

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052820\
 Data File : VX016498.D
 Acq On : 28 May 2020 20:05
 Operator : JC/SP
 Sample : L2778-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MSD

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 10:57:54 AM

Quant Time: May 29 04:30:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	271299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	435674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	407255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197045	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	183709	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
35) Dibromofluoromethane	5.47	113	143498	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
50) Toluene-d8	8.70	98	568044	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
62) 4-Bromofluorobenzene	11.12	95	214032	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	146339	54.811	ug/l 99
3) Chloromethane	1.31	50	170710	52.910	ug/l 100
4) Vinyl Chloride	1.39	62	204415	59.910	ug/l 99
5) Bromomethane	1.62	94	91832	55.353	ug/l 97
6) Chloroethane	1.70	64	110861	55.699	ug/l 97
7) Trichlorofluoromethane	1.91	101	239586	53.467	ug/l 99
8) Diethyl Ether	2.17	74	98404	52.665	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	127750	51.800	ug/l 99
10) Methyl Iodide	2.49	142	150189	50.913	ug/l 99
11) Tert butyl alcohol	3.01	59	228769	264.790	ug/l 99
12) 1,1-Dichloroethene	2.36	96	140482	53.815	ug/l 98
13) Acrolein	2.27	56	110416	300.436	ug/l 97
14) Allyl chloride	2.70	41	260980	54.362	ug/l 99
15) Acrylonitrile	3.12	53	504166	284.876	ug/l 98
16) Acetone	2.42	43	406738	275.546	ug/l 99
17) Carbon Disulfide	2.55	76	418008	53.921	ug/l 100
18) Methyl Acetate	2.75	43	200023	52.833	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	517619	55.219	ug/l 100
20) Methylene Chloride	2.83	84	162828	53.316	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	155438	53.832	ug/l 97
22) Diisopropyl ether	3.82	45	504129	54.663	ug/l 99
23) Vinyl Acetate	3.79	43	2121927	262.858	ug/l 99
24) 1,1-Dichloroethane	3.67	63	287072	55.149	ug/l 99
25) 2-Butanone	4.64	43	701479	280.455	ug/l 99
26) 2,2-Dichloropropane	4.55	77	189950	44.595	ug/l 98
27) cis-1,2-Dichloroethene	4.56	96	181065	54.204	ug/l 99
28) Bromochloromethane	4.98	49	125679	51.956	ug/l 98
29) Tetrahydrofuran	5.09	42	458718	283.876	ug/l 100
30) Chloroform	5.18	83	282917	53.941	ug/l 99
31) Cyclohexane	5.55	56	238705	50.973	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	251365	52.936	ug/l 100
36) 1,1-Dichloropropene	5.77	75	215414	52.221	ug/l 99
37) Ethyl Acetate	4.79	43	248277	50.132	ug/l 99
38) Carbon Tetrachloride	5.76	117	223307	51.513	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	227671	50.814	ug/l	99
40) Benzene	6.12	78	657505	53.525	ug/l	99
41) Methacrylonitrile	5.01	41	146417	53.824	ug/l	98
42) 1,2-Dichloroethane	6.17	62	228295	52.259	ug/l	99
43) Isopropyl Acetate	6.42	43	400244	51.812	ug/l	99
44) Trichloroethene	7.19	130	195047	50.045	ug/l	98
45) 1,2-Dichloropropane	7.49	63	168721	53.952	ug/l	97
46) Dibromomethane	7.64	93	110864	52.780	ug/l	99
47) Bromodichloromethane	7.88	83	231067	53.129	ug/l	99
48) Methyl methacrylate	7.74	41	202343	54.707	ug/l	99
49) 1,4-Dioxane	7.71	88	85260	985.000	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1325296	275.530	ug/l	99
52) Toluene	8.77	92	413253	53.349	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	262343	53.047	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	275879	52.702	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	166913	54.194	ug/l	97
56) Ethyl methacrylate	9.16	69	279698	55.761	ug/l	99
57) 1,3-Dichloropropane	9.35	76	287343	54.354	ug/l	99
59) 2-Hexanone	9.48	43	1043612	279.002	ug/l	99
60) Dibromochloromethane	9.57	129	187967	54.231	ug/l	99
61) 1,2-Dibromoethane	9.65	107	178881	54.237	ug/l	100
64) Tetrachloroethene	9.32	164	208555	45.773	ug/l	99
65) Chlorobenzene	10.12	112	998223	120.227	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	166454	52.519	ug/l	100
67) Ethyl Benzene	10.24	91	766255	51.835	ug/l	100
68) m/p-Xylenes	10.34	106	574114	104.747	ug/l	100
69) o-Xylene	10.68	106	277662	52.310	ug/l	99
70) Styrene	10.70	104	494123	54.158	ug/l	100
71) Bromoform	10.84	173	143332	53.511	ug/l #	98
73) Isopropylbenzene	11.00	105	724279	53.050	ug/l	100
74) N-amyl acetate	10.88	43	339232	54.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	208793	61.020	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	240721m	55.579	ug/l	
77) Bromobenzene	11.24	156	193213	53.957	ug/l	99
78) n-propylbenzene	11.34	91	819646	53.736	ug/l	99
79) 2-Chlorotoluene	11.41	91	503503	54.079	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	611312	53.624	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	91982	52.241	ug/l	100
82) 4-Chlorotoluene	11.49	91	593790	54.007	ug/l	100
83) tert-Butylbenzene	11.76	119	536812	55.110	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	621205	53.882	ug/l	100
85) sec-Butylbenzene	11.93	105	660361	54.042	ug/l	99
86) p-Isopropyltoluene	12.05	119	621266	54.276	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	334539	53.924	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	346139	54.554	ug/l	99
89) n-Butylbenzene	12.37	91	536055	56.225	ug/l	100
90) Hexachloroethane	12.58	117	105697	53.460	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	325251	54.113	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60382	54.481	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	224685	56.286	ug/l	97

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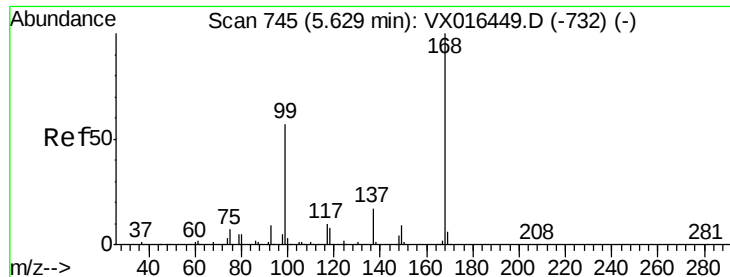
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	79225	50.549	ug/l	97
95) Naphthalene	13.82	128	758676	55.441	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	210326	53.781	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MSD

Tot Ion:168 Resp: 271299

Ion Ratio Lower Upper

168 100

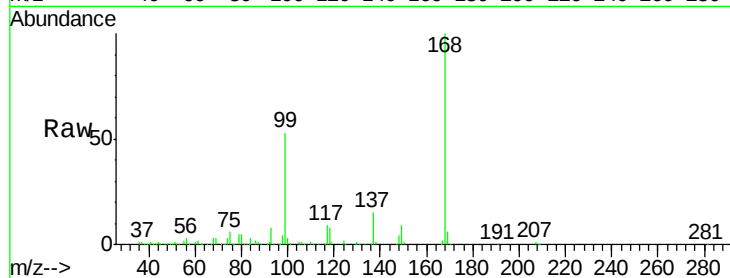
99 53.3 45.2 67.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

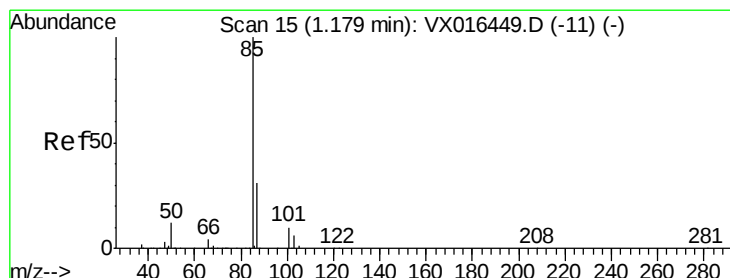
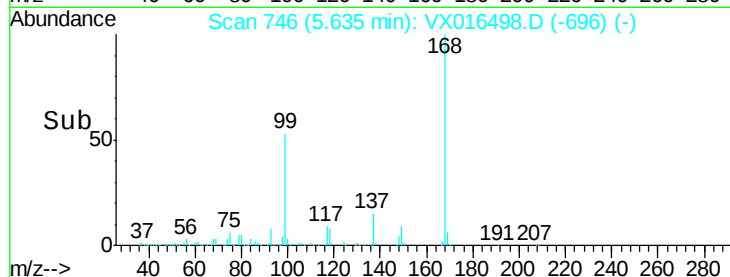
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.811 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016498.D

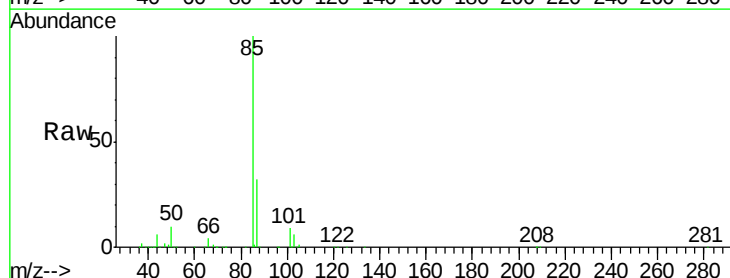
Acq: 28 May 2020 20:05

Tgt Ion: 85 Resp: 146339

Ion Ratio Lower Upper

85 100

87 31.5 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

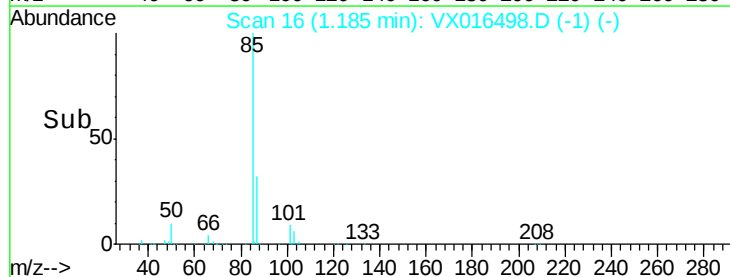
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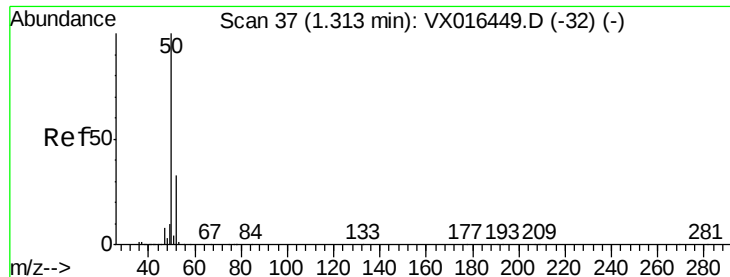
100000

50000

0

Time-->





#3

Chloromethane

Concen: 52.910 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MSD

Tot Ion: 50 Resp: 170710

Ion Ratio Lower Upper

50 100

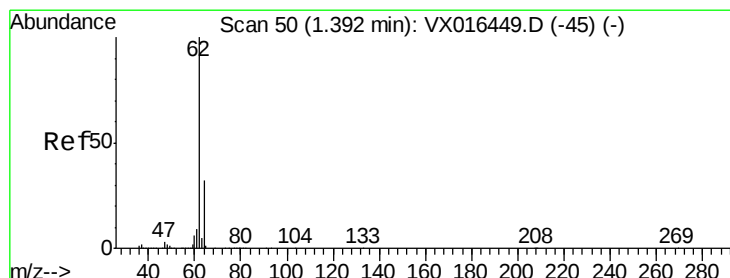
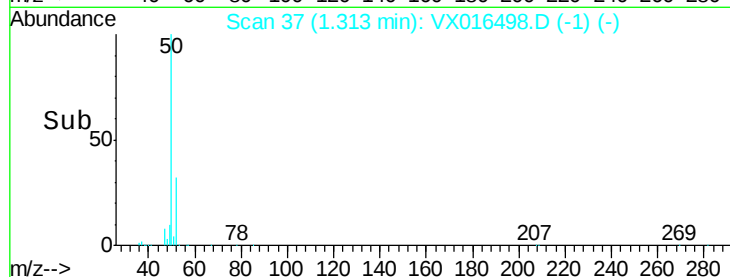
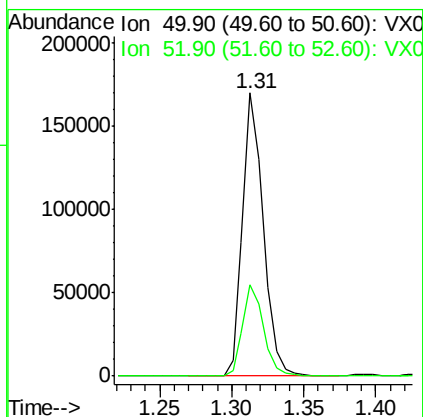
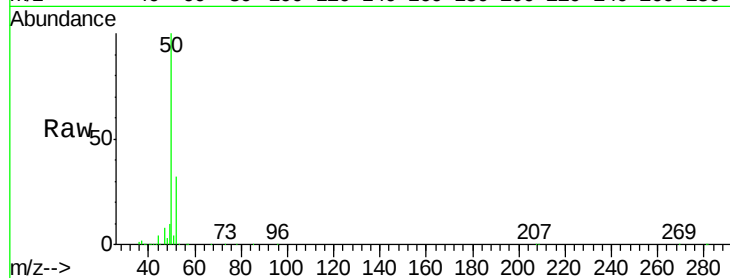
52 32.4 26.2 39.2

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#4

Vinyl Chloride

Concen: 59.910 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016498.D

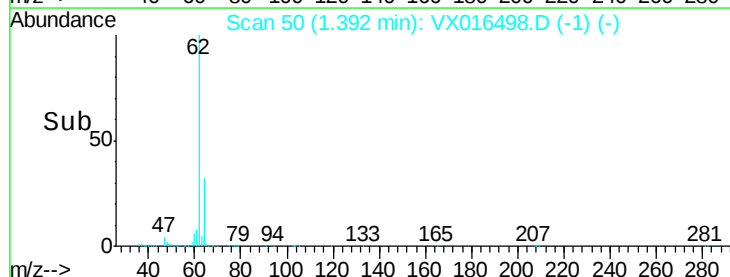
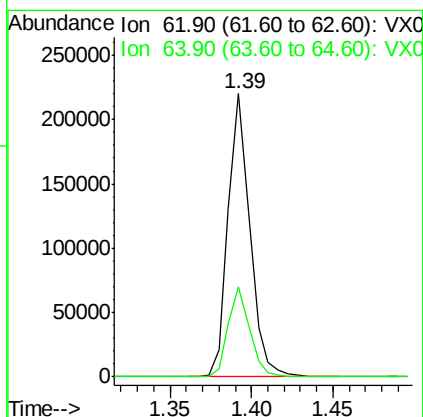
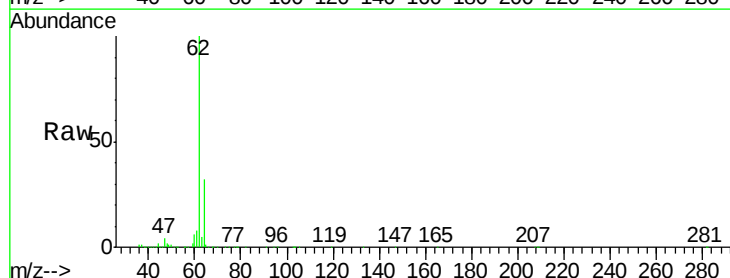
Acq: 28 May 2020 20:05

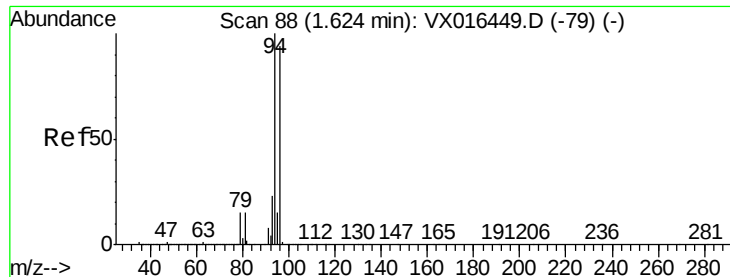
Tgt Ion: 62 Resp: 204415

Ion Ratio Lower Upper

62 100

64 31.7 25.9 38.9





#5

Bromomethane

Concen: 55.353 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

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Tot Ion: 94 Resp: 91832

Ion Ratio Lower Upper

94 100

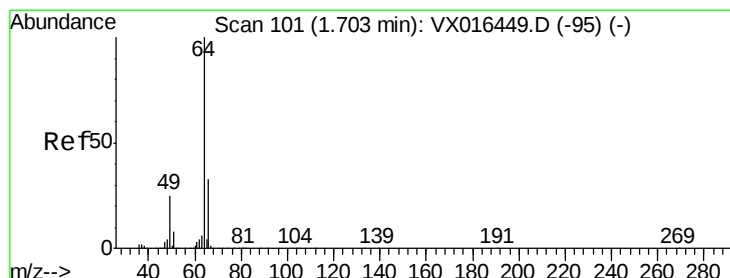
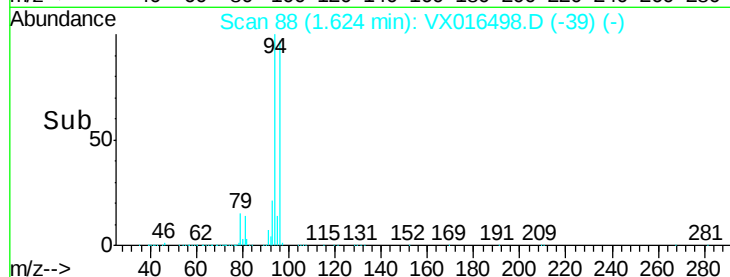
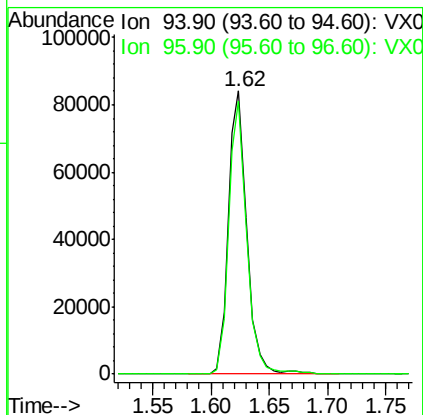
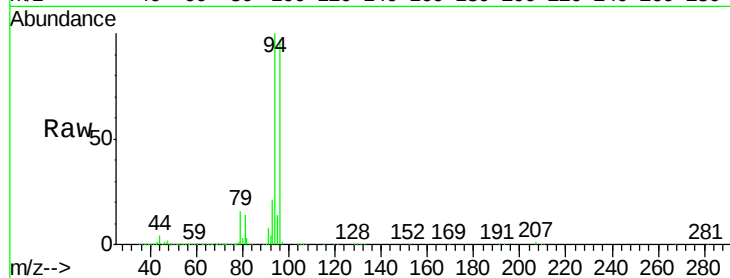
96 96.4 75.1 112.7

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#6

Chloroethane

Concen: 55.699 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016498.D

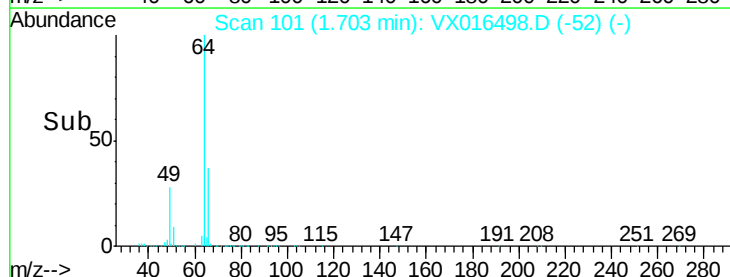
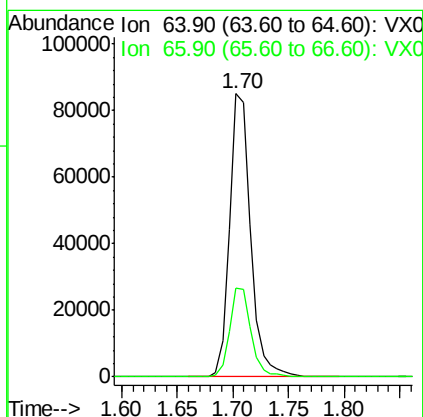
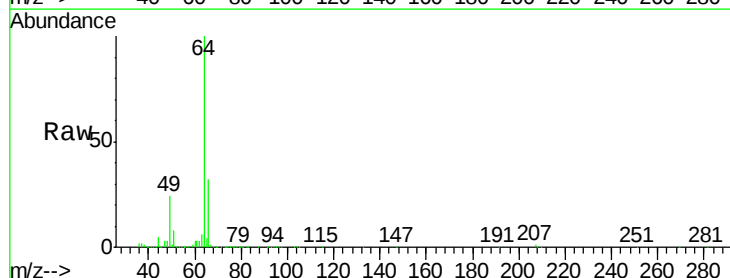
Acq: 28 May 2020 20:05

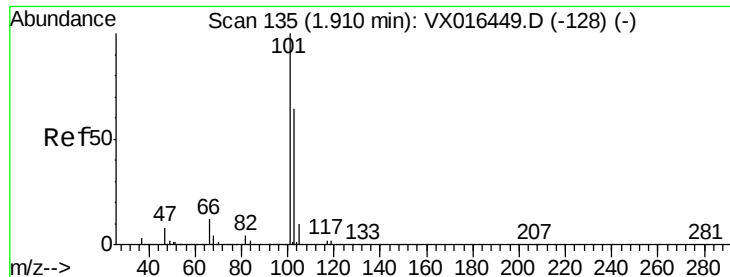
Tgt Ion: 64 Resp: 110861

Ion Ratio Lower Upper

64 100

66 31.5 26.7 40.1





#7

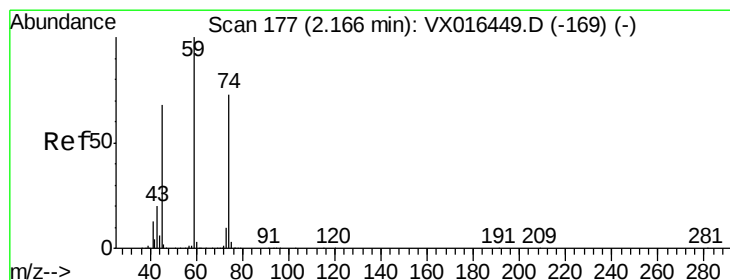
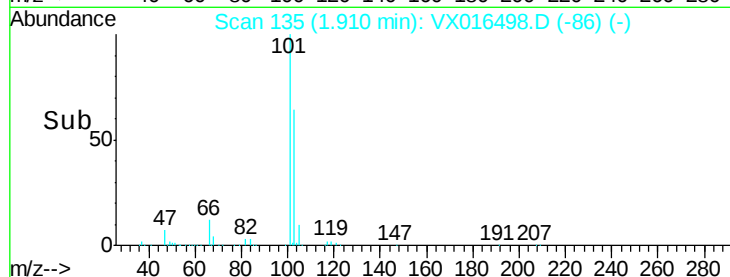
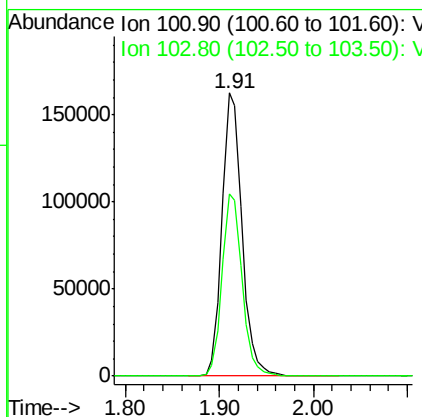
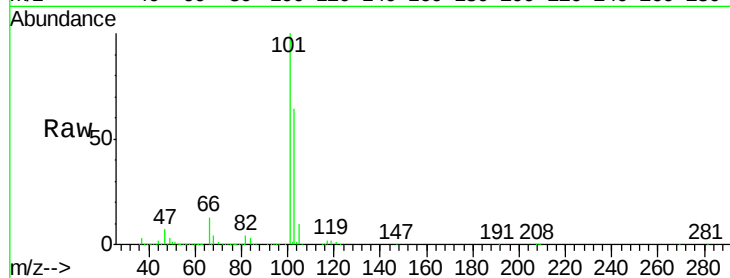
Trichlorofluoromethane
Concen: 53.467 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016498.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	50.9	76.3

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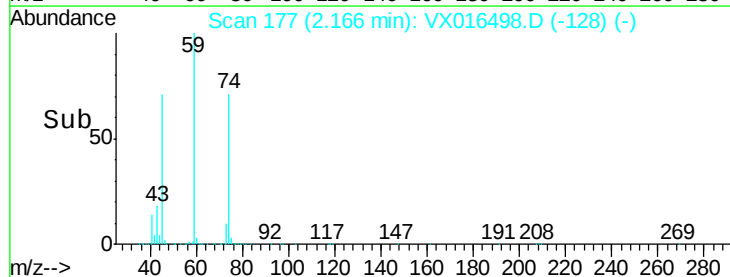
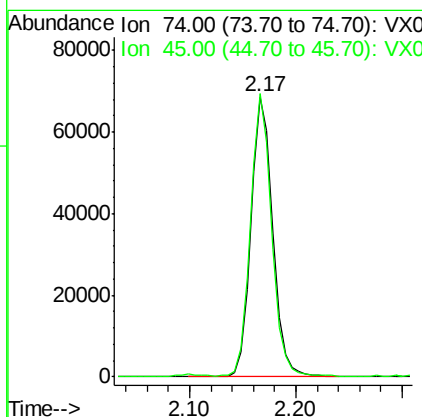
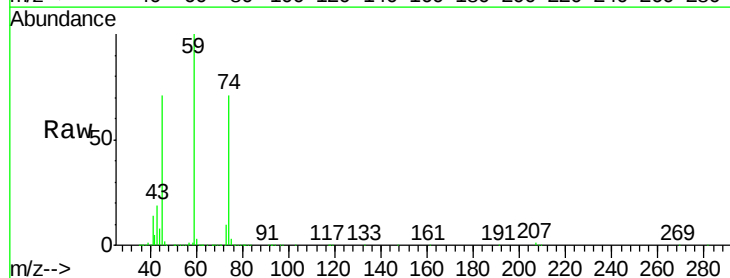
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#8

Diethyl Ether
Concen: 52.665 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.4	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.800 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

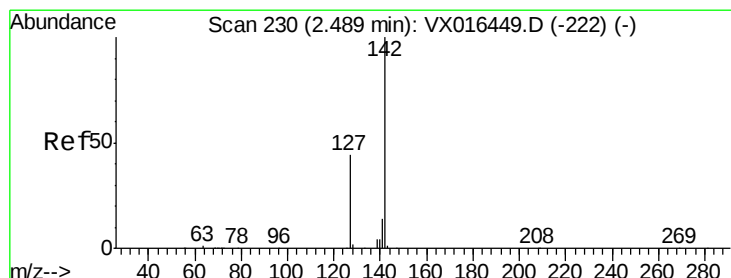
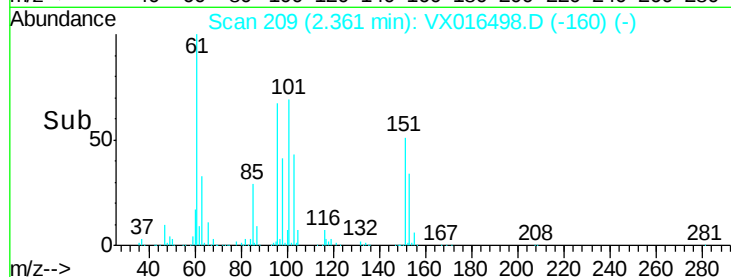
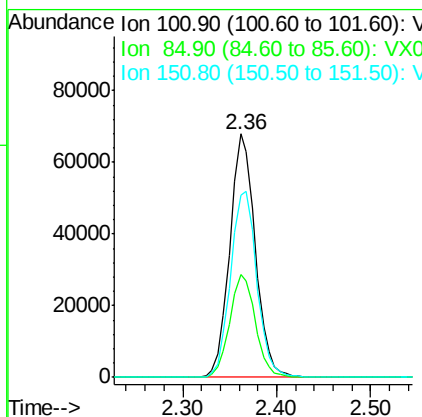
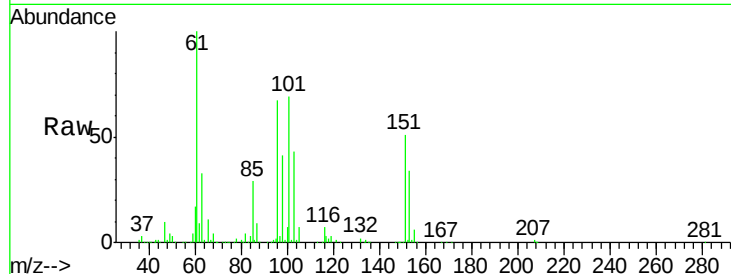
ClientSampleId :

WP022RW358-200526MSD

Tot Ion:	101	Resp:	127750
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.4	51.6
151	78.9	63.8	95.6

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#10

Methyl Iodide

Concen: 50.913 ug/l

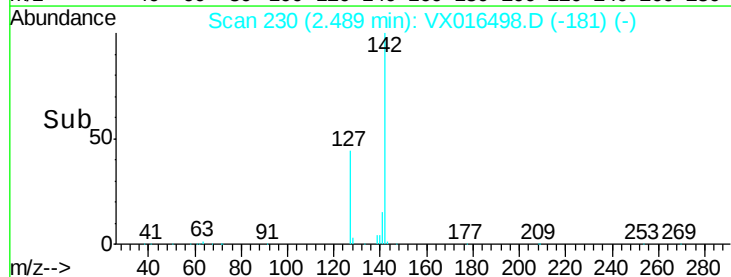
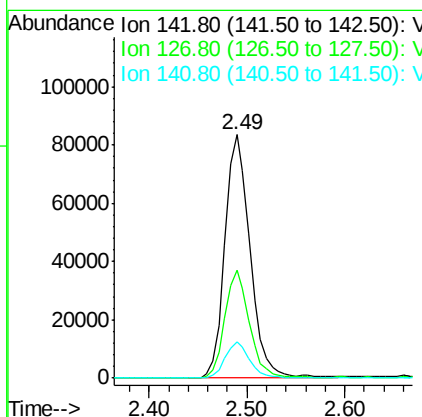
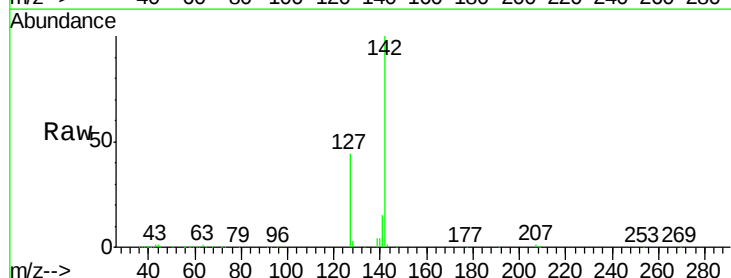
RT: 2.49 min Scan# 230

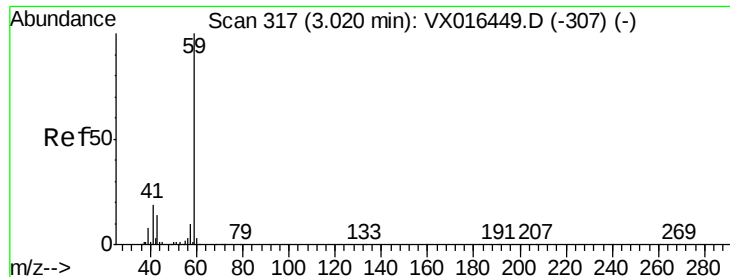
Delta R.T. 0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Tgt Ion:	142	Resp:	150189
Ion Ratio	Lower	Upper	
142	100		
127	43.3	35.3	52.9
141	14.3	11.4	17.2





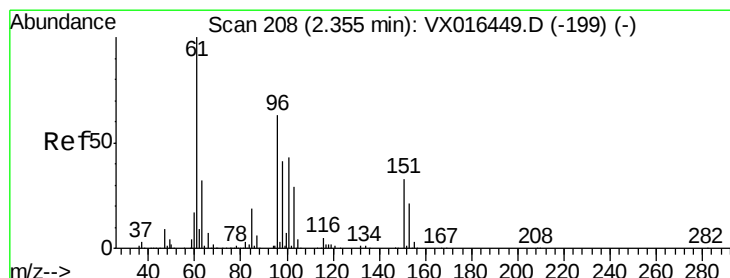
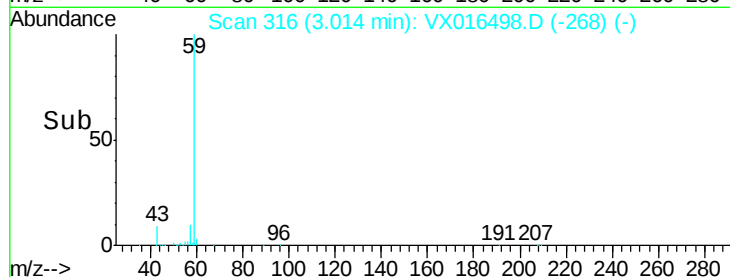
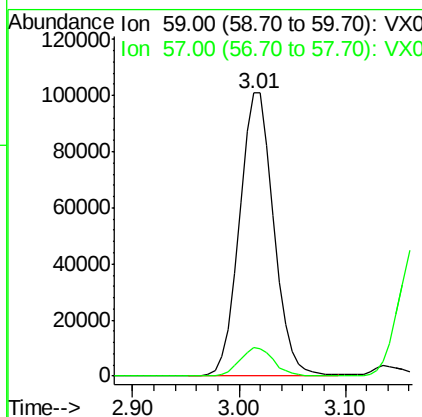
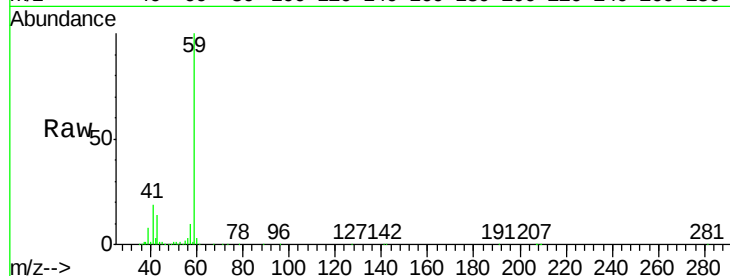
#11
Tert butyl alcohol
Concen: 264.790 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.4

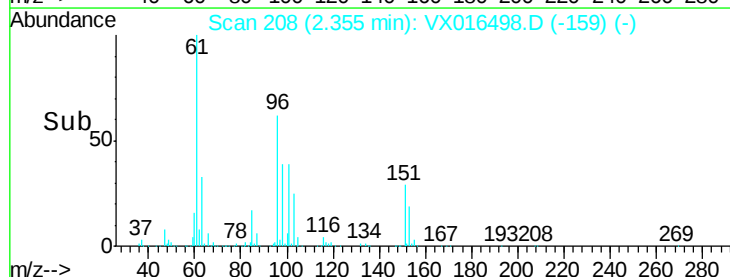
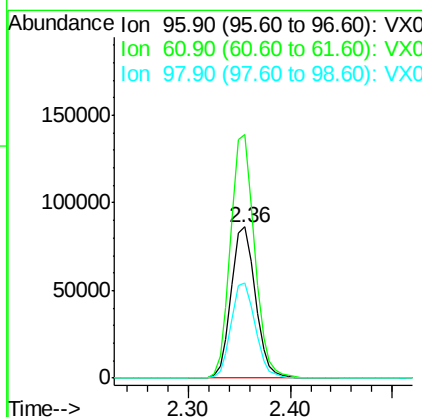
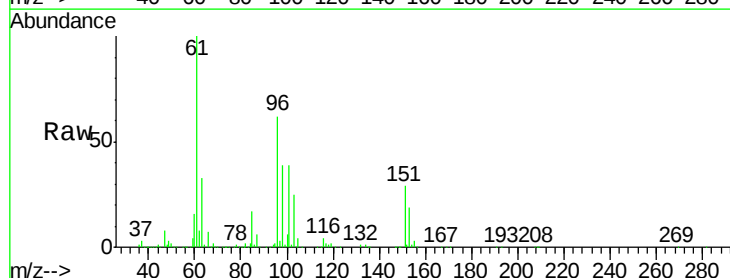
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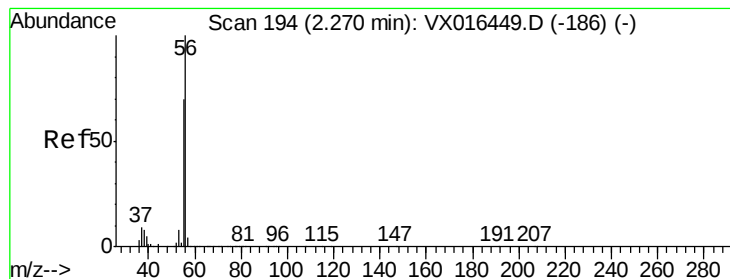
MMDadoda
5/29/2020 10:57:54 AM



#12
1,1-Dichloroethene
Concen: 53.815 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.1	126.6	189.8
98	63.2	51.3	76.9





#13

Acrolein

Concen: 300.436 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MSD

Tot Ion: 56 Resp: 110416

Ion Ratio Lower Upper

56 100

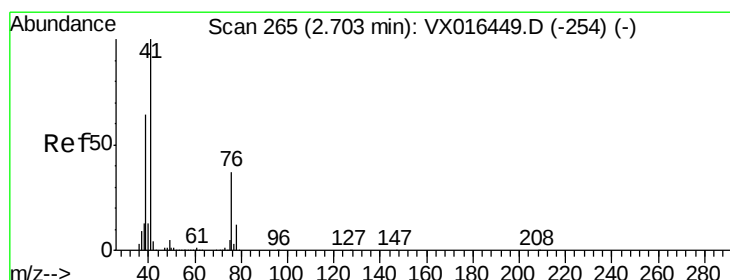
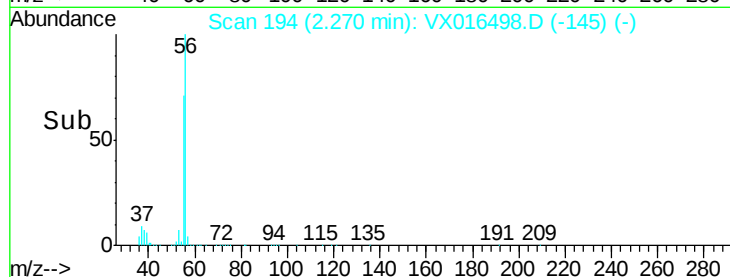
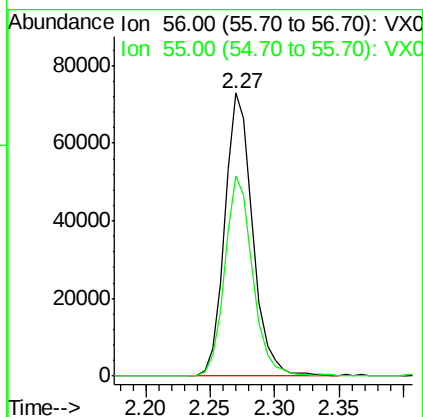
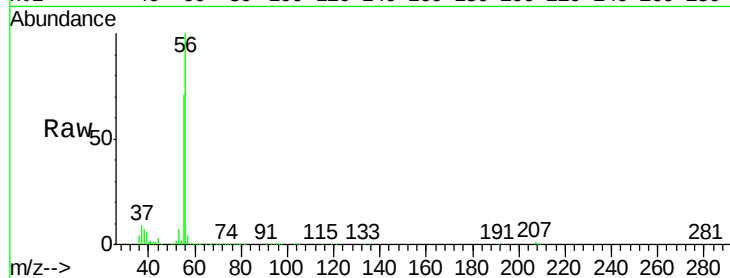
55 70.5 58.3 87.5

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#14

Allyl chloride

Concen: 54.362 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

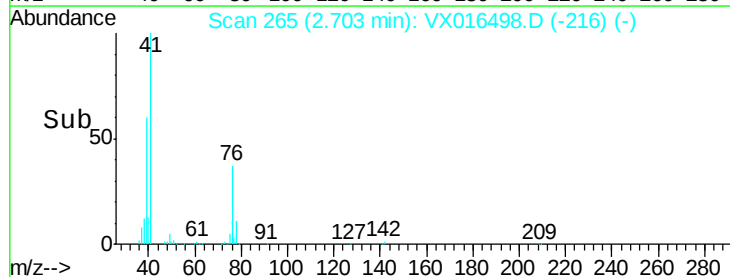
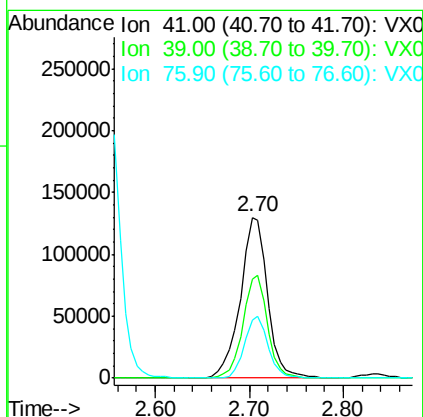
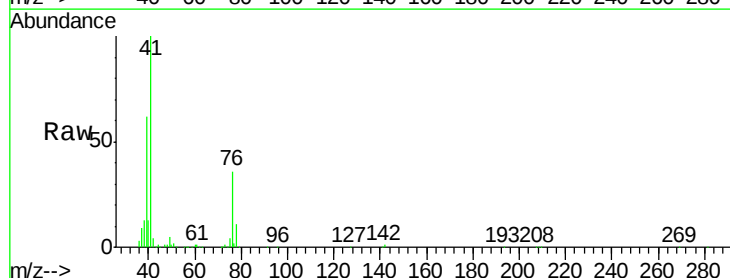
Tgt Ion: 41 Resp: 260980

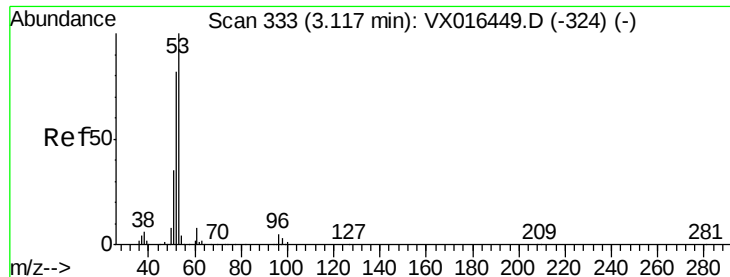
Ion Ratio Lower Upper

41 100

39 58.0 47.7 71.5

76 33.4 26.6 40.0





#15

Acrylonitrile

Concen: 284.876 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

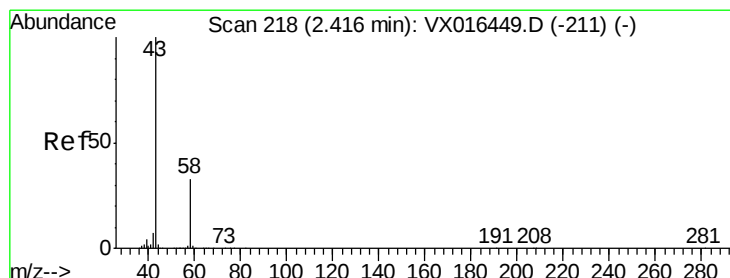
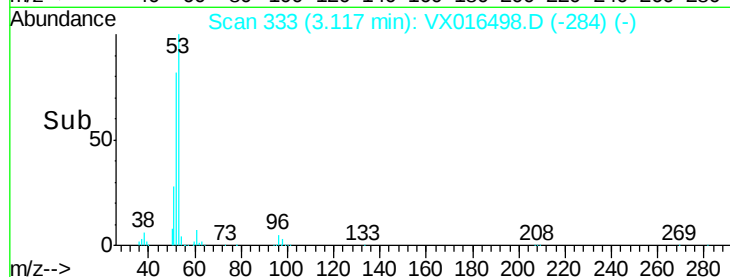
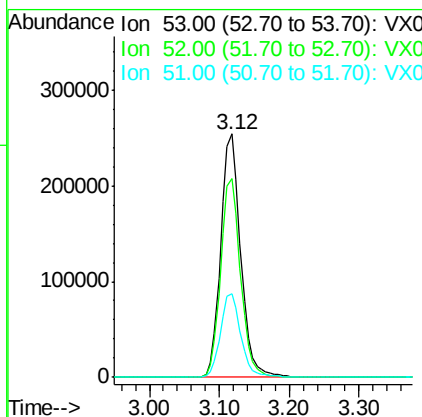
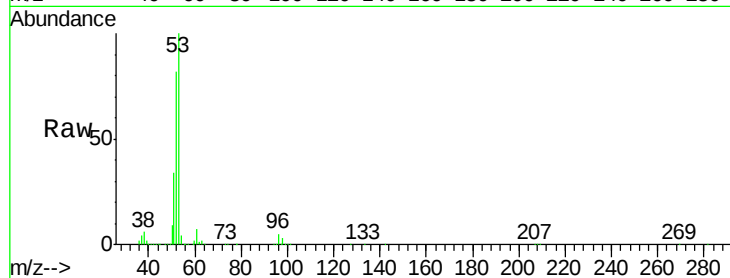
ClientSampleId :

WP022RW358-200526MSD

Tot Ion:	53	Resp:	504166
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.7	100.1
51	35.1	28.6	43.0

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#16

Acetone

Concen: 275.546 ug/l

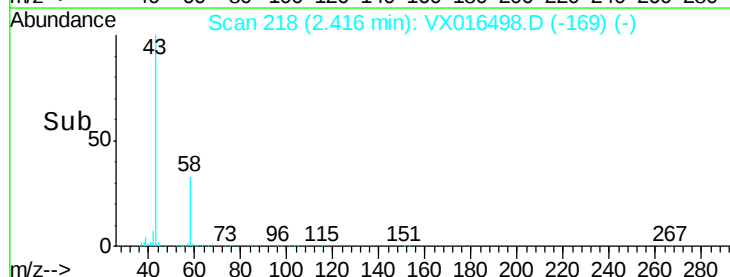
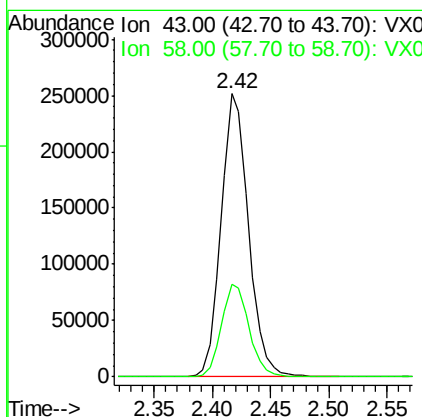
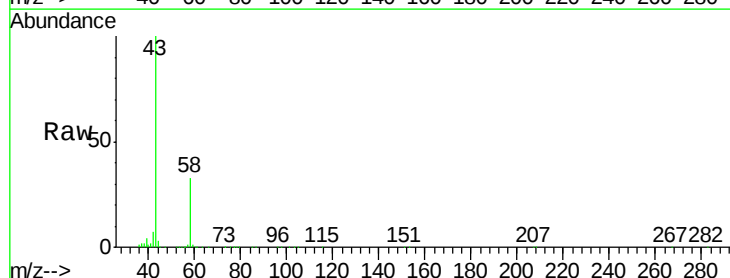
RT: 2.42 min Scan# 218

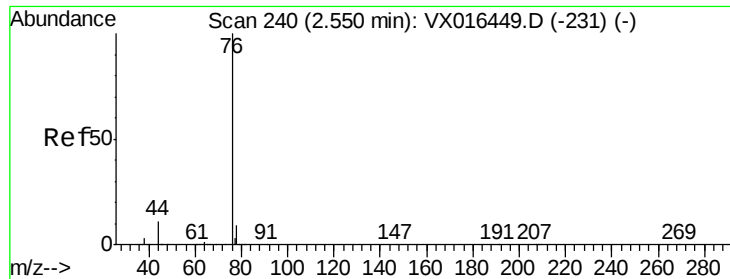
Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Tgt Ion:	43	Resp:	406738
Ion	Ratio	Lower	Upper
43	100		
58	32.9	26.1	39.1





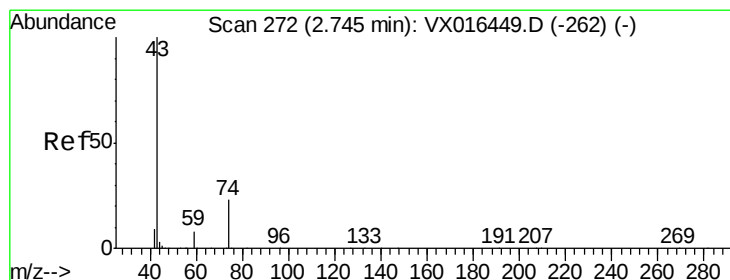
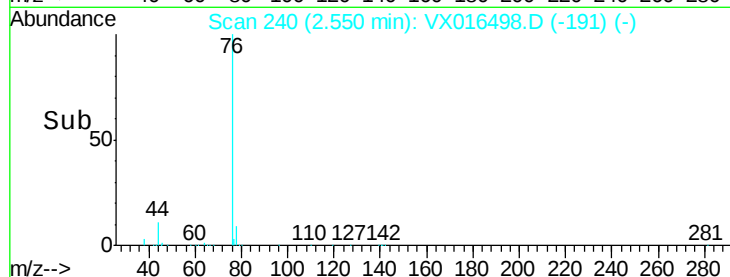
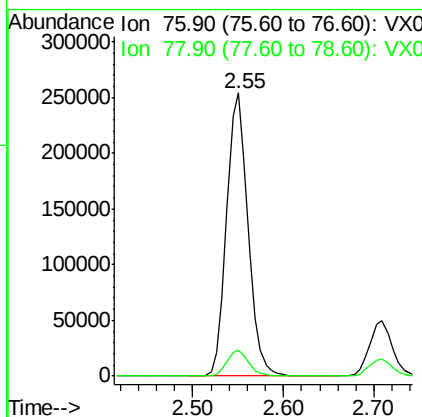
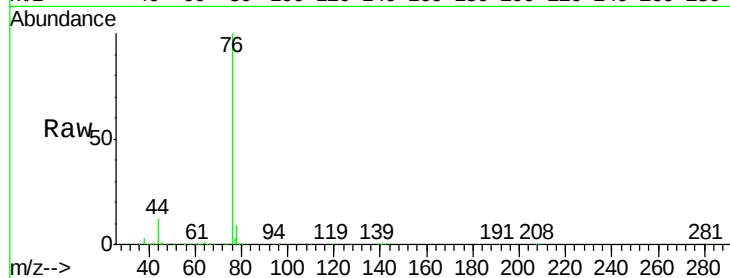
#17
Carbon Disulfide
Concen: 53.921 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

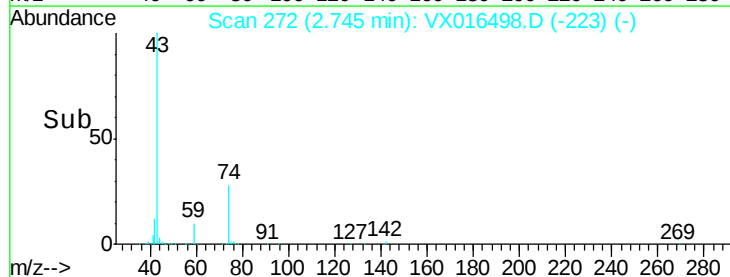
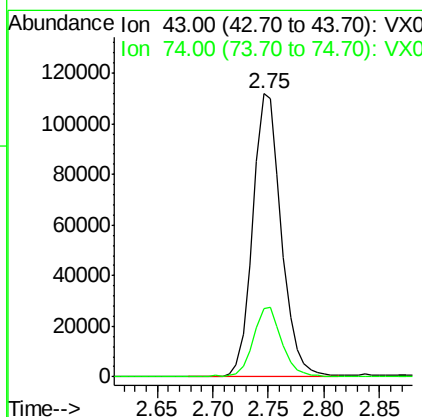
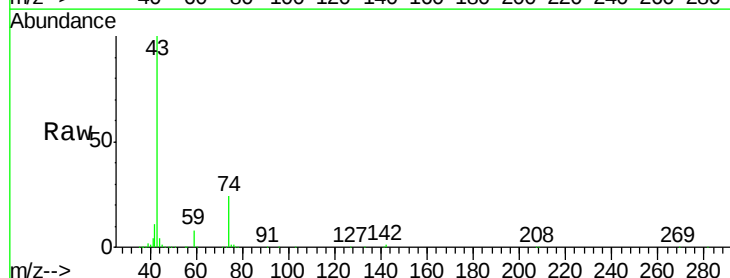
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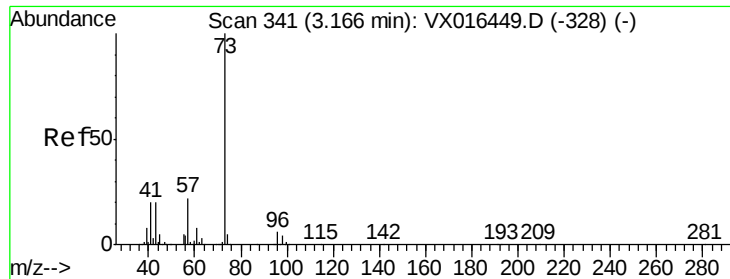
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#18
Methyl Acetate
Concen: 52.833 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.7	29.5





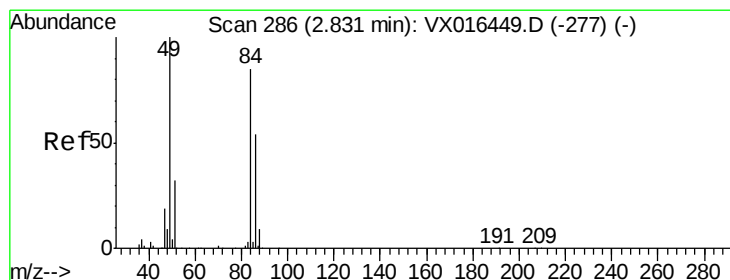
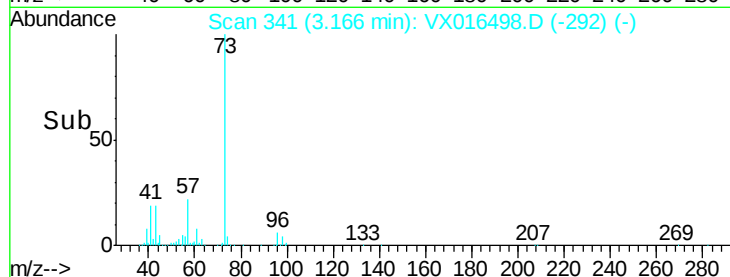
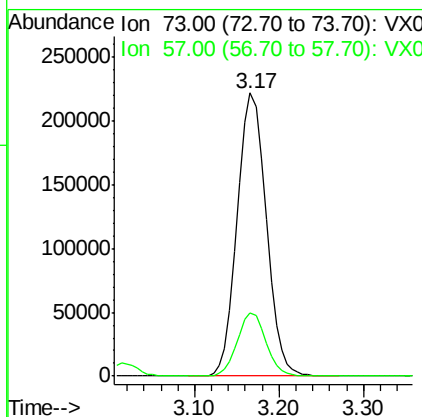
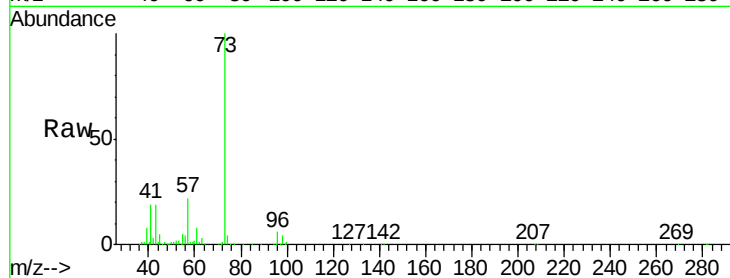
#19
Methvl tert-butvl Ether
Concen: 55.219 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MSD

Tot Ion: 73 Resp: 517619
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.6

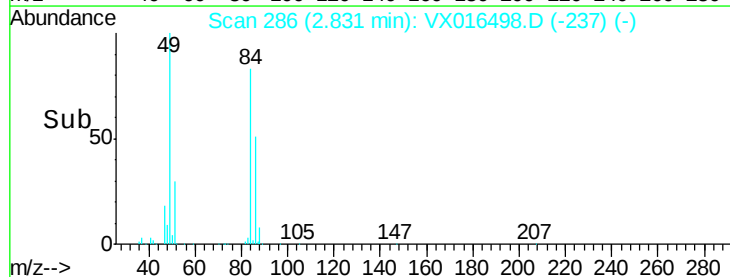
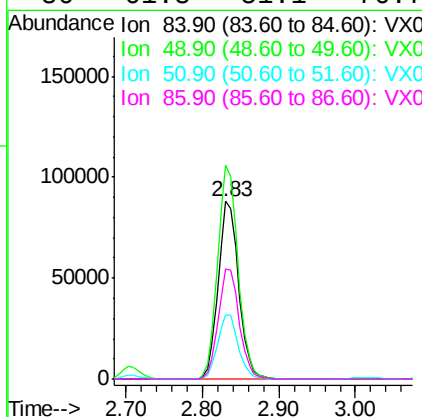
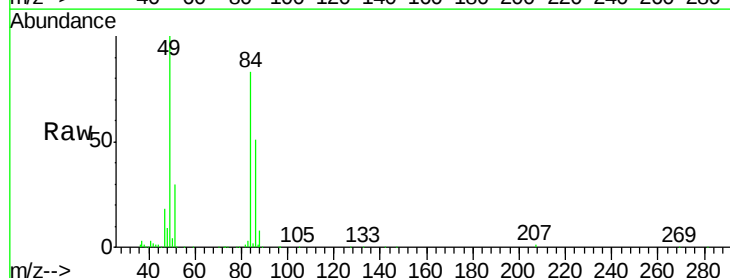
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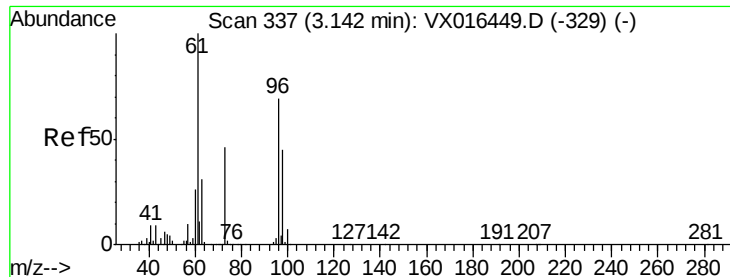
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#20
Methylene Chloride
Concen: 53.316 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Tgt Ion: 84 Resp: 162828
Ion Ratio Lower Upper
84 100
49 120.4 94.5 141.7
51 36.3 30.2 45.4
86 61.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 53.832 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

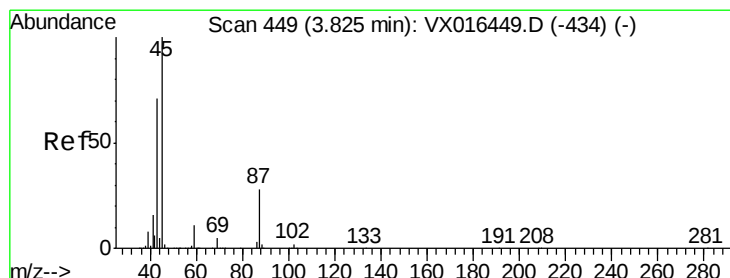
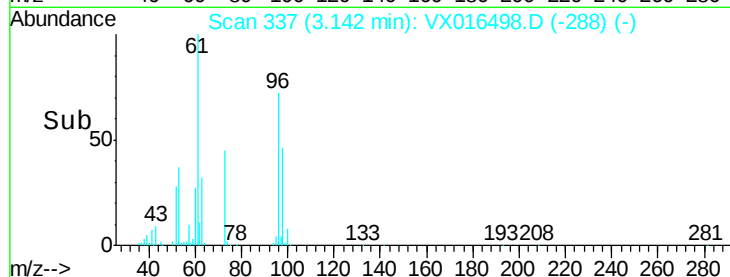
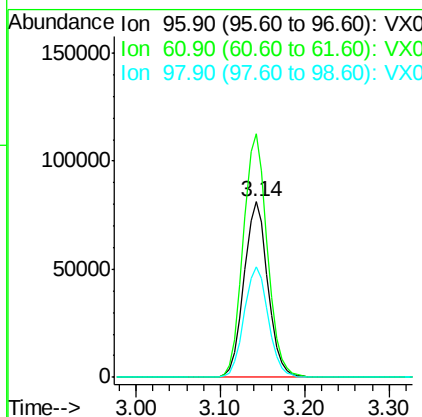
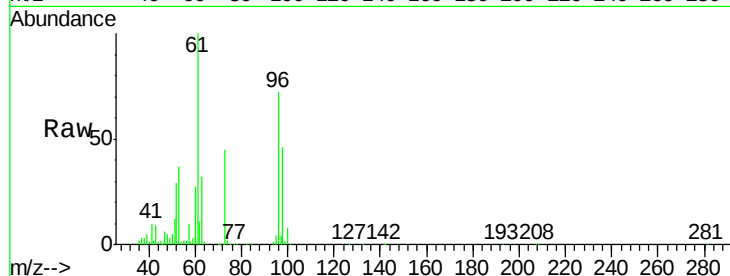
ClientSampleId :

WP022RW358-200526MSD

Tot Ion:	96	Resp:	155438
Ion	Ratio	Lower	Upper
96	100		
61	138.9	115.3	172.9
98	63.4	51.9	77.9

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#22

Diisopropyl ether

Concen: 54.663 ug/l

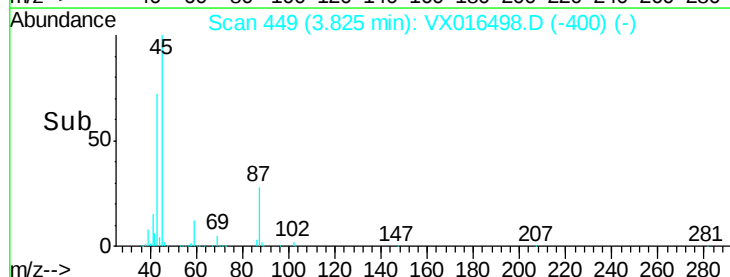
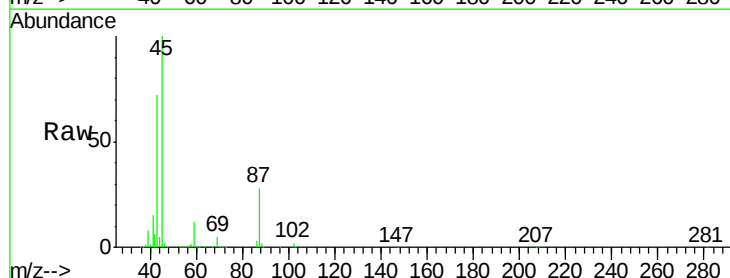
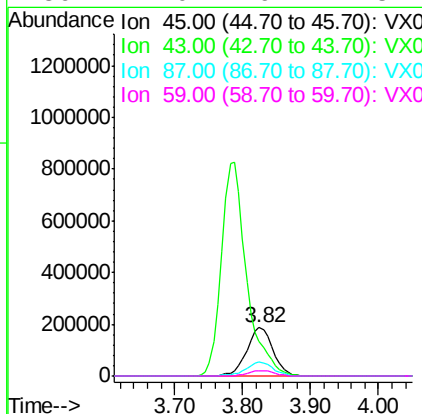
RT: 3.82 min Scan# 449

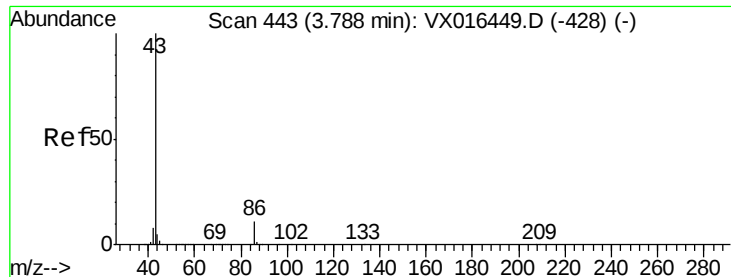
Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Tgt Ion:	45	Resp:	504129
Ion	Ratio	Lower	Upper
45	100		
43	72.1	57.0	85.6
87	28.2	22.5	33.7
59	12.0	9.1	13.7





#23

Vinyl Acetate

Concen: 262.858 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MSD

Tot Ion: 43 Resp: 2121927

Ion Ratio Lower Upper

43 100

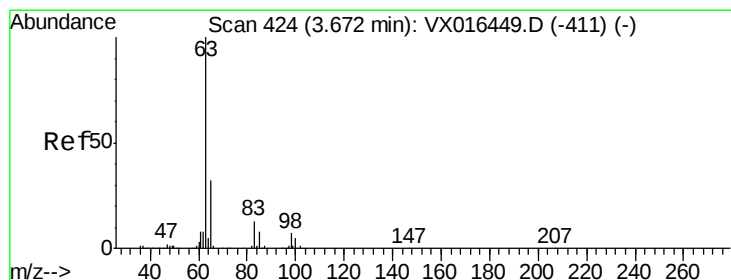
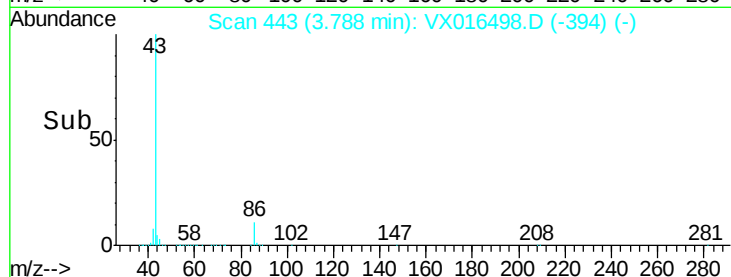
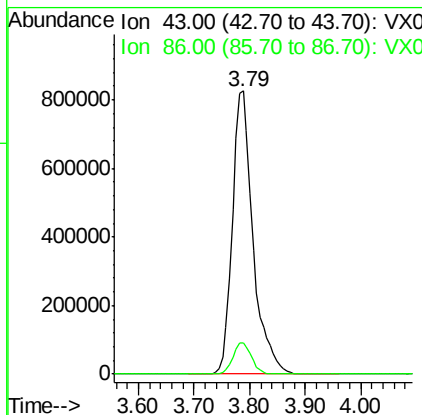
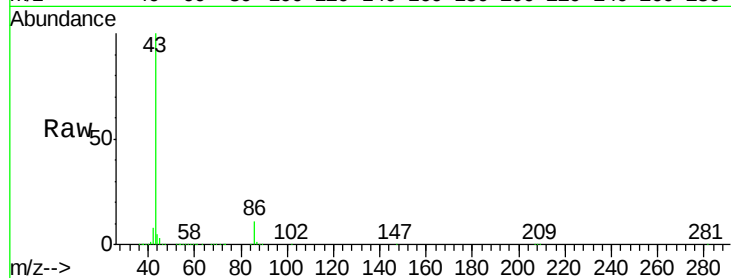
86 11.2 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 55.149 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

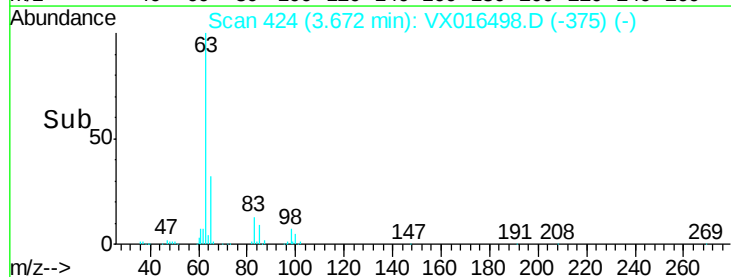
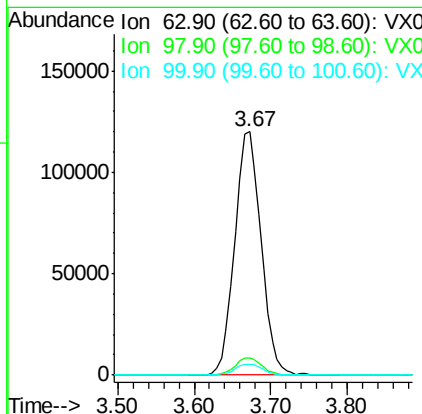
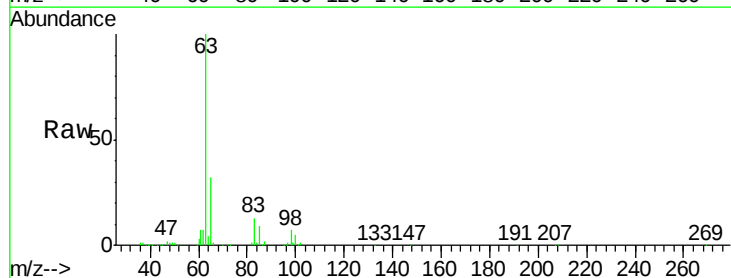
Tgt Ion: 63 Resp: 287072

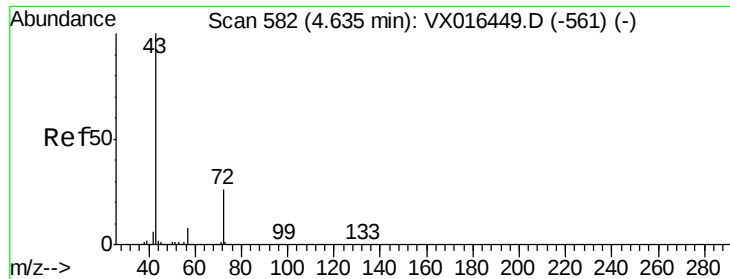
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 280.455 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MSD

Tot Ion: 43 Resp: 701479

Ion Ratio Lower Upper

43 100

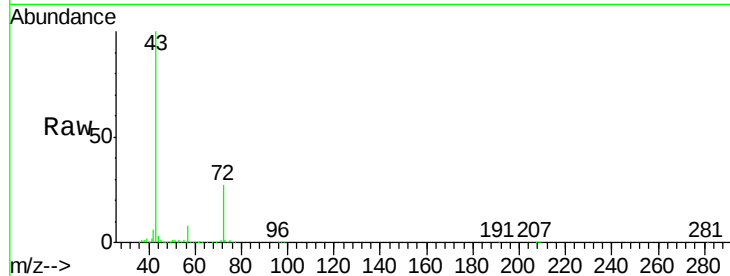
72 27.0 21.0 31.6

Manual Integrations

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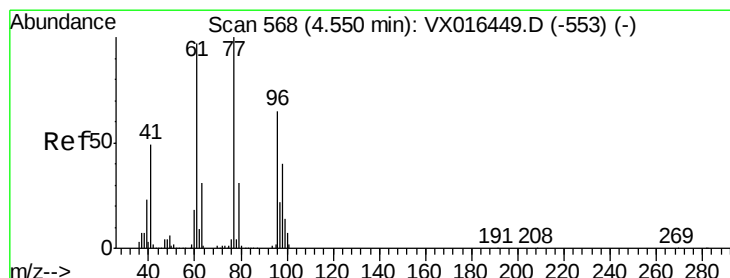
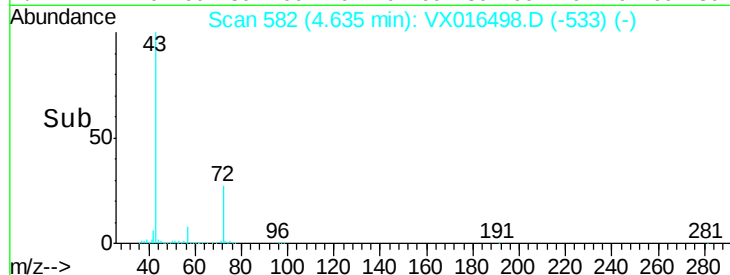
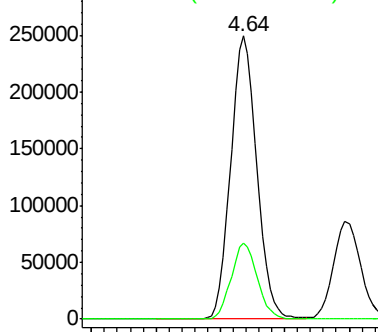
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.595 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016498.D

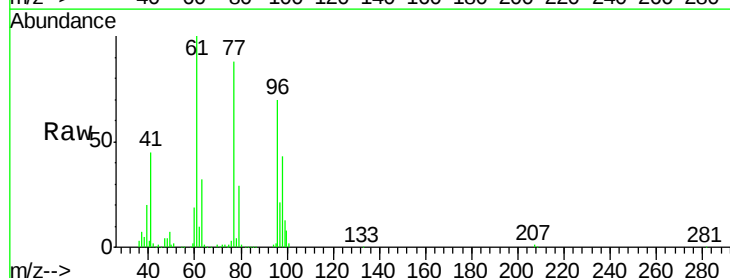
Acq: 28 May 2020 20:05

Tgt Ion: 77 Resp: 189950

Ion Ratio Lower Upper

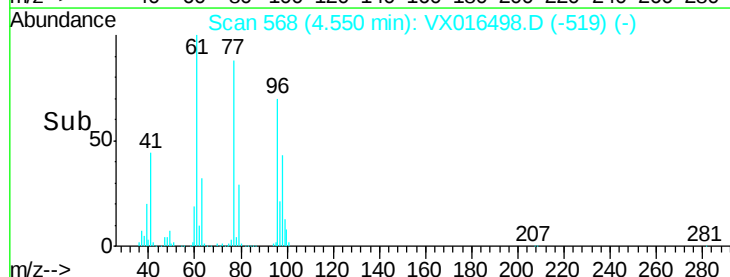
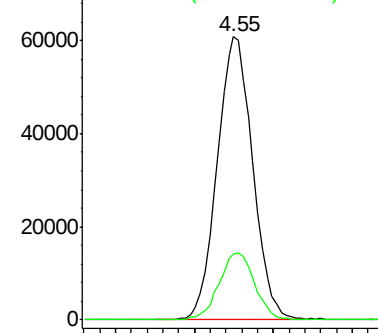
77 100

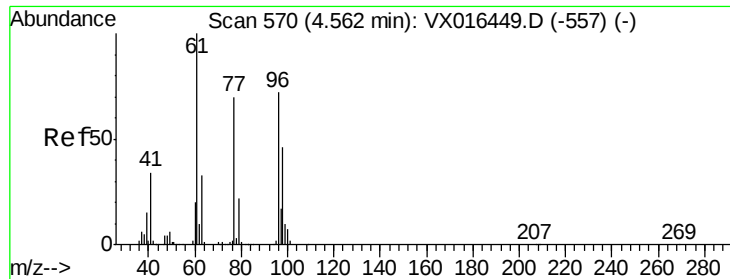
97 23.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 54.204 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

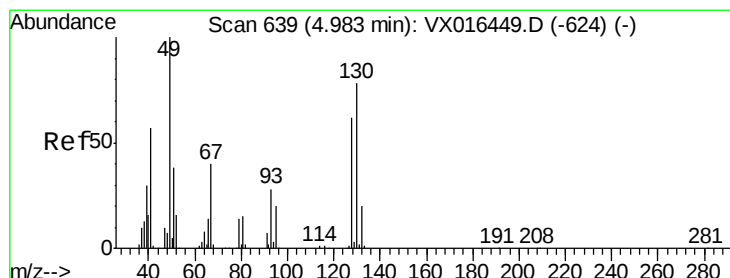
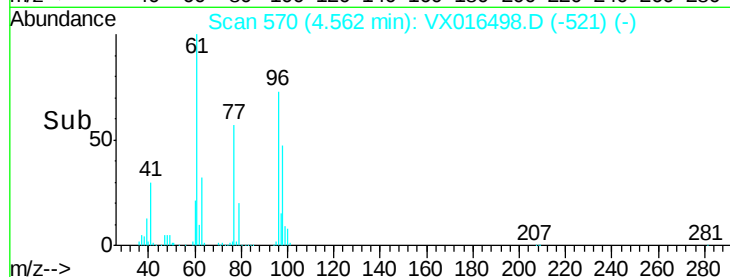
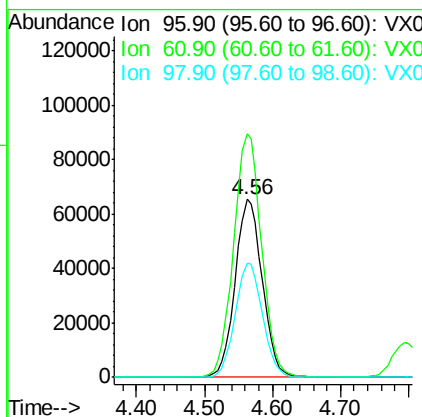
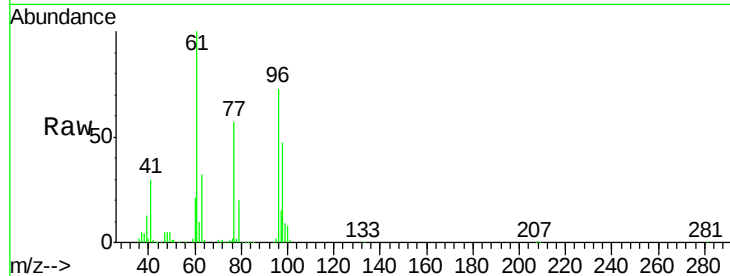
ClientSampleId :

WP022RW358-200526MSD

Tot Ion:	96	Resp:	181065
Ion Ratio	Lower	Upper	
96	100		
61	141.7	0.0	284.6
98	64.6	0.0	127.2

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#28

Bromochloromethane

Concen: 51.956 ug/l

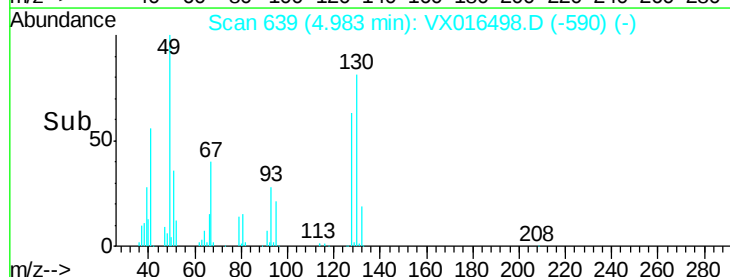
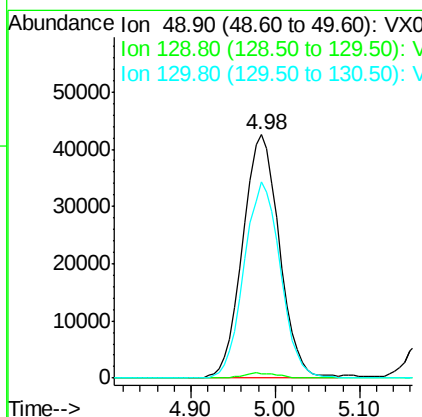
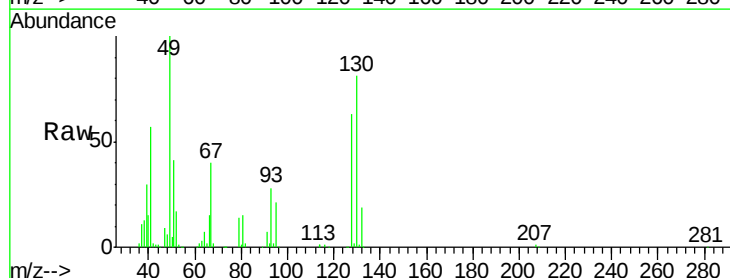
RT: 4.98 min Scan# 639

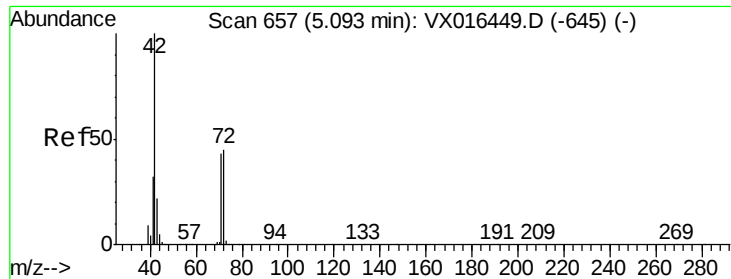
Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Tgt Ion:	49	Resp:	125679
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.0
130	80.2	63.0	94.4





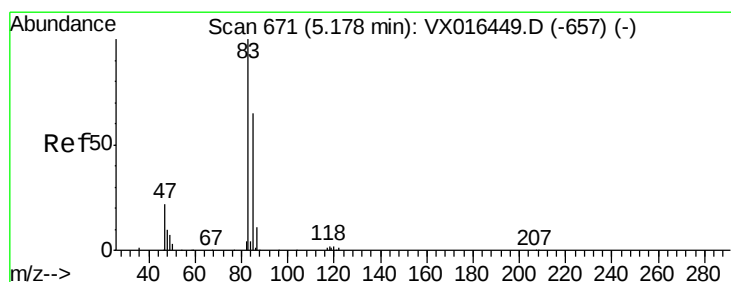
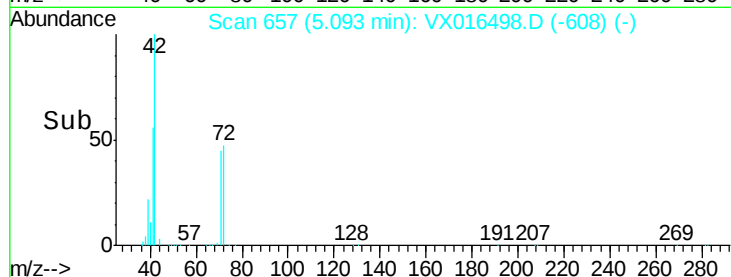
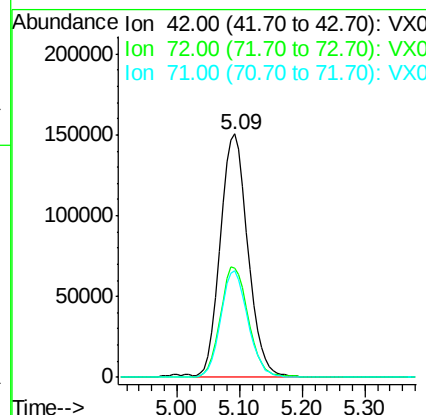
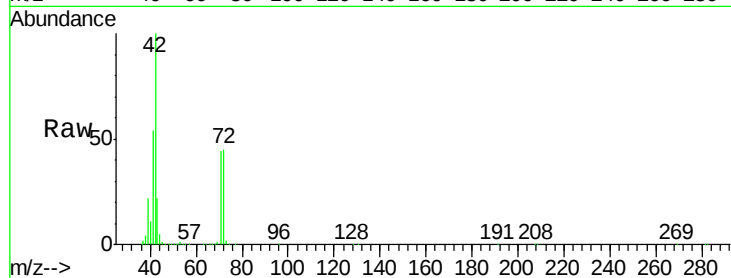
#29
Tetrahydrofuran
Concen: 283.876 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	37.0	55.4
71	43.1	34.1	51.1

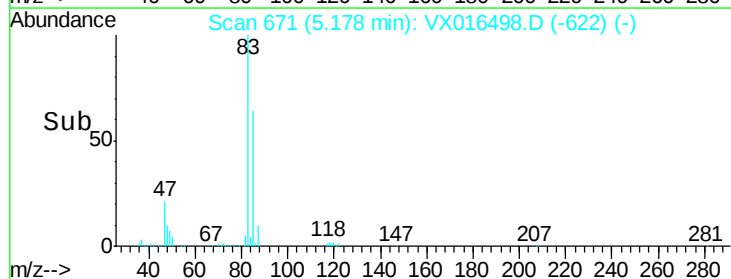
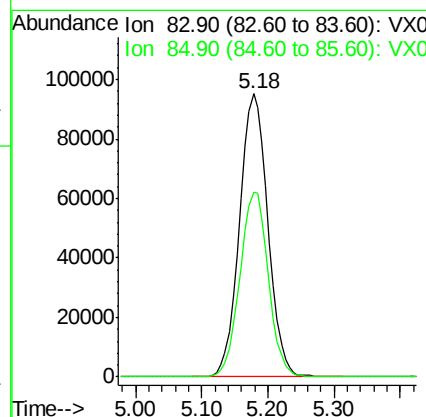
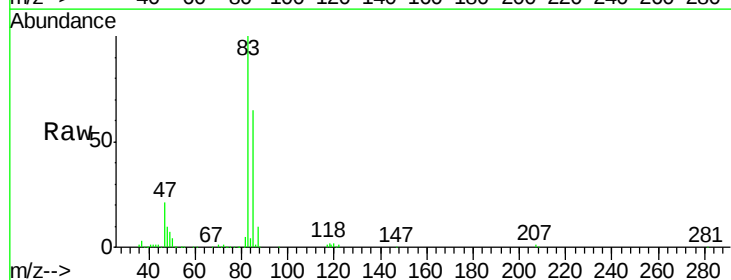
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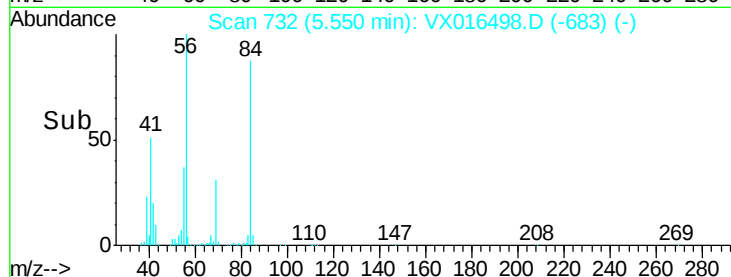
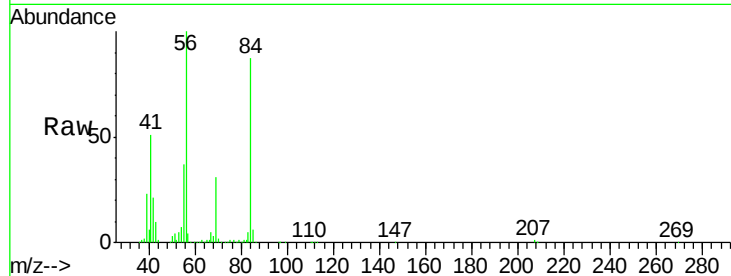
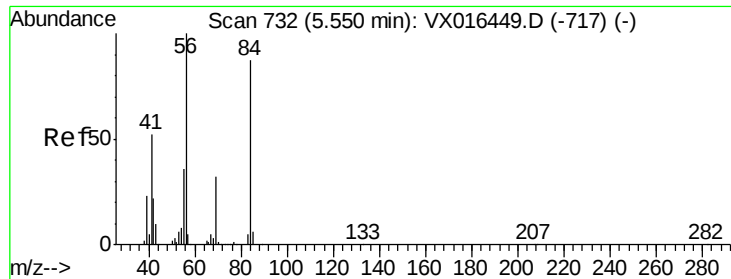
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#30
Chloroform
Concen: 53.941 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.0	78.0





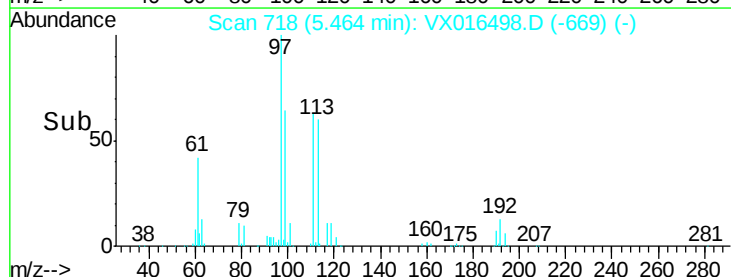
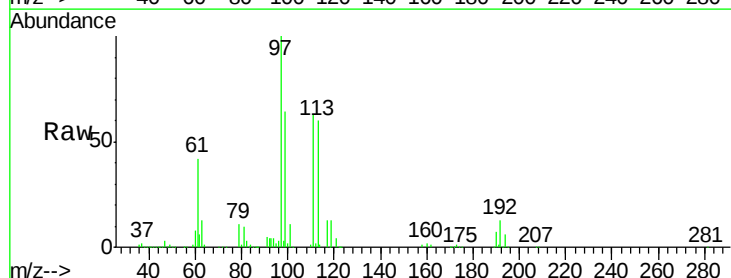
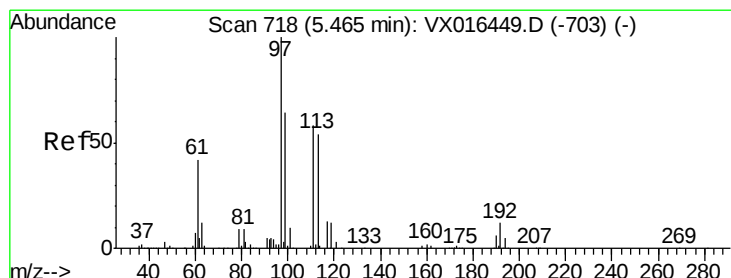
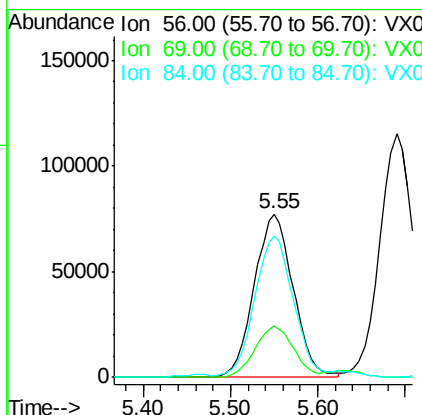
#31
Cvclohexane
Concen: 50.973 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.3	25.7	38.5	
84	85.5	70.0	105.0	

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MSD

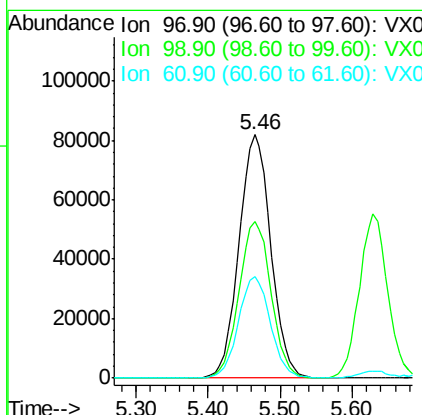
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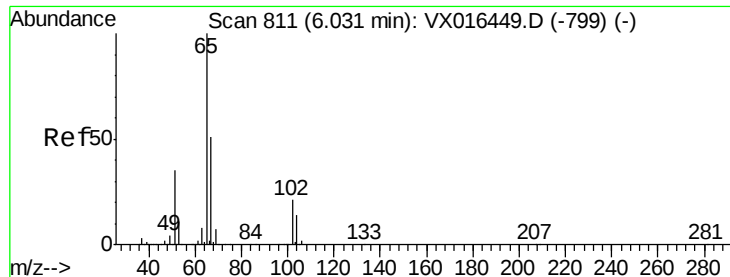
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#32
1,1,1-Trichloroethane
Concen: 52.936 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.8	51.4	77.2	
61	41.8	33.5	50.3	





#33

1,2-Dichloroethane-d4

Concen: 54.526 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MSD

Tot Ion: 65 Resp: 183709

Ion Ratio Lower Upper

65 100

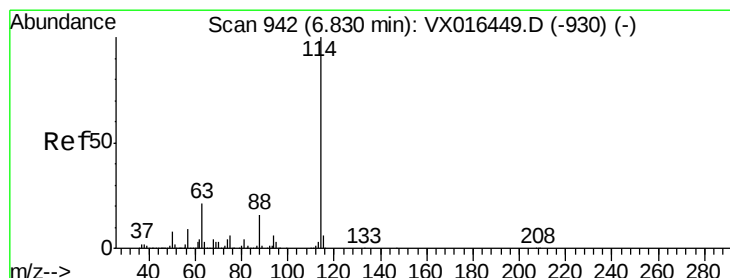
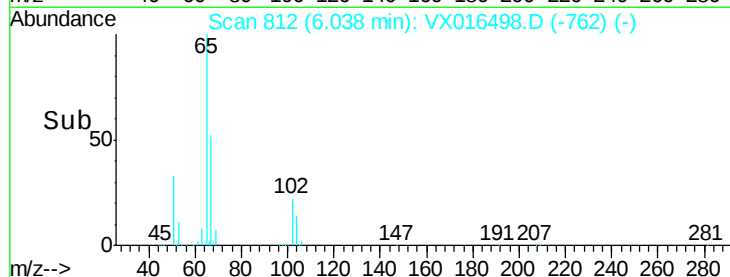
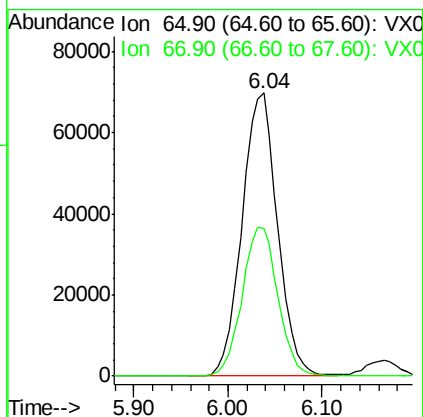
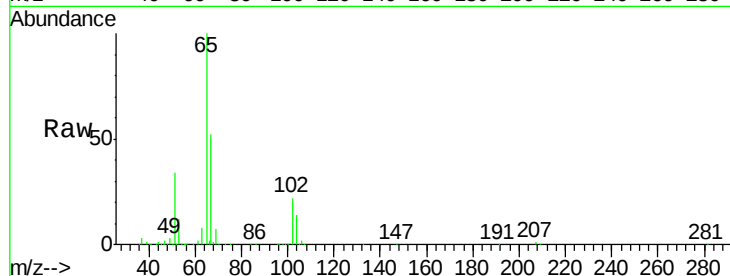
67 53.3 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

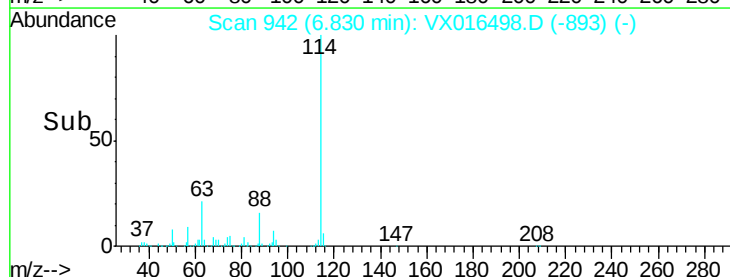
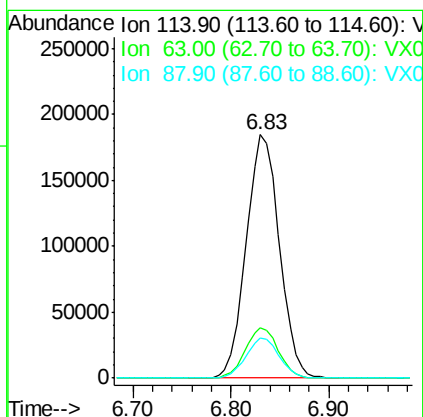
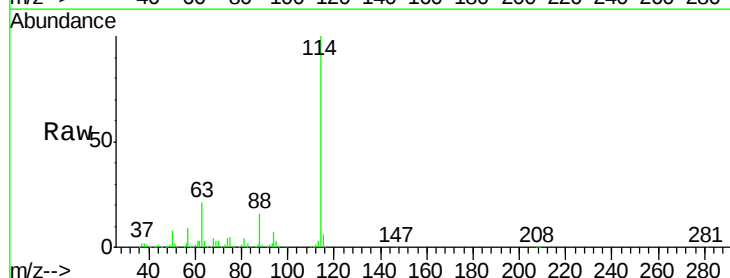
Tgt Ion: 114 Resp: 435674

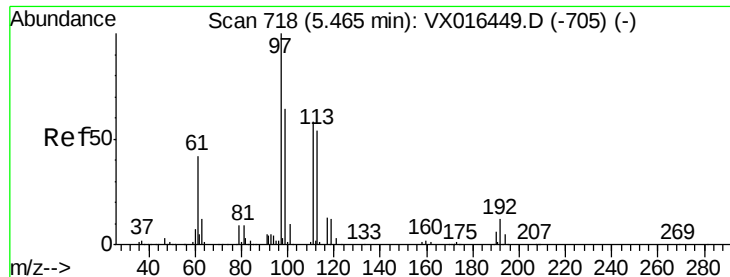
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 16.3 0.0 32.8





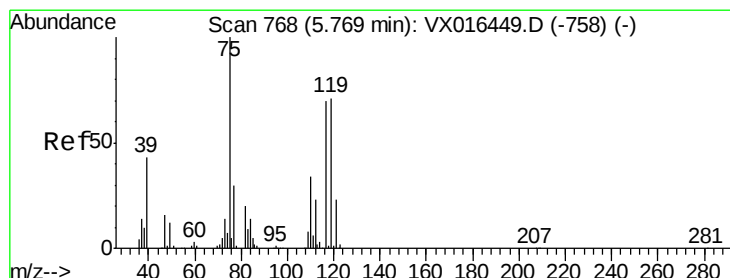
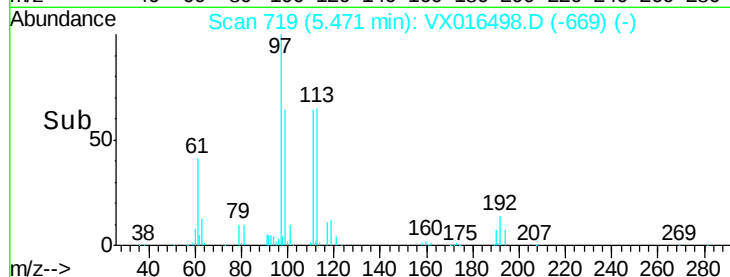
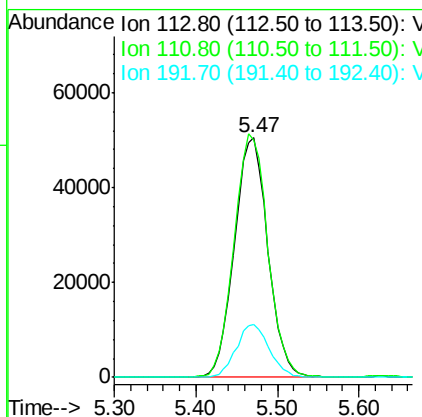
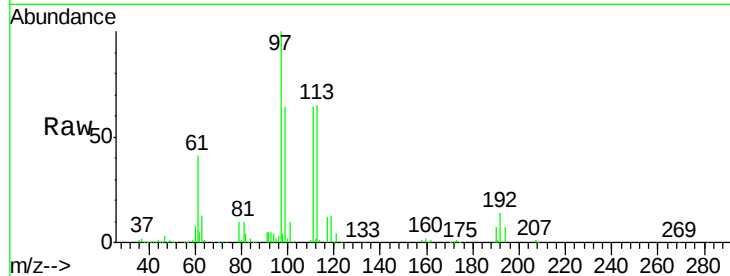
#35
Dibromofluoromethane
Concen: 53.491 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	143498		
111	102.6	83.0	124.6	
192	21.9	17.7	26.5	

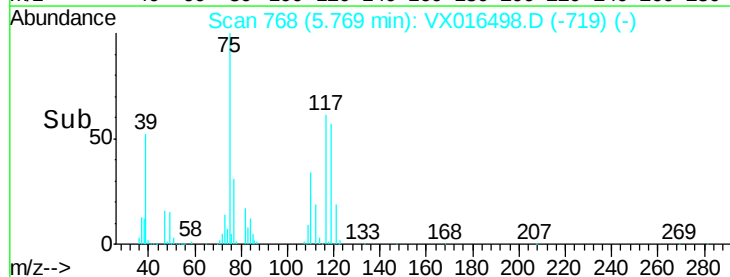
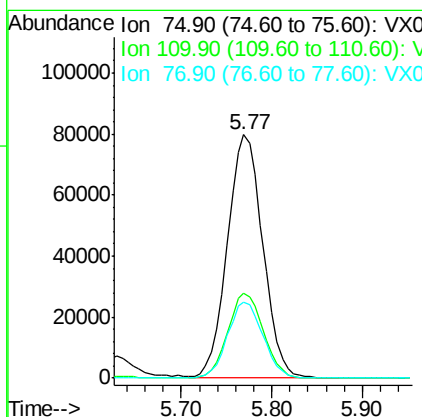
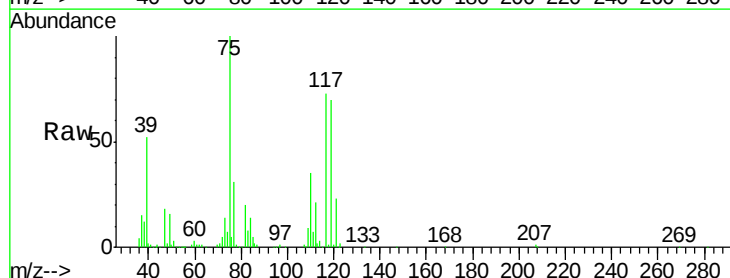
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#36
1,1-Dichloropropene
Concen: 52.221 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	215414		
110	35.2	17.4	52.3	
77	31.3	24.2	36.4	





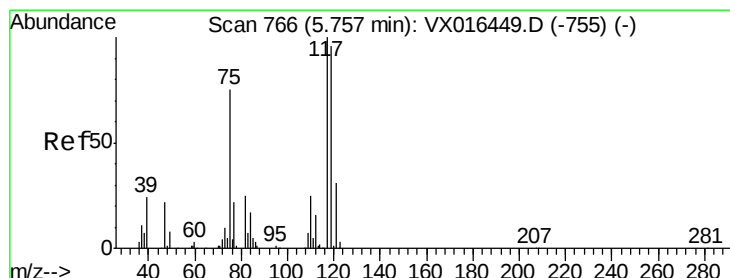
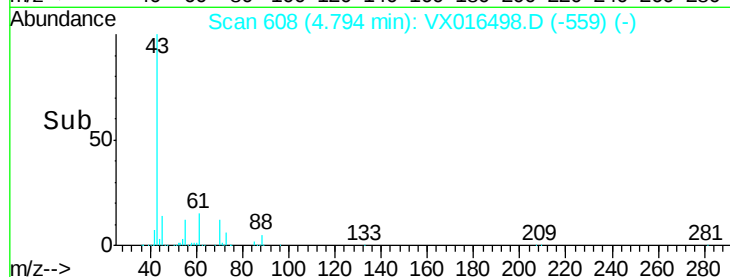
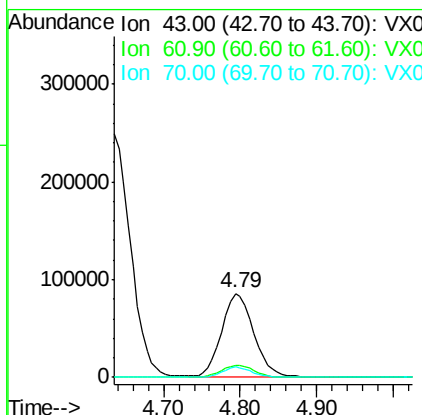
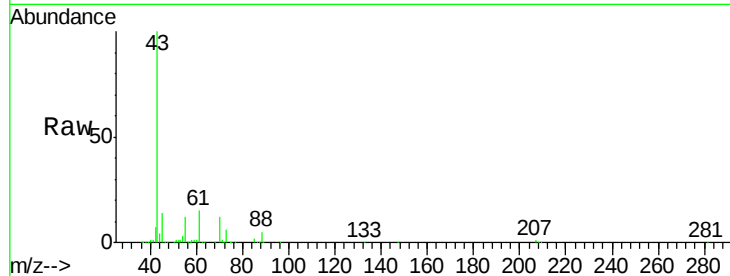
#37
Ethyl Acetate
Concen: 50.132 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.3	16.9
70	11.7	9.3	13.9

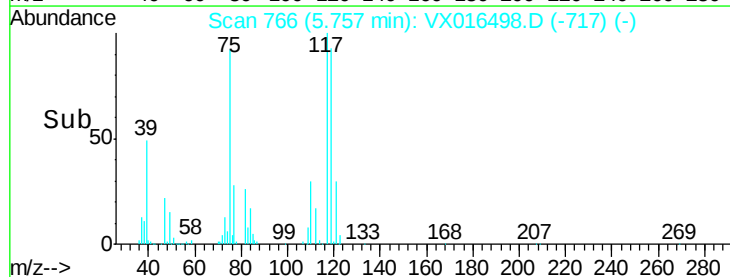
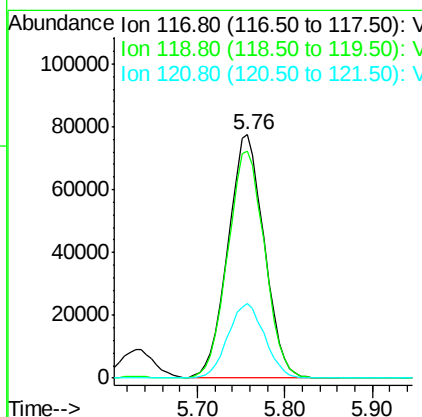
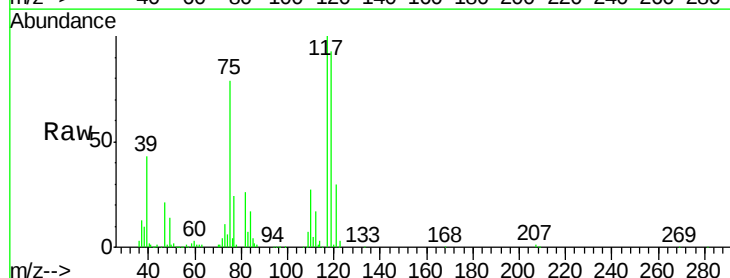
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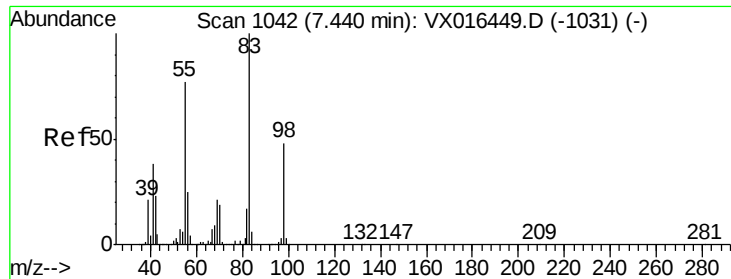
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#38
Carbon Tetrachloride
Concen: 51.513 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.3	114.5
121	30.4	24.6	37.0





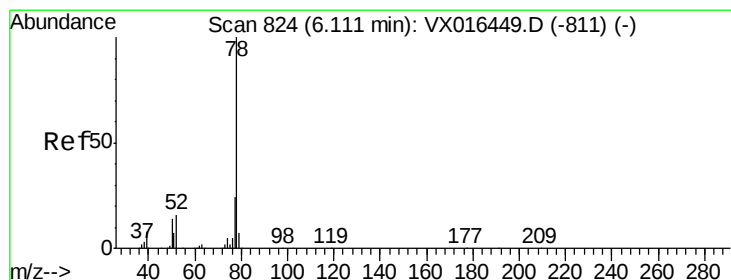
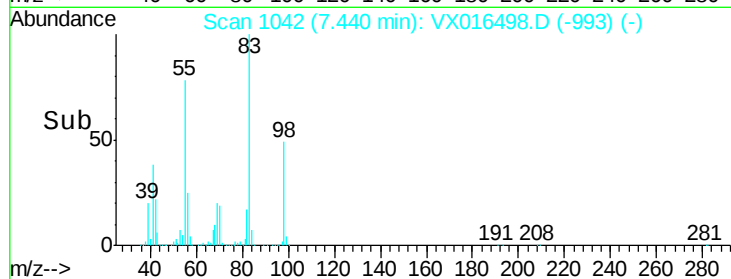
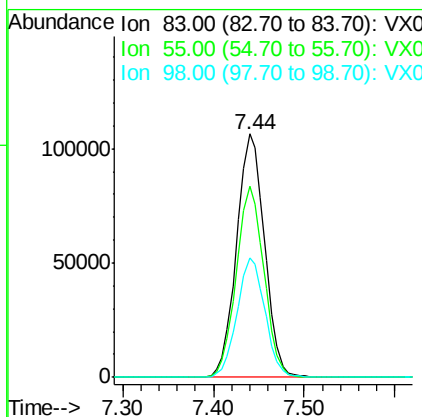
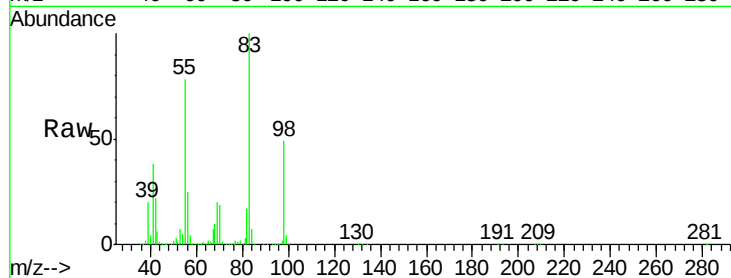
#39
Methvlcvclohexane
Concen: 50.814 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	61.7	92.5
98	49.1	38.7	58.1

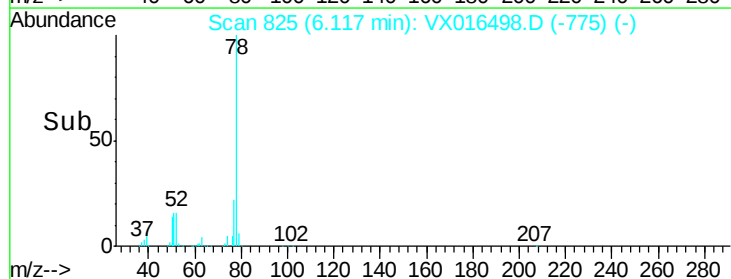
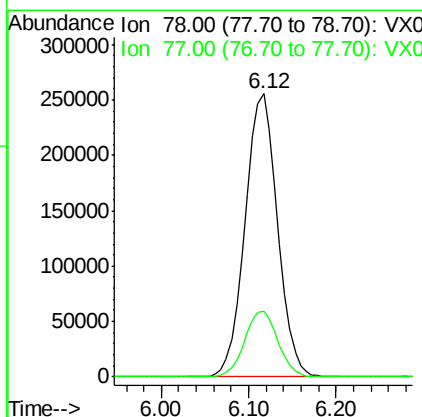
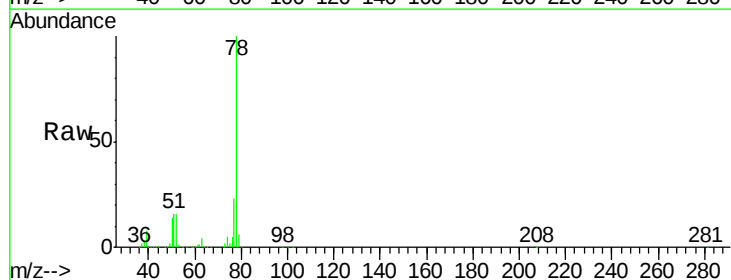
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#40
Benzene
Concen: 53.525 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.9	28.3





#41

Methacrylonitrile

Concen: 53.824 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

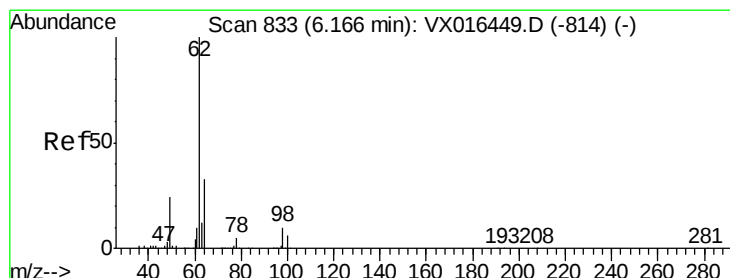
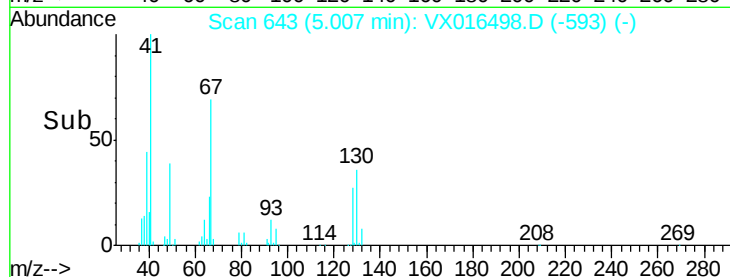
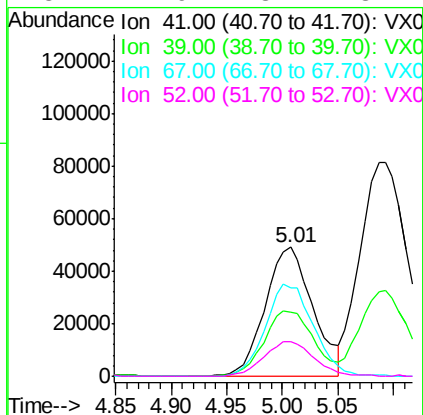
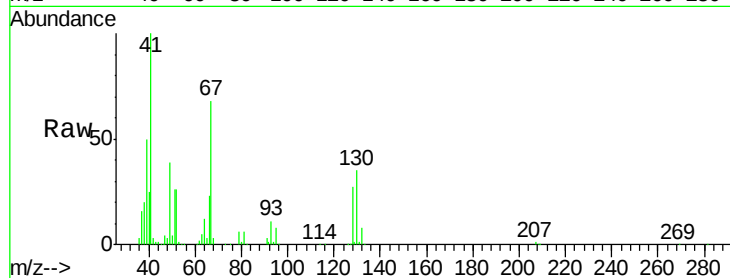
ClientSampleId :

WP022RW358-200526MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	43.0	64.4	
67	71.9	58.9	88.3	
52	27.9	23.1	34.7	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 52.259 ug/l

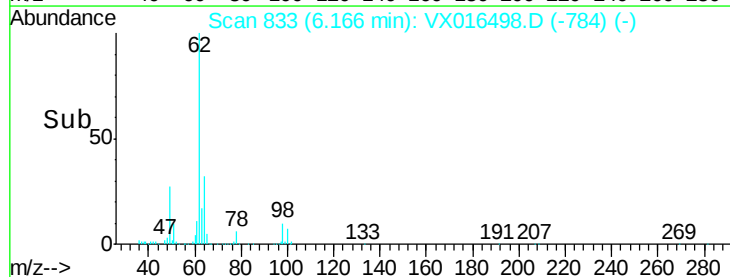
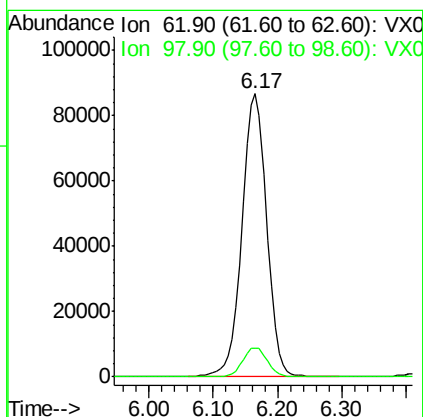
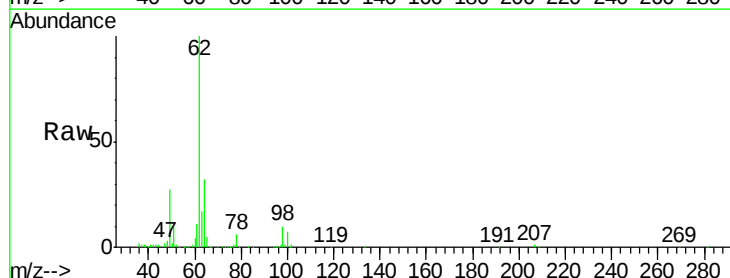
RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	19.8	





#43

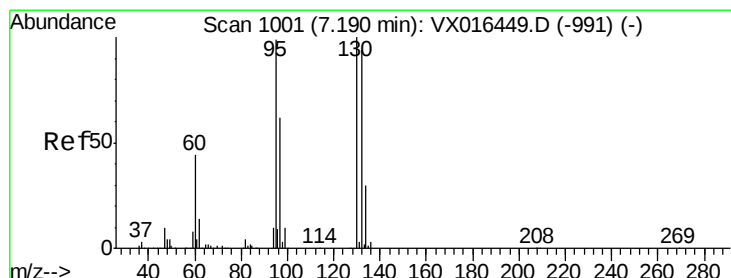
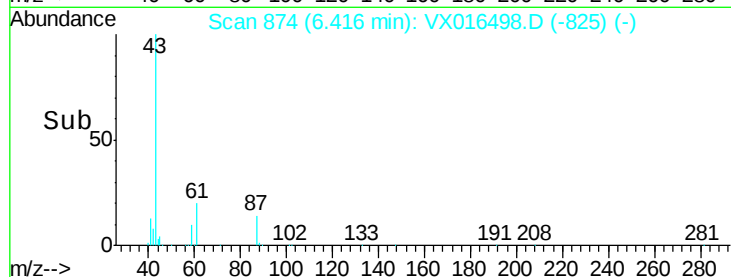
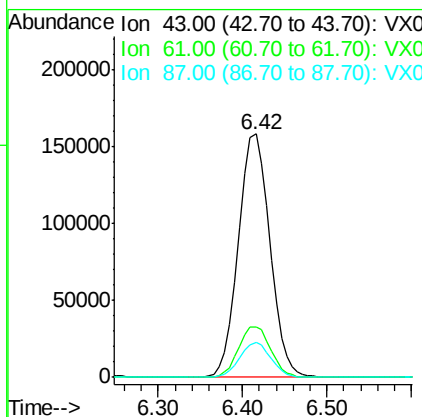
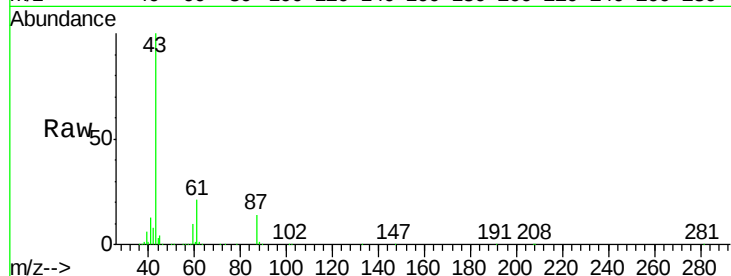
Isopropyl Acetate
 Concen: 51.812 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016498.D
 Acq: 28 May 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.8	25.2
87	14.2	11.2	16.8

Manual Integrations
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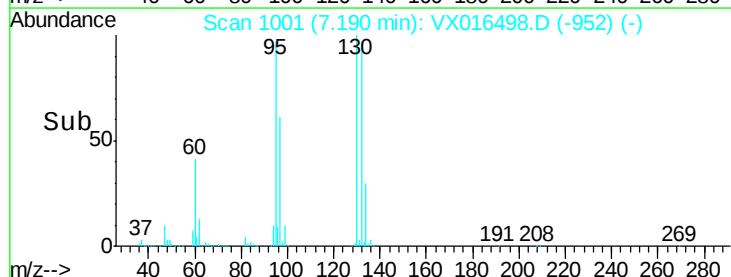
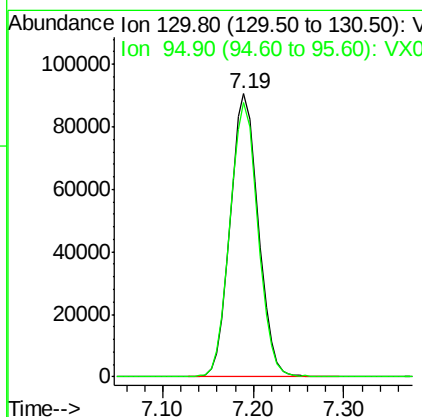
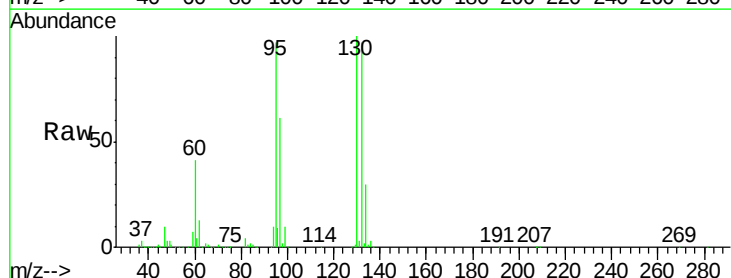
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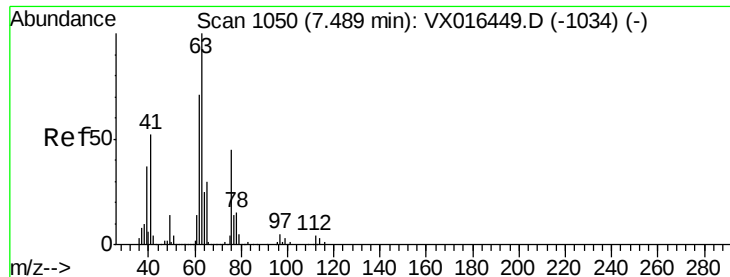


#44

Trichloroethene
 Concen: 50.045 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016498.D
 Acq: 28 May 2020 20:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	198.2





#45

1,2-Dichloropropane

Concen: 53.952 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MSD

Tot Ion: 63 Resp: 168721

Ion Ratio Lower Upper

63 100

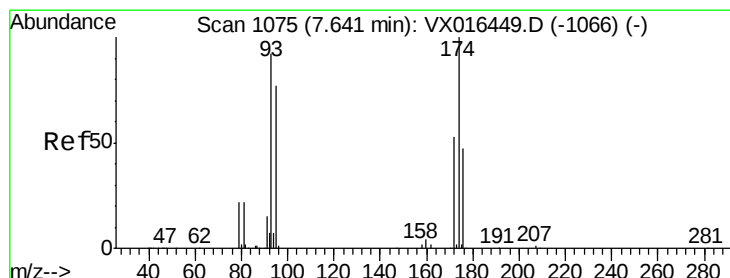
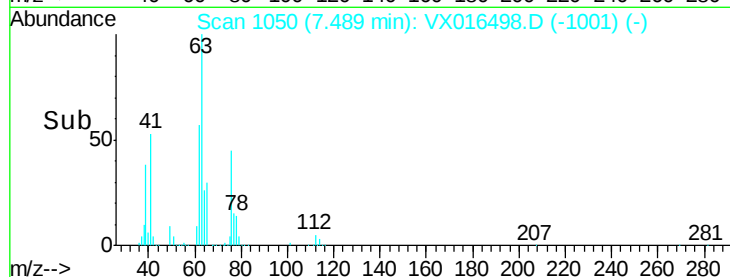
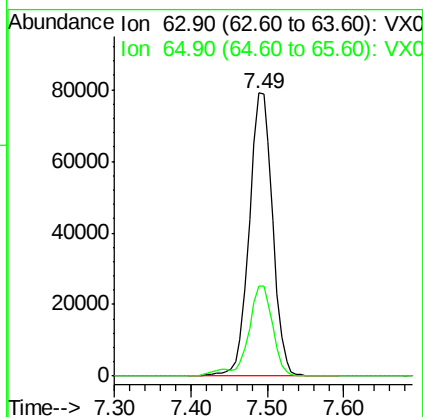
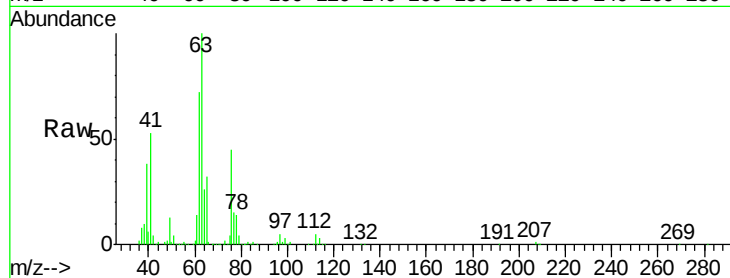
65 31.6 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 52.780 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

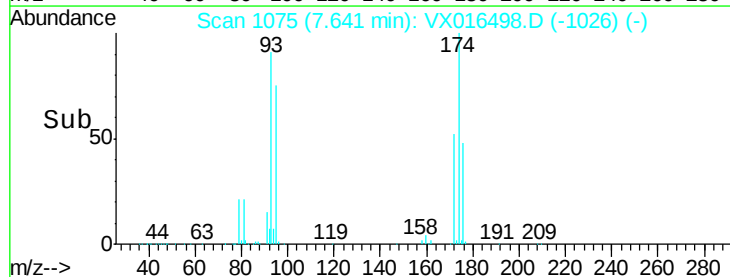
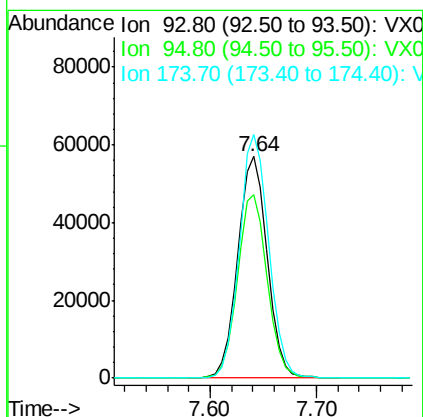
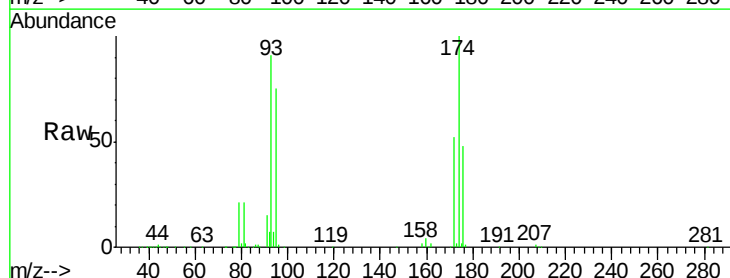
Tgt Ion: 93 Resp: 110864

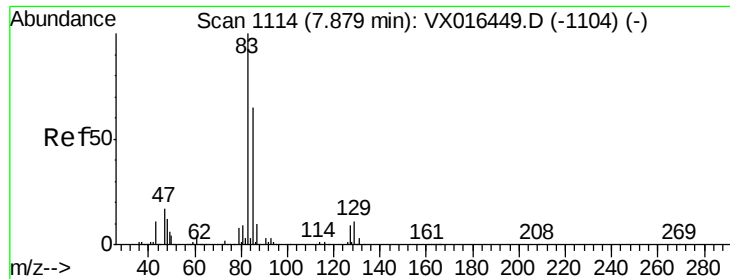
Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

174 109.5 86.2 129.4





#47

Bromodichloromethane

Concen: 53.129 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

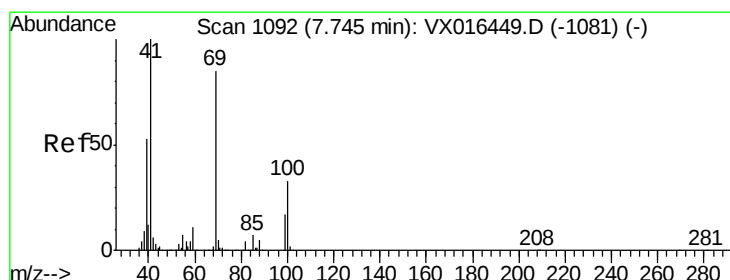
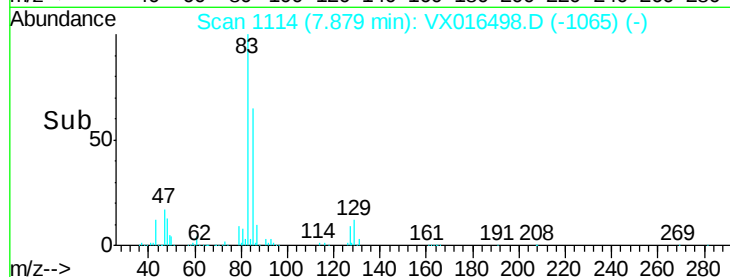
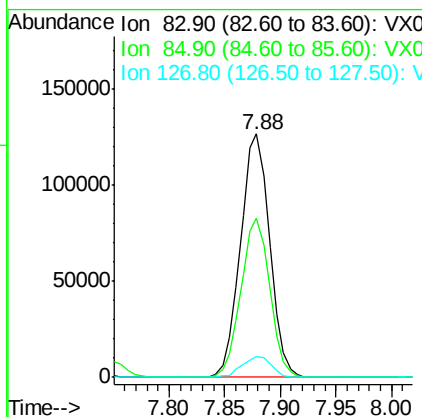
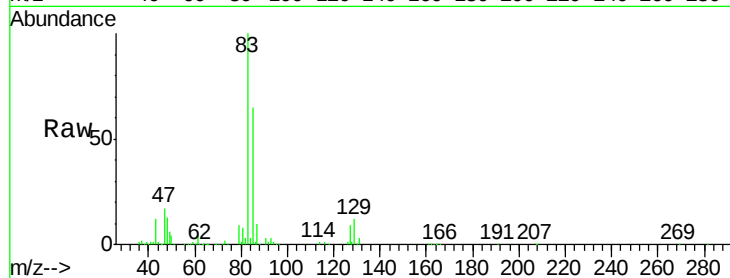
ClientSampleId :

WP022RW358-200526MSD

Tot Ion:	83	Resp:	231067
Ion Ratio	Lower	Upper	
83	100		
85	65.4	52.0	78.0
127	8.7	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.707 ug/l

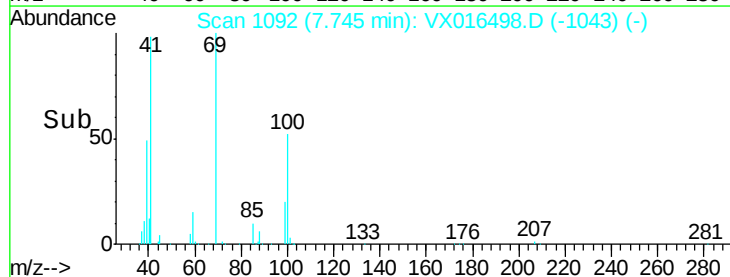
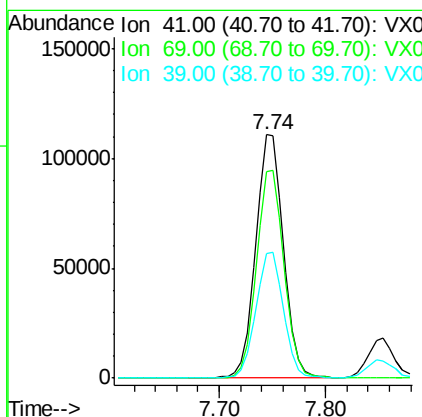
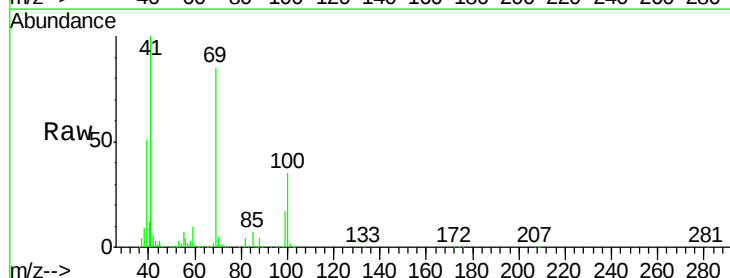
RT: 7.74 min Scan# 1092

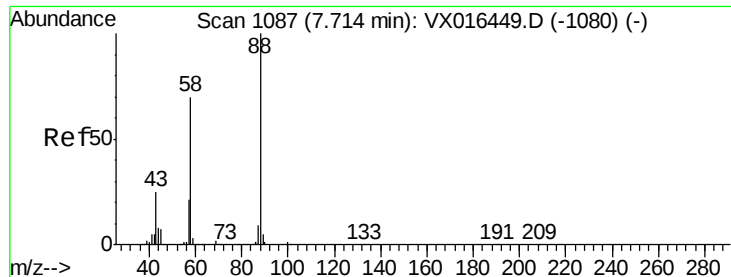
Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Tgt Ion:	41	Resp:	202343
Ion Ratio	Lower	Upper	
41	100		
69	85.2	68.6	102.8
39	51.5	42.4	63.6





#49

1,4-Dioxane

Concen: 985.000 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

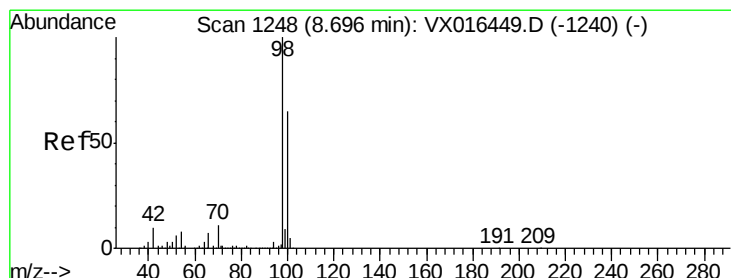
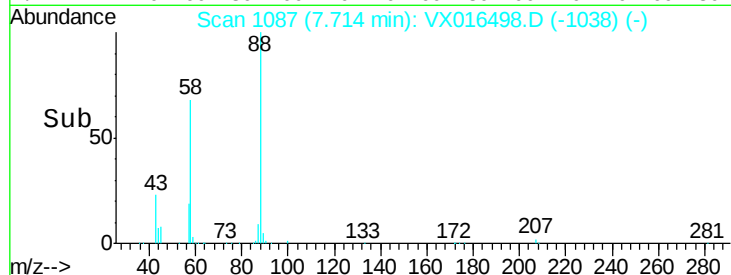
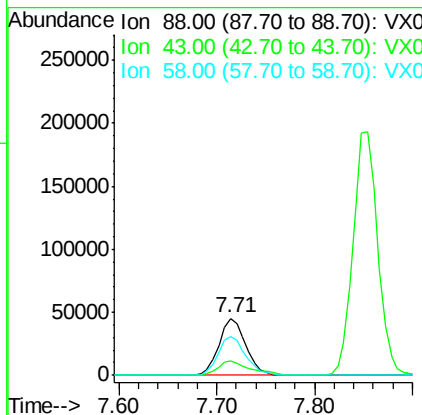
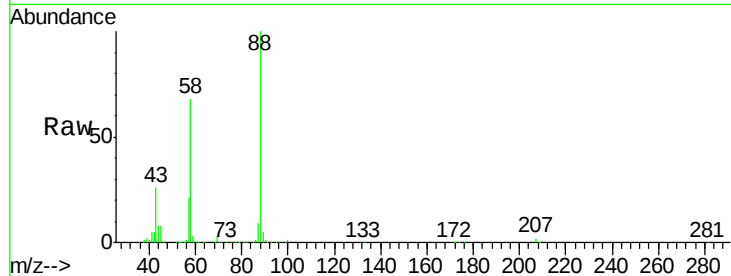
ClientSampleId :

WP022RW358-200526MSD

Tot Ion:	88	Resp:	85260
Ion	Ratio	Lower	Upper
88	100		
43	30.4	24.2	36.4
58	70.7	56.5	84.7

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#50

Toluene-d8

Concen: 54.403 ug/l

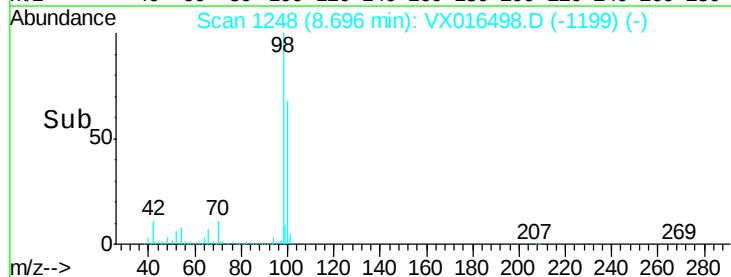
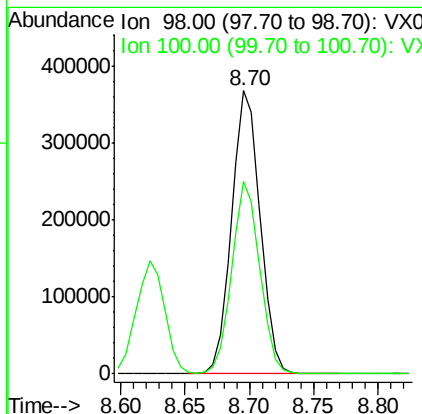
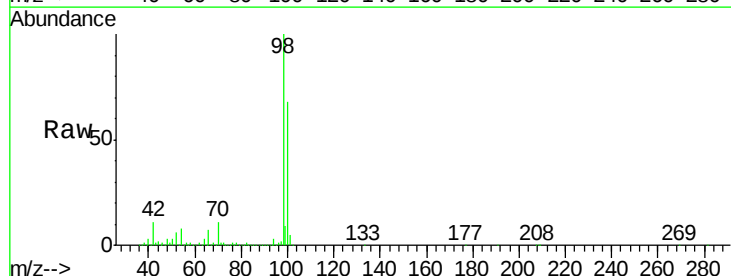
RT: 8.70 min Scan# 1248

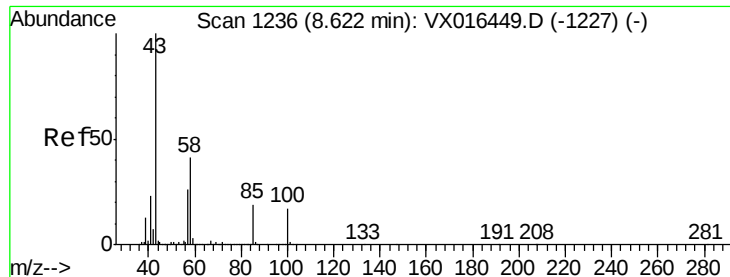
Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Tgt Ion:	98	Resp:	568044
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 275.530 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MSD

Tot Ion: 43 Resp: 1325296

Ion Ratio Lower Upper

43 100

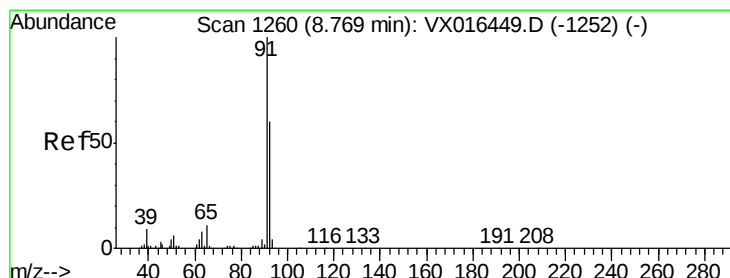
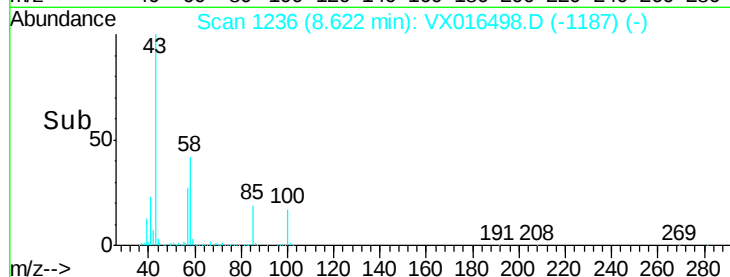
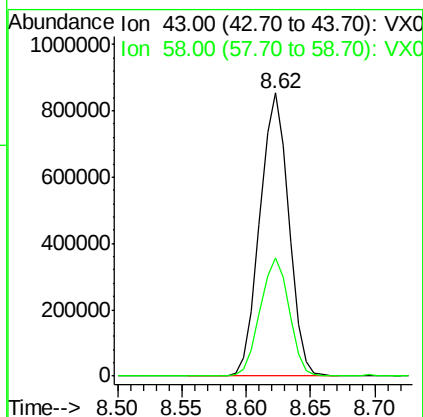
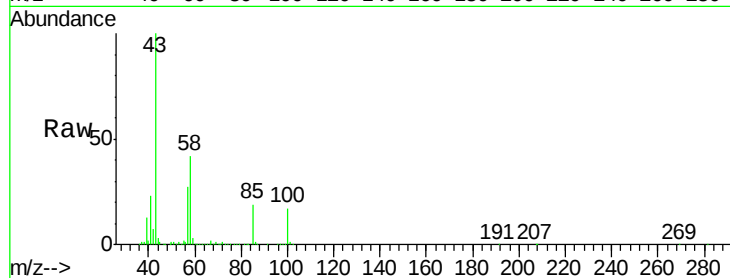
58 41.8 33.0 49.6

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#52

Toluene

Concen: 53.349 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016498.D

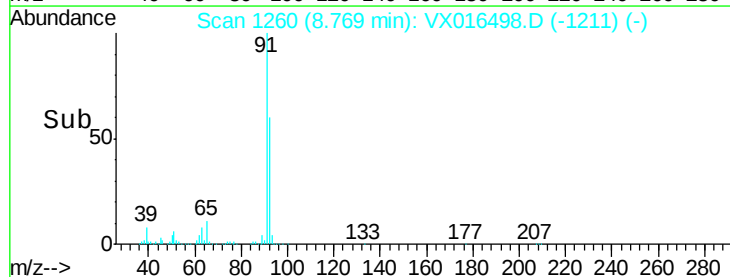
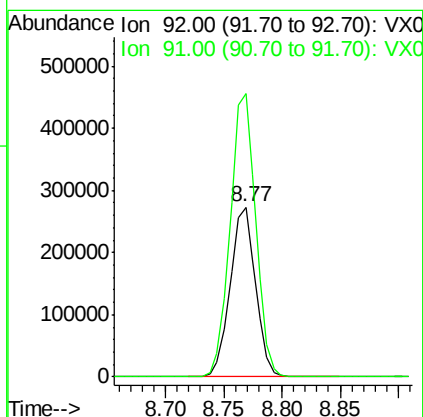
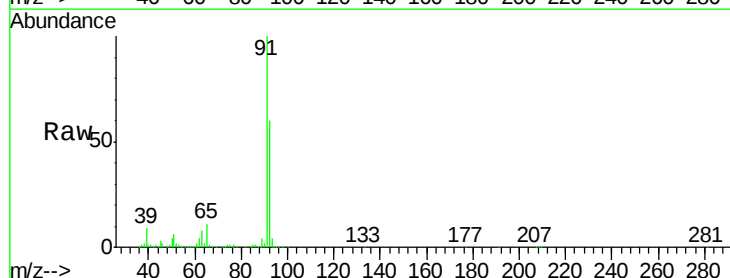
Acq: 28 May 2020 20:05

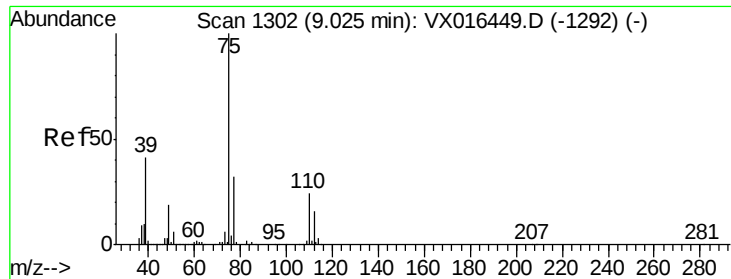
Tgt Ion: 92 Resp: 413253

Ion Ratio Lower Upper

92 100

91 168.8 135.0 202.4





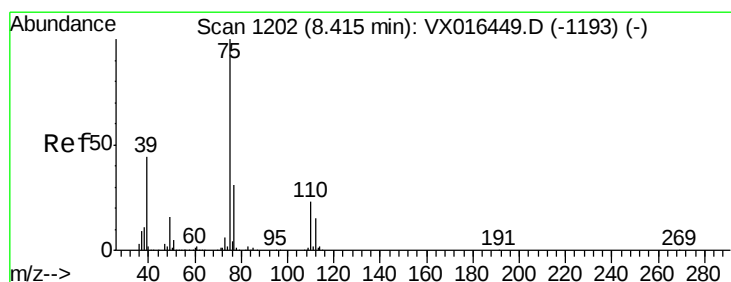
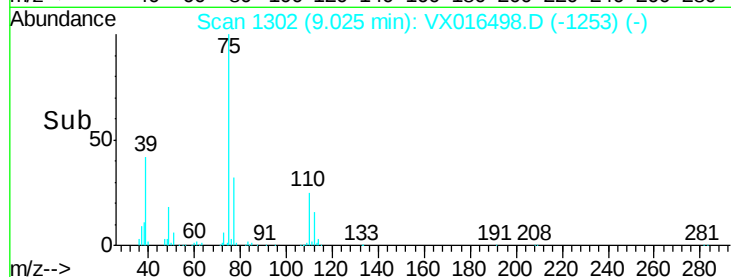
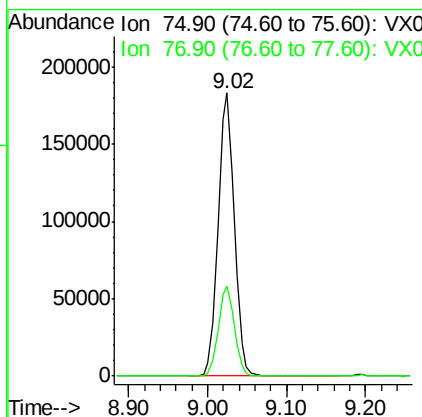
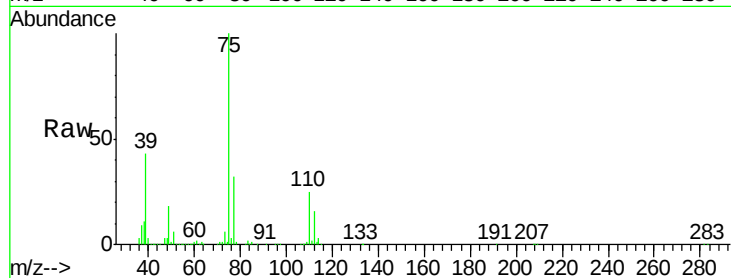
#53
t-1,3-Dichloropropene
Concen: 53.047 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3

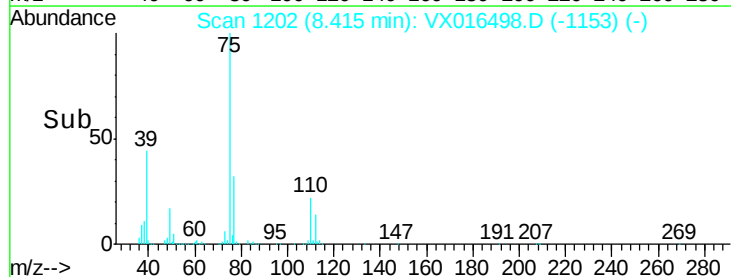
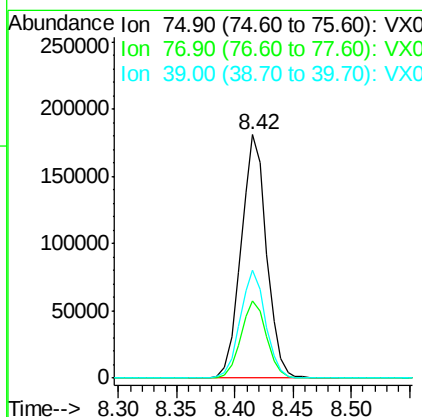
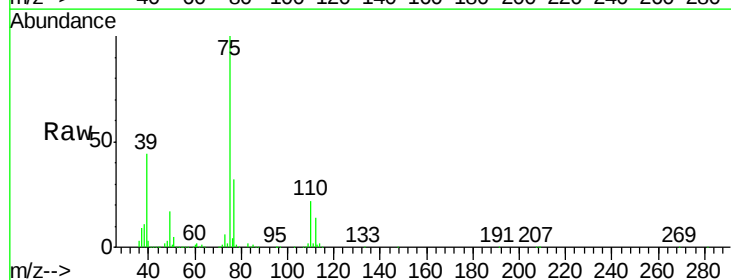
Manual Integrations
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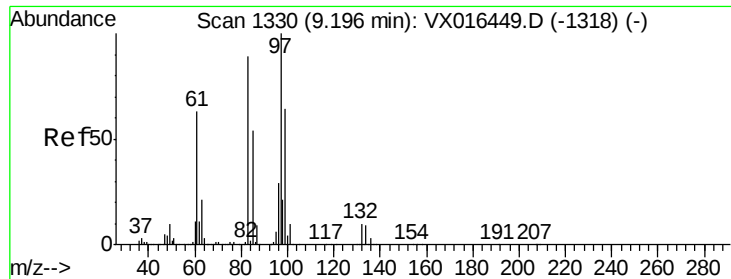
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#54
cis-1,3-Dichloropropene
Concen: 52.702 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.6	36.8
39	44.1	35.3	52.9





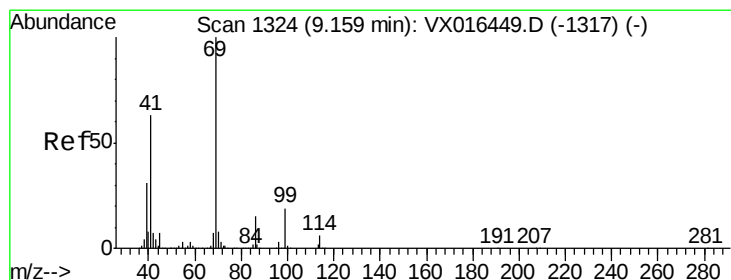
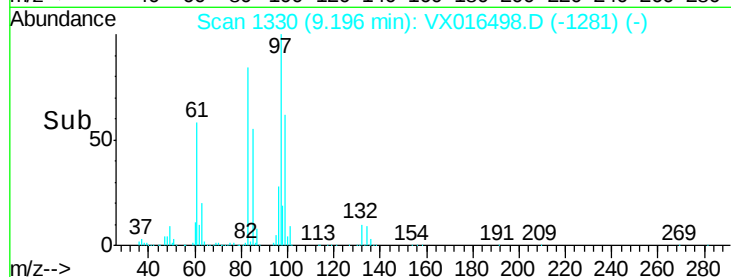
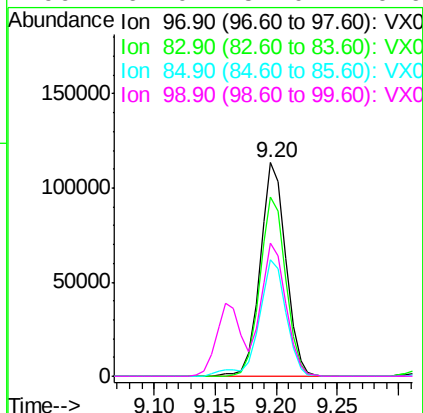
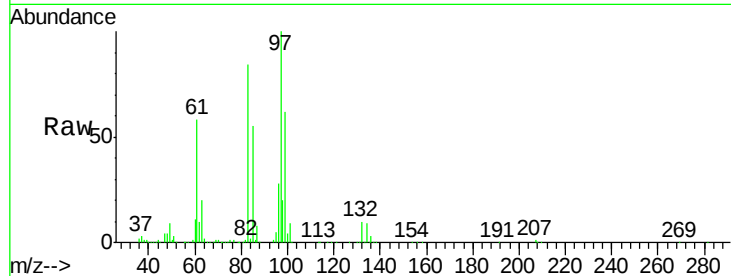
#55
 1,1,2-Trichloroethane
 Concen: 54.194 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016498.D
 Acq: 28 May 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MSD

Tot Ion:	97	Resp:	166913
Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.9	106.3
85	54.6	43.4	65.2
99	62.0	51.0	76.6

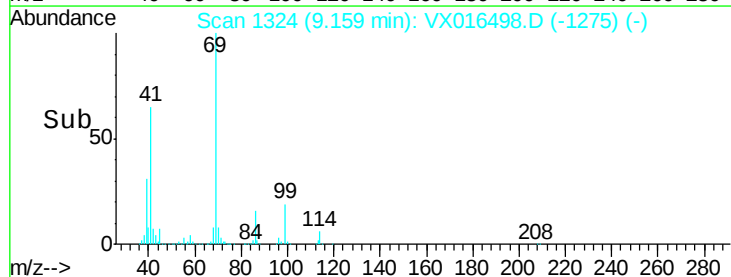
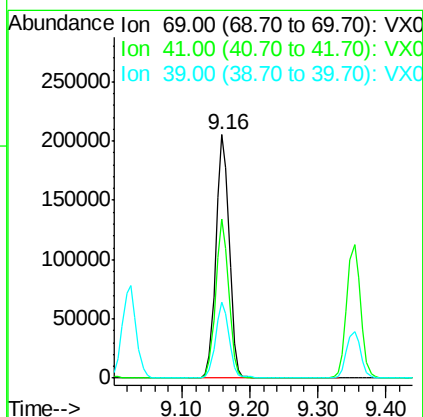
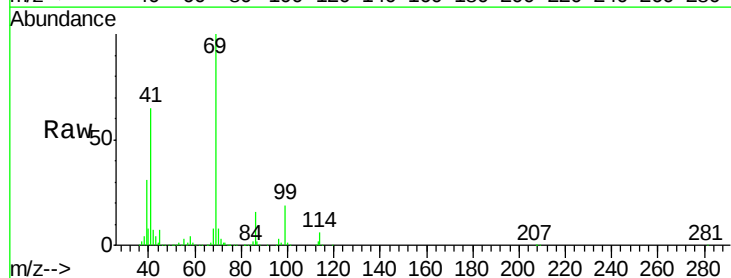
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#56
 Ethyl methacrylate
 Concen: 55.761 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016498.D
 Acq: 28 May 2020 20:05

Tgt Ion:	69	Resp:	279698
Ion	Ratio	Lower	Upper
69	100		
41	63.7	50.7	76.1
39	31.4	25.8	38.6





#57

1,3-Dichloropropane

Concen: 54.354 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MSD

Tot Ion: 76 Resp: 287343

Ion Ratio Lower Upper

76 100

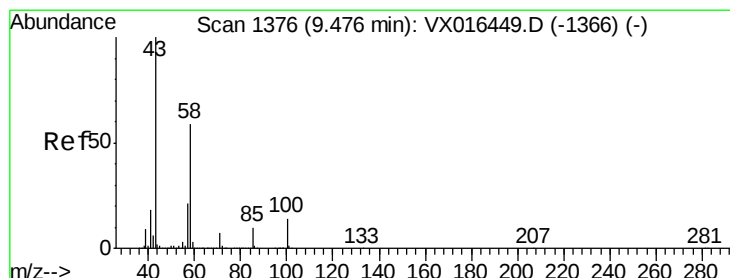
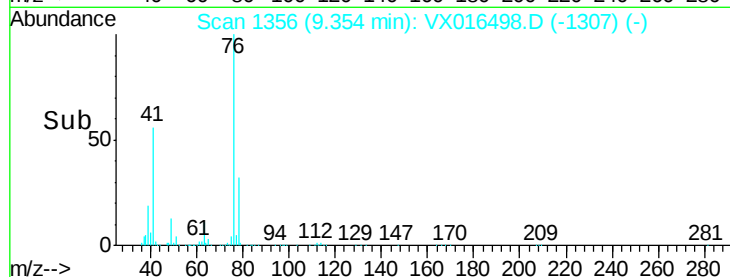
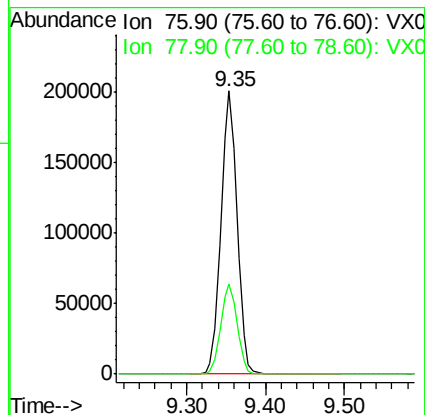
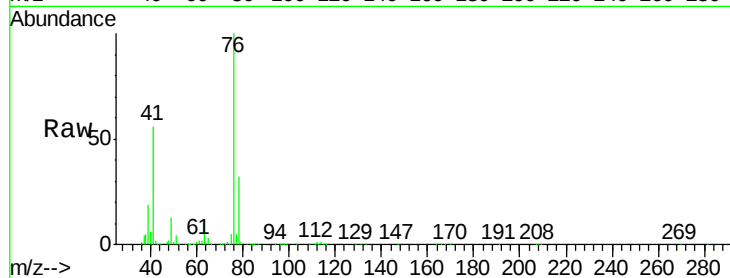
78 32.2 26.2 39.4

Manual Integrations

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#59

2-Hexanone

Concen: 279.002 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016498.D

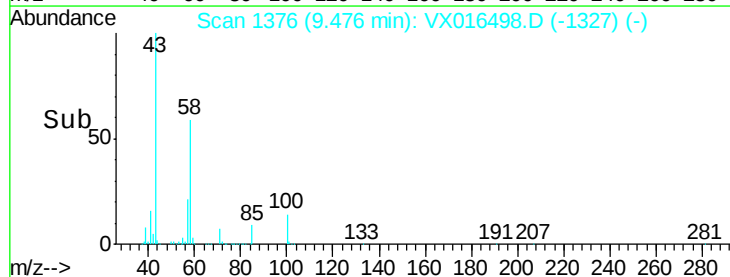
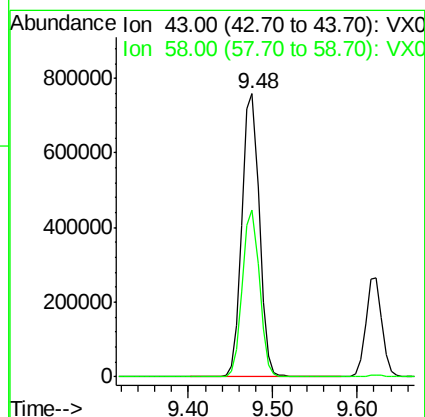
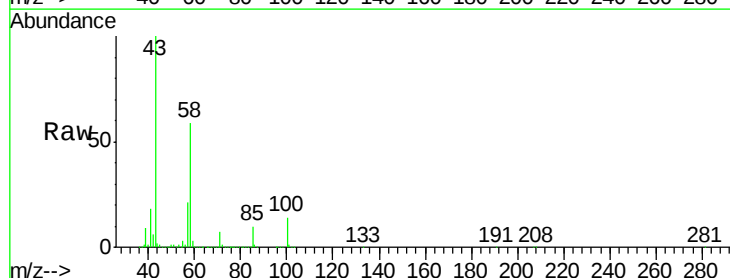
Acq: 28 May 2020 20:05

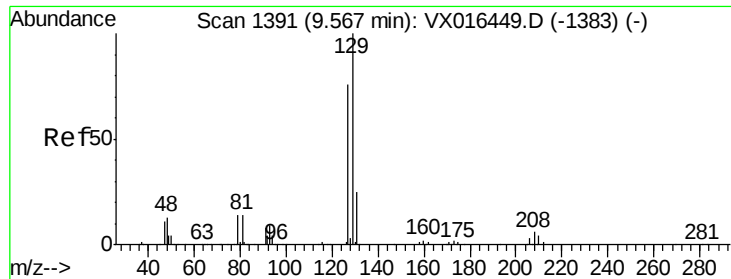
Tgt Ion: 43 Resp: 1043612

Ion Ratio Lower Upper

43 100

58 58.1 28.8 86.4





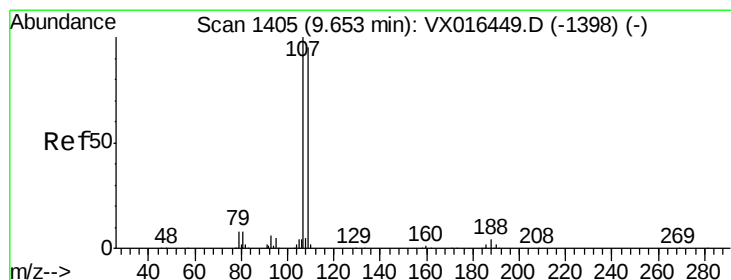
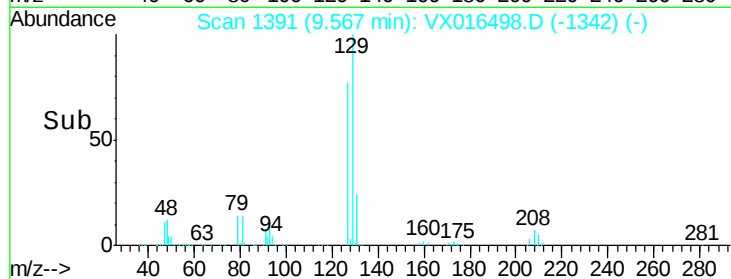
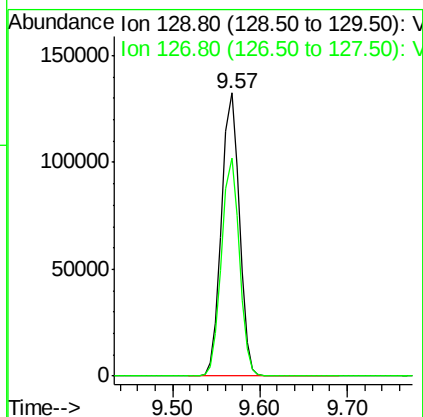
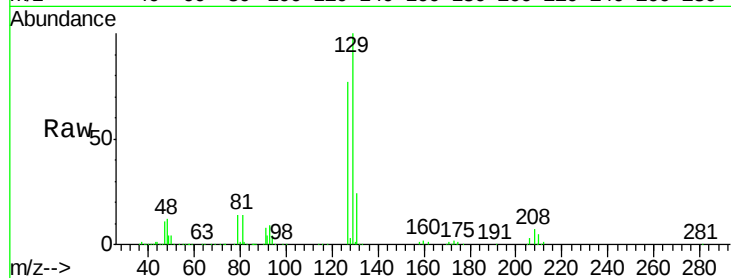
#60
Dibromochloromethane
Concen: 54.231 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		187967		
127	76.6	38.6	116.0		

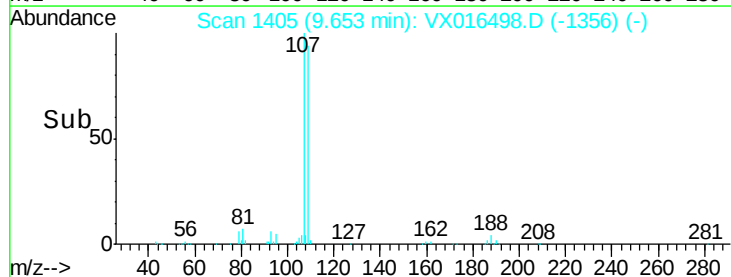
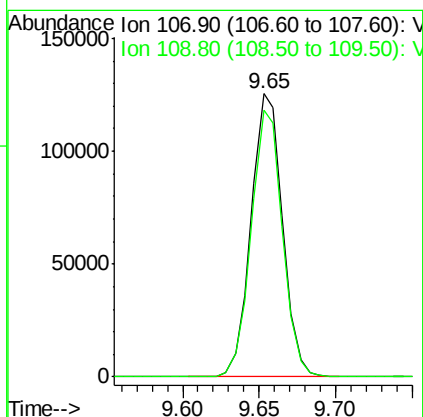
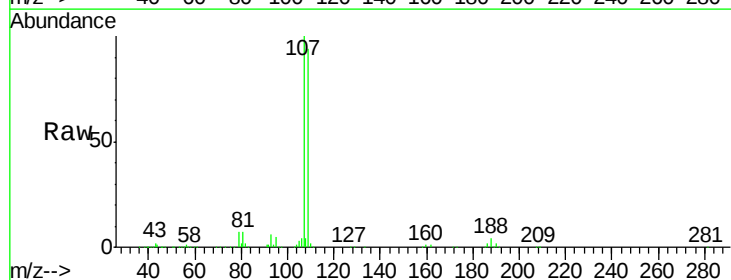
Manual Integrations
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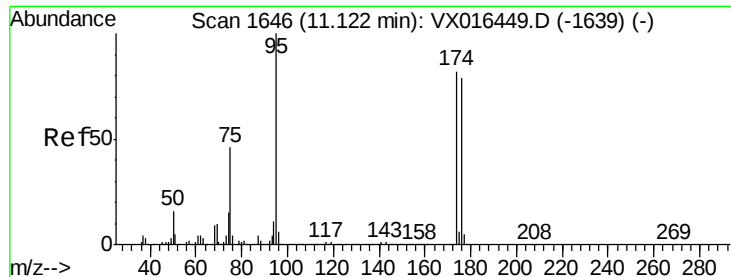
MMDadoda
5/29/2020 10:57:54 AM



#61
1,2-Dibromoethane
Concen: 54.237 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		178881		
109	94.4	75.5	113.3		





#62

4-Bromofluorobenzene

Concen: 53.050 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

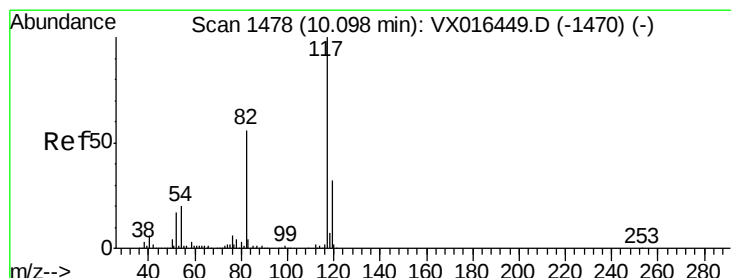
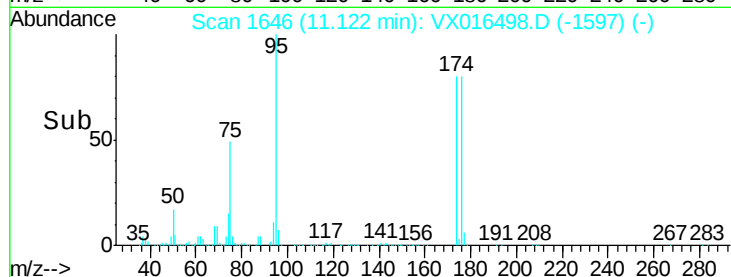
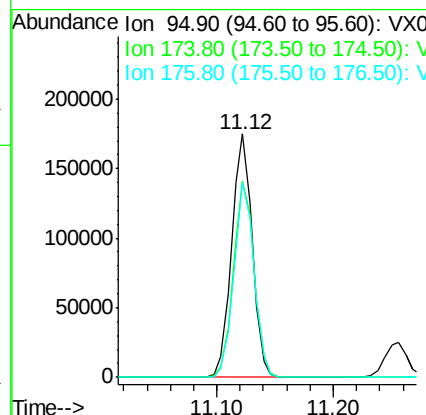
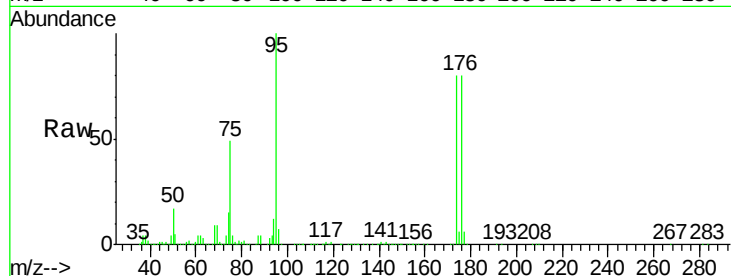
ClientSampleId :

WP022RW358-200526MSD

Tot Ion:	95	Resp:	214032
Ion Ratio	Lower	Upper	
95	100		
174	81.2	0.0	163.0
176	79.0	0.0	156.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

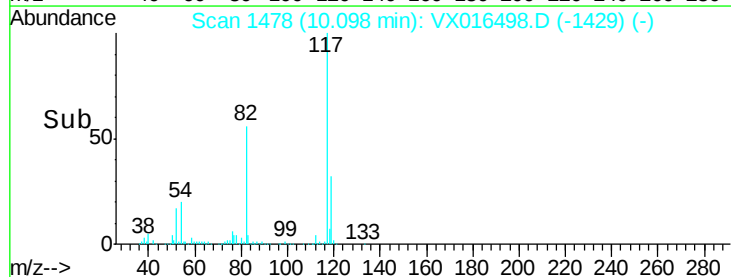
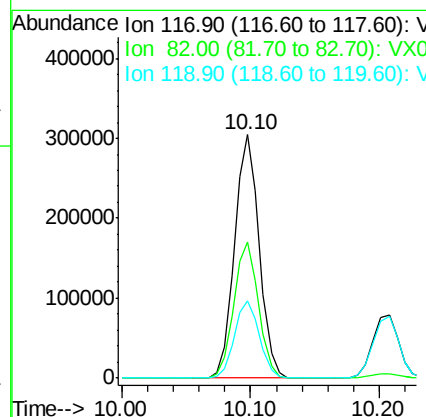
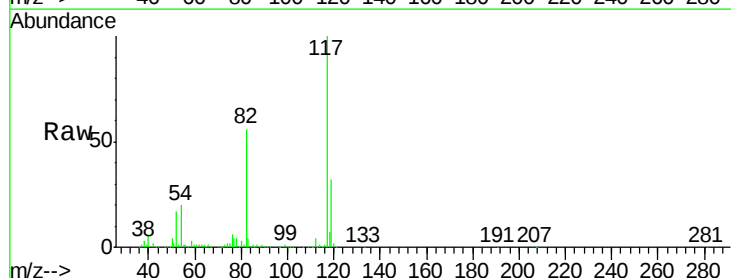
RT: 10.10 min Scan# 1478

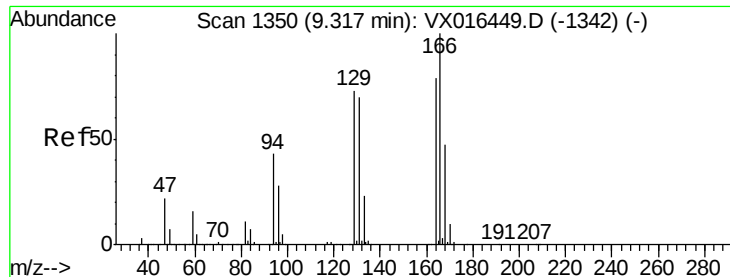
Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Tgt Ion:	117	Resp:	407255
Ion Ratio	Lower	Upper	
117	100		
82	55.9	45.0	67.6
119	31.6	25.8	38.8





#64

Tetrachloroethene

Concen: 45.773 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MSD

Tot Ion:164 Resp: 208555

Ion Ratio Lower Upper

164 100

166 126.9 100.9 151.3

129 92.3 73.2 109.8

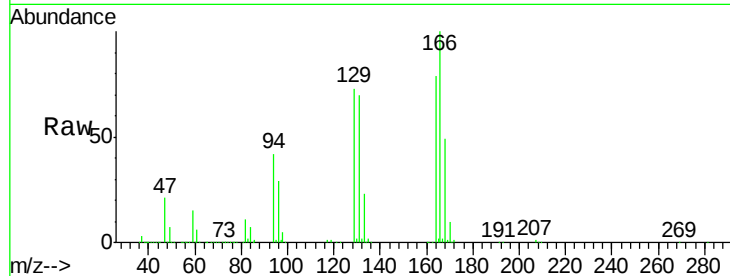
131 88.7 70.8 106.2

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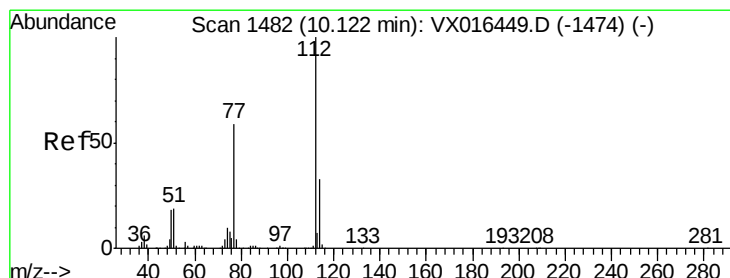
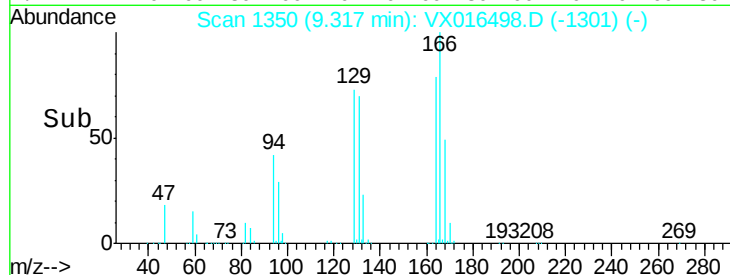
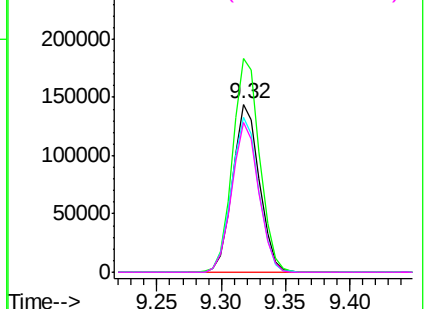


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 120.227 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016498.D

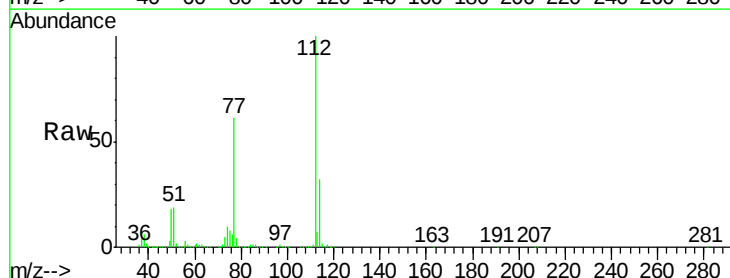
Acq: 28 May 2020 20:05

Tgt Ion:112 Resp: 998223

Ion Ratio Lower Upper

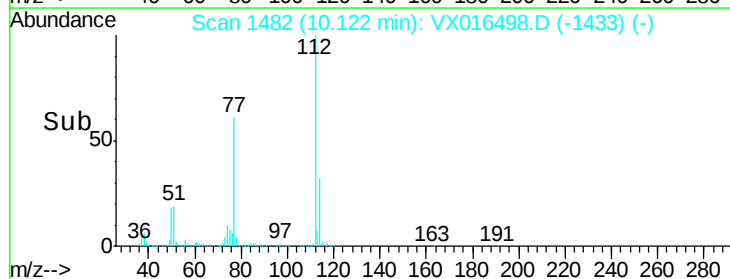
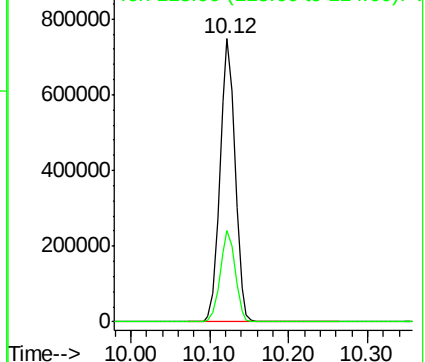
112 100

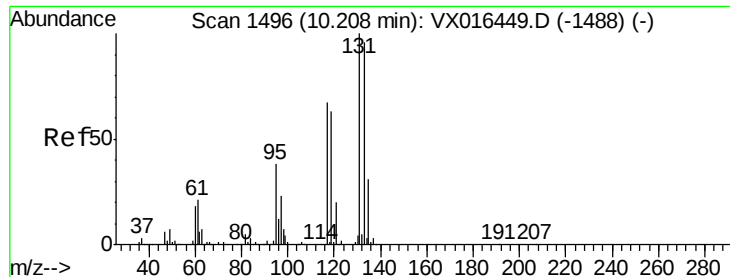
114 32.1 26.0 39.0



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: 52.519 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

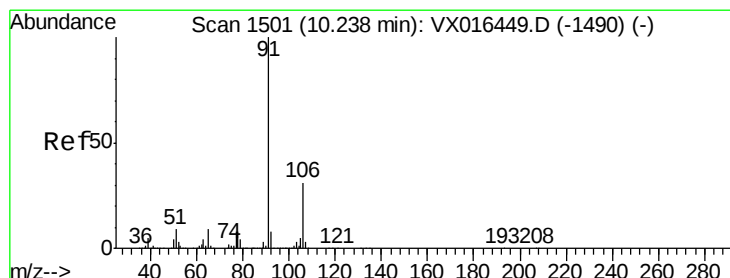
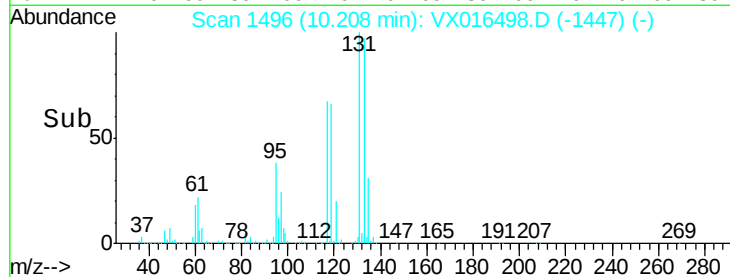
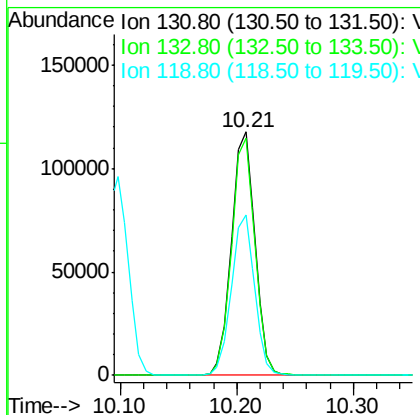
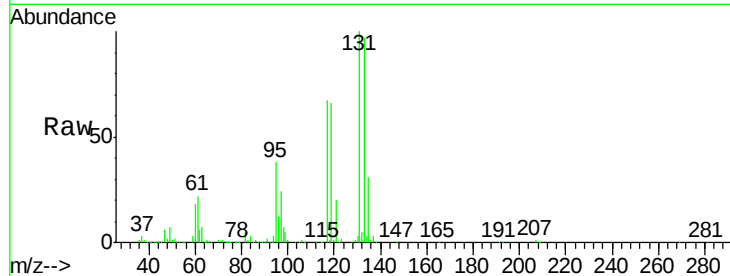
ClientSampleId :

WP022RW358-200526MSD

Tot Ion:	131	Resp:	166454
Ion Ratio	Lower	Upper	
131	100		
133	96.7	48.4	145.3
119	64.6	32.0	96.2

Manual Integrations
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#67

Ethyl Benzene

Concen: 51.835 ug/l

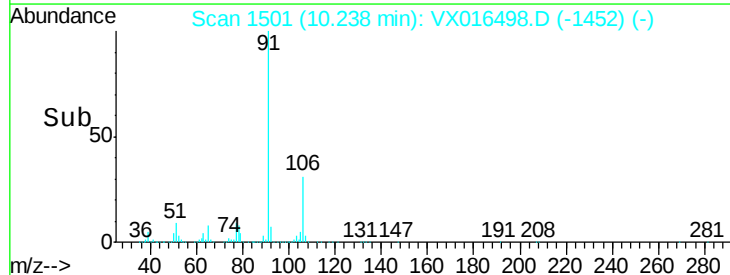
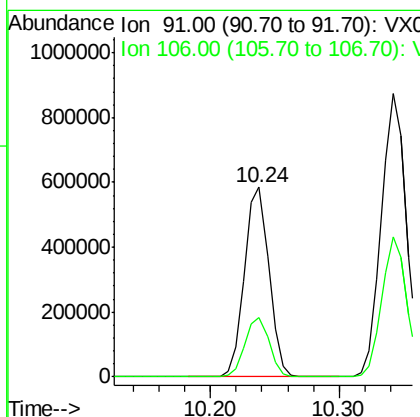
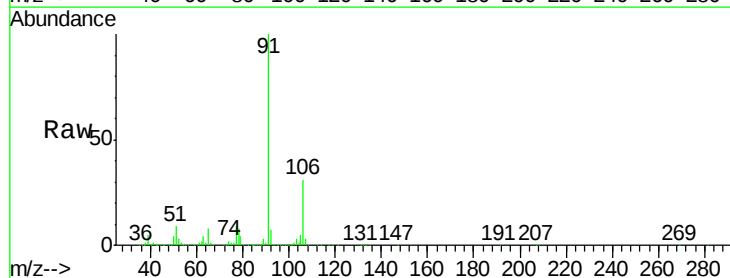
RT: 10.24 min Scan# 1501

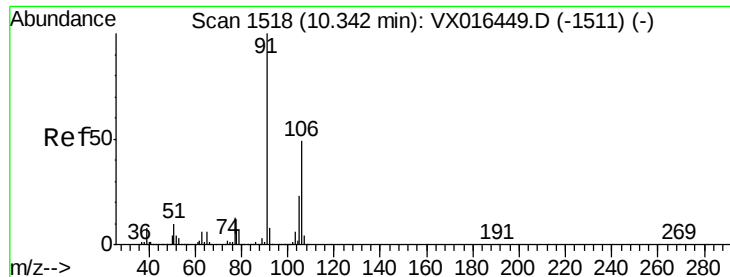
Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Tgt Ion:	91	Resp:	766255
Ion Ratio	Lower	Upper	
91	100		
106	31.3	25.0	37.4





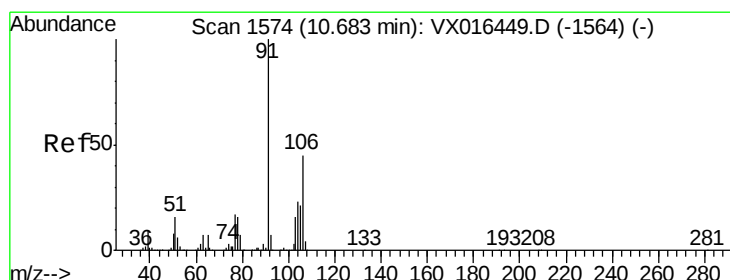
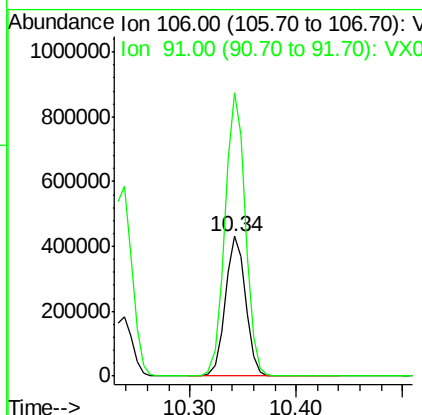
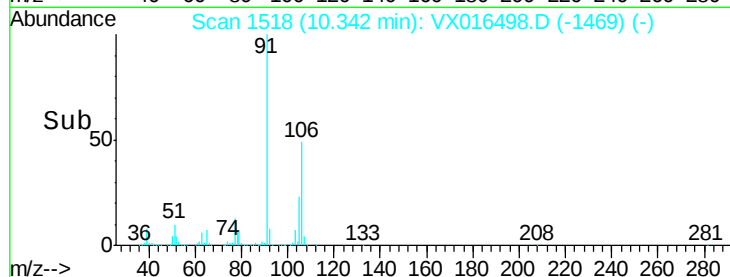
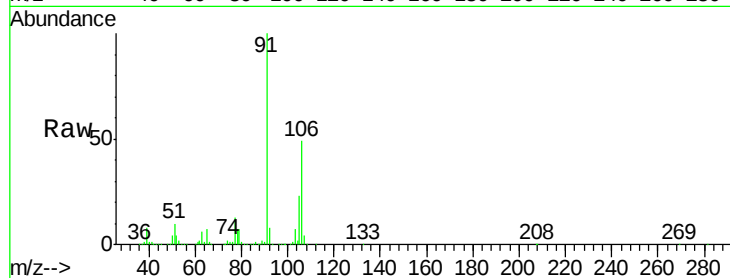
#68
m/p-Xylenes
Concen: 104.747 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MSD

Tot Ion:106 Resp: 574114
Ion Ratio Lower Upper
106 100
91 204.5 163.8 245.8

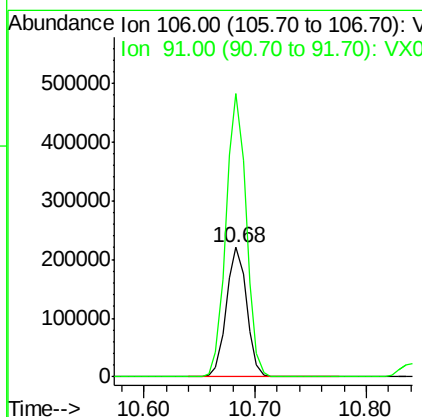
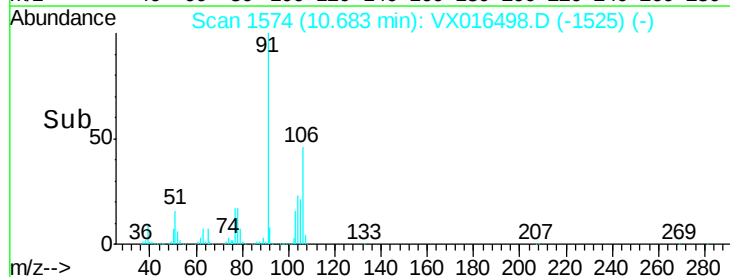
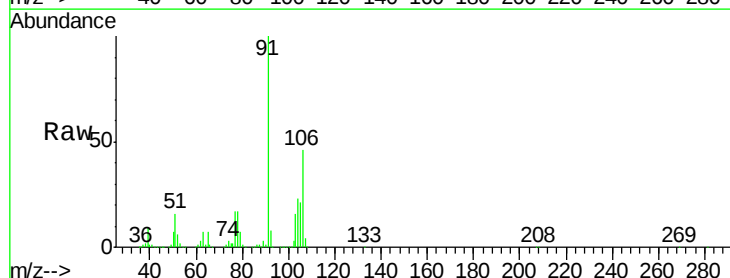
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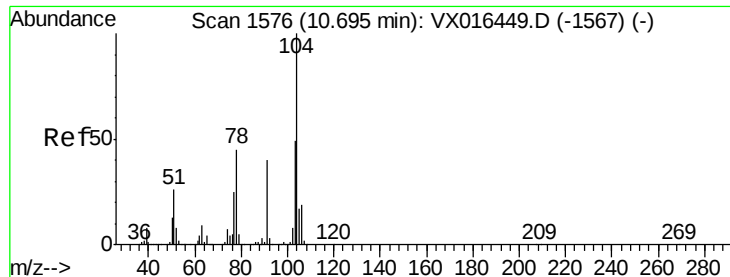
MMDadoda
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#69
o-Xylene
Concen: 52.310 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Tgt Ion:106 Resp: 277662
Ion Ratio Lower Upper
106 100
91 217.8 109.6 328.8





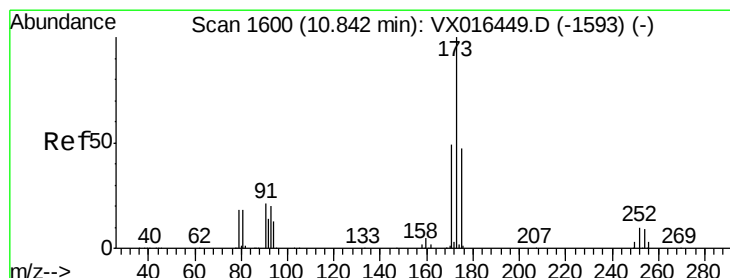
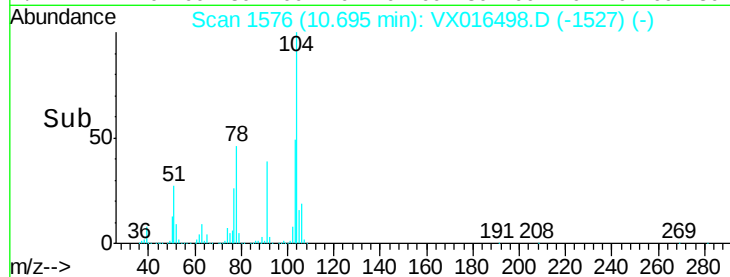
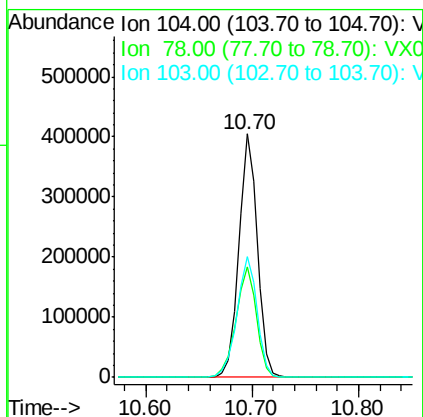
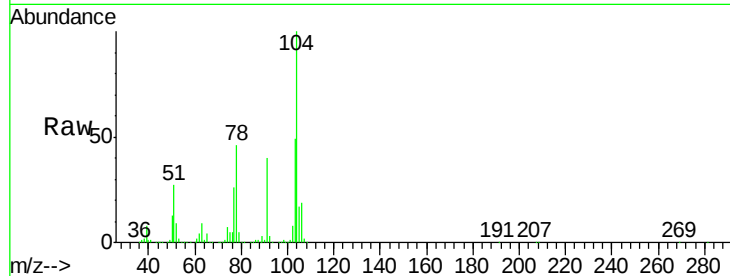
#70
Stvrene
Concen: 54.158 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	494123		
78	50.4		40.2	60.2
103	54.2		43.1	64.7

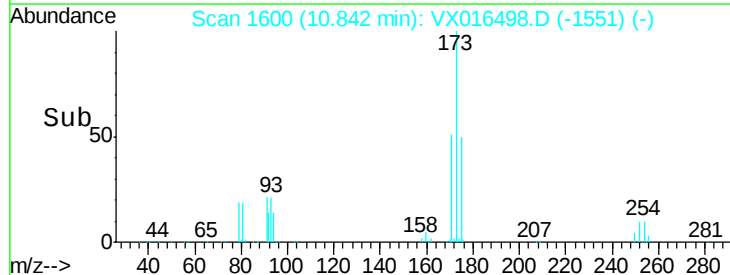
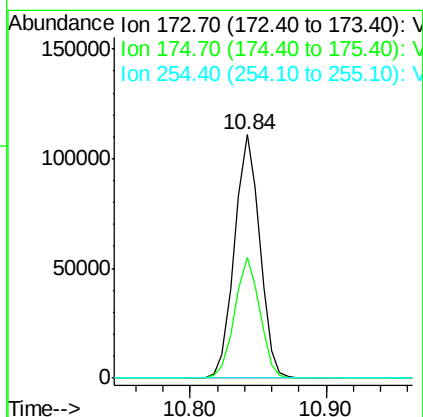
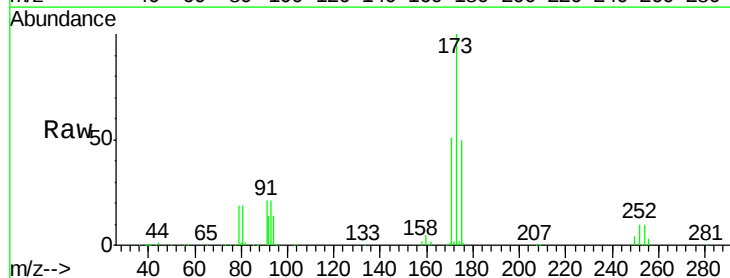
Manual Integrations
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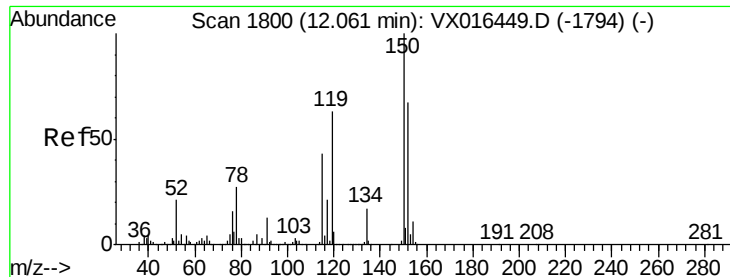
MMDadoda
5/29/2020 10:57:54 AM



#71
Bromoform
Concen: 53.511 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	143332		
175	49.2		23.9	71.7
254	0.1		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MSD

Tot Ion:152 Resp: 197045

Ion Ratio Lower Upper

152 100

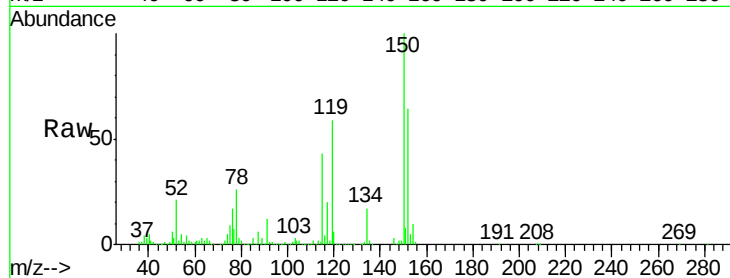
115 83.2 39.9 119.6

150 177.3 0.0 341.0

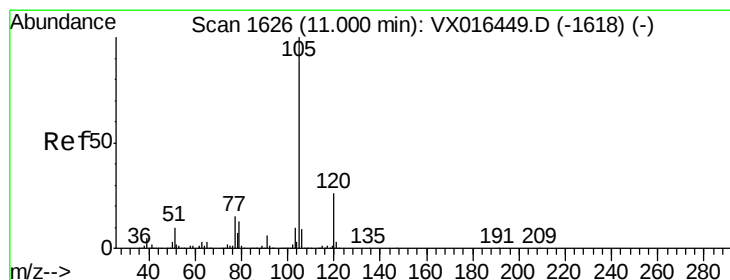
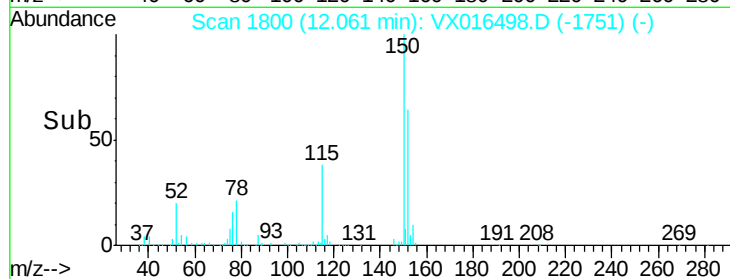
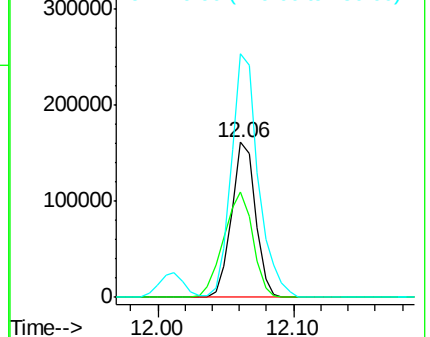
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 53.050 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016498.D

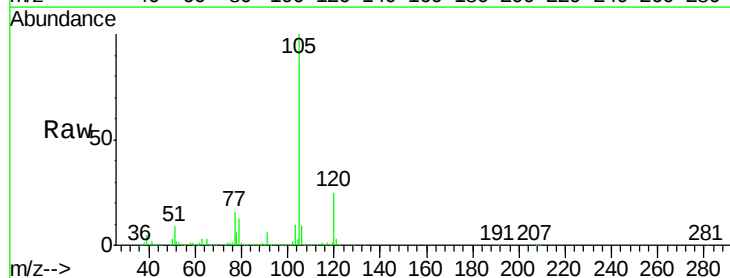
Acq: 28 May 2020 20:05

Tgt Ion:105 Resp: 724279

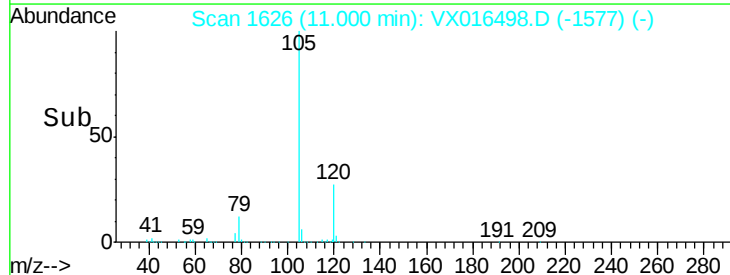
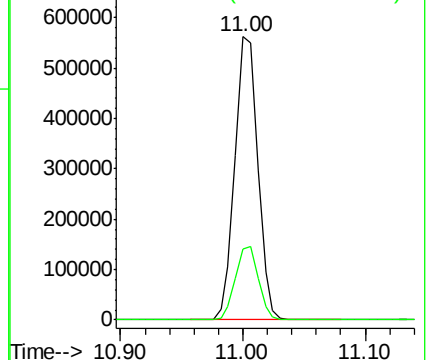
Ion Ratio Lower Upper

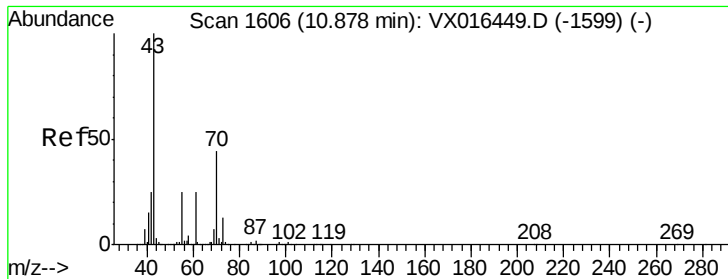
105 100

120 26.0 13.1 39.3



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





#74

N-amvl acetate

Concen: 54.018 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

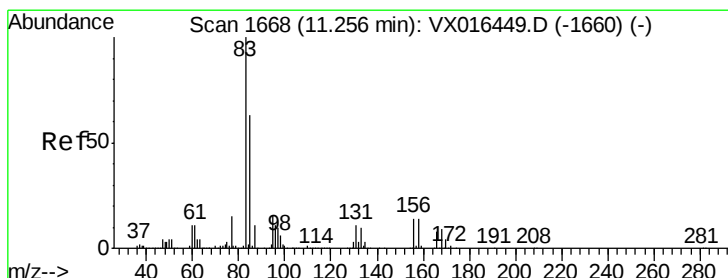
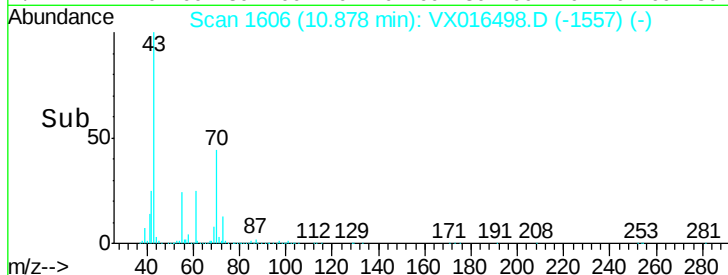
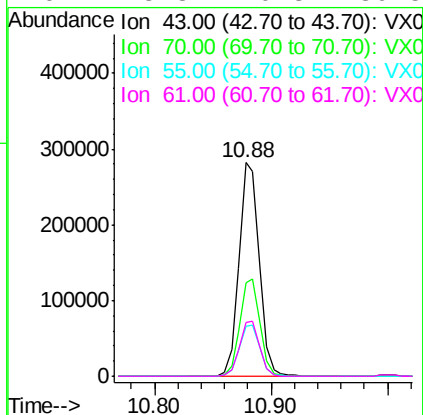
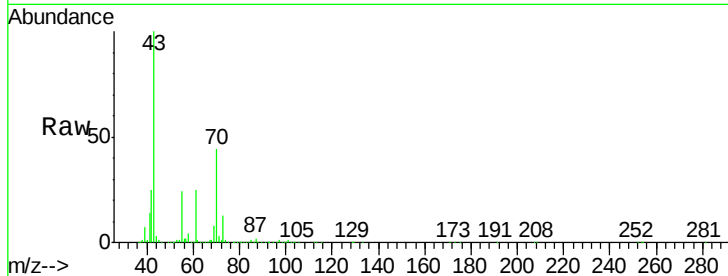
ClientSampleId :

WP022RW358-200526MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	45.6	36.1	54.1	
55	24.8	20.2	30.4	
61	25.8	20.3	30.5	

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#75

1,1,2,2-Tetrachloroethane

Concen: 61.020 ug/l

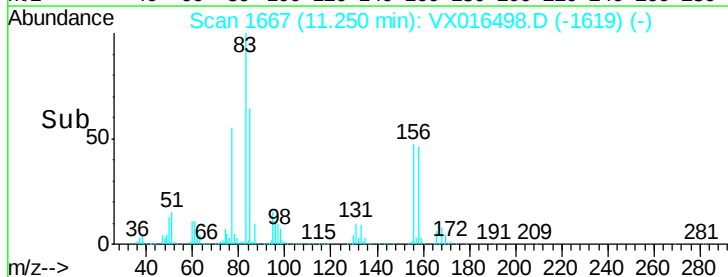
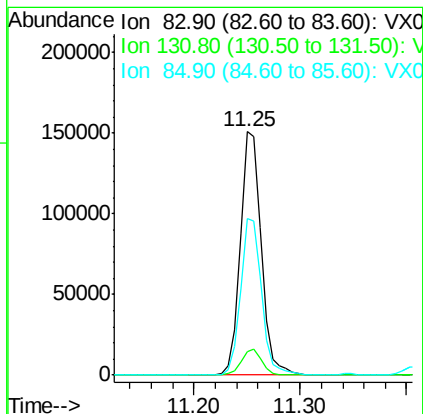
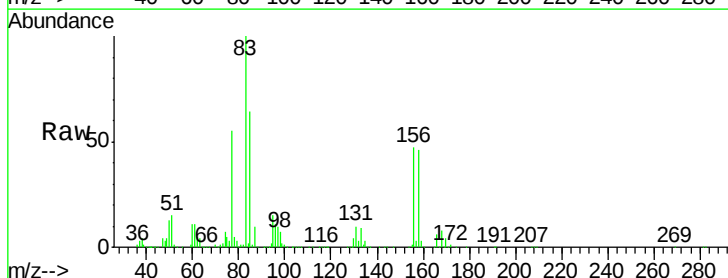
RT: 11.25 min Scan# 1667

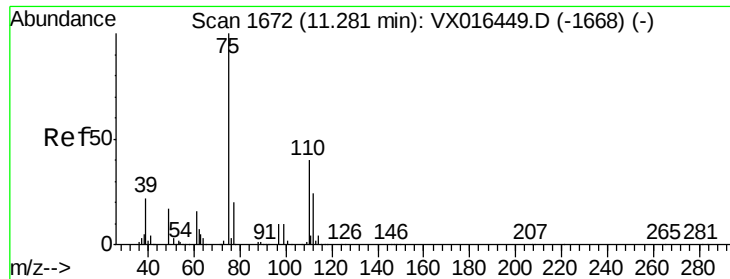
Delta R.T. -0.01 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.4	5.1	15.3	
85	64.4	32.0	96.2	





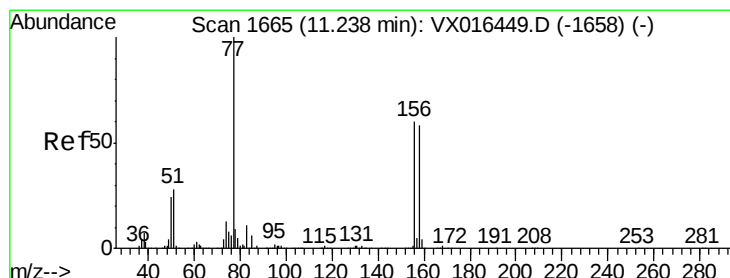
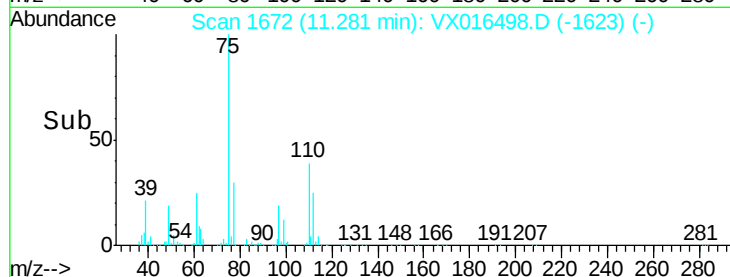
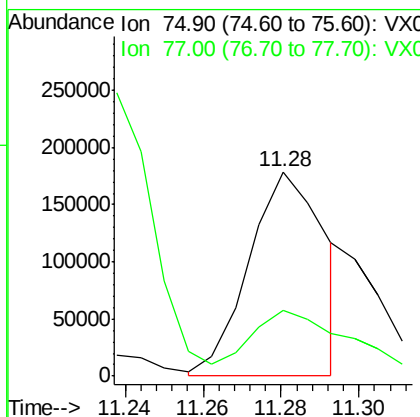
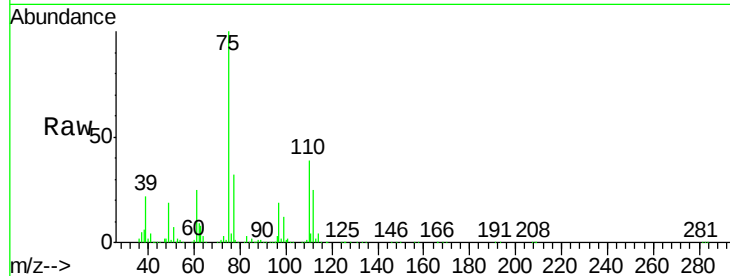
#76
 1,2,3-Trichloropropane
 Concen: 55.579 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX016498.D
 Acq: 28 May 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MSD

Tot Ion: 75 Resp: 240721
 Ion Ratio Lower Upper
 75 100
 77 42.2 21.3 63.7

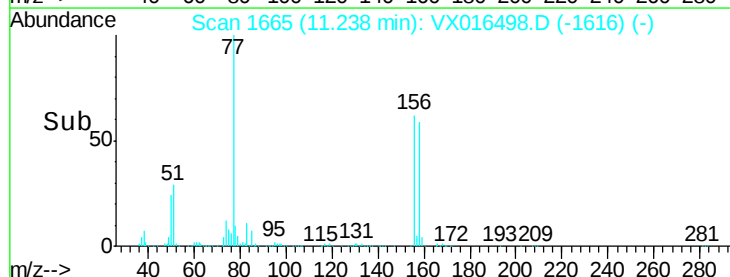
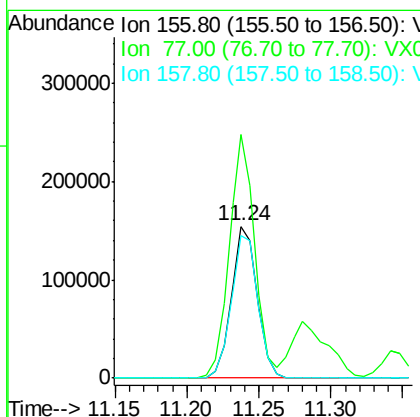
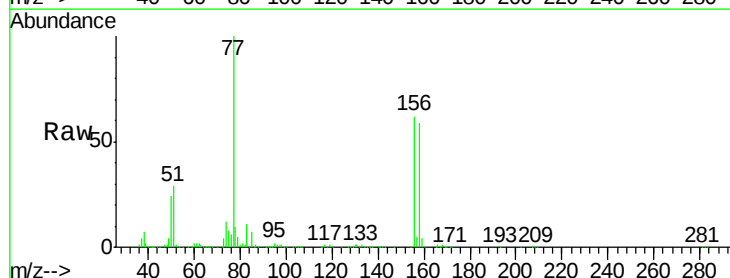
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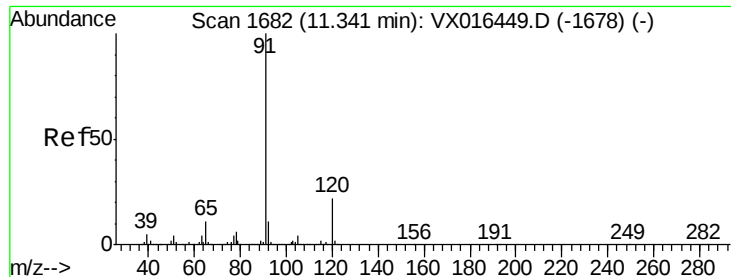
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#77
 Bromobenzene
 Concen: 53.957 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VX016498.D
 Acq: 28 May 2020 20:05

Tgt Ion: 156 Resp: 193213
 Ion Ratio Lower Upper
 156 100
 77 158.3 79.6 238.8
 158 97.1 48.1 144.4





#78

n-propylbenzene

Concen: 53.736 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MSD

Tot Ion: 91 Resp: 819646

Ion Ratio Lower Upper

91 100

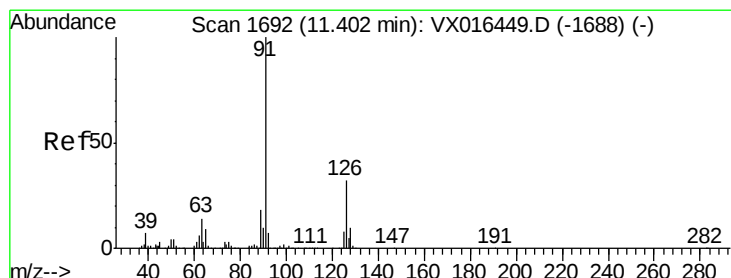
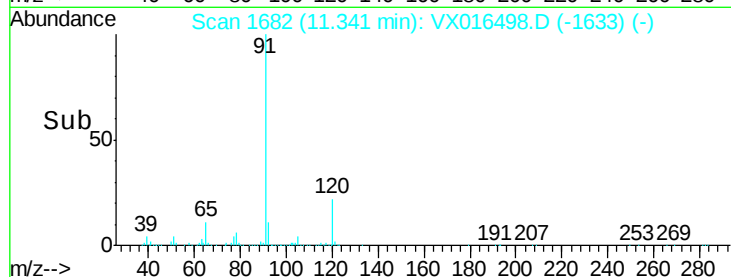
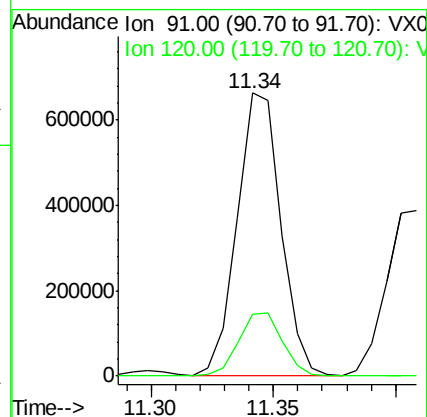
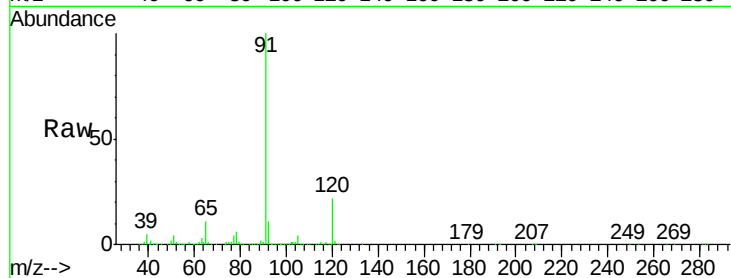
120 22.7 11.6 34.7

Manual Integrations

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#79

2-Chlorotoluene

Concen: 54.079 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016498.D

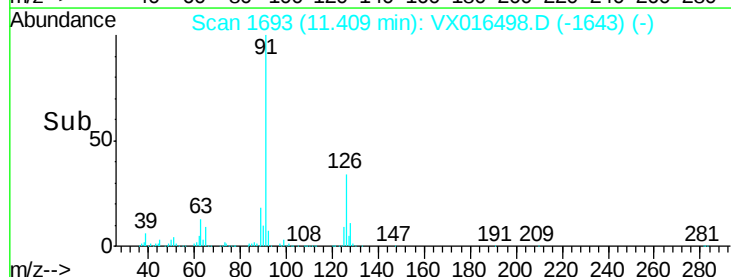
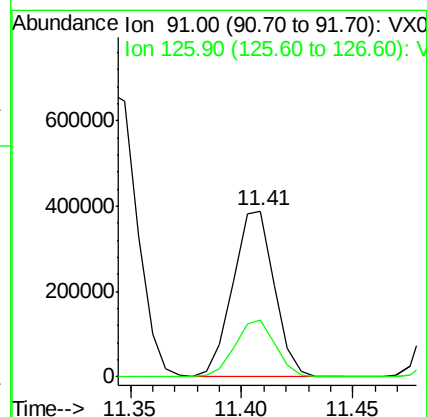
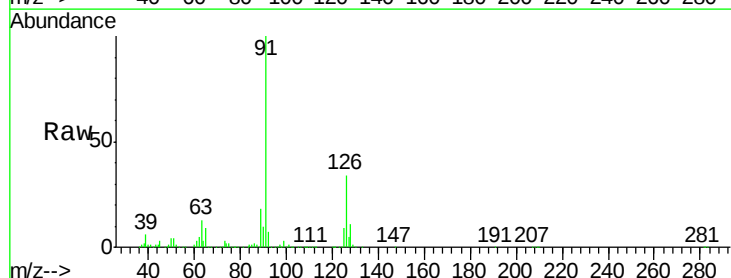
Acq: 28 May 2020 20:05

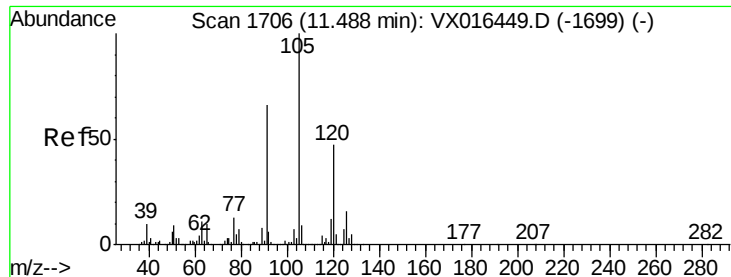
Tgt Ion: 91 Resp: 503503

Ion Ratio Lower Upper

91 100

126 33.6 16.8 50.3





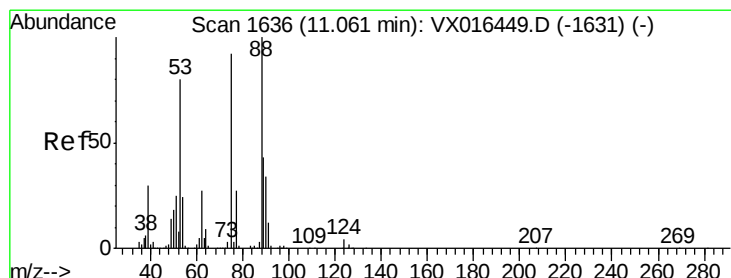
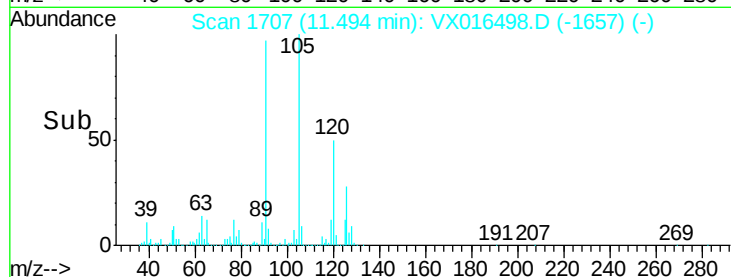
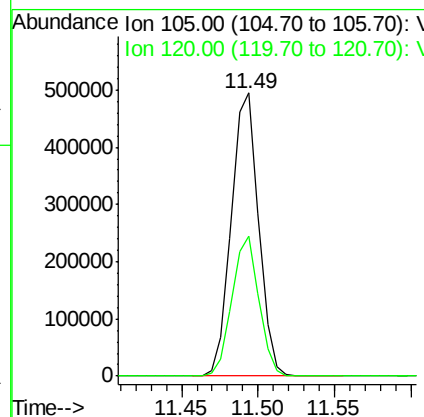
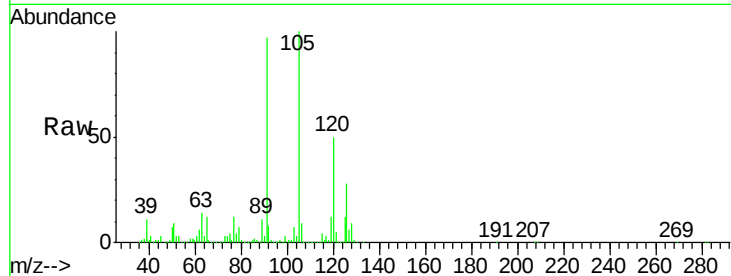
#80
 1,3,5-Trimethylbenzene
 Concen: 53.624 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016498.D
 Acq: 28 May 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.3	72.8

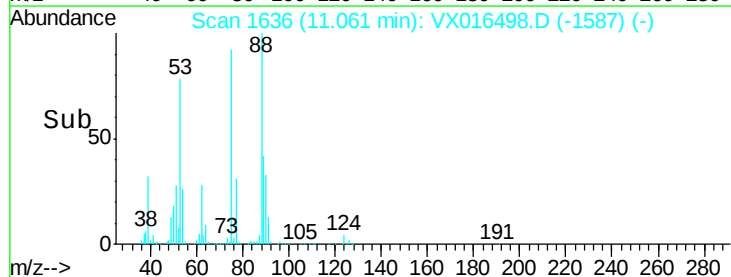
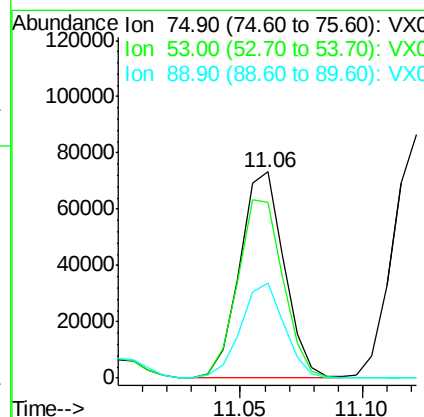
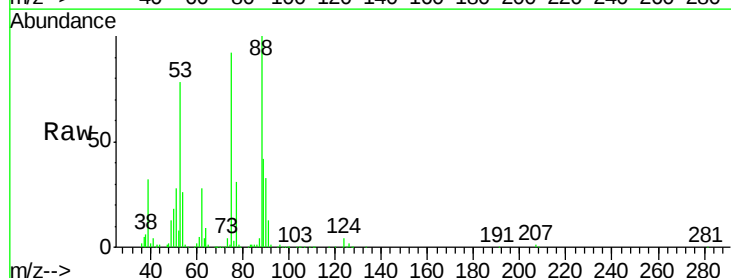
Manual Integrations
 APPROVED

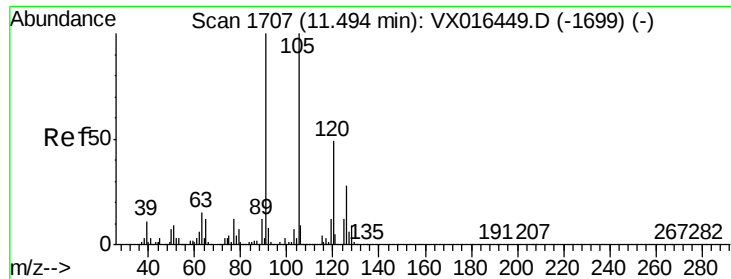
MMDadoda
 5/29/2020 10:57:54 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.241 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016498.D
 Acq: 28 May 2020 20:05

Tgt Ion	Ratio	Lower	Upper
75	100		
53	89.0	71.3	106.9
89	45.7	36.6	55.0





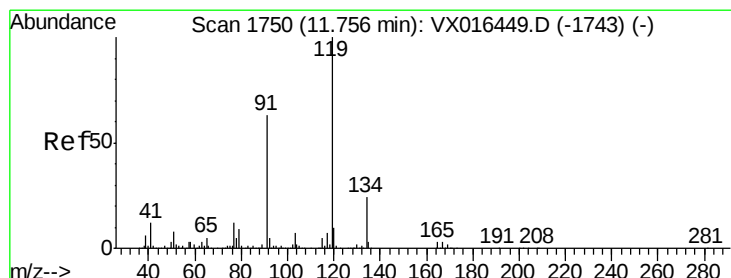
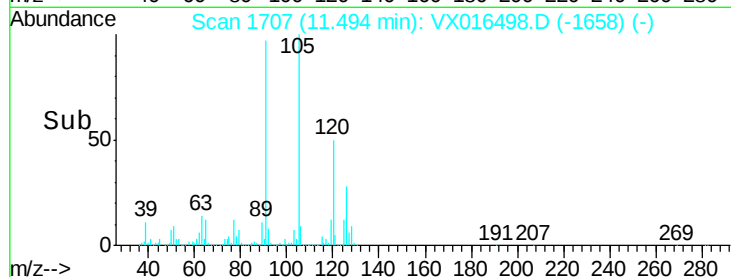
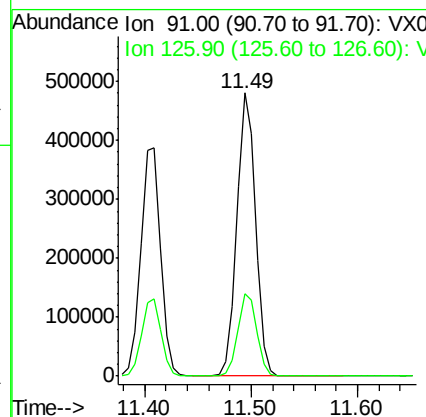
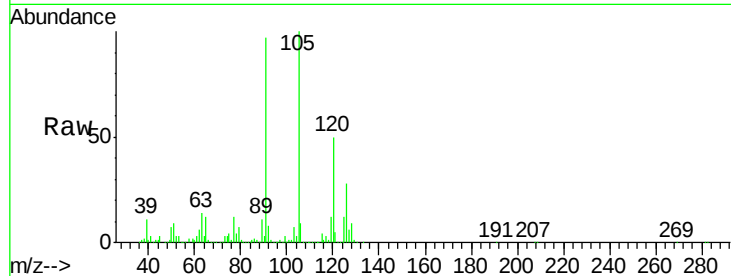
#82
4-Chlorotoluene
Concen: 54.007 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	593790		
126	29.5	14.7	44.1	

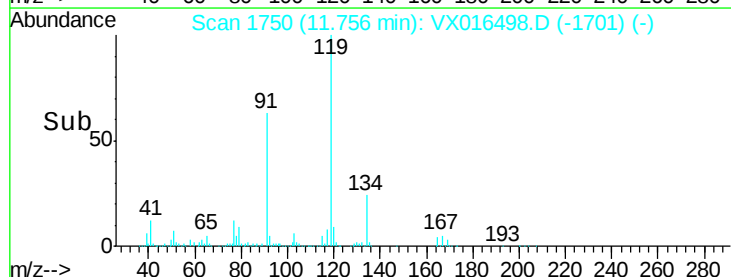
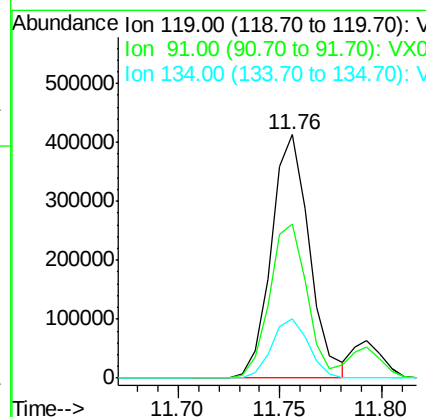
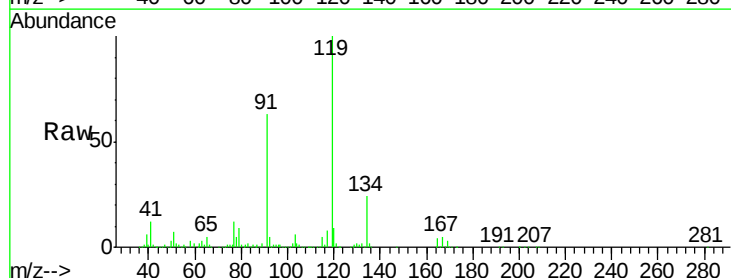
Manual Integrations
APPROVED

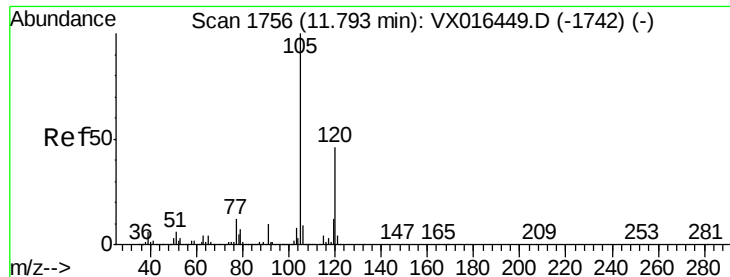
MMDadoda
5/29/2020 10:57:54 AM



#83
tert-Butylbenzene
Concen: 55.110 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016498.D
Acq: 28 May 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	536812		
91	61.8	31.3	93.8	
134	23.8	12.0	36.0	





#84

1,2,4-Trimethylbenzene

Concen: 53.882 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MSD

Tot Ion:105 Resp: 621205

Ion Ratio Lower Upper

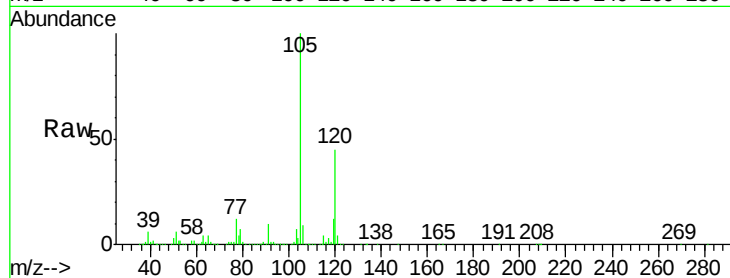
105 100

120 45.0 22.6 67.7

Manual Integrations
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MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

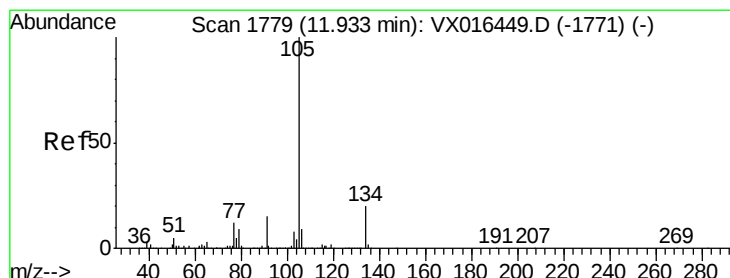
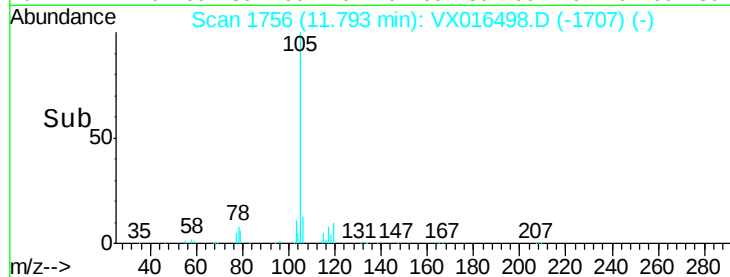
0

11.79

11.80

11.90

Time-->



#85

sec-Butylbenzene

Concen: 54.042 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016498.D

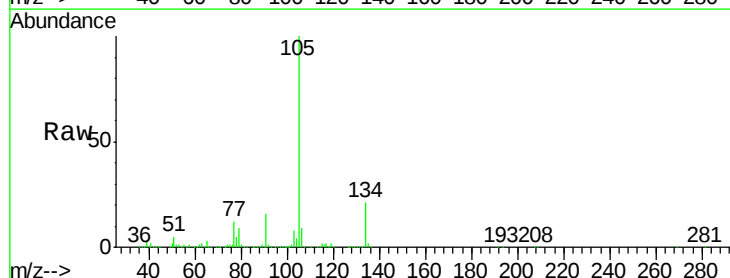
Acq: 28 May 2020 20:05

Tgt Ion:105 Resp: 660361

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

200000

100000

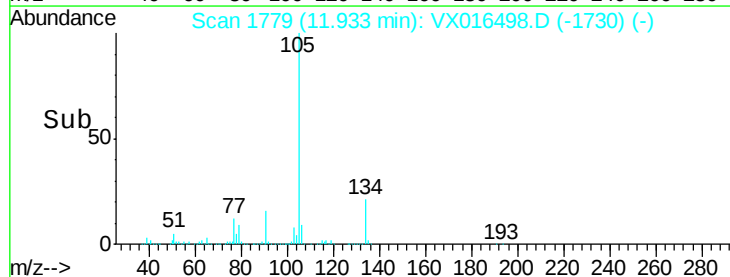
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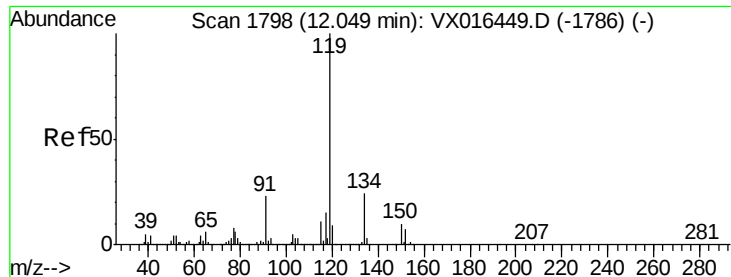
11.93

11.95

12.00

Time-->





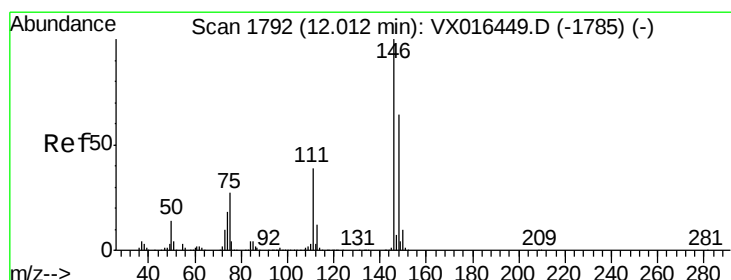
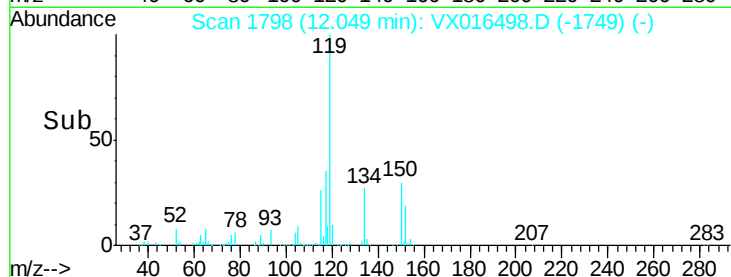
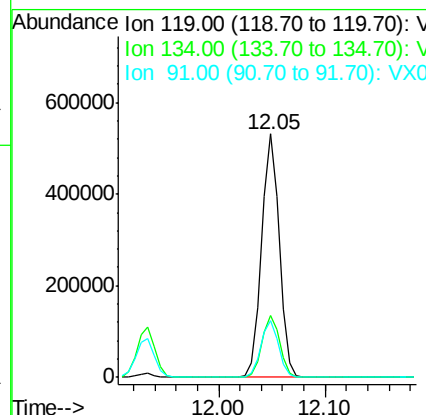
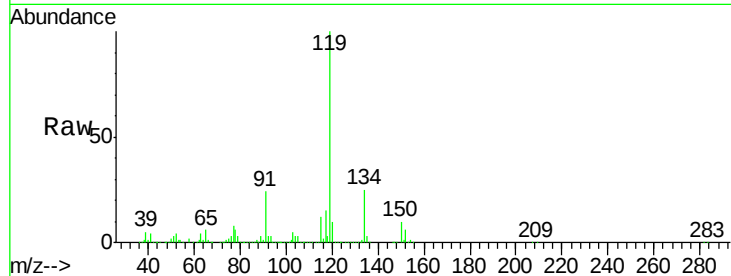
#86
 p-Isopropyltoluene
 Concen: 54.276 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016498.D
 Acq: 28 May 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	621266		
134	25.5		12.7	38.0
91	23.2		11.7	35.0

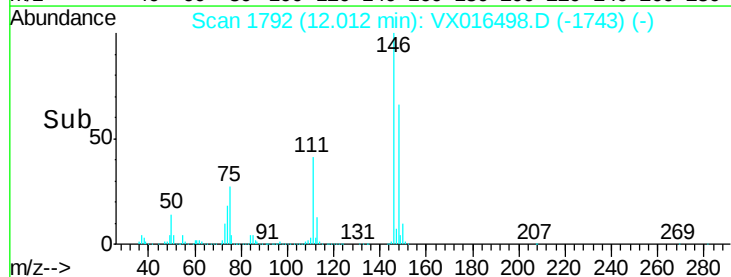
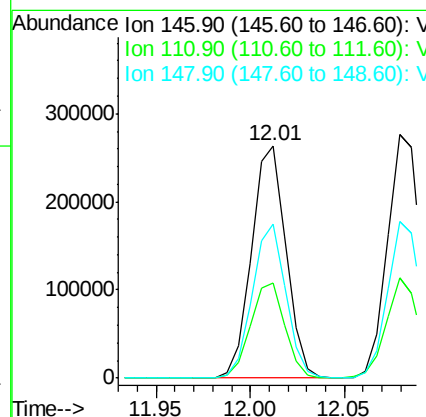
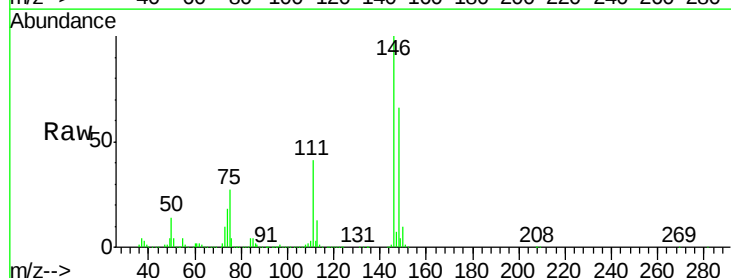
Manual Integrations
 APPROVED

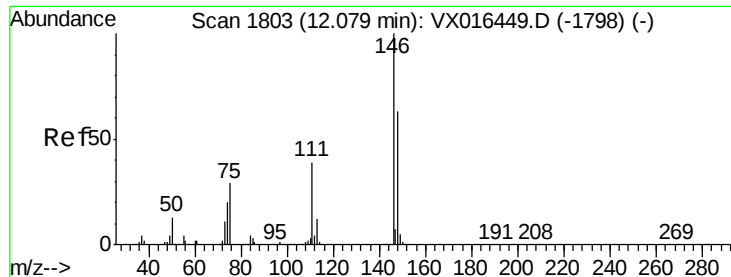
MMDadoda
 5/29/2020 10:57:54 AM



#87
 1,3-Dichlorobenzene
 Concen: 53.924 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016498.D
 Acq: 28 May 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	334539		
111	40.9		20.0	60.0
148	64.2		31.9	95.5





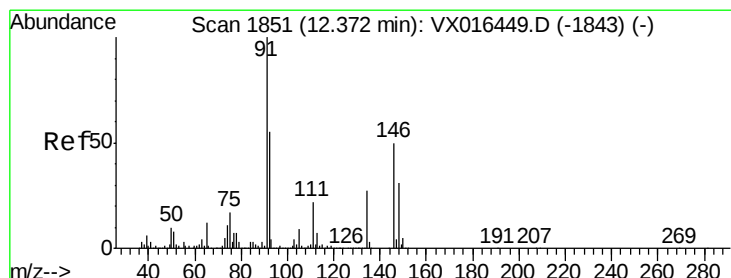
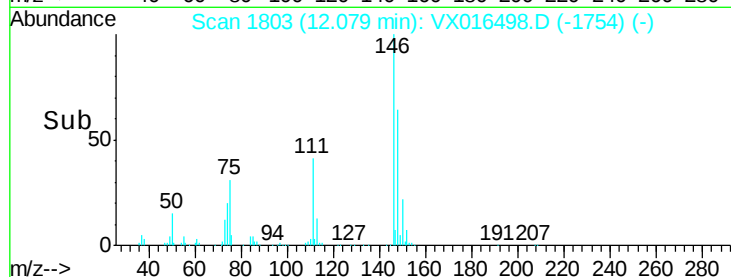
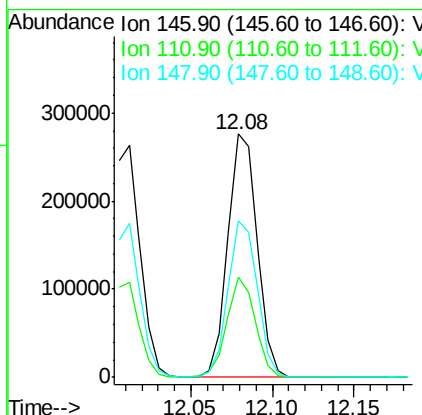
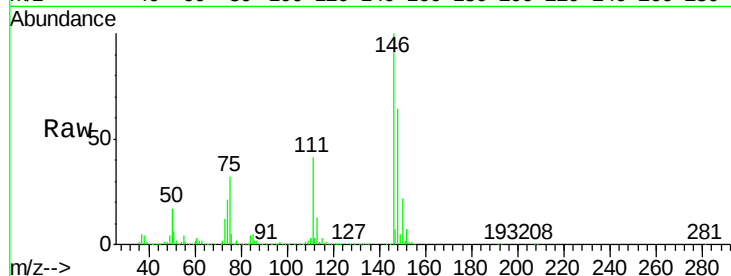
#88
 1,4-Dichlorobenzene
 Concen: 54.554 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016498.D
 Acq: 28 May 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	346139		
111	39.7	19.4	58.2	
148	64.0	31.4	94.3	

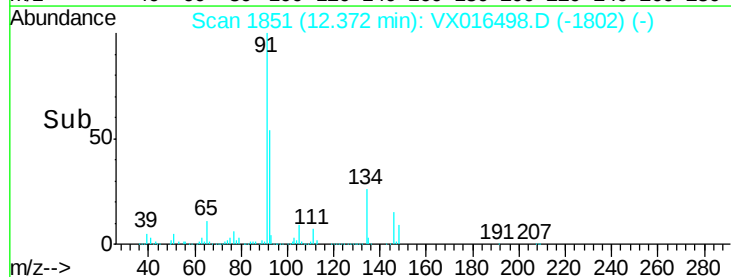
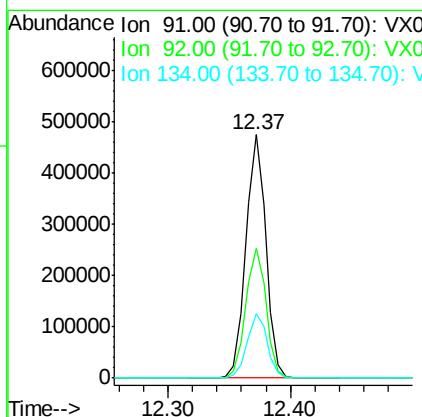
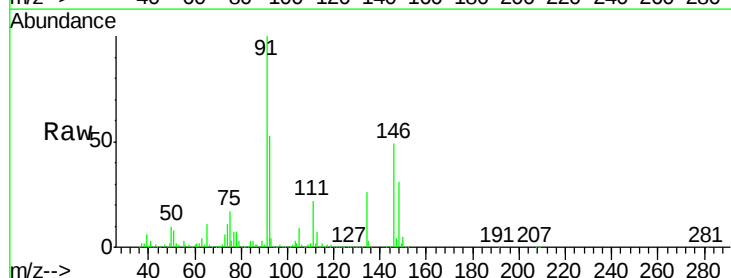
Manual Integrations
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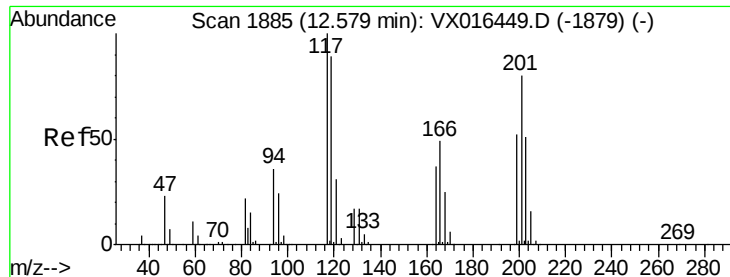
MMDadoda
 5/29/2020 10:57:54 AM



#89
 n-Butylbenzene
 Concen: 56.225 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016498.D
 Acq: 28 May 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	536055		
92	54.4	27.2	81.5	
134	26.6	13.1	39.3	





#90

Hexachloroethane

Concen: 53.460 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MSD

Tot Ion:117 Resp: 105697

Ion Ratio Lower Upper

117 100

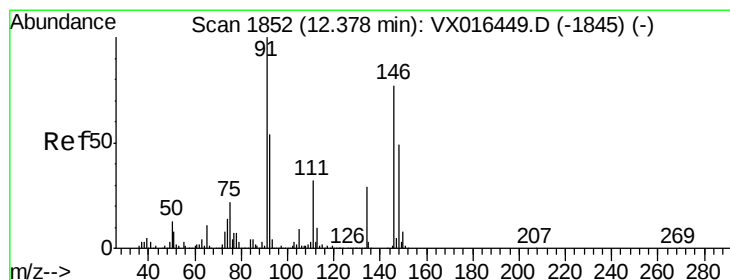
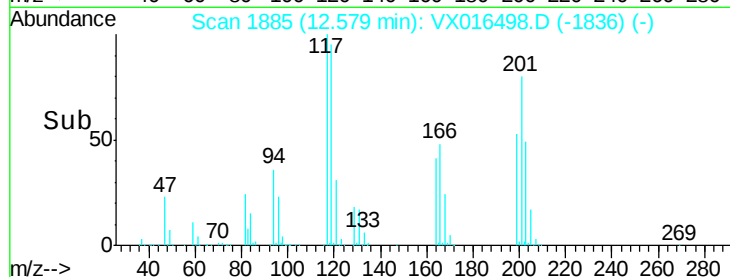
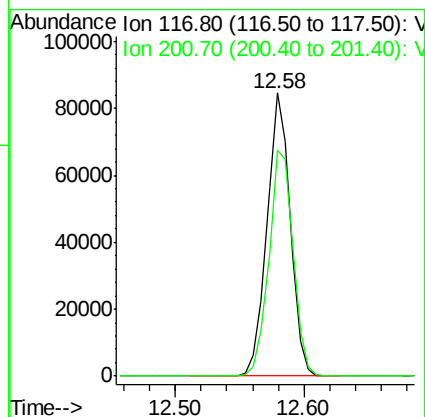
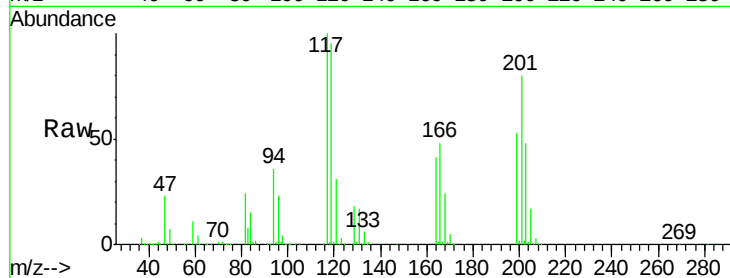
201 83.6 43.1 129.3

Manual Integrations

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5/29/2020 10:57:54 AM



#91

1,2-Dichlorobenzene

Concen: 54.113 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

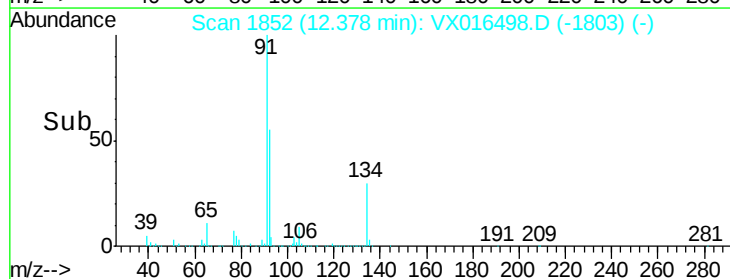
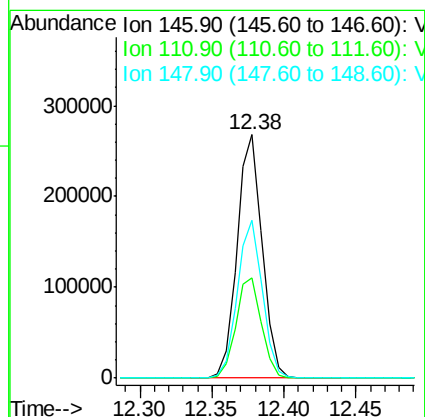
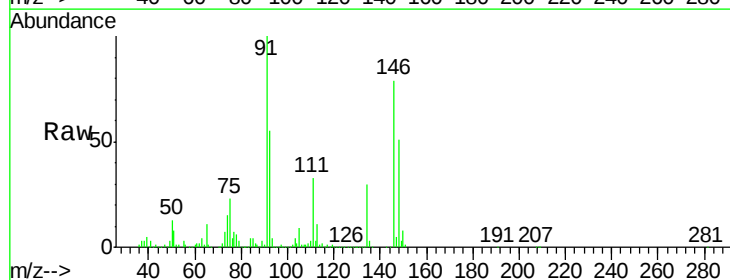
Tgt Ion:146 Resp: 325251

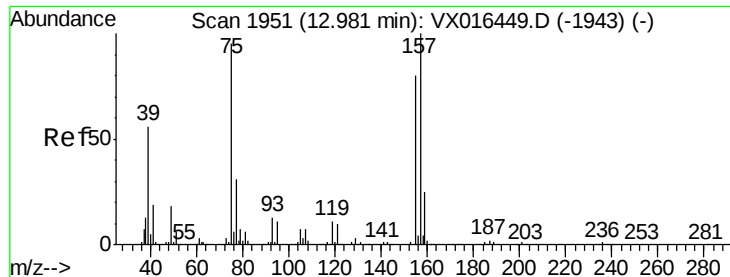
Ion Ratio Lower Upper

146 100

111 42.3 21.4 64.3

148 64.5 31.9 95.7





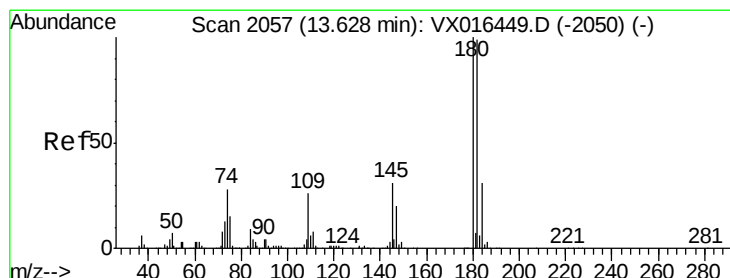
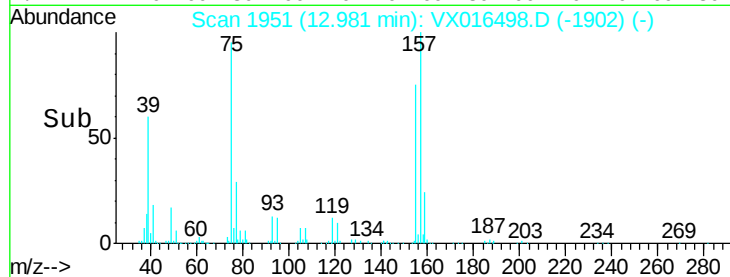
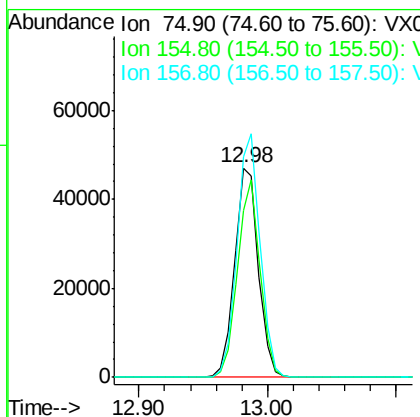
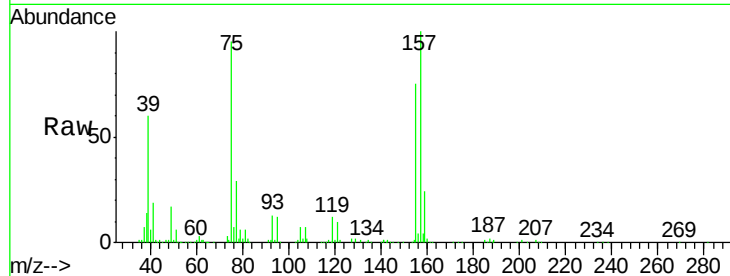
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.481 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016498.D
 Acq: 28 May 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	89.3	44.1	132.4
157	112.8	57.8	173.3

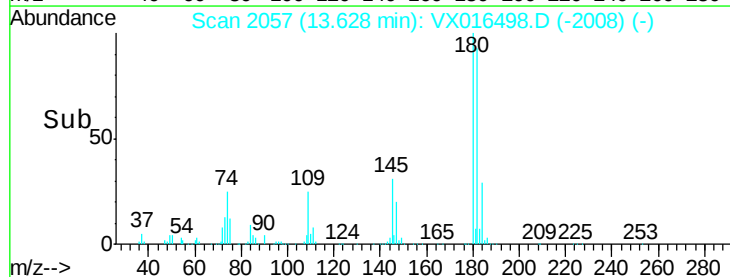
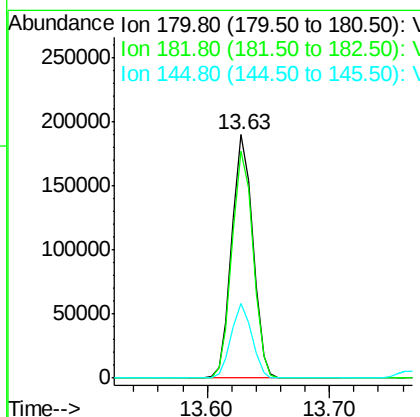
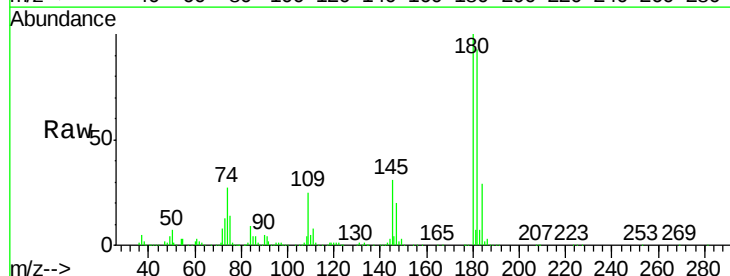
Manual Integrations
 APPROVED

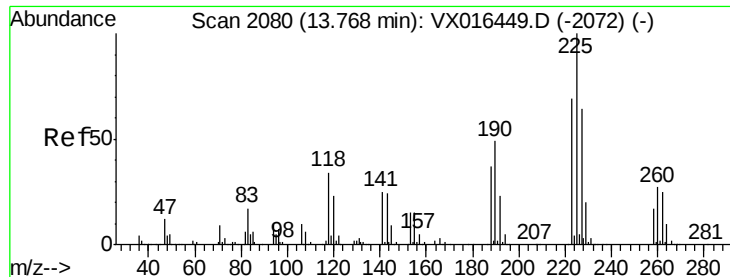
MMDadoda
 5/29/2020 10:57:54 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 56.286 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016498.D
 Acq: 28 May 2020 20:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.3	144.8
145	30.1	15.4	46.2





#94

Hexachlorobutadiene

Concen: 50.549 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Instrument :

MSVOA_X

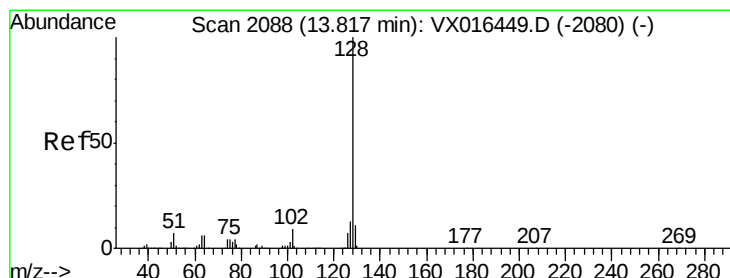
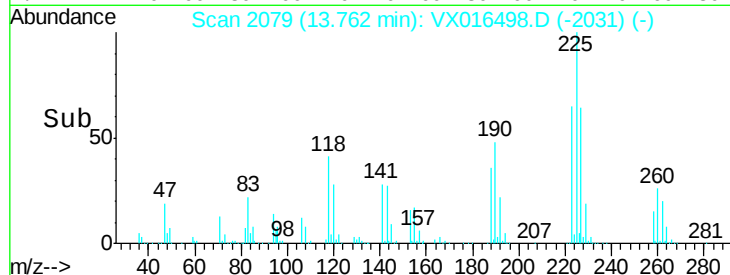
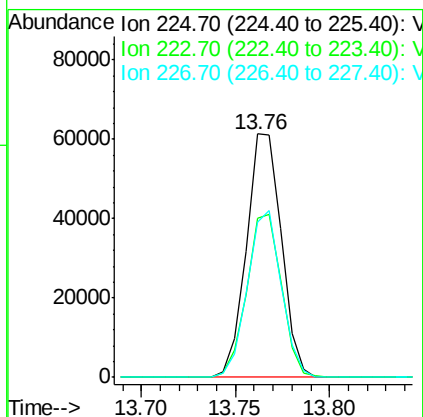
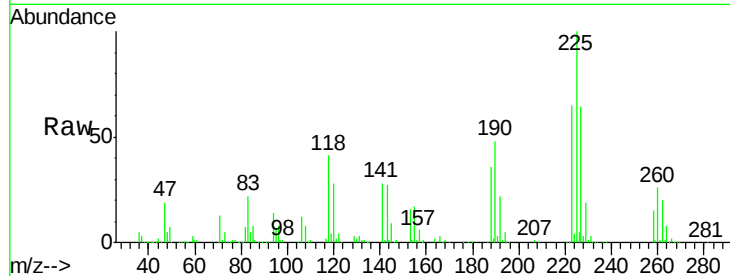
ClientSampleId :

WP022RW358-200526MSD

Tot Ion:	225	Resp:	79225
Ion Ratio		Lower	Upper
225	100		
223	66.5	32.3	96.8
227	65.9	31.6	94.7

Manual Integrations
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#95

Naphthalene

Concen: 55.441 ug/l

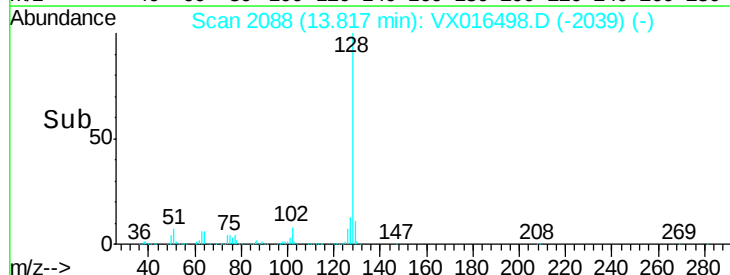
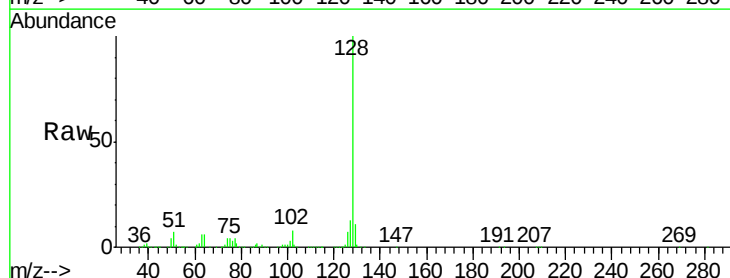
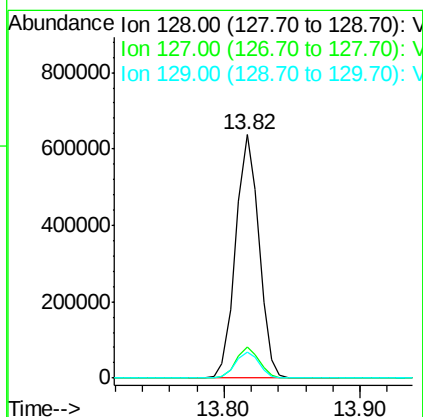
RT: 13.82 min Scan# 2088

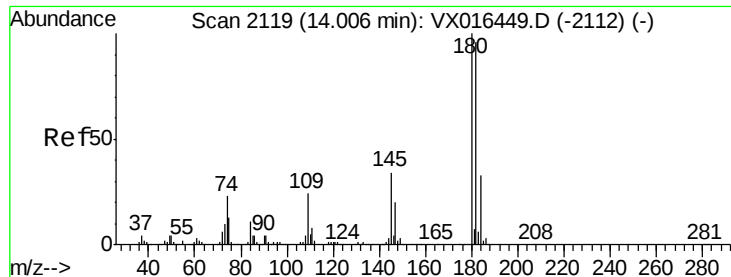
Delta R.T. -0.00 min

Lab File: VX016498.D

Acq: 28 May 2020 20:05

Tgt Ion:	128	Resp:	758676
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.6	15.8
129	11.0	8.6	13.0





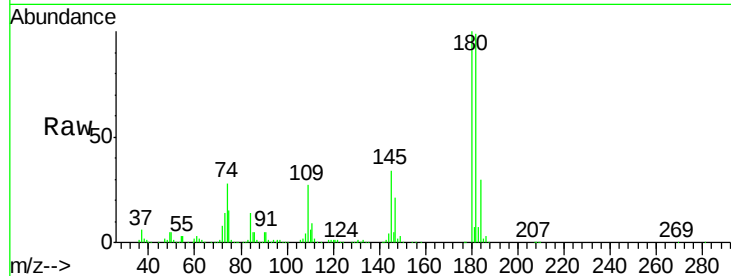
#96
 1,2,3-Trichlorobenzene
 Concen: 53.781 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX016498.D
 Acq: 28 May 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MSD

Tot Ion:	180	Resp:	210326
Ion Ratio	Lower	Upper	
180	100		
182	97.3	48.6	145.8
145	33.6	16.6	49.8

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

