

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
 Data File : VX017534.D
 Acq On : 24 Jul 2020 11:51
 Operator : JC/SP
 Sample : VX0724WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:03:57 AM

Quant Time: Jul 25 02:20:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	588534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	884321	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	777058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	456554	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	364964	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
35) Dibromofluoromethane	5.46	113	286915	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
50) Toluene-d8	8.70	98	1006882	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
62) 4-Bromofluorobenzene	11.12	95	426696	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	114107	20.293	ug/l	99
3) Chloromethane	1.32	50	127614	17.780	ug/l	99
4) Vinyl Chloride	1.39	62	126938	17.140	ug/l	99
5) Bromomethane	1.63	94	92583	21.524	ug/l	97
6) Chloroethane	1.71	64	75627	18.030	ug/l	99
7) Trichlorofluoromethane	1.92	101	204967	17.596	ug/l	98
8) Diethyl Ether	2.17	74	67367	16.937	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	108109	16.912	ug/l	97
10) Methyl Iodide	2.49	142	120114	14.687	ug/l	97
11) Tert butyl alcohol	3.01	59	135468	85.022	ug/l	99
12) 1,1-Dichloroethene	2.36	96	103372	17.005	ug/l	98
13) Acrolein	2.27	56	84437	72.407	ug/l	97
14) Allyl chloride	2.70	41	188583	16.990	ug/l	96
15) Acrylonitrile	3.11	53	288314	83.778	ug/l	99
16) Acetone	2.42	43	286526	86.111	ug/l	98
17) Carbon Disulfide	2.55	76	312960	16.938	ug/l	98
18) Methyl Acetate	2.75	43	126855	16.188	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	354856	16.865	ug/l	98
20) Methylene Chloride	2.83	84	120841	18.473	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	113965	17.500	ug/l	99
22) Diisopropyl ether	3.82	45	347320	17.113	ug/l	# 77
23) Vinyl Acetate	3.78	43	1551224	85.721	ug/l	98
24) 1,1-Dichloroethane	3.67	63	198303	16.961	ug/l	99
25) 2-Butanone	4.64	43	405383	85.760	ug/l	100
26) 2,2-Dichloropropane	4.55	77	190419	18.195	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	125835	17.790	ug/l	99
28) Bromochloromethane	4.98	49	85661	16.168	ug/l	95
29) Tetrahydrofuran	5.09	42	259587	88.657	ug/l	99
30) Chloroform	5.17	83	214678	17.970	ug/l	96
31) Cyclohexane	5.54	56	166168	17.823	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	200755	17.821	ug/l	98
36) 1,1-Dichloropropene	5.77	75	157324	18.549	ug/l	100
37) Ethyl Acetate	4.79	43	163914	17.663	ug/l	99
38) Carbon Tetrachloride	5.75	117	185700	18.030	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	164561	16.621	ug/l	97
40) Benzene	6.11	78	429430	17.660	ug/l	98
41) Methacrylonitrile	4.99	41	89358	16.799	ug/l	99
42) 1,2-Dichloroethane	6.16	62	186765	18.775	ug/l	99
43) Isopropyl Acetate	6.41	43	255223	16.669	ug/l	99
44) Trichloroethene	7.19	130	136862	19.260	ug/l	94
45) 1,2-Dichloropropane	7.49	63	114452	16.979	ug/l	100
46) Dibromomethane	7.63	93	80814	16.964	ug/l	99
47) Bromodichloromethane	7.87	83	173627	18.114	ug/l	99
48) Methyl methacrylate	7.74	41	121743	16.040	ug/l	96
49) 1,4-Dioxane	7.71	88	54881	377.154	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	796354	87.169	ug/l	98
52) Toluene	8.76	92	280383	17.980	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	194614	18.137	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	204381	18.674	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	117278	18.053	ug/l	95
56) Ethyl methacrylate	9.16	69	171534	17.527	ug/l	99
57) 1,3-Dichloropropane	9.35	76	189886	17.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	408738	79.271	ug/l	98
59) 2-Hexanone	9.47	43	588072	85.498	ug/l	99
60) Dibromochloromethane	9.56	129	149247	18.076	ug/l	99
61) 1,2-Dibromoethane	9.65	107	131539	19.019	ug/l	100
64) Tetrachloroethene	9.32	164	135758	19.465	ug/l	98
65) Chlorobenzene	10.12	112	320675	19.066	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	123376	18.175	ug/l	99
67) Ethyl Benzene	10.24	91	523746	18.654	ug/l	99
68) m/p-Xylenes	10.34	106	445120	40.924	ug/l	99
69) o-Xylene	10.68	106	185997	17.780	ug/l	99
70) Styrene	10.70	104	333499	18.738	ug/l	99
71) Bromoform	10.84	173	104764	17.814	ug/l #	97
73) Isopropylbenzene	11.00	105	536862	17.141	ug/l	99
74) N-amyl acetate	10.88	43	218323	15.689	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	164684	16.845	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	161256m	17.170	ug/l	
77) Bromobenzene	11.24	156	152946	17.443	ug/l	98
78) n-propylbenzene	11.34	91	612002	17.325	ug/l	99
79) 2-Chlorotoluene	11.40	91	354192	16.186	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	465380	17.403	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	59049	15.843	ug/l	97
82) 4-Chlorotoluene	11.49	91	447769	17.347	ug/l	99
83) tert-Butylbenzene	11.76	119	438282	17.128	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	466845	17.552	ug/l	99
85) sec-Butylbenzene	11.93	105	516969	17.343	ug/l	100
86) p-Isopropyltoluene	12.05	119	530417	18.686	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	277178	18.408	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	275738	17.680	ug/l	98
89) n-Butylbenzene	12.37	91	452427	17.887	ug/l	97
90) Hexachloroethane	12.58	117	96884	17.312	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	249820	16.881	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	40651	16.522	ug/l	99

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ClientSampleId :
VX0724WBS01

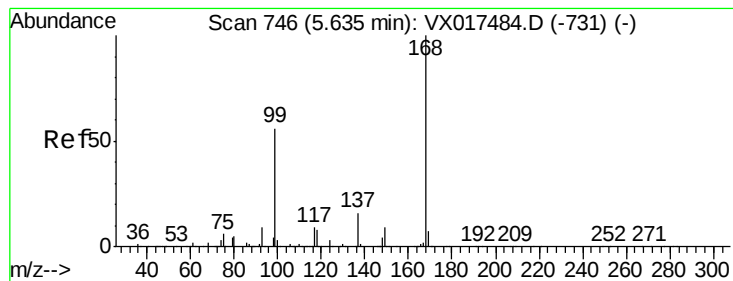
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	174948	17.322	ug/l	99
94) Hexachlorobutadiene	13.76	225	80063	17.221	ug/l	95
95) Naphthalene	13.82	128	485231	16.094	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	175215	17.570	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017534.D

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Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS01

Tgt Ion: 168 Resp: 588534

Ion Ratio Lower Upper

168 100

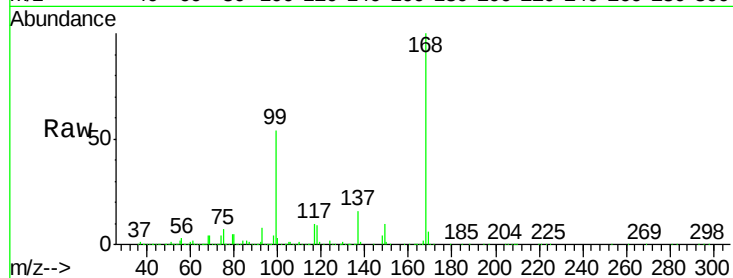
99 53.9 43.4 65.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

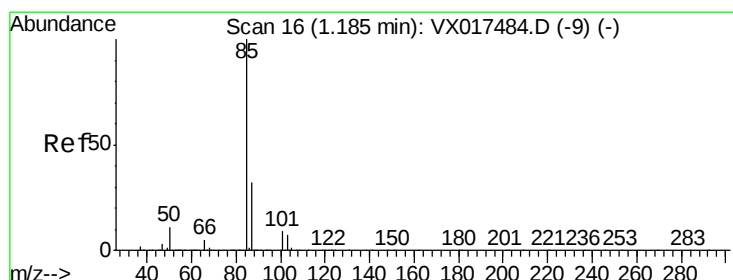
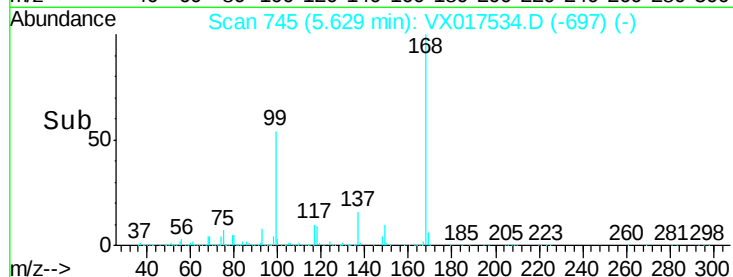
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.293 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017534.D

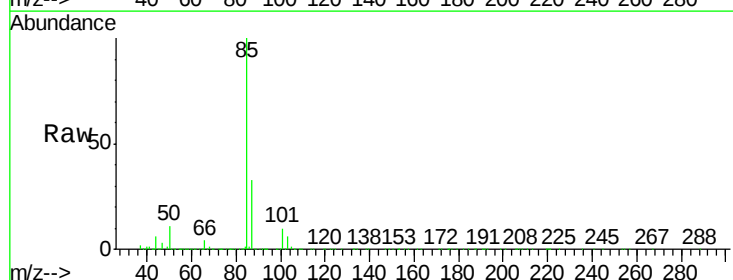
Acq: 24 Jul 2020 11:51

Tgt Ion: 85 Resp: 114107

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

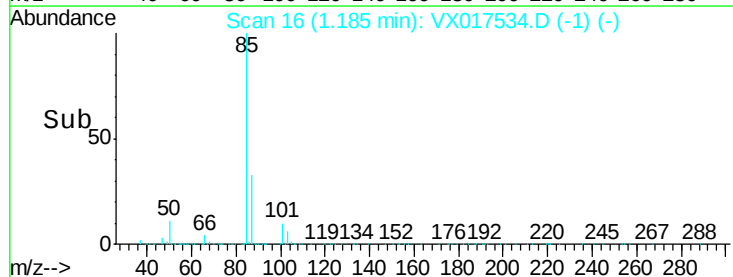
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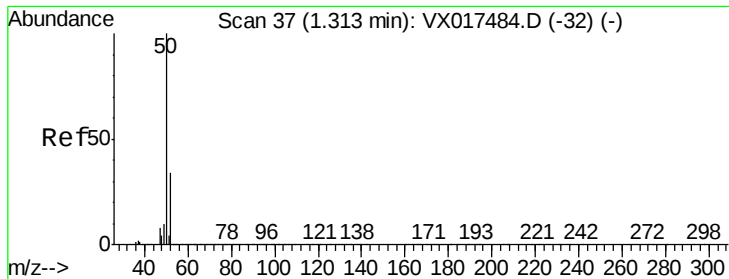
100000

50000

0

Time-->





#3

Chloromethane

Concen: 17.780 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

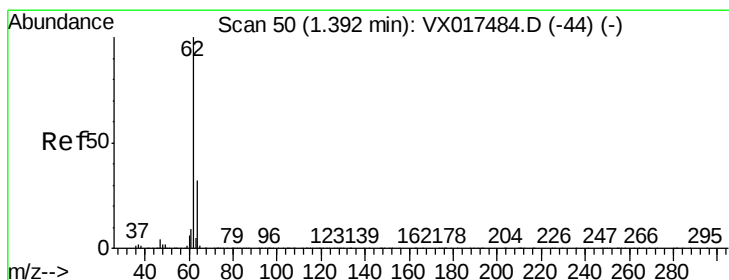
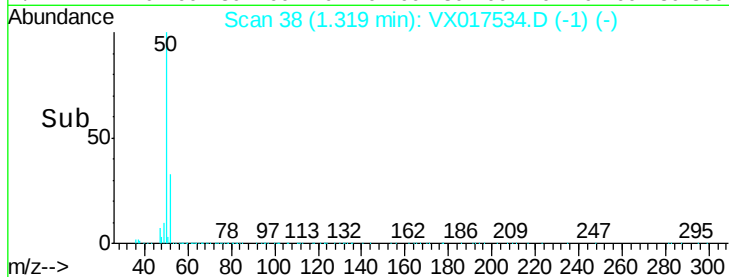
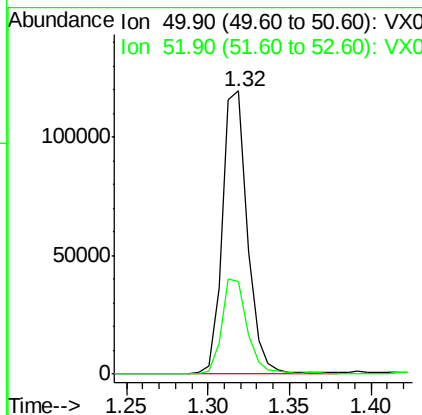
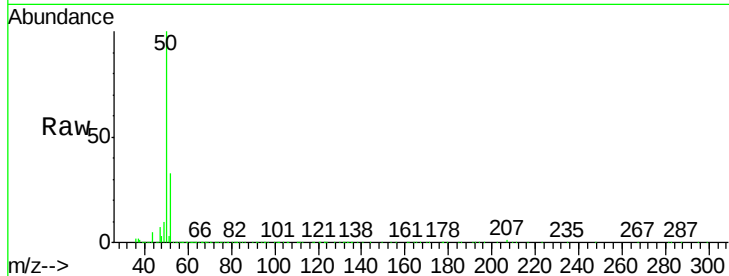
ClientSampled :

VX0724WBS01

Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.9	38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.140 ug/l

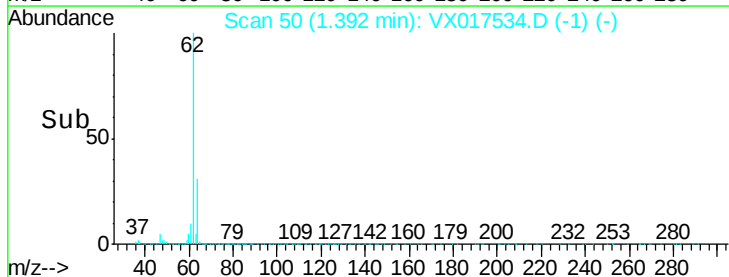
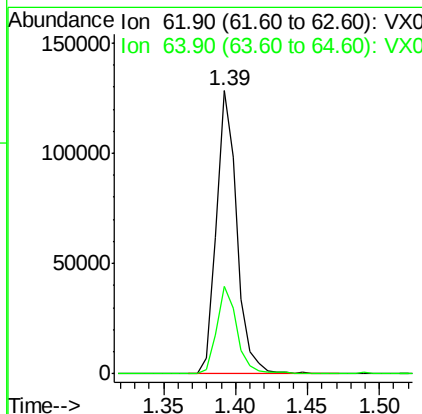
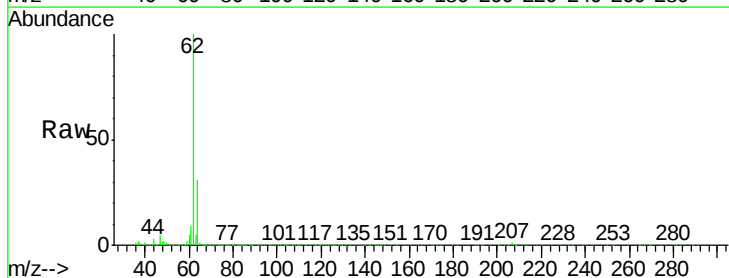
RT: 1.39 min Scan# 50

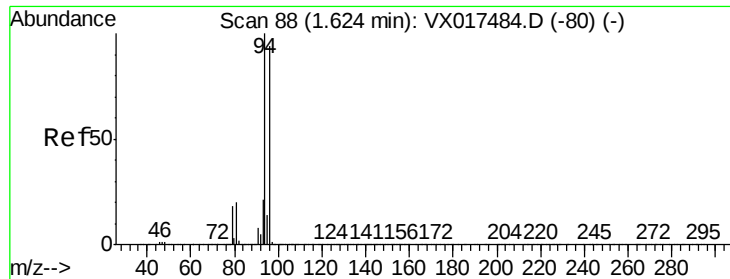
Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.9	25.2	37.8





#5

Bromomethane

Concen: 21.524 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS01

Tgt Ion: 94 Resp: 92583

Ion Ratio Lower Upper

94 100

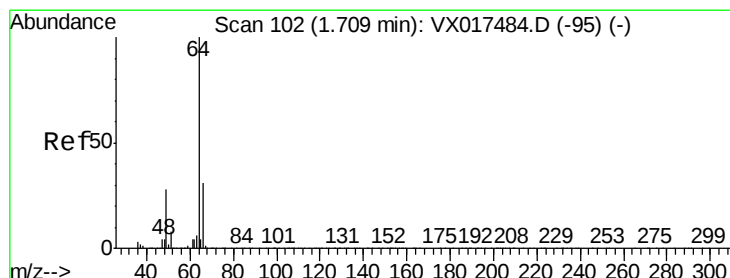
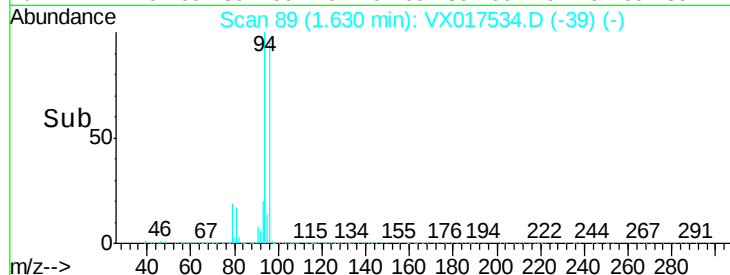
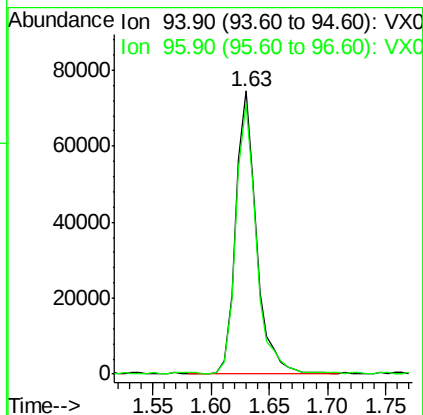
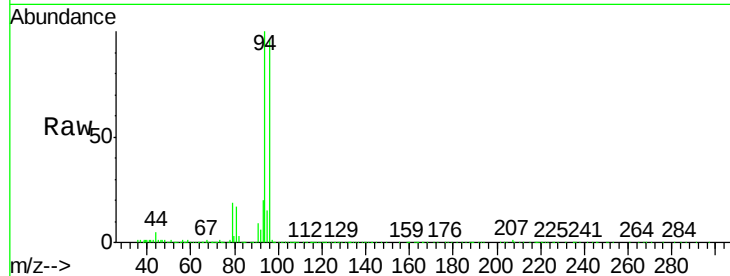
96 95.1 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 18.030 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017534.D

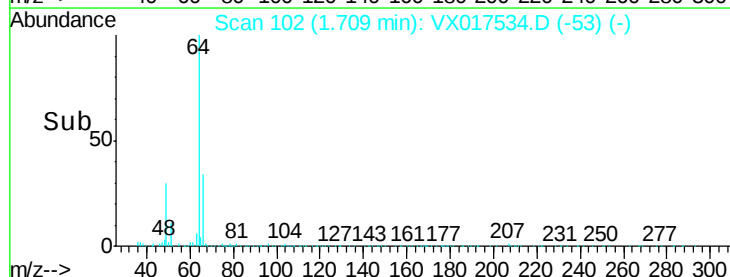
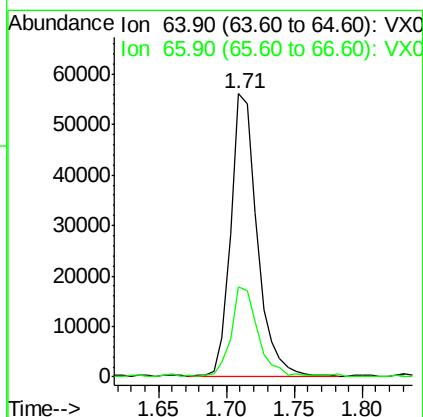
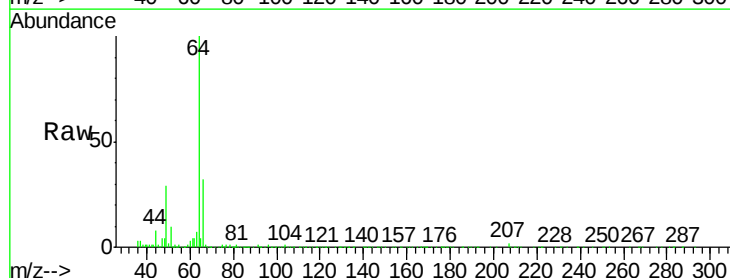
Acq: 24 Jul 2020 11:51

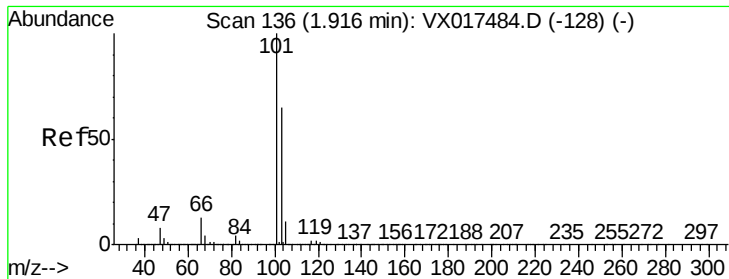
Tgt Ion: 64 Resp: 75627

Ion Ratio Lower Upper

64 100

66 31.5 24.9 37.3





#7

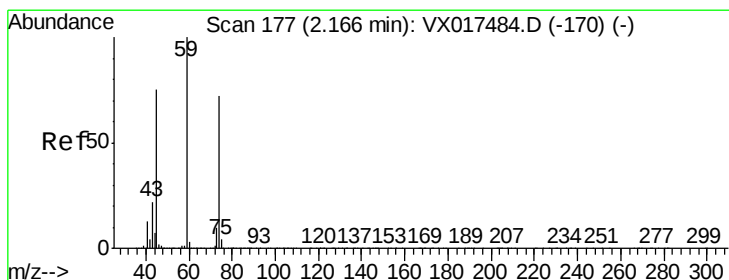
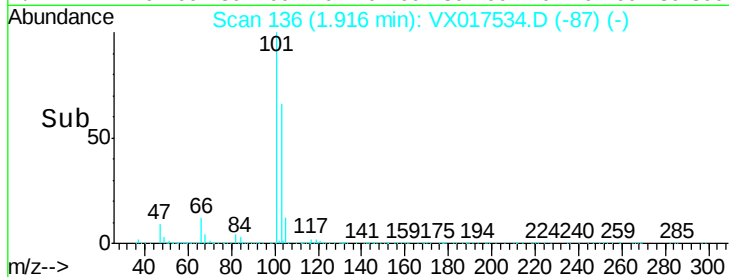
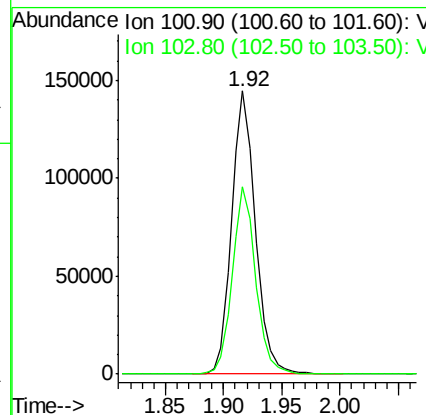
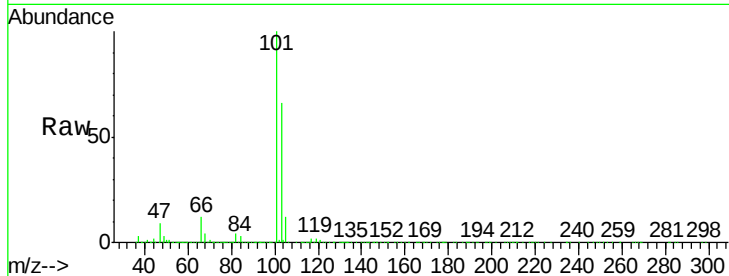
Trichlorofluoromethane
Concen: 17.596 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

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MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.2	51.8	77.8

Manual Integrations
APPROVED

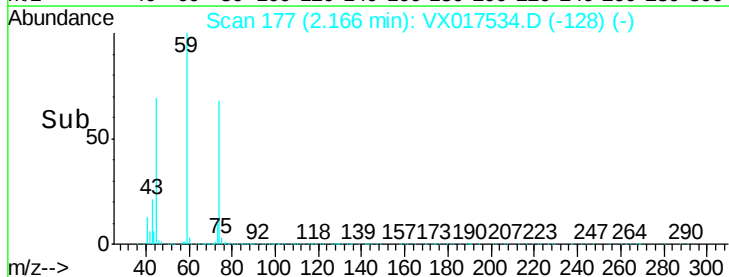
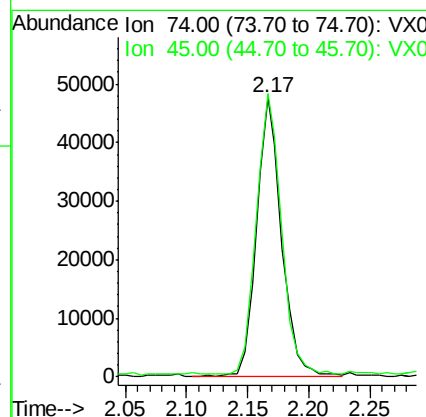
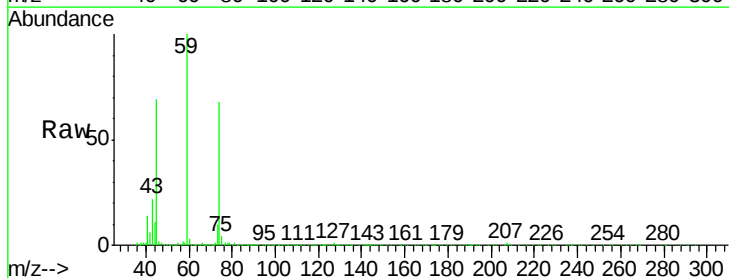
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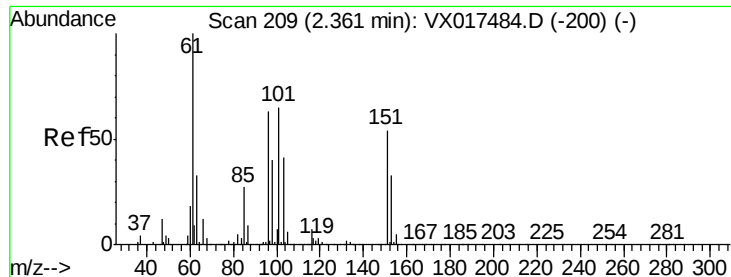


#8

Diethyl Ether
Concen: 16.937 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.2	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.912 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

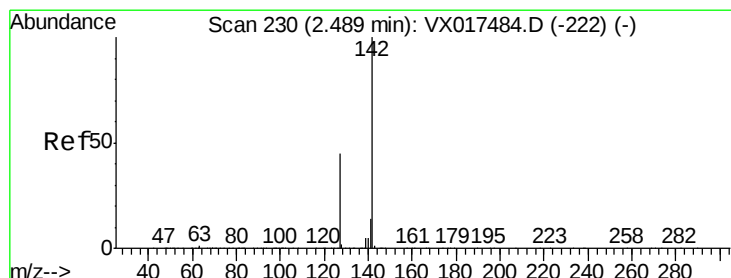
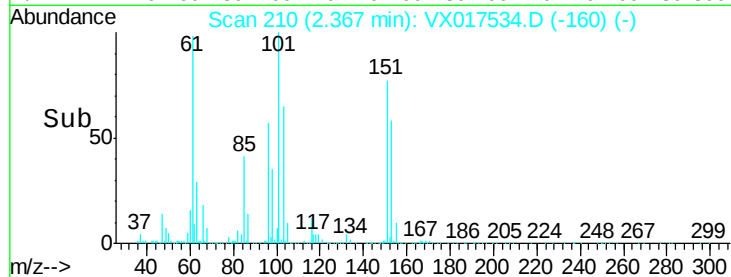
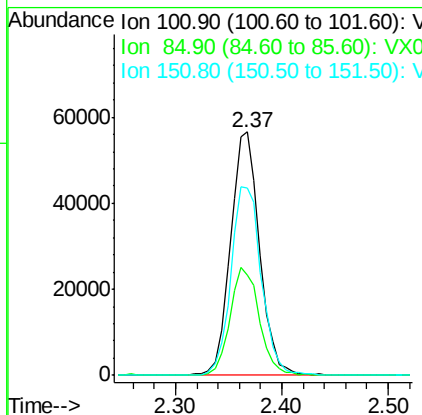
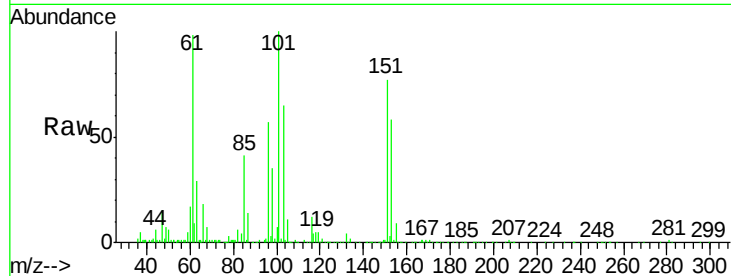
ClientSampleId :

VX0724WBS01

Tgt Ion:	101	Resp:	108109
Ion Ratio	Lower	Upper	
101	100		
85	44.8	34.8	52.2
151	81.3	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 14.687 ug/l

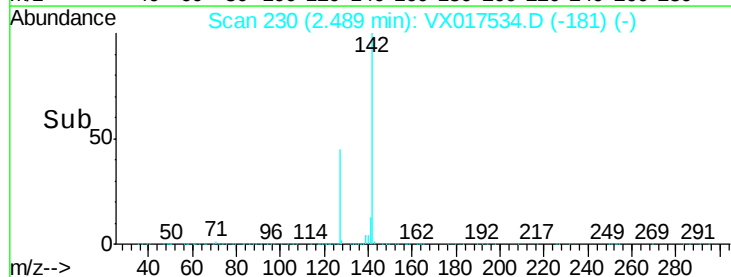
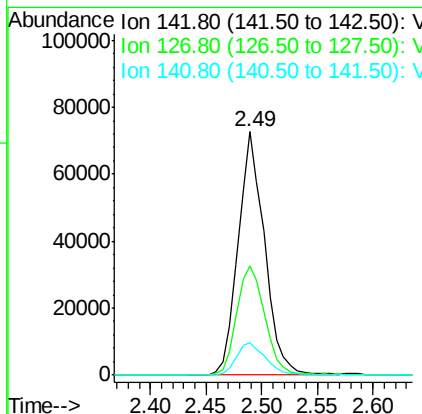
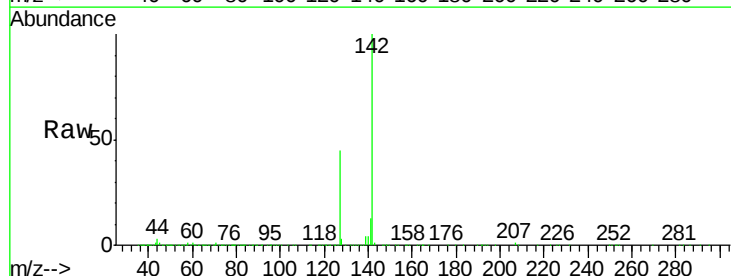
RT: 2.49 min Scan# 230

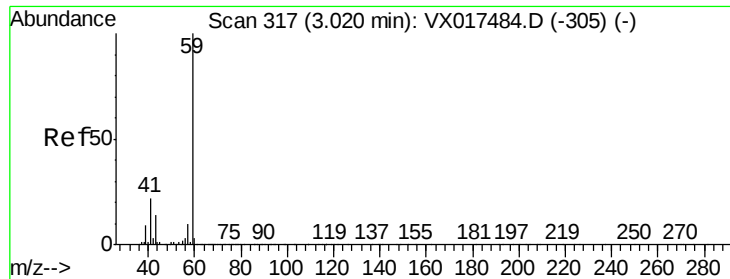
Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Tgt Ion:	142	Resp:	120114
Ion Ratio	Lower	Upper	
142	100		
127	47.5	35.9	53.9
141	14.8	11.4	17.0





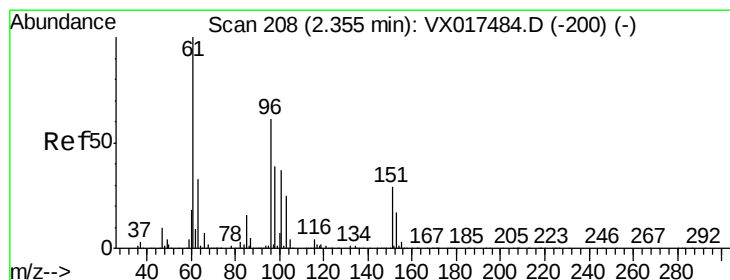
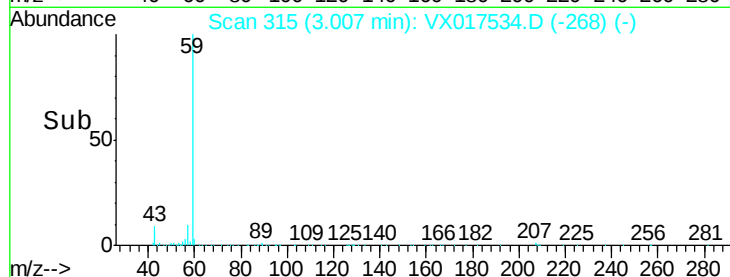
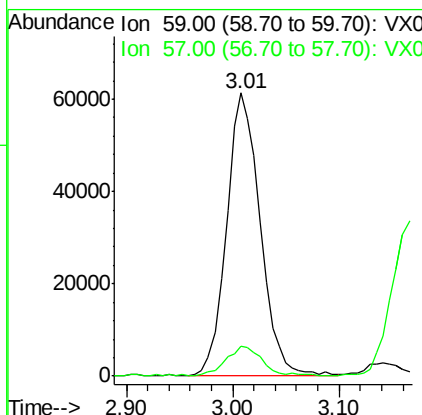
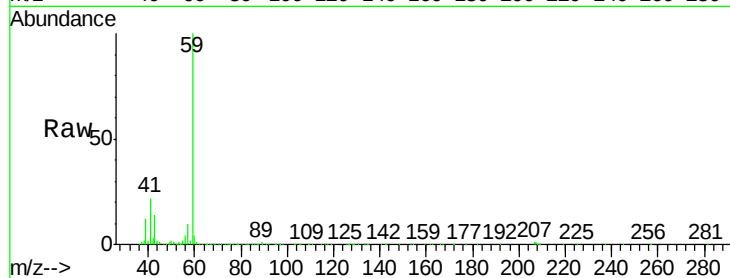
#11
Tert butyl alcohol
Concen: 85.022 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion: 59 Resp: 135468
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

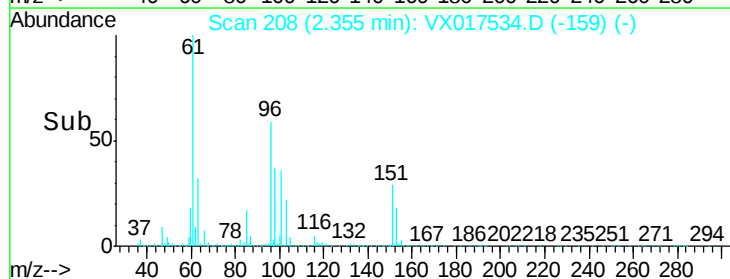
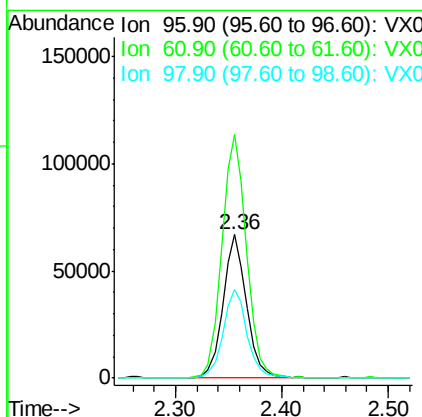
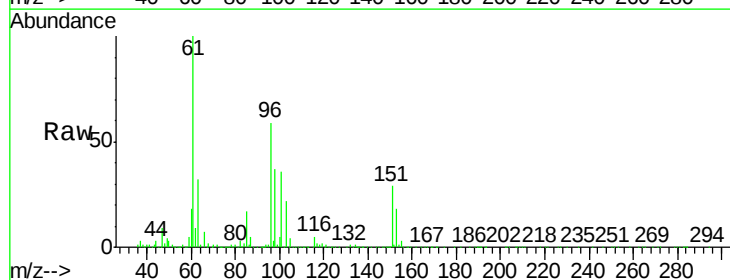
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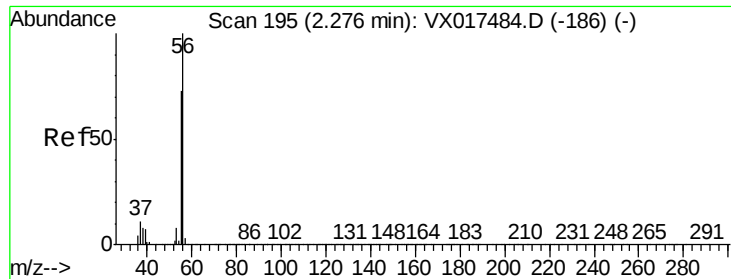
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#12
1,1-Dichloroethene
Concen: 17.005 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion: 96 Resp: 103372
Ion Ratio Lower Upper
96 100
61 169.7 134.0 201.0
98 62.1 51.0 76.4





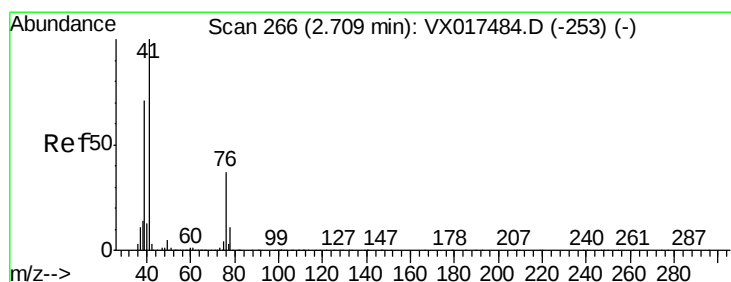
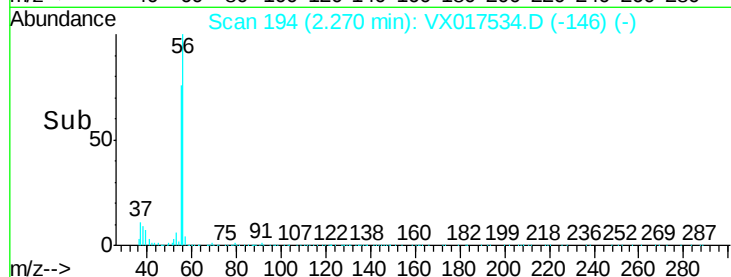
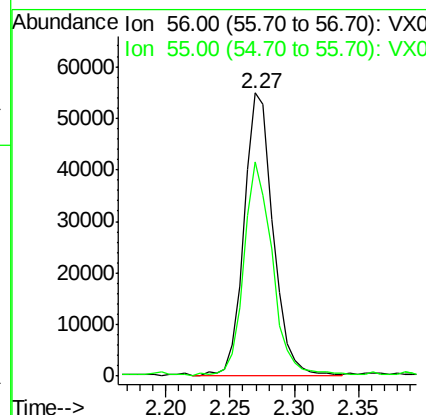
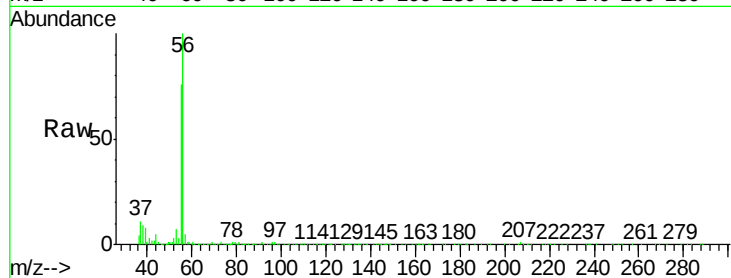
#13
Acrolein
Concen: 72.407 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion: 56 Resp: 84437
Ion Ratio Lower Upper
56 100
55 74.4 57.4 86.2

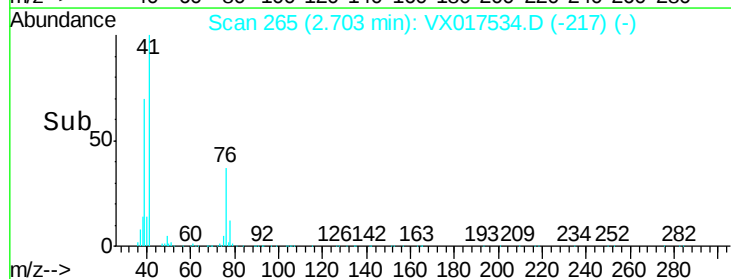
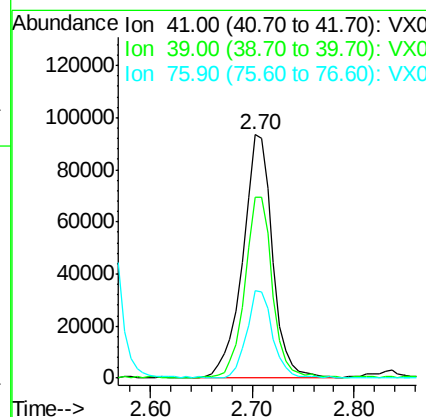
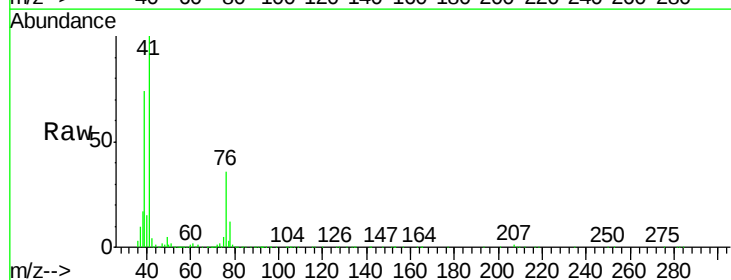
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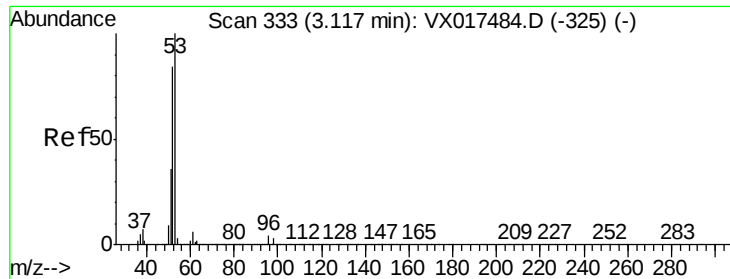
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#14
Allyl chloride
Concen: 16.990 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion: 41 Resp: 188583
Ion Ratio Lower Upper
41 100
39 68.9 51.9 77.9
76 31.4 25.5 38.3





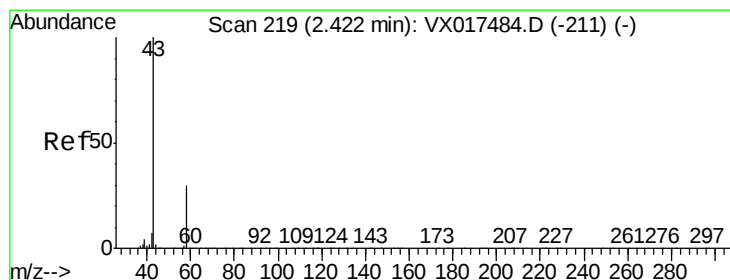
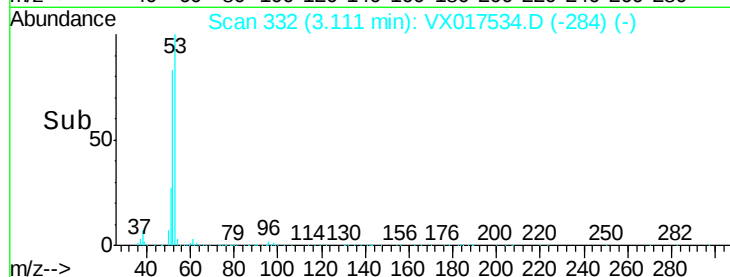
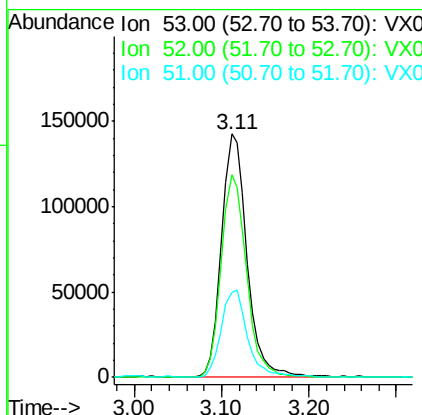
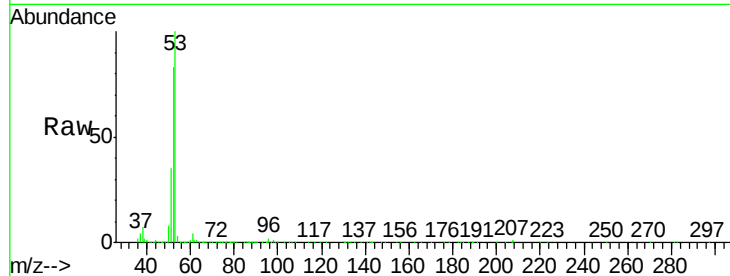
#15
Acrylonitrile
Concen: 83.778 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion:	53	Resp:	288314
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.6	99.8
51	37.3	29.4	44.2

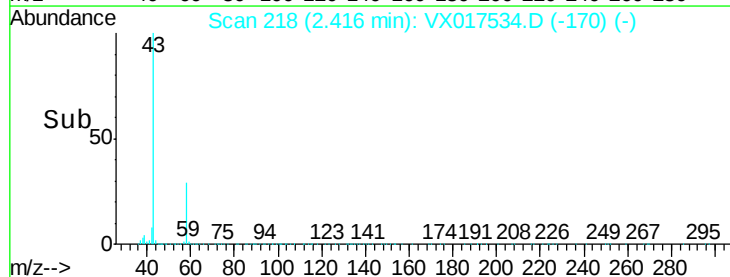
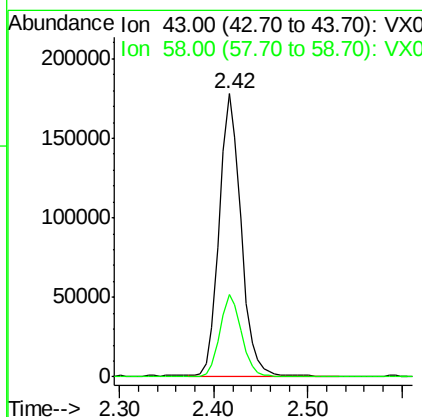
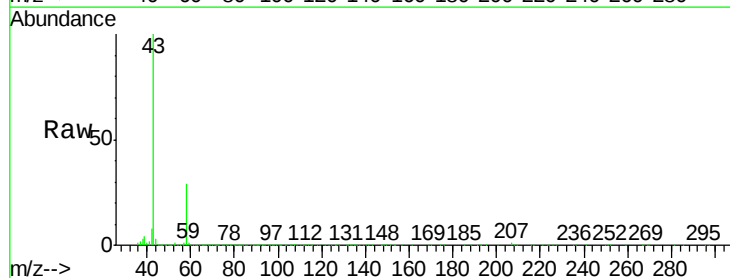
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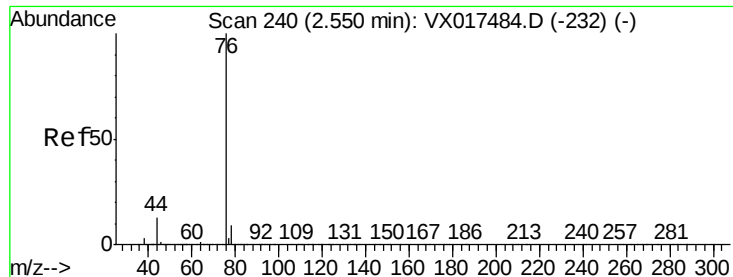
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#16
Acetone
Concen: 86.111 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion:	43	Resp:	286526
Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.2	36.4





#17

Carbon Disulfide

Concen: 16.938 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS01

Tgt Ion: 76 Resp: 312960

Ion Ratio Lower Upper

76 100

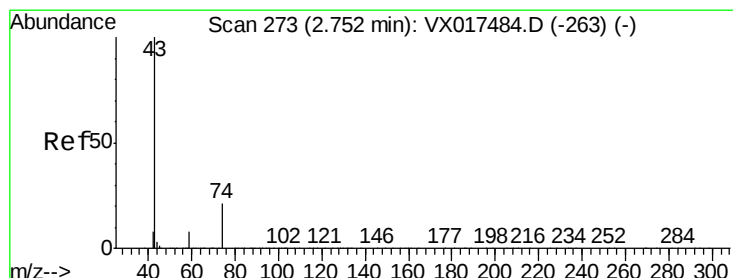
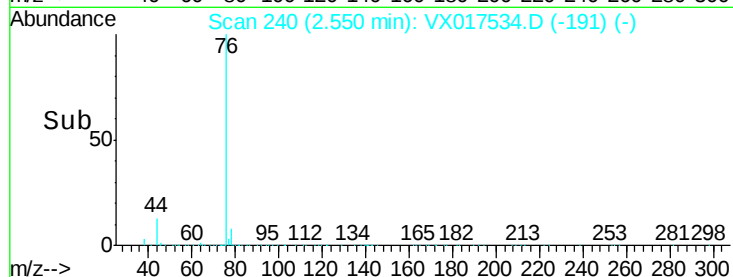
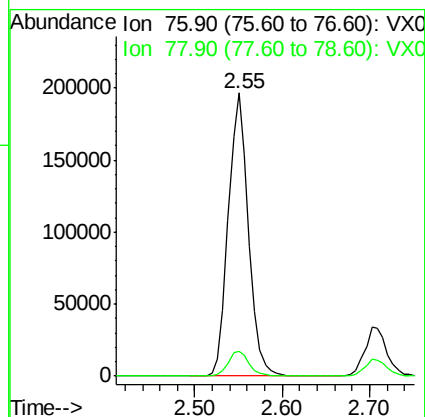
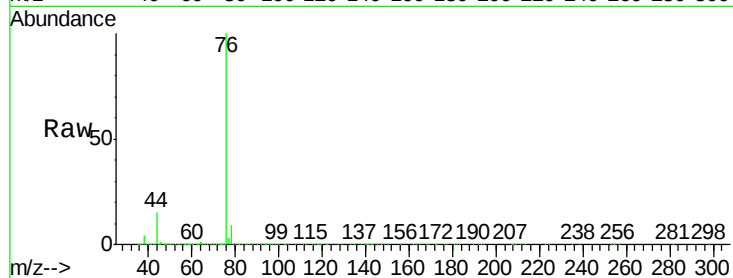
78 8.6 7.5 11.3

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#18

Methyl Acetate

Concen: 16.188 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017534.D

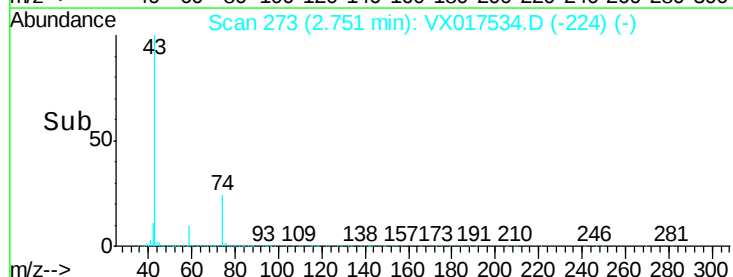
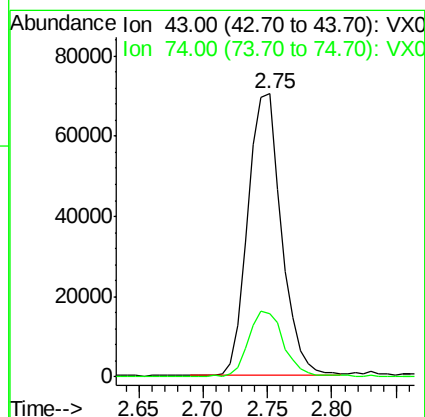
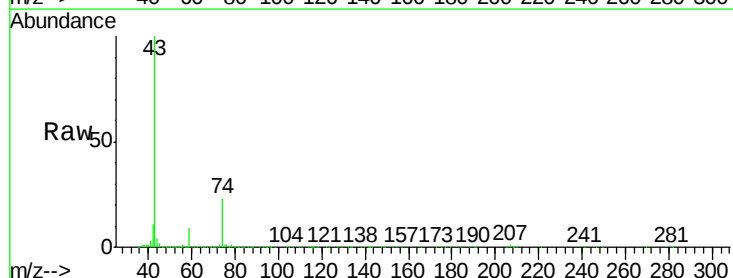
Acq: 24 Jul 2020 11:51

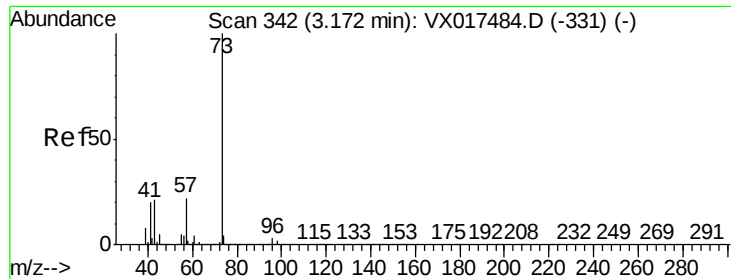
Tgt Ion: 43 Resp: 126855

Ion Ratio Lower Upper

43 100

74 24.9 17.5 26.3





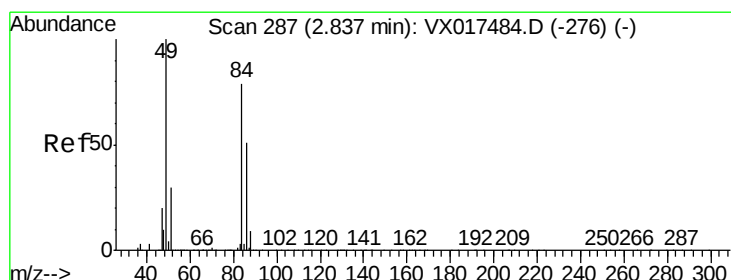
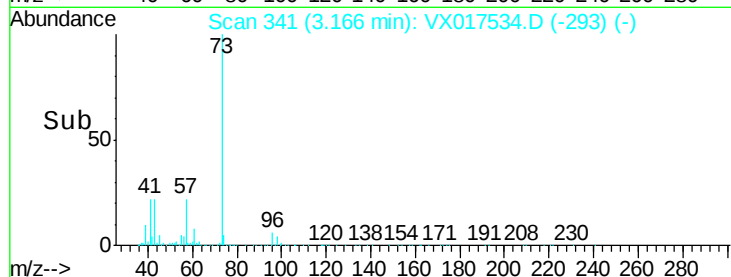
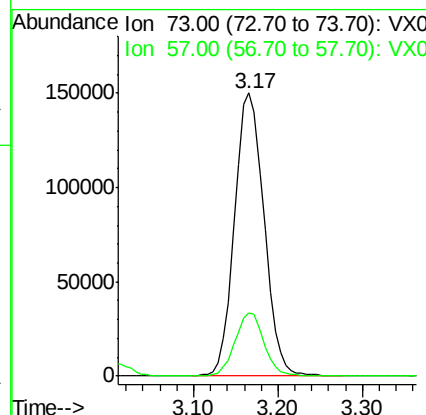
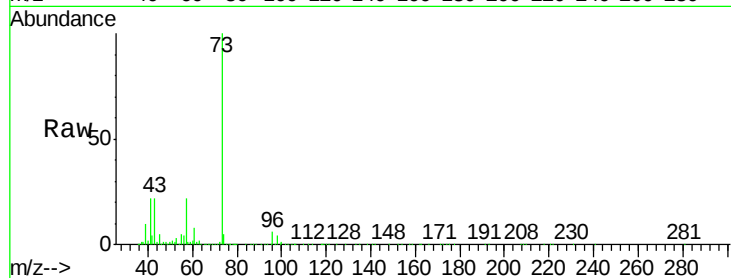
#19
Methyl tert-butyl Ether
Concen: 16.865 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion: 73 Resp: 354856
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.4

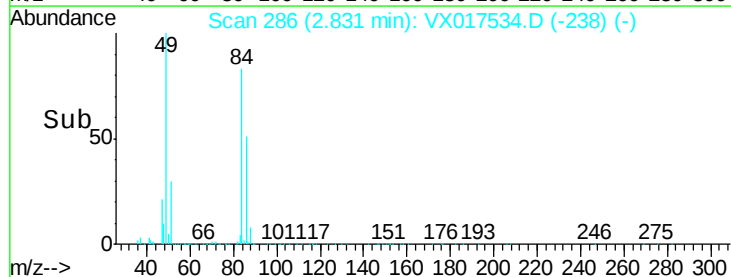
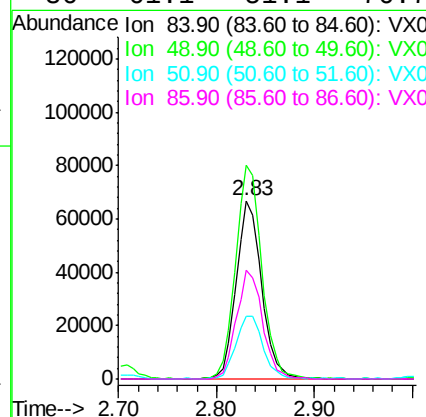
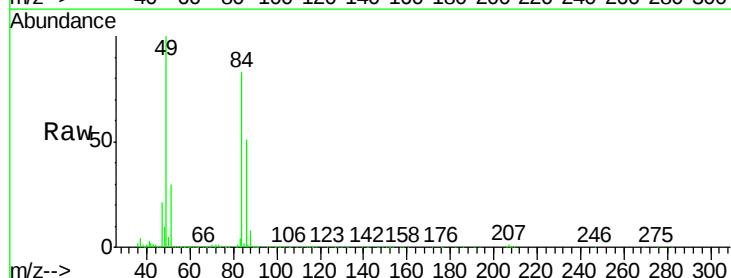
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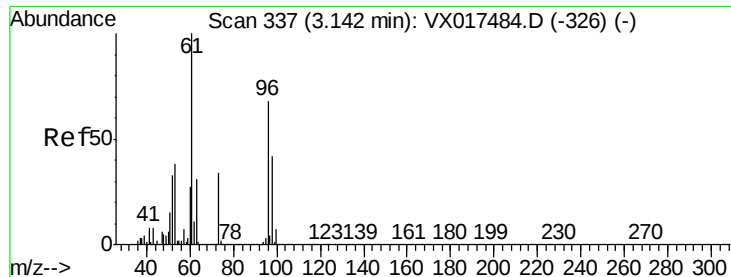
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#20
Methylene Chloride
Concen: 18.473 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion: 84 Resp: 120841
Ion Ratio Lower Upper
84 100
49 119.8 100.3 150.5
51 35.3 30.5 45.7
86 61.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.500 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

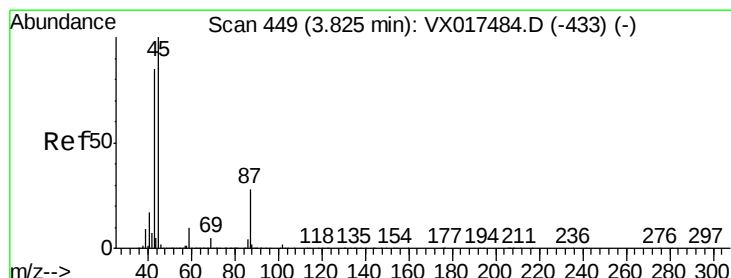
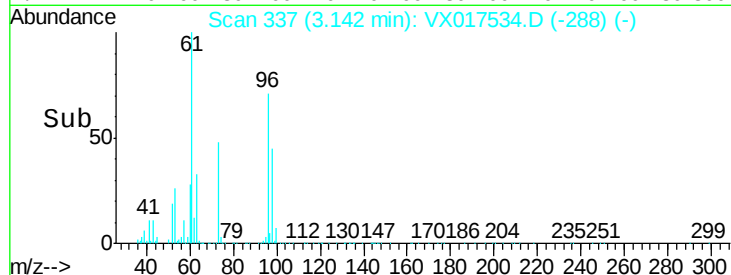
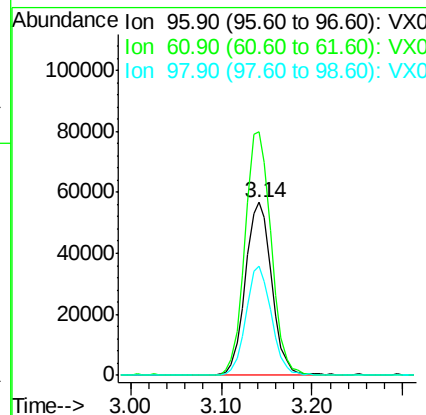
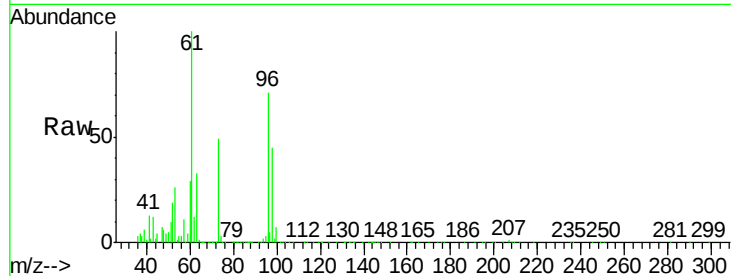
ClientSampleId :

VX0724WBS01

Tgt Ion:	96	Resp:	113965
Ion	Ratio	Lower	Upper
96	100		
61	141.0	113.0	169.4
98	63.5	51.8	77.8

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#22

Diisopropyl ether

Concen: 17.113 ug/l

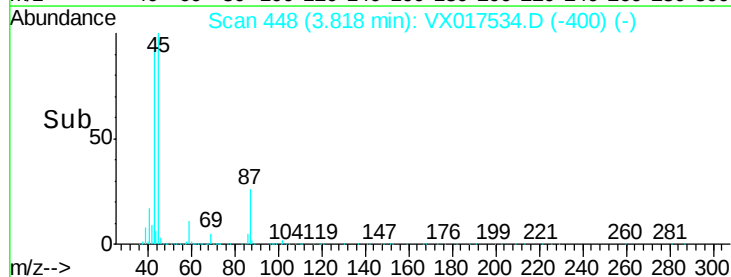
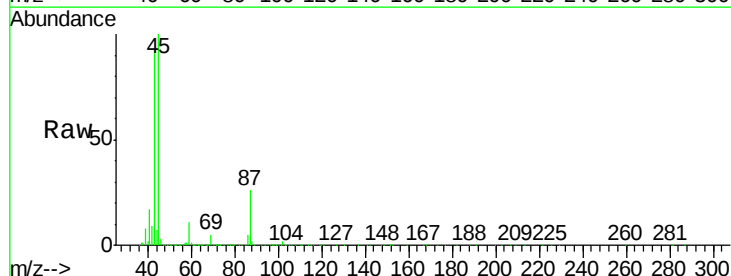
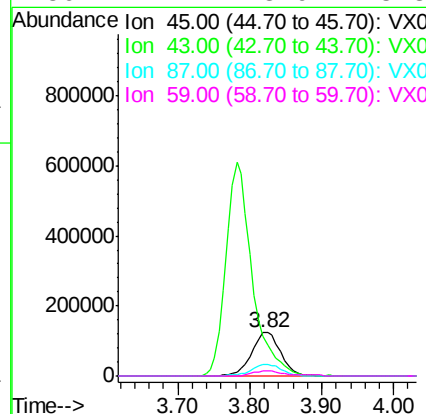
RT: 3.82 min Scan# 448

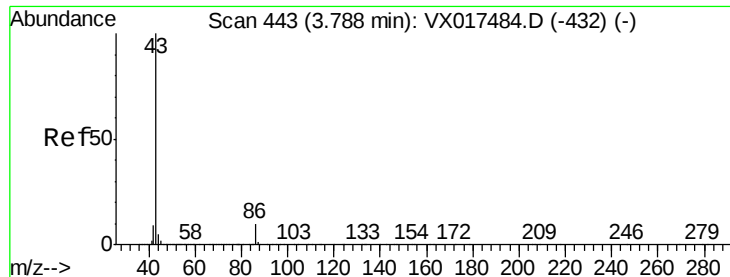
Delta R.T. -0.01 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Tgt Ion:	45	Resp:	347320
Ion	Ratio	Lower	Upper
45	100		
43	92.1	52.0	78.0#
87	25.4	22.2	33.4
59	11.4	8.9	13.3





#23

Vinyl Acetate

Concen: 85.721 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS01

Tgt Ion: 43 Resp: 1551224

Ion Ratio Lower Upper

43 100

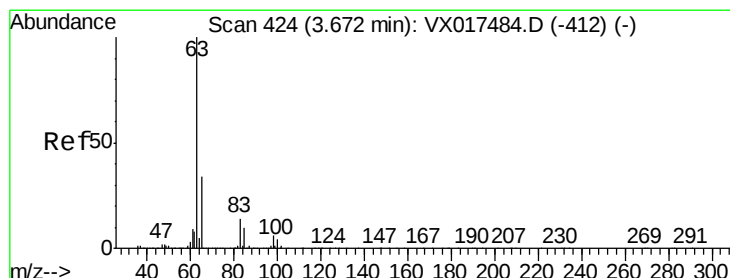
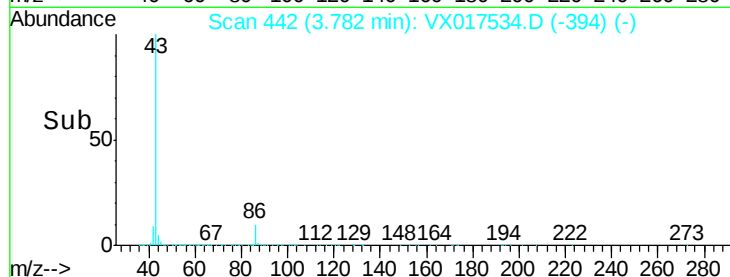
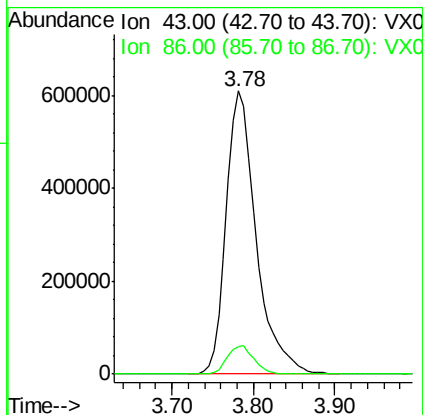
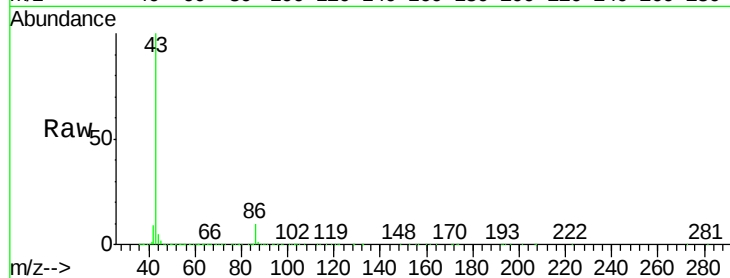
86 9.5 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 16.961 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

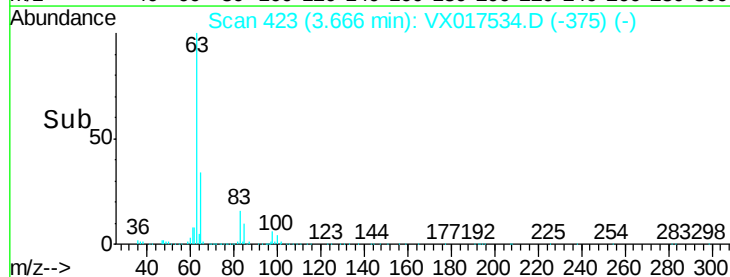
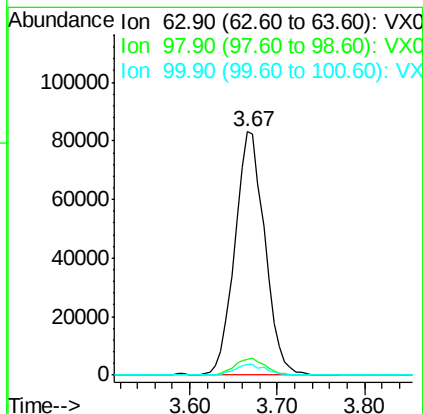
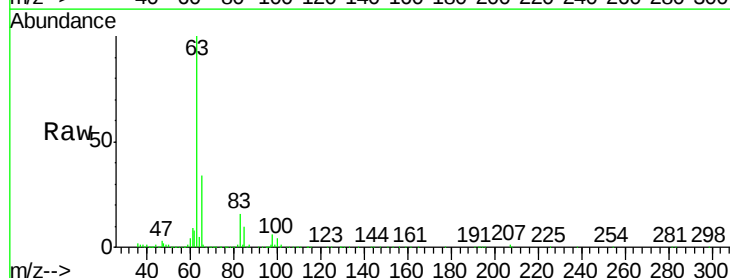
Tgt Ion: 63 Resp: 198303

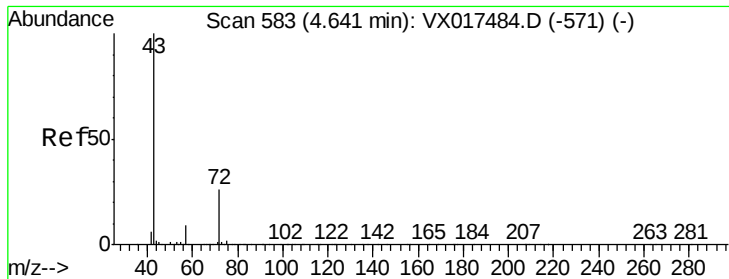
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

100 4.1 1.9 5.7





#25

2-Butanone

Concen: 85.760 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS01

Tgt Ion: 43 Resp: 405383

Ion Ratio Lower Upper

43 100

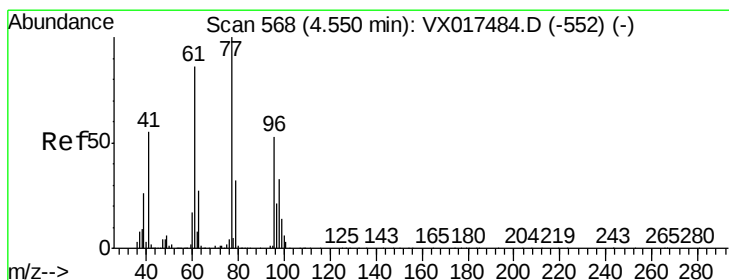
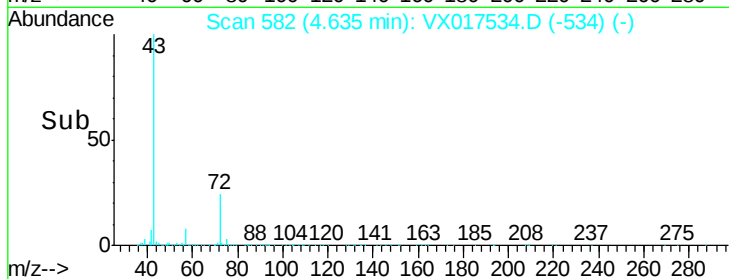
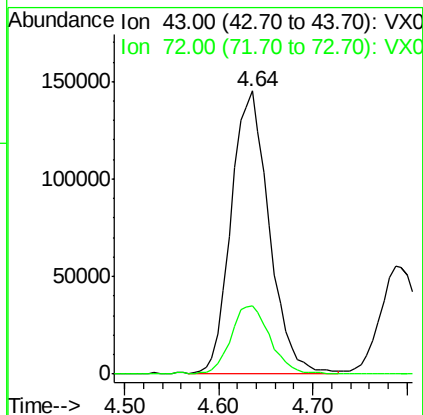
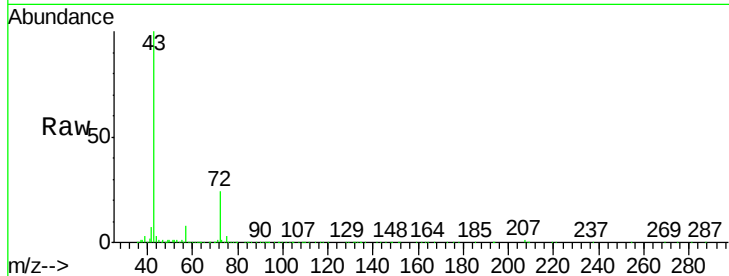
72 23.9 19.0 28.4

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#26

2,2-Dichloropropane

Concen: 18.195 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017534.D

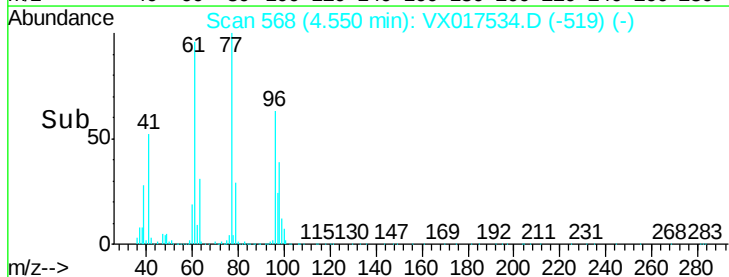
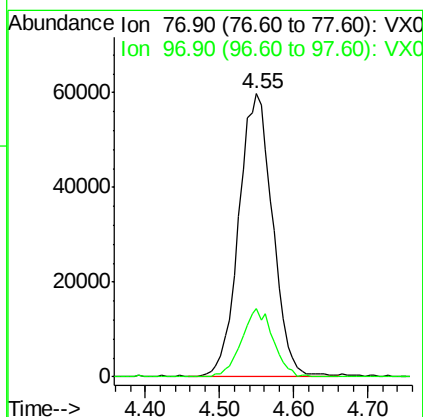
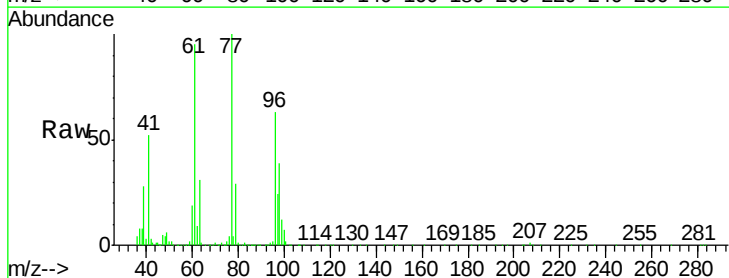
Acq: 24 Jul 2020 11:51

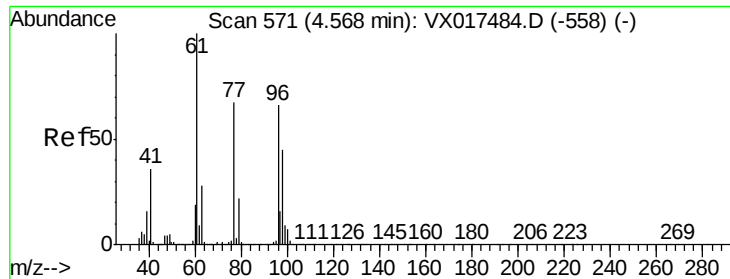
Tgt Ion: 77 Resp: 190419

Ion Ratio Lower Upper

77 100

97 22.5 10.9 32.9





#27

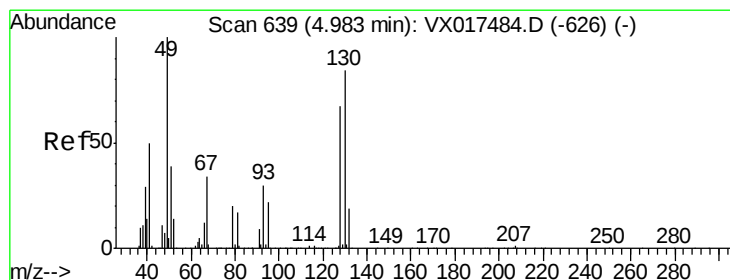
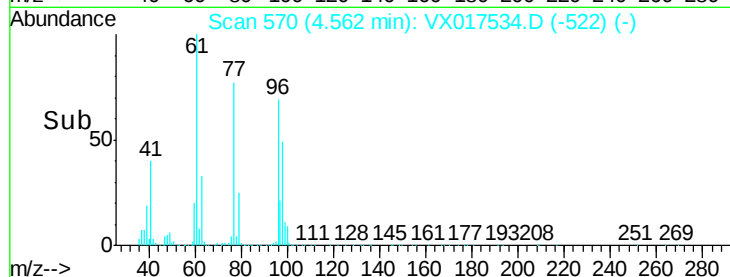
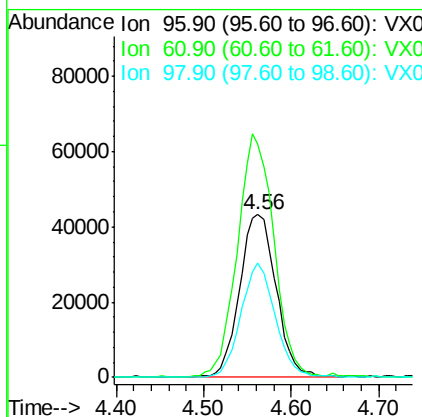
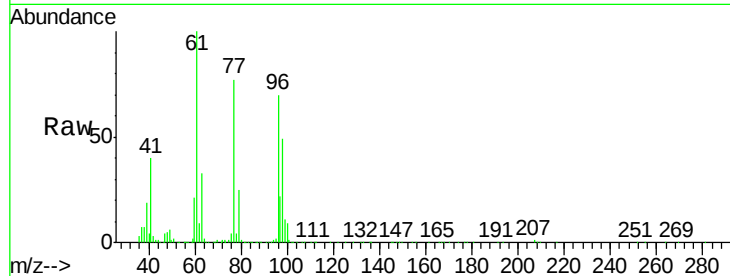
cis-1,2-Dichloroethene
Concen: 17.790 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	125835		
61	149.3	0.0	301.2	
98	65.8	0.0	130.0	

Manual Integrations
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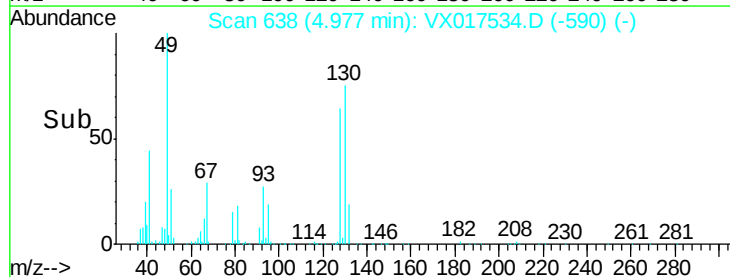
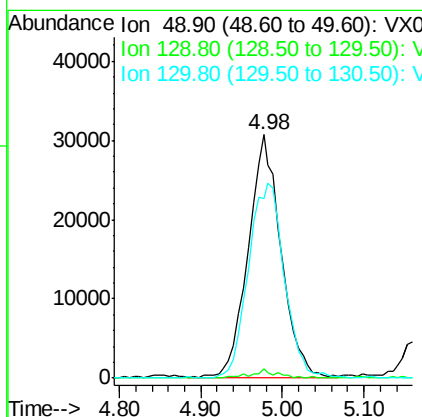
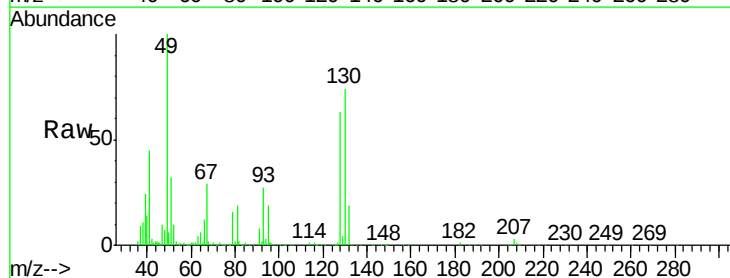
MMDadoda
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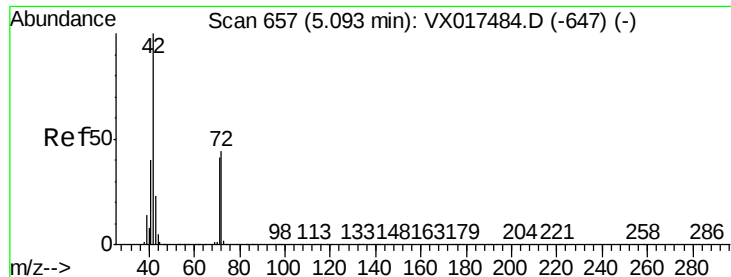


#28

Bromochloromethane
Concen: 16.168 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	85661		
129	2.7	0.0	4.6	
130	88.0	66.7	100.1	





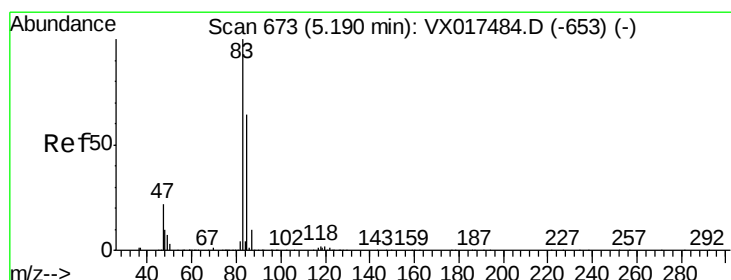
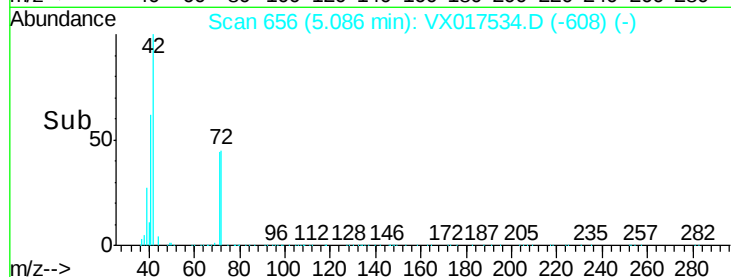
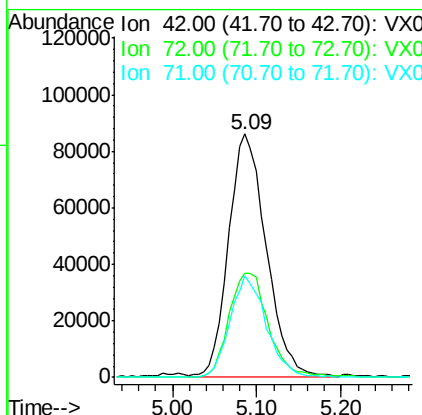
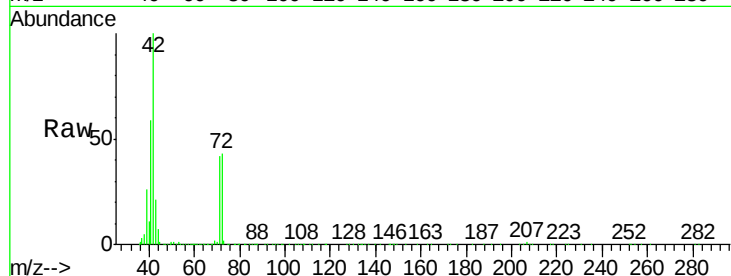
#29
Tetrahydrofuran
Concen: 88.657 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.5	53.3
71	40.6	33.0	49.4

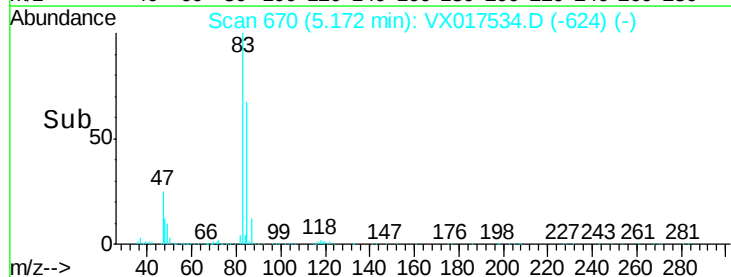
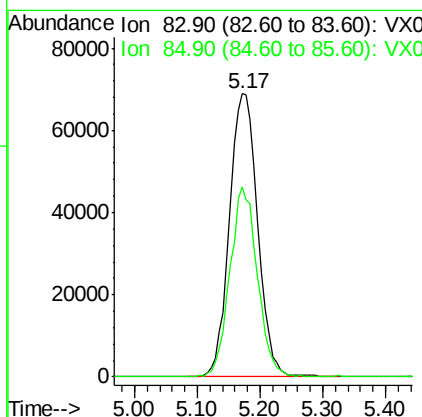
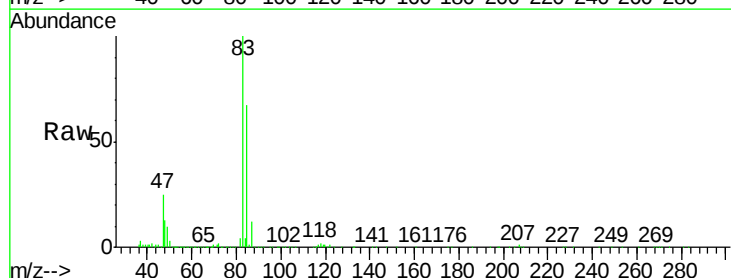
Manual Integrations
APPROVED

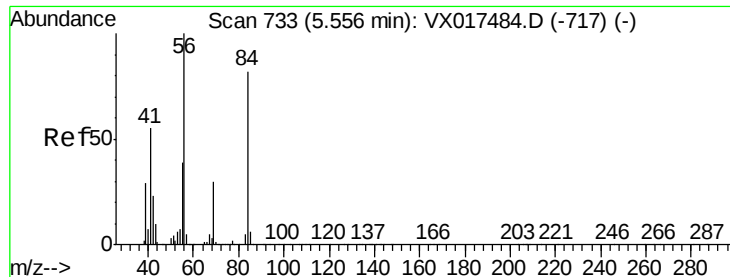
MMDadoda
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#30
Chloroform
Concen: 17.970 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.4	77.2





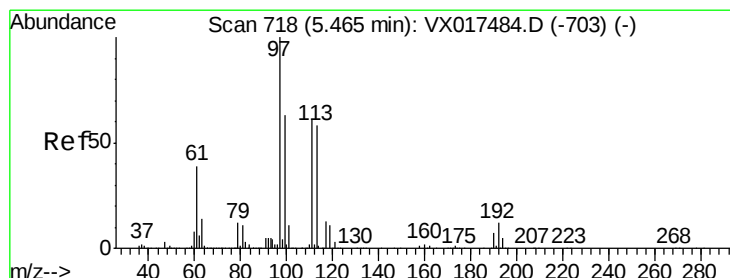
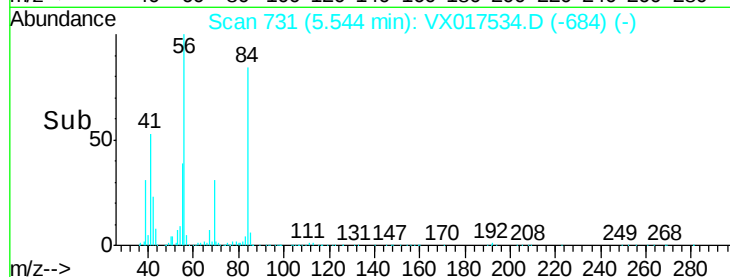
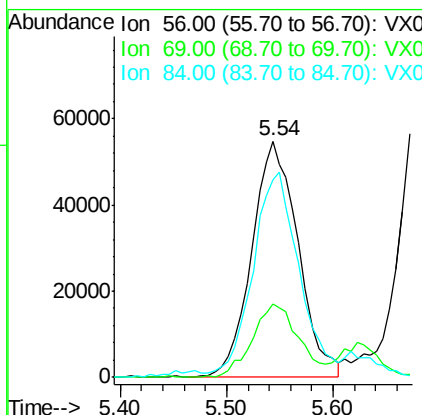
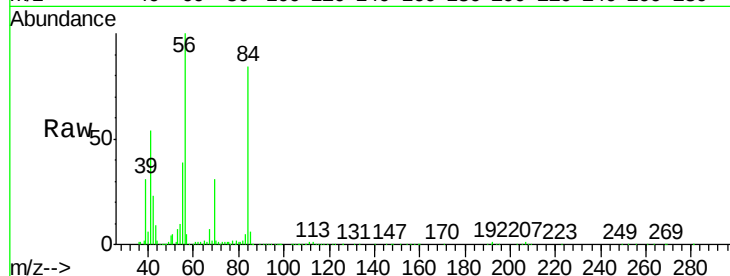
#31
Cyclohexane
Concen: 17.823 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.2	36.4
84	81.5	69.0	103.6

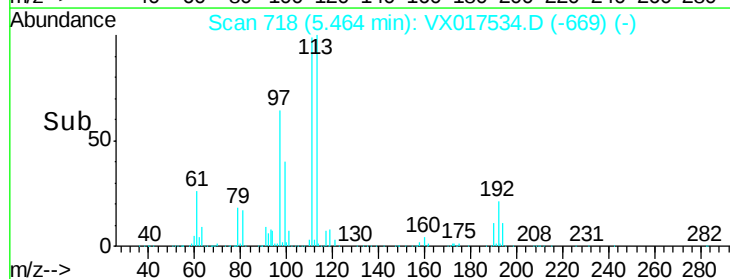
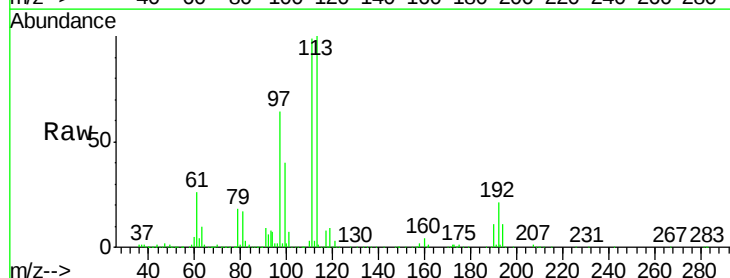
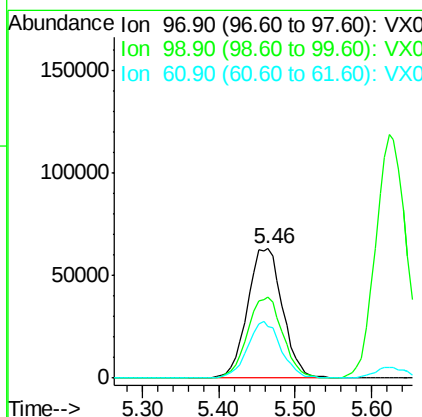
Manual Integrations
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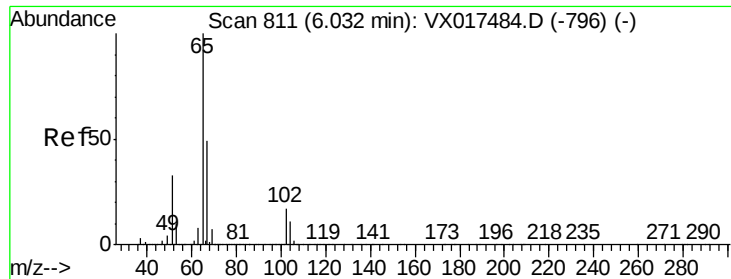
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#32
1,1,1-Trichloroethane
Concen: 17.821 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.9	77.9
61	41.7	34.1	51.1





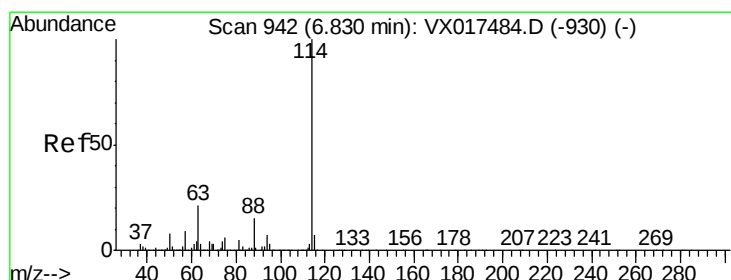
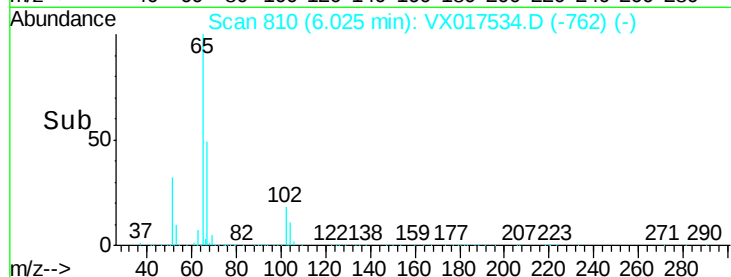
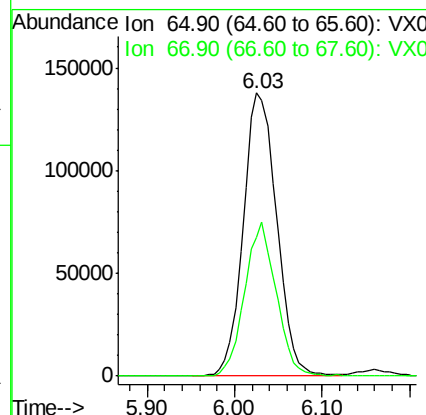
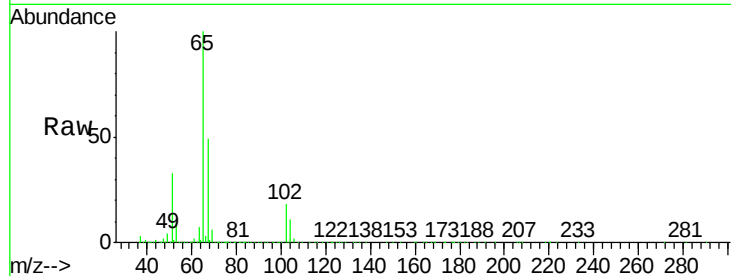
#33
 1,2-Dichloroethane-d4
 Concen: 48.276 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX017534.D
 Acq: 24 Jul 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.8

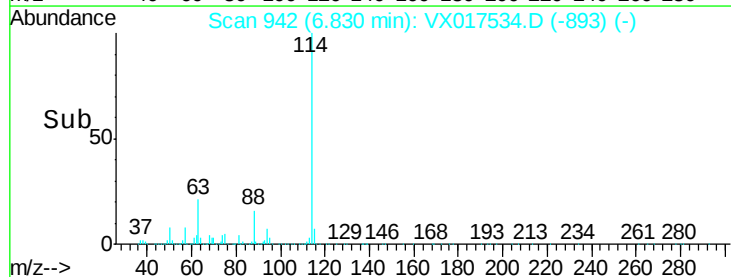
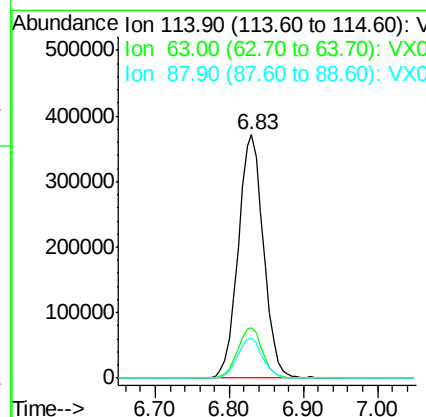
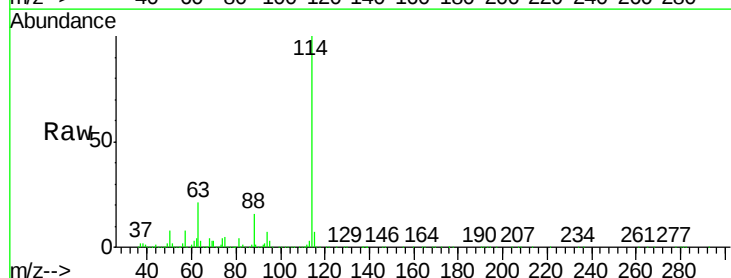
Manual Integrations
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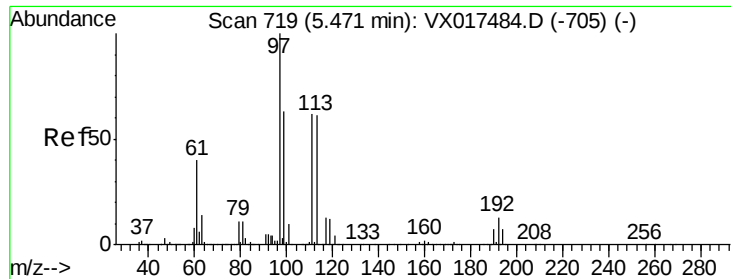
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017534.D
 Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.6
88	16.2	0.0	33.4





#35

Dibromofluoromethane

Concen: 48.511 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

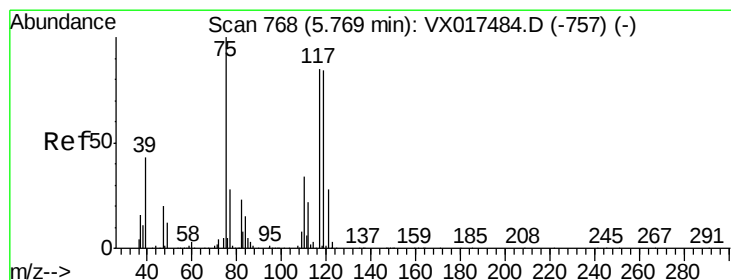
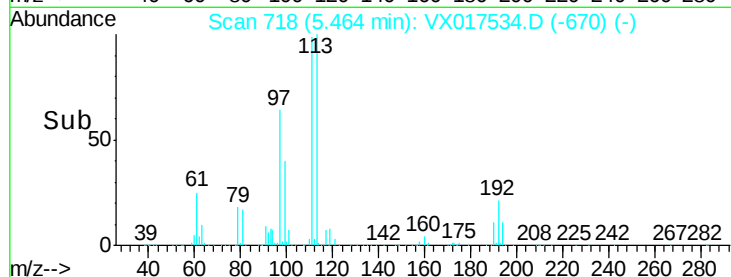
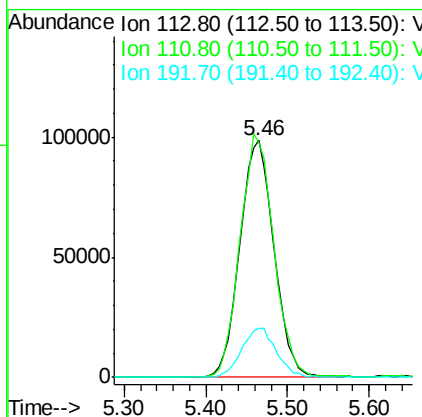
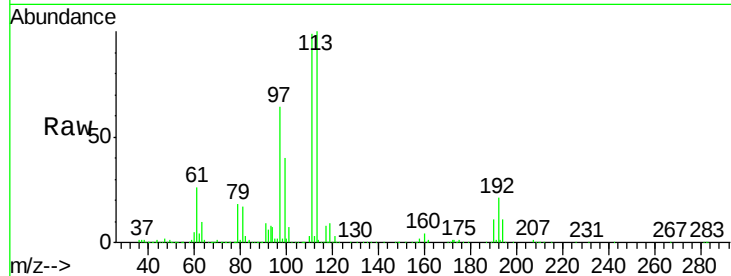
ClientSampled :

VX0724WBS01

Tgt Ion:	113	Resp:	286915
Ion Ratio	Lower	Upper	
113	100		
111	101.5	80.7	121.1
192	20.9	16.9	25.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.549 ug/l

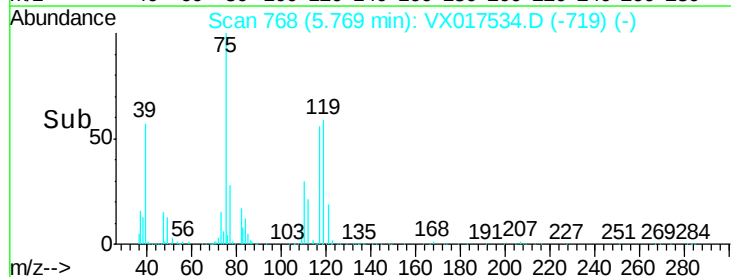
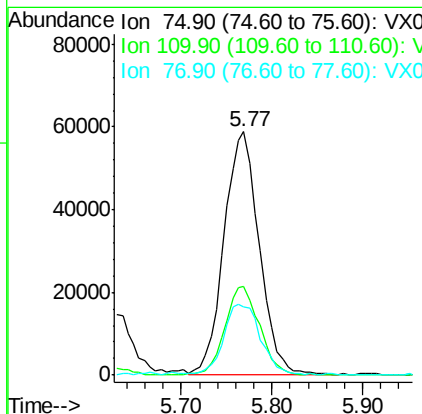
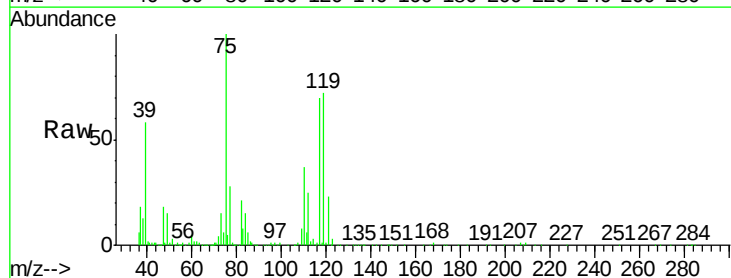
RT: 5.77 min Scan# 768

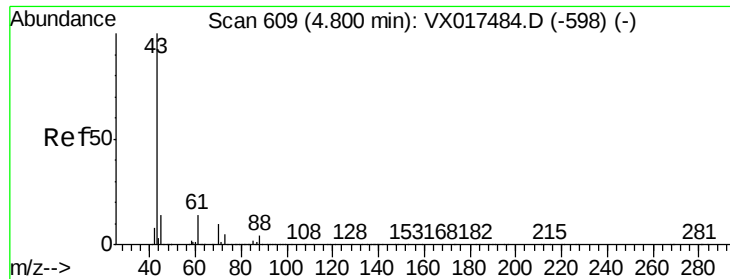
Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Tgt Ion:	75	Resp:	157324
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.1	54.3
77	30.4	24.6	37.0





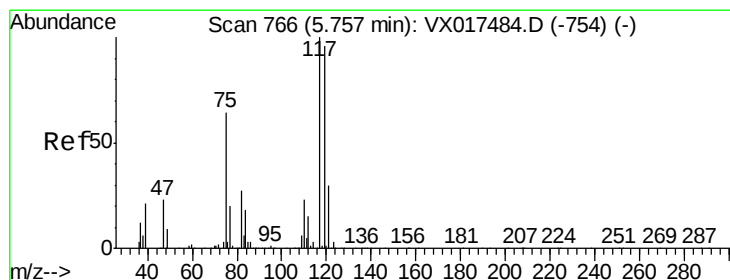
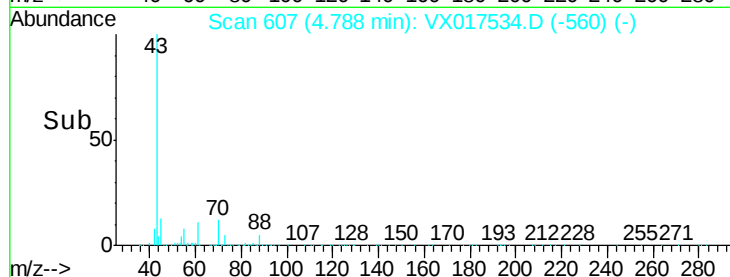
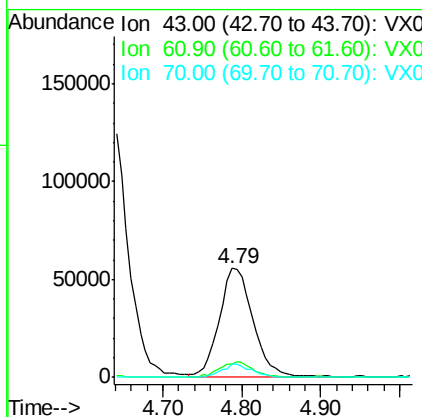
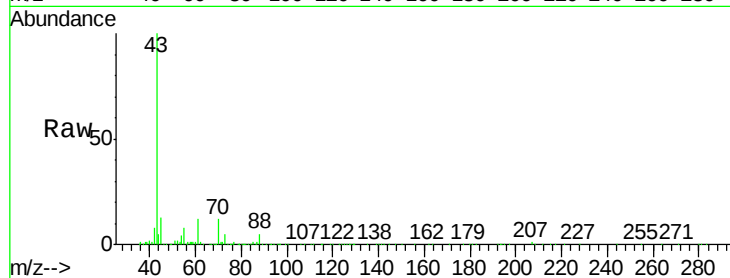
#37
Ethyl Acetate
Concen: 17.663 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	11.2	8.5	12.7

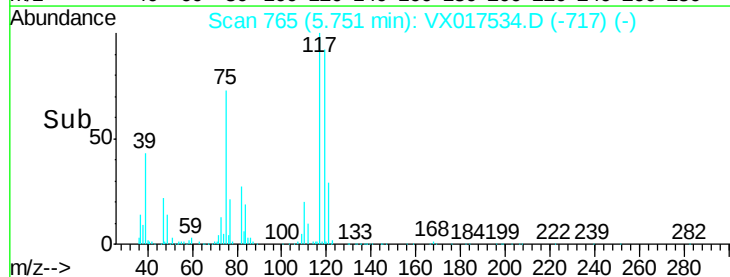
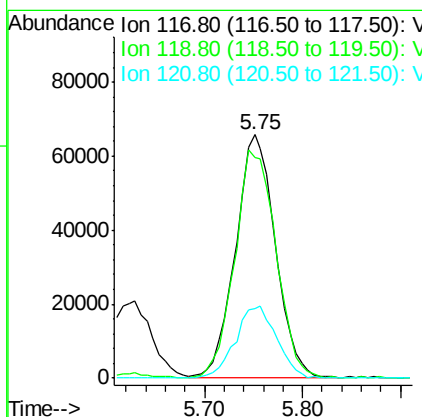
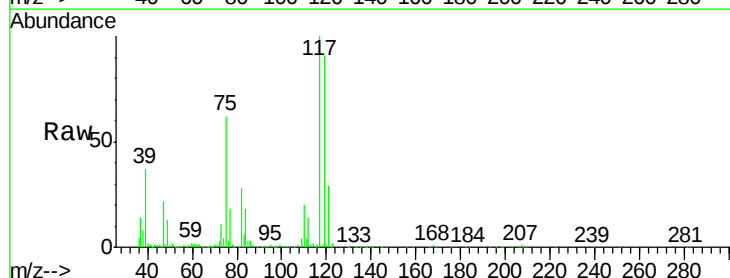
Manual Integrations
APPROVED

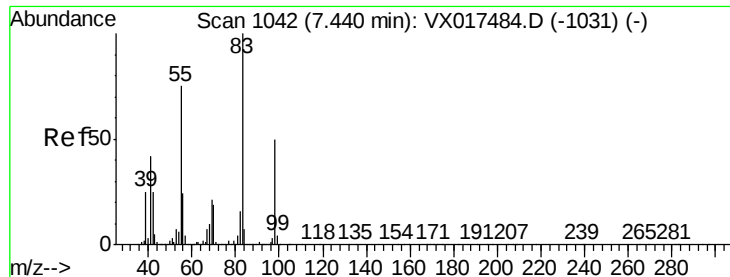
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#38
Carbon Tetrachloride
Concen: 18.030 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.8	75.4	113.0
121	28.7	24.3	36.5





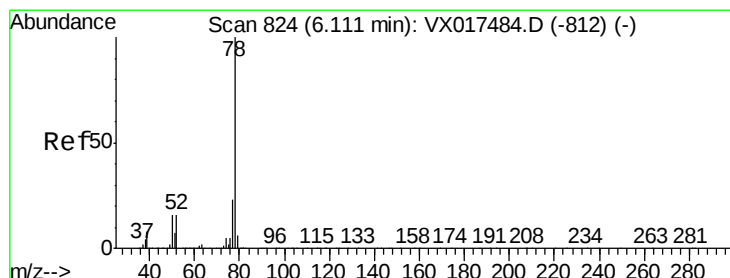
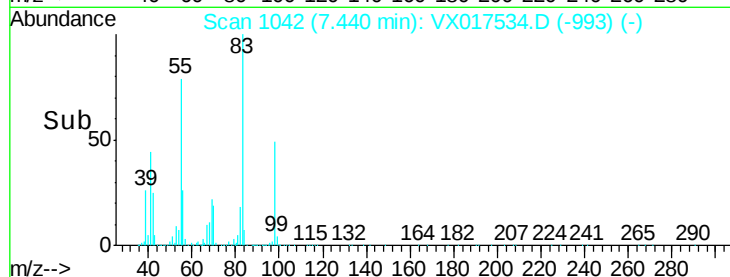
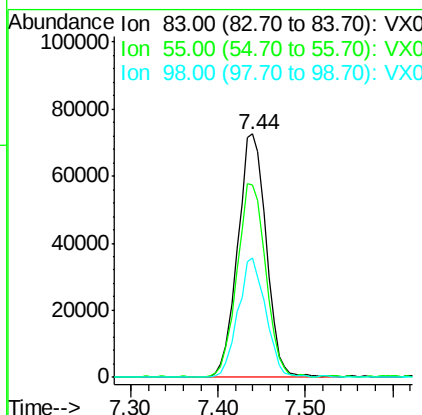
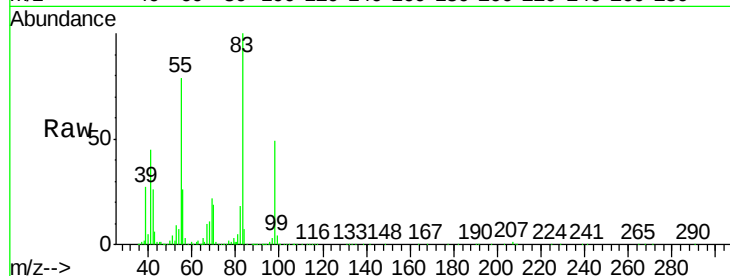
#39
Methylcyclohexane
Concen: 16.621 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.0	61.8	92.8
98	49.1	36.9	55.3

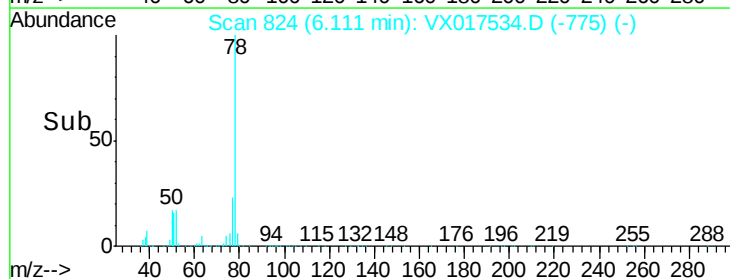
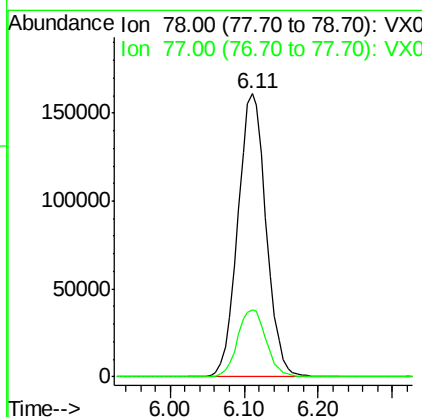
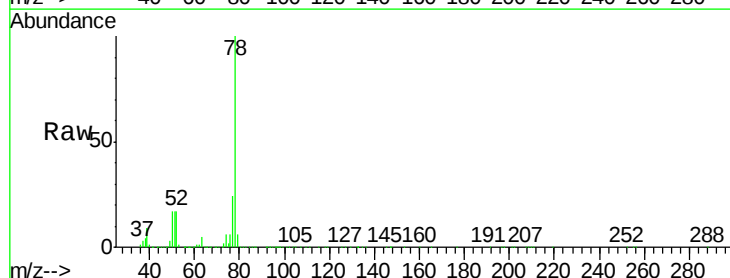
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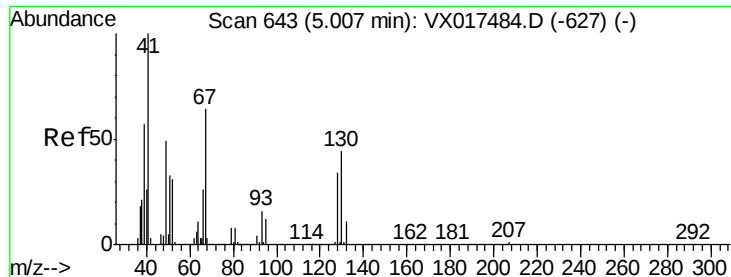
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#40
Benzene
Concen: 17.660 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.2





#41

Methacrylonitrile

Concen: 16.799 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

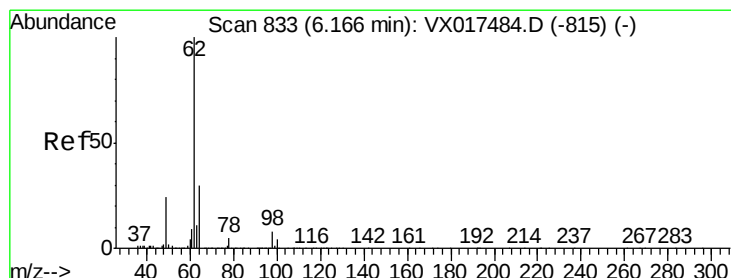
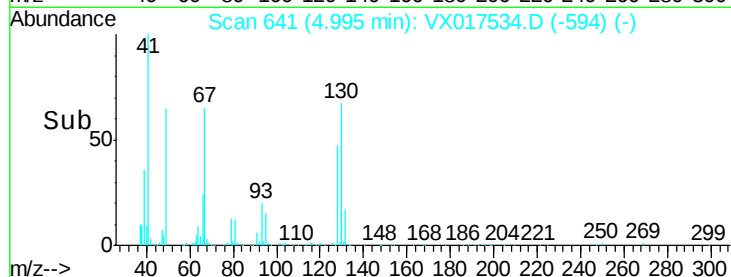
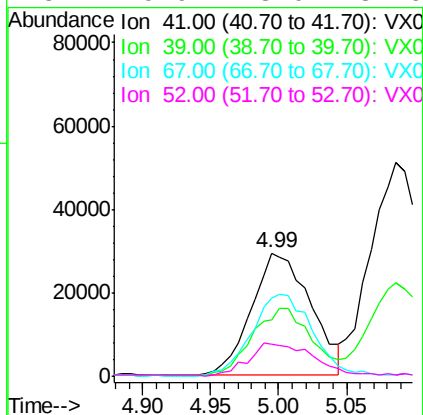
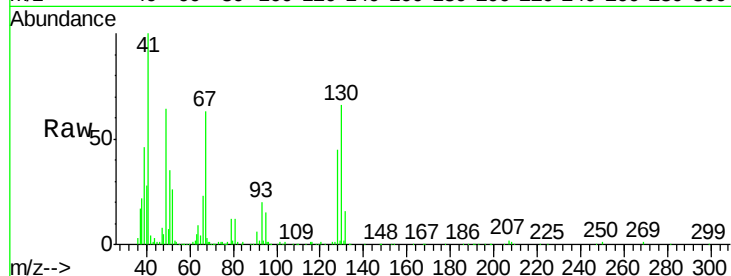
ClientSampleId :

VX0724WBS01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	100		89358		
39	54.9	43.9	65.9		
67	68.7	54.0	81.0		
52	29.9	23.0	34.6		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.775 ug/l

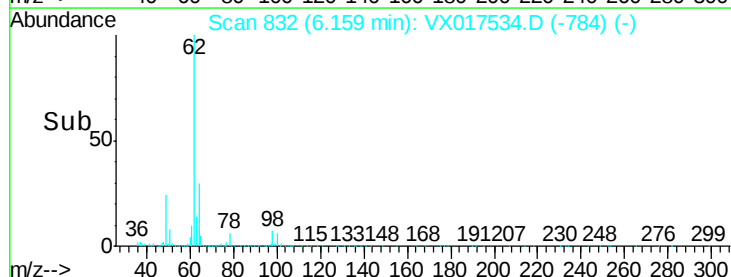
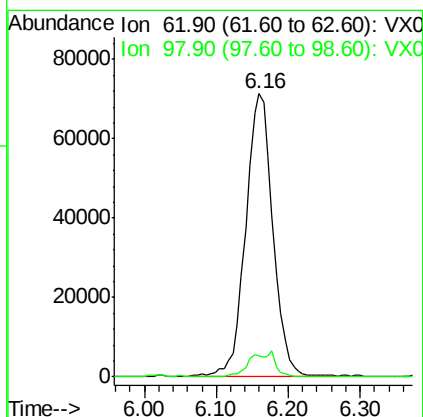
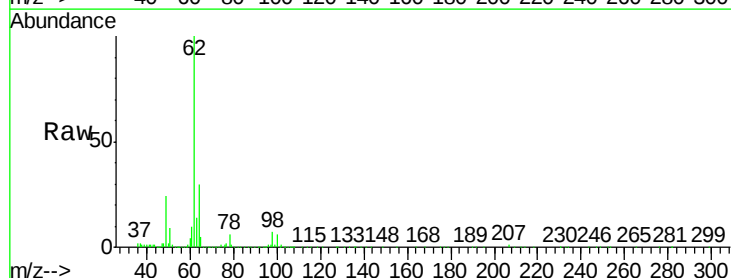
RT: 6.16 min Scan# 832

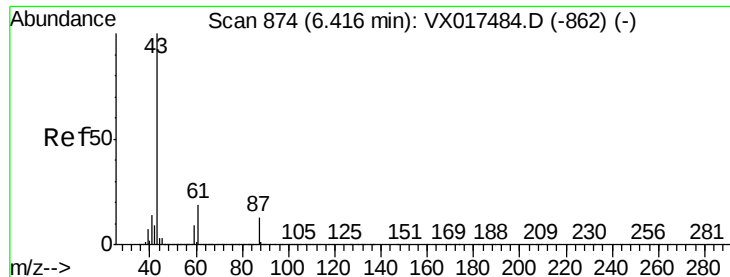
Delta R.T. -0.01 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		186765		
98	8.2	0.0	16.0		





#43

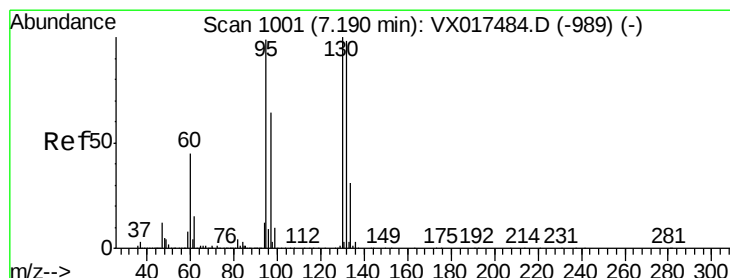
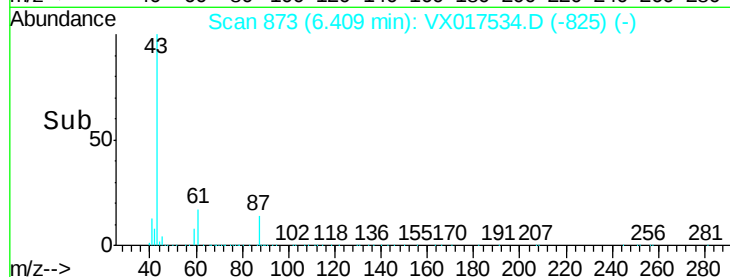
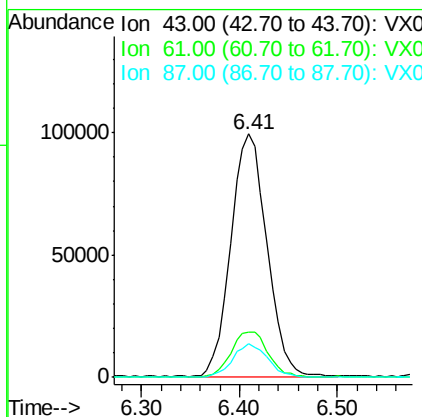
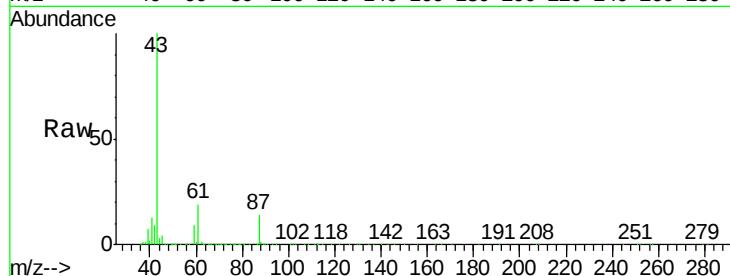
Isopropyl Acetate
 Concen: 16.669 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017534.D
 Acq: 24 Jul 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.5	23.3
87	13.6	10.5	15.7

Manual Integrations
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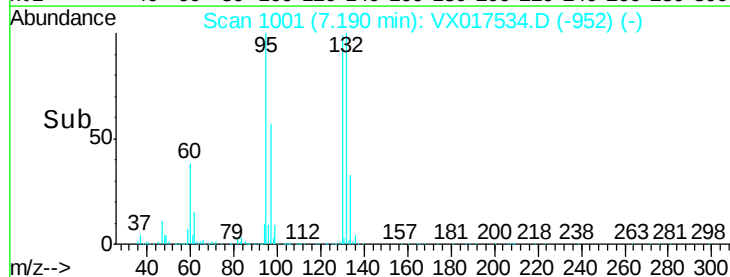
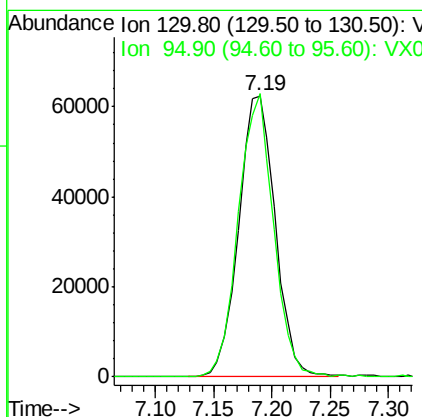
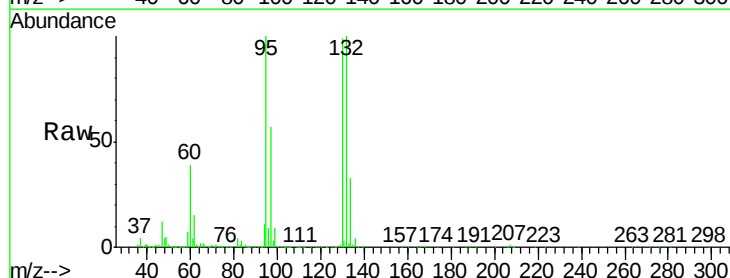
MMDadoda
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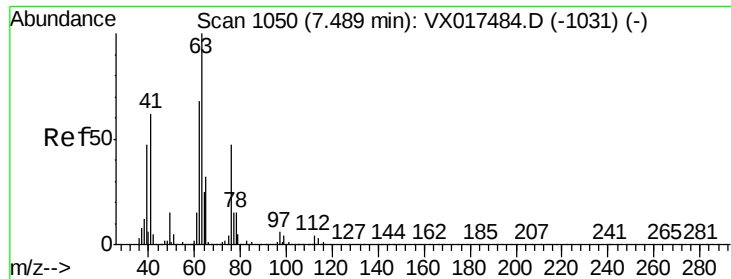


#44

Trichloroethene
 Concen: 19.260 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017534.D
 Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	189.0





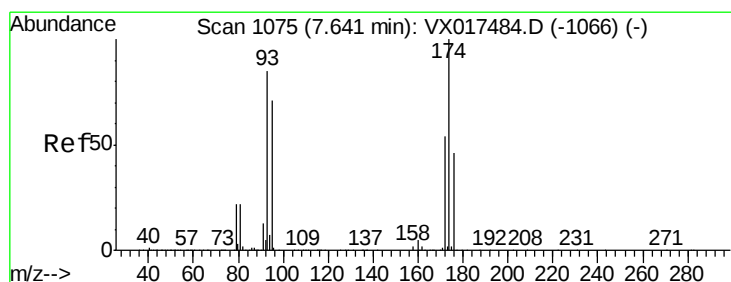
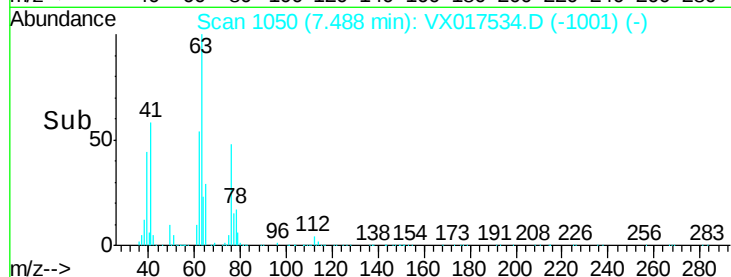
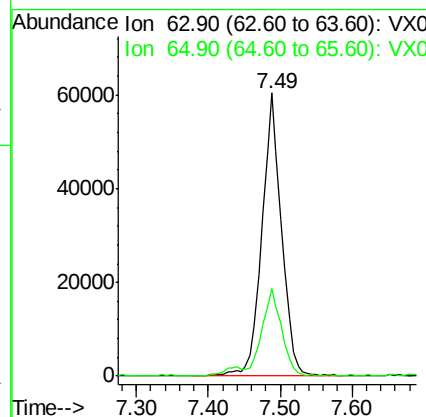
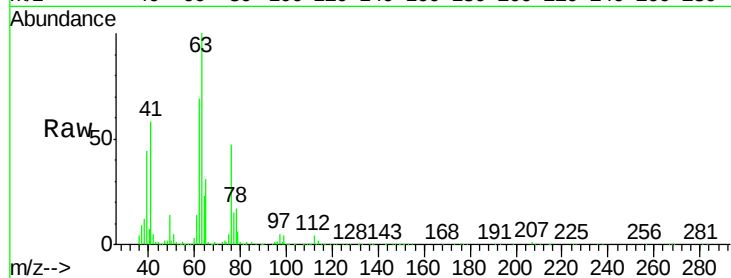
#45
 1,2-Dichloropropane
 Concen: 16.979 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017534.D
 Acq: 24 Jul 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS01

Tgt Ion: 63 Resp: 114452
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.5 36.7

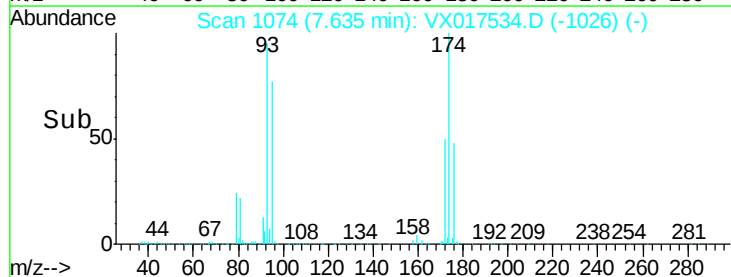
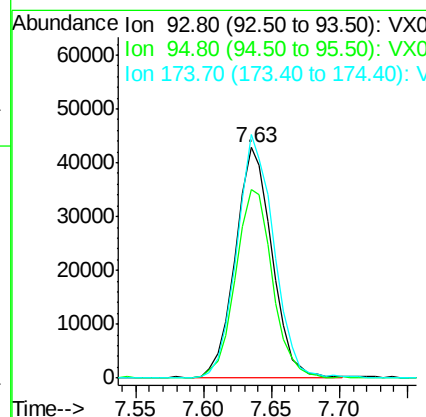
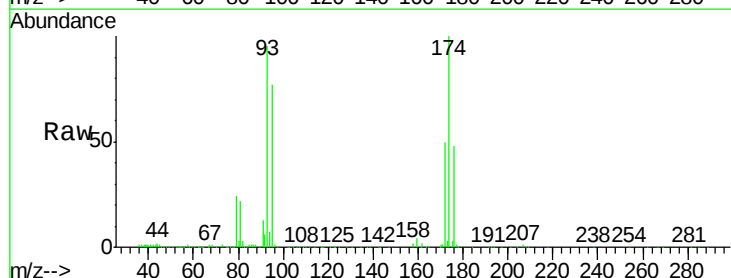
Manual Integrations
 APPROVED

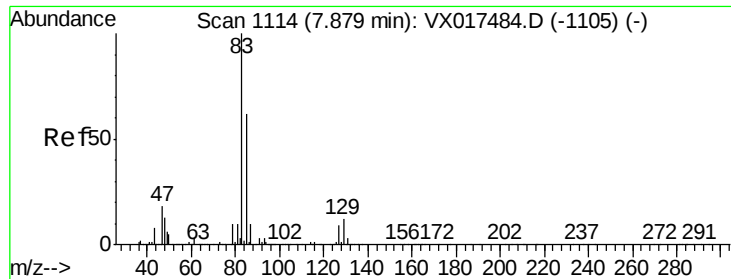
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#46
 Dibromomethane
 Concen: 16.964 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017534.D
 Acq: 24 Jul 2020 11:51

Tgt Ion: 93 Resp: 80814
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.6 99.8
 174 107.0 87.0 130.6





#47

Bromodichloromethane

Concen: 18.114 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

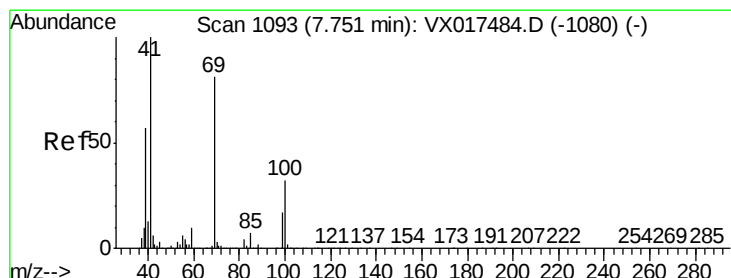
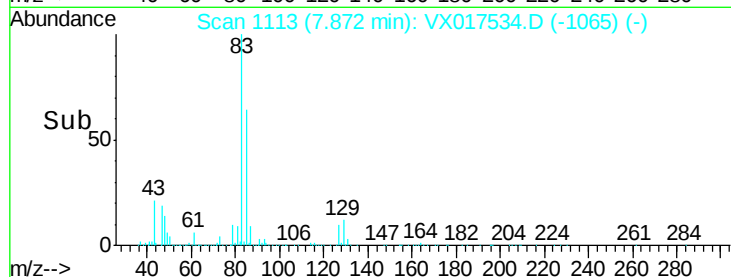
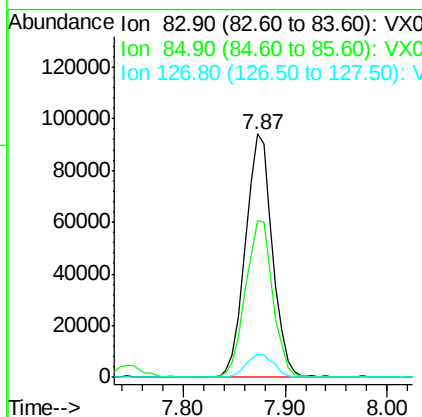
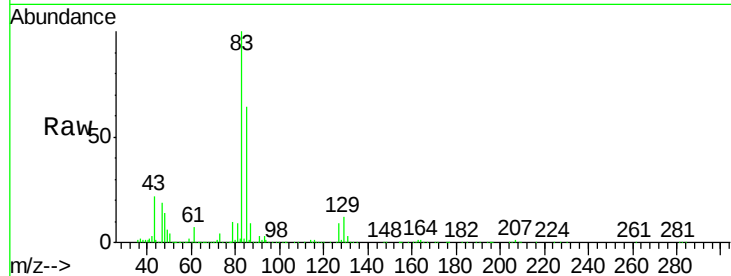
ClientSampleId :

VX0724WBS01

Tgt Ion:	83	Resp:	173627
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.8	77.8
127	9.5	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 16.040 ug/l

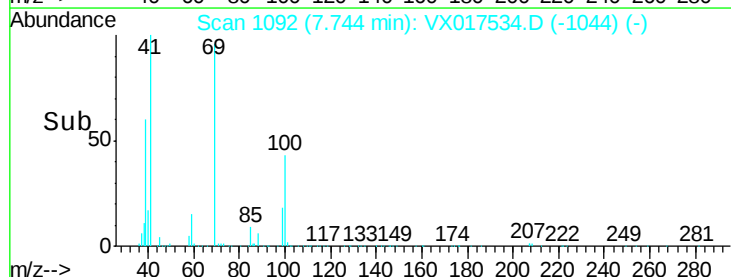
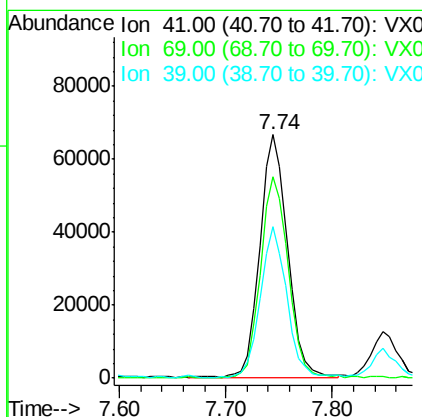
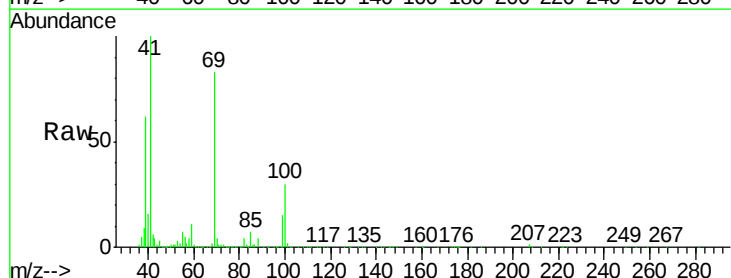
RT: 7.74 min Scan# 1092

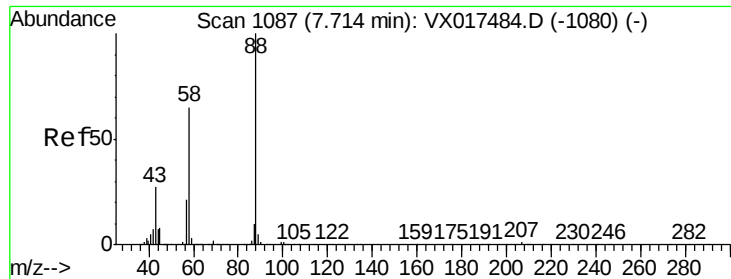
Delta R.T. -0.01 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Tgt Ion:	41	Resp:	121743
Ion	Ratio	Lower	Upper
41	100		
69	82.7	63.1	94.7
39	59.6	45.1	67.7





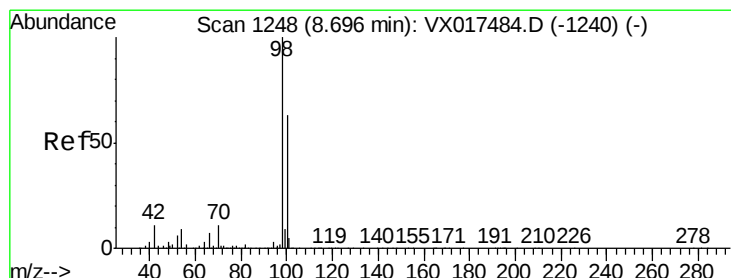
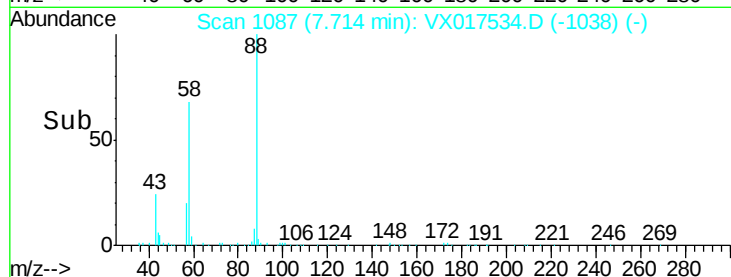
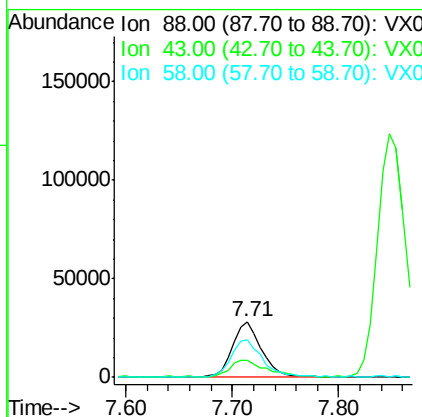
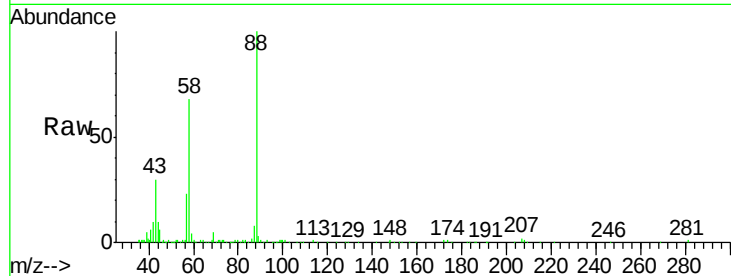
#49
1,4-Dioxane
Concen: 377.154 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.4	27.8	41.6
58	73.6	58.3	87.5

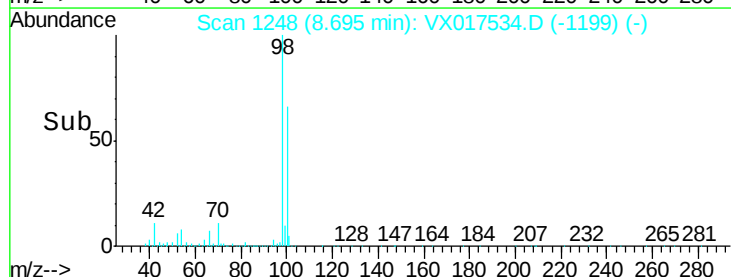
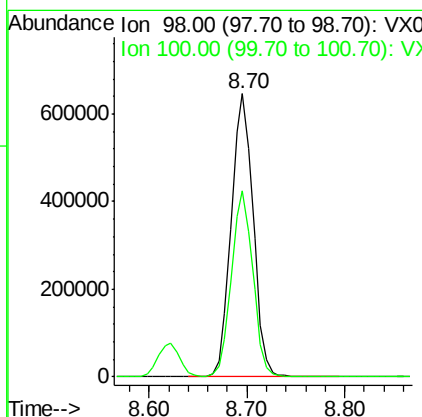
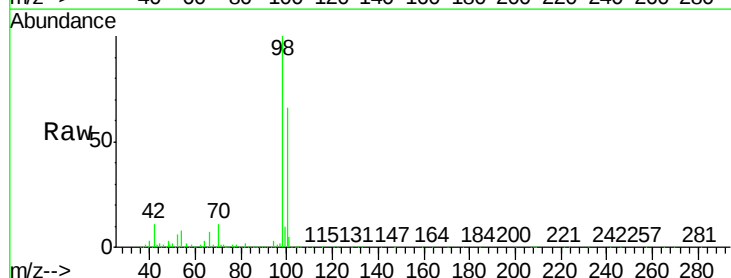
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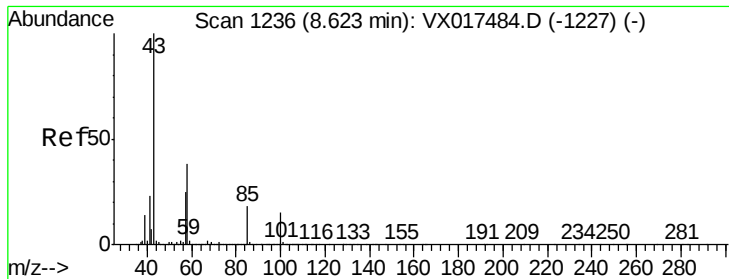
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#50
Toluene-d8
Concen: 47.192 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.3	78.5





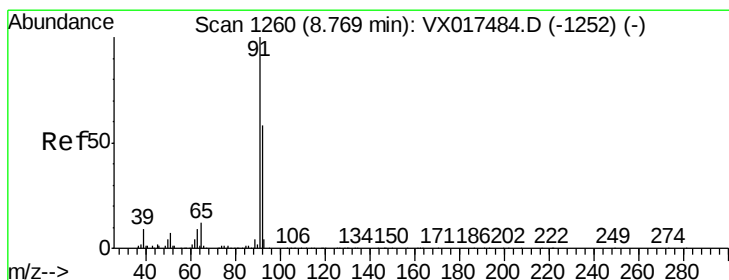
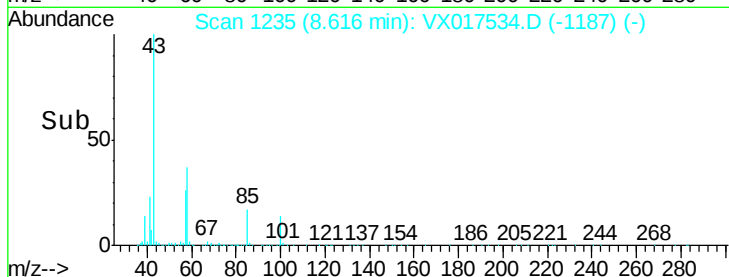
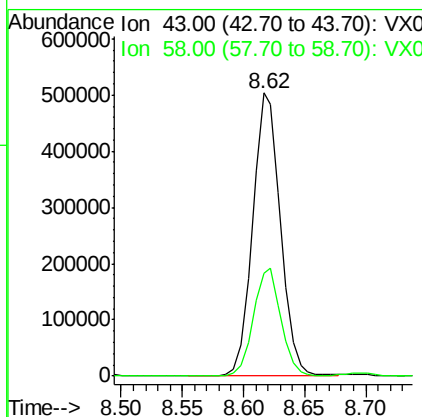
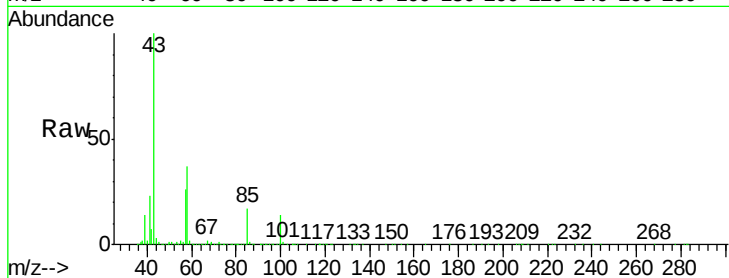
#51
4-Methyl-2-Pentanone
Concen: 87.169 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion: 43 Resp: 796354
Ion Ratio Lower Upper
43 100
58 37.7 31.0 46.4

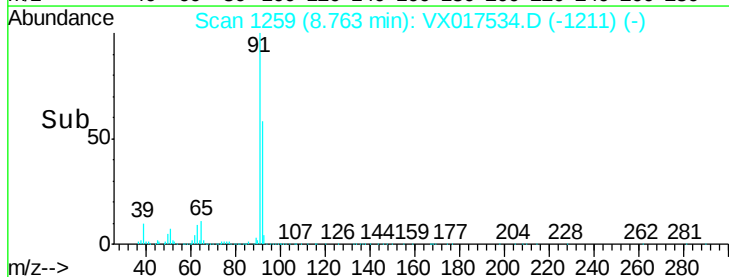
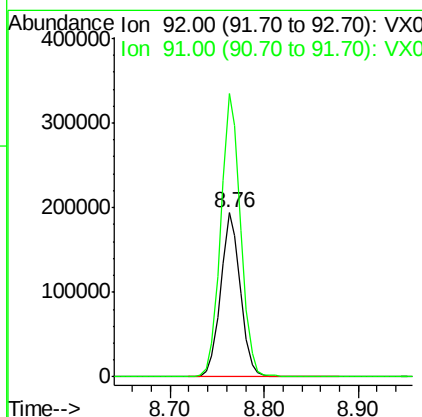
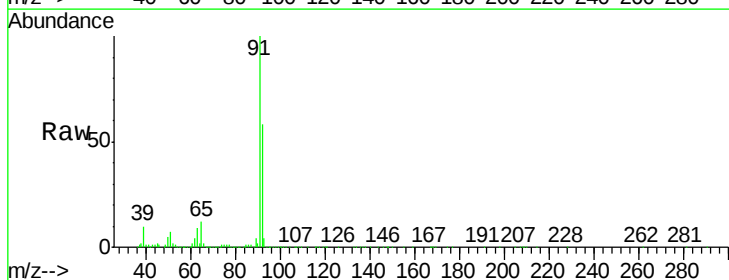
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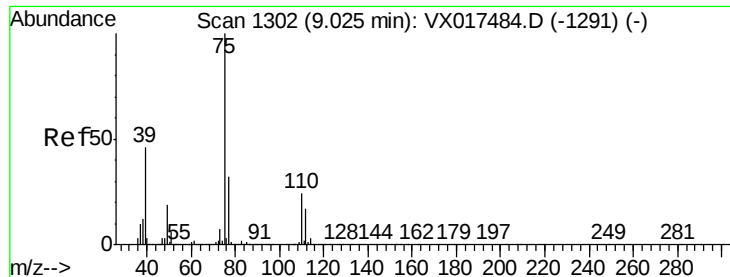
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#52
Toluene
Concen: 17.980 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion: 92 Resp: 280383
Ion Ratio Lower Upper
92 100
91 173.6 137.6 206.4





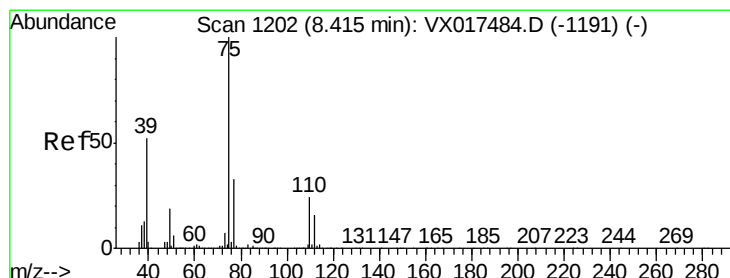
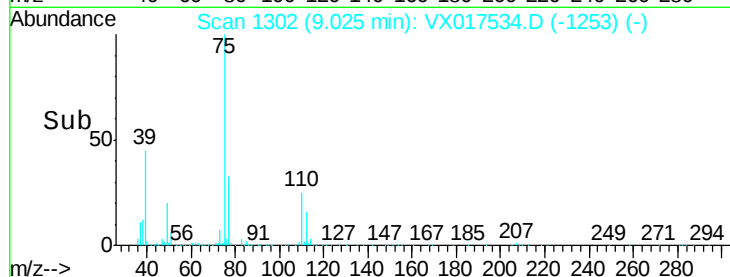
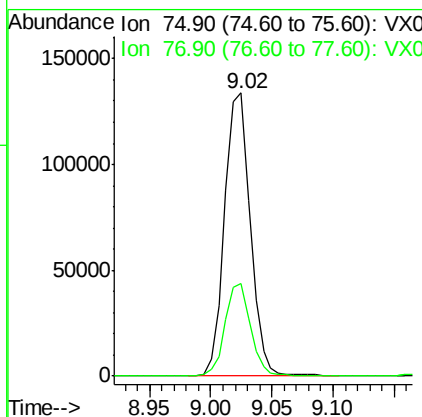
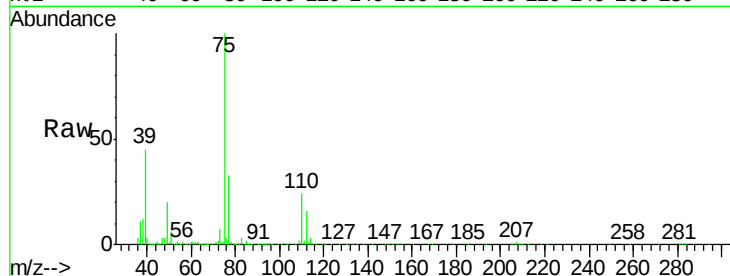
#53
t-1,3-Dichloropropene
Concen: 18.137 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampled :
VX0724WBS01

Tgt Ion: 75 Resp: 194614
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3

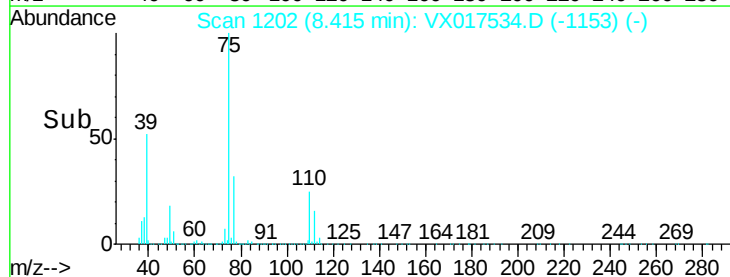
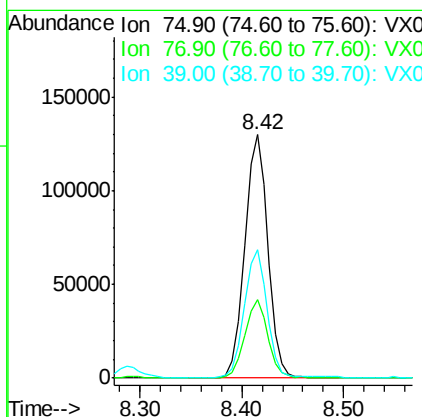
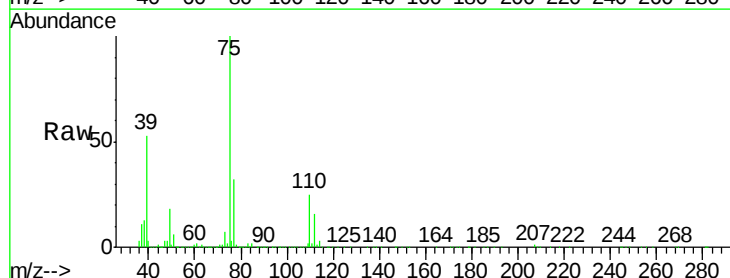
Manual Integrations
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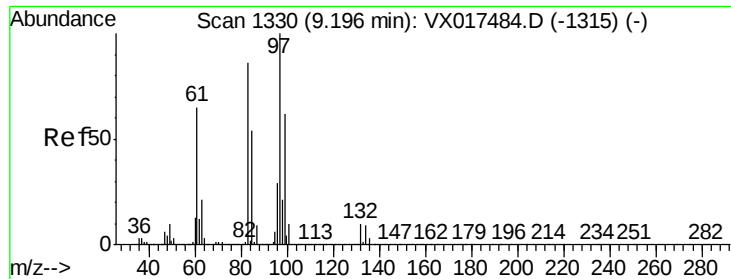
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#54
cis-1,3-Dichloropropene
Concen: 18.674 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion: 75 Resp: 204381
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 52.4 41.8 62.8





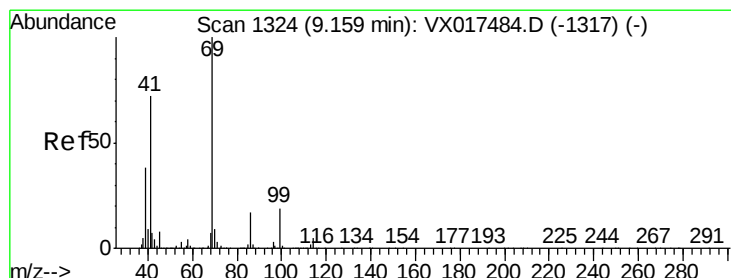
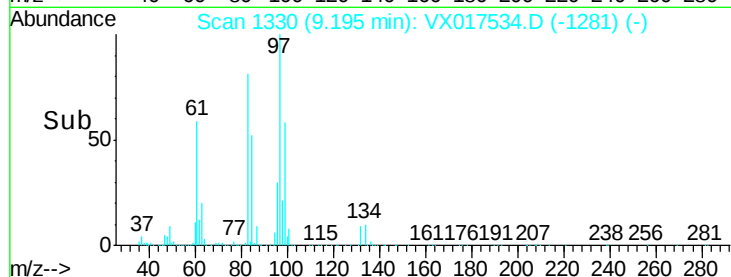
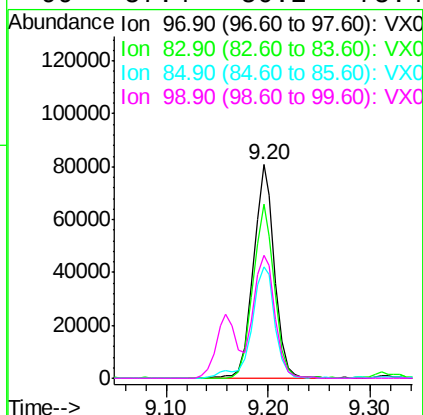
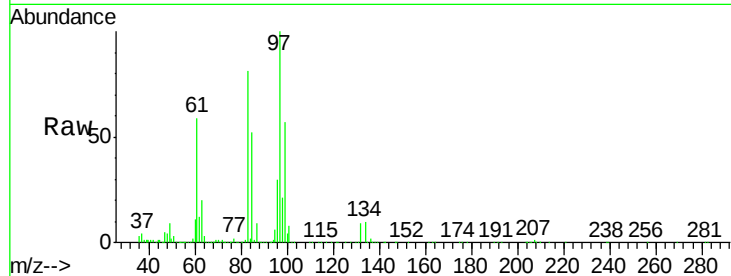
#55
 1,1,2-Trichloroethane
 Concen: 18.053 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017534.D
 Acq: 24 Jul 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	117278		
83	81.4	67.6	101.4	
85	52.1	44.6	67.0	
99	57.4	50.2	75.4	

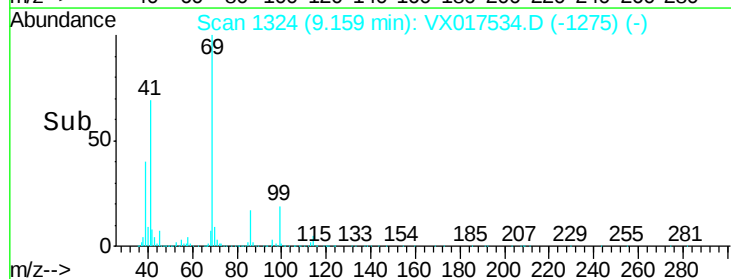
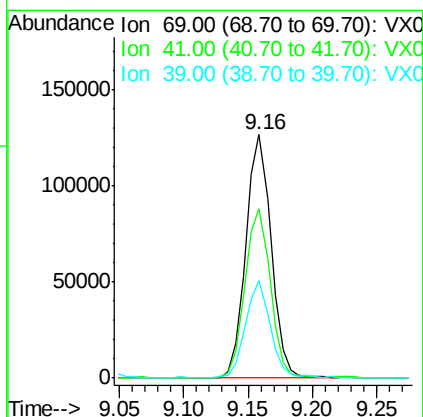
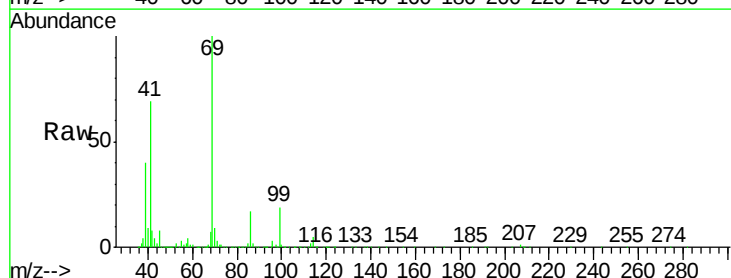
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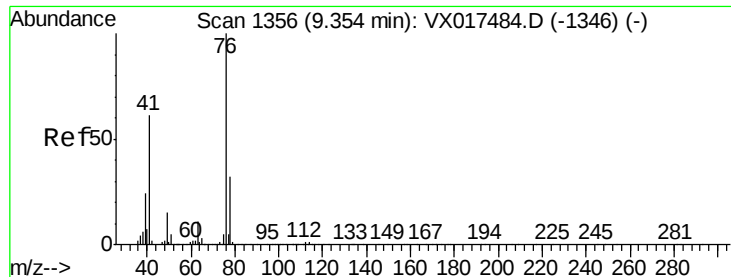
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#56
 Ethyl methacrylate
 Concen: 17.527 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017534.D
 Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	171534		
41	69.0	55.0	82.6	
39	39.1	30.0	45.0	





#57

1,3-Dichloropropane

Concen: 17.752 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

ClientSampled :

VX0724WBS01

Tgt Ion: 76 Resp: 189886

Ion Ratio Lower Upper

76 100

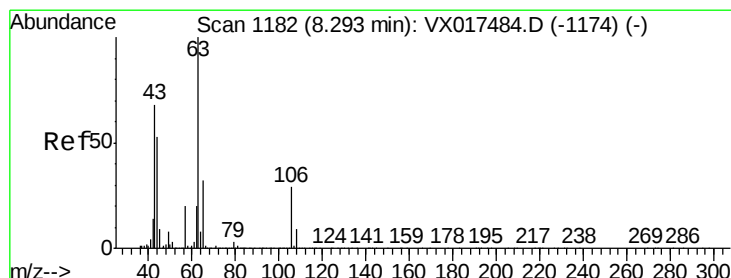
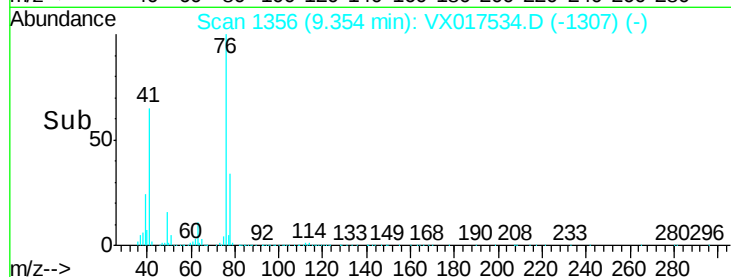
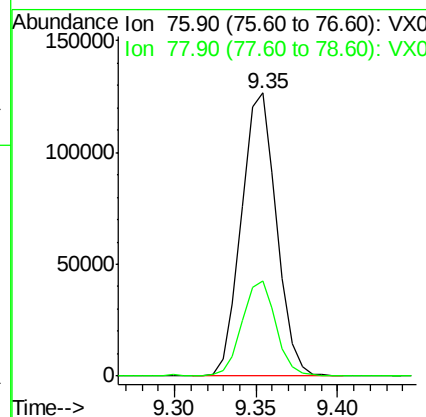
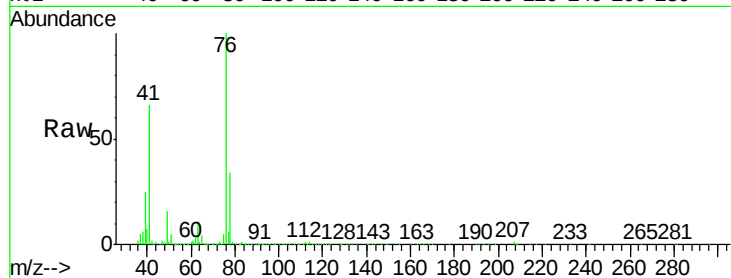
78 32.6 25.8 38.8

Manual Integrations

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7/27/2020 11:03:57 AM



#58

2-Chloroethyl Vinyl ether

Concen: 79.271 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017534.D

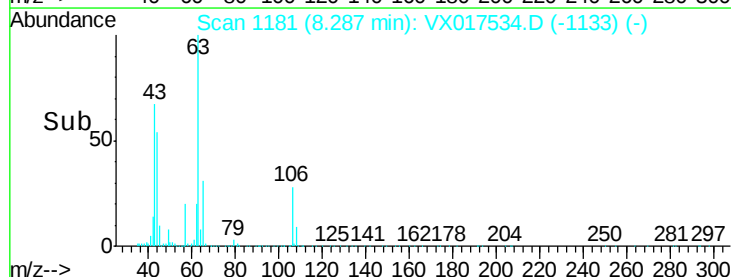
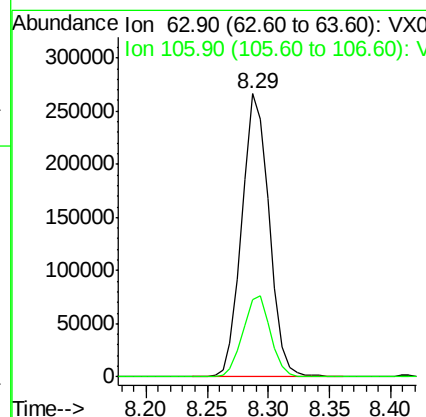
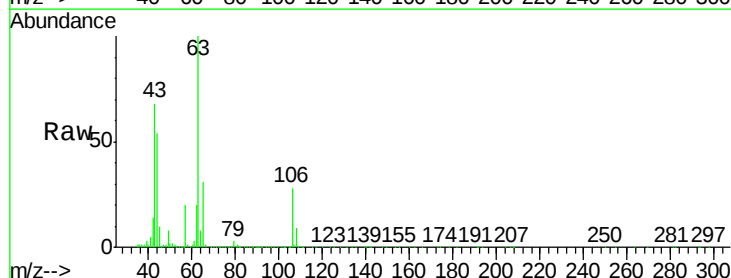
Acq: 24 Jul 2020 11:51

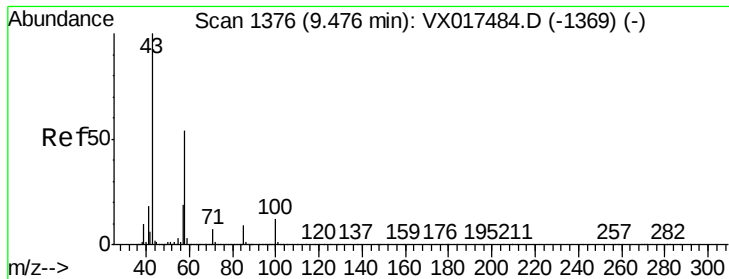
Tgt Ion: 63 Resp: 408738

Ion Ratio Lower Upper

63 100

106 29.2 22.6 34.0





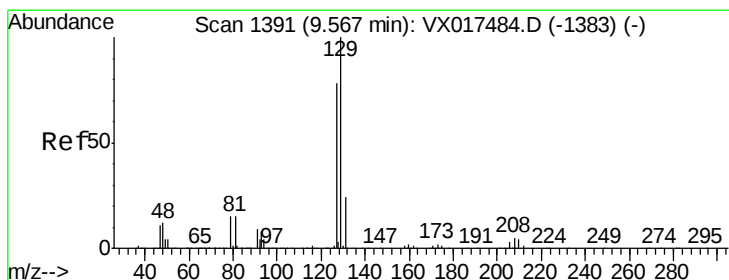
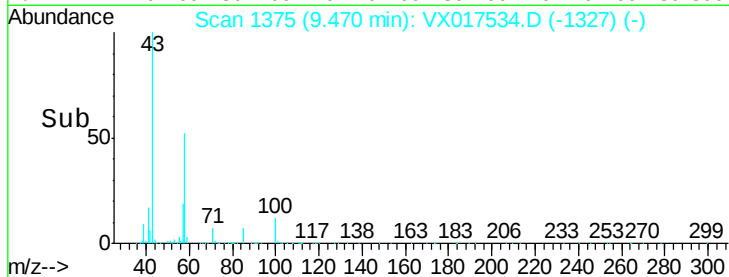
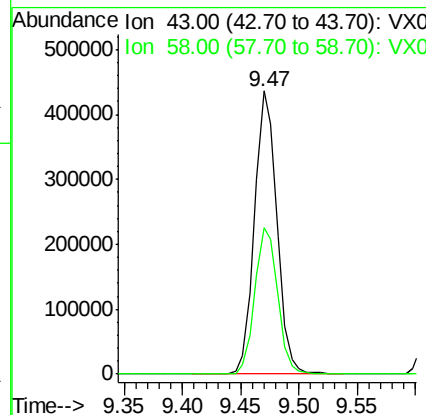
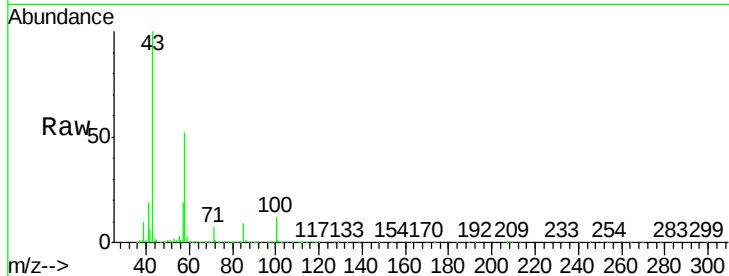
#59
2-Hexanone
Concen: 85.498 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion: 43 Resp: 588072
Ion Ratio Lower Upper
43 100
58 52.8 26.6 79.8

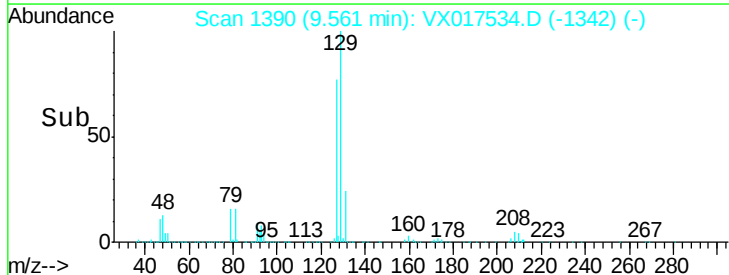
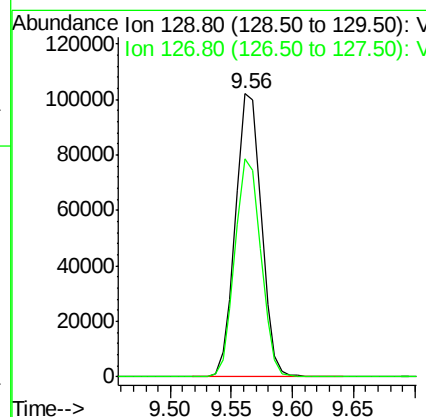
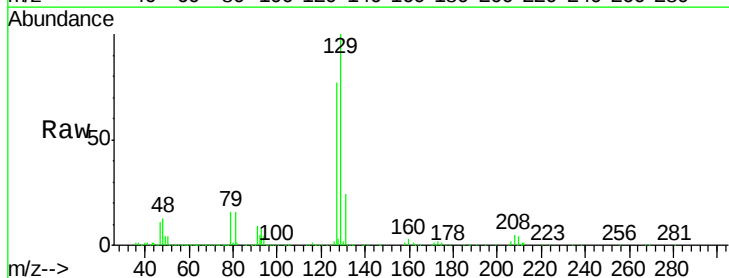
Manual Integrations
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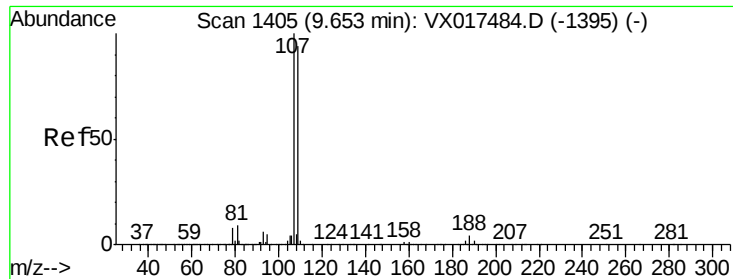
MMDadoda
7/27/2020 11:03:57 AM



#60
Dibromochloromethane
Concen: 18.076 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion: 129 Resp: 149247
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.019 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

ClientSampled :

VX0724WBS01

Tgt Ion: 107 Resp: 131539

Ion Ratio Lower Upper

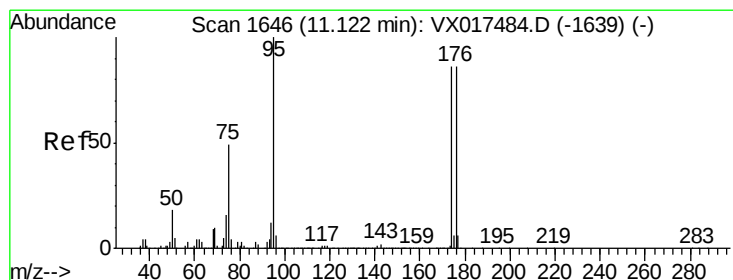
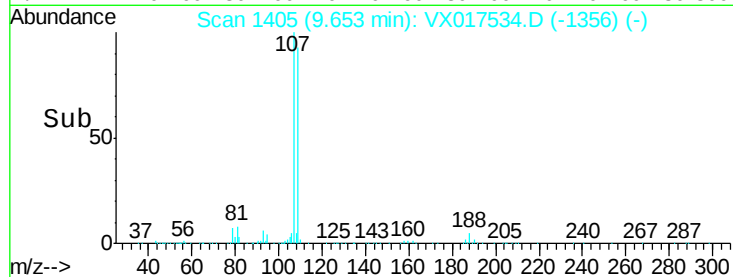
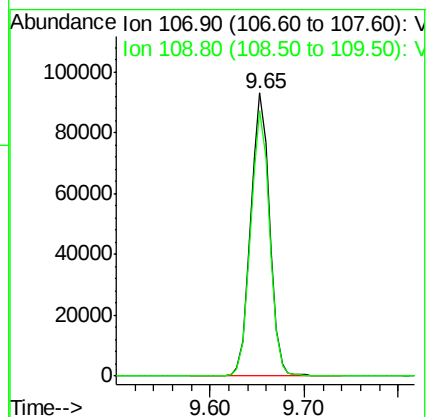
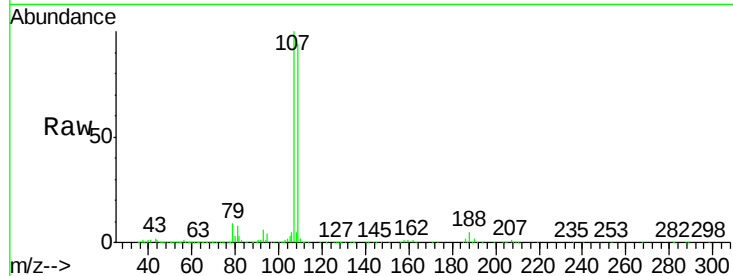
107 100

109 93.5 74.9 112.3

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#62

4-Bromofluorobenzene

Concen: 49.972 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

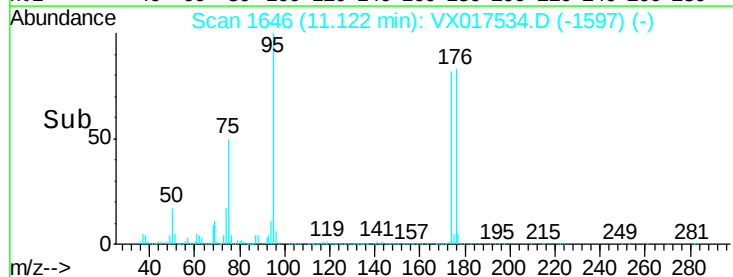
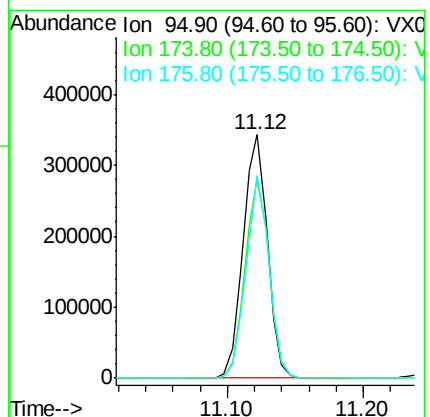
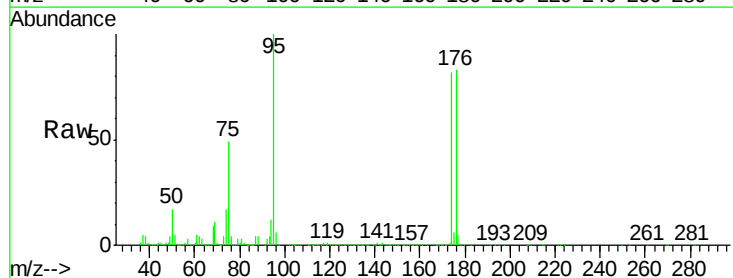
Tgt Ion: 95 Resp: 426696

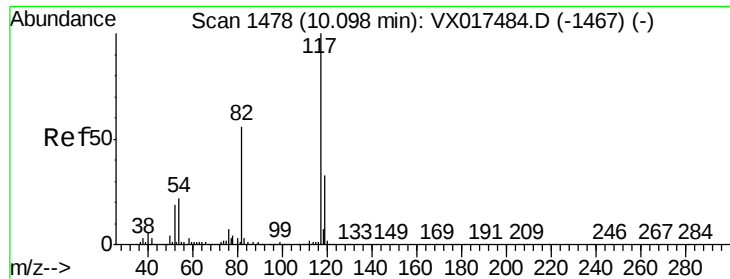
Ion Ratio Lower Upper

95 100

174 81.3 0.0 169.0

176 79.3 0.0 161.0





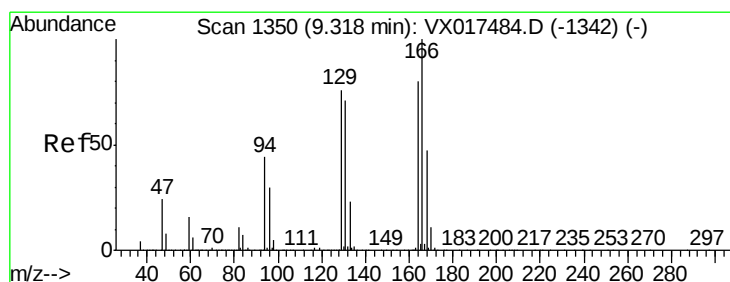
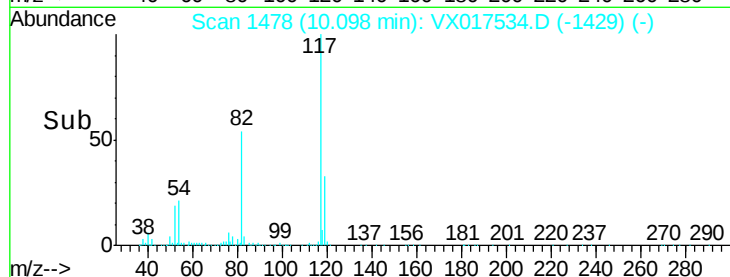
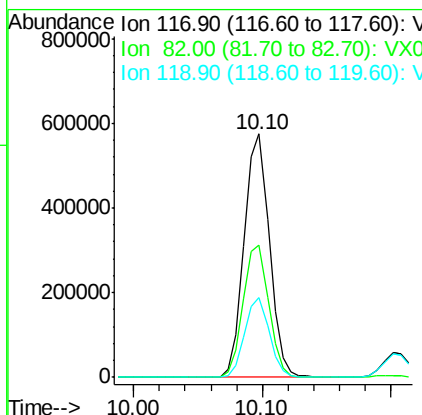
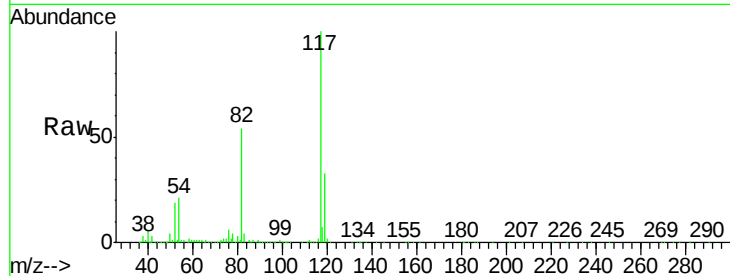
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.5	44.0	66.0
119	33.0	25.4	38.0

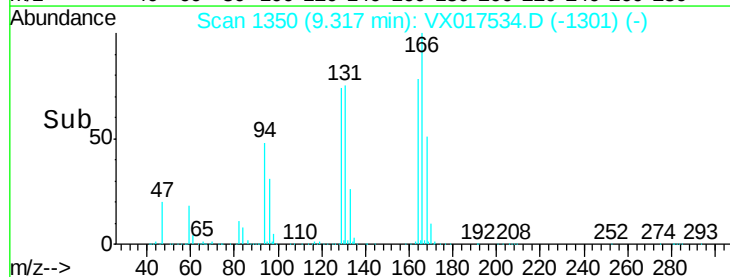
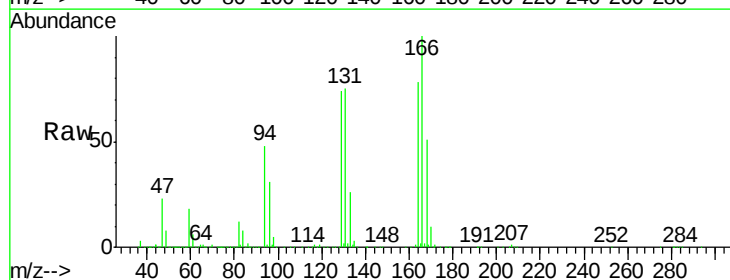
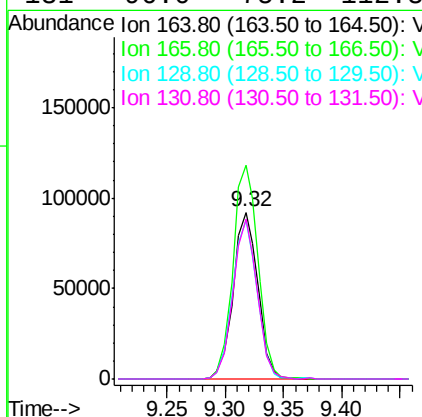
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#64
Tetrachloroethene
Concen: 19.465 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	128.1	100.6	150.8
129	95.4	75.0	112.6
131	96.0	75.2	112.8





#65

Chlorobenzene

Concen: 19.066 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

ClientSampled :

VX0724WBS01

Tgt Ion:112 Resp: 320675

Ion Ratio Lower Upper

112 100

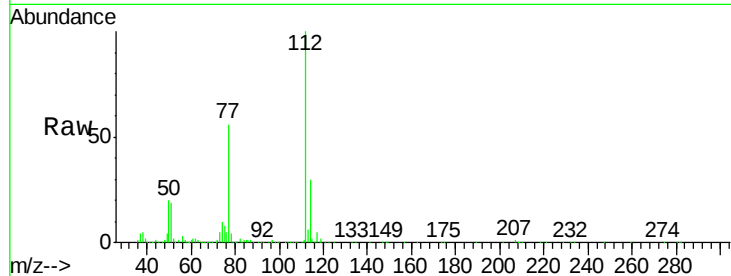
114 30.1 25.7 38.5

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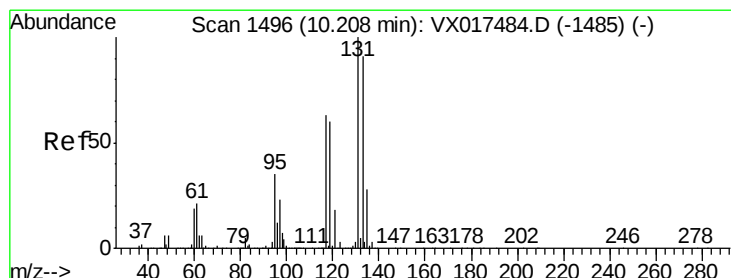
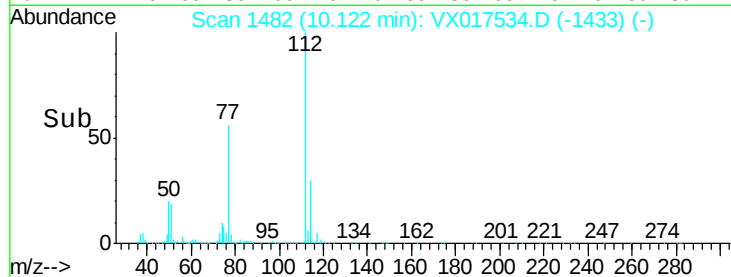
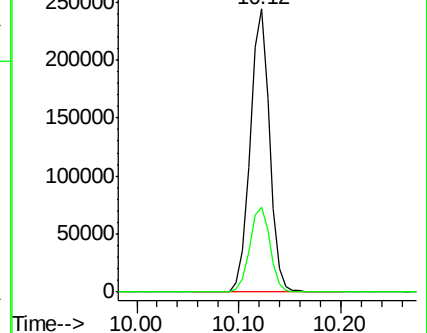
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.175 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

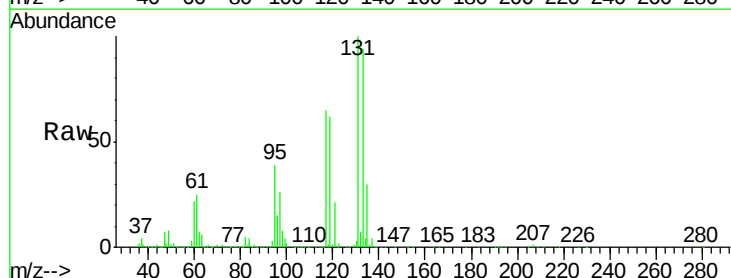
Tgt Ion:131 Resp: 123376

Ion Ratio Lower Upper

131 100

133 96.7 47.9 143.6

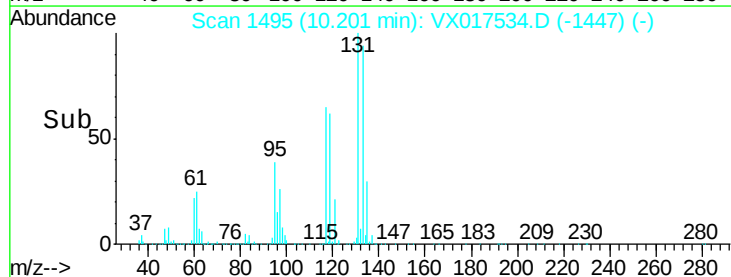
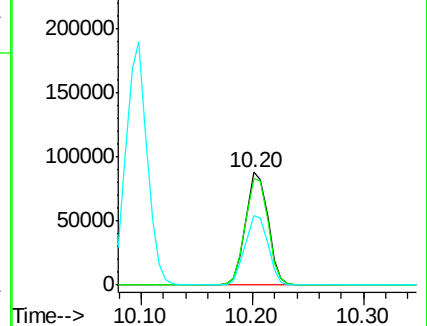
119 63.7 31.1 93.3

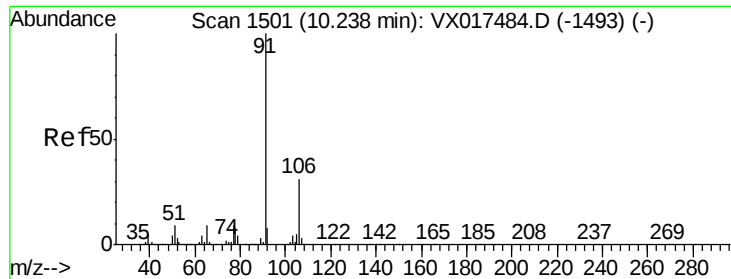


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





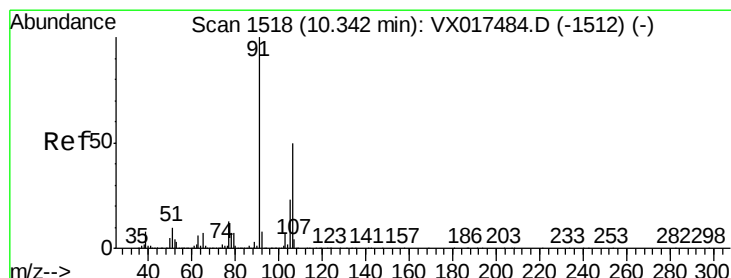
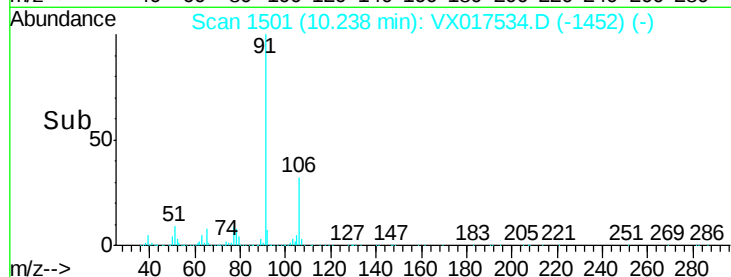
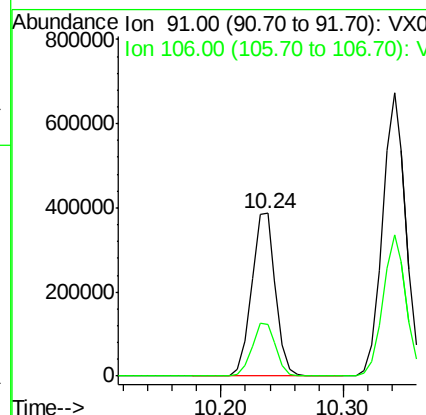
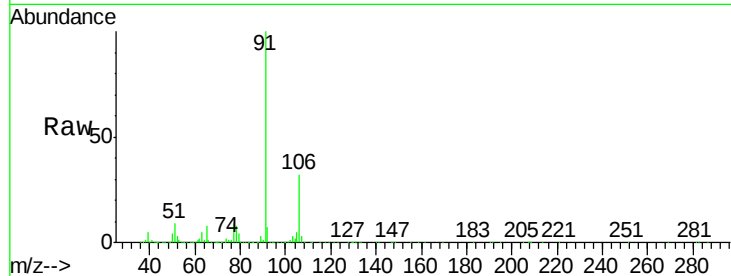
#67
Ethyl Benzene
Concen: 18.654 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion: 91 Resp: 523746
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.6

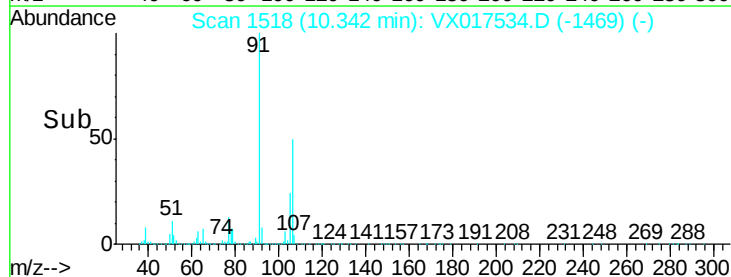
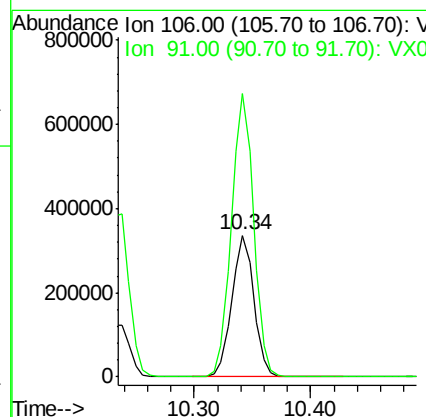
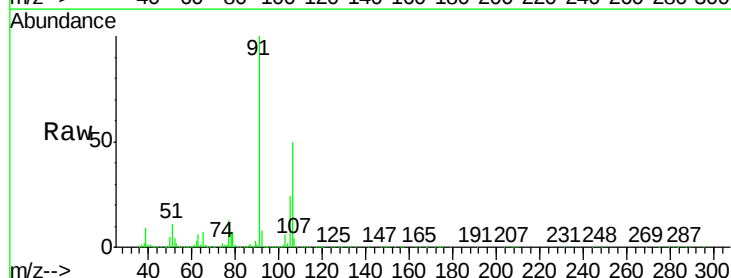
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#68
m/p-Xylenes
Concen: 40.924 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion: 106 Resp: 445120
Ion Ratio Lower Upper
106 100
91 200.3 160.9 241.3





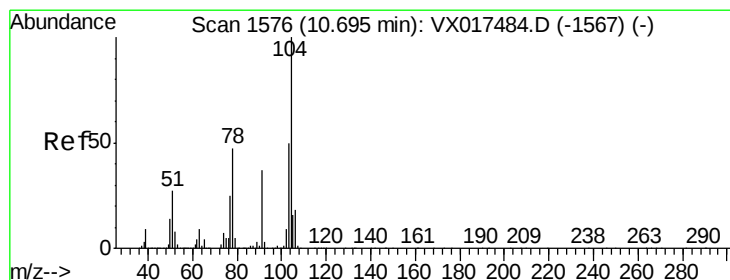
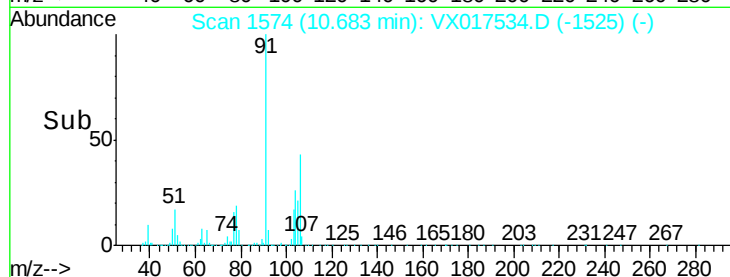
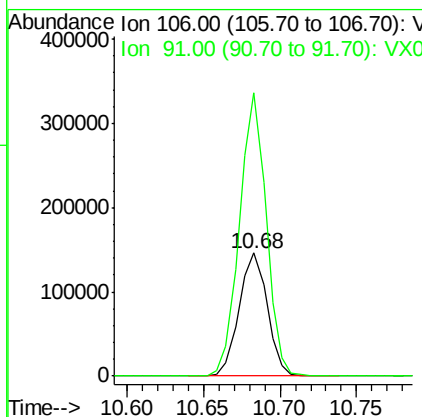
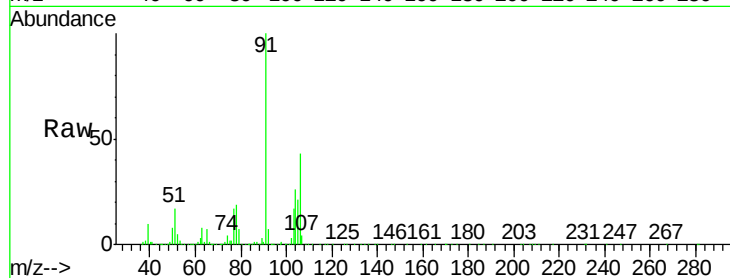
#69
o-Xylene
Concen: 17.780 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion:106 Resp: 185997
Ion Ratio Lower Upper
106 100
91 218.7 108.2 324.6

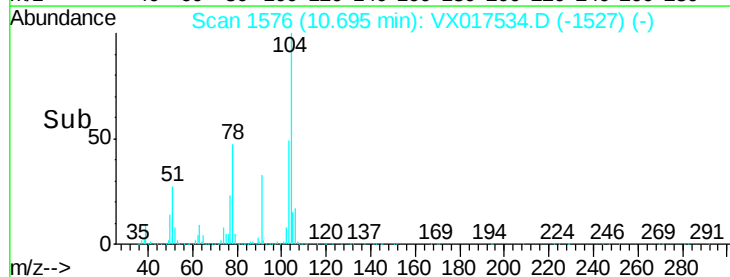
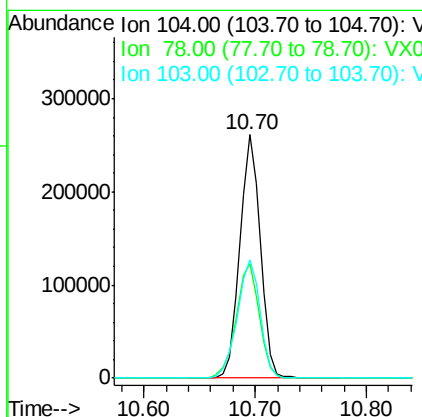
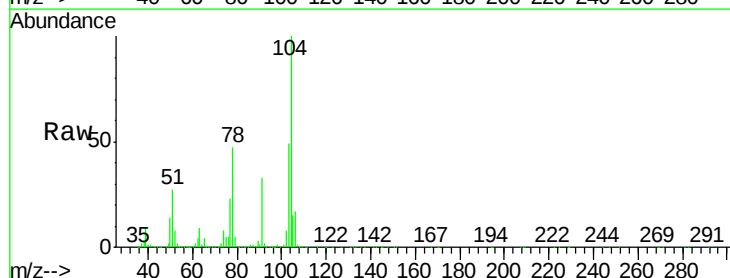
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#70
Styrene
Concen: 18.738 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion:104 Resp: 333499
Ion Ratio Lower Upper
104 100
78 52.7 42.5 63.7
103 54.1 44.3 66.5





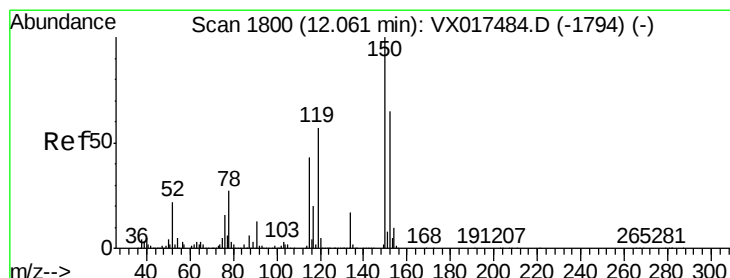
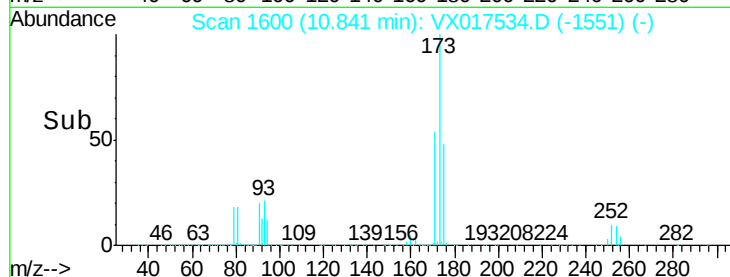
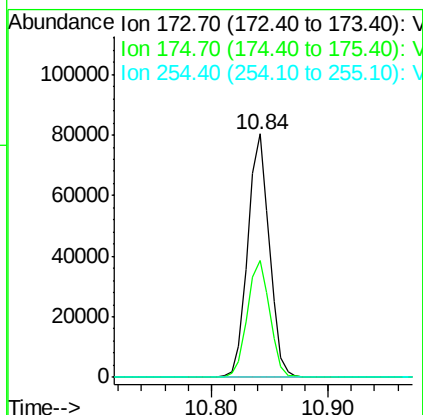
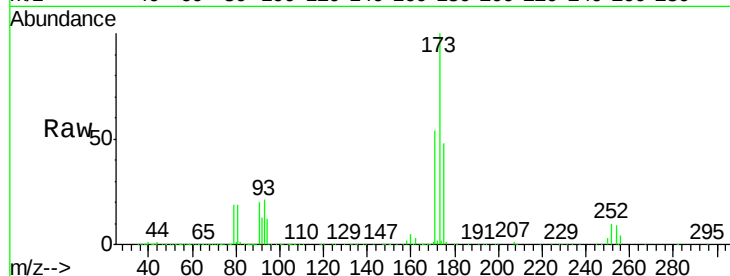
#71
Bromoform
Concen: 17.814 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	23.8	71.5
254	0.0	0.1	0.1

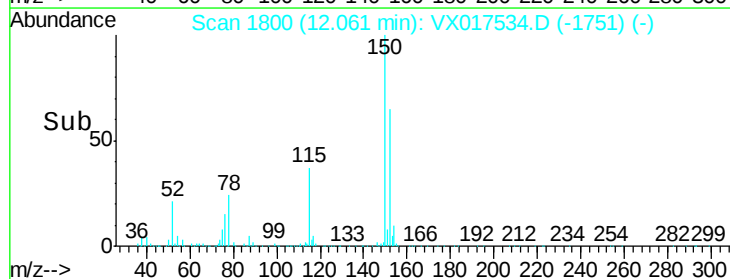
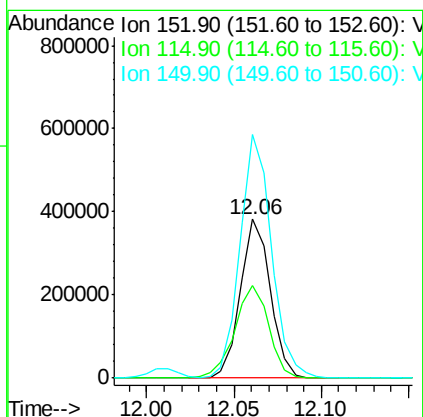
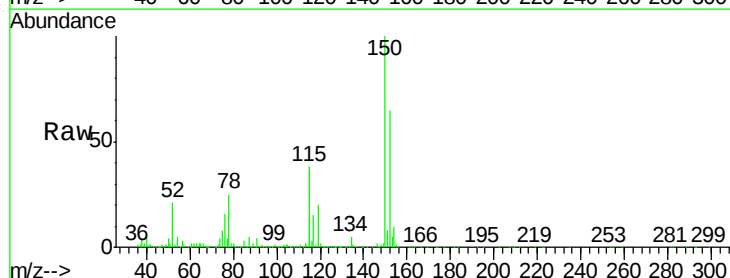
Manual Integrations
APPROVED

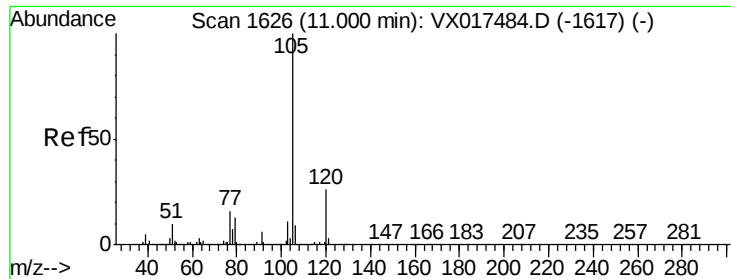
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.7	65.5	196.6
150	160.3	0.0	412.6





#73

Isopropylbenzene

Concen: 17.141 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS01

Tgt Ion: 105 Resp: 536862

Ion Ratio Lower Upper

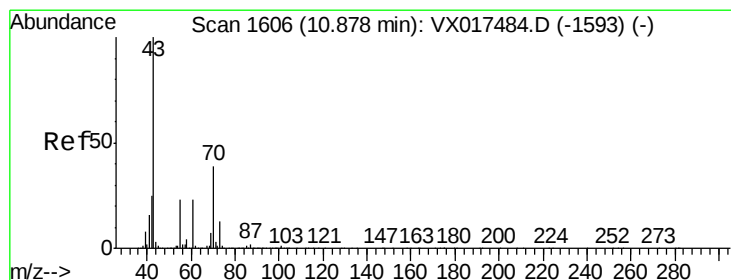
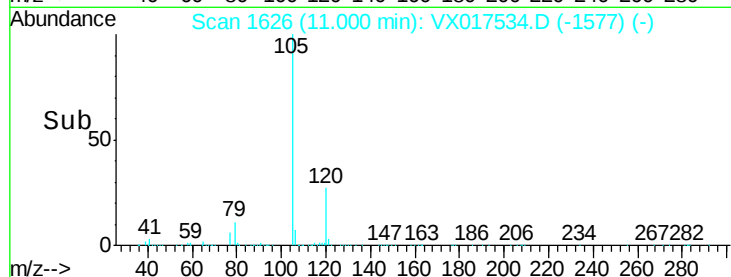
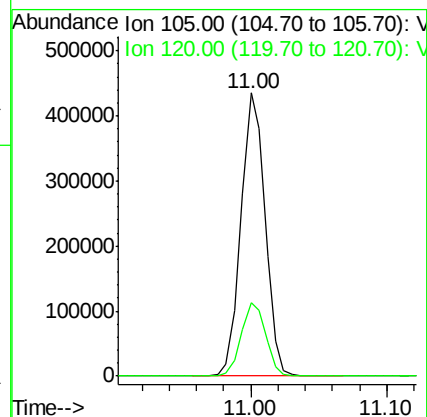
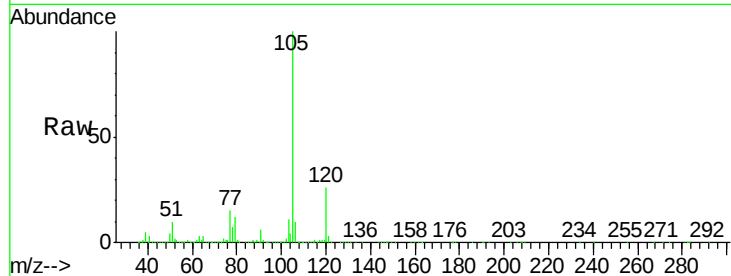
105 100

120 26.2 13.3 39.8

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#74

N-ethyl acetate

Concen: 15.689 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Tgt Ion: 43 Resp: 218323

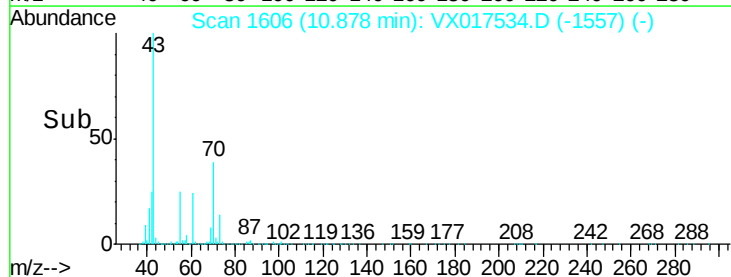
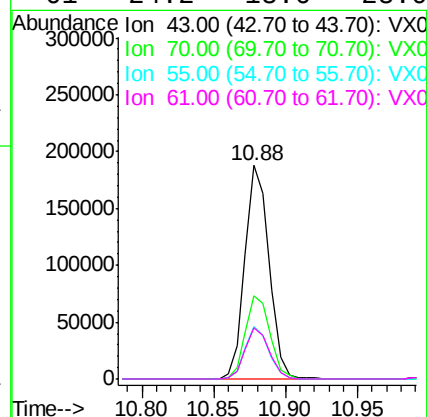
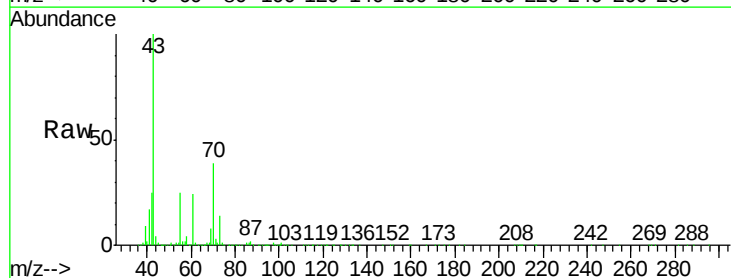
Ion Ratio Lower Upper

43 100

70 40.2 32.3 48.5

55 24.6 18.4 27.6

61 24.2 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.845 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS01

Tgt Ion: 83 Resp: 164684

Ion Ratio Lower Upper

83 100

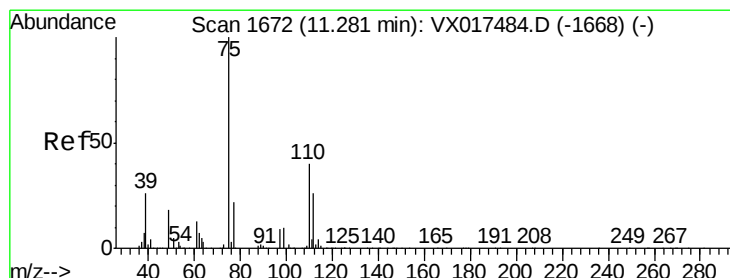
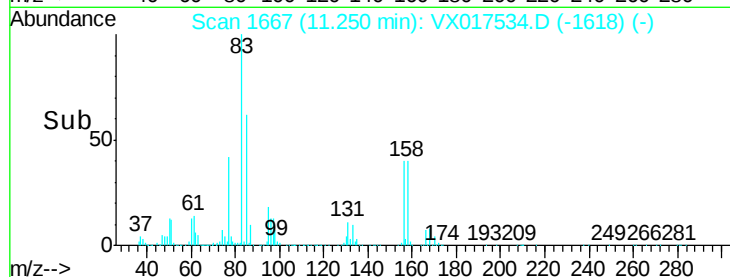
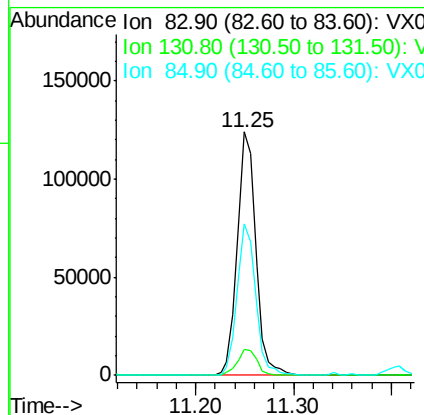
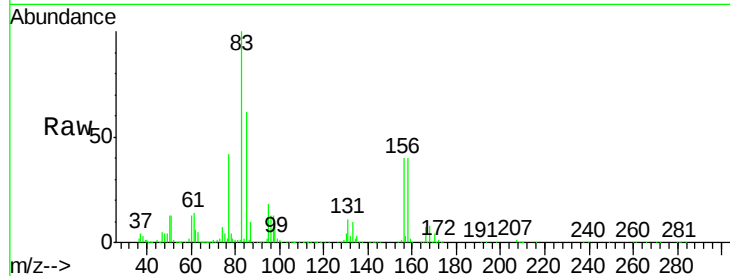
131 11.3 5.5 16.5

85 62.6 32.1 96.3

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#76

1,2,3-Trichloropropane

Concen: 17.170 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017534.D

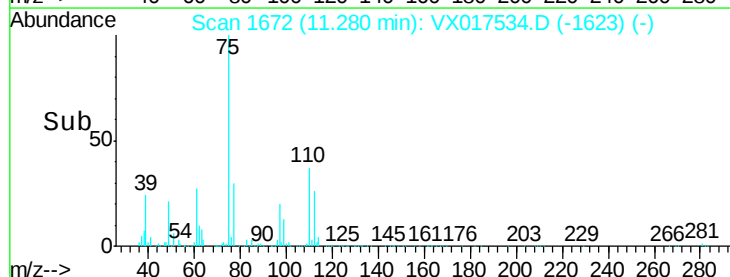
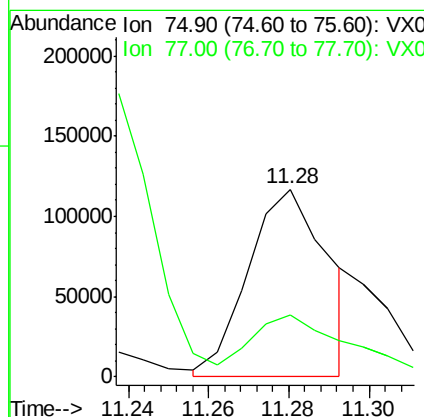
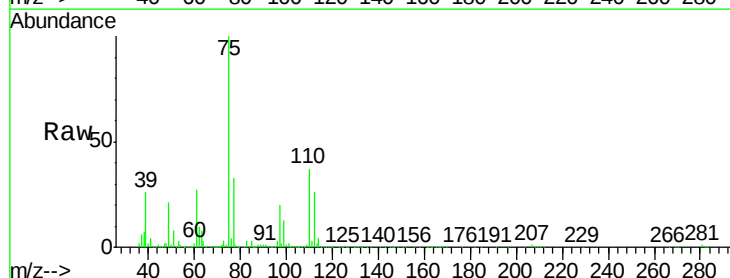
Acq: 24 Jul 2020 11:51

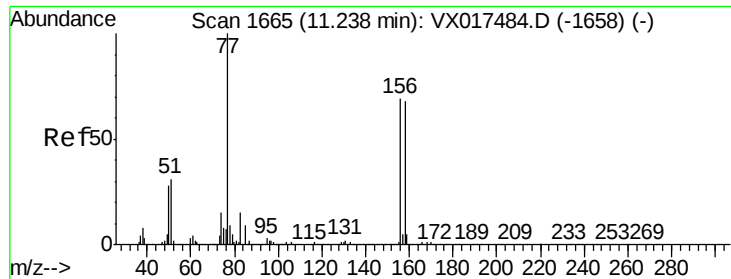
Tgt Ion: 75 Resp: 161256

Ion Ratio Lower Upper

75 100

77 40.9 21.8 65.3





#77

Bromobenzene

Concen: 17.443 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

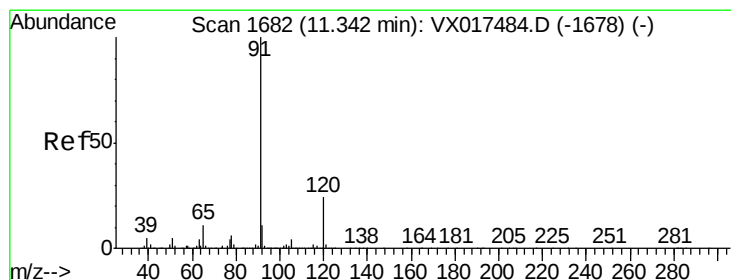
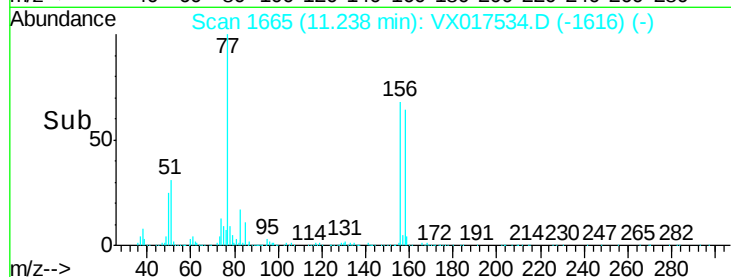
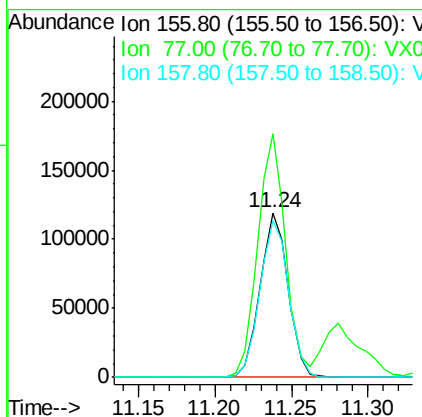
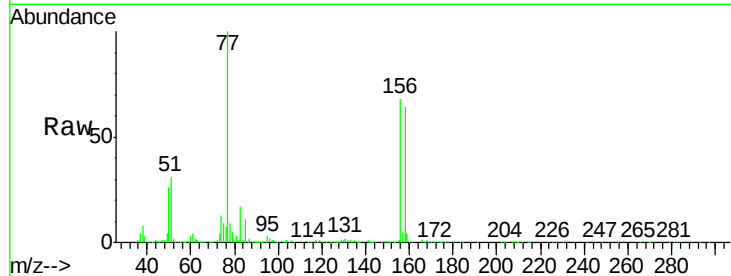
ClientSampleId :

VX0724WBS01

Tgt Ion:	156	Resp:	152946
Ion Ratio	Lower	Upper	
156	100		
77	146.2	75.0	225.0
158	97.6	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 17.325 ug/l

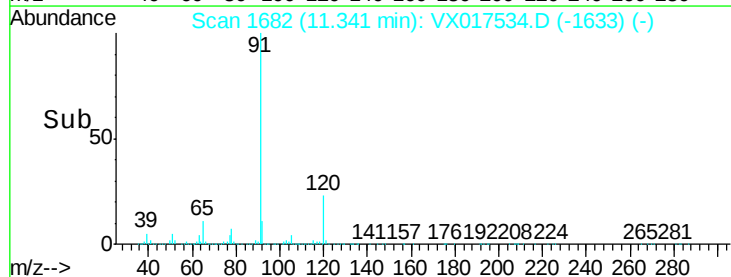
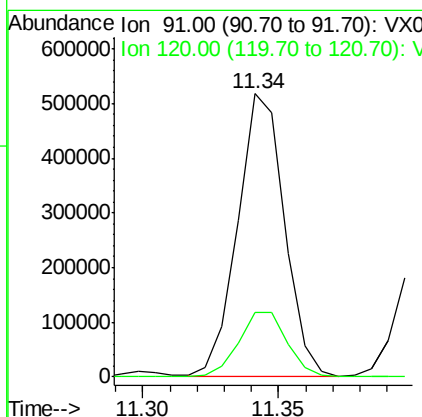
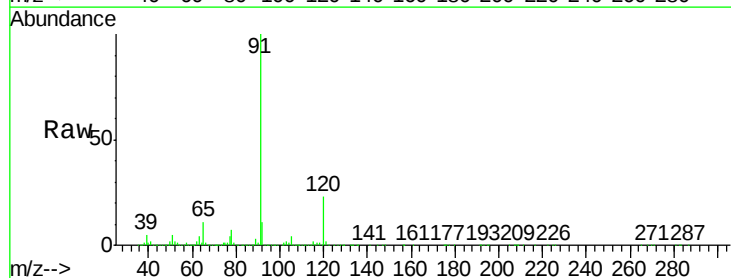
RT: 11.34 min Scan# 1682

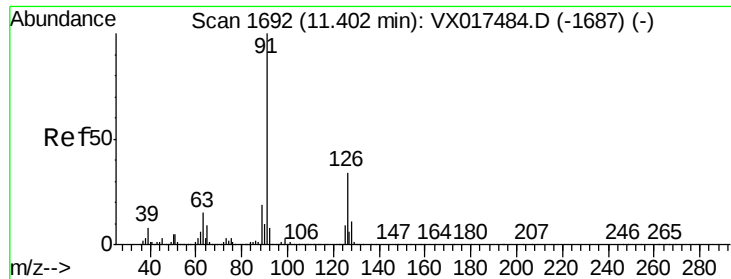
Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Tgt Ion:	91	Resp:	612002
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.2	36.4





#79

2-Chlorotoluene

Concen: 16.186 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

ClientSampled :

VX0724WBS01

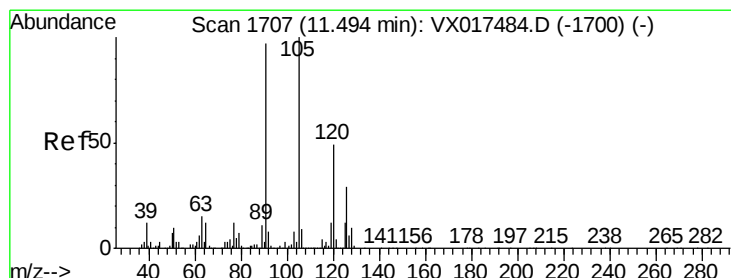
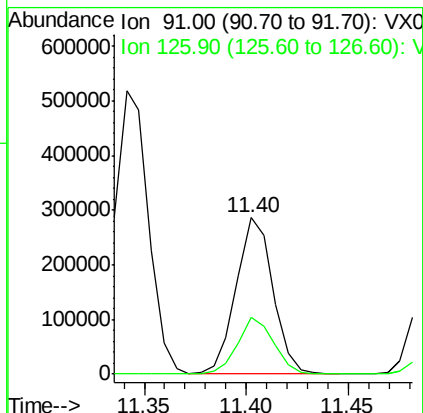
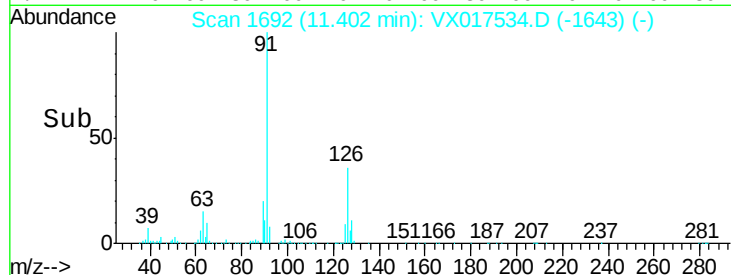
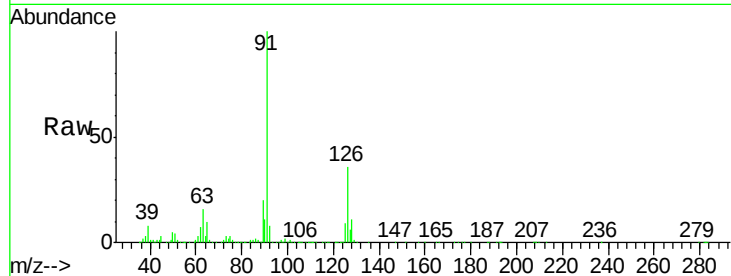
Tgt Ion: 91 Resp: 354192
Ion Ratio Lower Upper

91 100

126 36.0 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 17.403 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

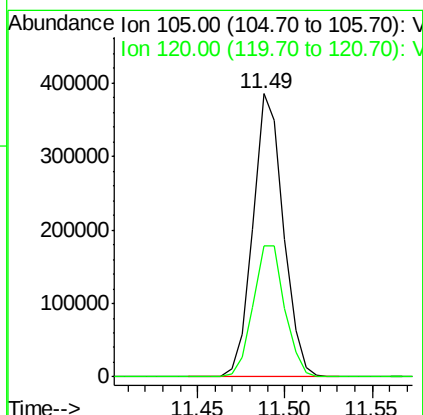
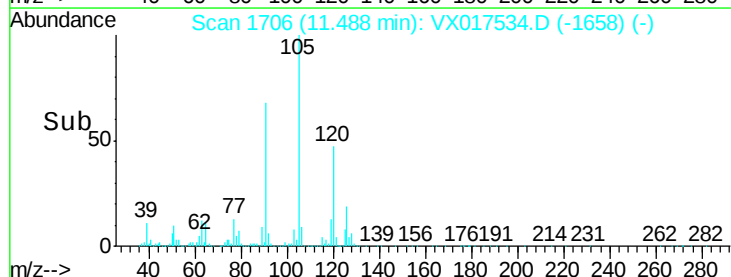
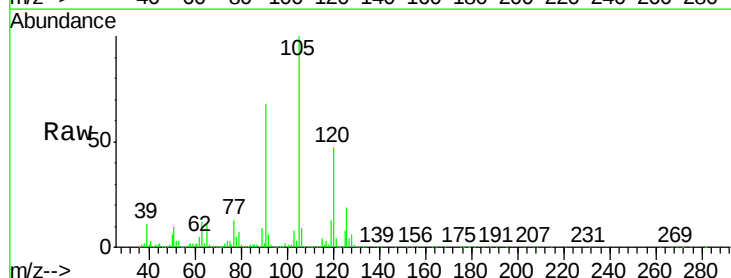
Lab File: VX017534.D

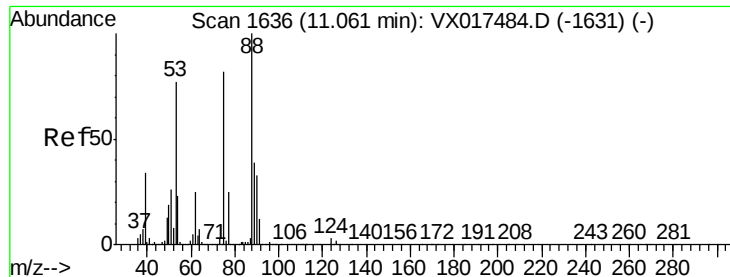
Acq: 24 Jul 2020 11:51

Tgt Ion: 105 Resp: 465380
Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3





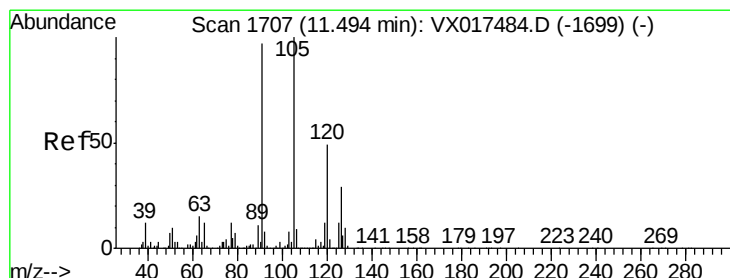
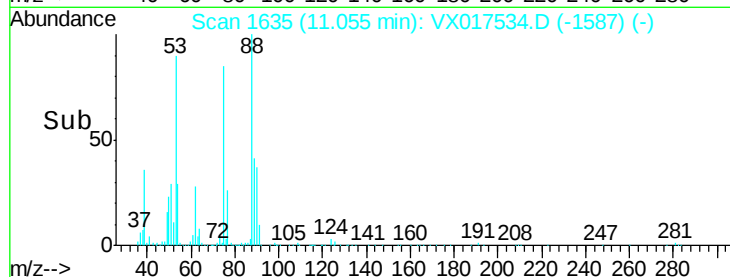
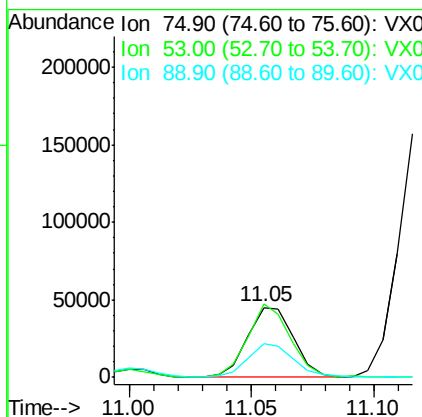
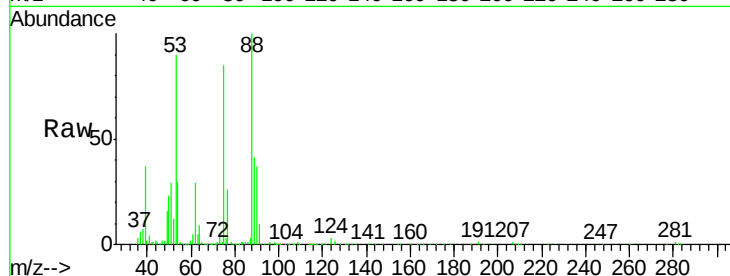
#81
trans-1,4-Dichloro-2-butene
Concen: 15.843 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.2	75.9	113.9
89	49.1	37.8	56.6

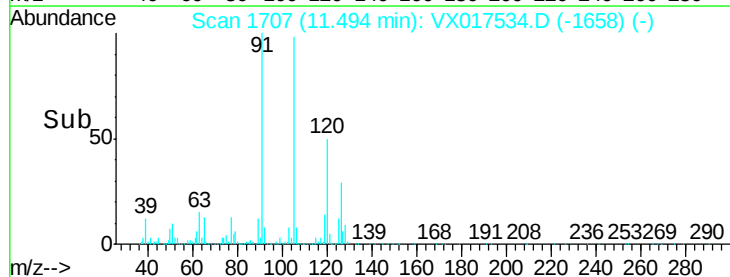
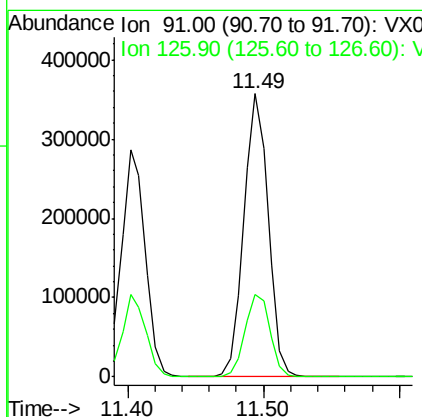
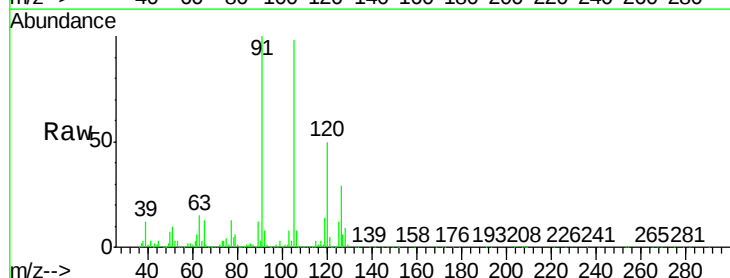
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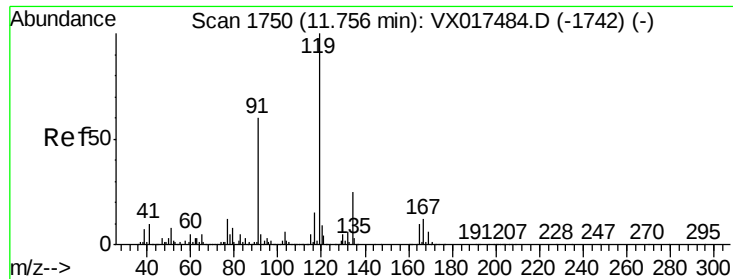
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#82
4-Chlorotoluene
Concen: 17.347 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.2	45.6





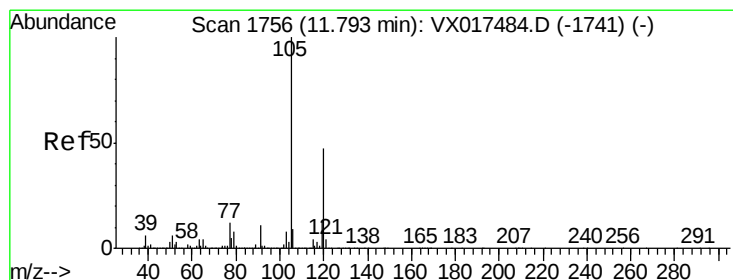
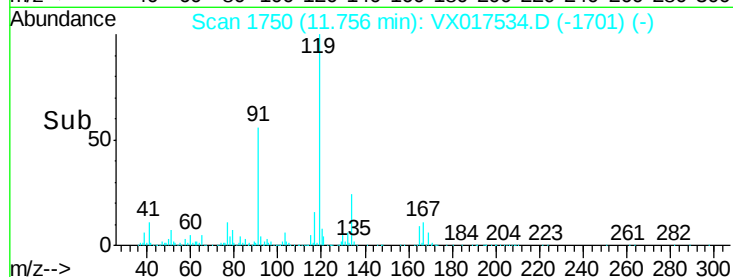
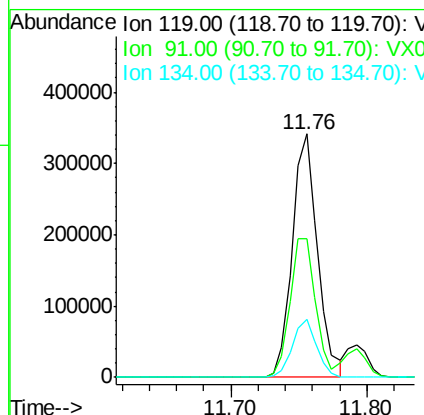
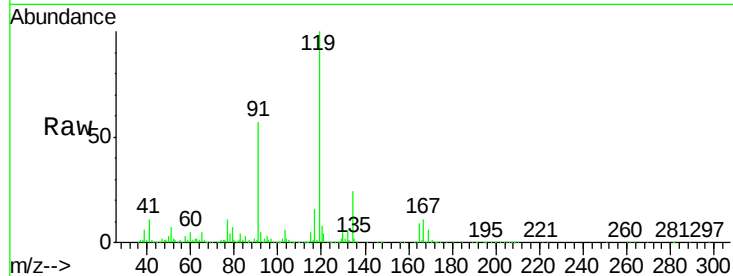
#83
 tert-Butylbenzene
 Concen: 17.128 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017534.D
 Acq: 24 Jul 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	438282		
91	57.8	29.3	88.0	
134	22.8	11.2	33.6	

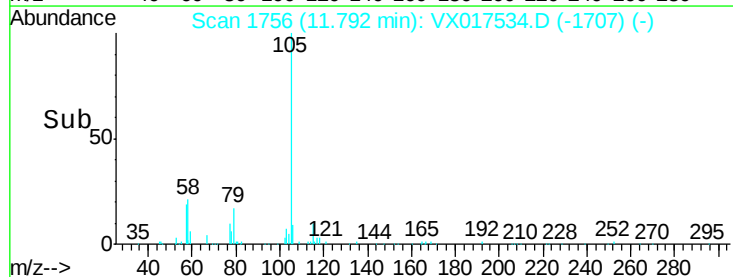
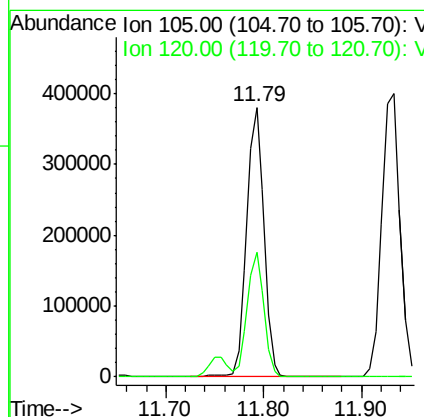
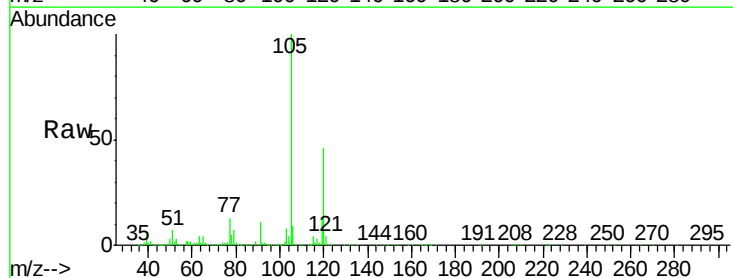
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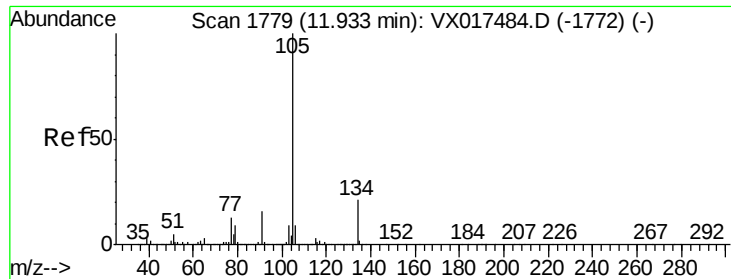
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.552 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017534.D
 Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	466845		
120	44.6	22.7	68.0	





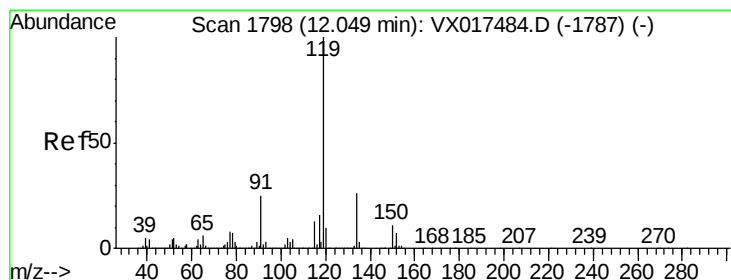
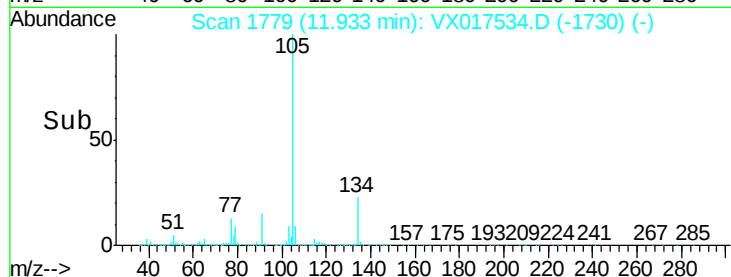
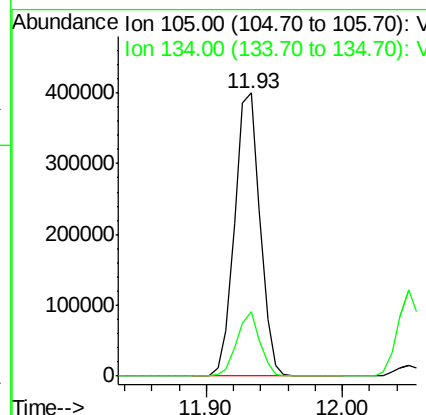
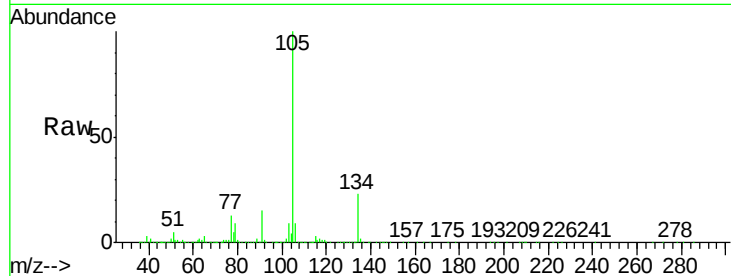
#85
 sec-Butylbenzene
 Concen: 17.343 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017534.D
 Acq: 24 Jul 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	516969		
134	20.7	10.4	31.2	

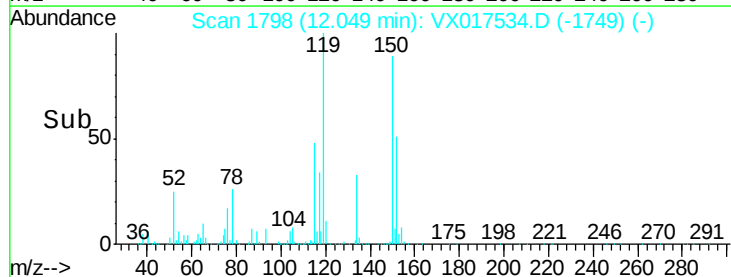
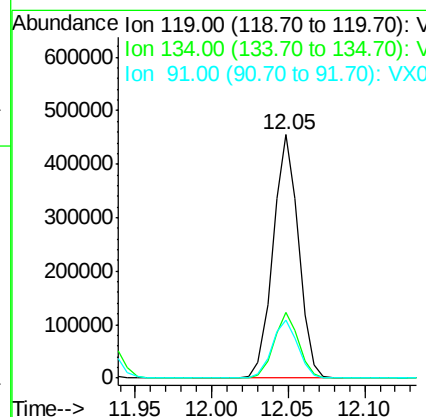
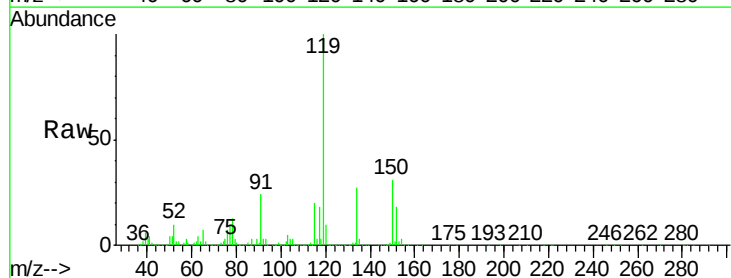
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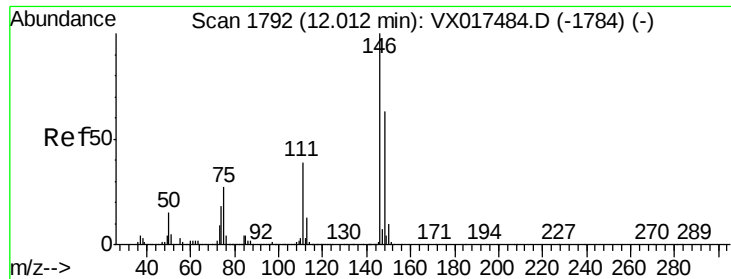
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#86
 p-Isopropyltoluene
 Concen: 18.686 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017534.D
 Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	530417		
134	26.0	13.1	39.3	
91	24.2	12.1	36.3	





#87

1,3-Dichlorobenzene

Concen: 18.408 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

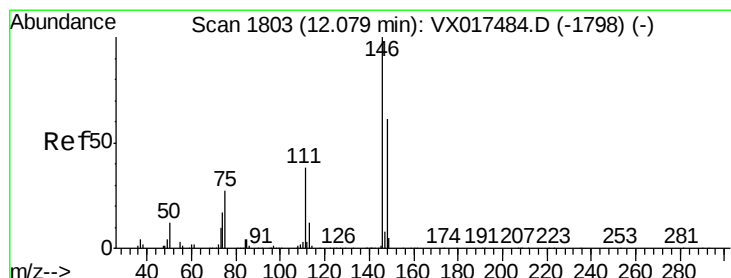
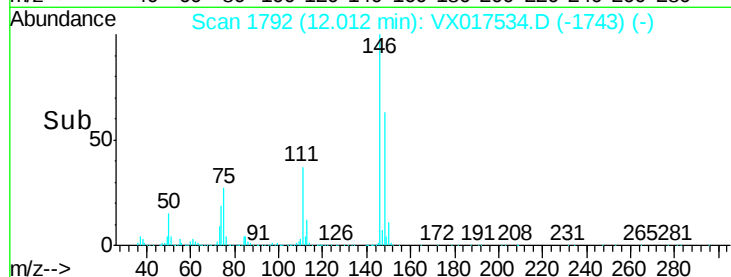
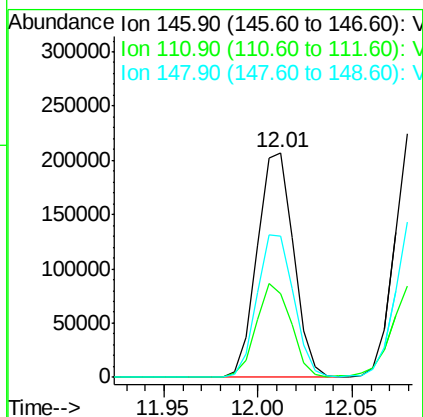
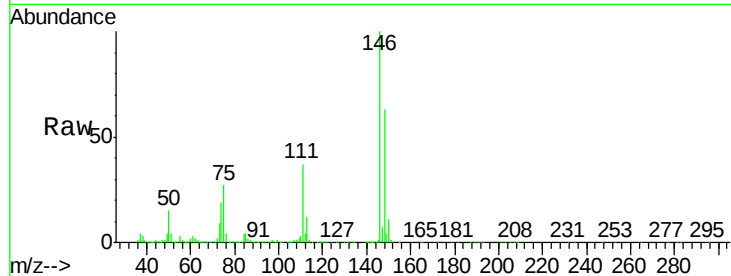
ClientSampleId :

VX0724WBS01

Tgt Ion:	146	Resp:	277178
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.9	59.7
148	63.8	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 17.680 ug/l

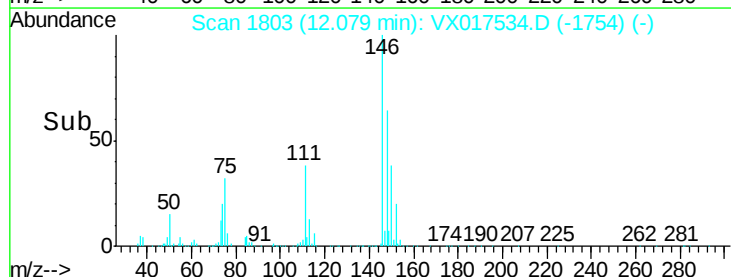
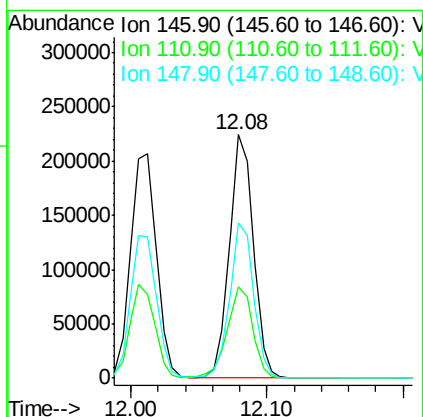
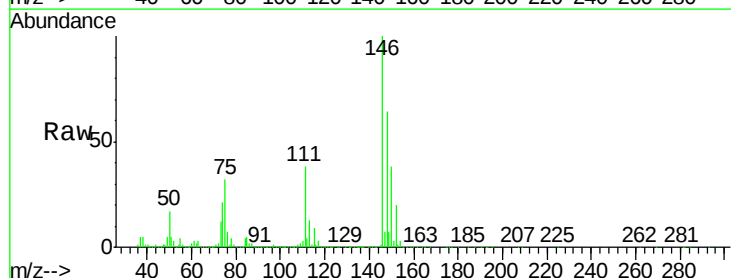
RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Tgt Ion:	146	Resp:	275738
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.3	57.8
148	63.5	32.2	96.6





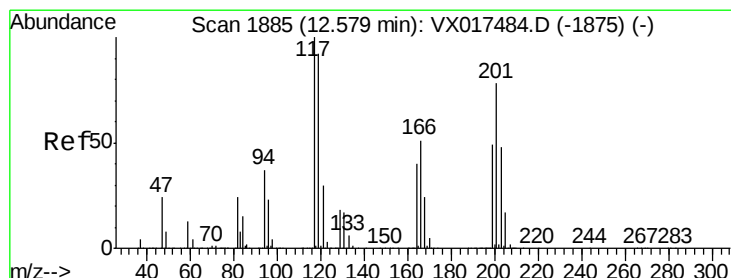
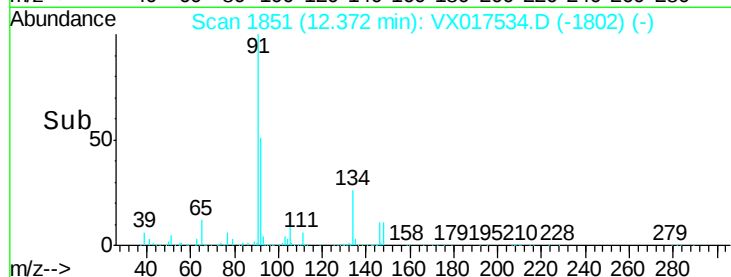
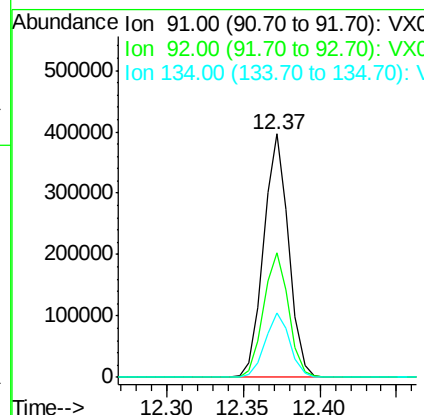
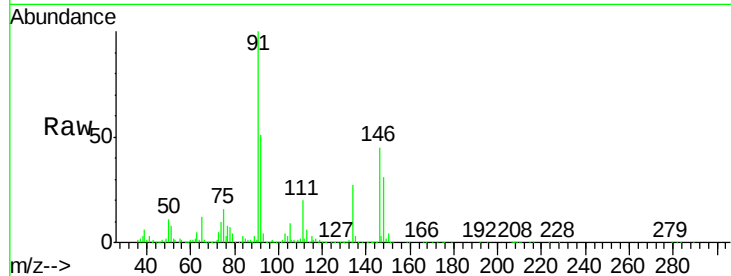
#89
n-Butylbenzene
Concen: 17.887 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.2	26.7	80.1
134	26.1	13.6	40.7

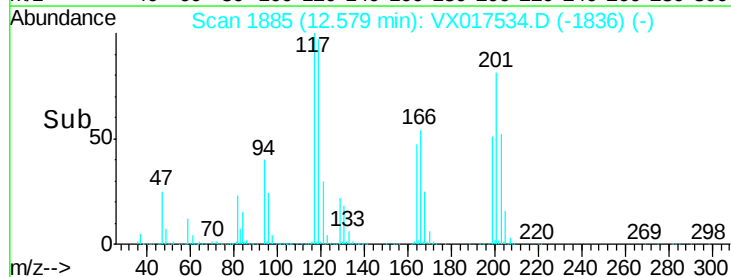
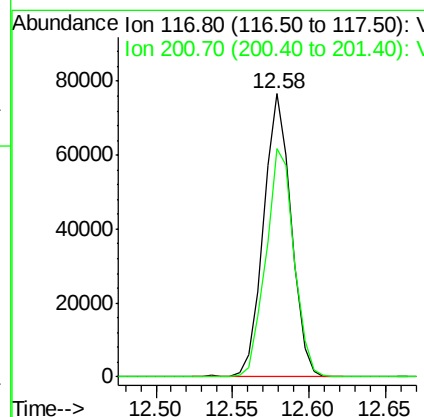
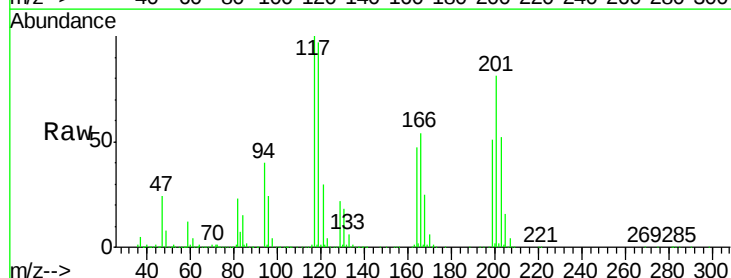
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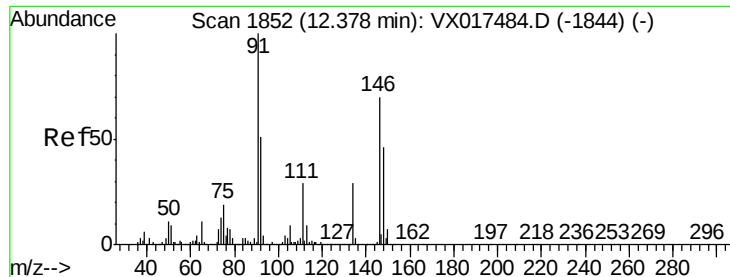
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#90
Hexachloroethane
Concen: 17.312 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.1	42.2	126.6





#91

1,2-Dichlorobenzene

Concen: 16.881 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Instrument :

MSVOA_X

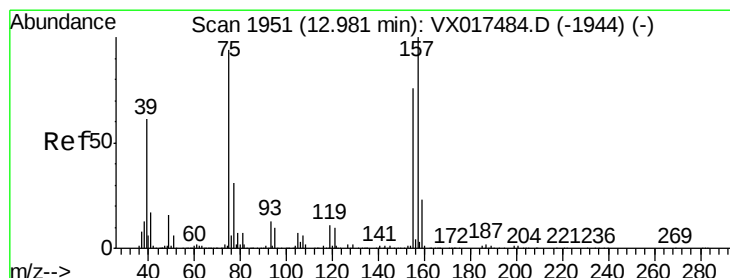
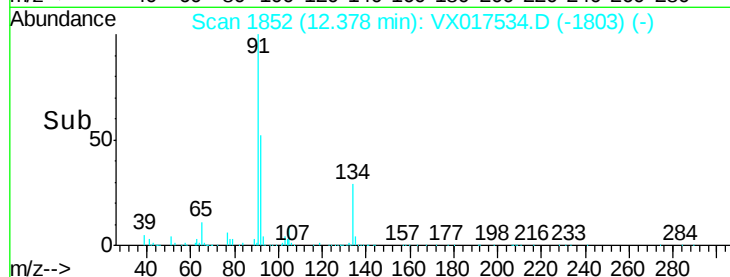
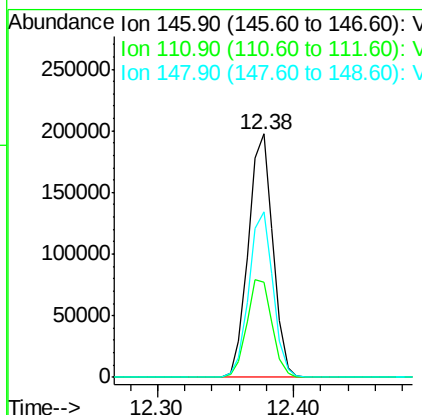
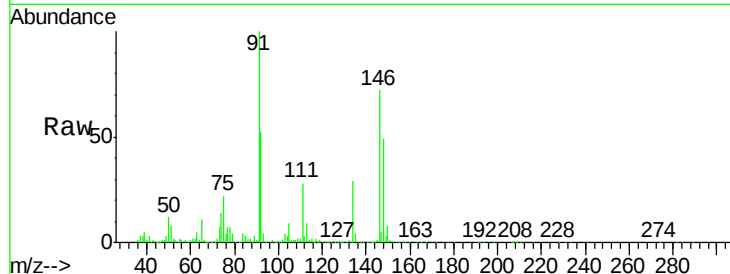
ClientSampleId :

VX0724WBS01

Tgt Ion:	146	Resp:	249820
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.9	62.8
148	67.1	32.8	98.4

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.522 ug/l

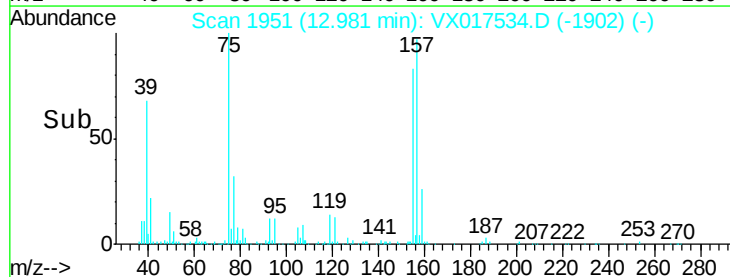
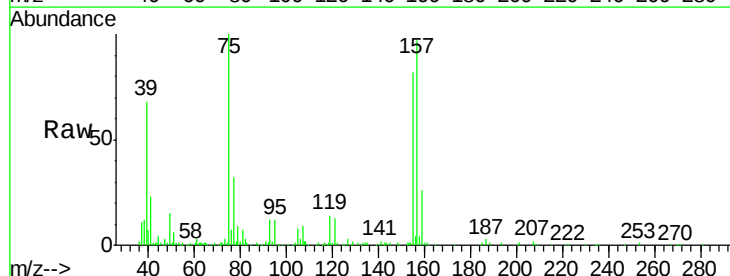
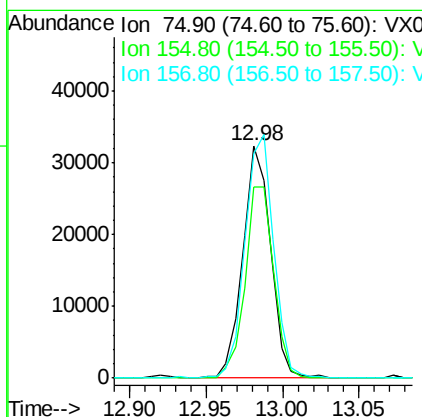
RT: 12.98 min Scan# 1951

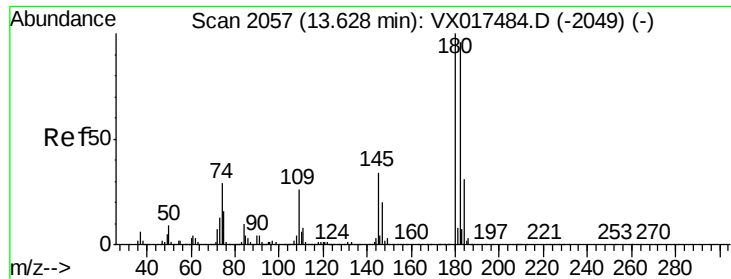
Delta R.T. 0.00 min

Lab File: VX017534.D

Acq: 24 Jul 2020 11:51

Tgt Ion:	75	Resp:	40651
Ion Ratio	Lower	Upper	
75	100		
155	85.2	42.3	126.8
157	109.3	54.3	162.9





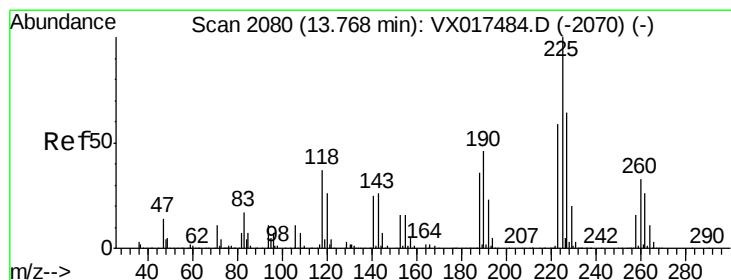
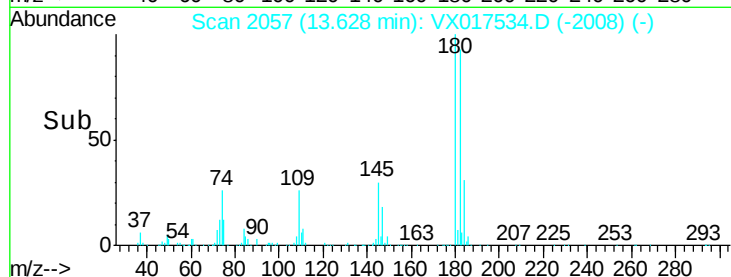
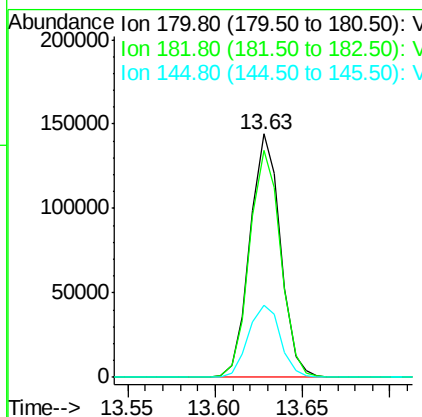
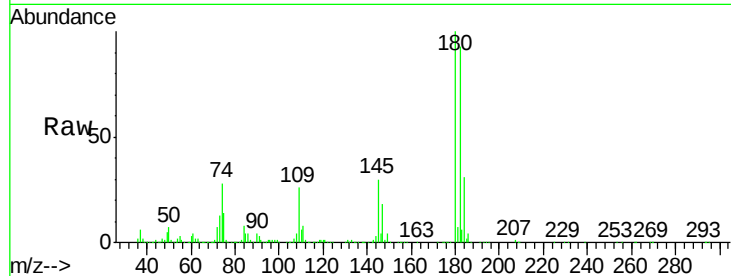
#93
1,2,4-Trichlorobenzene
Concen: 17.322 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	174948		
182	94.6	47.5	142.6	
145	31.2	15.4	46.4	

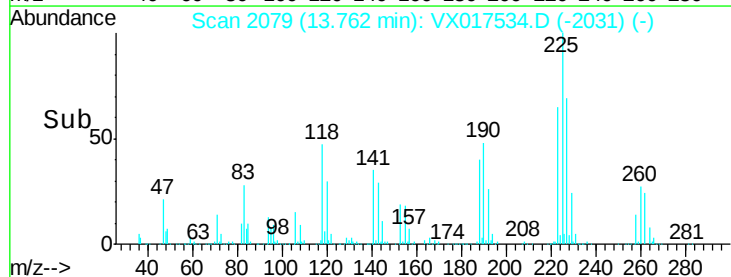
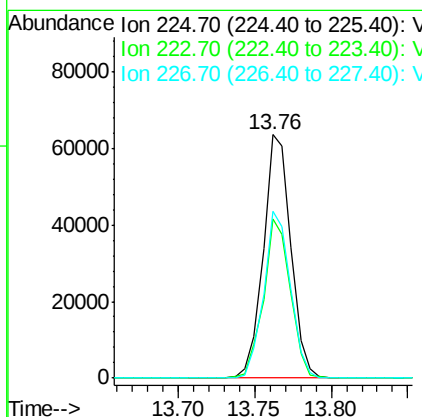
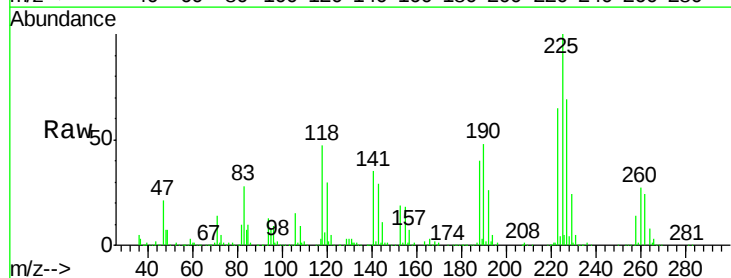
Manual Integrations
APPROVED

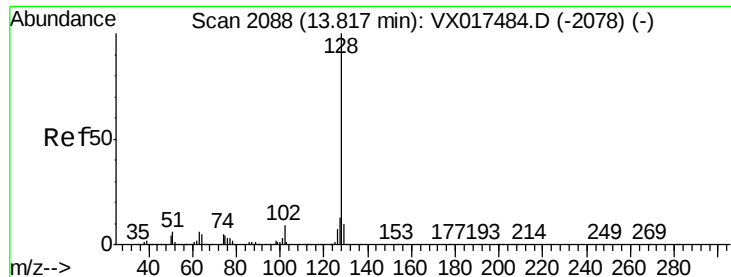
MMDadoda
7/27/2020 11:03:57 AM



#94
Hexachlorobutadiene
Concen: 17.221 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80063		
223	63.9	30.3	90.9	
227	66.5	31.1	93.2	





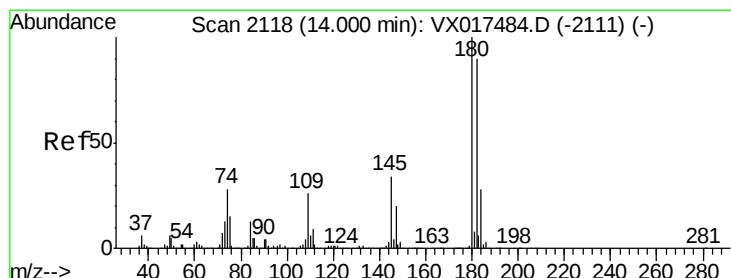
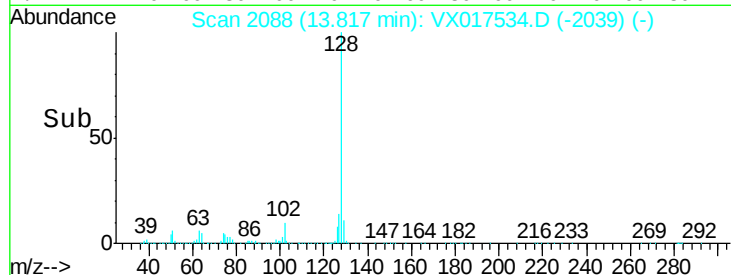
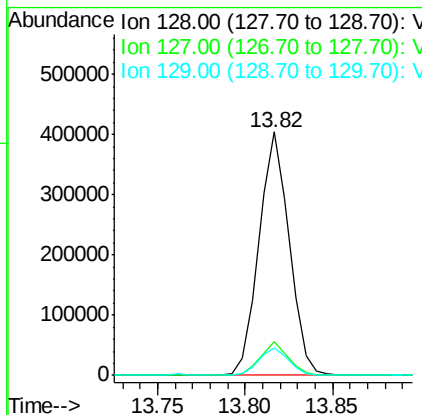
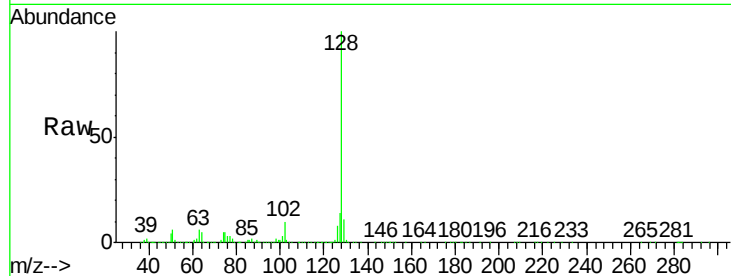
#95
Naphthalene
Concen: 16.094 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	485231		
127	13.0	10.4	15.6	
129	10.9	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:03:57 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.570 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017534.D
Acq: 24 Jul 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	175215		
182	90.6	47.4	142.3	
145	32.2	16.3	48.9	

