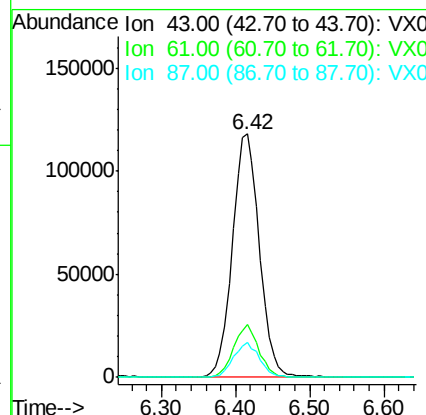
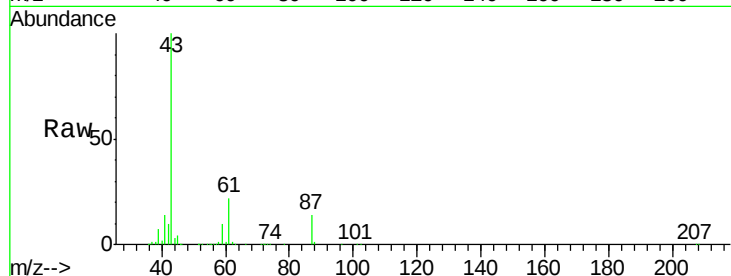
Isopropyl Acetate
 Concen: 45.878 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.2	24.2
87	13.9	10.7	16.1

Manual Integrations
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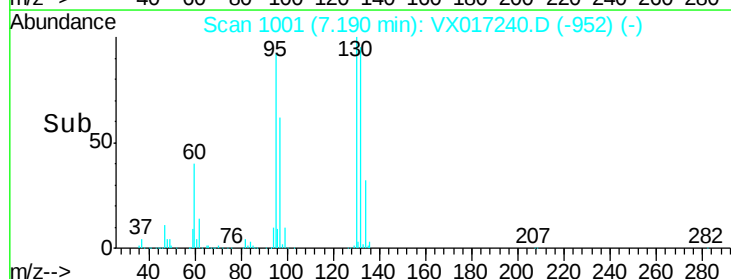
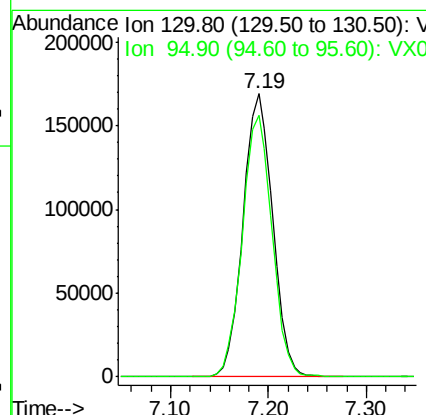
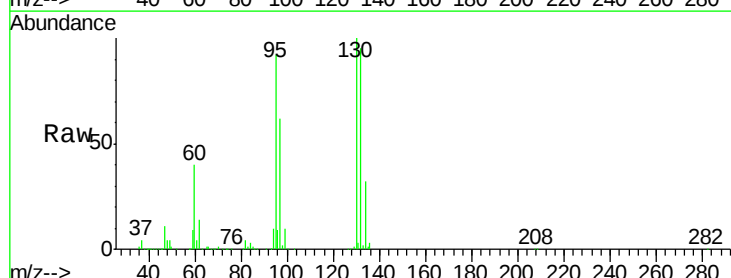
MMDadoda
 7/8/2020 9:32:02 AM

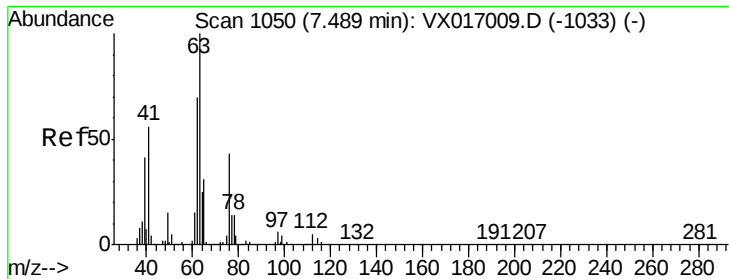


#44

Trichloroethene
 Concen: 114.380 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	185.0





#45

1,2-Dichloropropane

Concen: 50.656 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MS

Tot Ion: 63 Resp: 147205

Ion Ratio Lower Upper

63 100

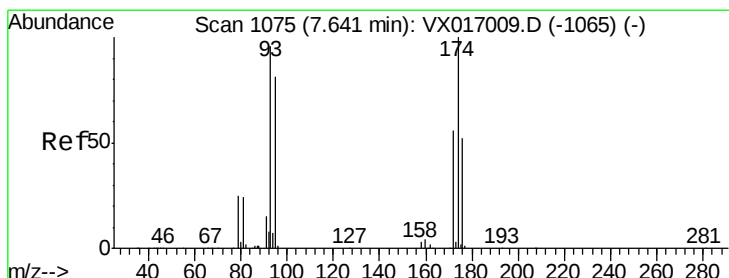
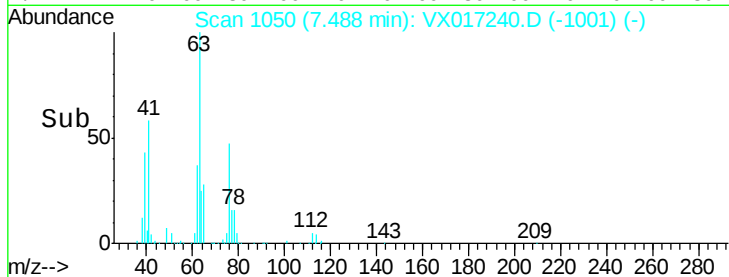
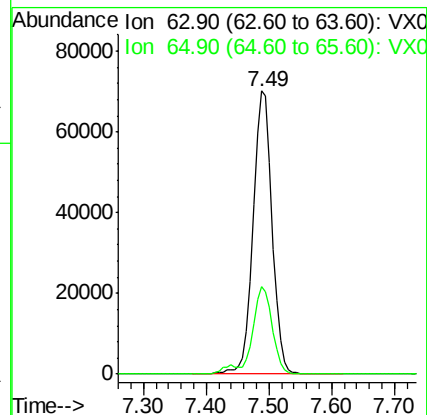
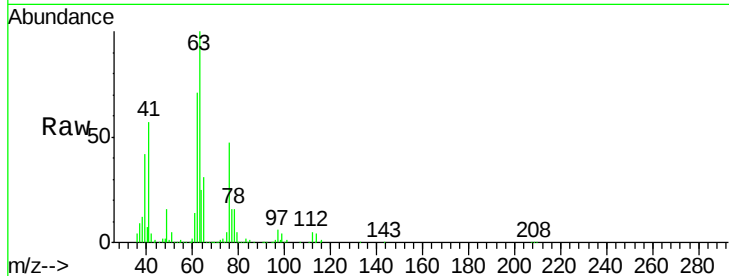
65 30.8 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 51.844 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

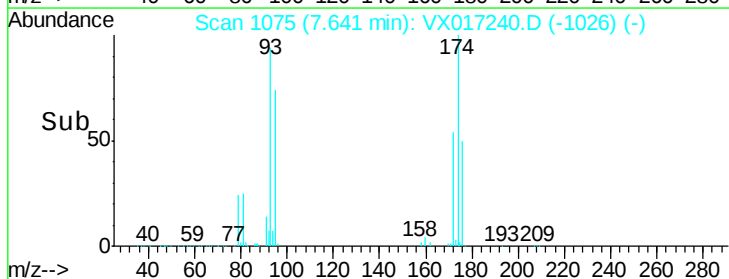
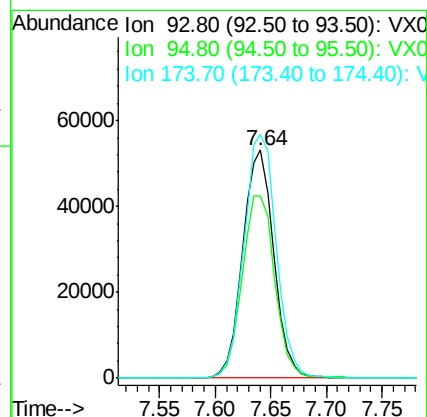
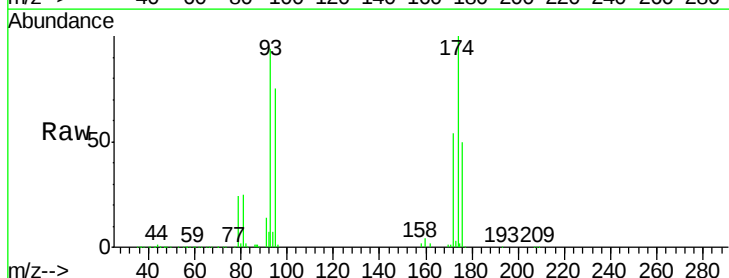
Tgt Ion: 93 Resp: 102857

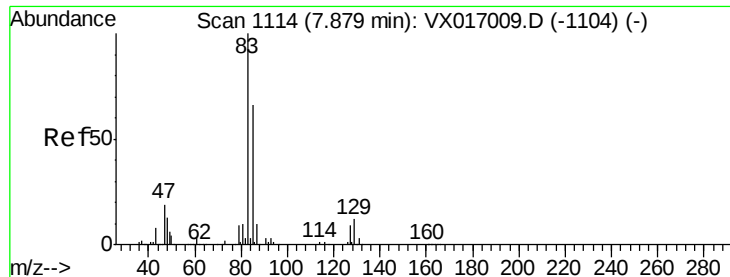
Ion Ratio Lower Upper

93 100

95 83.8 67.4 101.0

174 111.1 84.3 126.5





#47

Bromodichloromethane

Concen: 53.335 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

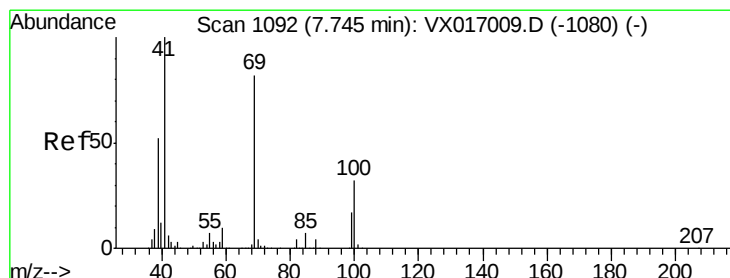
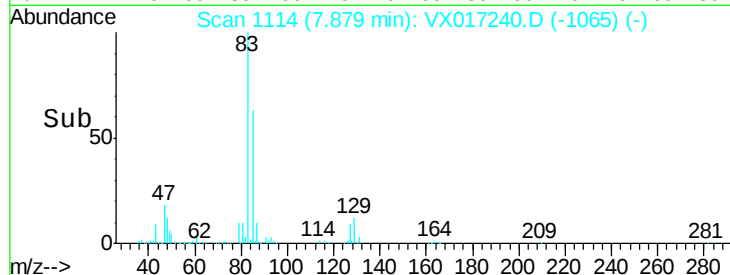
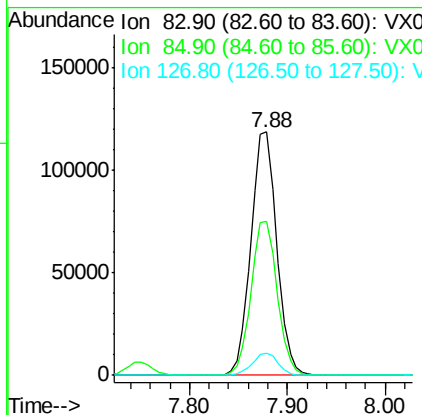
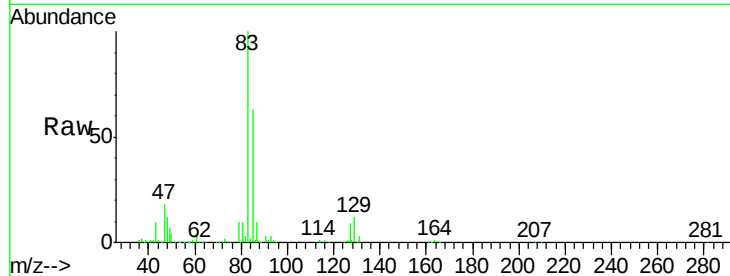
ClientSampleId :

1004-MW-02MS

Tot Ion:	83	Resp:	218064
Ion	Ratio	Lower	Upper
83	100		
85	63.0	53.0	79.4
127	9.1	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.553 ug/l

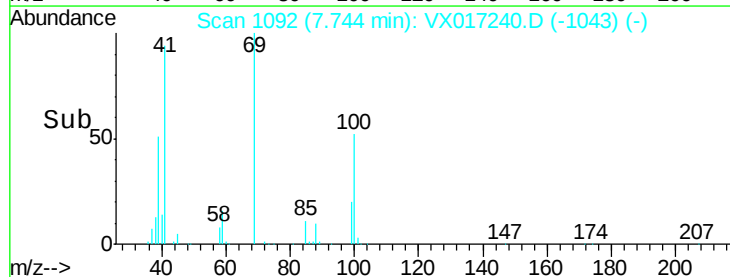
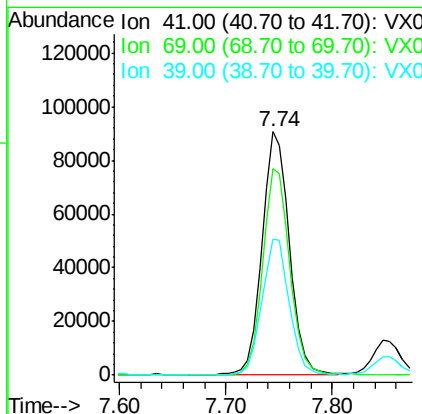
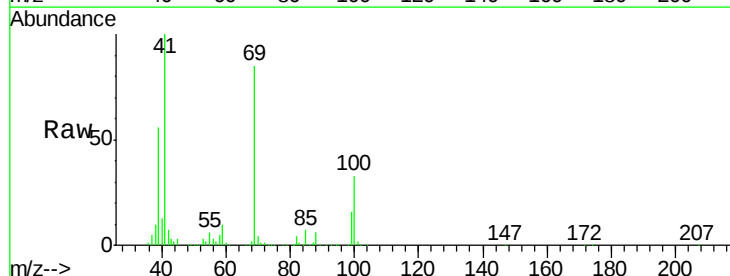
RT: 7.74 min Scan# 1092

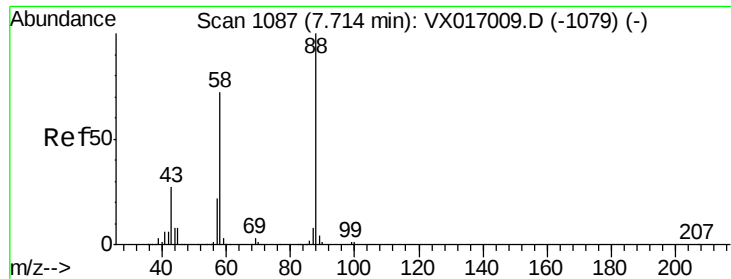
Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Tgt Ion:	41	Resp:	162097
Ion	Ratio	Lower	Upper
41	100		
69	84.7	65.8	98.8
39	56.0	42.5	63.7





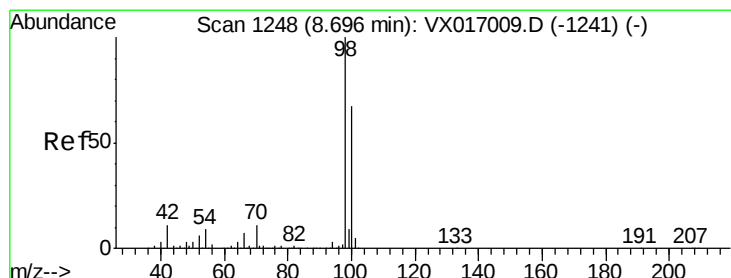
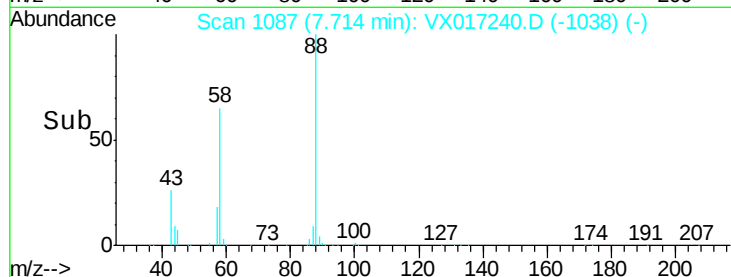
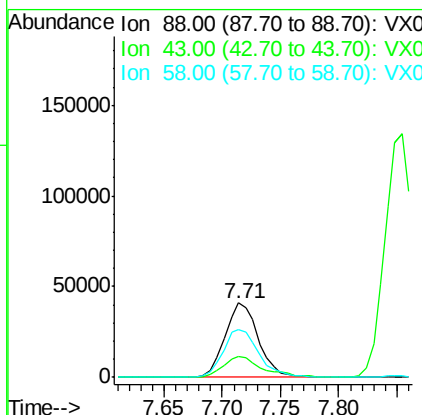
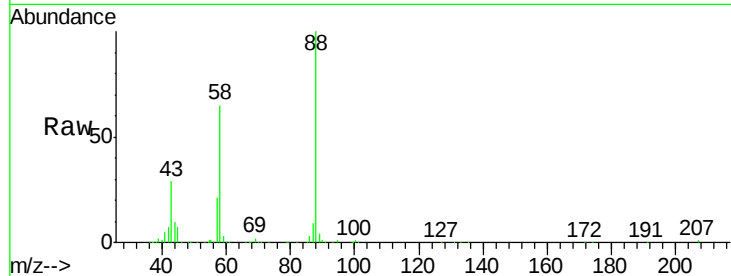
#49
1,4-Dioxane
Concen: 1169.144 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	25.8	38.8
58	69.4	54.8	82.2

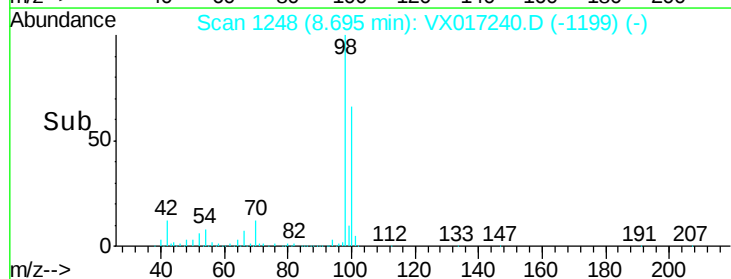
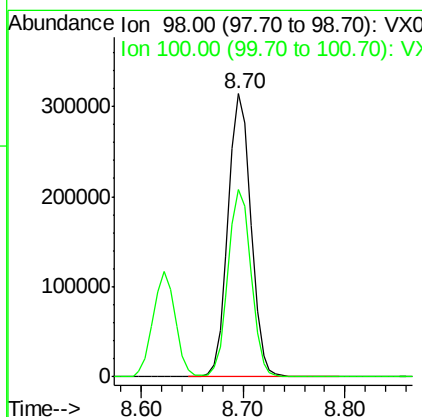
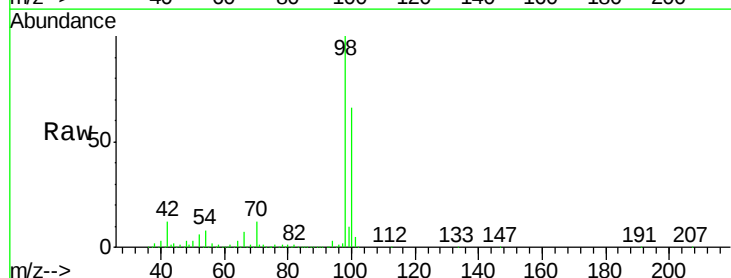
Manual Integrations
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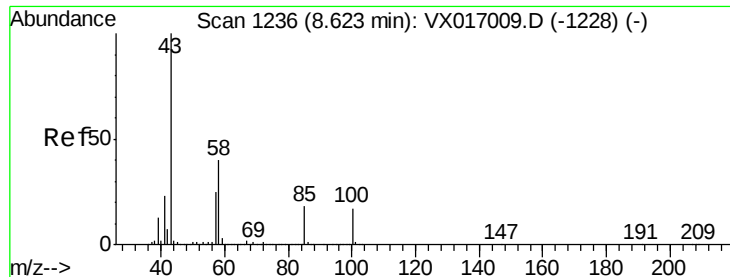
MMDadoda
7/8/2020 9:32:02 AM



#50
Toluene-d8
Concen: 50.917 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.8	80.6





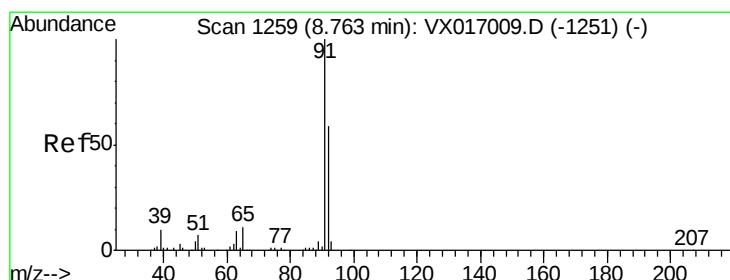
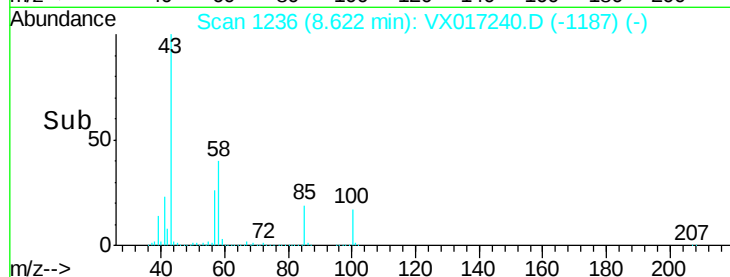
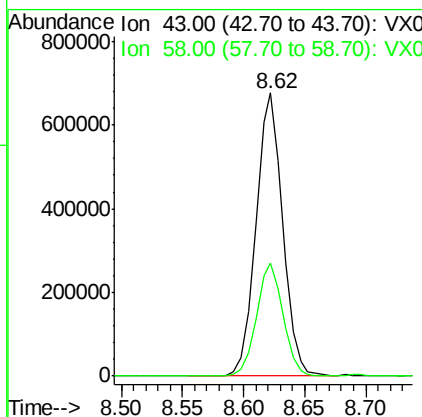
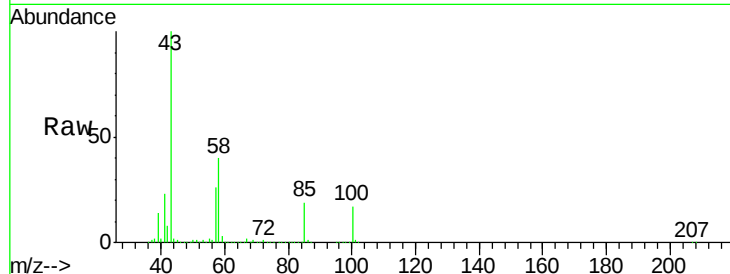
#51
4-Methyl-2-Pentanone
Concen: 265.927 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MS

Tot Ion: 43 Resp: 1029153
Ion Ratio Lower Upper
43 100
58 39.8 31.9 47.9

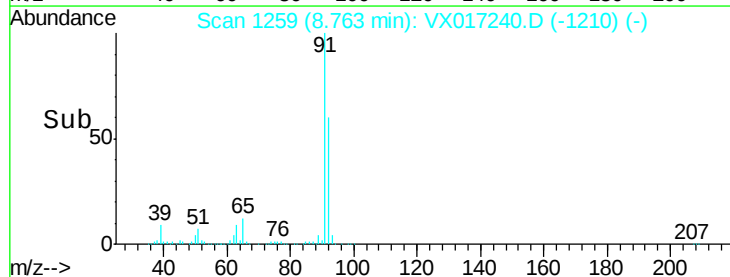
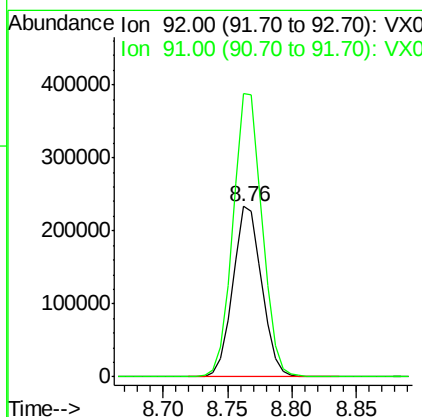
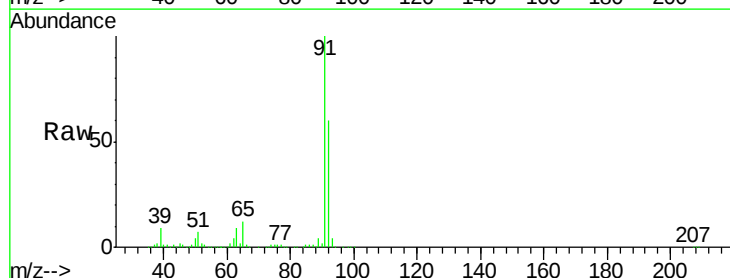
Manual Integrations
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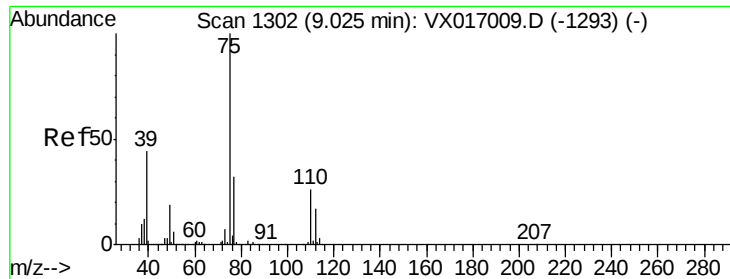
MMDadoda
7/8/2020 9:32:02 AM



#52
Toluene
Concen: 51.658 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Tgt Ion: 92 Resp: 364905
Ion Ratio Lower Upper
92 100
91 167.5 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 47.701 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MS

Tot Ion: 75 Resp: 215182

Ion Ratio Lower Upper

75 100

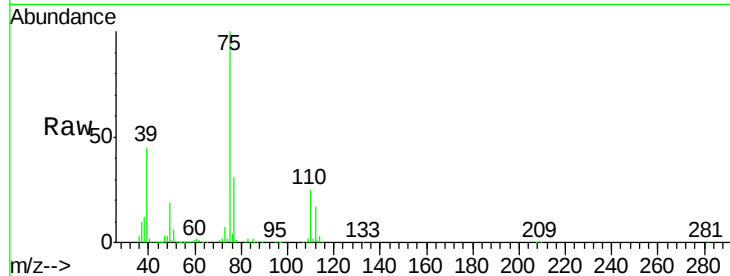
77 31.5 25.6 38.4

Manual Integrations

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MMDadoda

7/8/2020 9:32:02 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

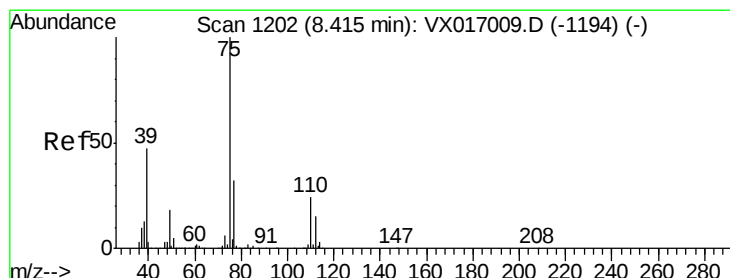
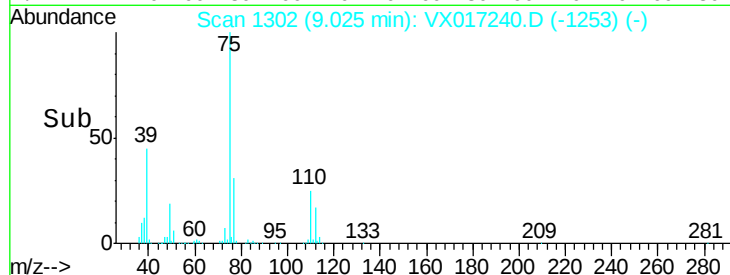
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.859 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

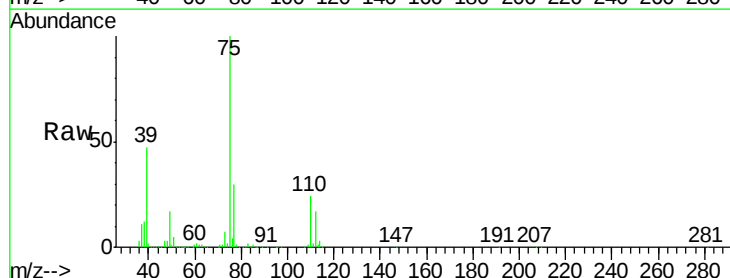
Tgt Ion: 75 Resp: 226601

Ion Ratio Lower Upper

75 100

77 30.3 25.2 37.8

39 46.9 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

200000

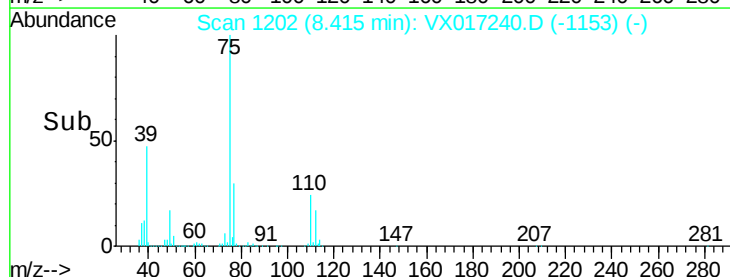
150000

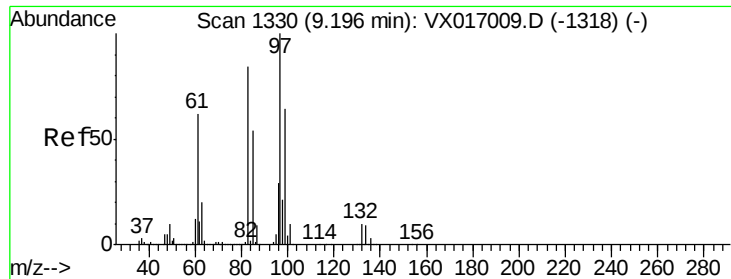
100000

50000

0

Time-->





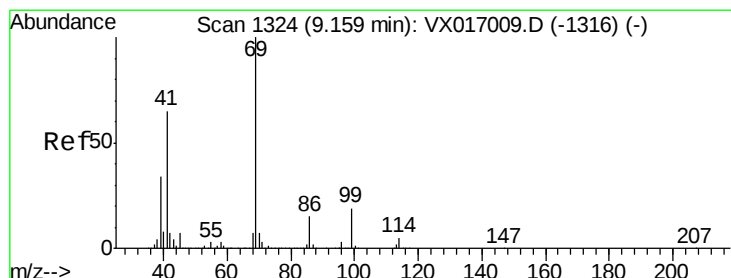
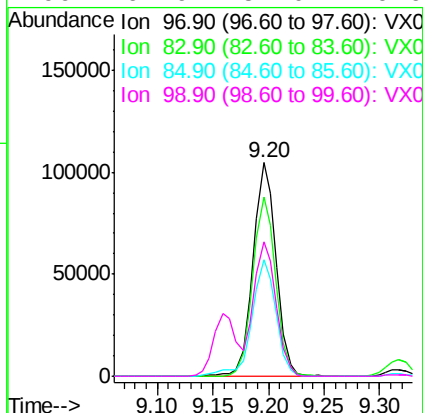
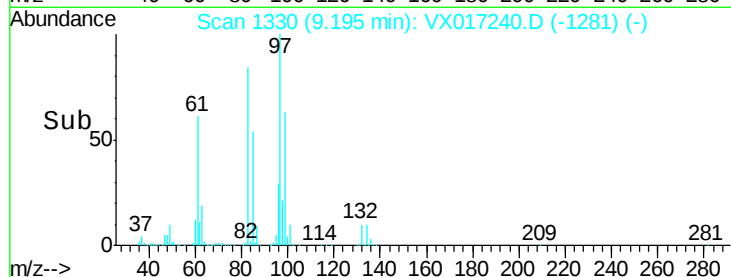
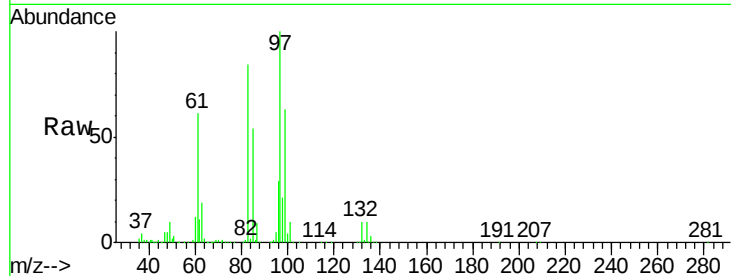
#55
 1,1,2-Trichloroethane
 Concen: 52.426 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MS

Tot Ion:	97	Resp:	151306
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.0	100.6
85	54.4	43.5	65.3
99	62.9	51.0	76.6

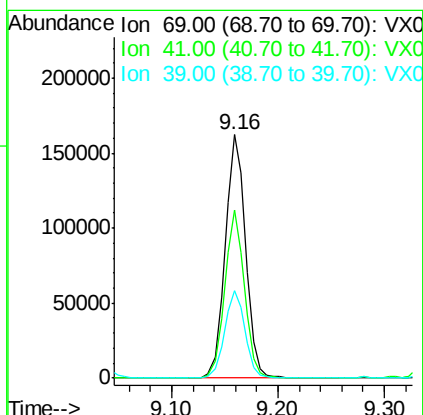
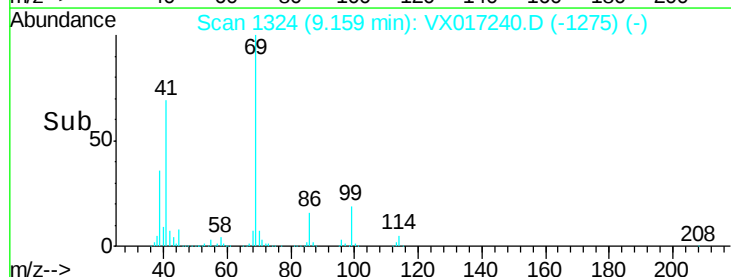
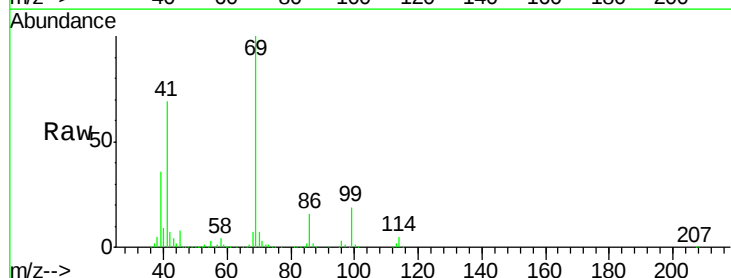
Manual Integrations
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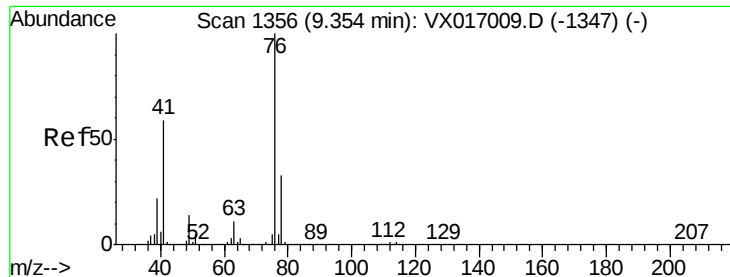
MMDadoda
 7/8/2020 9:32:02 AM



#56
 Ethyl methacrylate
 Concen: 52.800 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

Tgt Ion:	69	Resp:	216895
Ion	Ratio	Lower	Upper
69	100		
41	66.6	53.6	80.4
39	35.9	28.2	42.2





#57

1,3-Dichloropropane

Concen: 52.274 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MS

Tot Ion: 76 Resp: 255286

Ion Ratio Lower Upper

76 100

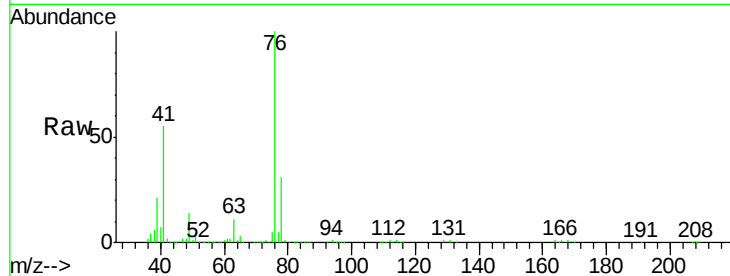
78 32.2 25.9 38.9

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

9.35

200000

150000

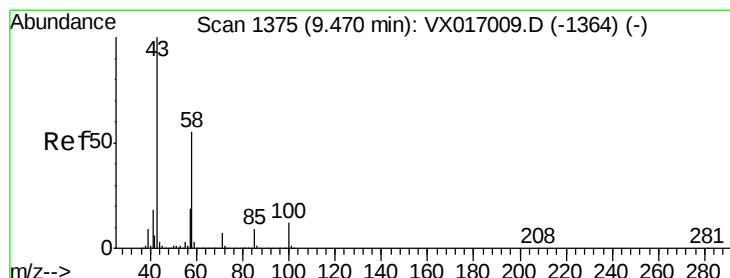
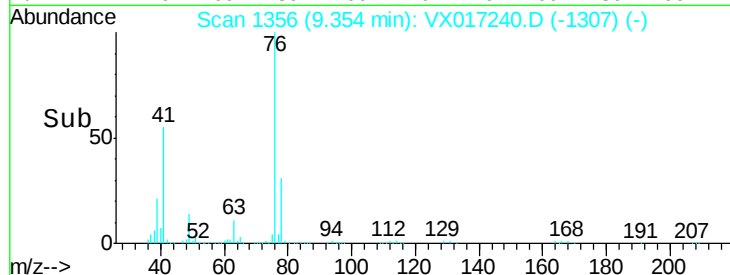
100000

50000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 282.910 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.00 min

Lab File: VX017240.D

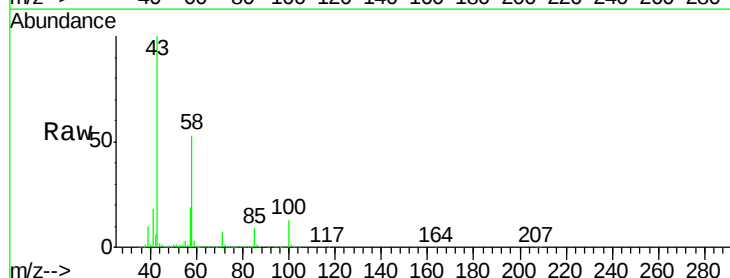
Acq: 08 Jul 2020 06:17

Tgt Ion: 43 Resp: 799625

Ion Ratio Lower Upper

43 100

58 54.6 27.9 83.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.47

600000

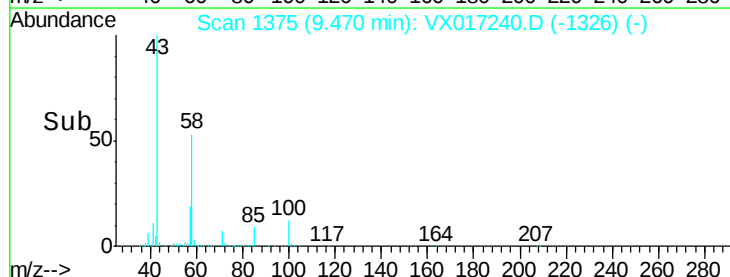
400000

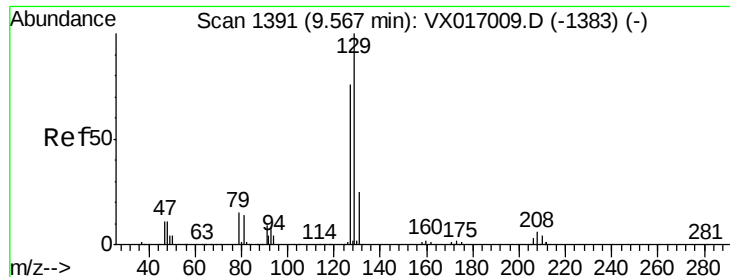
200000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 53.988 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MS

Tot Ion:129 Resp: 180974

Ion Ratio Lower Upper

129 100

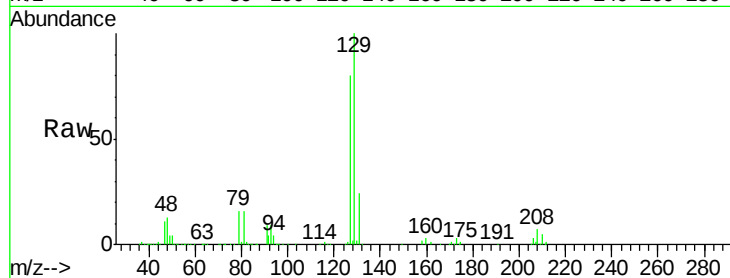
127 79.1 38.9 116.7

Manual Integrations

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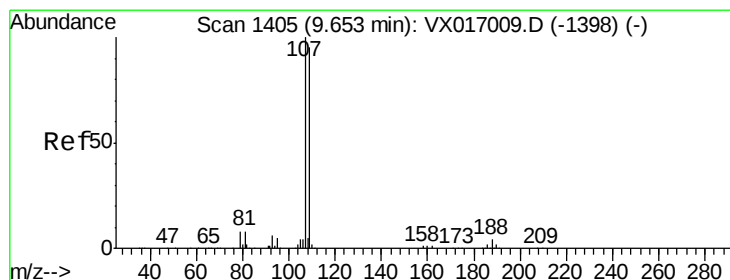
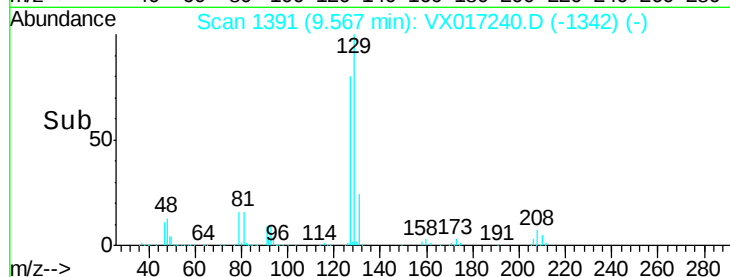
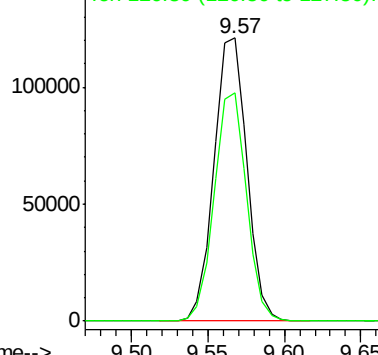
MMDadoda

7/8/2020 9:32:02 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.403 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017240.D

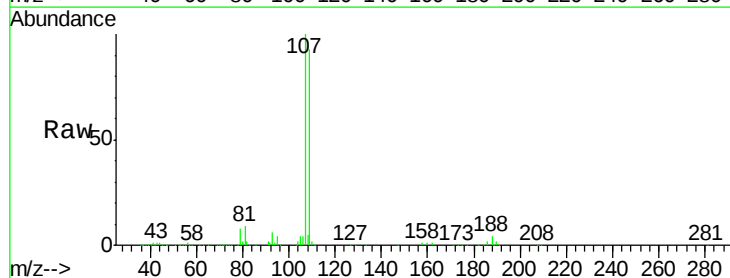
Acq: 08 Jul 2020 06:17

Tgt Ion:107 Resp: 162569

Ion Ratio Lower Upper

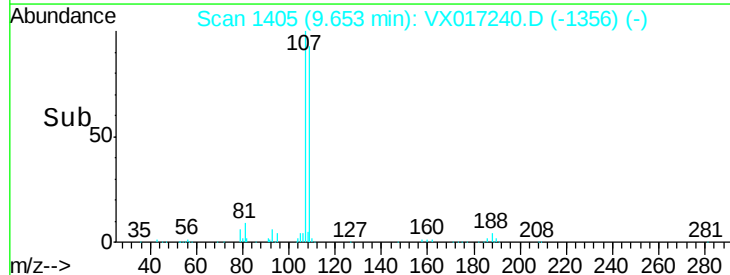
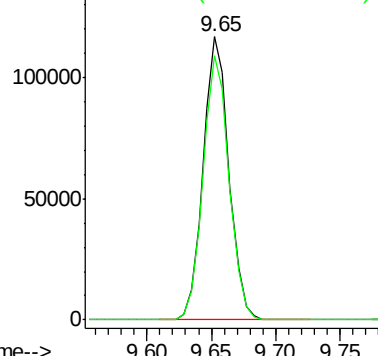
107 100

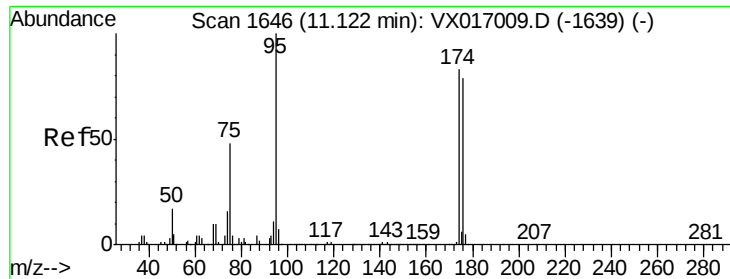
109 94.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





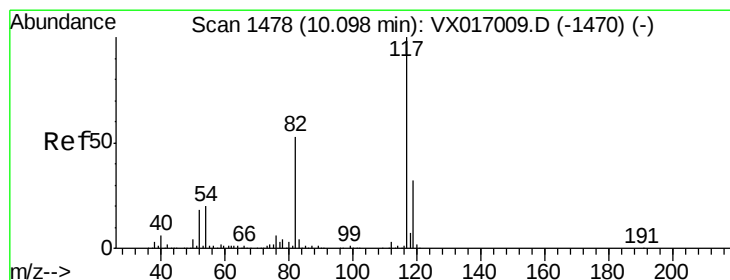
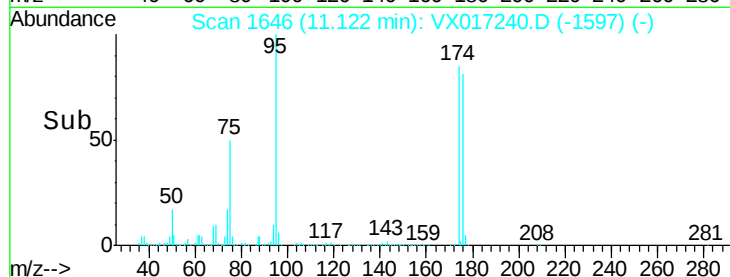
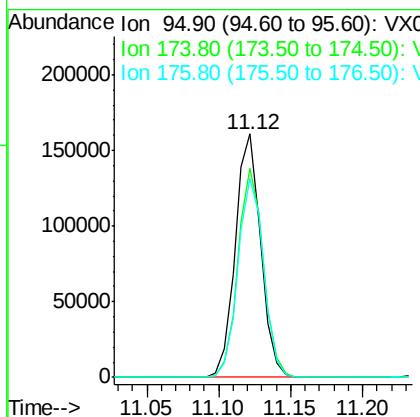
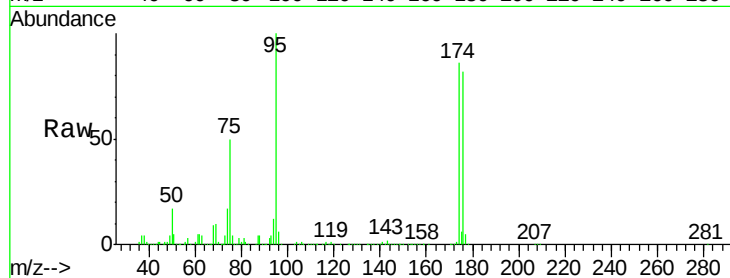
#62
4-Bromofluorobenzene
Concen: 53.225 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	198290		
174	85.5	0.0	164.0	
176	82.3	0.0	157.6	

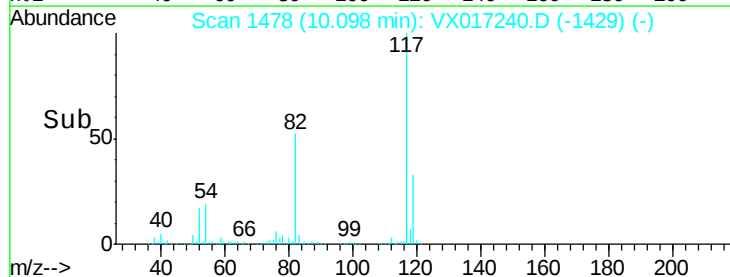
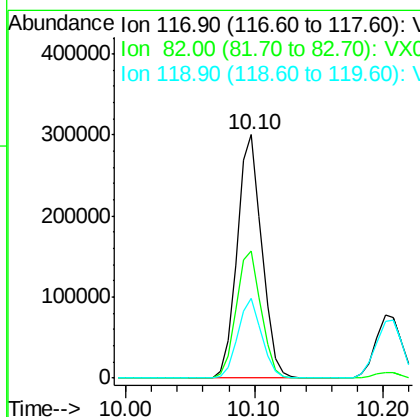
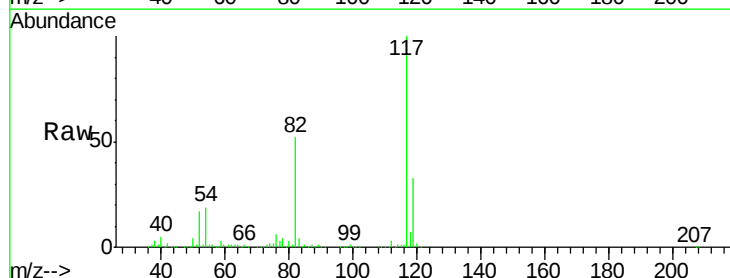
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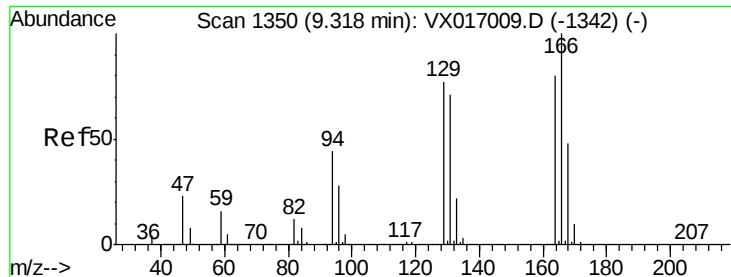
MMDadoda
7/8/2020 9:32:02 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	397720		
82	52.4	42.6	63.8	
119	32.9	25.4	38.2	





#64

Tetrachloroethene

Concen: 183.564 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MS

Tot Ion:164 Resp: 589213

Ion Ratio Lower Upper

164 100

166 130.5 99.4 149.0

129 94.1 76.3 114.5

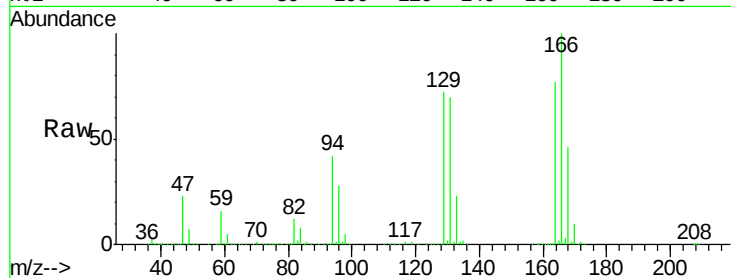
131 90.7 70.6 105.8

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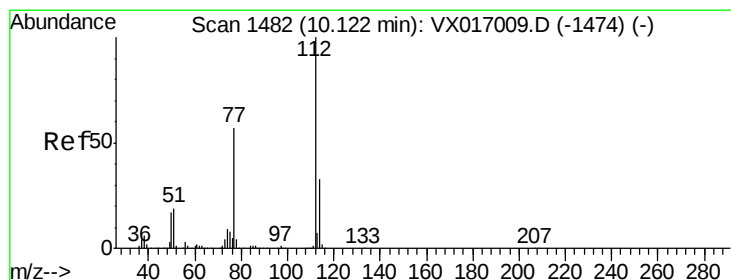
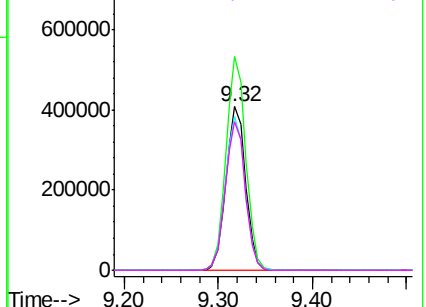
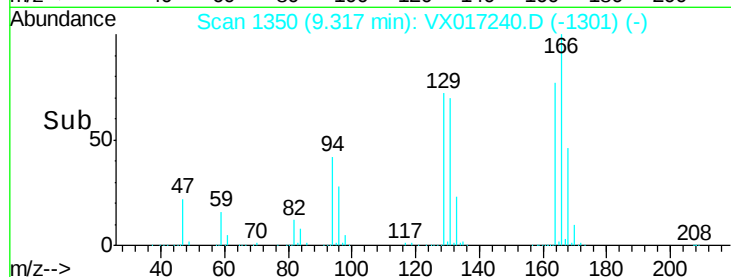


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.917 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017240.D

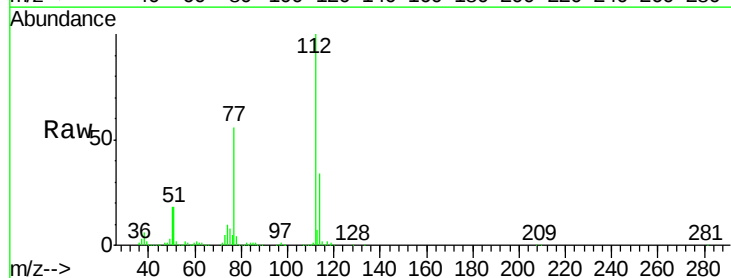
Acq: 08 Jul 2020 06:17

Tgt Ion:112 Resp: 401545

Ion Ratio Lower Upper

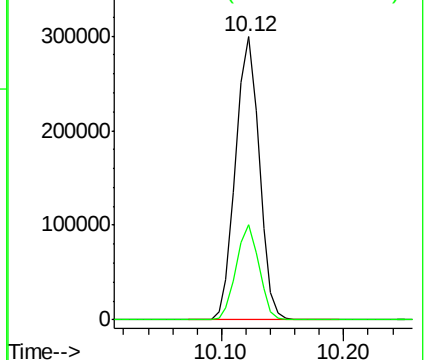
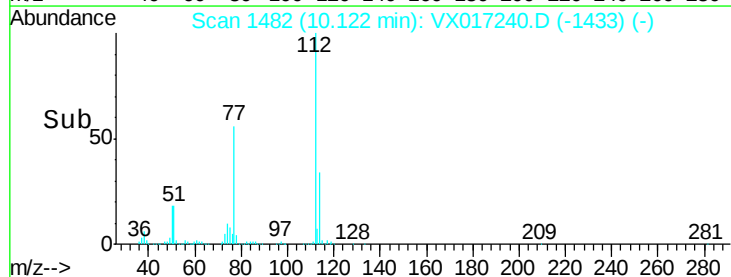
112 100

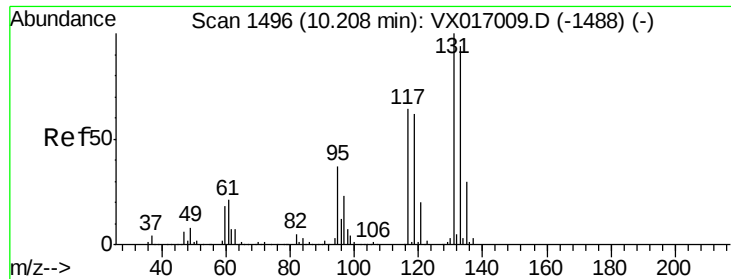
114 33.6 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 51.432 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

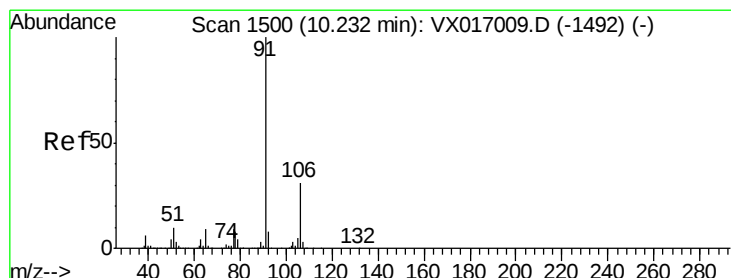
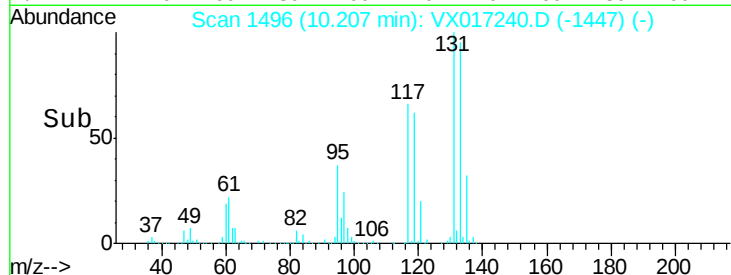
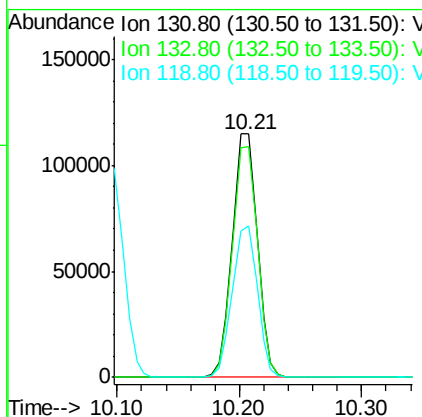
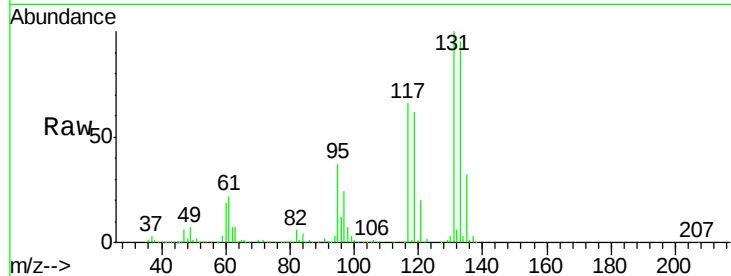
ClientSampleId :

1004-MW-02MS

Tot Ion:	131	Resp:	162705
Ion Ratio	Lower	Upper	
131	100		
133	95.8	47.3	141.9
119	62.6	31.9	95.5

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#67

Ethyl Benzene

Concen: 50.405 ug/l

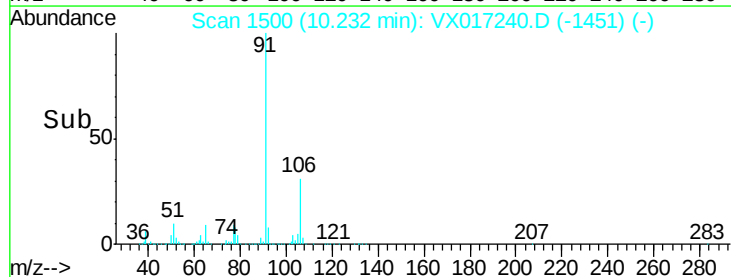
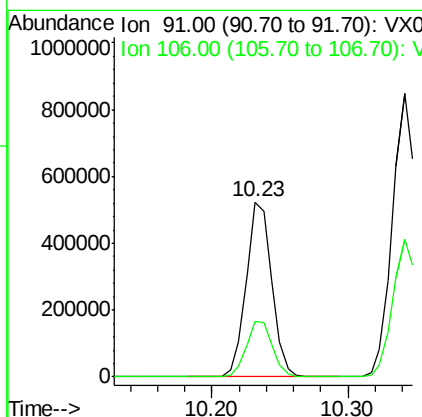
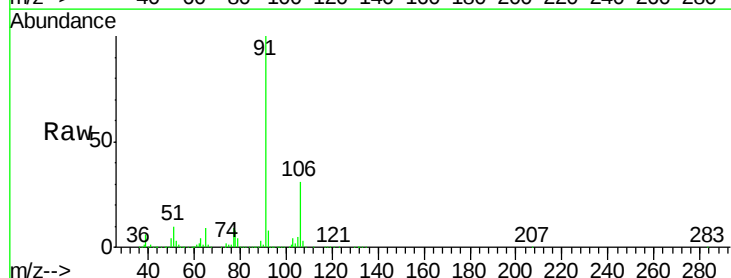
RT: 10.23 min Scan# 1500

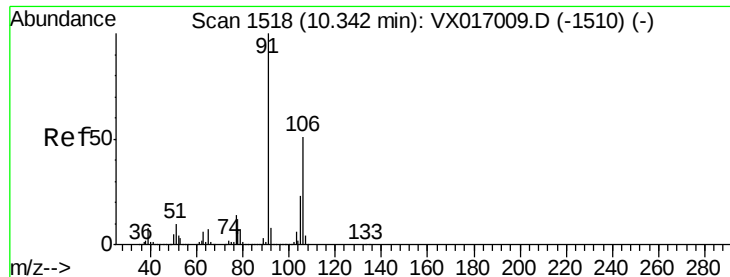
Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Tgt Ion:	91	Resp:	690985
Ion Ratio	Lower	Upper	
91	100		
106	31.4	24.7	37.1





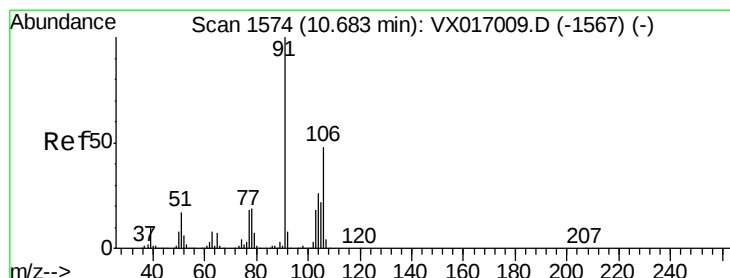
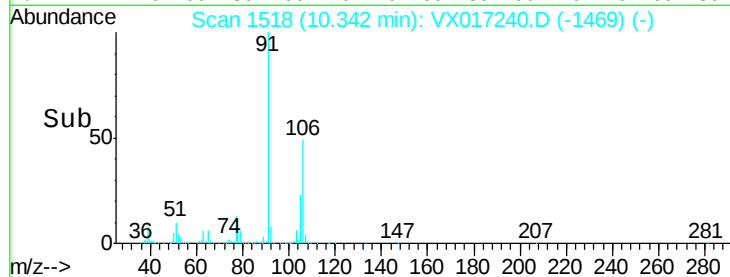
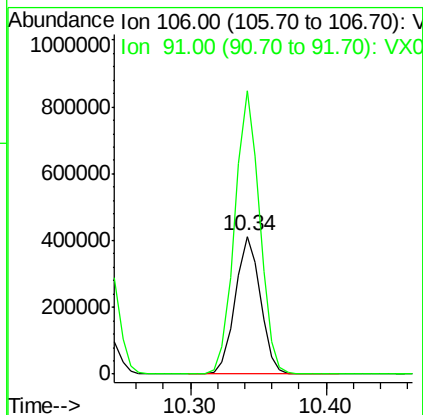
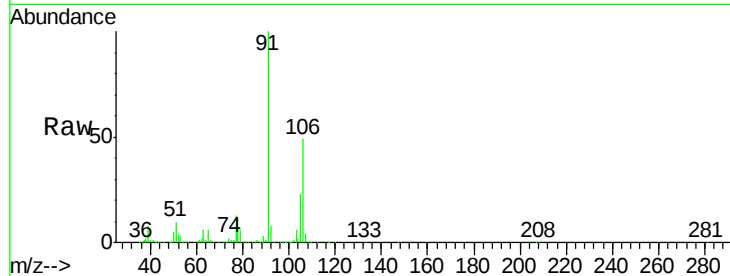
#68
m/p-Xylenes
Concen: 100.808 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MS

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	203.5	158.6	238.0	

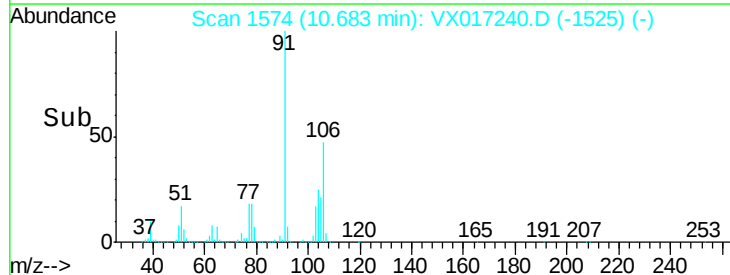
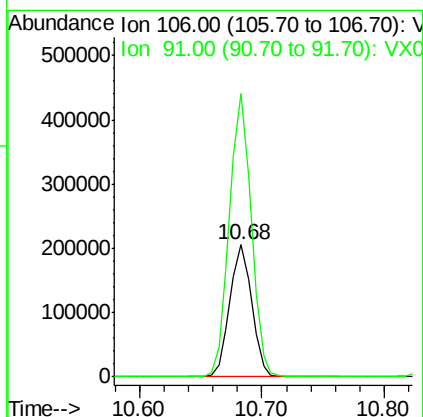
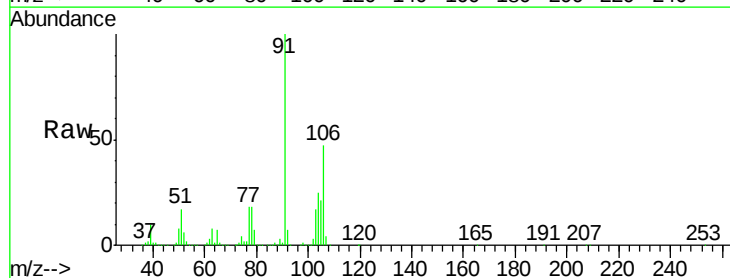
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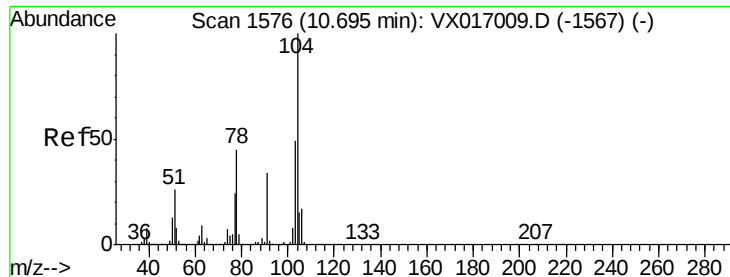
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#69
o-Xylene
Concen: 51.002 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.1	105.6	316.7	





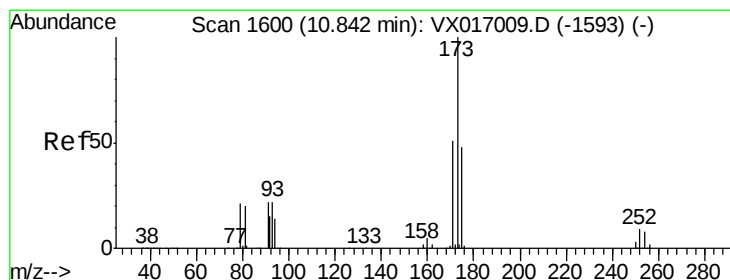
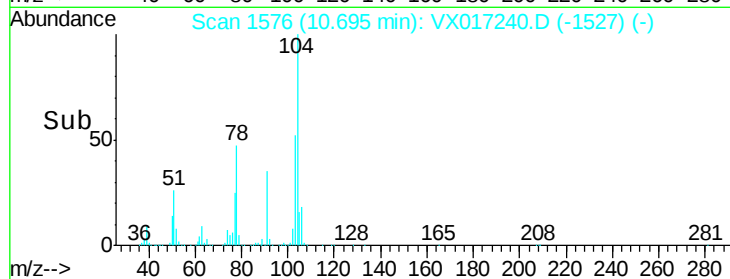
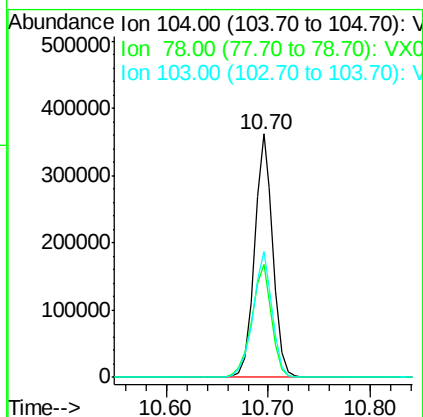
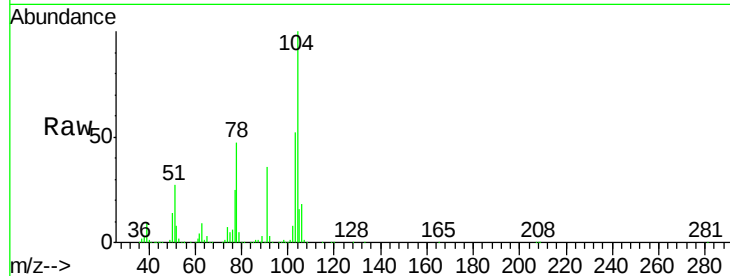
#70
Stvrene
Concen: 53.258 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.5	39.5	59.3
103	54.2	43.0	64.6

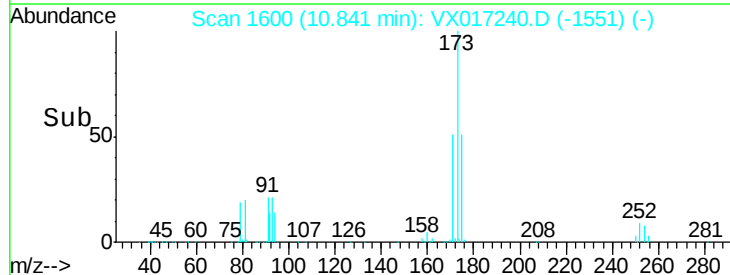
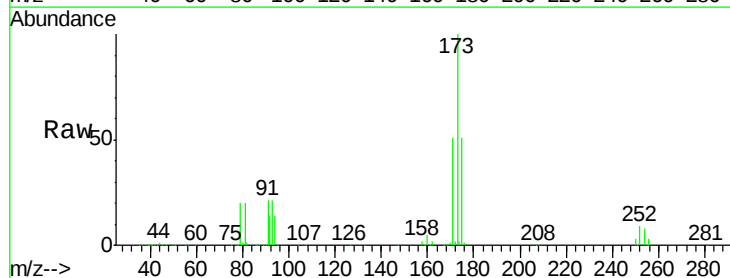
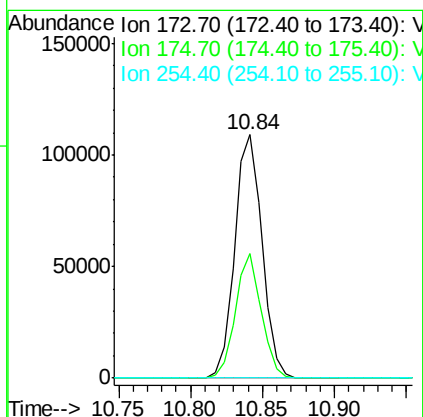
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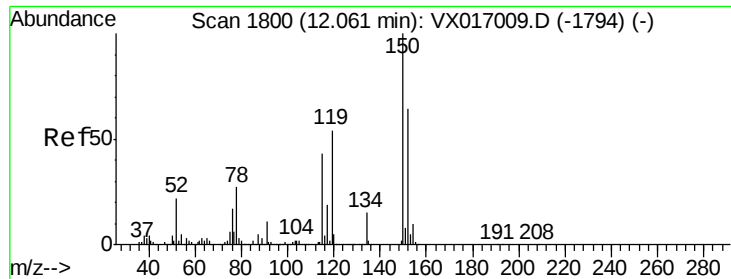
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#71
Bromoform
Concen: 57.613 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.5	73.5
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MS

Tot Ion:152 Resp: 223912

Ion Ratio Lower Upper

152 100

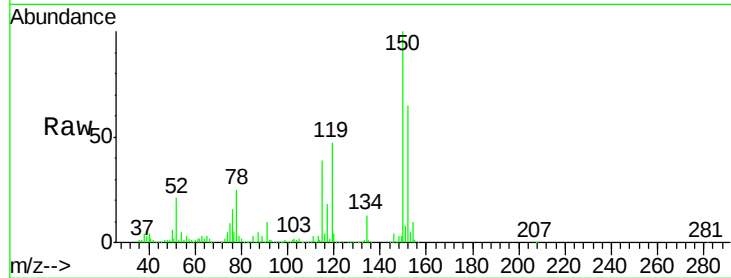
115 77.8 40.9 122.7

150 170.2 0.0 351.6

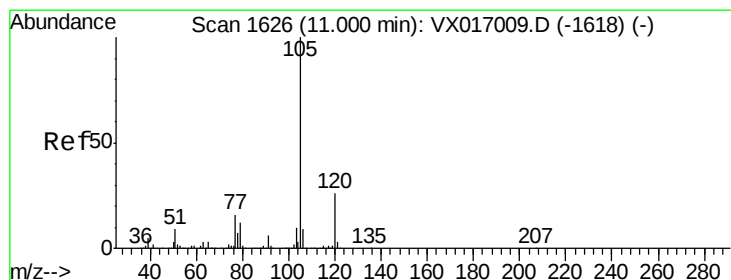
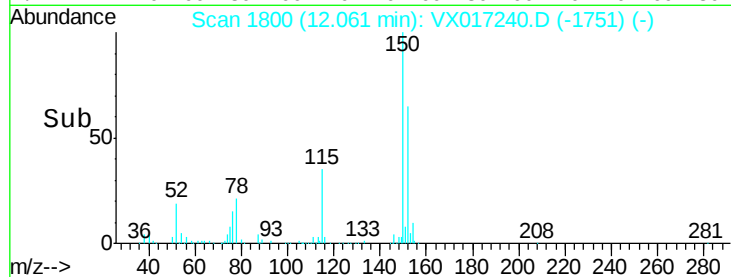
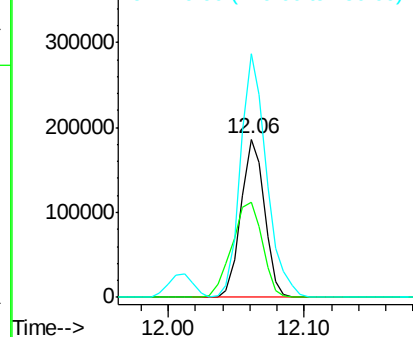
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 47.154 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017240.D

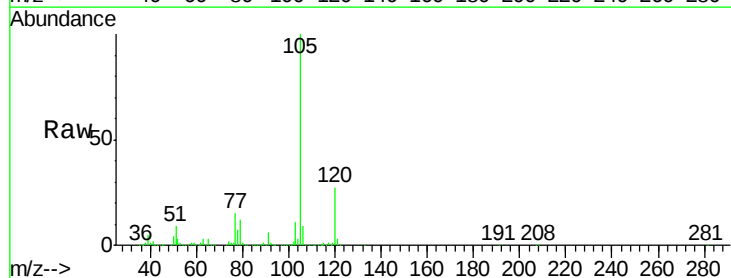
Acq: 08 Jul 2020 06:17

Tgt Ion:105 Resp: 691579

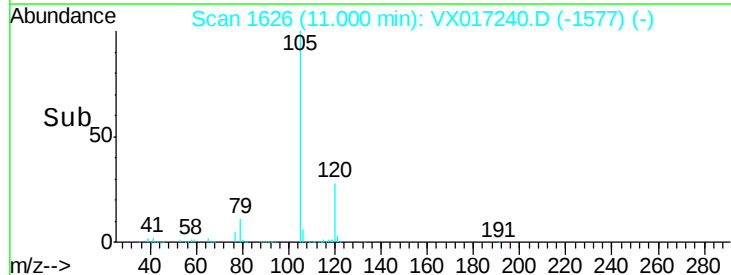
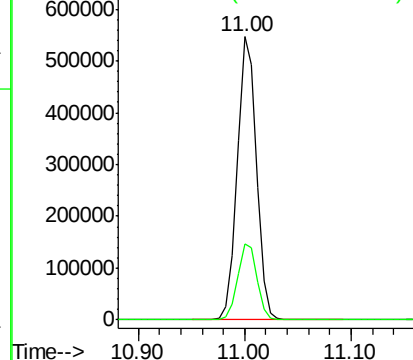
Ion Ratio Lower Upper

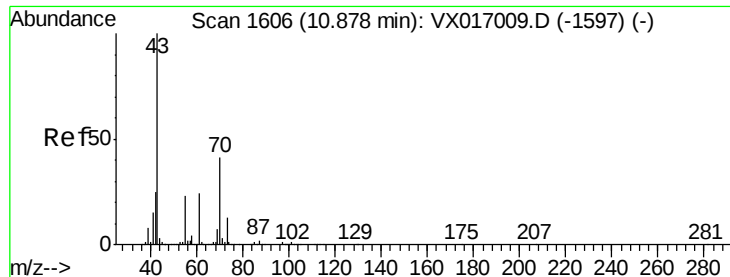
105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 40.729 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

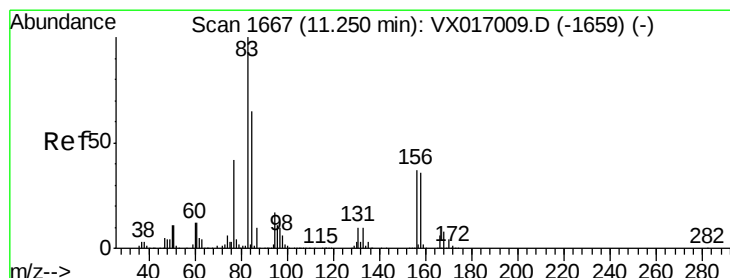
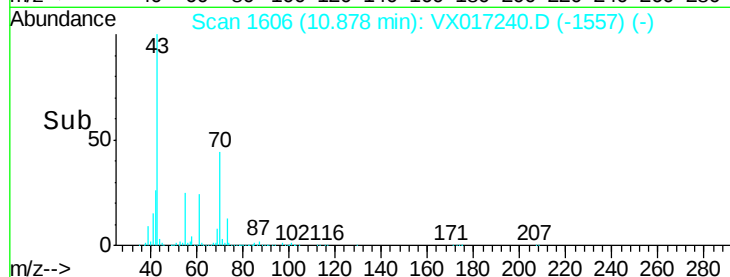
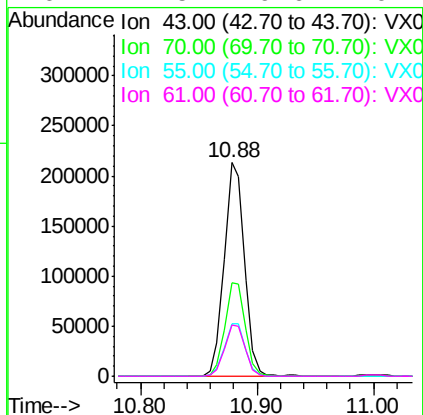
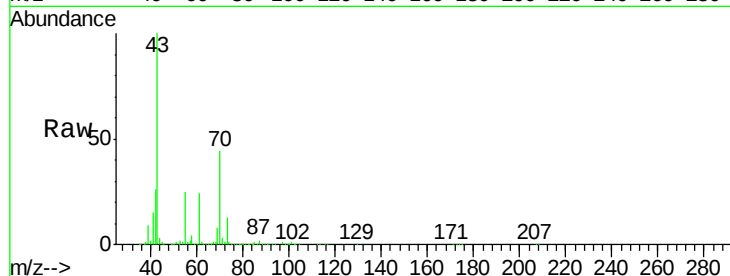
ClientSampleId :

1004-MW-02MS

Tot Ion:	43	Resp:	254887
Ion	Ratio	Lower	Upper
43	100		
70	44.3	34.2	51.2
55	25.9	19.2	28.8
61	24.5	19.6	29.4

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#75

1,1,2,2-Tetrachloroethane

Concen: 47.706 ug/l

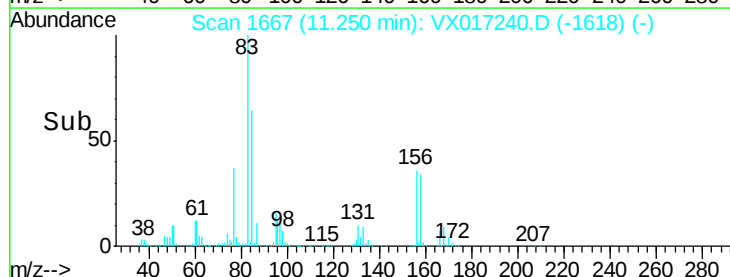
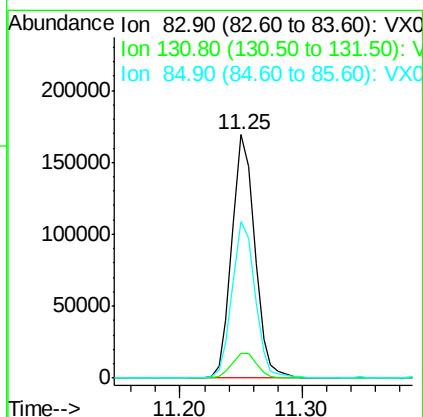
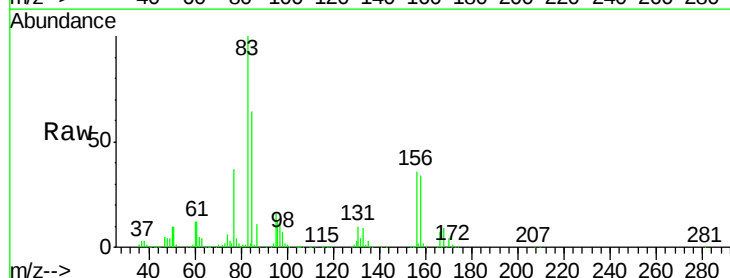
RT: 11.25 min Scan# 1667

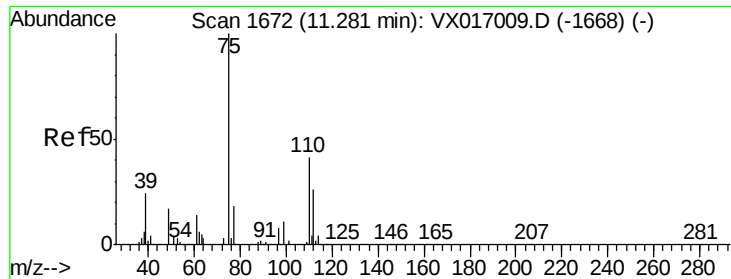
Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Tgt Ion:	83	Resp:	220087
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.4	16.2
85	64.5	31.9	95.9





#76

1,2,3-Trichloropropane

Concen: 47.213 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MS

Tot Ion: 75 Resp: 207884

Ion Ratio Lower Upper

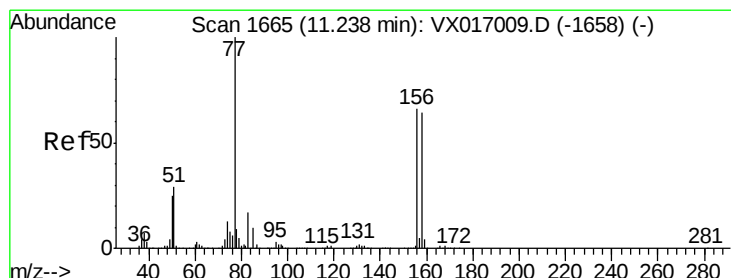
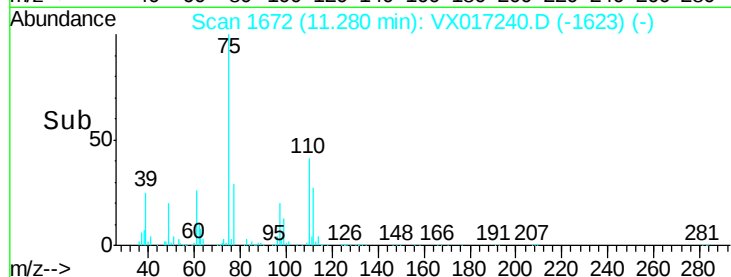
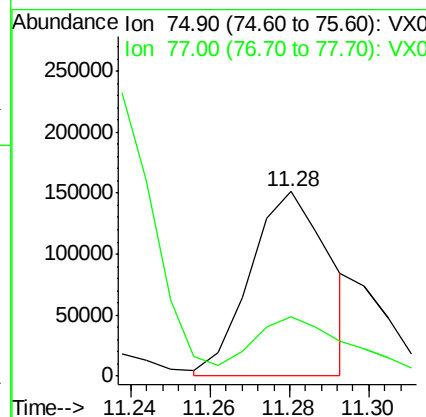
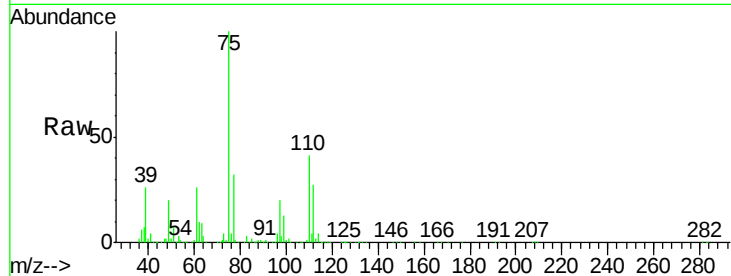
75 100

77 39.6 20.2 60.6

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#77

Bromobenzene

Concen: 47.951 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

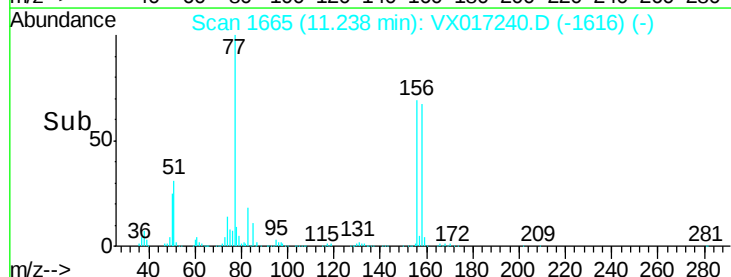
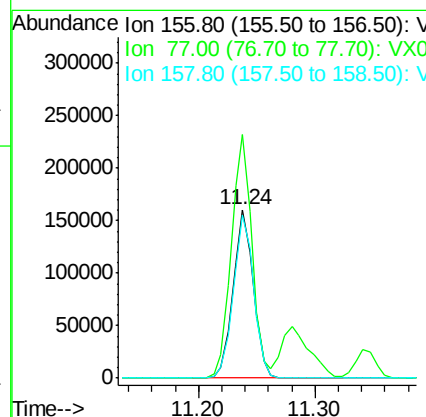
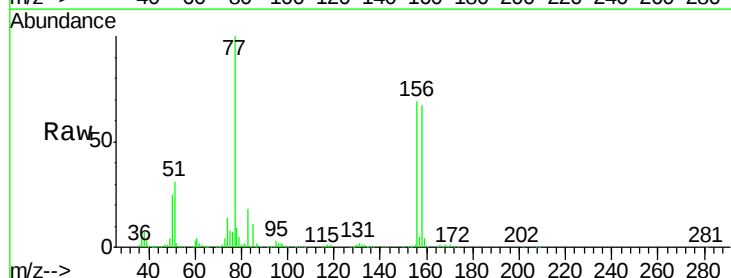
Tgt Ion: 156 Resp: 193284

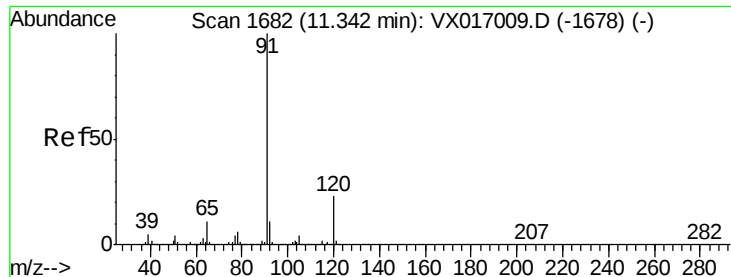
Ion Ratio Lower Upper

156 100

77 147.0 76.9 230.7

158 97.5 47.9 143.6





#78

n-propylbenzene

Concen: 47.891 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MS

Tot Ion: 91 Resp: 794280

Ion Ratio Lower Upper

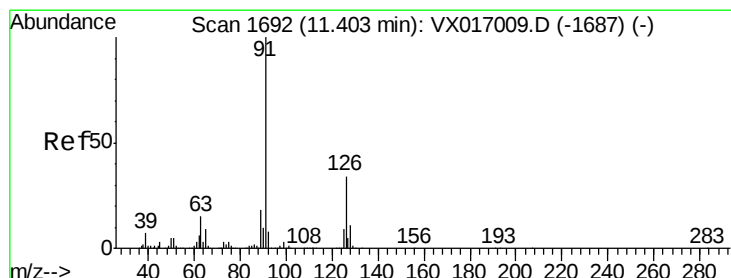
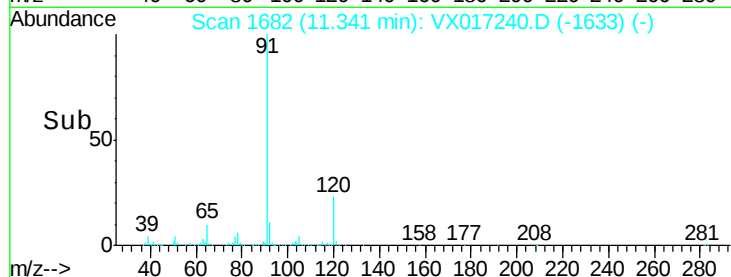
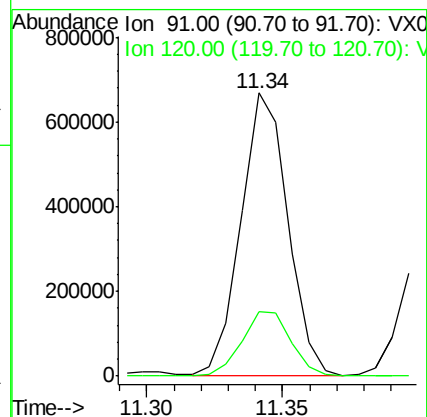
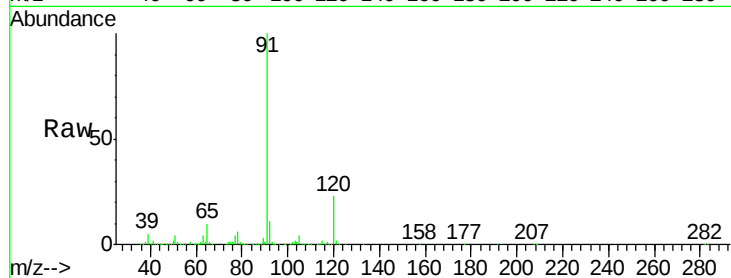
91 100

120 24.0 11.9 35.9

Manual Integrations
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#79

2-Chlorotoluene

Concen: 48.123 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017240.D

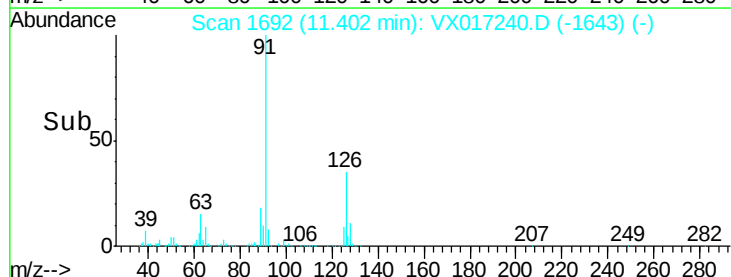
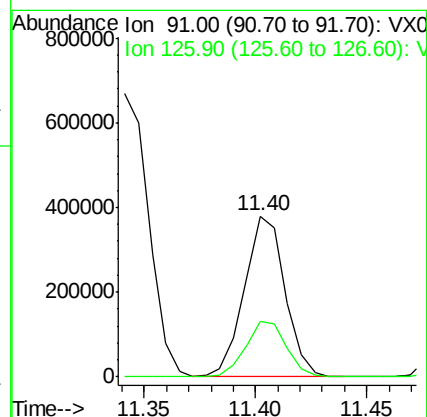
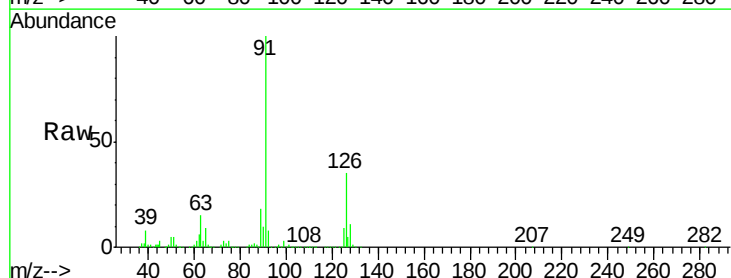
Acq: 08 Jul 2020 06:17

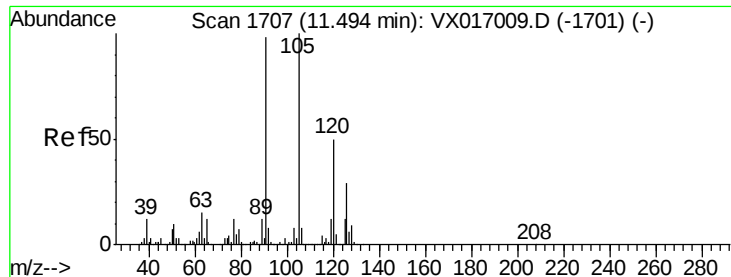
Tgt Ion: 91 Resp: 483041

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.3





#80

1,3,5-Trimethylbenzene

Concen: 49.701 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MS

Tot Ion:105 Resp: 604638

Ion Ratio Lower Upper

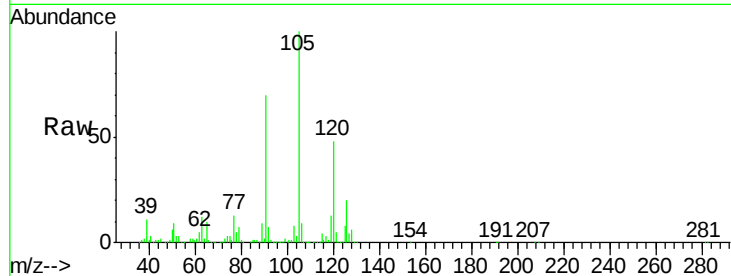
105 100

120 49.2 24.9 74.6

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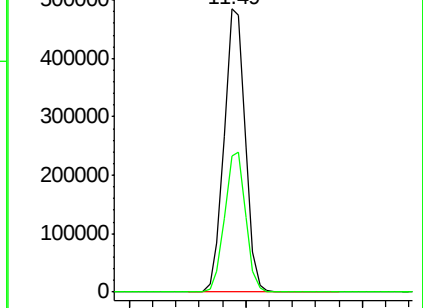
MMDadoda

7/8/2020 9:32:02 AM

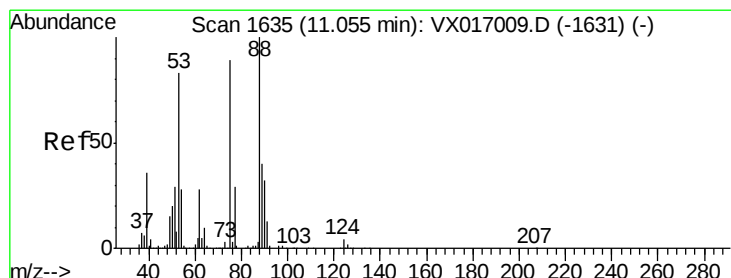
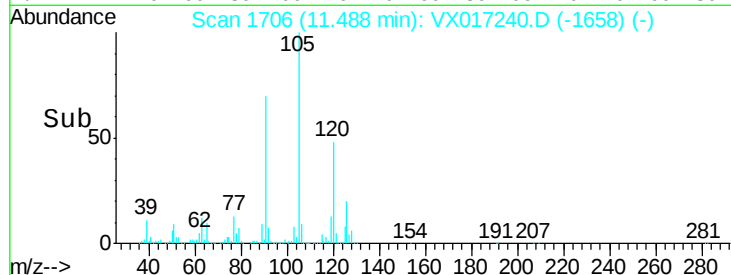


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 11.40 11.50 11.60



#81

trans-1,4-Dichloro-2-butene

Concen: 41.056 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

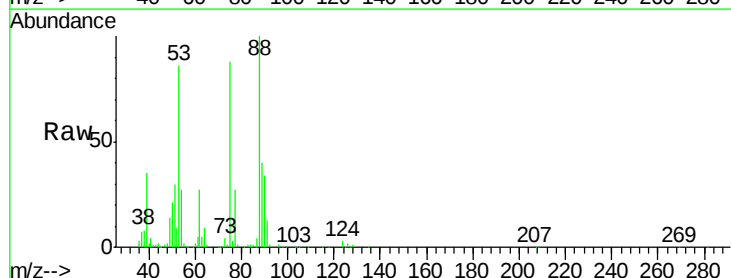
Tgt Ion: 75 Resp: 69807

Ion Ratio Lower Upper

75 100

53 97.8 72.4 108.6

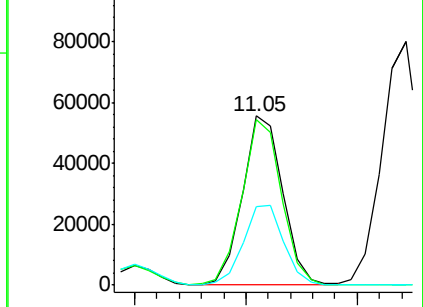
89 47.5 37.0 55.4



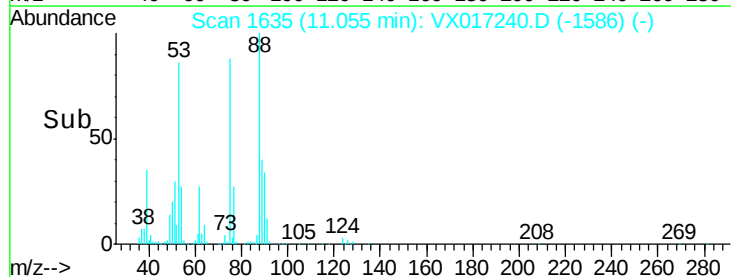
Abundance Ion 74.90 (74.60 to 75.60): VX0

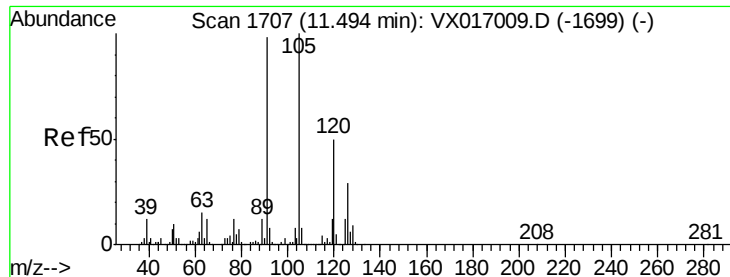
Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



Time--> 11.00 11.05 11.10





#82

4-Chlorotoluene

Concen: 48.251 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MS

Tot Ion: 91 Resp: 578979

Ion Ratio Lower Upper

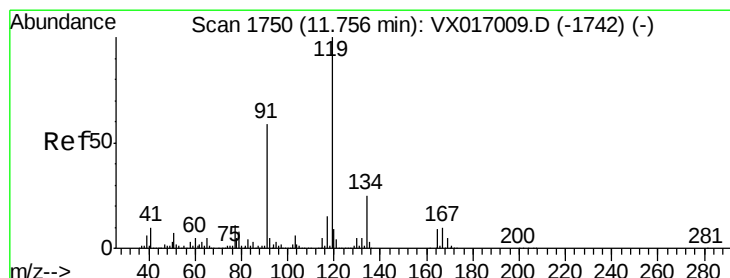
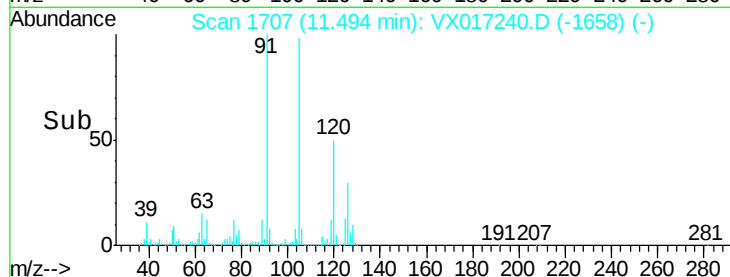
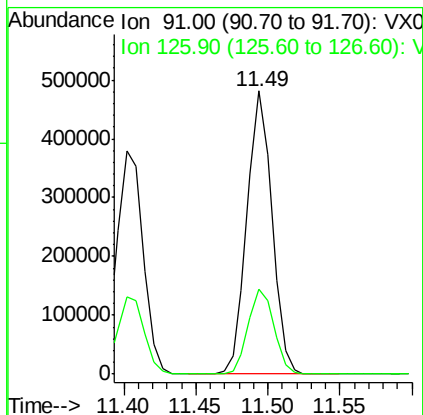
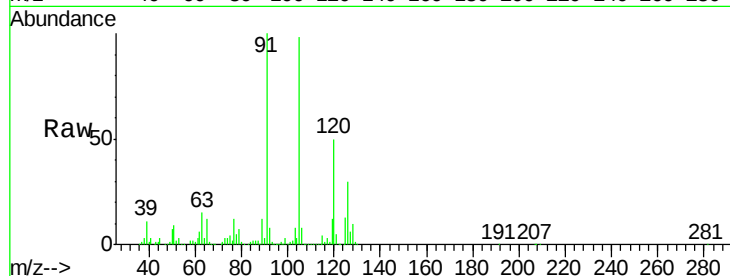
91 100

126 30.9 15.2 45.5

Manual Integrations
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#83

tert-Butylbenzene

Concen: 49.191 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

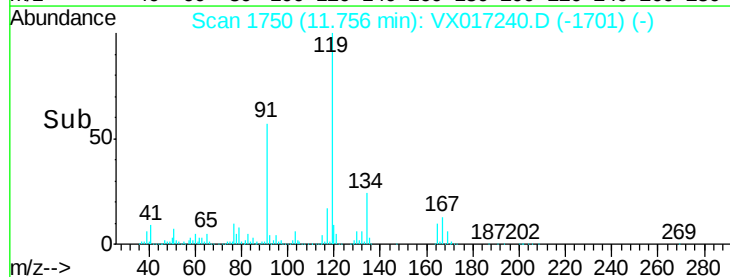
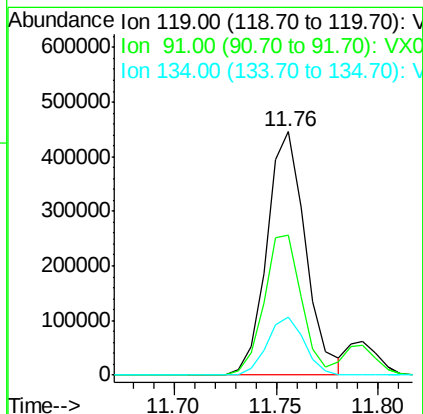
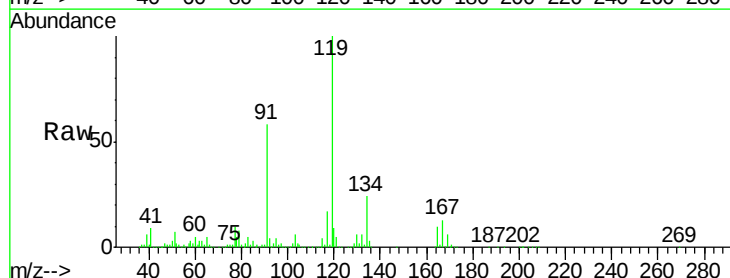
Tgt Ion: 119 Resp: 587453

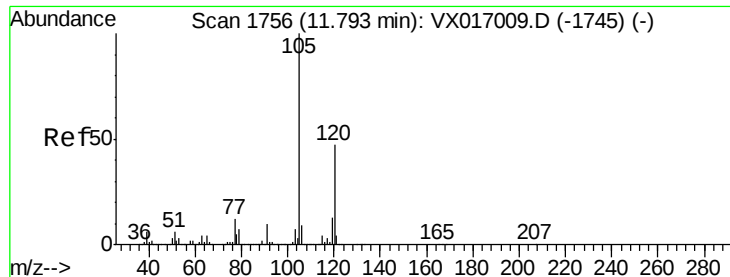
Ion Ratio Lower Upper

119 100

91 55.8 28.3 84.9

134 23.2 11.7 35.1





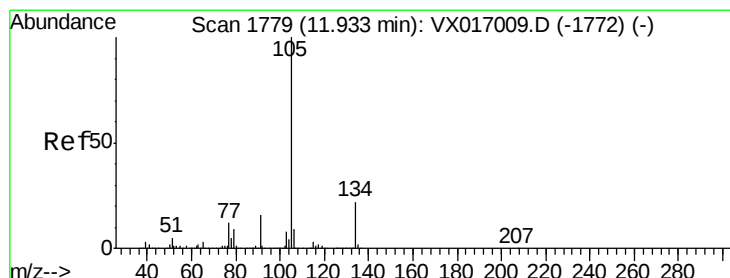
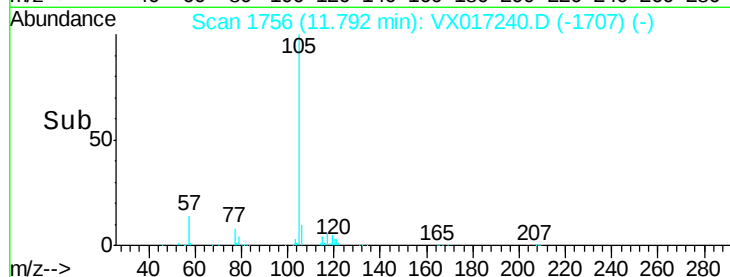
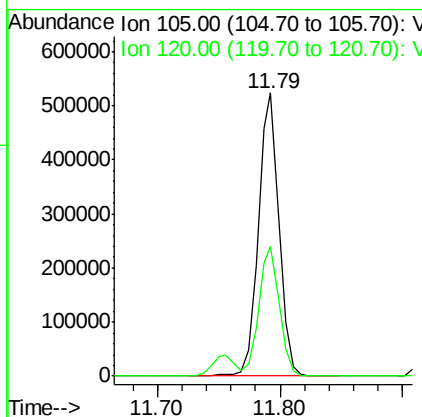
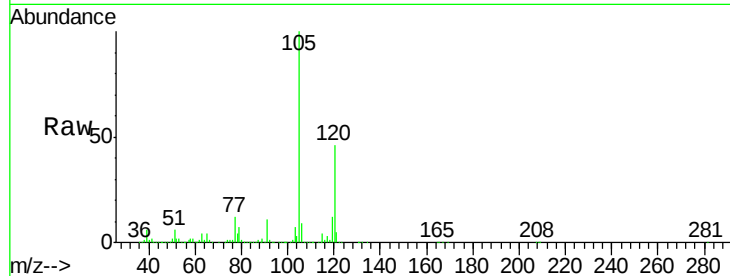
#84
 1,2,4-Trimethylbenzene
 Concen: 50.146 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.5

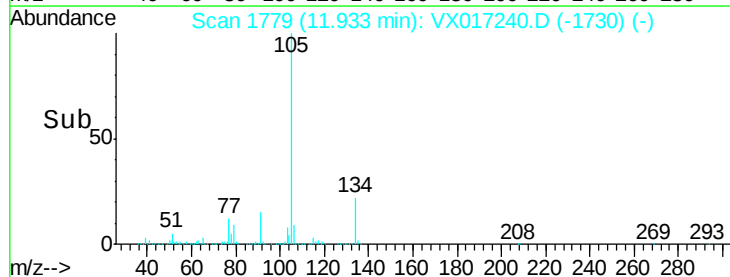
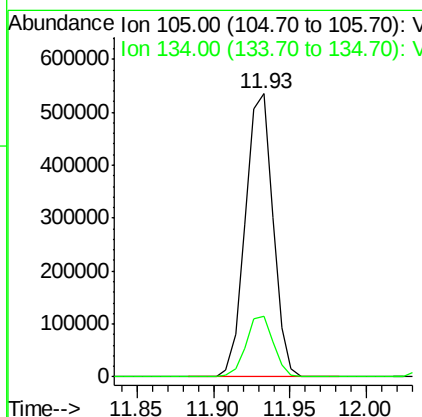
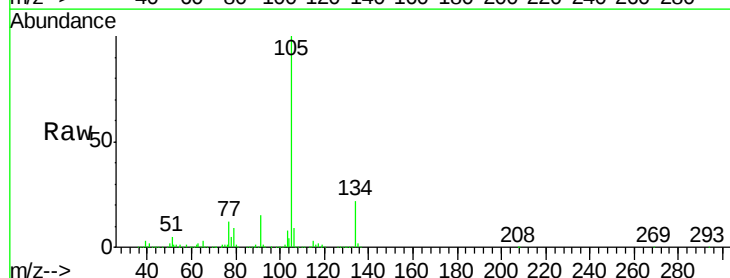
Manual Integrations
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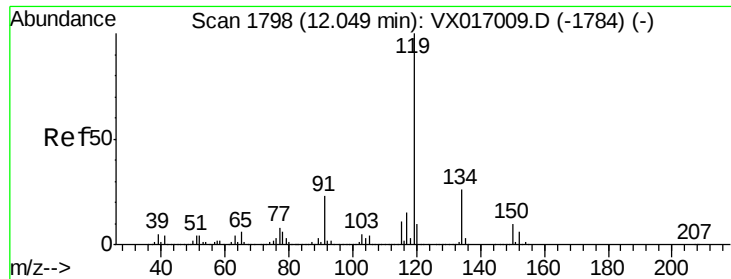
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 47.891 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.5	31.6





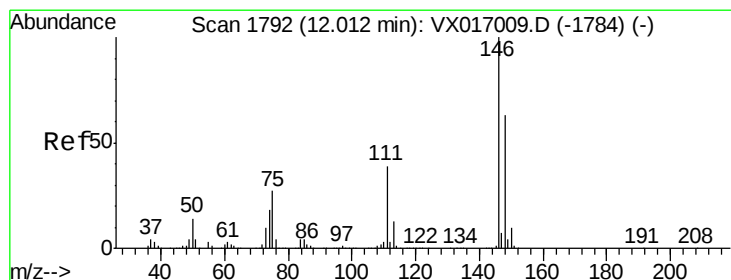
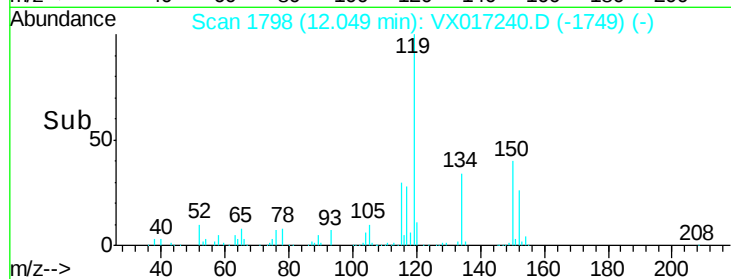
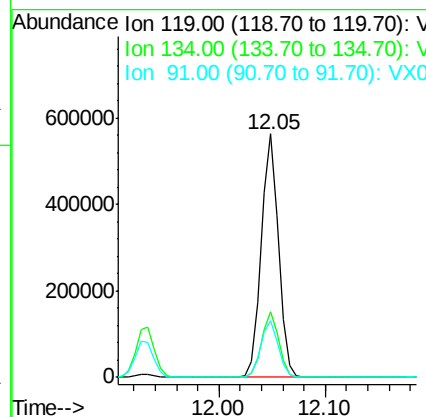
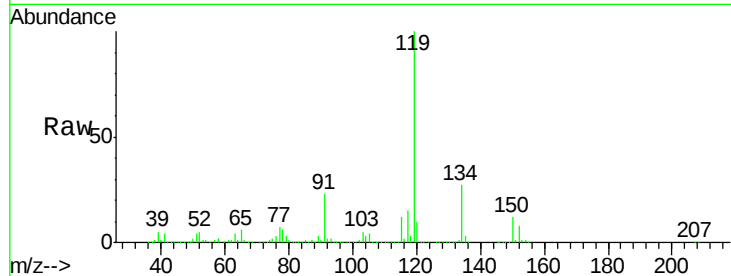
#86
p-Isopropyltoluene
Concen: 49.042 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.2	39.5
91	23.7	11.8	35.4

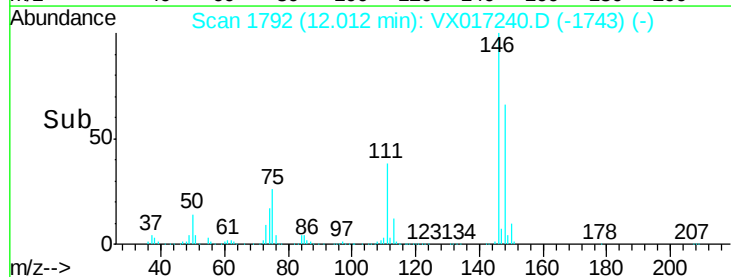
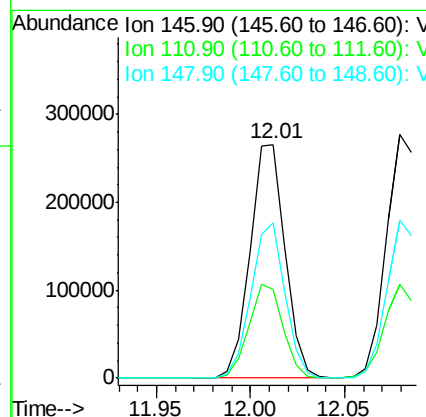
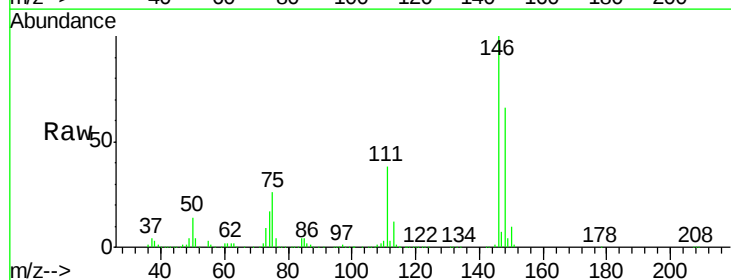
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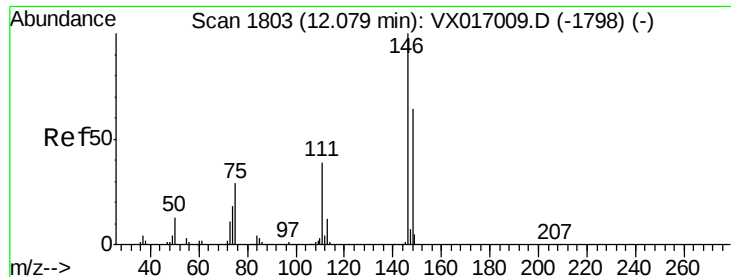
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 46.691 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.4	61.2
148	64.4	32.5	97.5





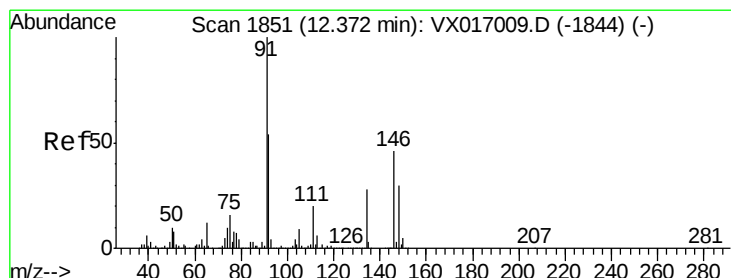
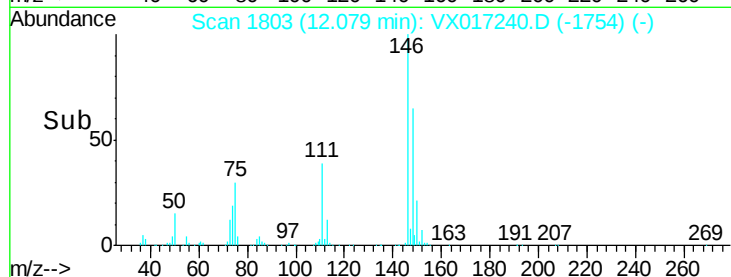
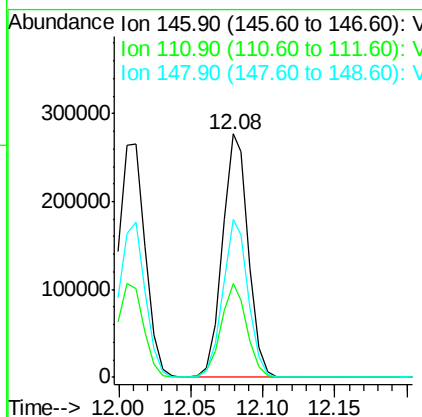
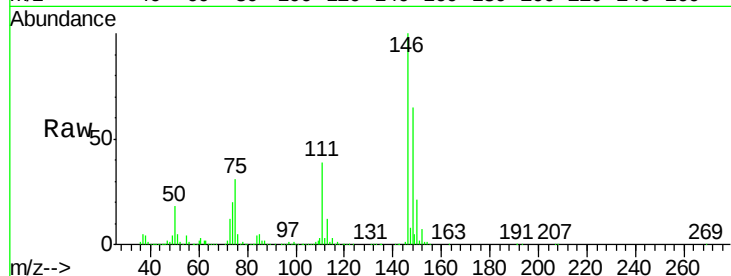
#88
 1,4-Dichlorobenzene
 Concen: 50.486 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.5	58.5
148	63.6	31.9	95.7

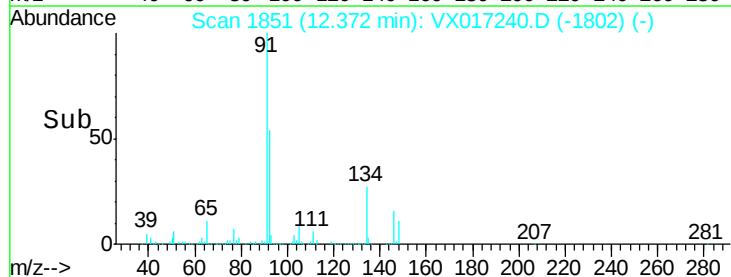
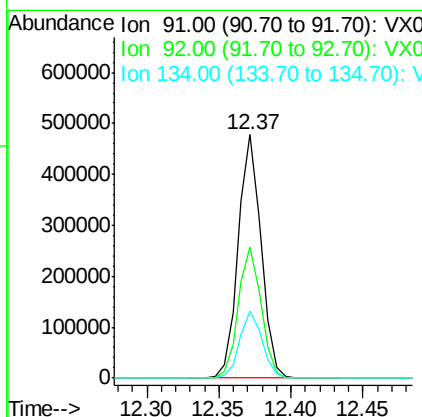
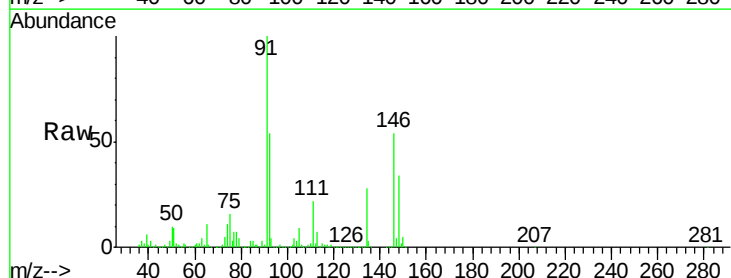
Manual Integrations
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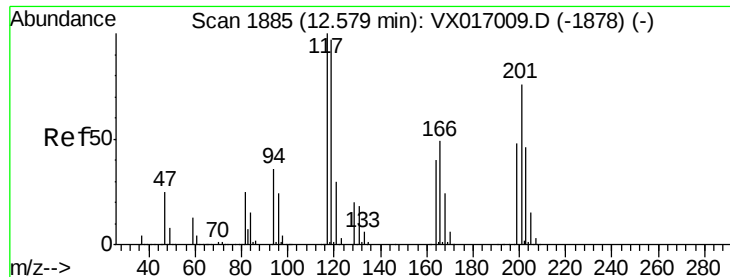
MMDadoda
 7/8/2020 9:32:02 AM



#89
 n-Butylbenzene
 Concen: 45.300 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.2	81.6
134	27.3	13.6	40.7





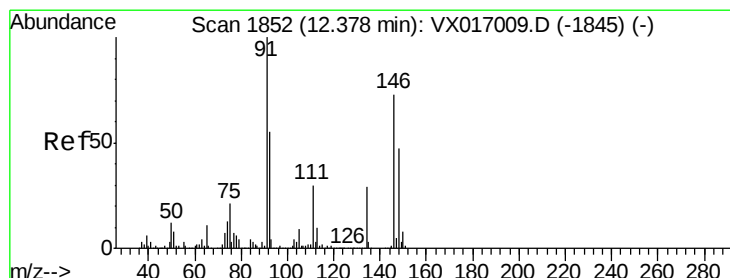
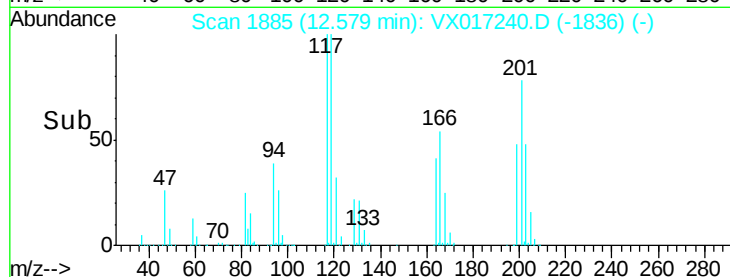
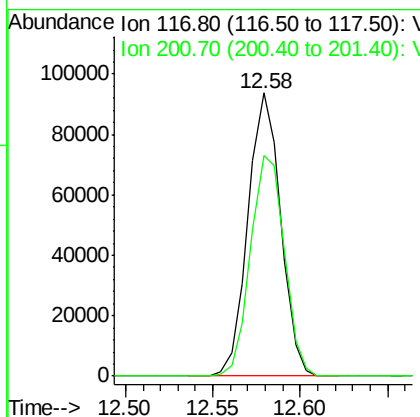
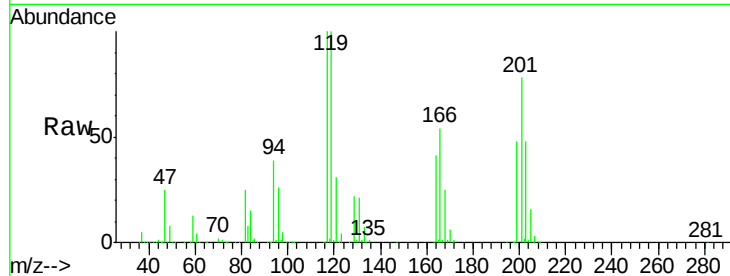
#90
Hexachloroethane
Concen: 47.262 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Instrument :
MSVOA_X
ClientSampled :
1004-MW-02MS

Tot Ion:117 Resp: 121797
Ion Ratio Lower Upper
117 100
201 80.6 39.4 118.2

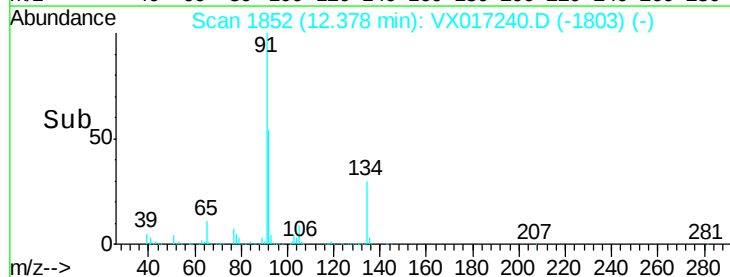
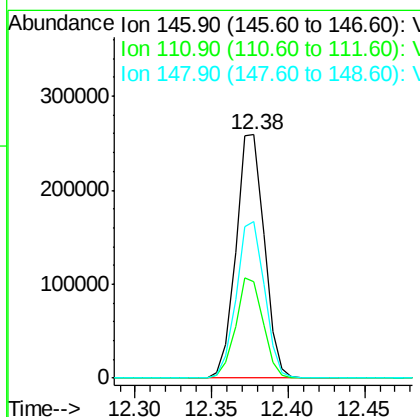
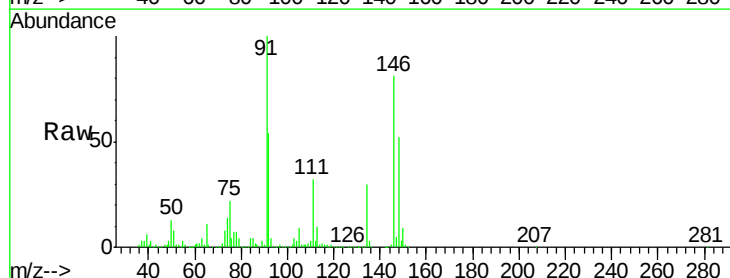
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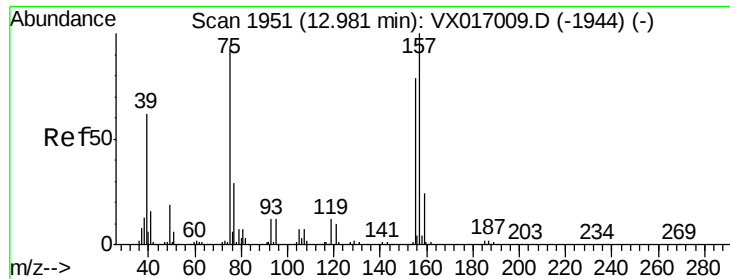
MMDadoda
7/8/2020 9:32:02 AM



#91
1,2-Dichlorobenzene
Concen: 48.574 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX017240.D
Acq: 08 Jul 2020 06:17

Tgt Ion:146 Resp: 332402
Ion Ratio Lower Upper
146 100
111 40.0 20.6 61.9
148 64.1 32.4 97.2





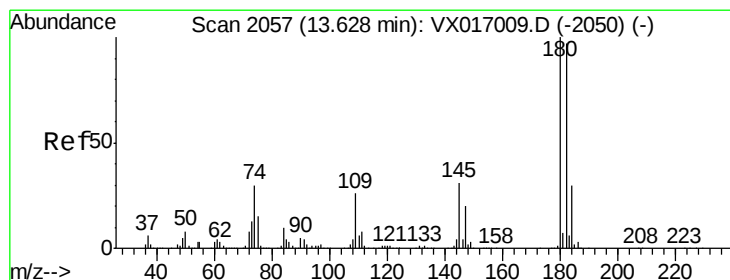
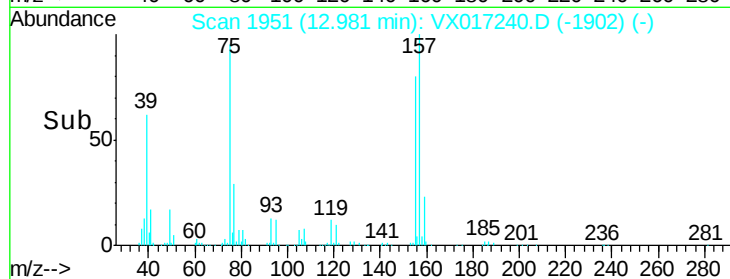
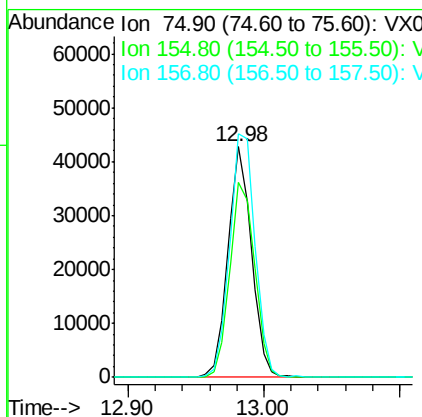
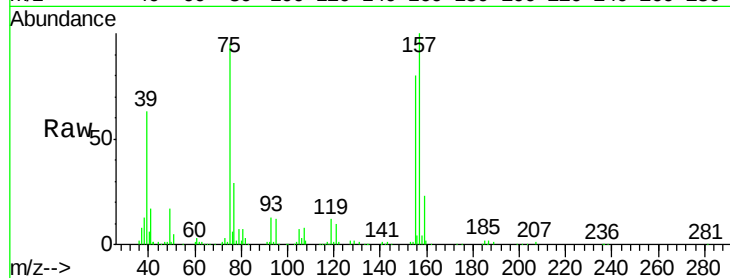
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.783 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	89.8	45.1	135.2
157	114.4	56.5	169.3

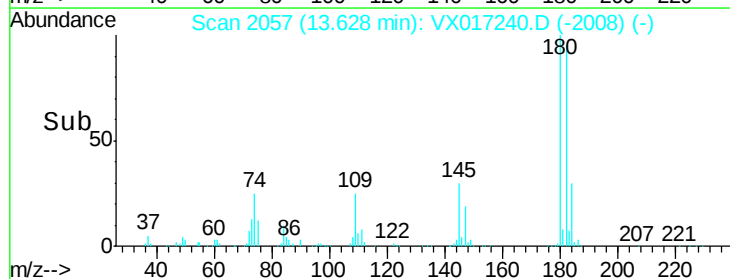
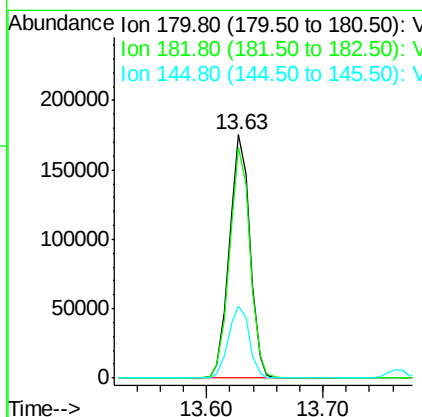
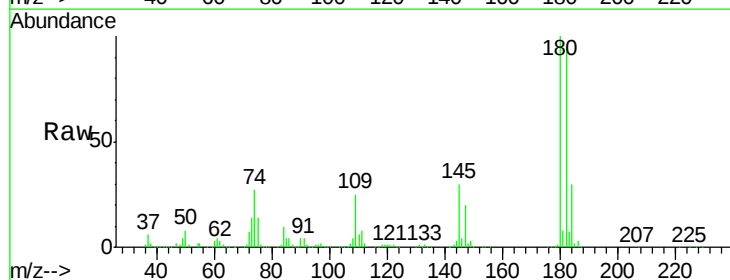
Manual Integrations
 APPROVED

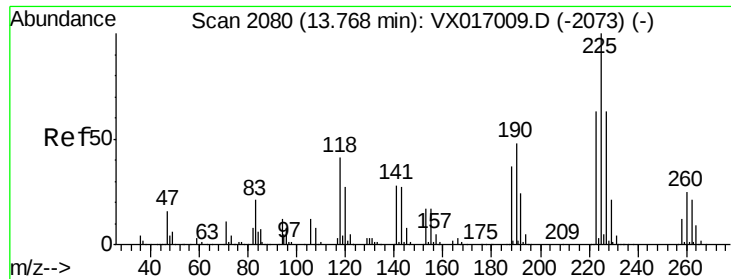
MMDadoda
 7/8/2020 9:32:02 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 46.078 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	141.9
145	30.1	15.4	46.2





#94

Hexachlorobutadiene

Concen: 43.773 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Instrument :

MSVOA_X

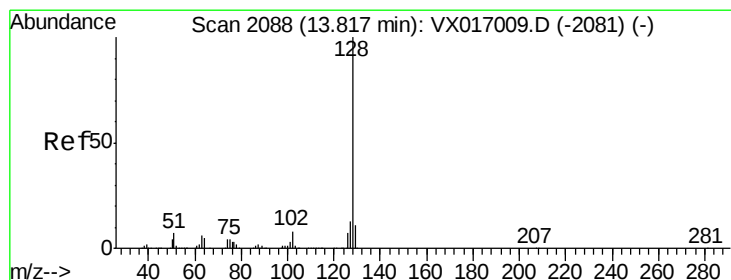
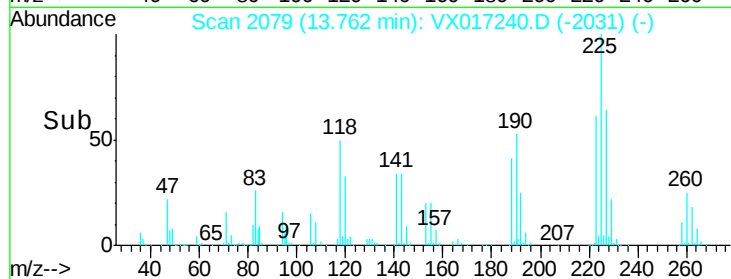
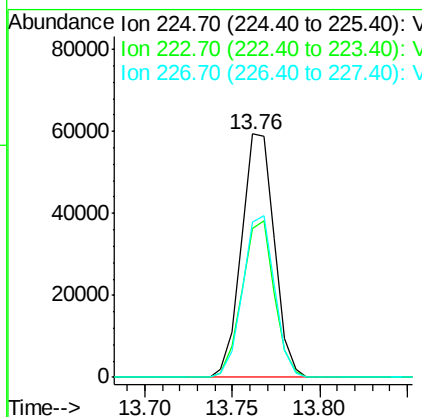
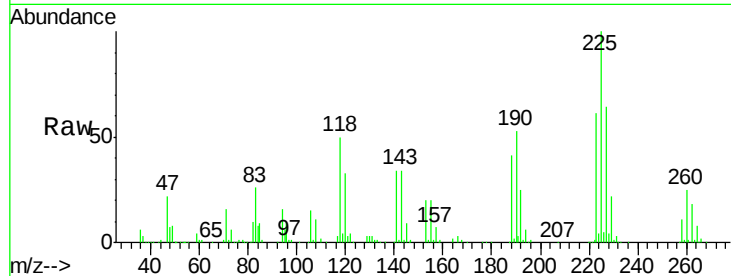
ClientSampleId :

1004-MW-02MS

Tot Ion:	225	Resp:	77404
Ion Ratio	Lower	Upper	
225	100		
223	63.0	32.5	97.5
227	64.4	33.1	99.2

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:32:02 AM



#95

Naphthalene

Concen: 48.989 ug/l

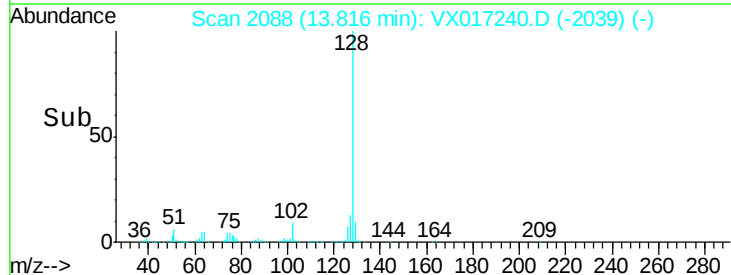
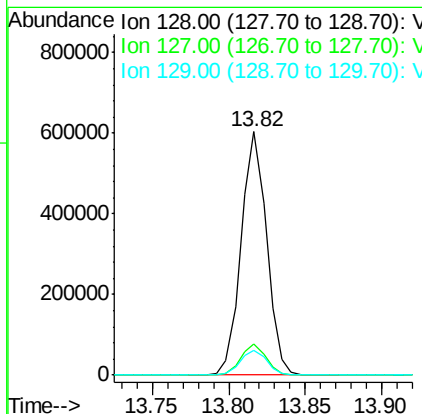
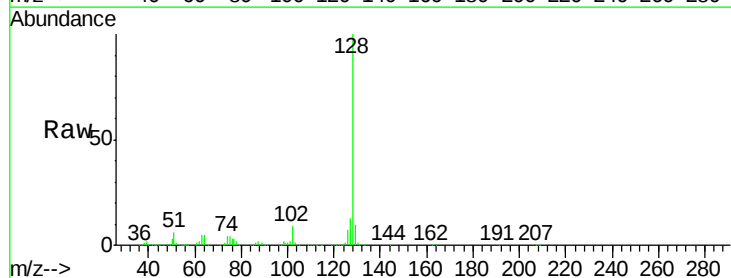
RT: 13.82 min Scan# 2088

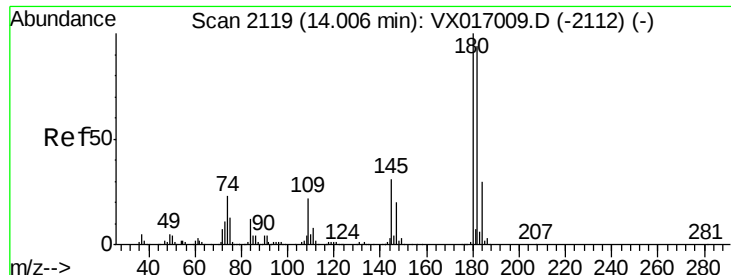
Delta R.T. -0.00 min

Lab File: VX017240.D

Acq: 08 Jul 2020 06:17

Tgt Ion:	128	Resp:	695636
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.6	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 48.236 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX017240.D
 Acq: 08 Jul 2020 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.4	47.1	141.4
145	32.0	16.6	49.7

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:32:02 AM

