

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062220\
 Data File : VX016925.D
 Acq On : 22 Jun 2020 17:21
 Operator : JC/SP
 Sample : VX0622WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 11:03:17 AM

Quant Time: Jun 23 08:07:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	386191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	585298	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	475406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241920	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	218726	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
35) Dibromofluoromethane	5.46	113	180090	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
50) Toluene-d8	8.70	98	665609	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	
62) 4-Bromofluorobenzene	11.12	95	227006	39.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	84143	17.754	ug/l	99
3) Chloromethane	1.31	50	84979	17.683	ug/l	99
4) Vinyl Chloride	1.39	62	96254	17.771	ug/l	99
5) Bromomethane	1.63	94	54322	16.657	ug/l	99
6) Chloroethane	1.72	64	56675	16.990	ug/l	99
7) Trichlorofluoromethane	1.92	101	126784	16.733	ug/l	100
8) Diethyl Ether	2.17	74	52781	17.916	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	71186	17.638	ug/l	96
10) Methyl Iodide	2.49	142	39462	10.271	ug/l	95
11) Tert butyl alcohol	3.01	59	73484	93.589	ug/l	99
12) 1,1-Dichloroethene	2.36	96	71289	17.274	ug/l	97
13) Acrolein	2.27	56	66128	138.909	ug/l	99
14) Allyl chloride	2.70	41	104705	19.180	ug/l	94
15) Acrylonitrile	3.11	53	177874	98.856	ug/l	98
16) Acetone	2.42	43	149155	88.462	ug/l	98
17) Carbon Disulfide	2.55	76	176475	16.546	ug/l	99
18) Methyl Acetate	2.75	43	89766	20.937	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	222004	18.876	ug/l	97
20) Methylene Chloride	2.84	84	70776	17.504	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	67296	17.275	ug/l	97
22) Diisopropyl ether	3.82	45	208994	19.982	ug/l	94
23) Vinyl Acetate	3.78	43	858407	99.532	ug/l	98
24) 1,1-Dichloroethane	3.67	63	120613	18.461	ug/l	99
25) 2-Butanone	4.63	43	229383	98.851	ug/l	98
26) 2,2-Dichloropropane	4.55	77	105822	17.289	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	78135	17.845	ug/l	99
28) Bromochloromethane	4.98	49	50853	18.754	ug/l	92
29) Tetrahydrofuran	5.09	42	150933	103.277	ug/l	96
30) Chloroform	5.18	83	128027	18.562	ug/l	97
31) Cyclohexane	5.55	56	131433	22.883	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	130059	19.923	ug/l	98
36) 1,1-Dichloropropene	5.77	75	108493	20.076	ug/l	98
37) Ethyl Acetate	4.79	43	93628	19.608	ug/l	99
38) Carbon Tetrachloride	5.75	117	112368	18.531	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 ClientSampleID :
 VX0622WBSD01

Manual Integrations
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Quant Time: Jun 23 08:07:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	127965	20.364	ug/l	99
40) Benzene	6.11	78	339952	20.964	ug/l	100
41) Methacrylonitrile	5.00	41	51060	19.697	ug/l	97
42) 1,2-Dichloroethane	6.16	62	117023	20.280	ug/l	100
43) Isopropyl Acetate	6.41	43	181643	21.784	ug/l	98
44) Trichloroethene	7.19	130	90979	18.320	ug/l	95
45) 1,2-Dichloropropane	7.49	63	84497	20.728	ug/l	95
46) Dibromomethane	7.63	93	55907	20.223	ug/l	97
47) Bromodichloromethane	7.87	83	116114	19.749	ug/l	100
48) Methyl methacrylate	7.74	41	85941	21.887	ug/l	97
49) 1,4-Dioxane	7.71	88	39203	446.023	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	554110	110.485	ug/l	98
52) Toluene	8.76	92	207915	19.328	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	121302	18.766	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	144613	20.913	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	72355	17.815	ug/l	99
56) Ethyl methacrylate	9.16	69	107098	18.215	ug/l	99
57) 1,3-Dichloropropane	9.35	76	120206	17.458	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	289391	105.776	ug/l	98
59) 2-Hexanone	9.47	43	334854	92.199	ug/l	100
60) Dibromochloromethane	9.56	129	81408	16.708	ug/l	100
61) 1,2-Dibromoethane	9.65	107	75232	17.068	ug/l	98
64) Tetrachloroethene	9.32	164	77037	17.499	ug/l	99
65) Chlorobenzene	10.12	112	192925	20.040	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	73927	19.814	ug/l	98
67) Ethyl Benzene	10.24	91	336444	20.713	ug/l	99
68) m/p-Xylenes	10.34	106	258670	40.925	ug/l	99
69) o-Xylene	10.68	106	123353	21.106	ug/l	98
70) Styrene	10.70	104	214439	21.595	ug/l	99
71) Bromoform	10.84	173	62067	19.786	ug/l	100
73) Isopropylbenzene	11.00	105	339152	21.774	ug/l	100
74) N-amyl acetate	10.88	43	139226	25.598	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	97823	22.241	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	97769m	22.128	ug/l	
77) Bromobenzene	11.24	156	87043	20.490	ug/l	96
78) n-propylbenzene	11.34	91	373491	21.486	ug/l	100
79) 2-Chlorotoluene	11.40	91	223231	20.989	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	284497	21.169	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	36303	20.121	ug/l	99
82) 4-Chlorotoluene	11.49	91	266674	20.900	ug/l	99
83) tert-Butylbenzene	11.76	119	272926	20.525	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	290941	21.016	ug/l	99
85) sec-Butylbenzene	11.93	105	321090	20.792	ug/l	99
86) p-Isopropyltoluene	12.05	119	300340	21.226	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	153873	19.827	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	155724	19.840	ug/l	99
89) n-Butylbenzene	12.37	91	251101	20.695	ug/l	100
90) Hexachloroethane	12.58	117	52082	20.434	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	148874	19.870	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21947	21.045	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

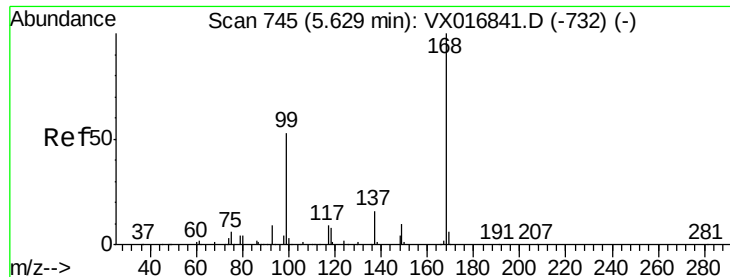
Manual Integrations
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Quant Time: Jun 23 08:07:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	108957	21.657	ug/l	100
94) Hexachlorobutadiene	13.77	225	45716	20.137	ug/l	98
95) Naphthalene	13.82	128	332821	22.533	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	123525	24.620	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

Tot Ion:168 Resp: 386191

Ion Ratio Lower Upper

168 100

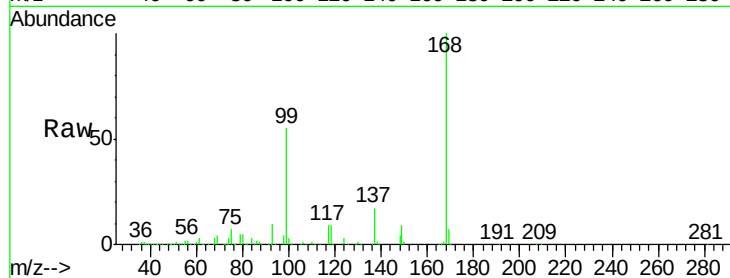
99 55.1 42.2 63.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

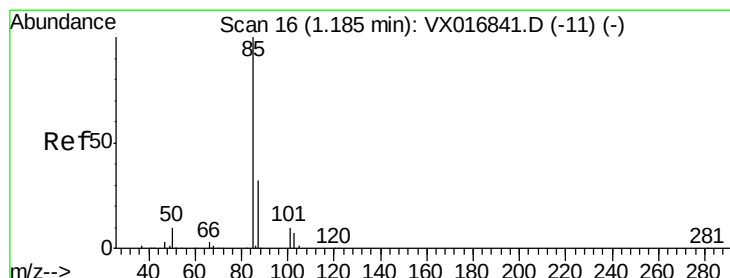
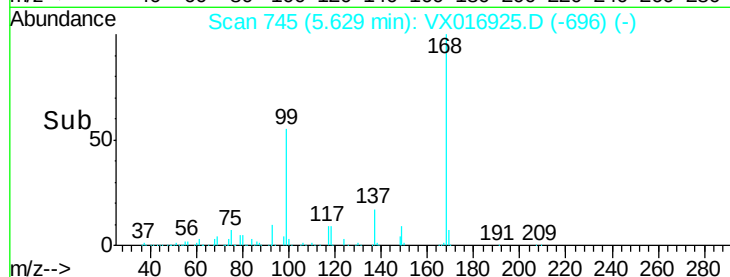
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.754 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016925.D

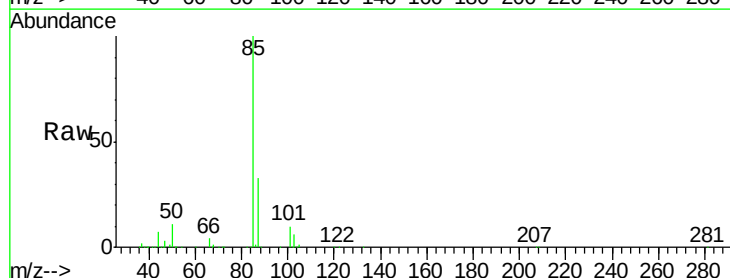
Acq: 22 Jun 2020 17:21

Tgt Ion: 85 Resp: 84143

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

80000

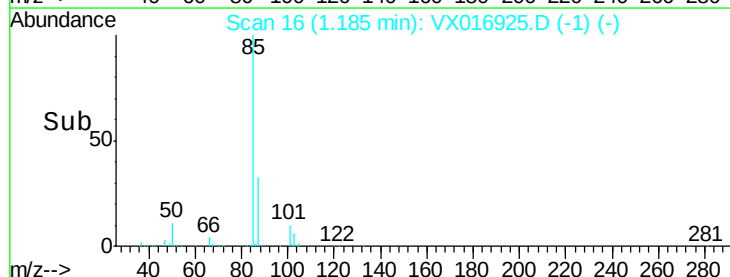
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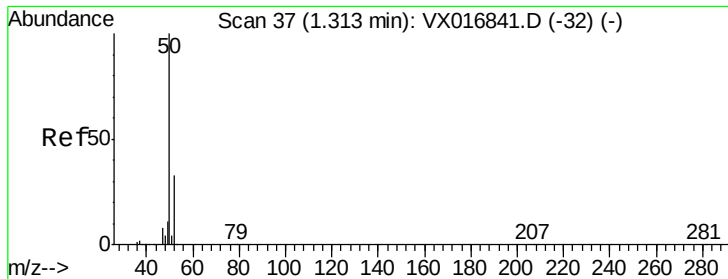
40000

20000

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Time-->





#3

Chloromethane

Concen: 17.683 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

Tot Ion: 50 Resp: 84979

Ion Ratio Lower Upper

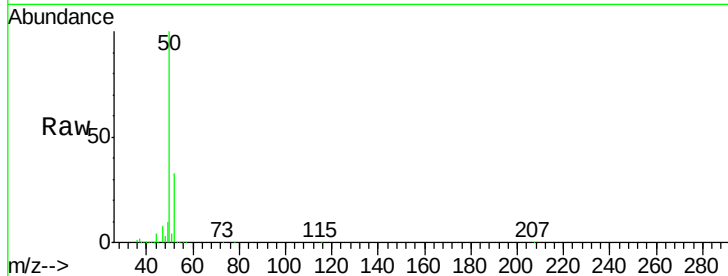
50 100

52 33.0 26.1 39.1

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

100000

80000

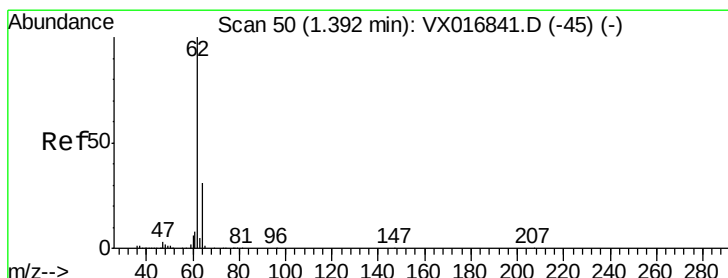
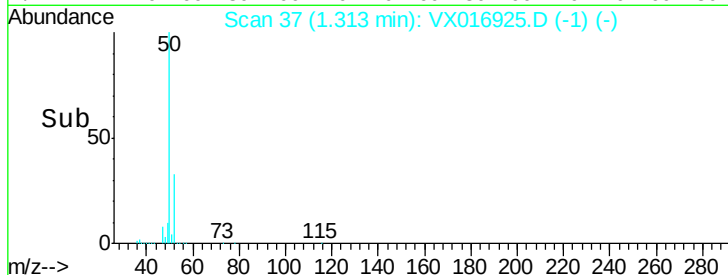
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 17.771 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016925.D

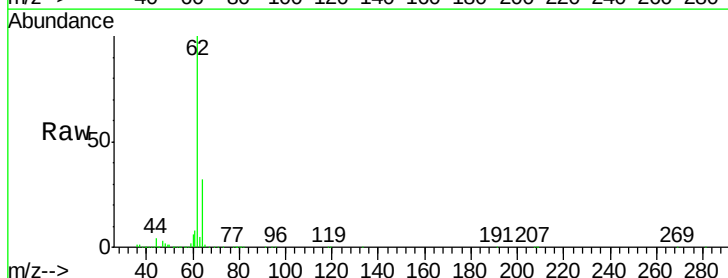
Acq: 22 Jun 2020 17:21

Tgt Ion: 62 Resp: 96254

Ion Ratio Lower Upper

62 100

64 31.7 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

100000

80000

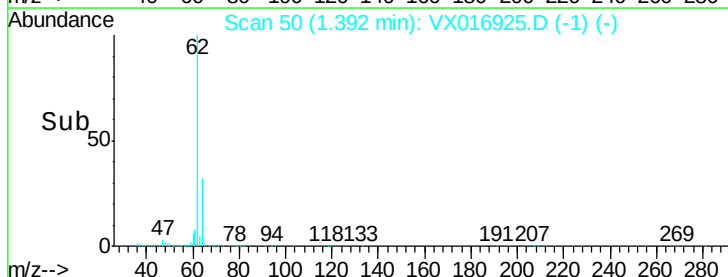
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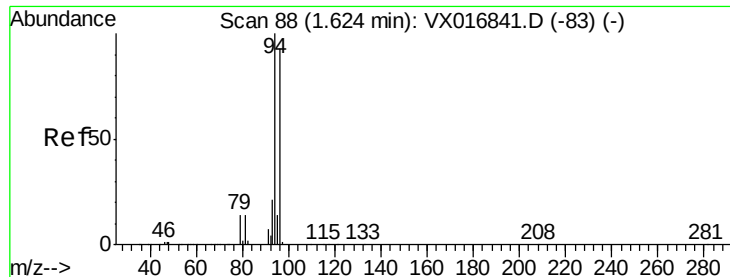
40000

20000

0

Time-->





#5

Bromomethane

Concen: 16.657 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

Tot Ion: 94 Resp: 54322

Ion Ratio Lower Upper

94 100

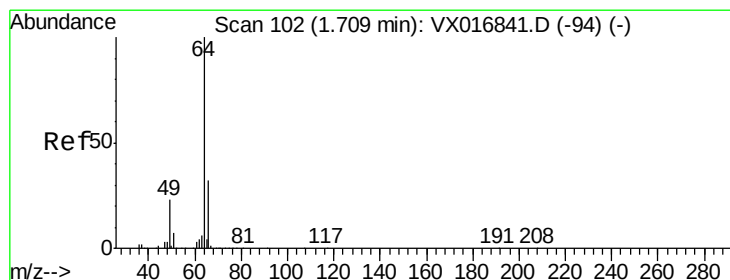
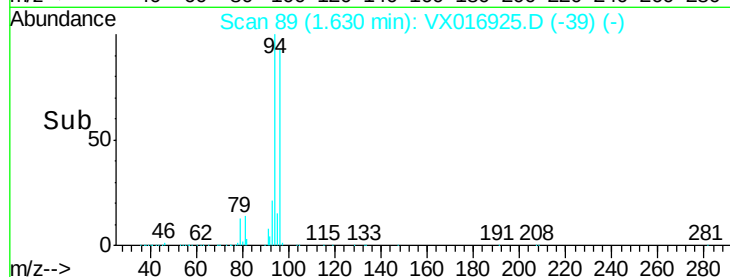
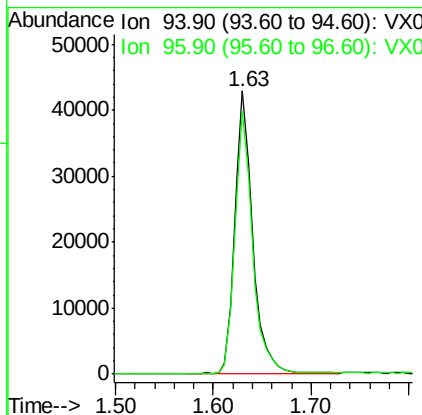
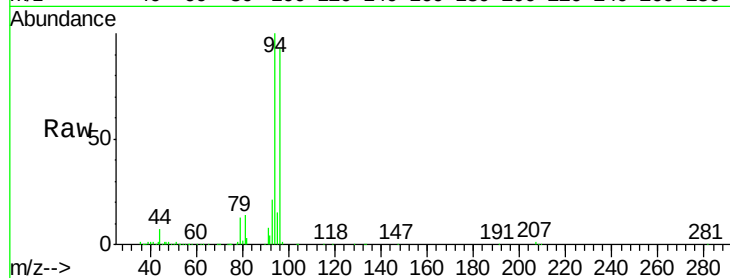
96 92.5 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 16.990 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016925.D

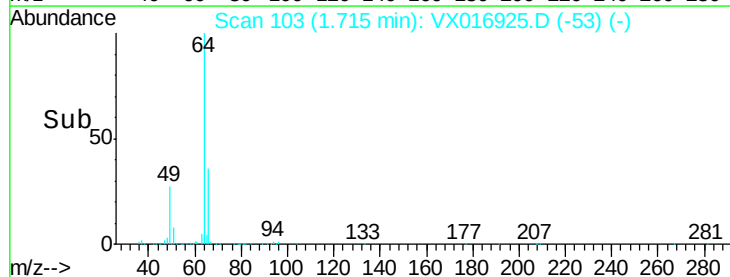
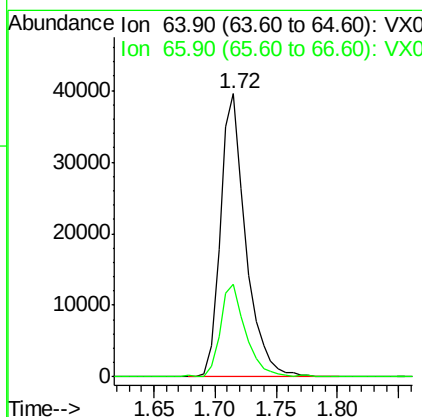
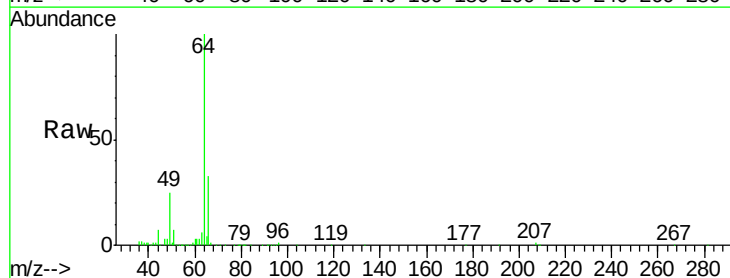
Acq: 22 Jun 2020 17:21

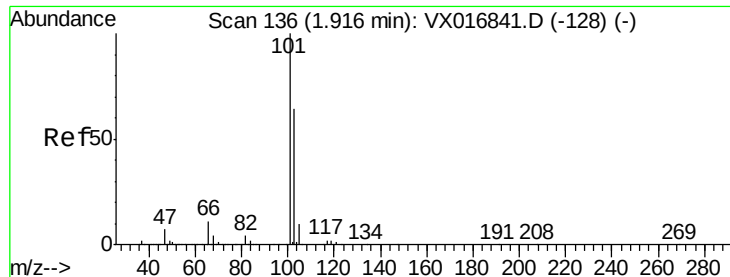
Tgt Ion: 64 Resp: 56675

Ion Ratio Lower Upper

64 100

66 32.4 25.7 38.5





#7

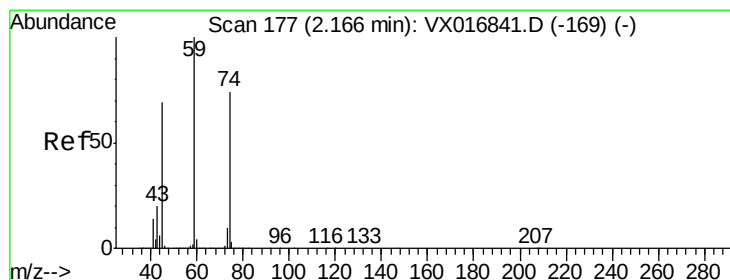
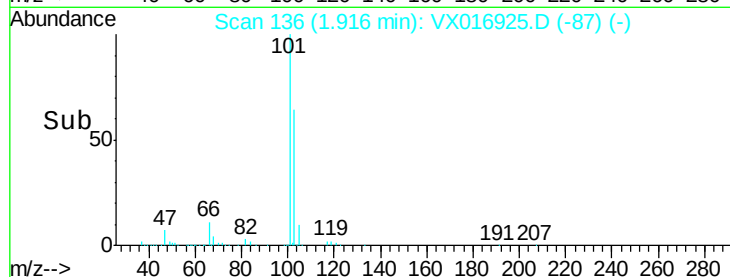
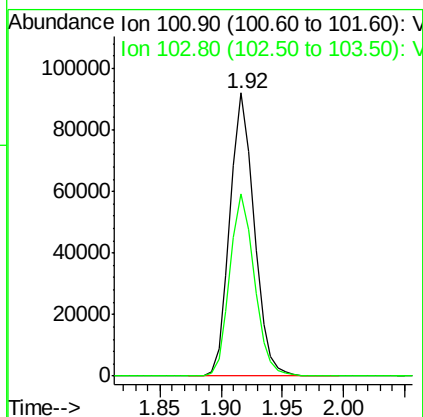
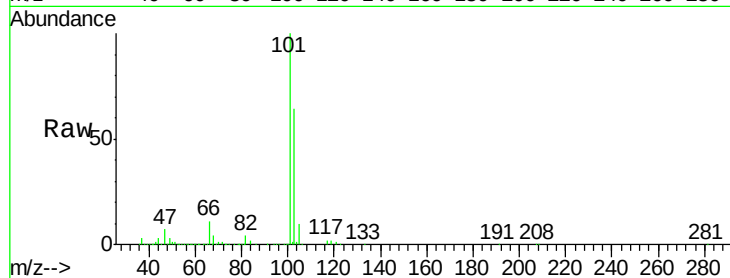
Trichlorofluoromethane
Concen: 16.733 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.2	76.8

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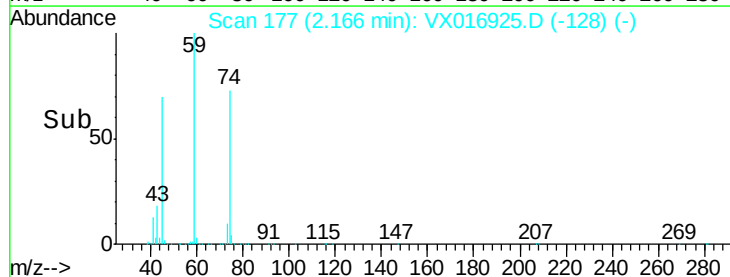
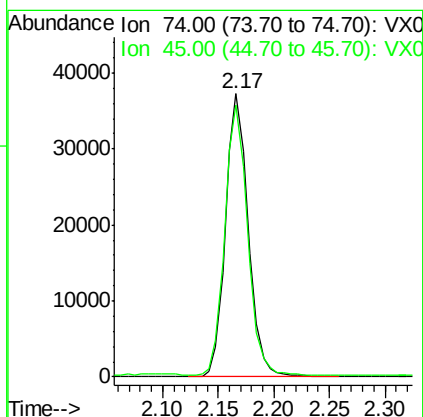
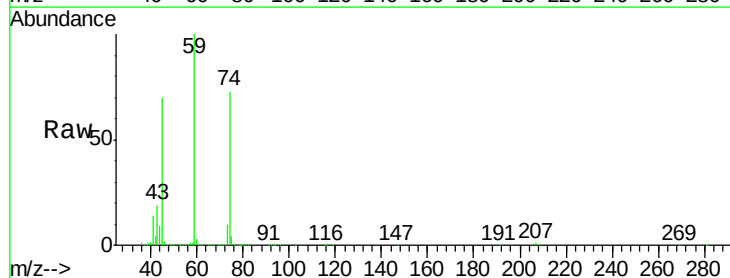
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6/23/2020 11:03:17 AM

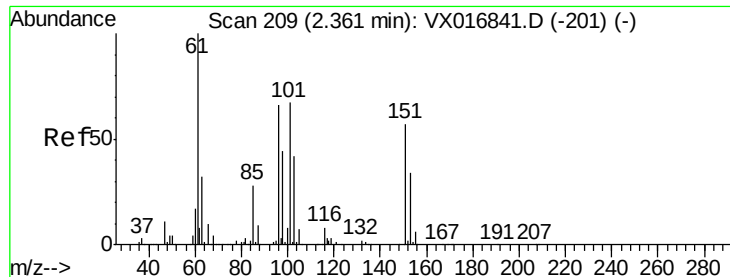


#8

Diethyl Ether
Concen: 17.916 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.638 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

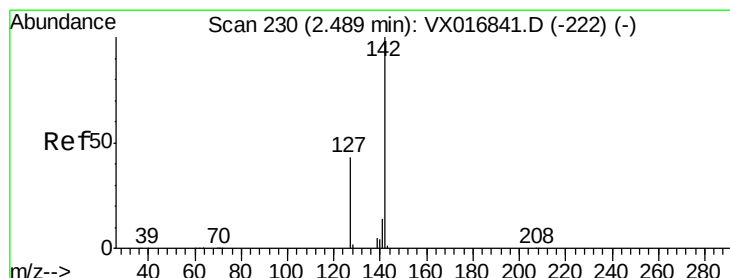
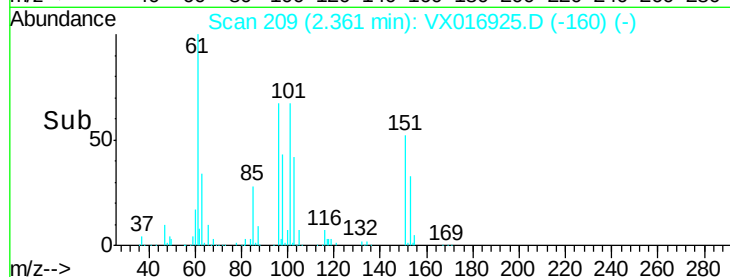
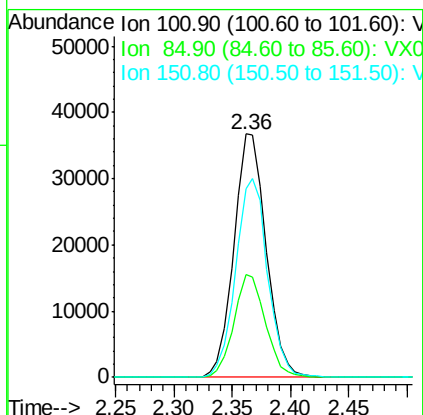
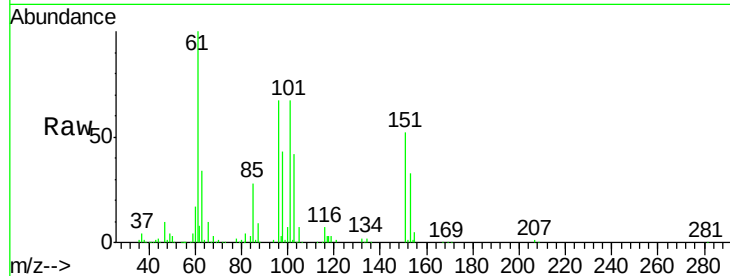
ClientSampleId :

VX0622WBSD01

Tot Ion:	101	Resp:	71186
Ion Ratio	Lower	Upper	
101	100		
85	41.3	34.3	51.5
151	80.7	67.6	101.4

Manual Integrations
APPROVED

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6/23/2020 11:03:17 AM



#10

Methyl Iodide

Concen: 10.271 ug/l

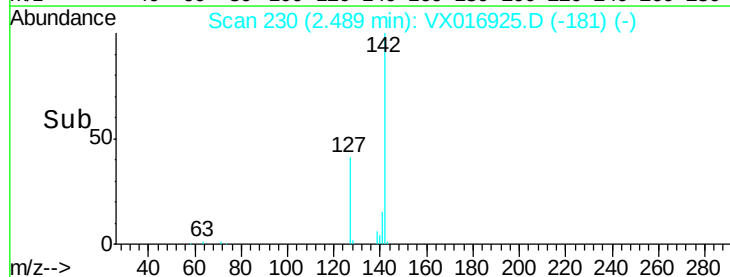
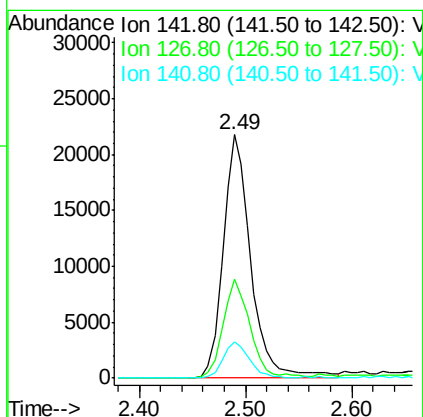
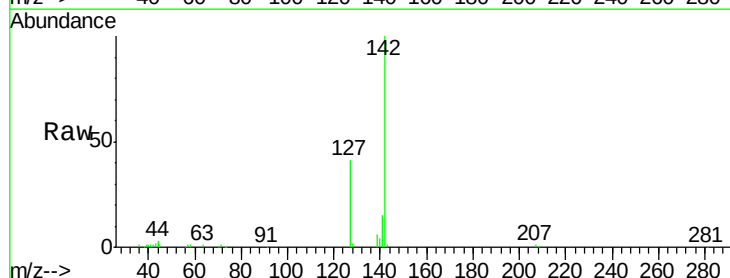
RT: 2.49 min Scan# 230

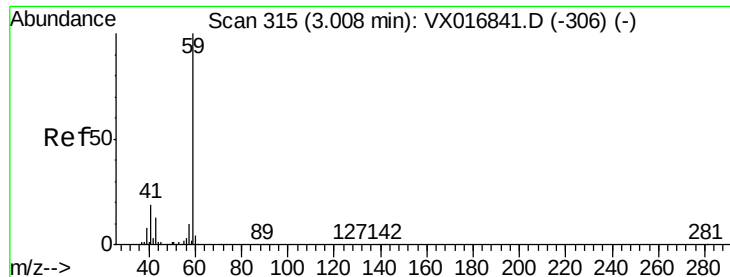
Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Tgt Ion:	142	Resp:	39462
Ion Ratio	Lower	Upper	
142	100		
127	39.9	35.1	52.7
141	14.3	11.6	17.4





#11

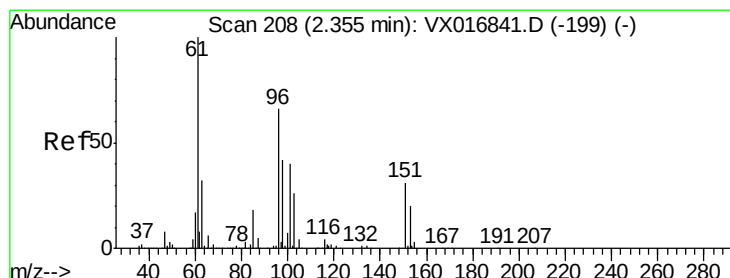
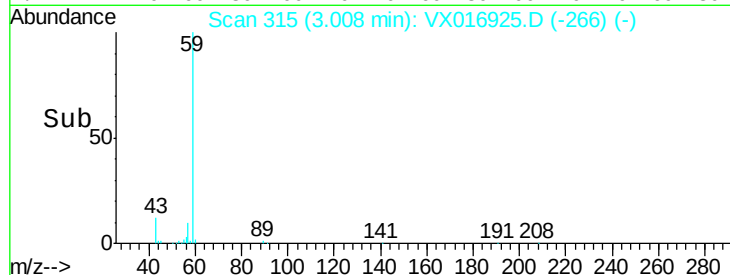
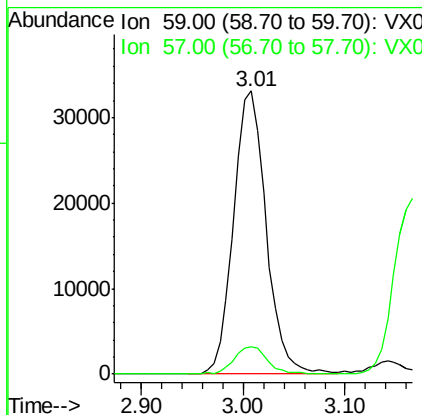
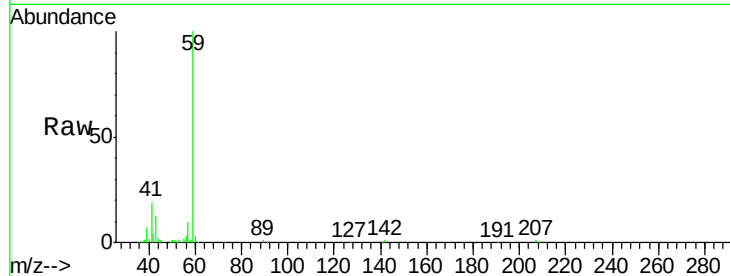
Tert butyl alcohol
 Concen: 93.589 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX016925.D
 Acq: 22 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

Tot Ion	59	Resp	73484
Ion Ratio	100	Lower	Upper
57	10.1	8.4	12.6

Manual Integrations
 APPROVED

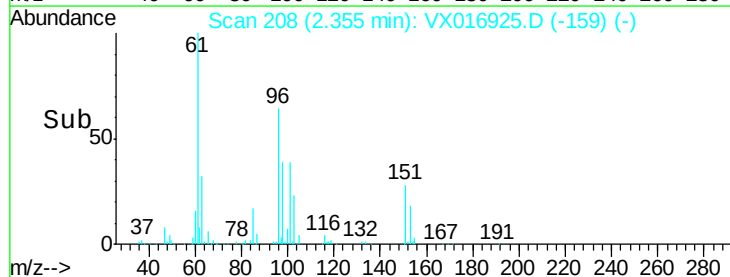
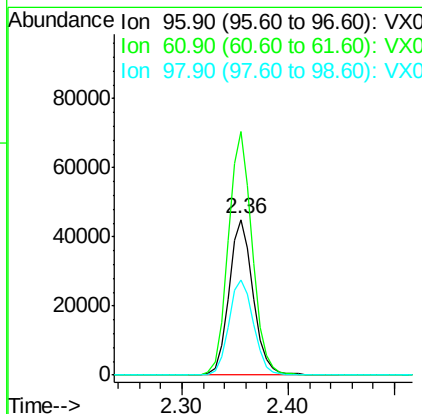
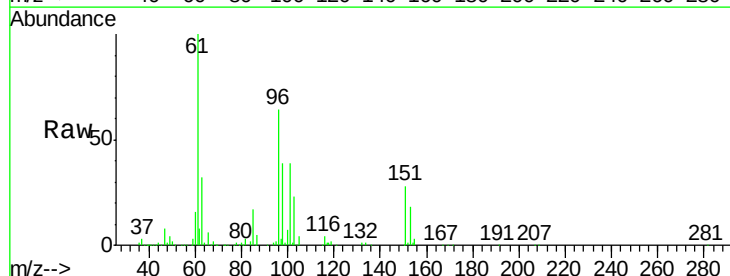
MMDadoda
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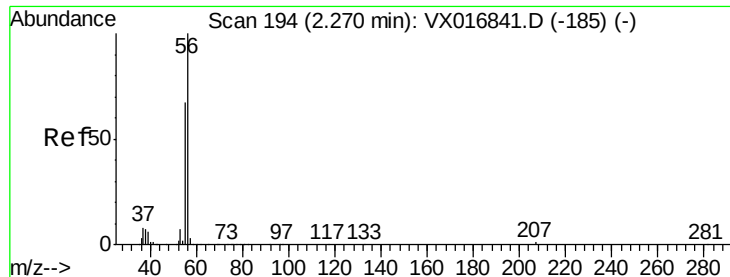


#12

1,1-Dichloroethene
 Concen: 17.274 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016925.D
 Acq: 22 Jun 2020 17:21

Tgt Ion	96	Resp	71289
Ion Ratio	100	Lower	Upper
61	156.5	121.7	182.5
98	61.2	51.1	76.7





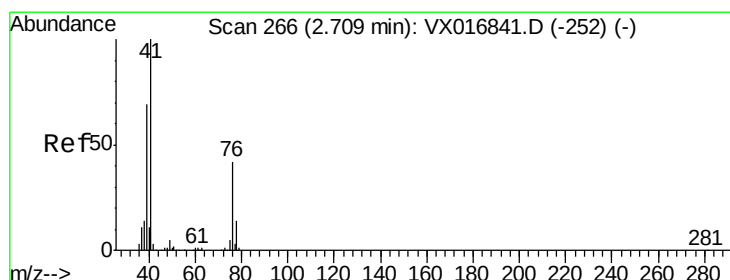
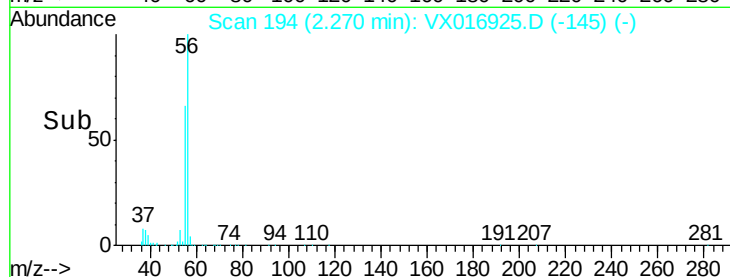
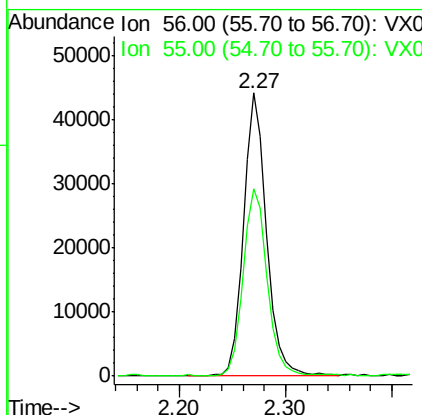
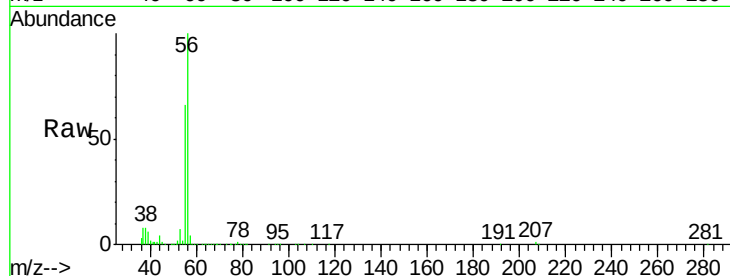
#13
Acrolein
Concen: 138.909 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.2	55.7	83.5

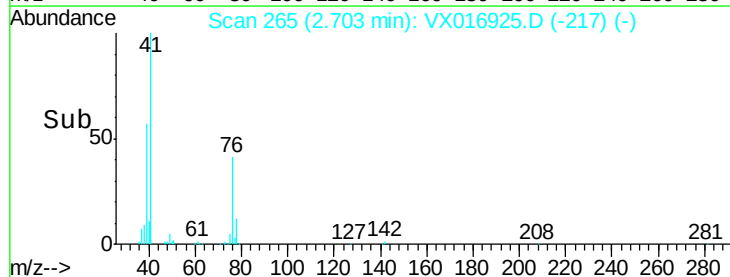
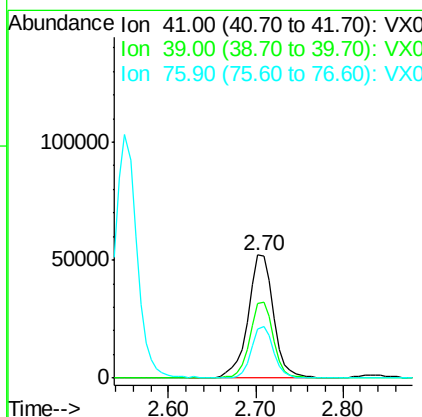
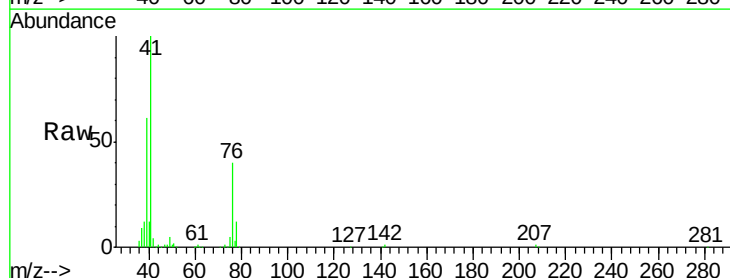
Manual Integrations
APPROVED

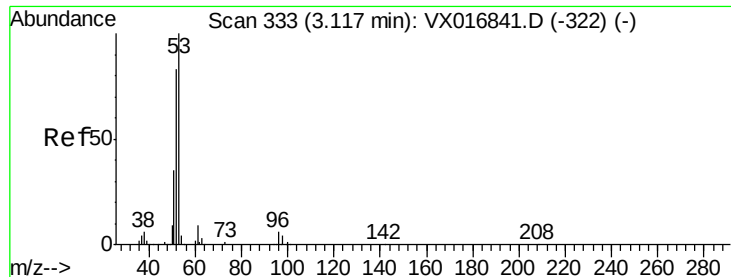
MMDadoda
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#14
Allyl chloride
Concen: 19.180 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.5	50.7	76.1
76	36.4	30.9	46.3





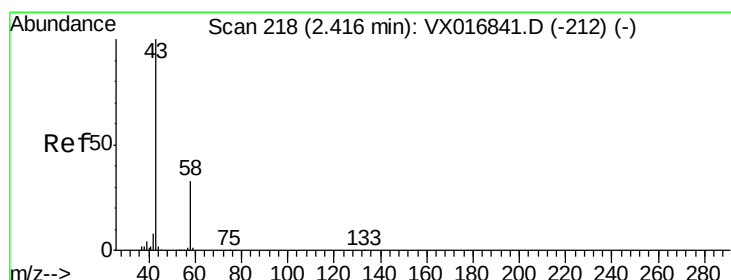
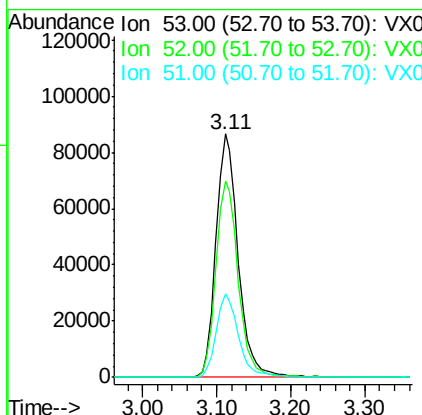
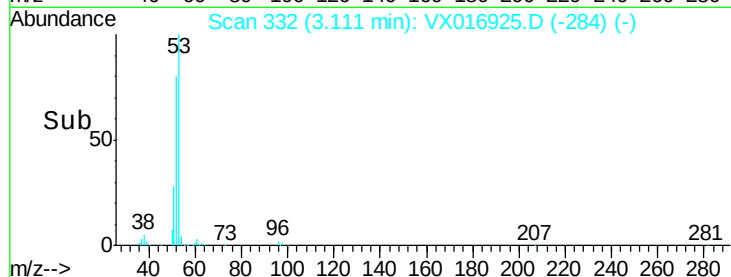
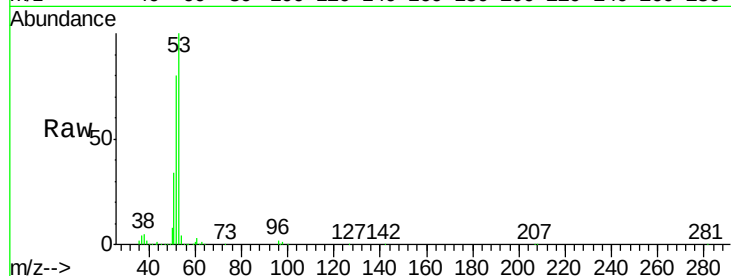
#15
Acrylonitrile
Concen: 98.856 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.2	99.2
51	34.7	28.7	43.1

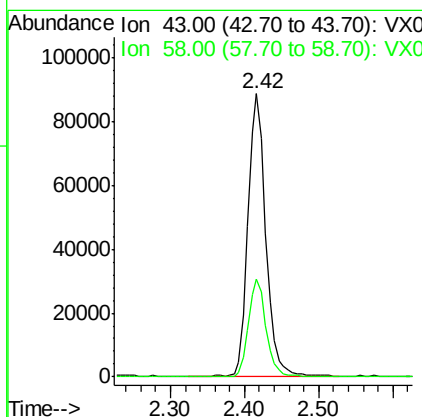
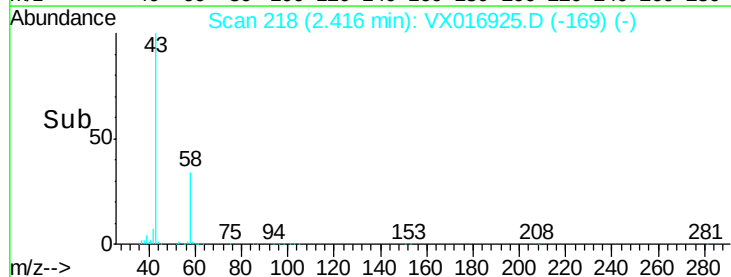
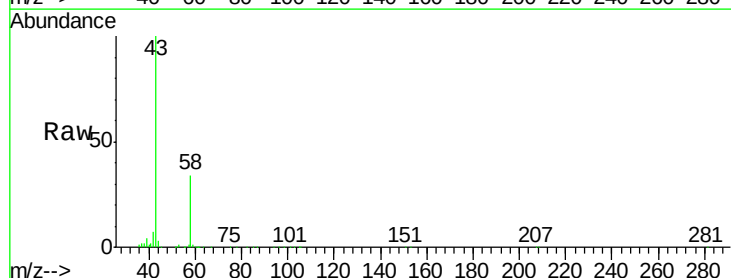
Manual Integrations
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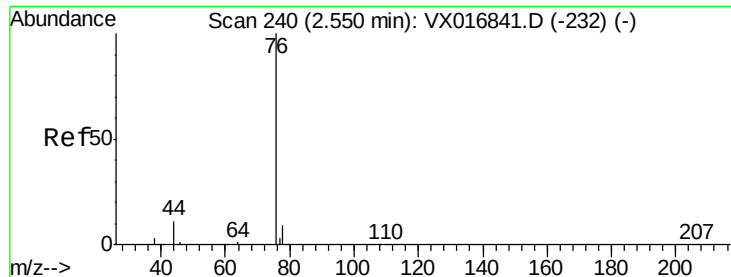
MMDadoda
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#16
Acetone
Concen: 88.462 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.3	26.6	39.8





#17

Carbon Disulfide

Concen: 16.546 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

Tot Ion: 76 Resp: 176475

Ion Ratio Lower Upper

76 100

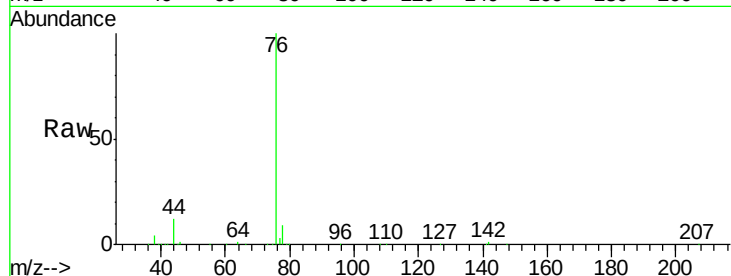
78 9.2 7.5 11.3

Manual Integrations

APPROVED

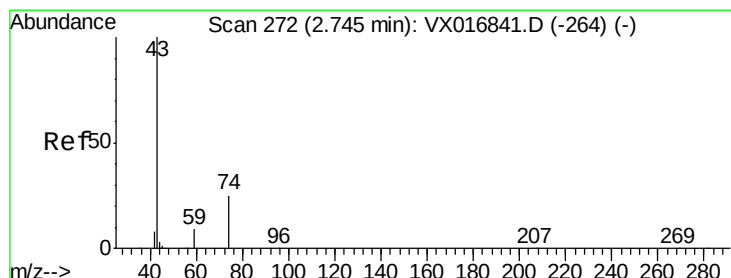
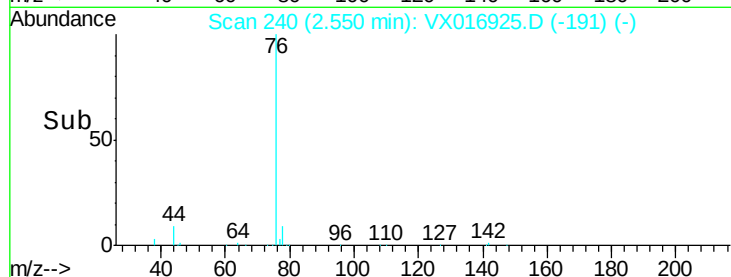
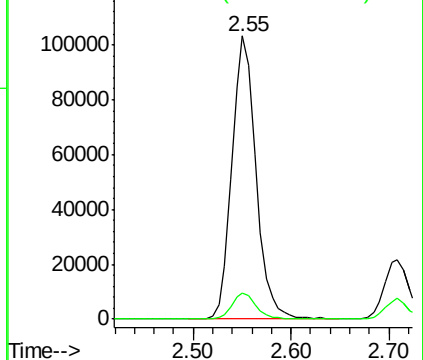
MMDadoda

6/23/2020 11:03:17 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.937 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016925.D

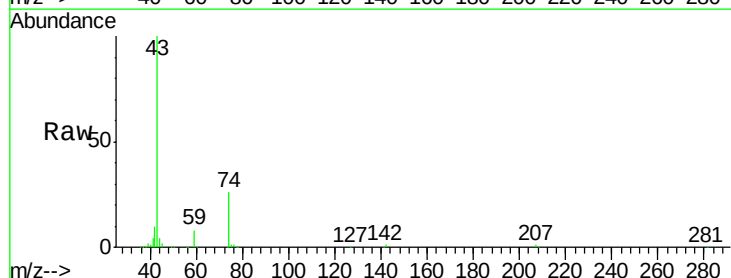
Acq: 22 Jun 2020 17:21

Tgt Ion: 43 Resp: 89766

Ion Ratio Lower Upper

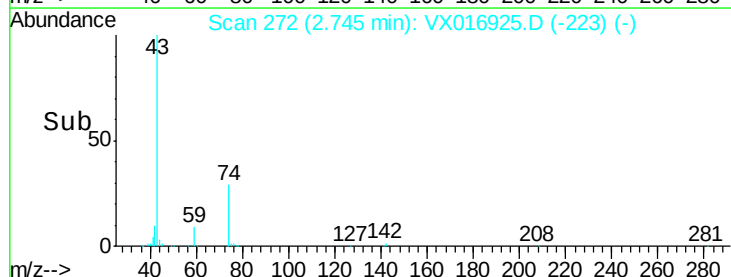
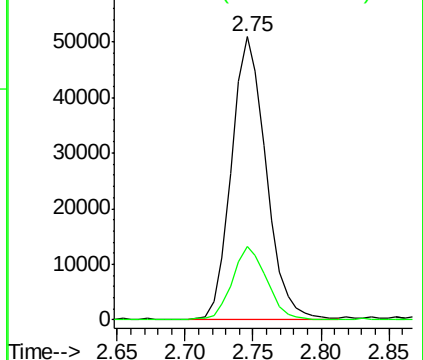
43 100

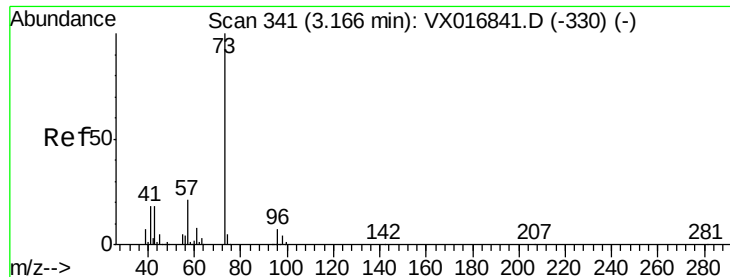
74 26.2 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





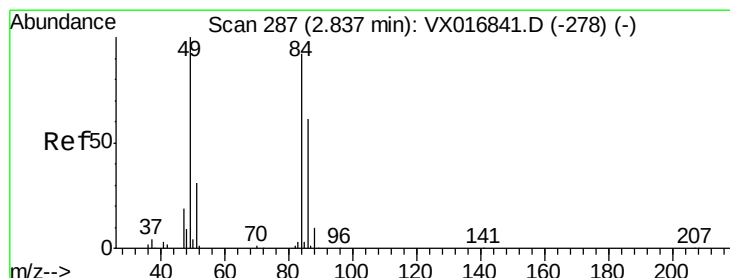
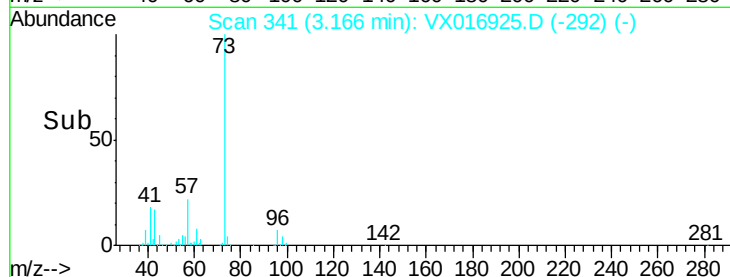
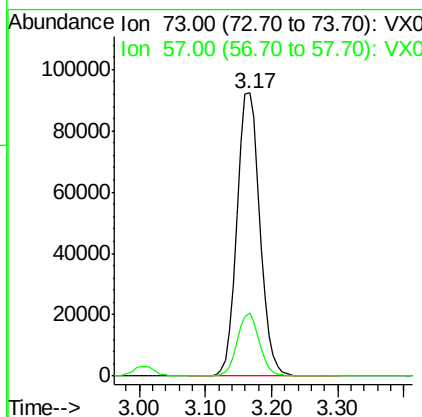
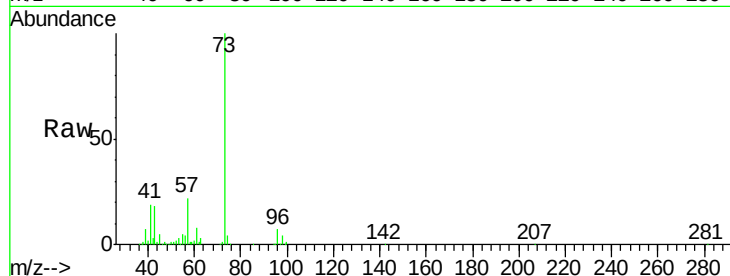
#19
Methyl tert-butyl Ether
Concen: 18.876 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	16.9	25.3

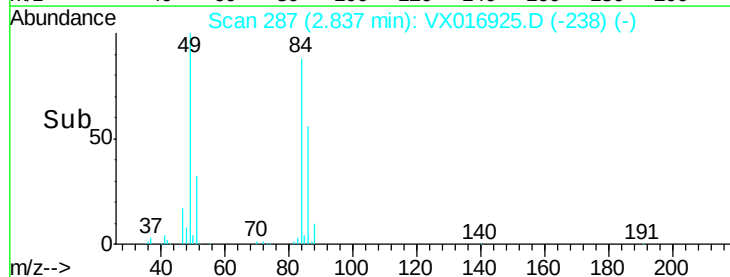
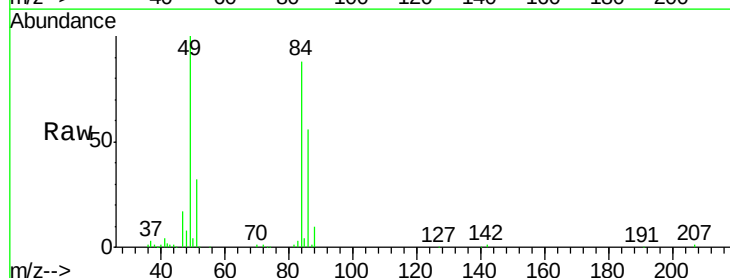
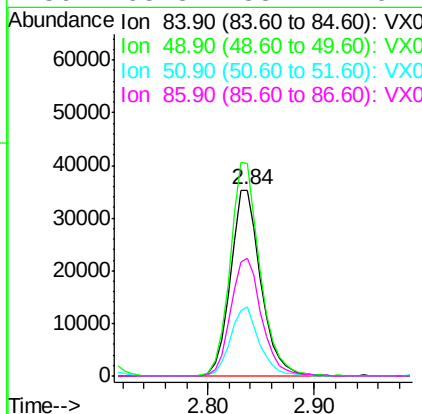
Manual Integrations
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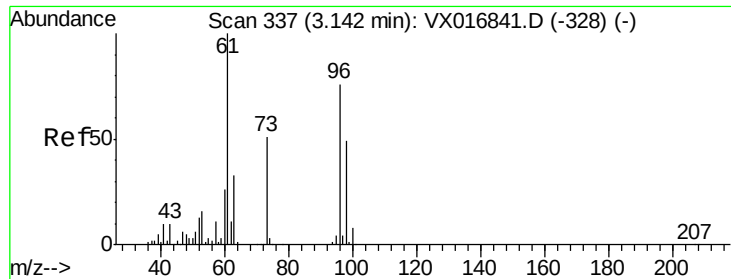
MMDadoda
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#20
Methylene Chloride
Concen: 17.504 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.9	86.6	129.8
51	36.9	27.1	40.7
86	63.3	53.1	79.7





#21

trans-1,2-Dichloroethene

Concen: 17.275 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

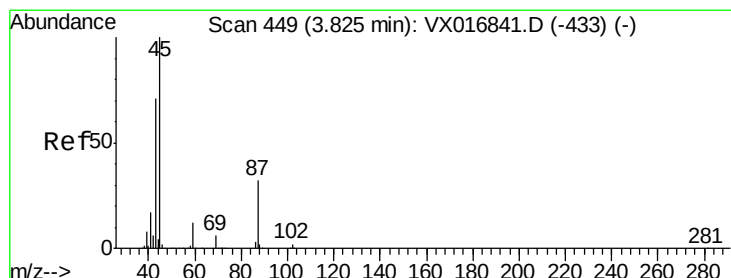
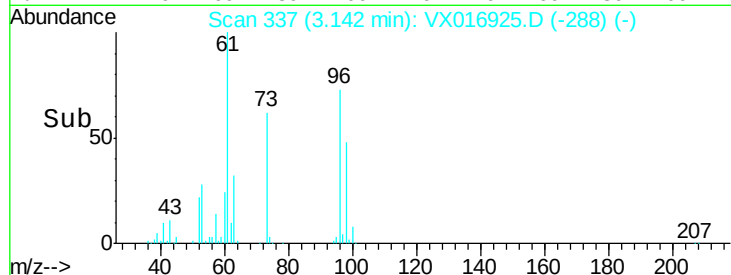
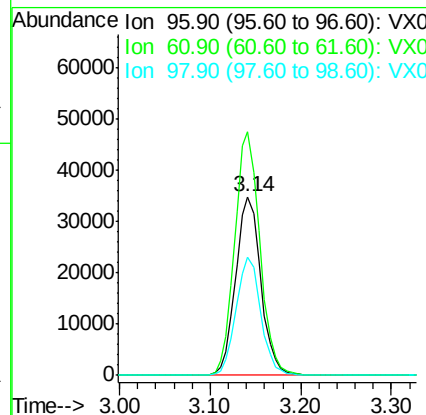
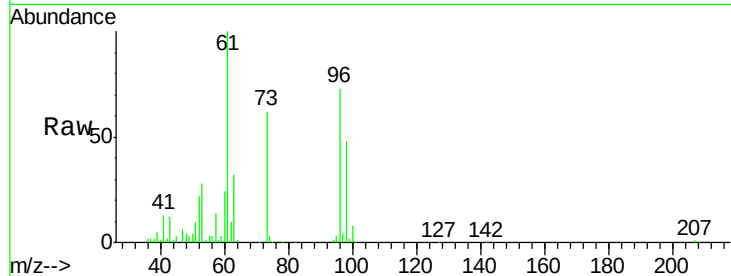
ClientSampleId :

VX0622WBSD01

Tot Ion:	96	Resp:	67296
Ion	Ratio	Lower	Upper
96	100		
61	136.3	105.4	158.0
98	65.8	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.982 ug/l

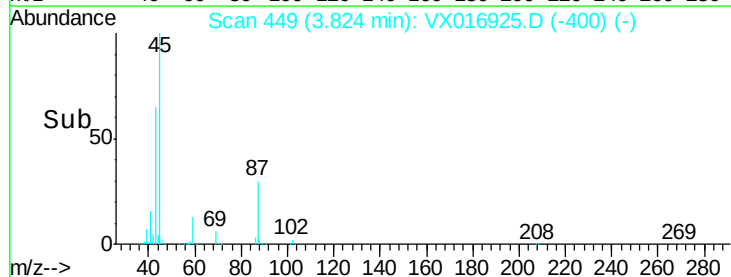
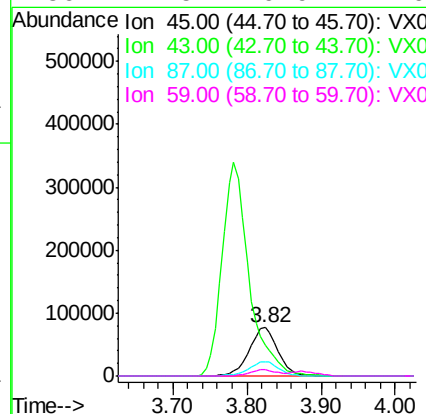
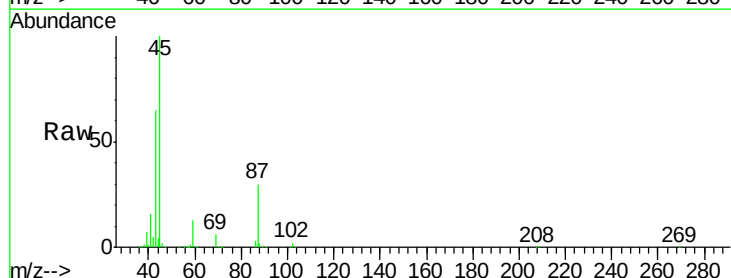
RT: 3.82 min Scan# 449

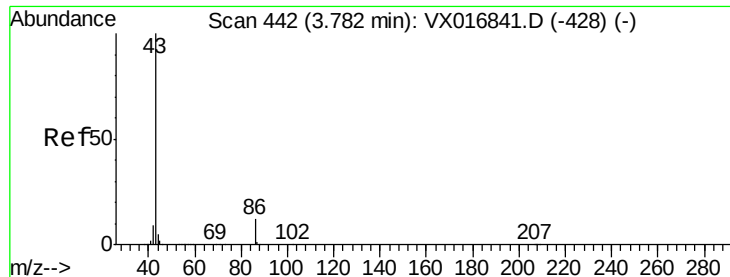
Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Tgt Ion:	45	Resp:	208994
Ion	Ratio	Lower	Upper
45	100		
43	64.9	57.0	85.4
87	29.9	25.2	37.8
59	12.5	9.9	14.9





#23

Vinyl Acetate

Concen: 99.532 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

Tot Ion: 43 Resp: 858407

Ion Ratio Lower Upper

43 100

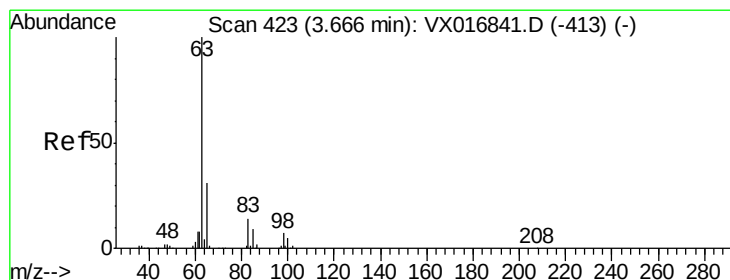
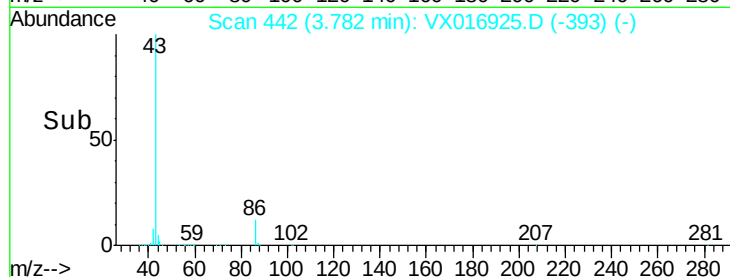
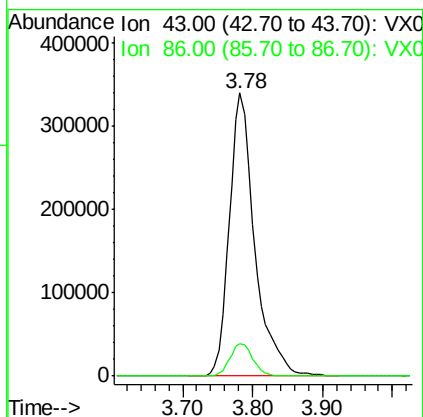
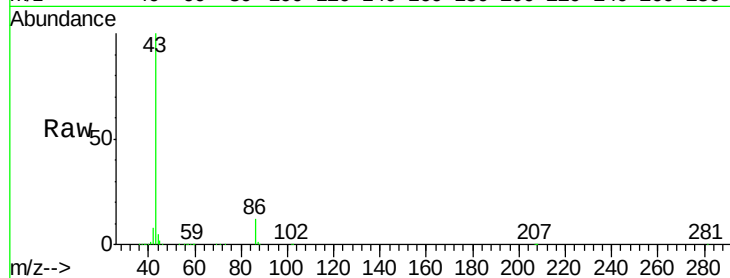
86 11.7 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.461 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

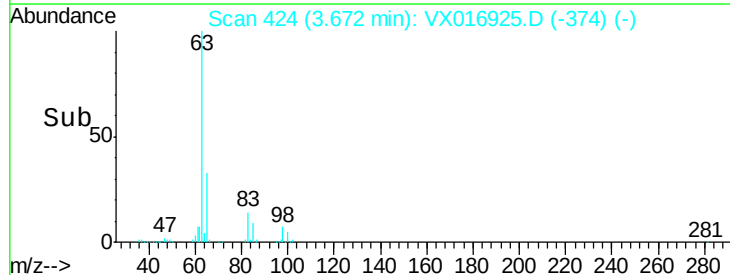
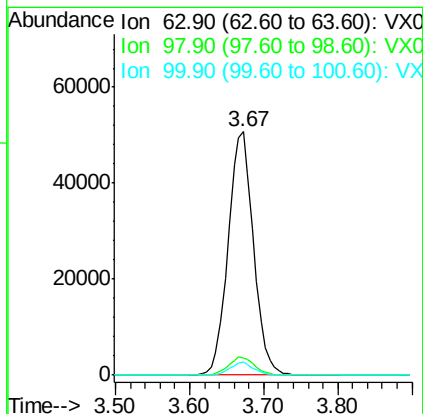
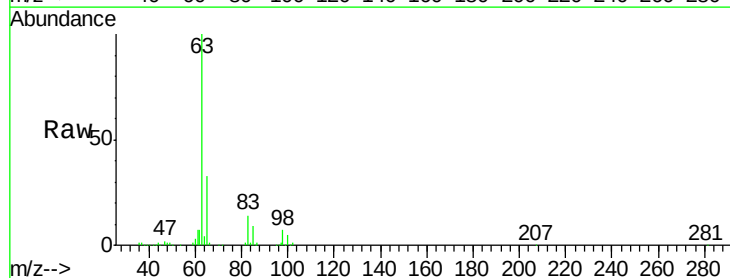
Tgt Ion: 63 Resp: 120613

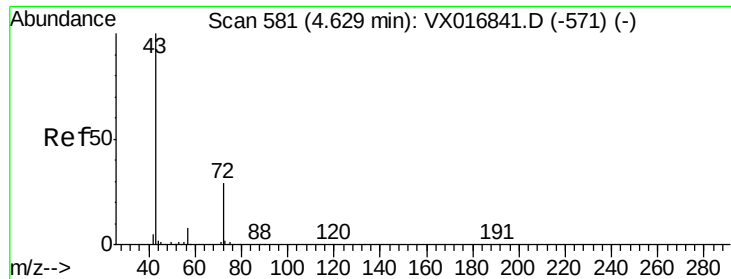
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 5.3 2.4 7.1





#25

2-Butanone

Concen: 98.851 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

Tot Ion: 43 Resp: 229383

Ion Ratio Lower Upper

43 100

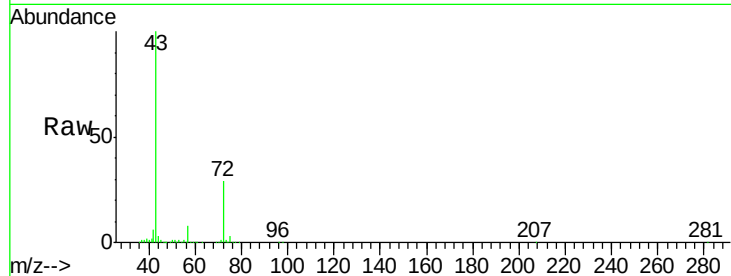
72 28.5 23.5 35.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

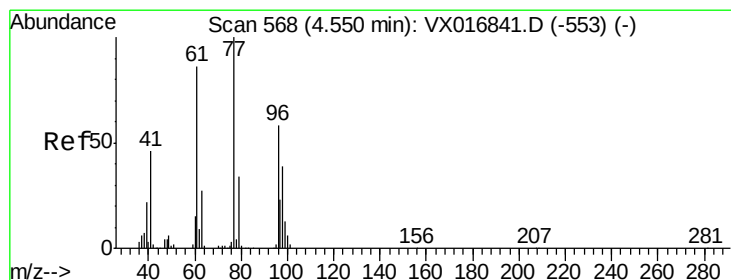
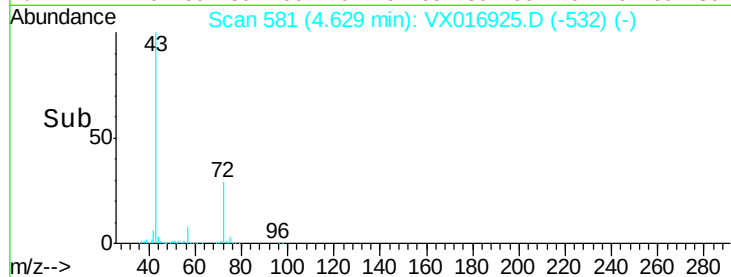
40000

20000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 17.289 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016925.D

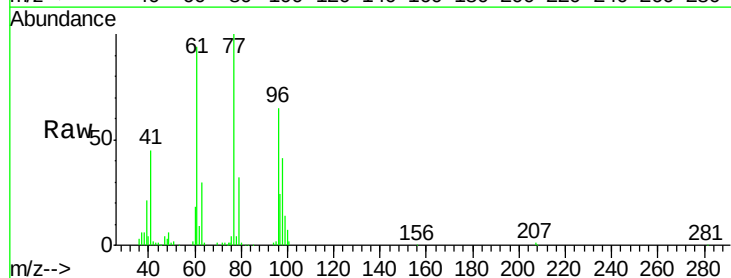
Acq: 22 Jun 2020 17:21

Tgt Ion: 77 Resp: 105822

Ion Ratio Lower Upper

77 100

97 24.1 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

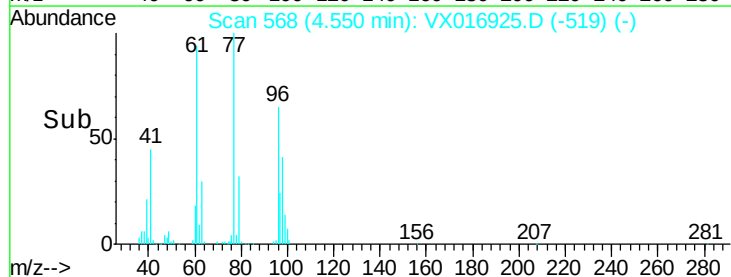
20000

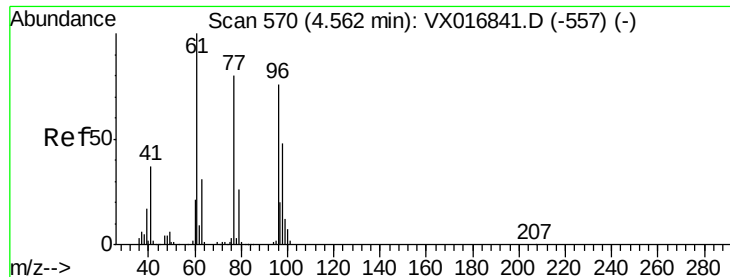
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

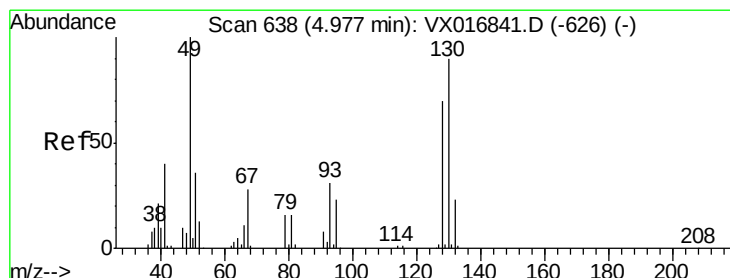
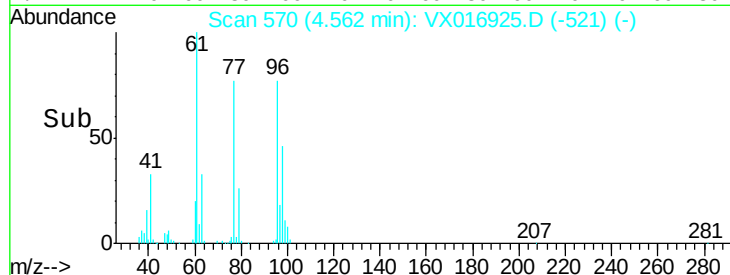
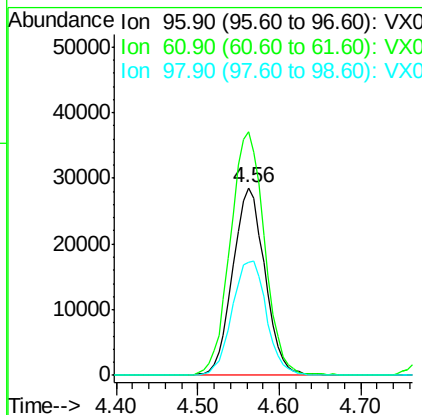
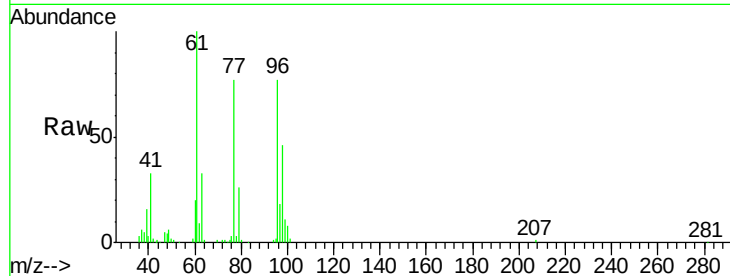
cis-1,2-Dichloroethene
Concen: 17.845 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	273.8
98	65.0	0.0	129.0

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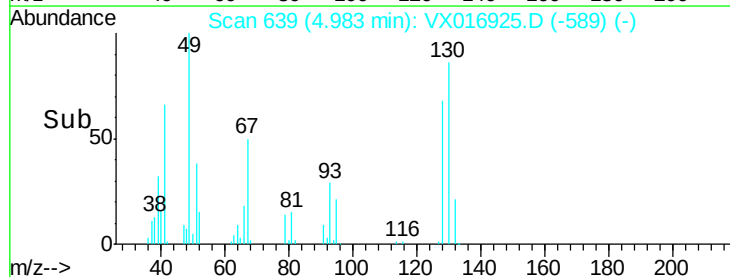
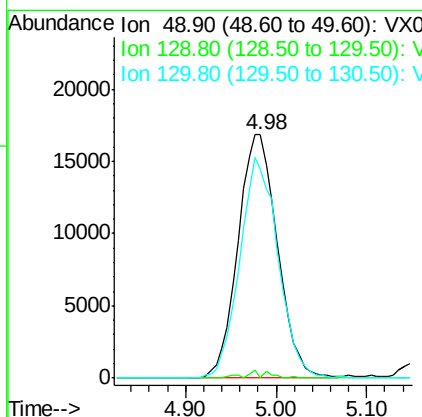
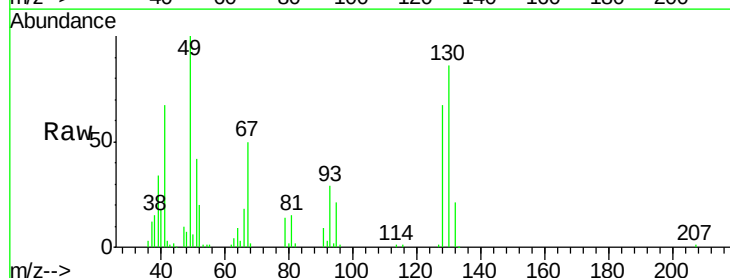
MMDadoda
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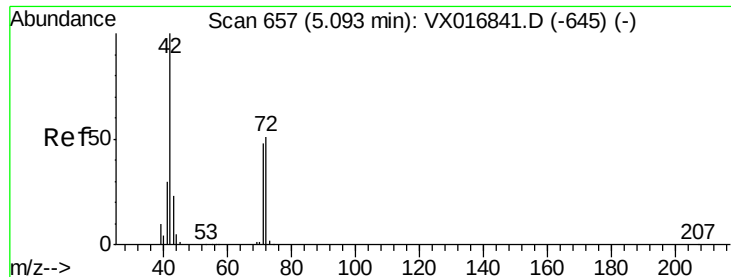


#28

Bromochloromethane
Concen: 18.754 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	5.0
130	87.7	76.8	115.2





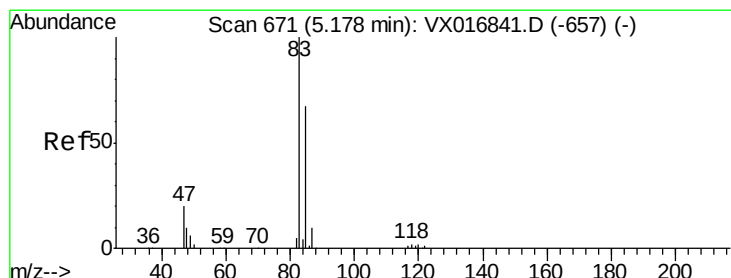
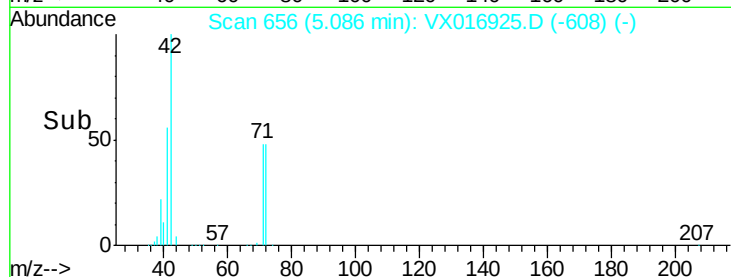
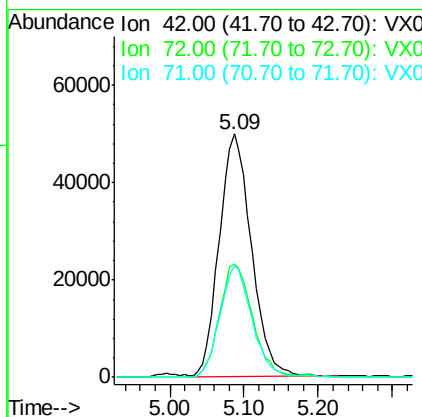
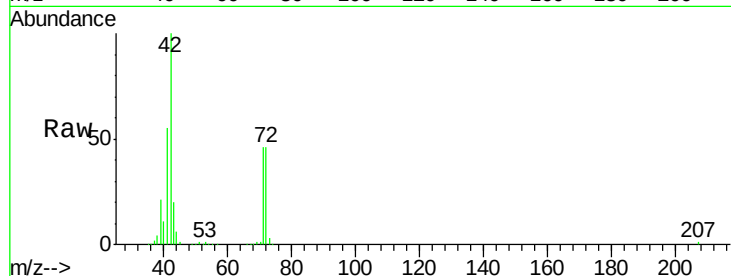
#29
Tetrahydrofuran
Concen: 103.277 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.8	41.1	61.7
71	45.6	38.4	57.6

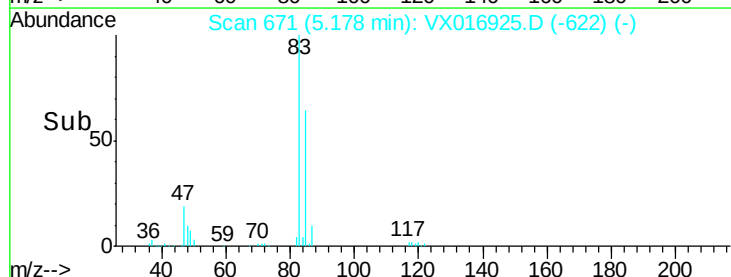
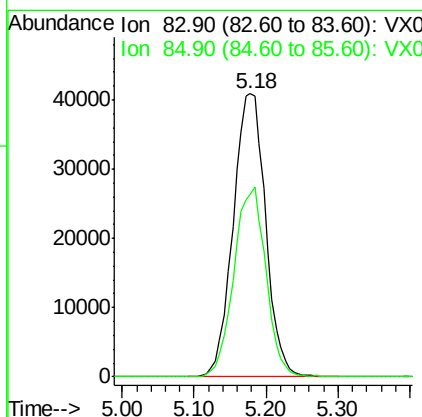
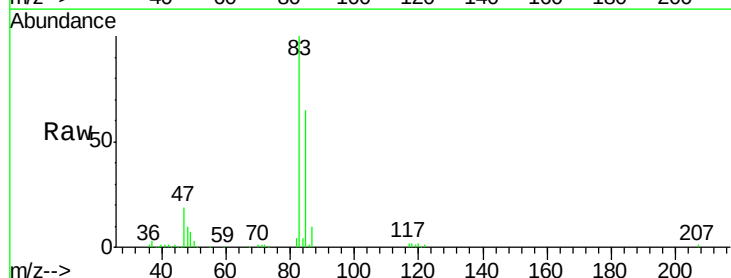
Manual Integrations
APPROVED

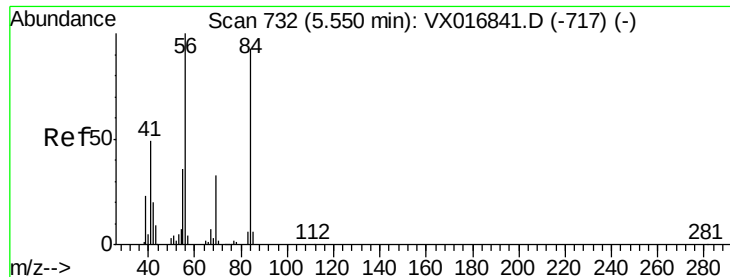
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#30
Chloroform
Concen: 18.562 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	53.4	80.0





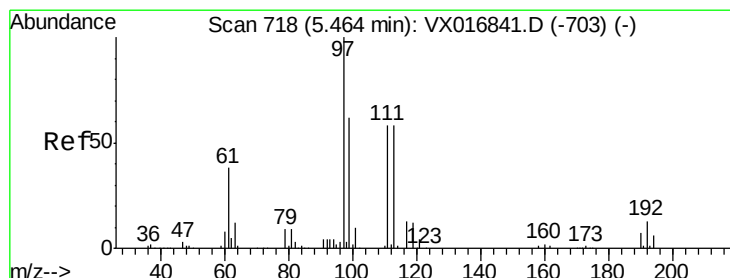
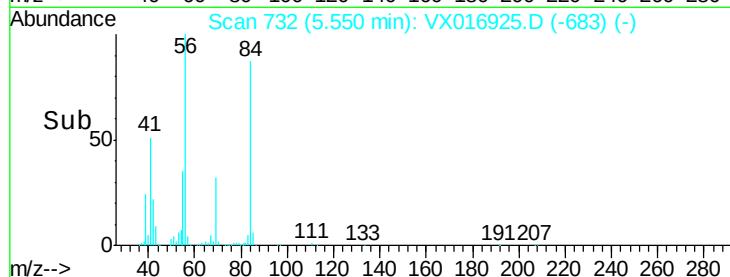
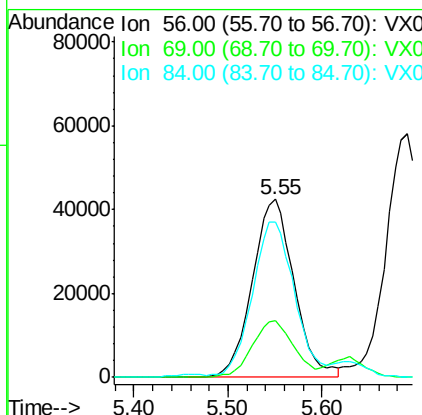
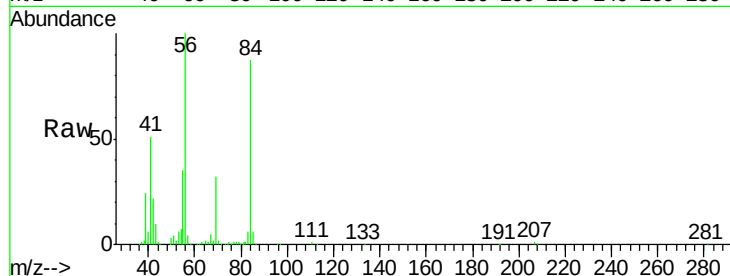
#31
Cyclohexane
Concen: 22.883 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	26.1	39.1
84	85.9	73.0	109.6

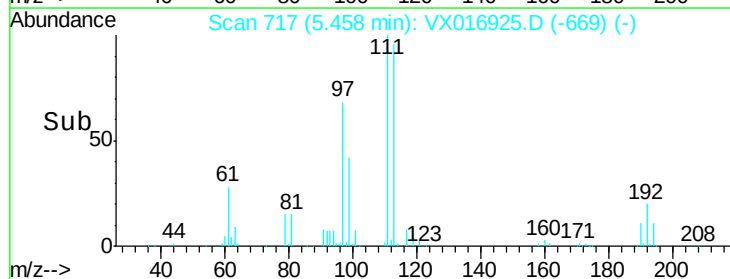
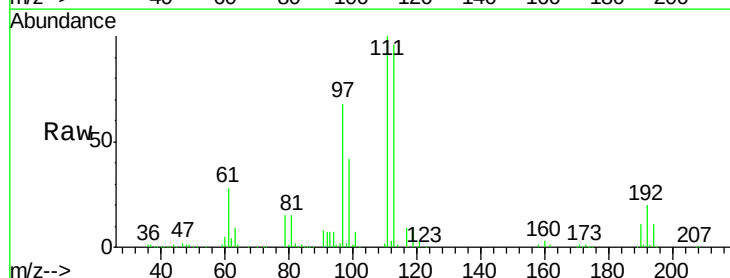
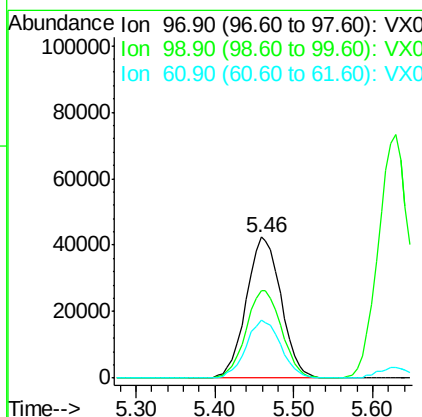
Manual Integrations
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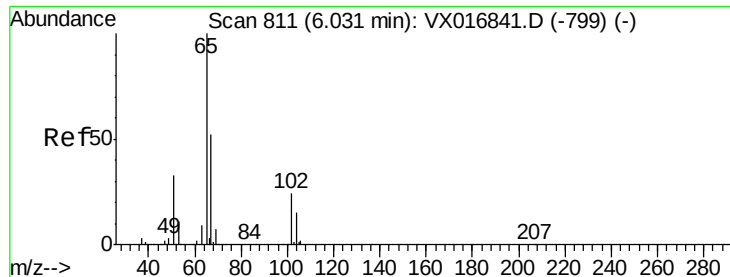
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#32
1,1,1-Trichloroethane
Concen: 19.923 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.3	76.9
61	41.3	31.3	46.9





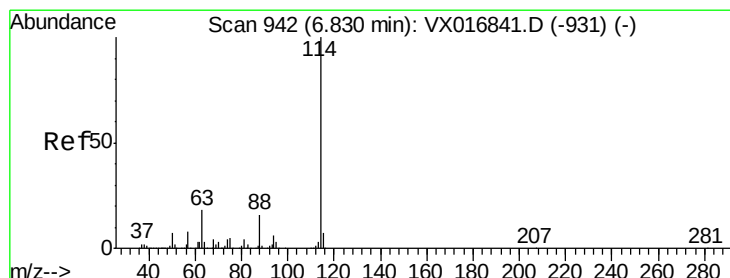
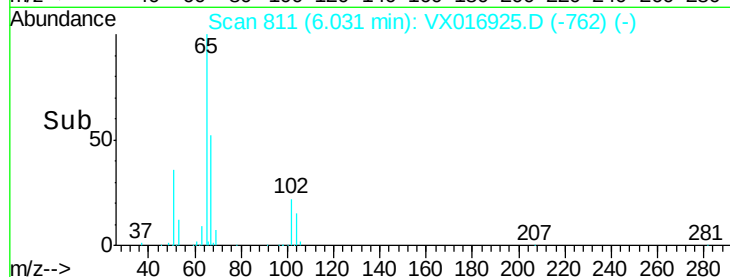
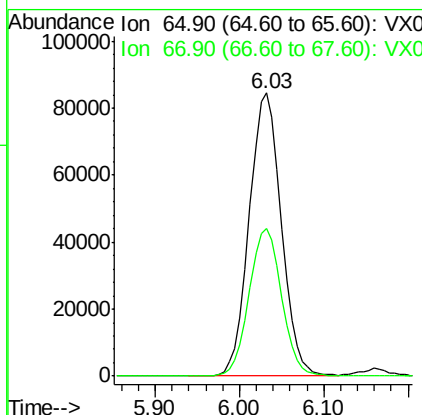
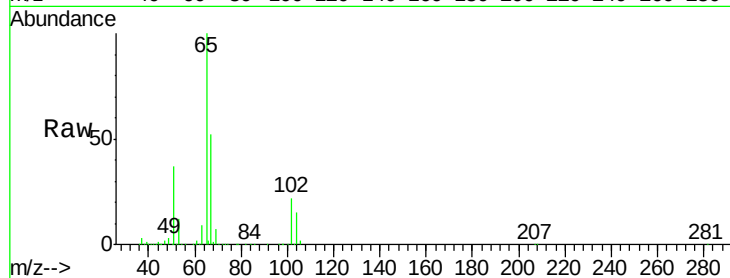
#33
 1,2-Dichloroethane-d4
 Concen: 47.092 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016925.D
 Acq: 22 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	218726		
67	52.9	0.0	102.6	

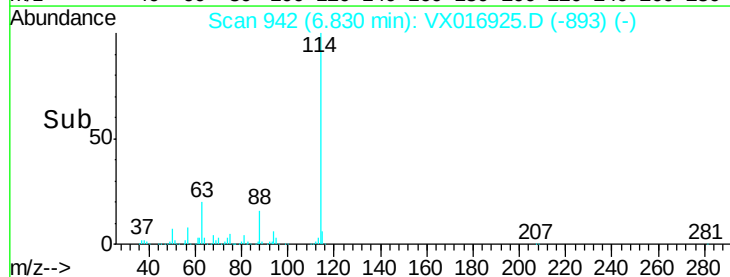
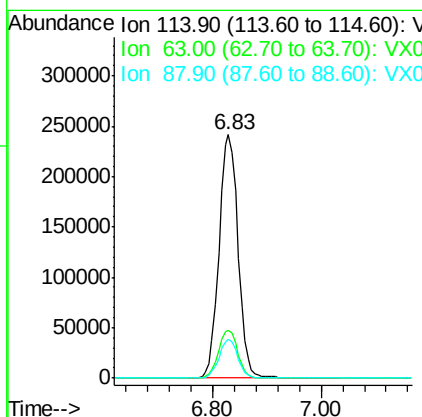
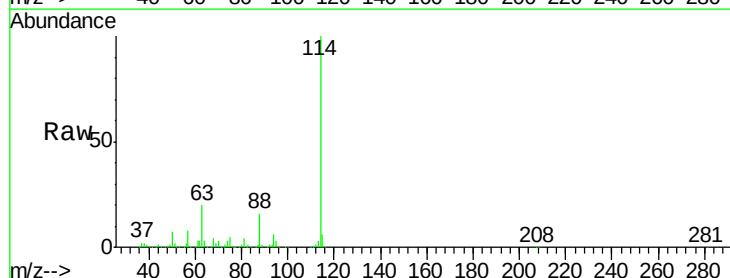
Manual Integrations
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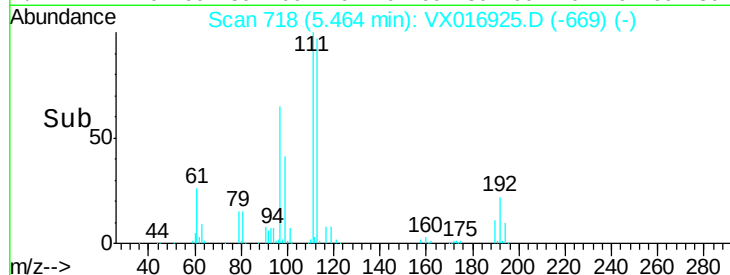
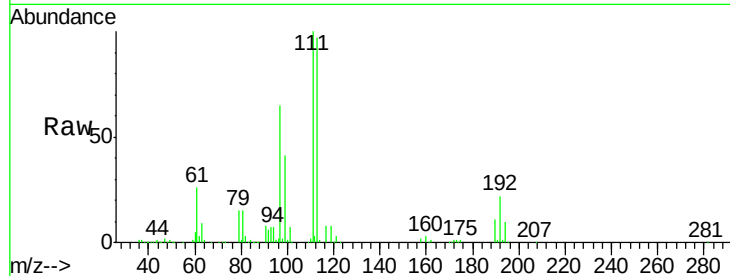
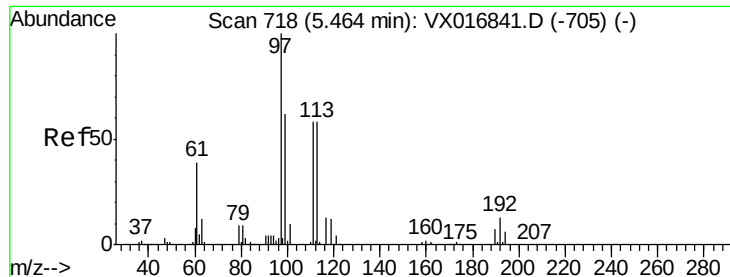
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016925.D
 Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	585298		
63	19.7	0.0	37.0	
88	16.0	0.0	32.0	





#35

Dibromofluoromethane

Concen: 48.099 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016925.D

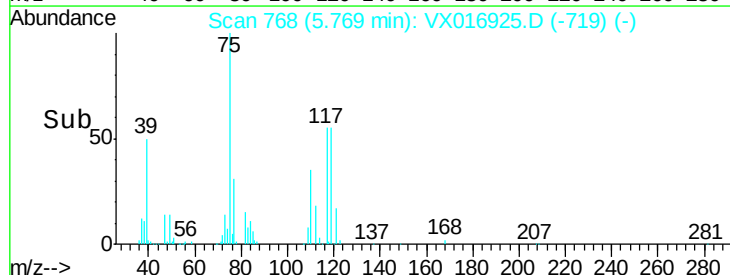
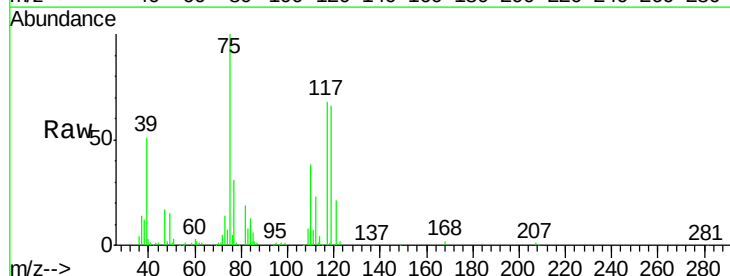
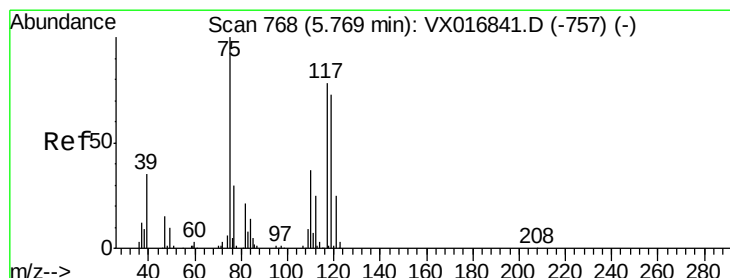
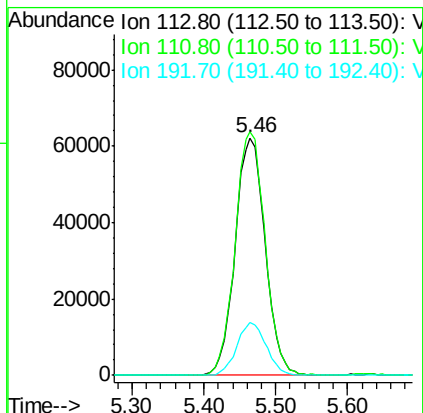
Acq: 22 Jun 2020 17:21

Tot Ion:	113	Resp:	180090
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.0	121.4
192	22.0	18.5	27.7

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

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#36

1,1-Dichloropropene

Concen: 20.076 ug/l

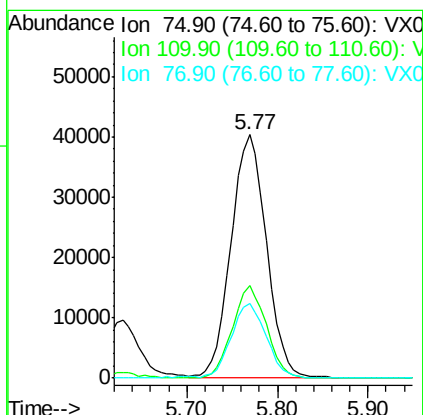
RT: 5.77 min Scan# 768

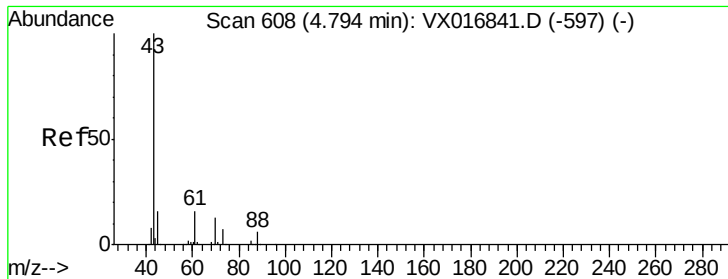
Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Tgt Ion:	75	Resp:	108493
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.9	56.9
77	30.2	25.6	38.4





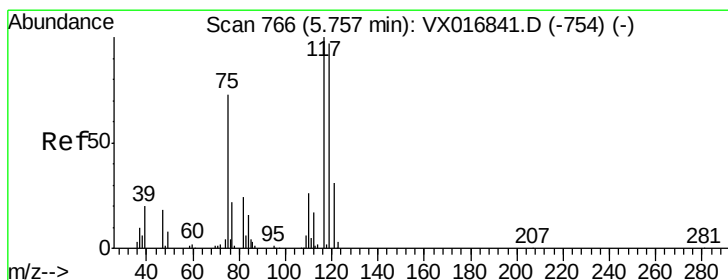
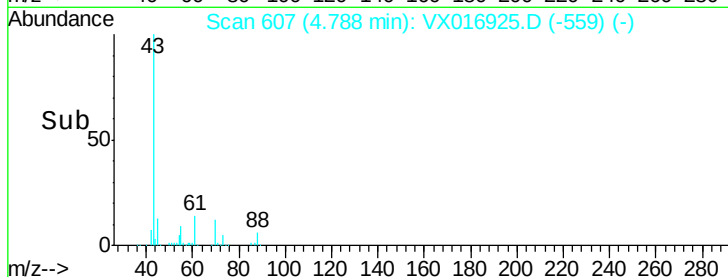
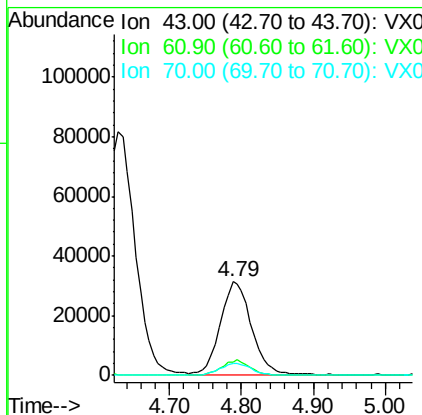
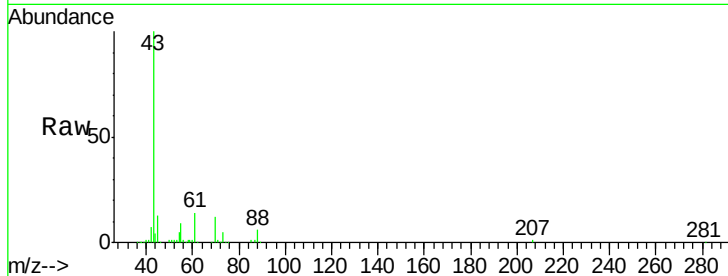
#37
Ethyl Acetate
Concen: 19.608 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.2	18.2
70	12.5	10.5	15.7

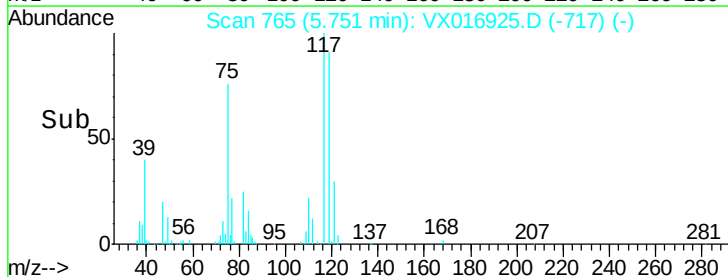
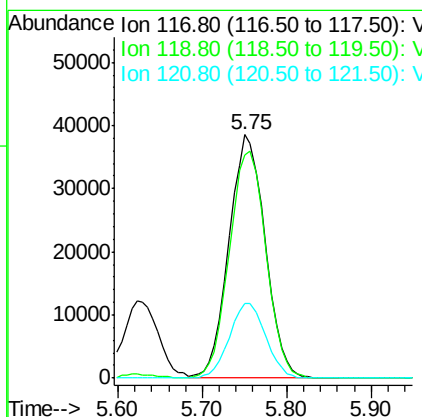
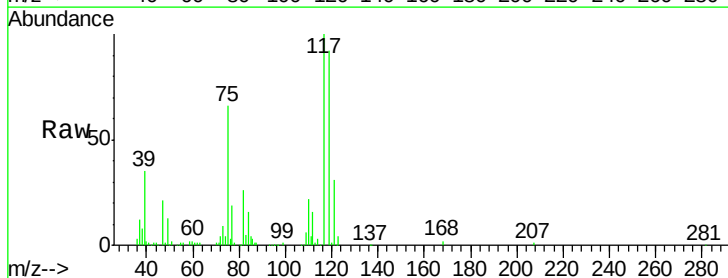
Manual Integrations
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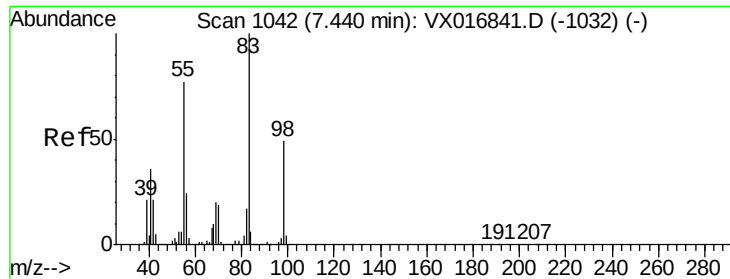
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#38
Carbon Tetrachloride
Concen: 18.531 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	77.4	116.2
121	30.6	24.7	37.1





#39

Methylvlcyclohexane

Concen: 20.364 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

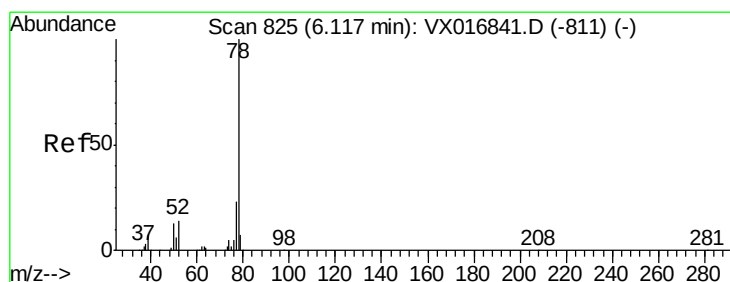
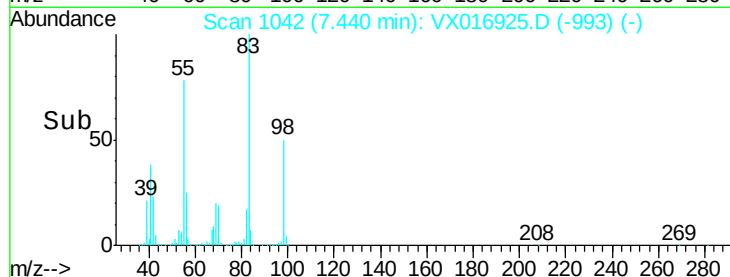
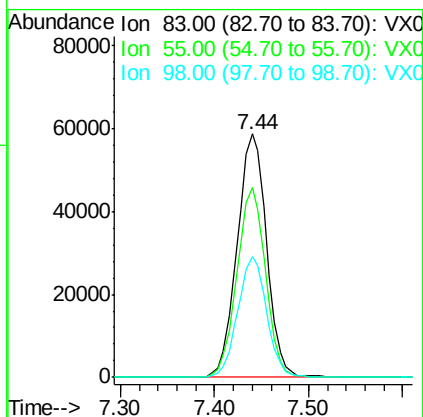
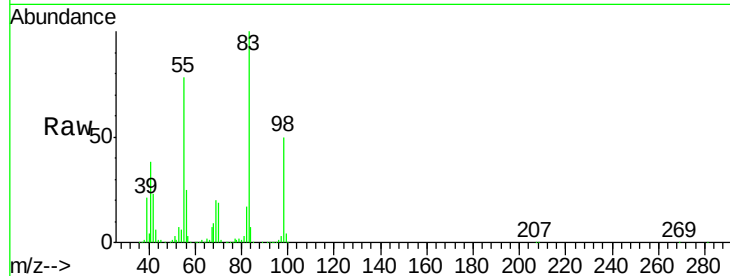
ClientSampleId :

VX0622WBSD01

Tot Ion:	83	Resp:	127965
Ion Ratio	Lower	Upper	
83	100		
55	78.2	61.7	92.5
98	49.7	39.0	58.6

Manual Integrations
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#40

Benzene

Concen: 20.964 ug/l

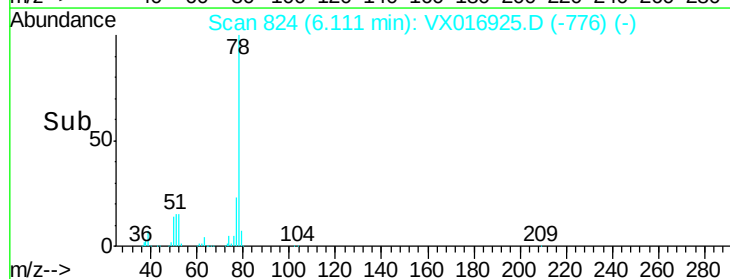
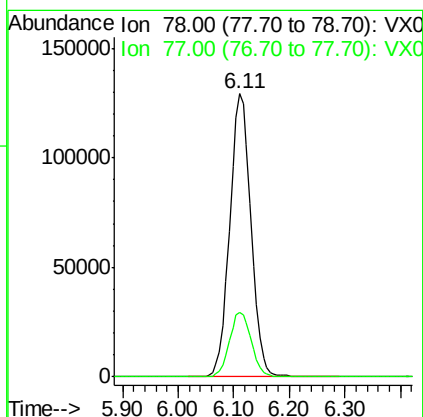
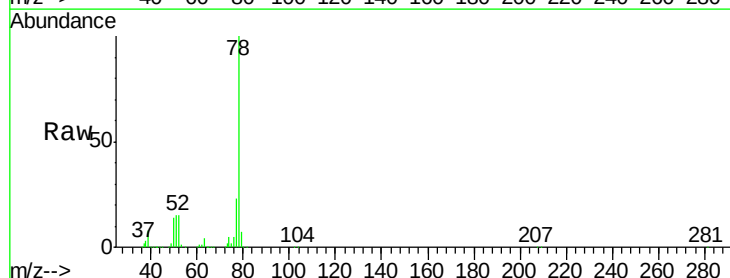
RT: 6.11 min Scan# 824

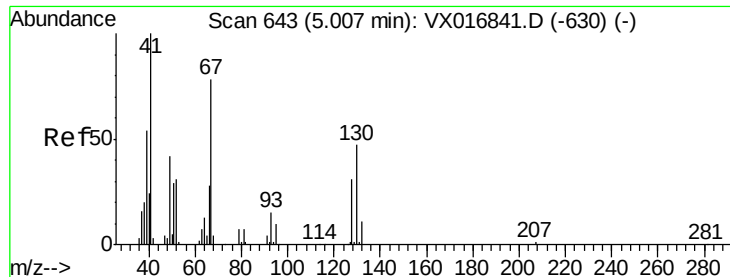
Delta R.T. -0.01 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Tgt Ion:	78	Resp:	339952
Ion Ratio	Lower	Upper	
78	100		
77	23.0	18.6	27.8





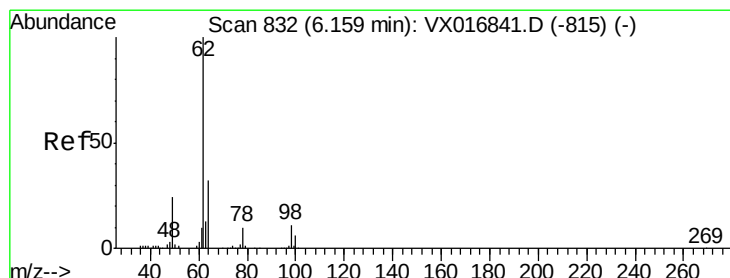
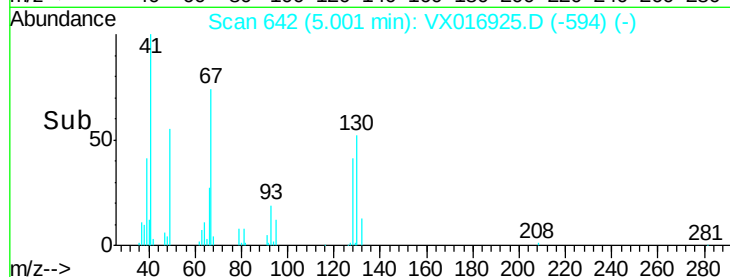
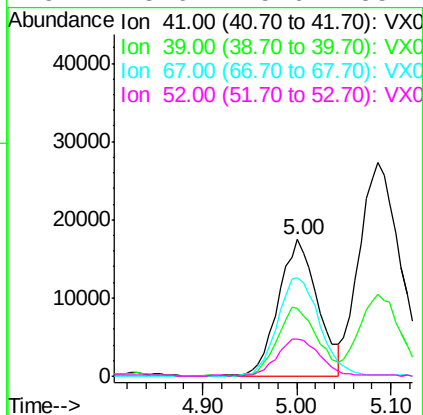
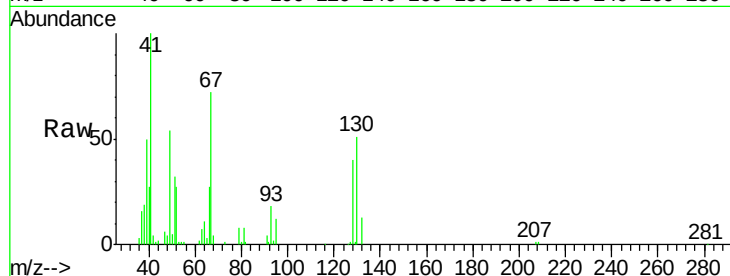
#41
Methacrylonitrile
Concen: 19.697 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.9	42.6	64.0	
67	78.5	64.2	96.2	
52	28.6	25.6	38.4	

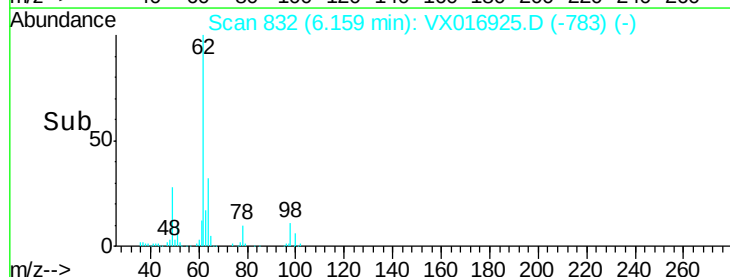
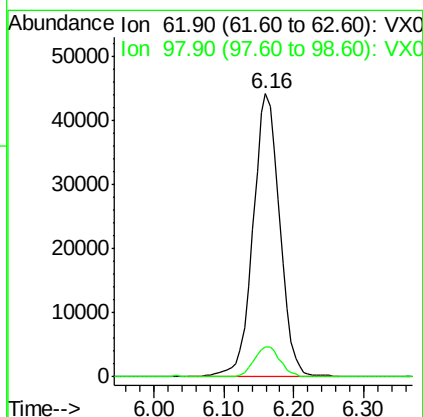
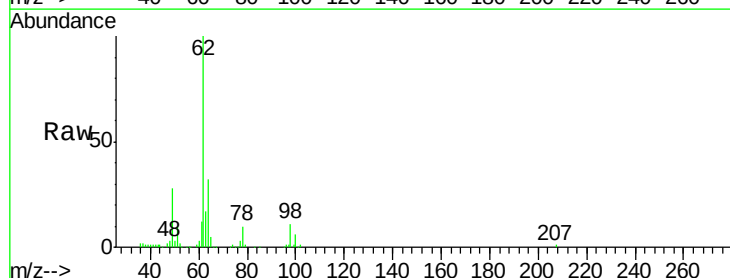
Manual Integrations
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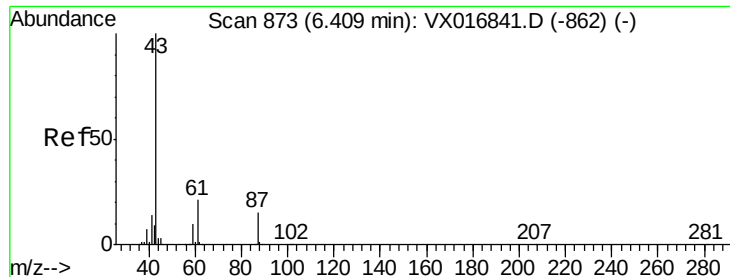
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.280 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.8	





#43

Isopropyl Acetate

Concen: 21.784 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

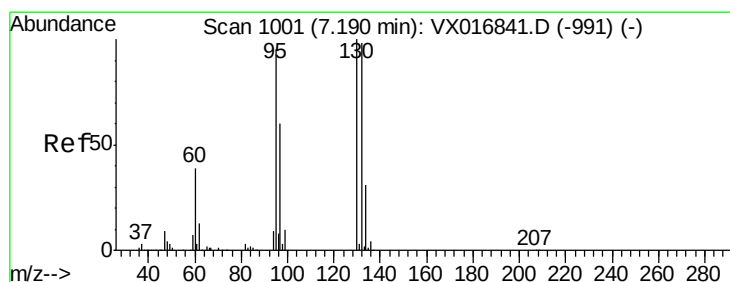
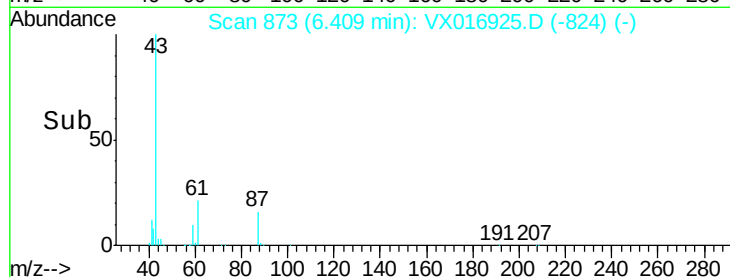
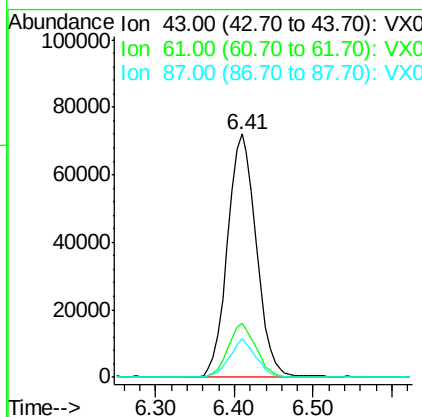
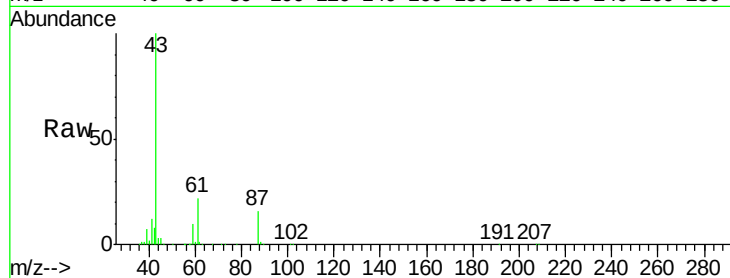
ClientSampleId :

VX0622WBSD01

Tot Ion:	43	Resp:	181643
Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.9	26.9
87	14.7	12.4	18.6

Manual Integrations
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#44

Trichloroethene

Concen: 18.320 ug/l

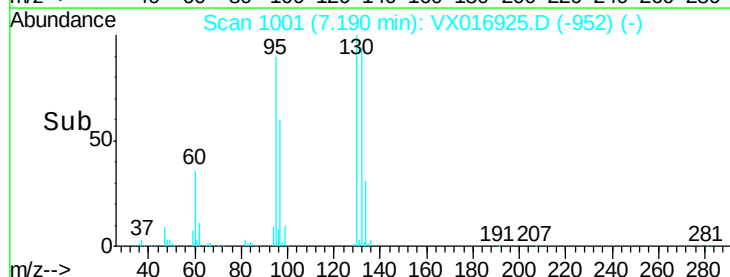
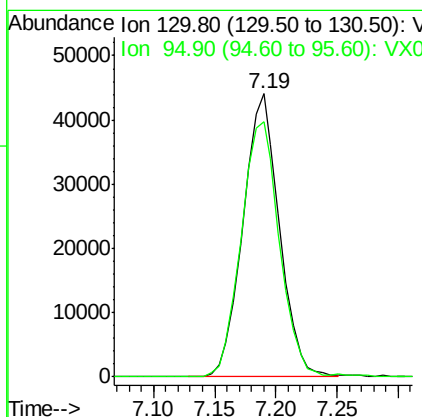
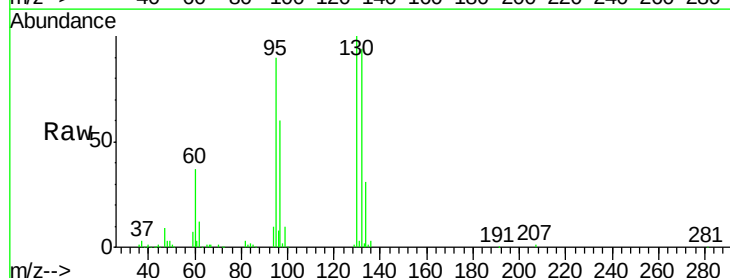
RT: 7.19 min Scan# 1001

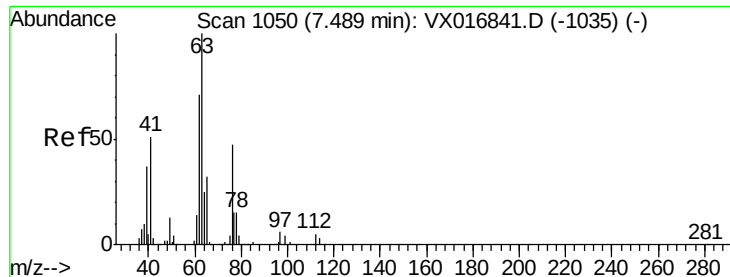
Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Tgt Ion:	130	Resp:	90979
Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	190.8





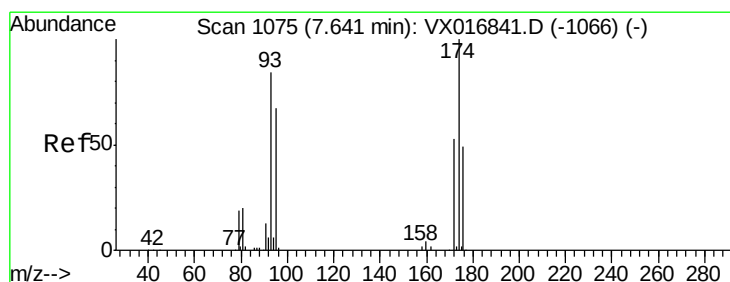
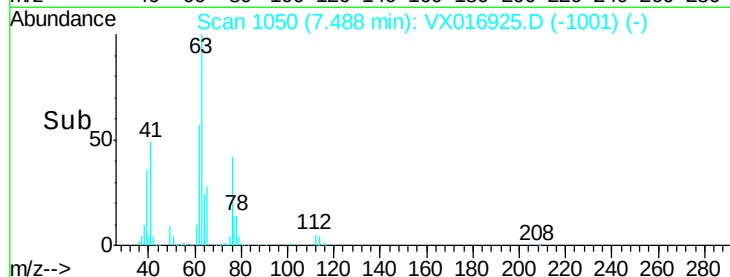
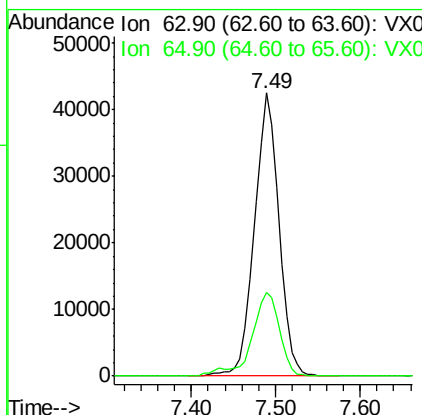
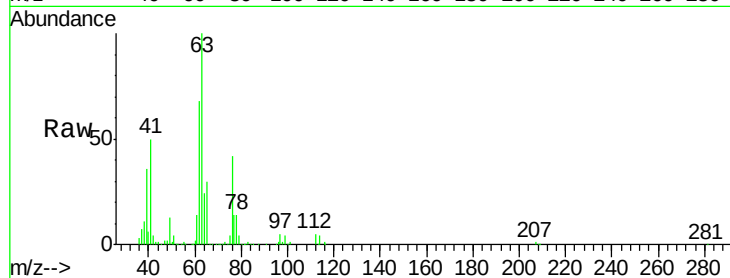
#45
 1,2-Dichloropropane
 Concen: 20.728 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016925.D
 Acq: 22 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	25.8	38.8

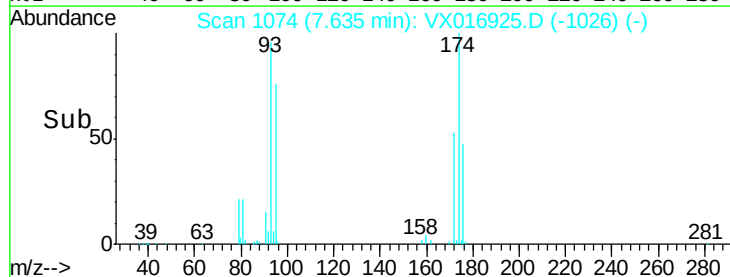
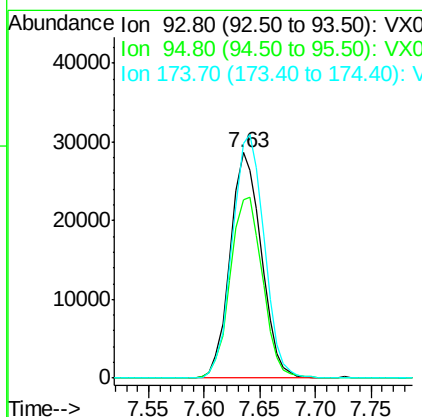
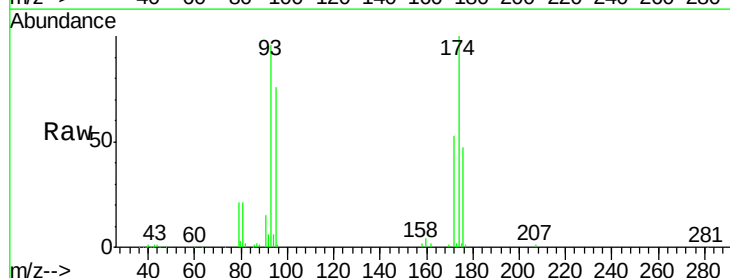
Manual Integrations
 APPROVED

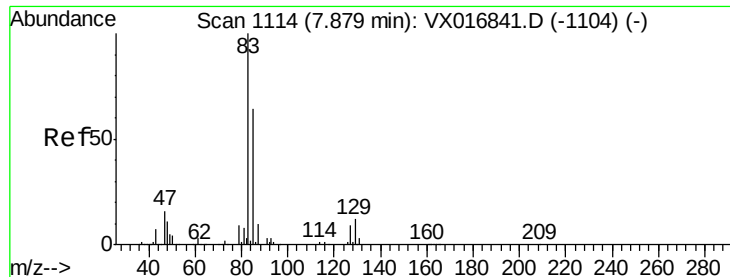
MMDadoda
 6/23/2020 11:03:17 AM



#46
 Dibromomethane
 Concen: 20.223 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016925.D
 Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.7	98.5
174	110.4	92.8	139.2





#47

Bromodichloromethane

Concen: 19.749 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

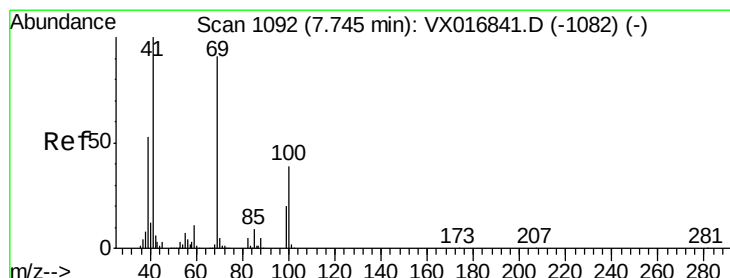
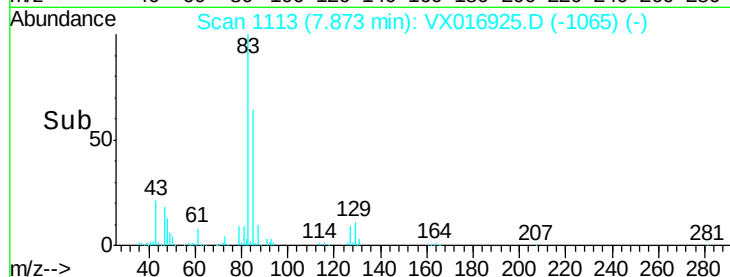
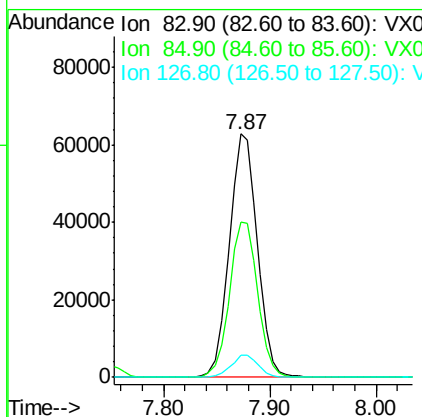
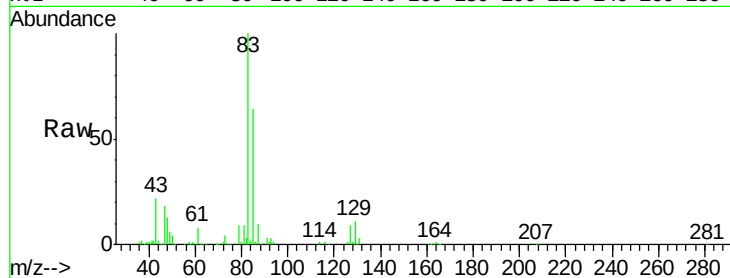
ClientSampleId :

VX0622WBSD01

Tot Ion:	83	Resp:	116114
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.9	76.3
127	9.3	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.887 ug/l

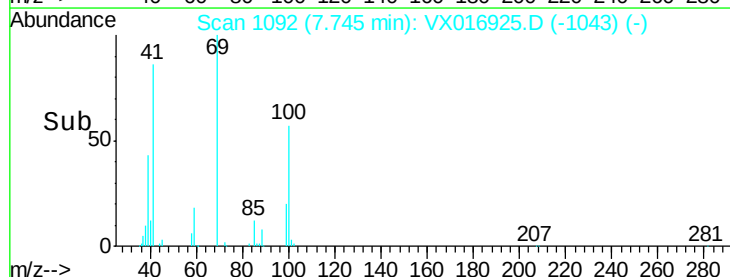
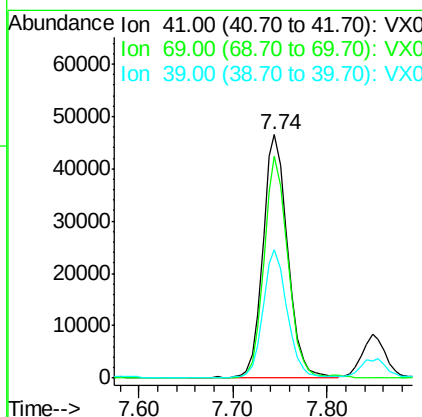
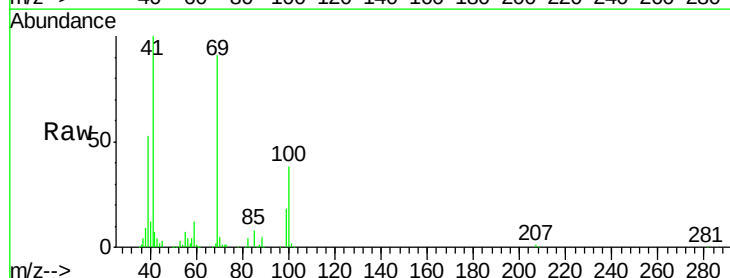
RT: 7.74 min Scan# 1092

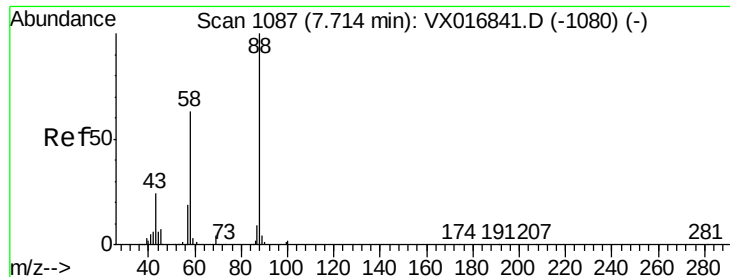
Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Tgt Ion:	41	Resp:	85941
Ion	Ratio	Lower	Upper
41	100		
69	88.7	73.3	109.9
39	51.1	42.4	63.6





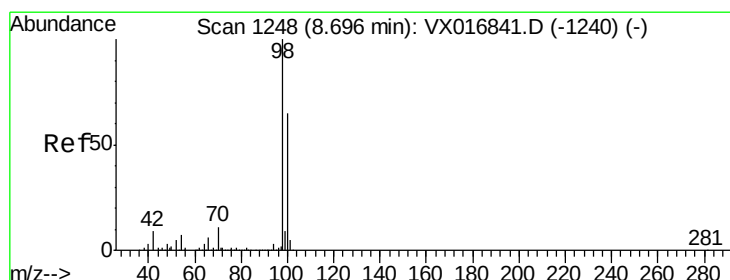
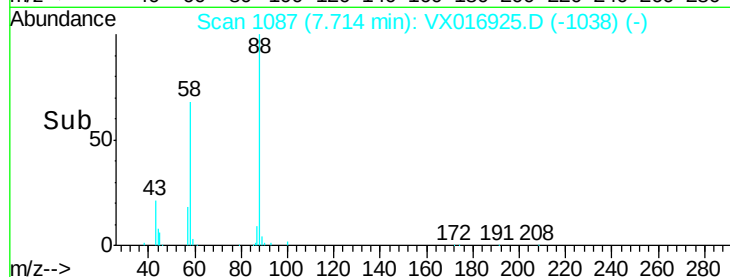
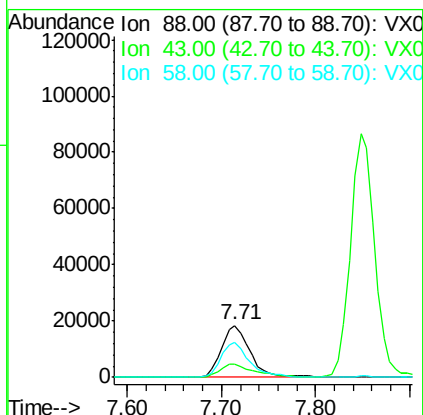
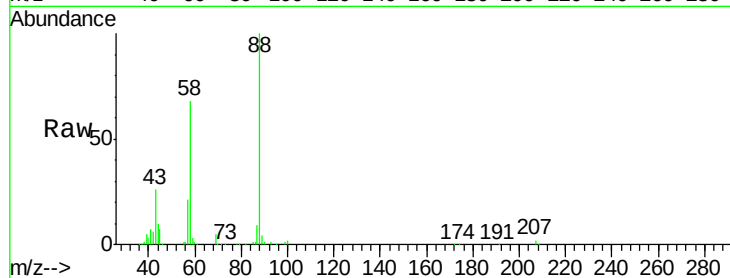
#49
1,4-Dioxane
Concen: 446.023 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.6	22.7	34.1
58	68.6	53.1	79.7

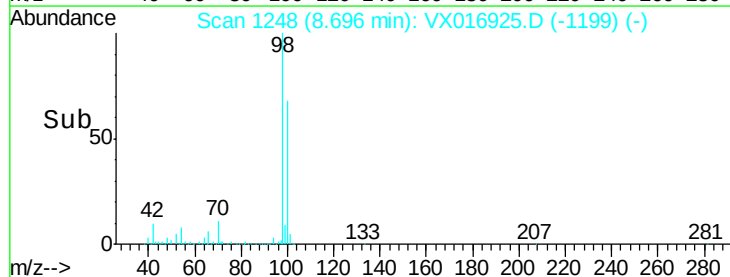
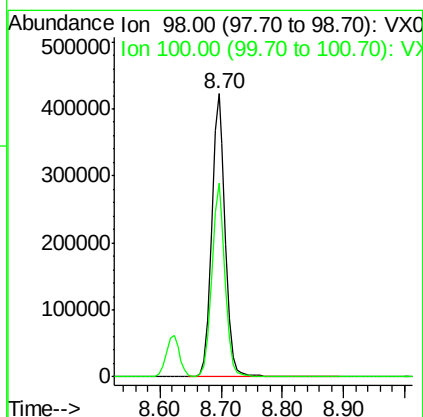
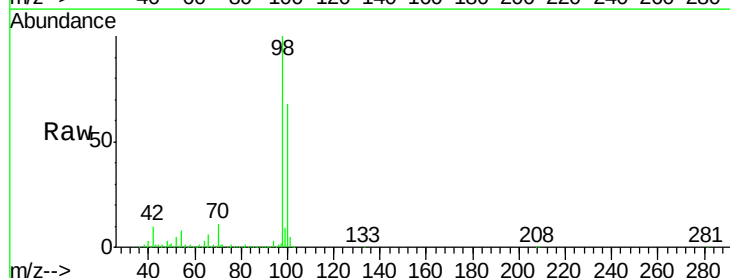
Manual Integrations
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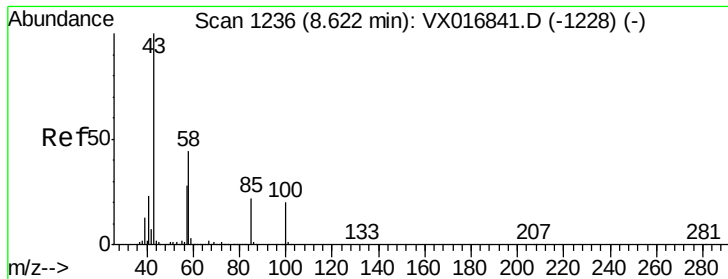
MMDadoda
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#50
Toluene-d8
Concen: 44.434 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	54.0	81.0





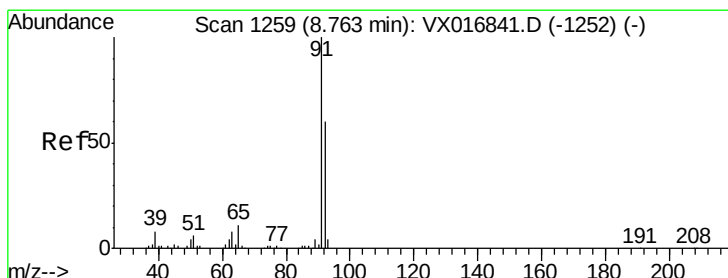
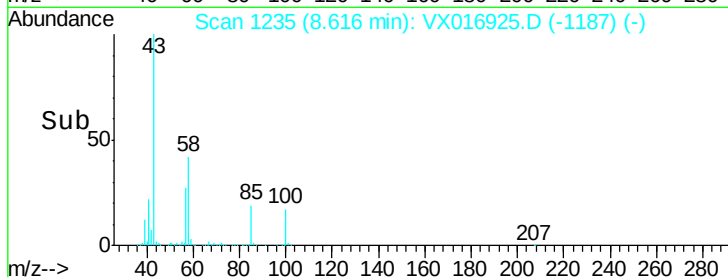
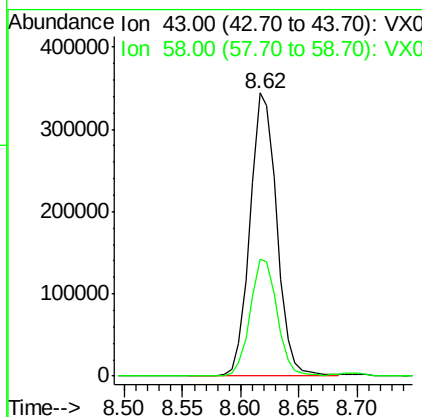
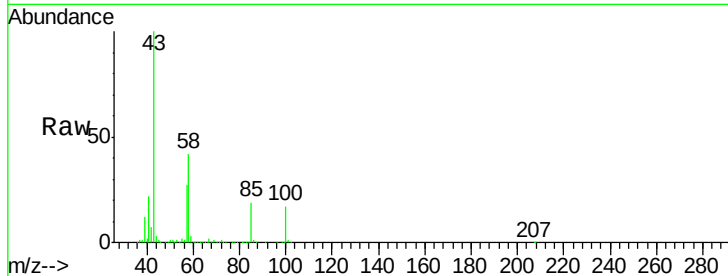
#51
4-Methyl-2-Pentanone
Concen: 110.485 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.7	34.3	51.5

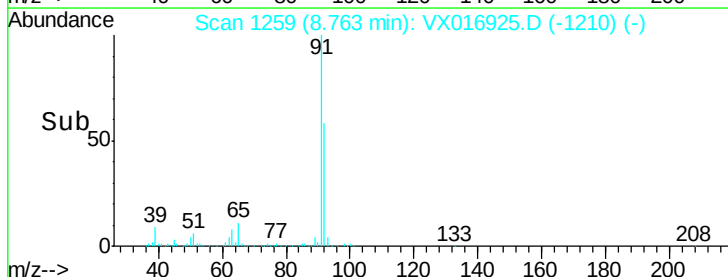
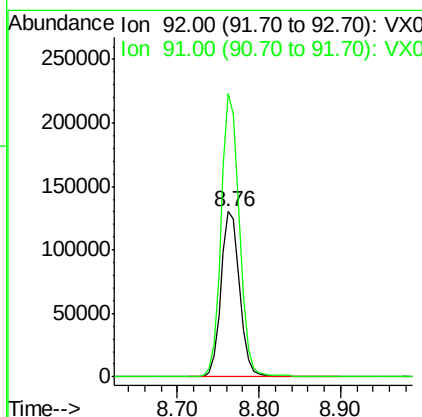
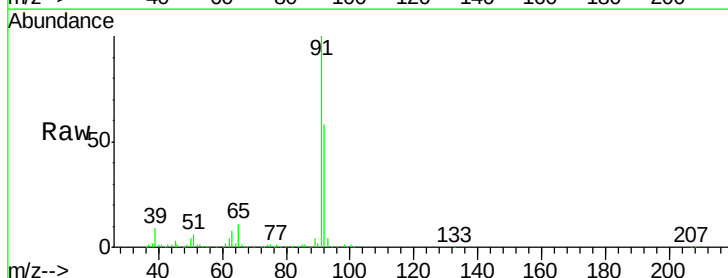
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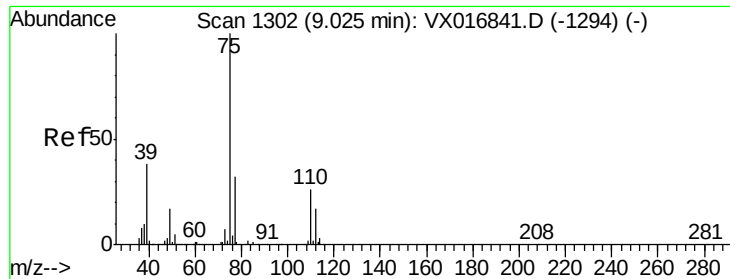
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#52
Toluene
Concen: 19.328 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.8	134.2	201.2





#53

t-1,3-Dichloropropene

Concen: 18.766 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

Tot Ion: 75 Resp: 121302

Ion Ratio Lower Upper

75 100

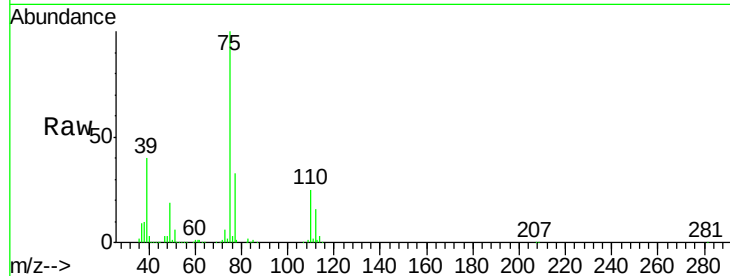
77 32.7 25.3 37.9

Manual Integrations

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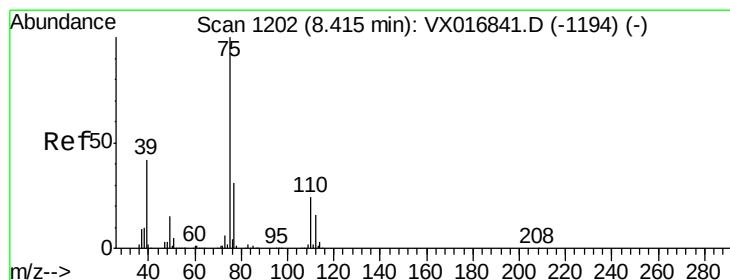
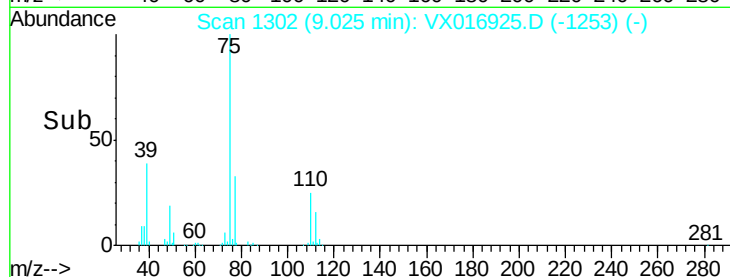
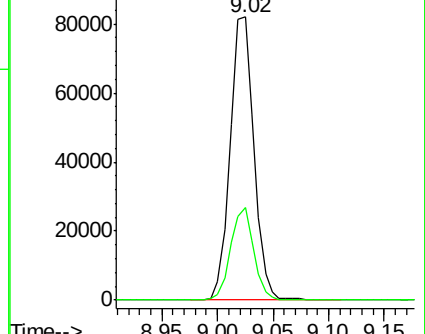
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.913 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

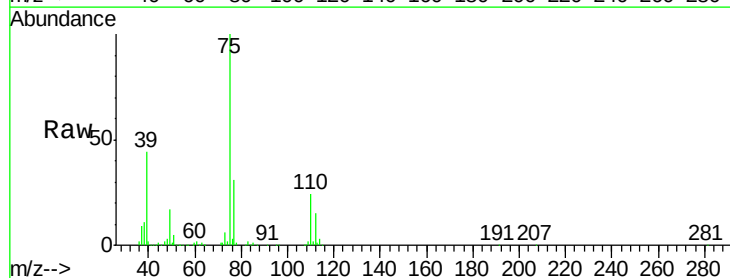
Tgt Ion: 75 Resp: 144613

Ion Ratio Lower Upper

75 100

77 30.9 24.9 37.3

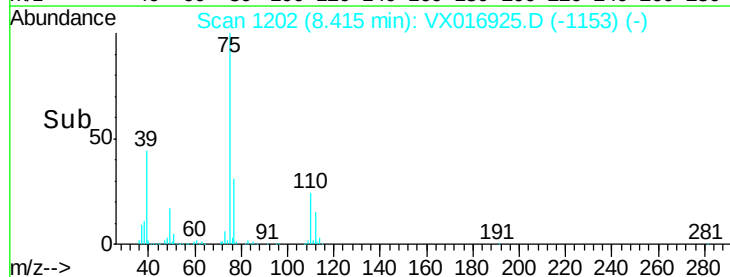
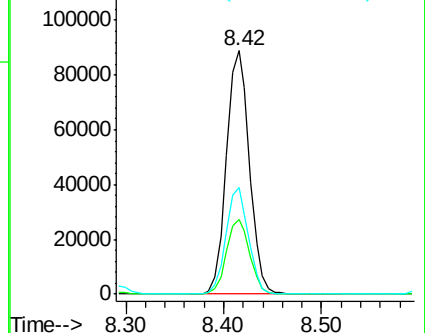
39 43.5 33.4 50.0

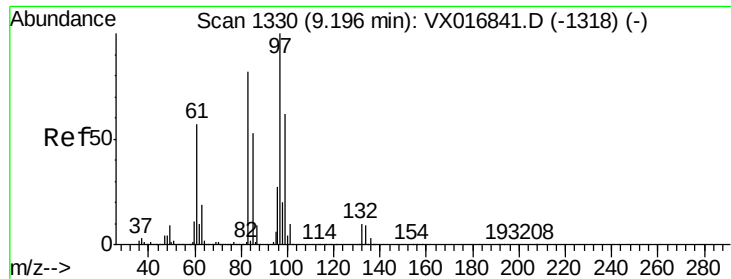


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





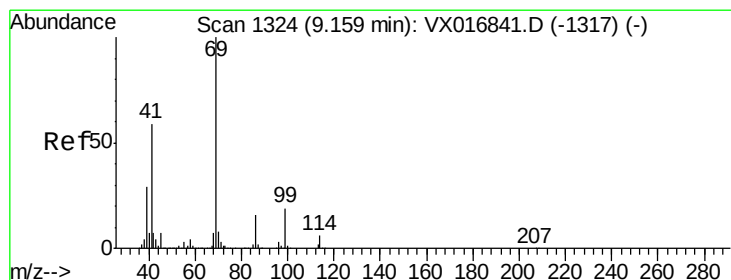
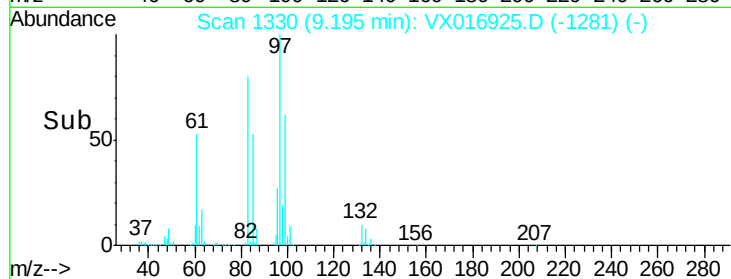
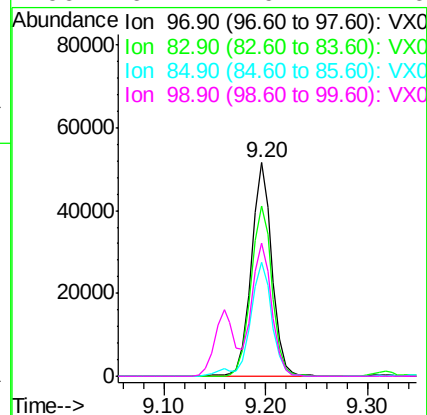
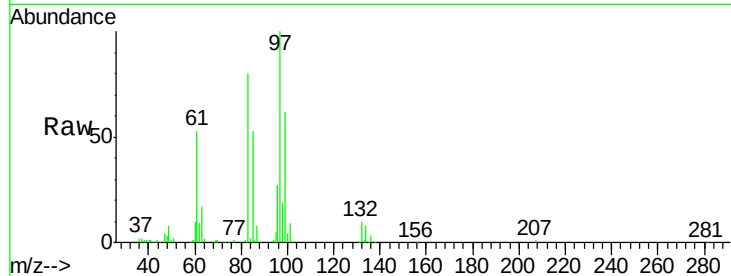
#55
 1,1,2-Trichloroethane
 Concen: 17.815 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016925.D
 Acq: 22 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		72355		
83	79.7	65.5	98.3		
85	53.4	42.6	63.8		
99	62.1	49.4	74.0		

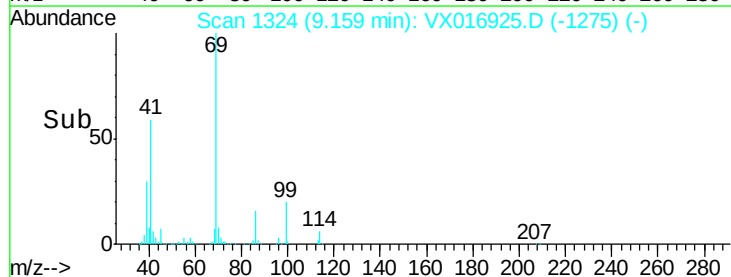
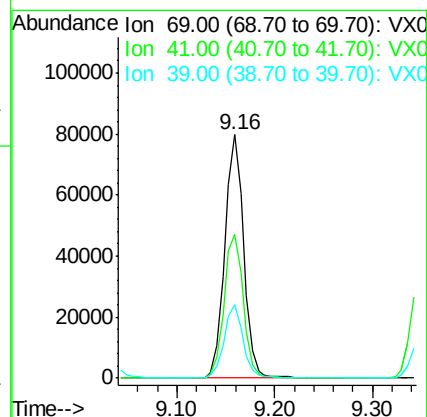
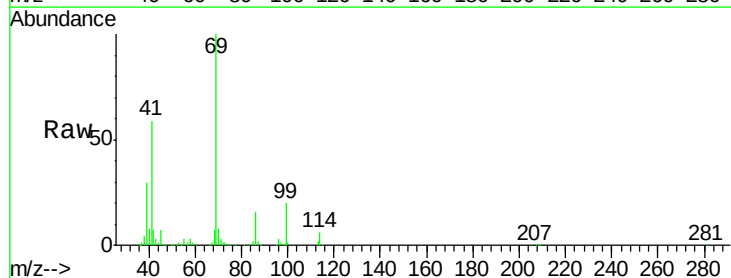
Manual Integrations
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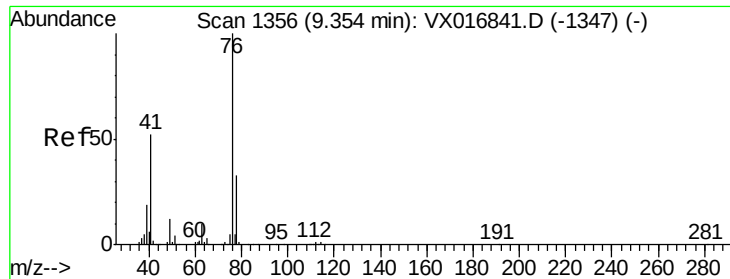
MMDadoda
 6/23/2020 11:03:17 AM



#56
 Ethyl methacrylate
 Concen: 18.215 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016925.D
 Acq: 22 Jun 2020 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		107098		
41	60.5	47.9	71.9		
39	29.7	24.2	36.4		





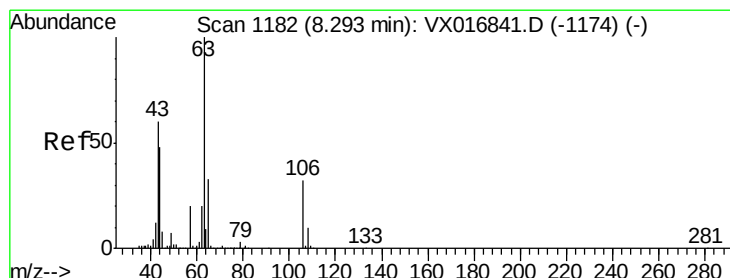
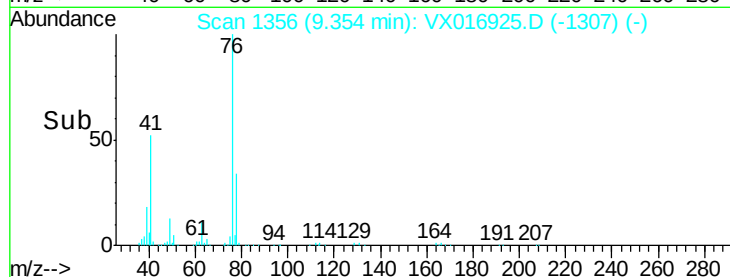
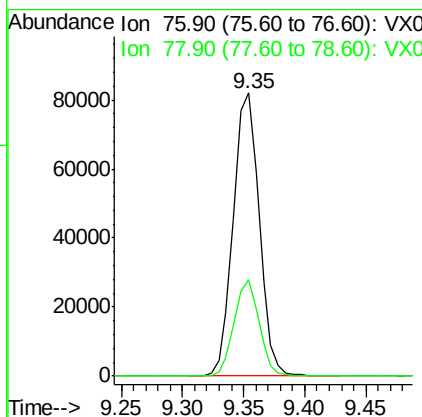
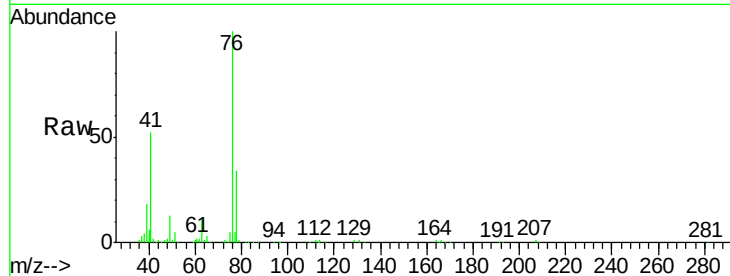
#57
 1,3-Dichloropropane
 Concen: 17.458 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016925.D
 Acq: 22 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.8	38.6

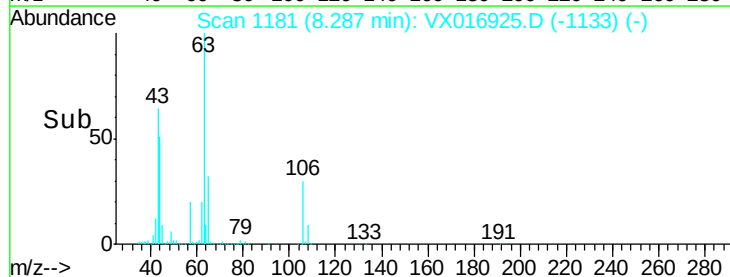
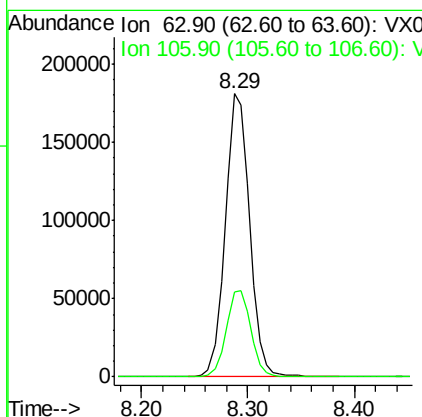
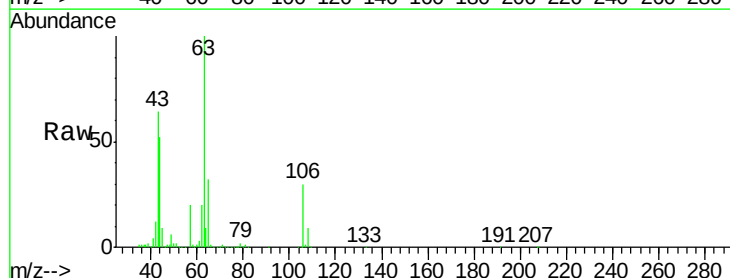
Manual Integrations
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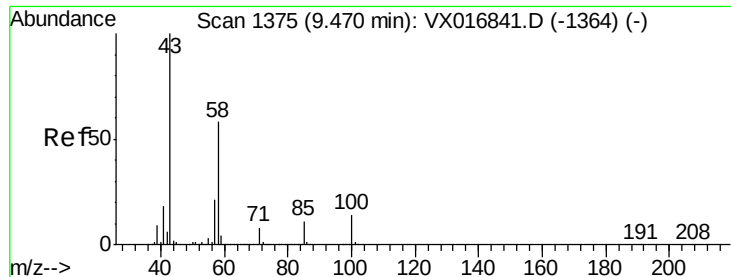
MMDadoda
 6/23/2020 11:03:17 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.776 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016925.D
 Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.1	25.8	38.6





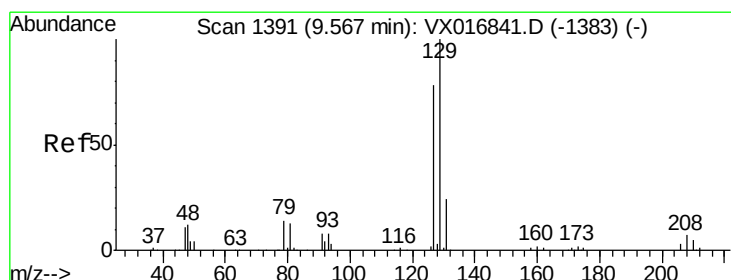
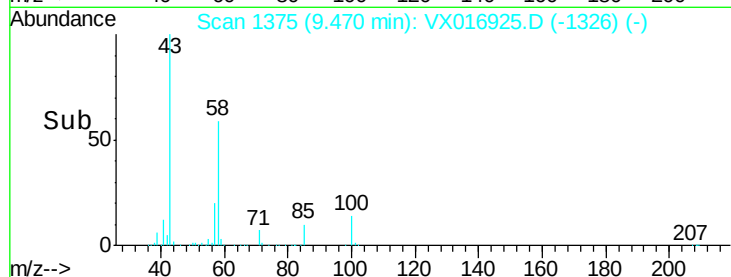
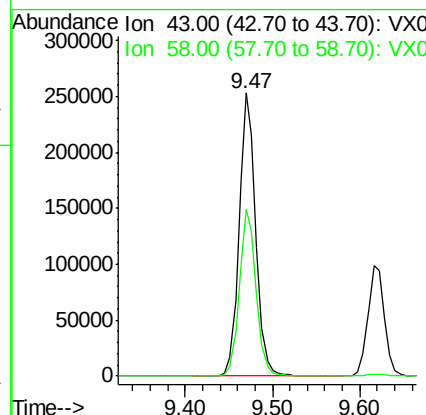
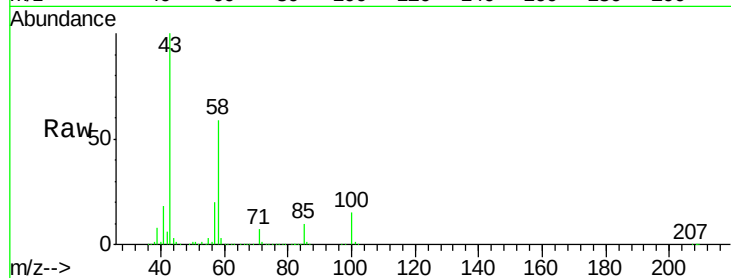
#59
2-Hexanone
Concen: 92.199 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.7	29.8	89.4

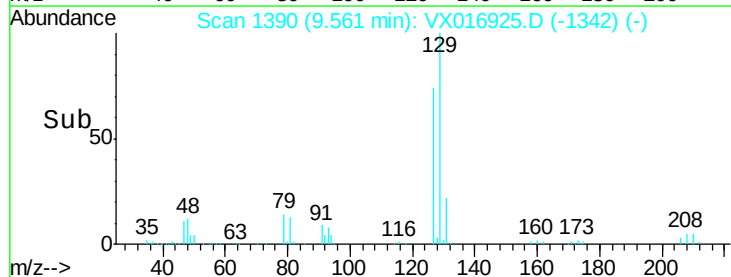
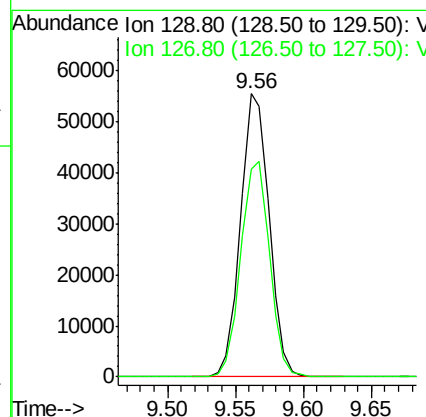
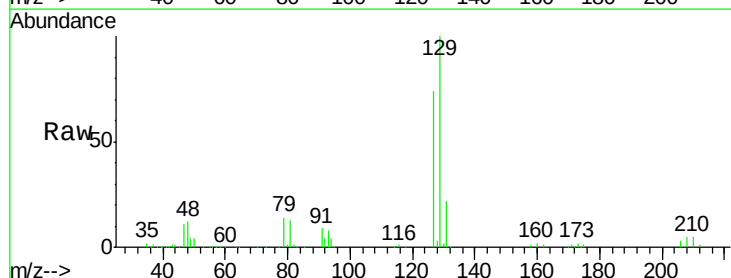
Manual Integrations
APPROVED

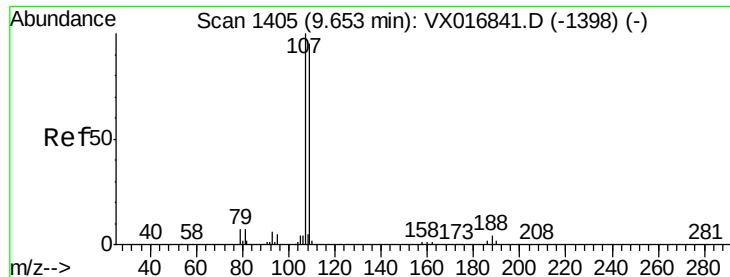
MMDadoda
6/23/2020 11:03:17 AM



#60
Dibromochloromethane
Concen: 16.708 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.5	115.5





#61

1,2-Dibromoethane

Concen: 17.068 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

Tot Ion:107 Resp: 75232

Ion Ratio Lower Upper

107 100

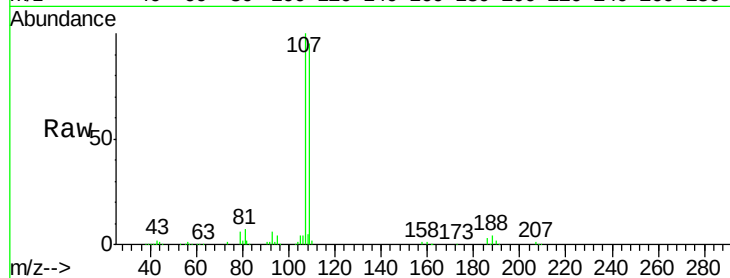
109 96.1 75.4 113.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

60000

50000

40000

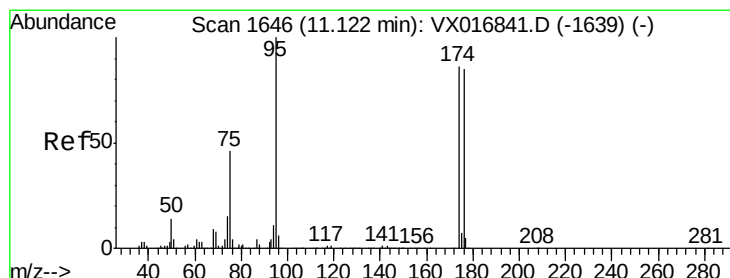
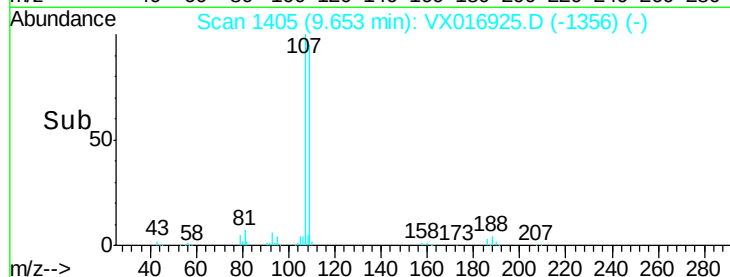
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 39.552 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

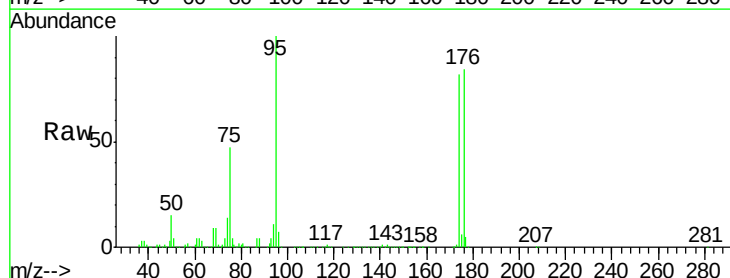
Tgt Ion: 95 Resp: 227006

Ion Ratio Lower Upper

95 100

174 83.6 0.0 174.2

176 81.7 0.0 170.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

250000

200000

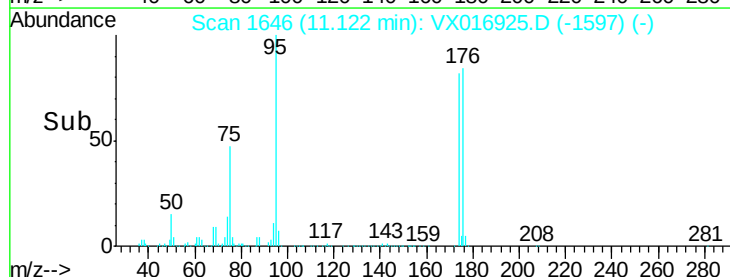
150000

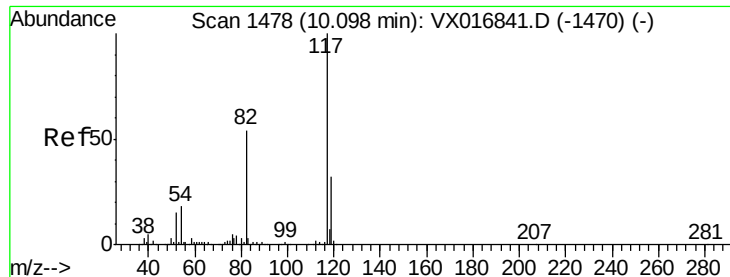
100000

50000

0

Time-->





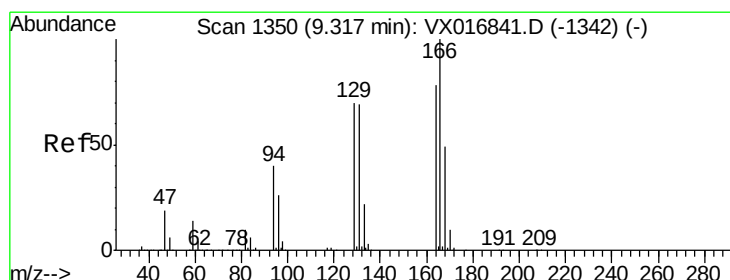
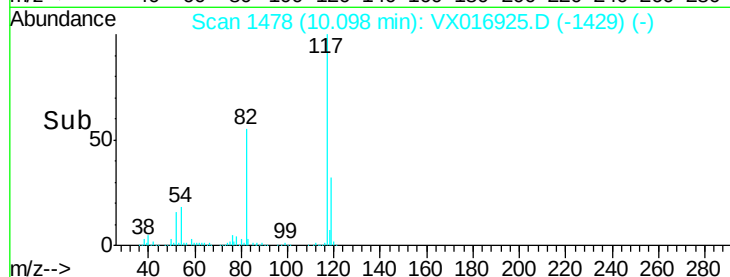
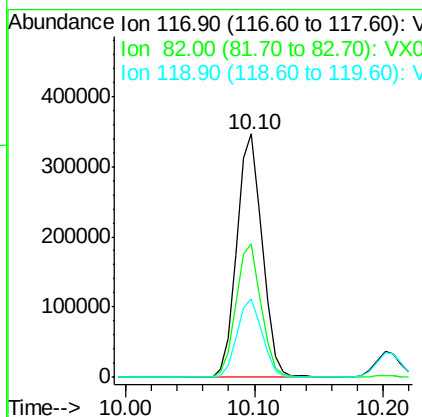
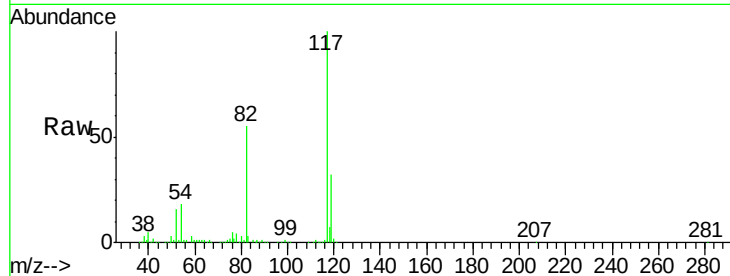
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.4	65.0
119	32.3	25.7	38.5

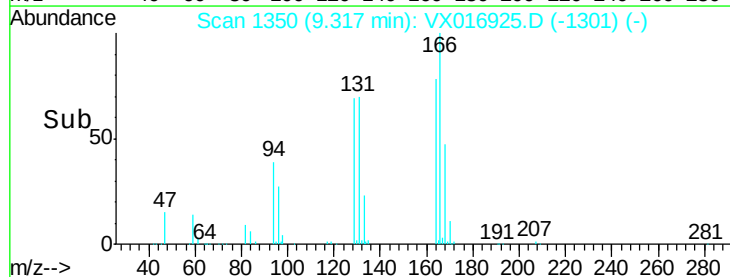
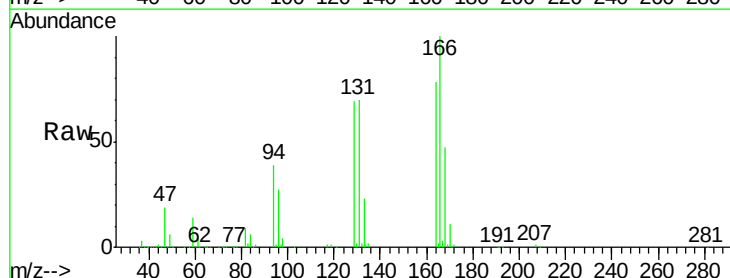
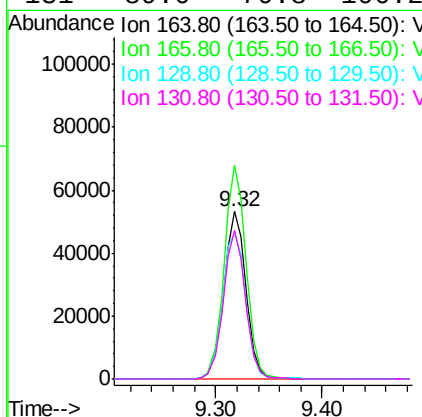
Manual Integrations
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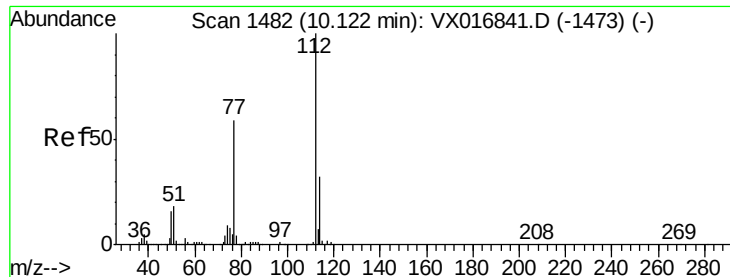
MMDadoda
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#64
Tetrachloroethene
Concen: 17.499 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	102.6	153.8
129	87.5	72.2	108.2
131	89.0	70.8	106.2





#65

Chlorobenzene

Concen: 20.040 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

Tot Ion:112 Resp: 192925

Ion Ratio Lower Upper

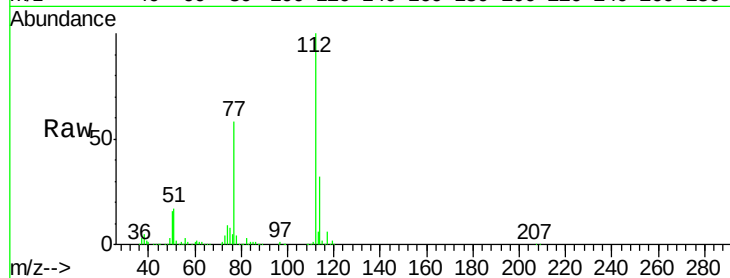
112 100

114 32.1 25.5 38.3

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

150000

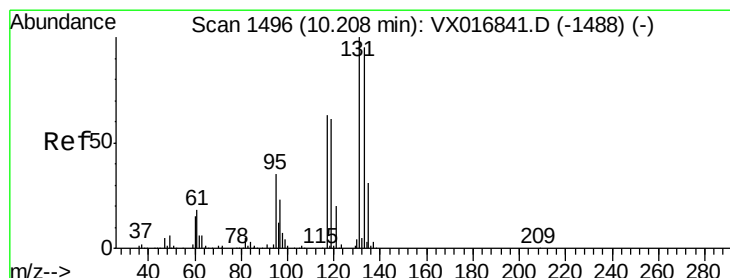
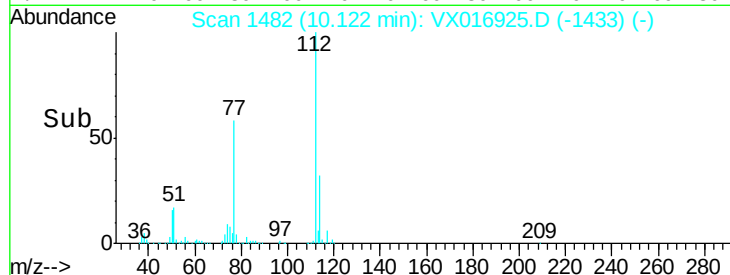
100000

50000

0

10.10 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.814 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

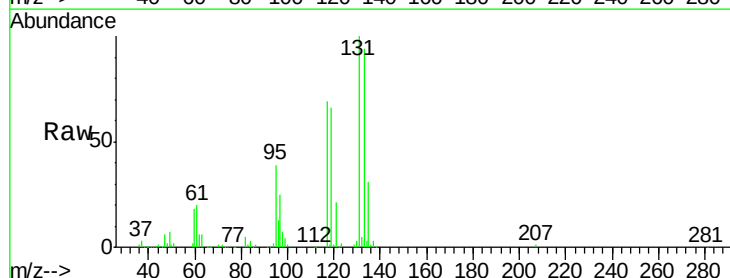
Tgt Ion:131 Resp: 73927

Ion Ratio Lower Upper

131 100

133 96.6 47.7 143.1

119 64.1 30.8 92.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

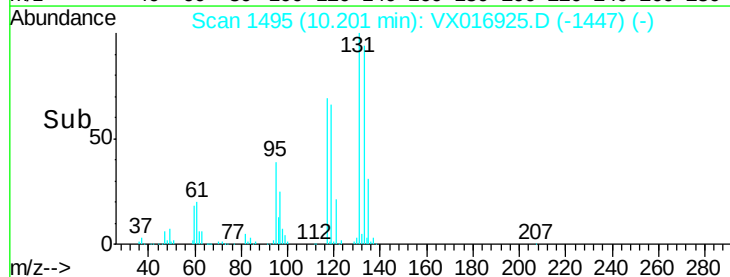
40000

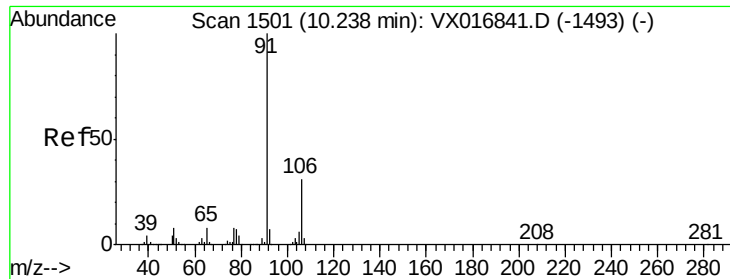
20000

0

10.15 10.20 10.25

Time-->





#67

Ethyl Benzene

Concen: 20.713 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

Tot Ion: 91 Resp: 336444

Ion Ratio Lower Upper

91 100

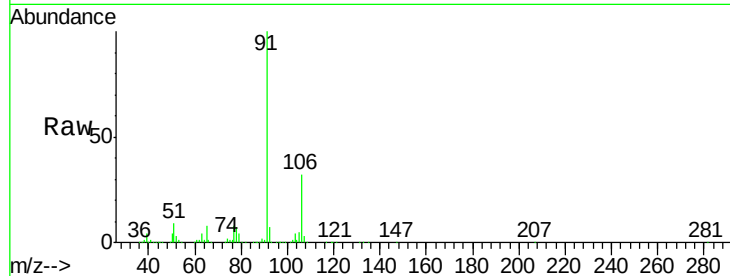
106 32.1 25.1 37.7

Manual Integrations

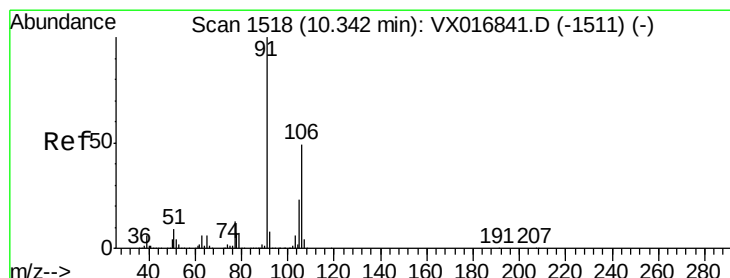
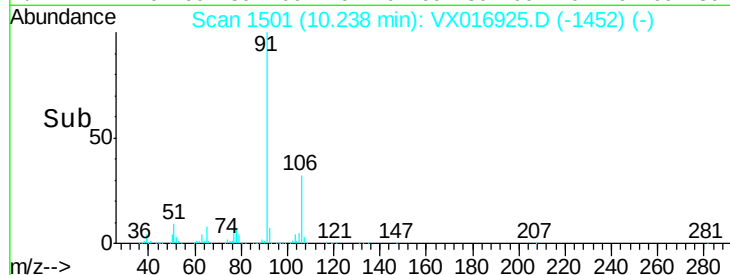
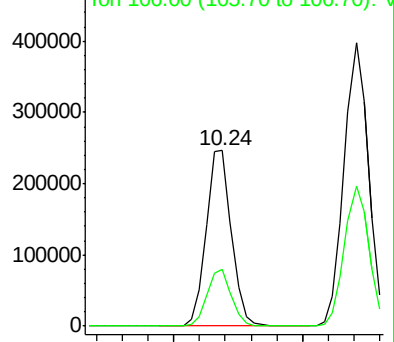
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Abundance Ion 91.00 (90.70 to 91.70): VX016841.D (-1493) (-)



#68

m/p-Xylenes

Concen: 40.925 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016925.D

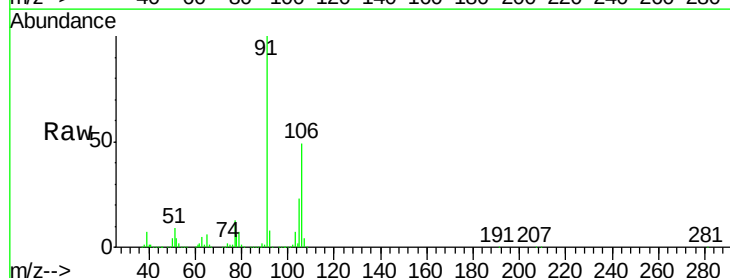
Acq: 22 Jun 2020 17:21

Tgt Ion: 106 Resp: 258670

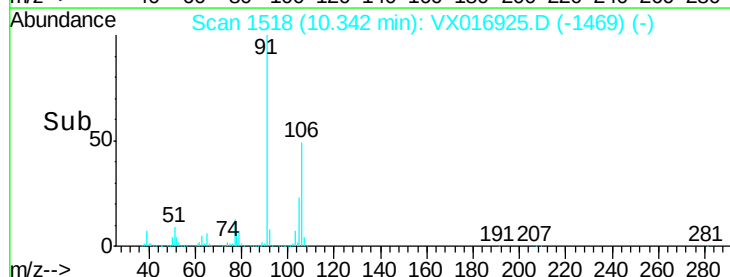
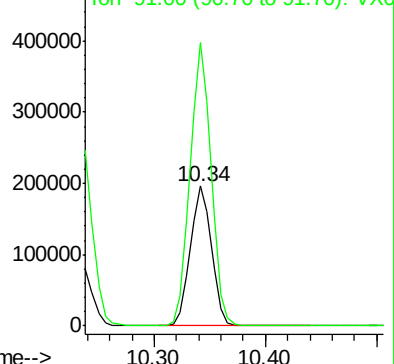
Ion Ratio Lower Upper

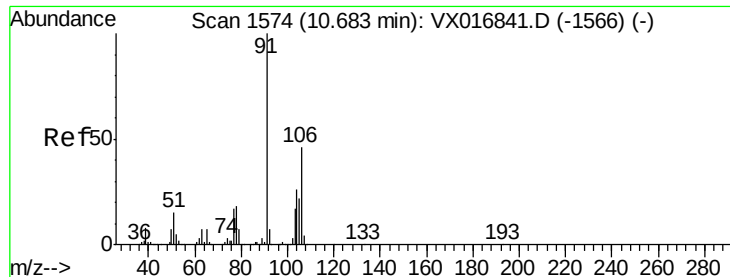
106 100

91 201.0 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): VX016841.D (-1511) (-)





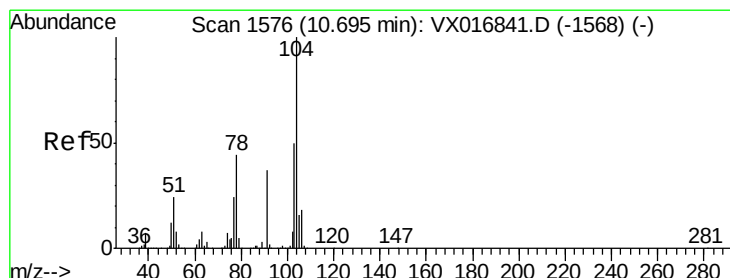
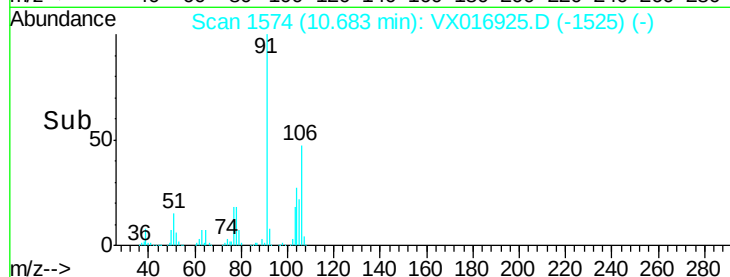
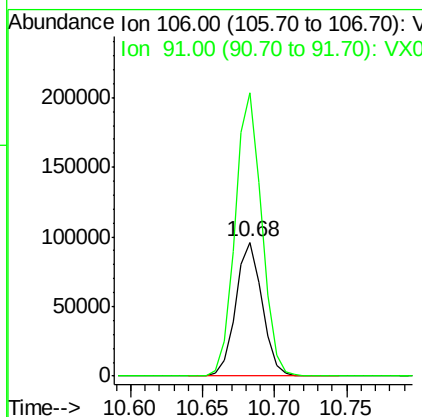
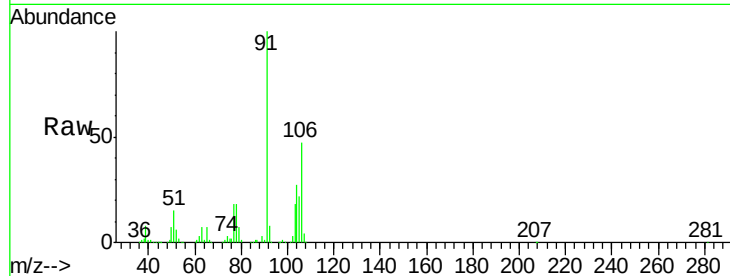
#69
o-Xylene
Concen: 21.106 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	123353		
91	91	212.0	107.9	323.7	

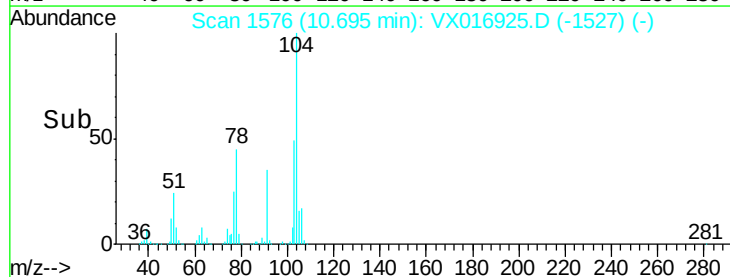
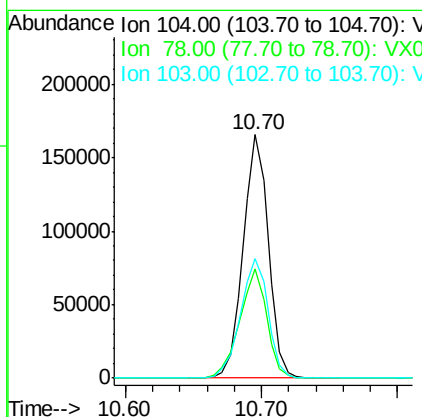
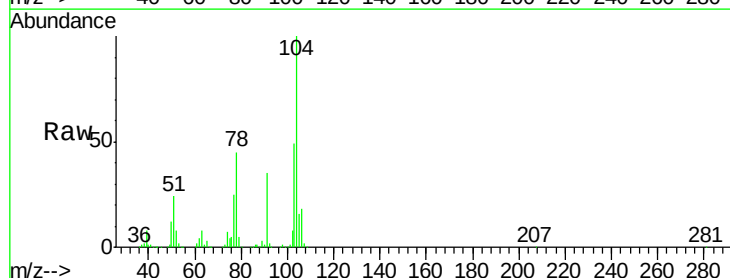
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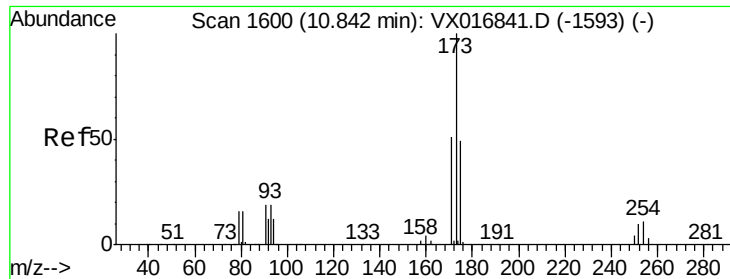
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#70
Styrene
Concen: 21.595 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	214439		
78	78	48.3	39.6	59.4	
103	103	53.9	43.3	64.9	





#71

Bromoform

Concen: 19.786 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

Tot Ion:173 Resp: 62067

Ion Ratio Lower Upper

173 100

175 48.5 24.3 73.0

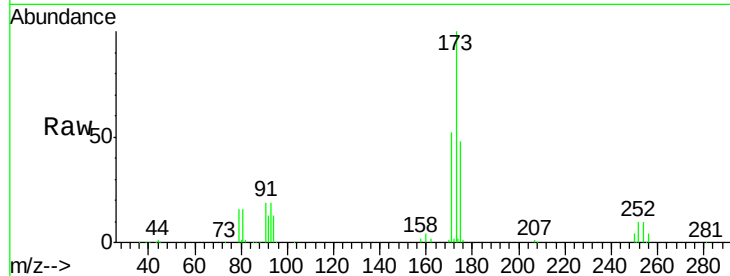
254 0.1 0.1 0.1

Manual Integrations

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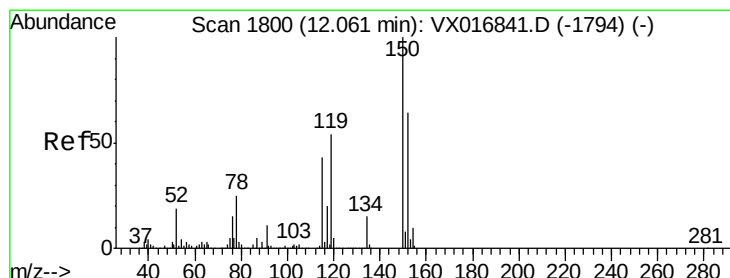
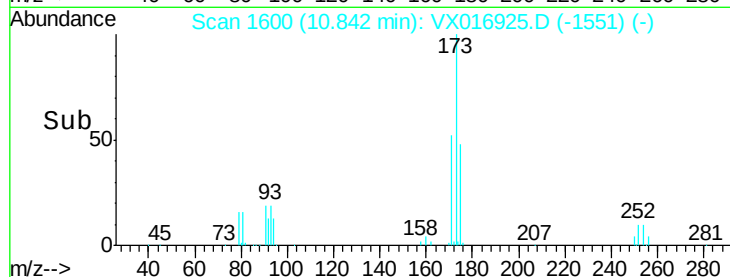
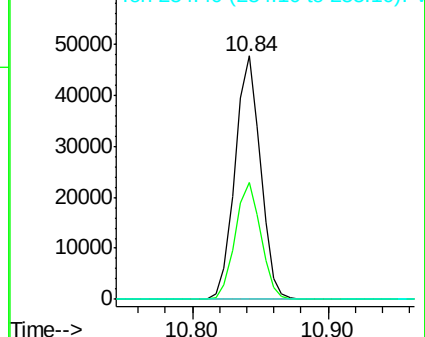
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

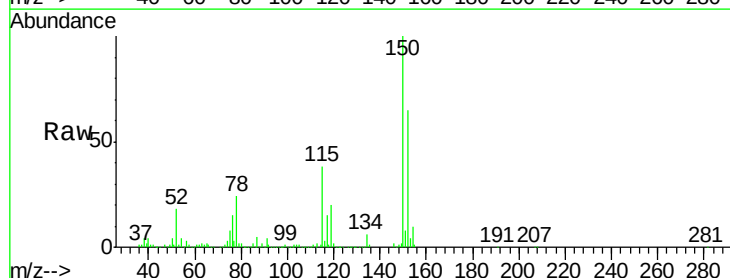
Tgt Ion:152 Resp: 241920

Ion Ratio Lower Upper

152 100

115 66.2 40.9 122.8

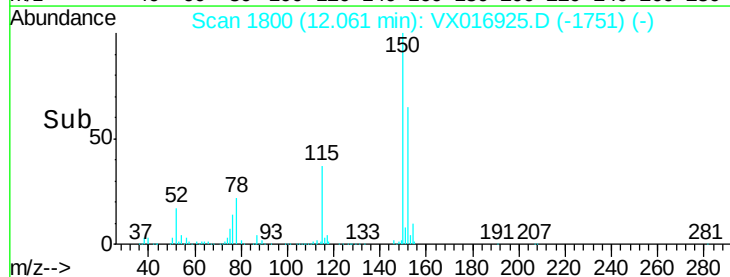
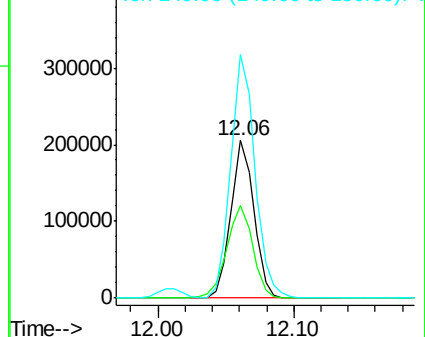
150 163.0 0.0 344.2

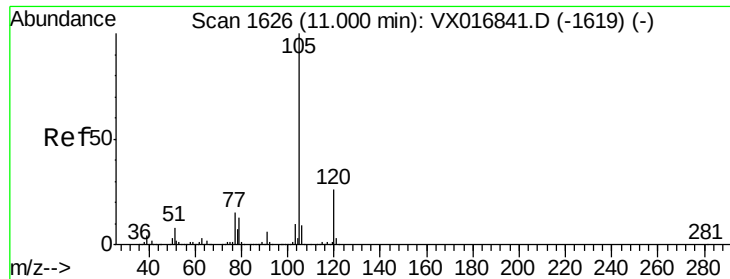


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.774 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

Tot Ion: 105 Resp: 339152

Ion Ratio Lower Upper

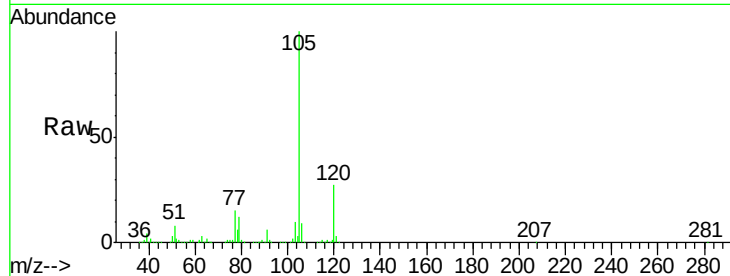
105 100

120 26.4 13.2 39.6

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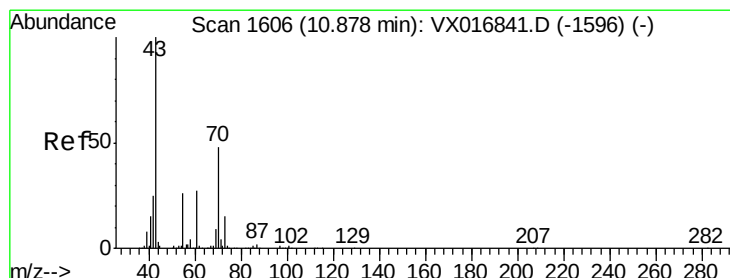
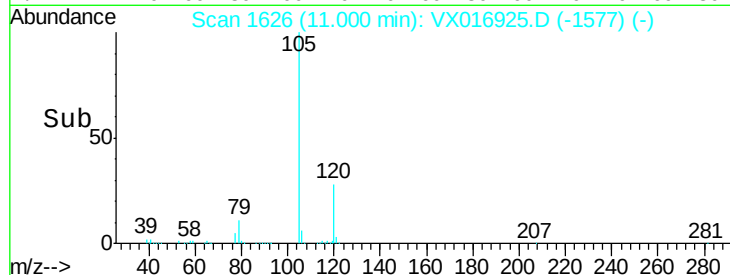
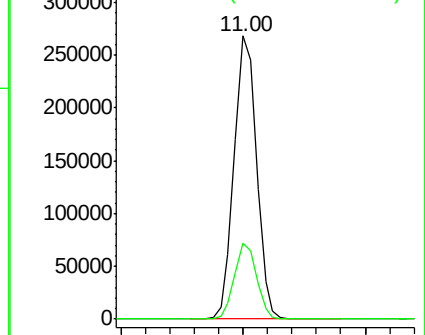
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 25.598 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Tgt Ion: 43 Resp: 139226

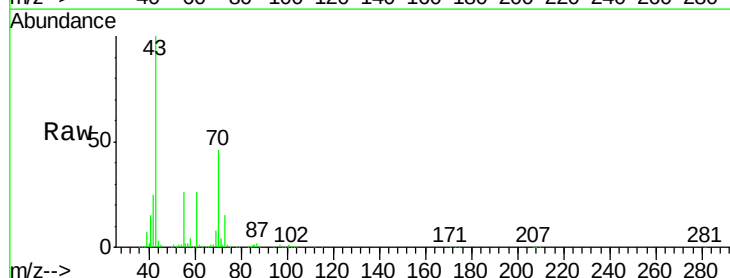
Ion Ratio Lower Upper

43 100

70 47.1 39.9 59.9

55 25.9 21.8 32.6

61 26.2 22.2 33.4

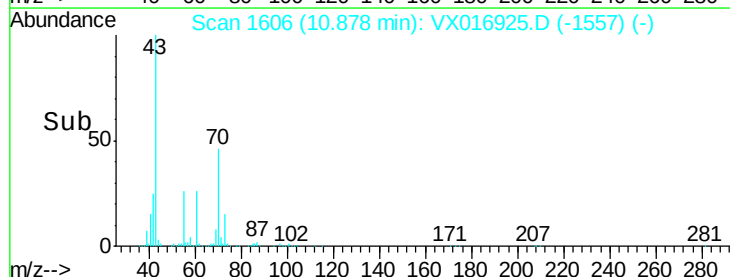
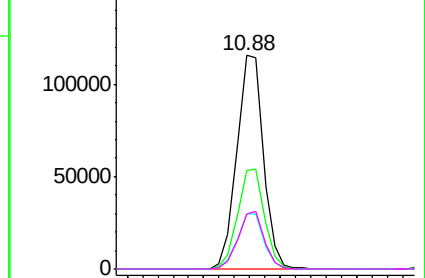


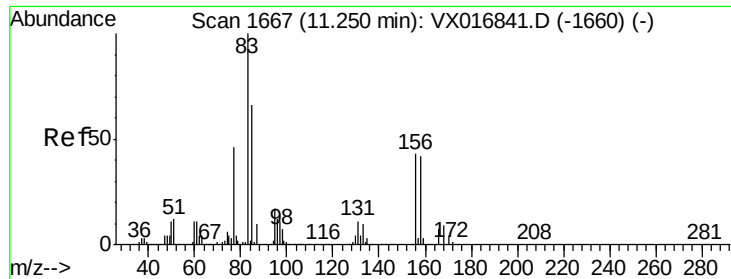
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.241 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

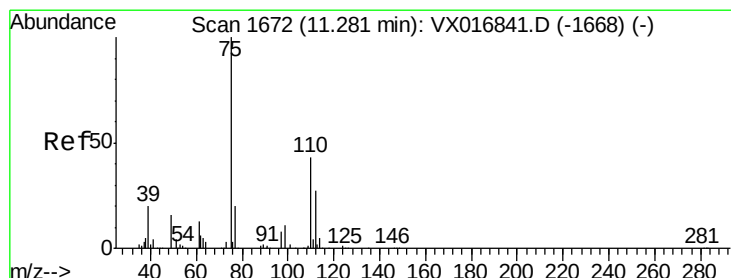
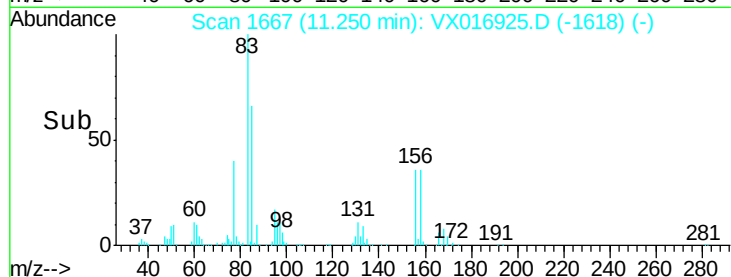
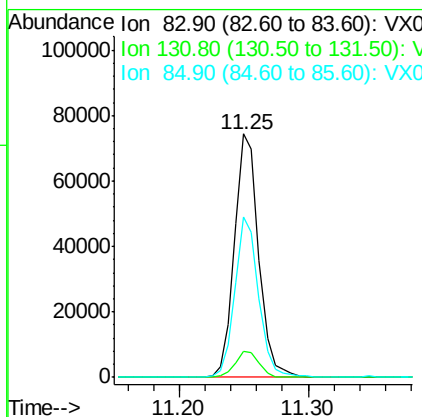
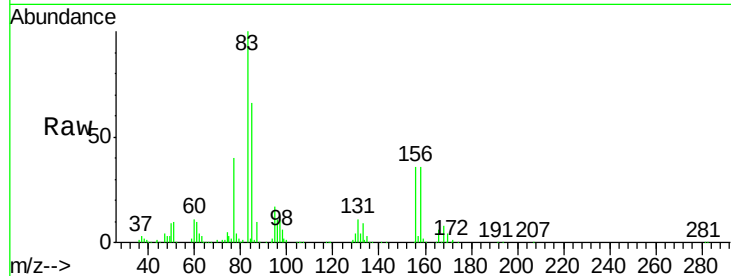
ClientSampleId :

VX0622WBSD01

Tot Ion:	83	Resp:	97823
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.7	17.1
85	64.6	32.6	97.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.128 ug/l m

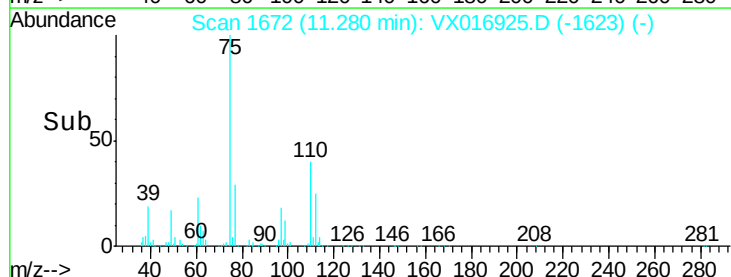
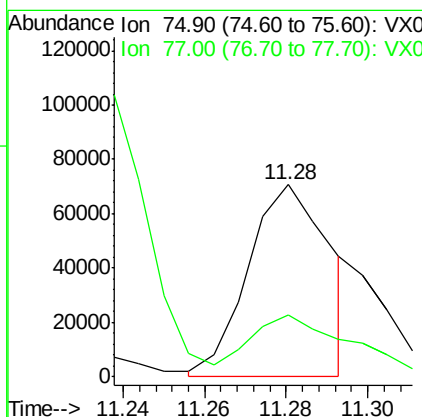
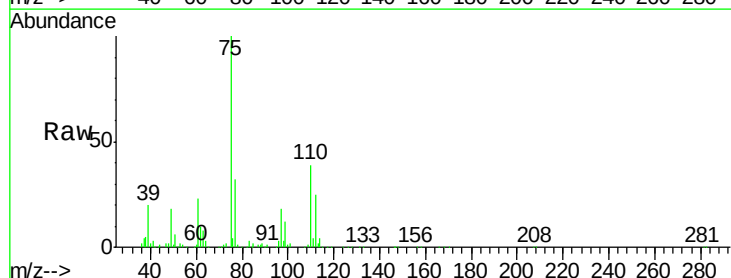
RT: 11.28 min Scan# 1672

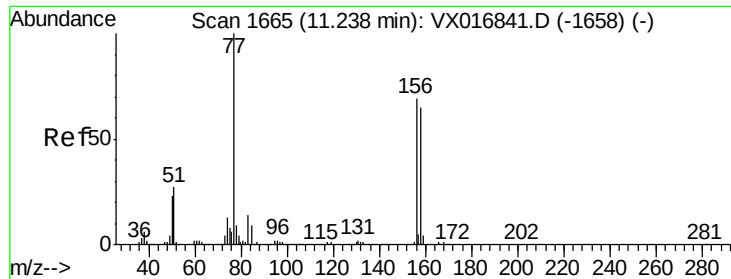
Delta R.T. 0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Tgt Ion:	75	Resp:	97769
Ion Ratio	Lower	Upper	
75	100		
77	40.3	20.5	61.5





#77

Bromobenzene

Concen: 20.490 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

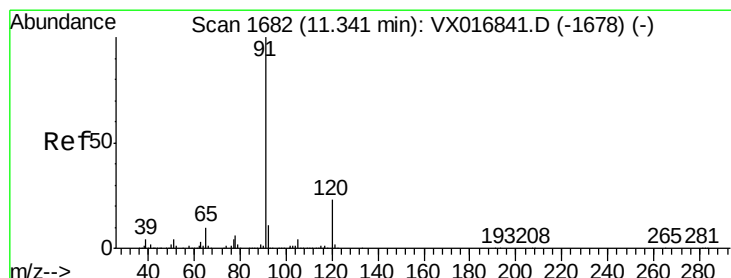
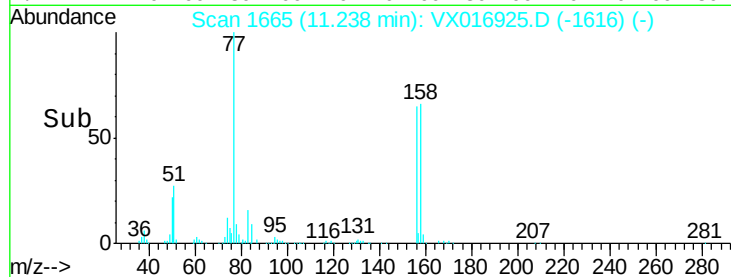
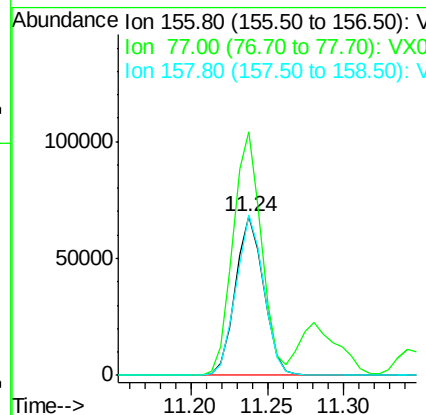
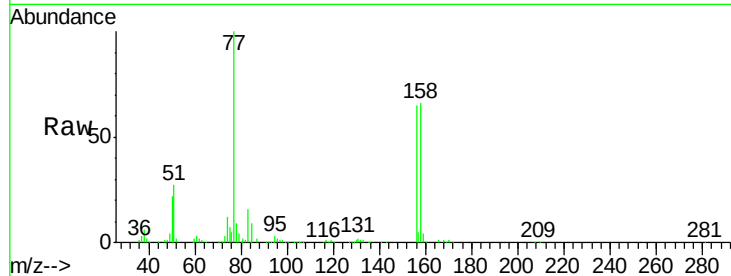
ClientSampleId :

VX0622WBSD01

Tot Ion:156 Resp: 87043
 Ion Ratio Lower Upper
 156 100
 77 154.3 73.4 220.2
 158 99.1 48.8 146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 21.486 ug/l

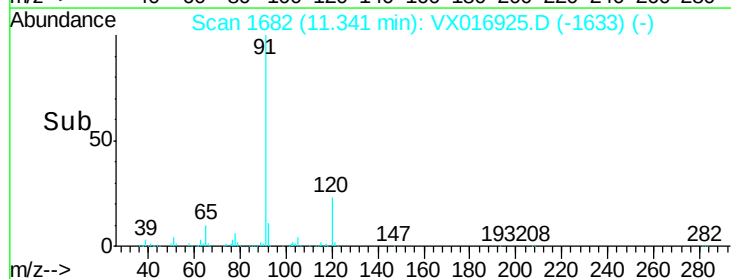
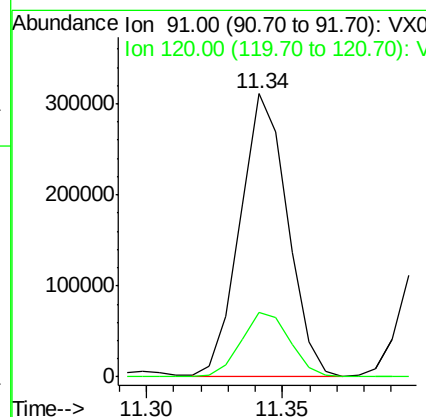
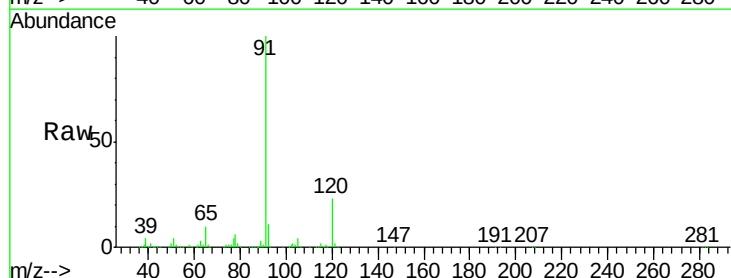
RT: 11.34 min Scan# 1682

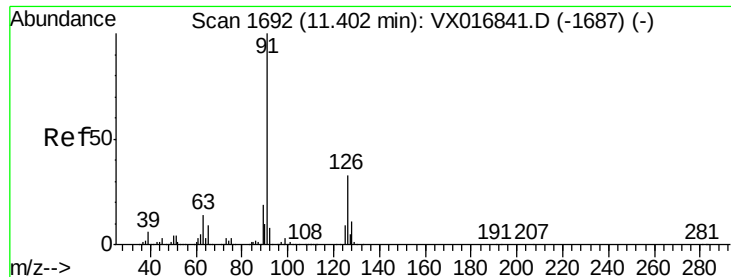
Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Tgt Ion: 91 Resp: 373491
 Ion Ratio Lower Upper
 91 100
 120 23.6 11.9 35.5





#79

2-Chlorotoluene

Concen: 20.989 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

Tot Ion: 91 Resp: 223231

Ion Ratio Lower Upper

91 100

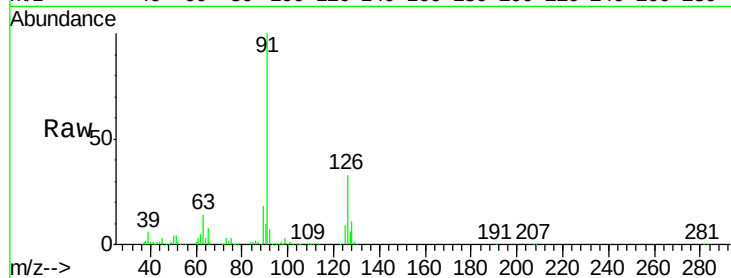
126 34.9 17.2 51.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX016841.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016841.D (-1687) (-)

300000

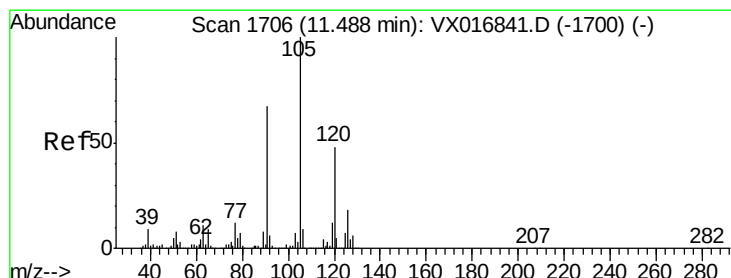
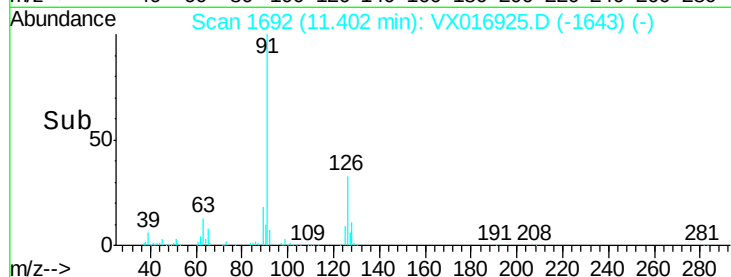
200000

100000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.169 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016925.D

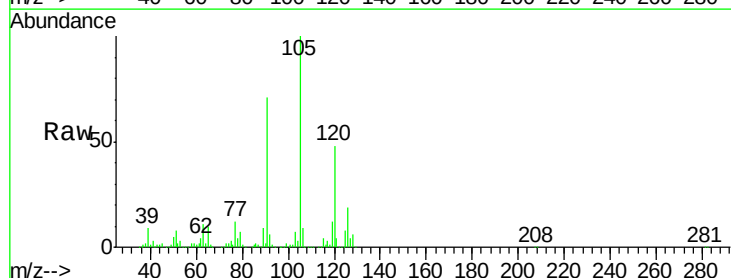
Acq: 22 Jun 2020 17:21

Tgt Ion: 105 Resp: 284497

Ion Ratio Lower Upper

105 100

120 49.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016841.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX016841.D (-1700) (-)

250000

200000

150000

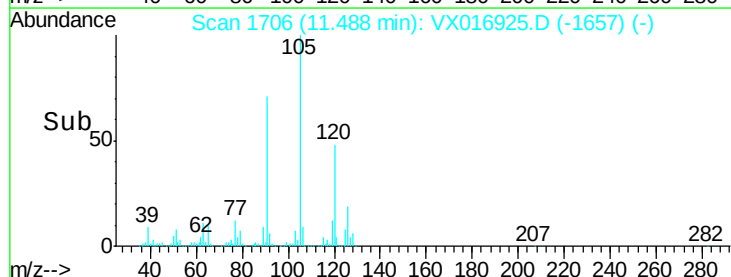
100000

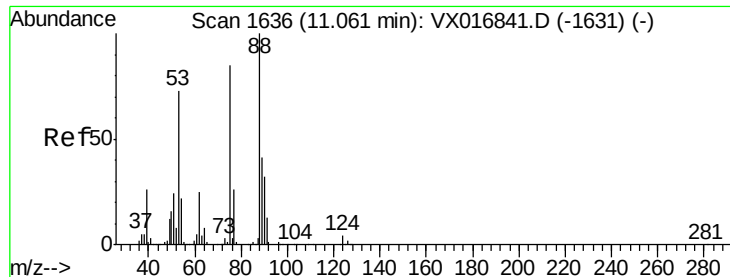
50000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.121 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

Tot Ion: 75 Resp: 36303

Ion Ratio Lower Upper

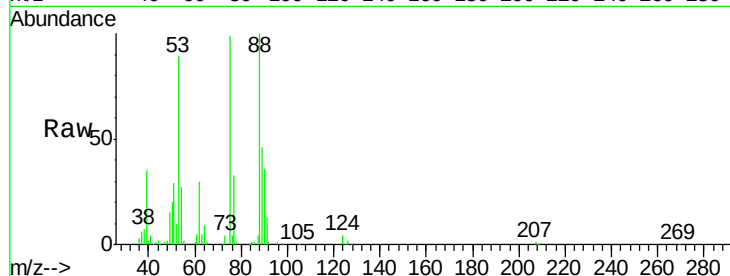
75 100

53 86.4 69.8 104.8

89 46.9 38.3 57.5

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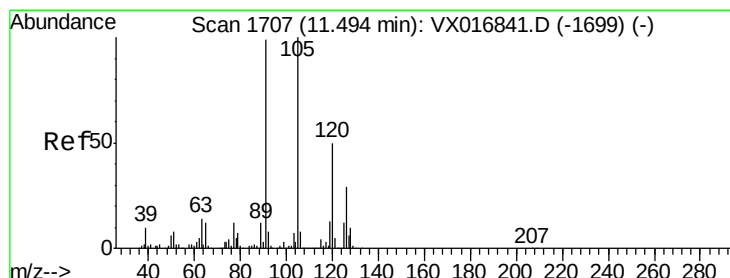
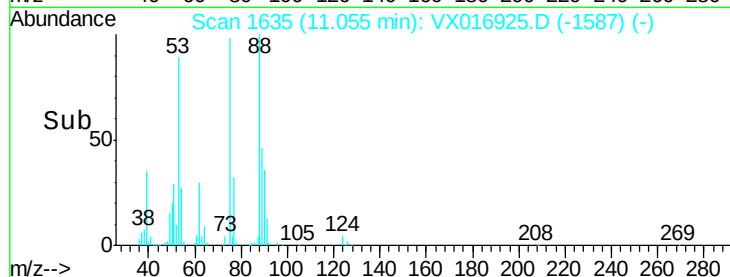
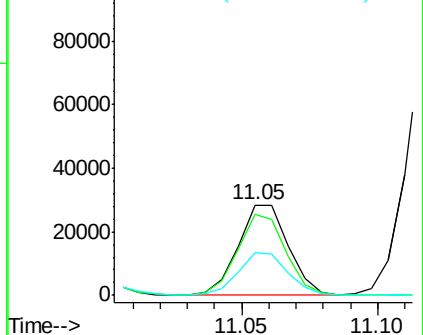
MMDadoda
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.900 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016925.D

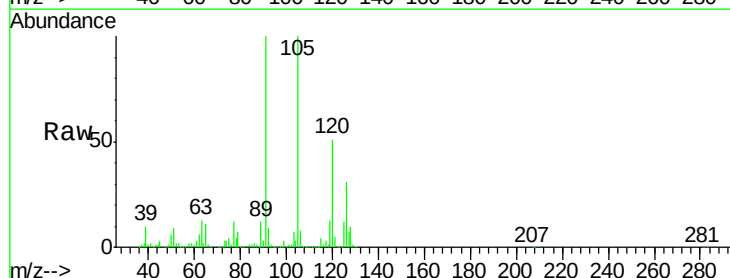
Acq: 22 Jun 2020 17:21

Tgt Ion: 91 Resp: 266674

Ion Ratio Lower Upper

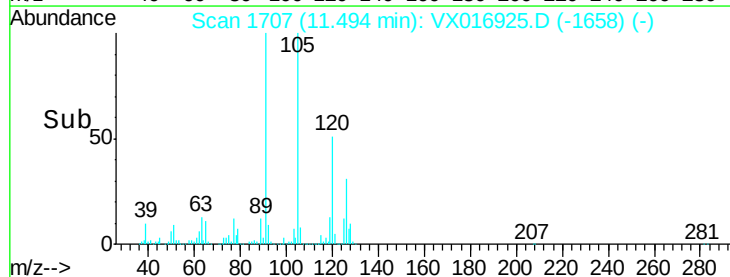
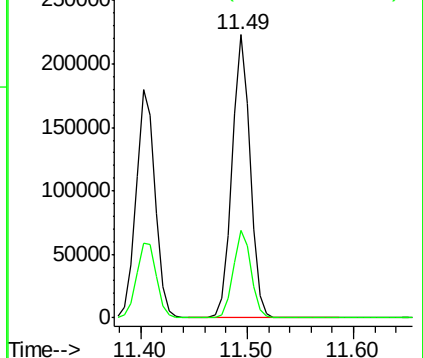
91 100

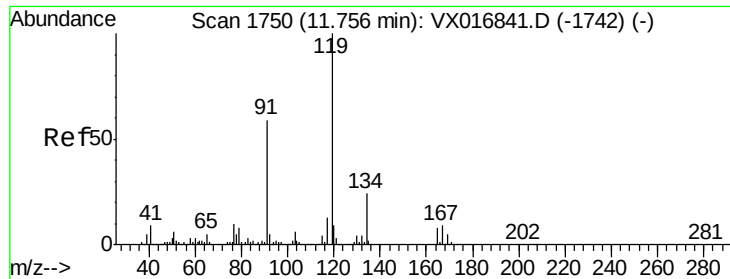
126 30.3 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.525 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

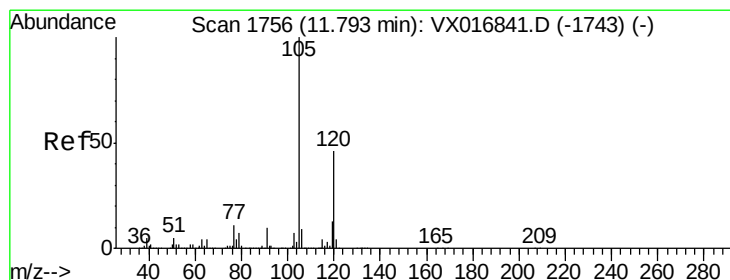
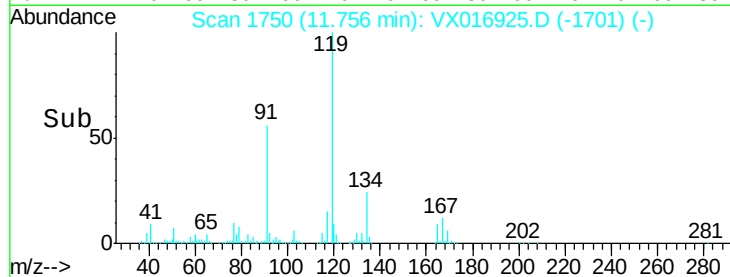
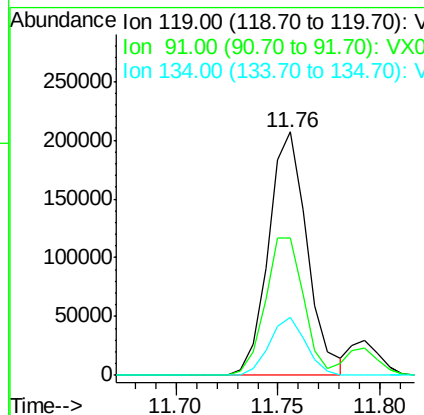
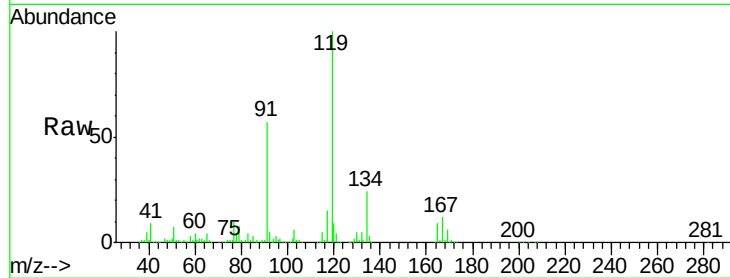
ClientSampleId :

VX0622WBSD01

Tot Ion:	119	Resp:	272926
Ion Ratio	Lower	Upper	
119	100		
91	56.1	28.5	85.5
134	22.8	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.016 ug/l

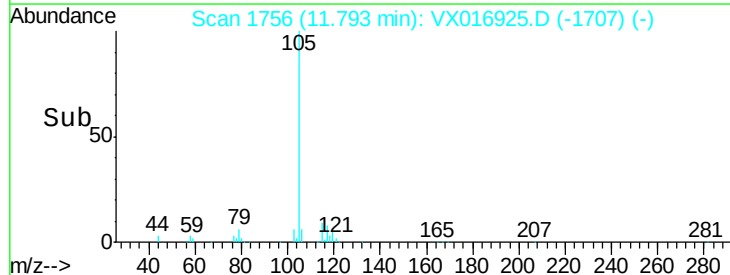
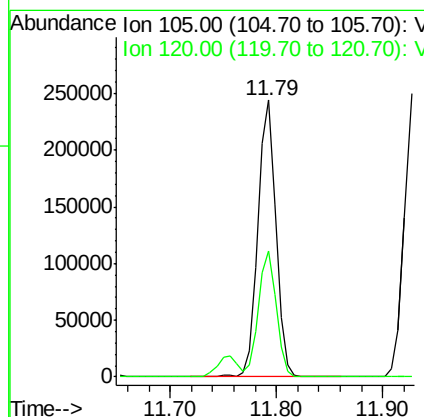
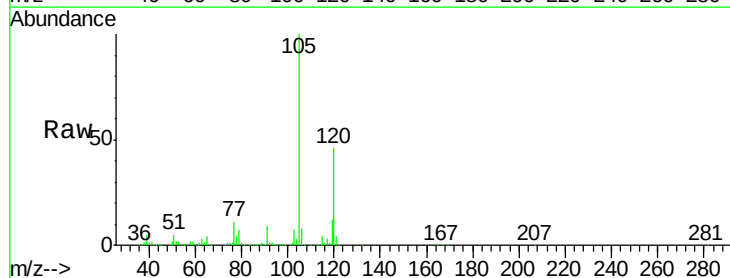
RT: 11.79 min Scan# 1756

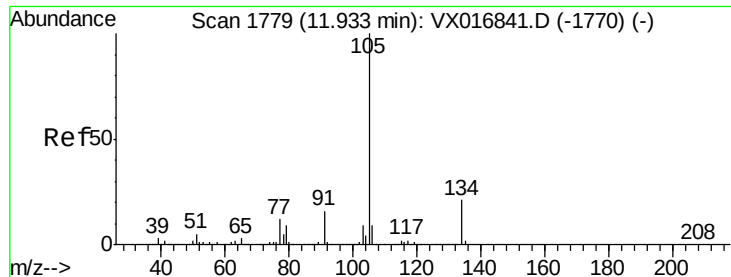
Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Tgt Ion:	105	Resp:	290941
Ion Ratio	Lower	Upper	
105	100		
120	45.4	22.3	66.9





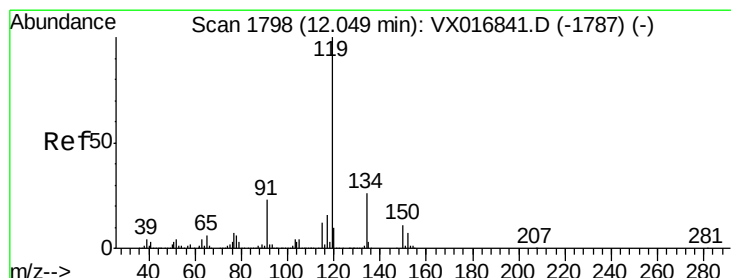
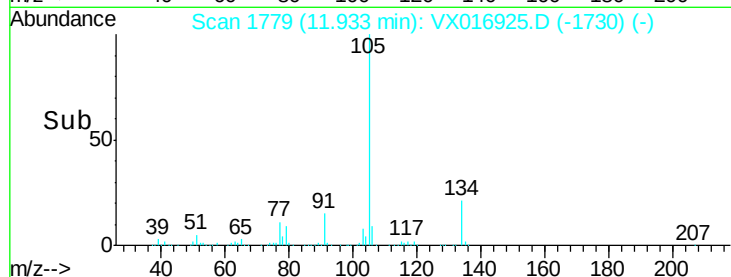
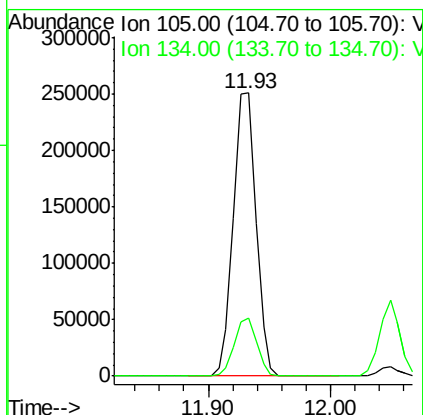
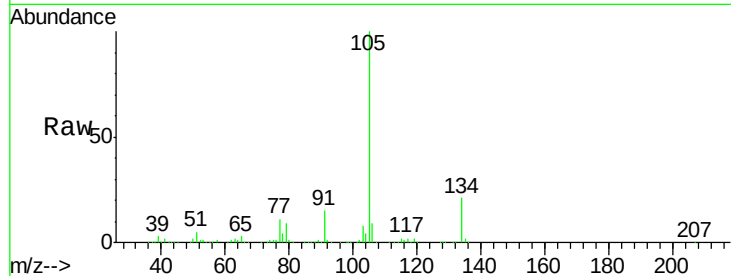
#85
 sec-Butylbenzene
 Concen: 20.792 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016925.D
 Acq: 22 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0622WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	321090		
134	20.2	10.4	31.2	

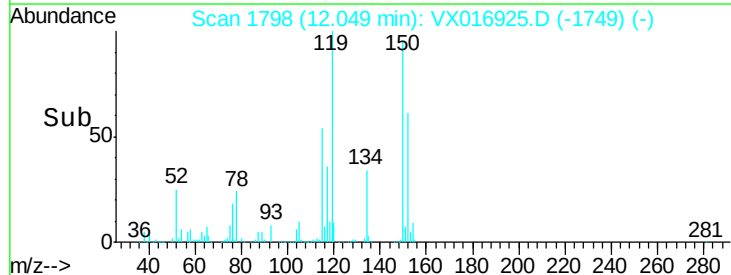
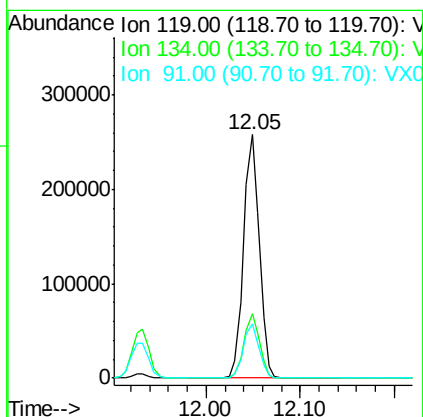
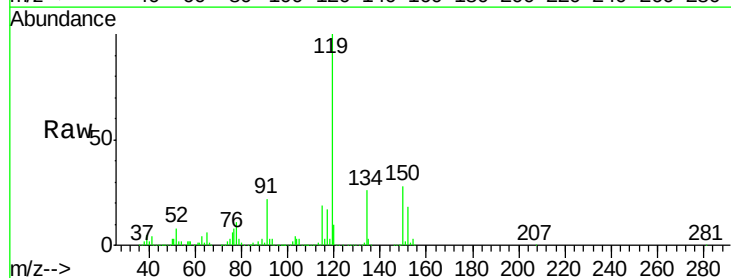
Manual Integrations
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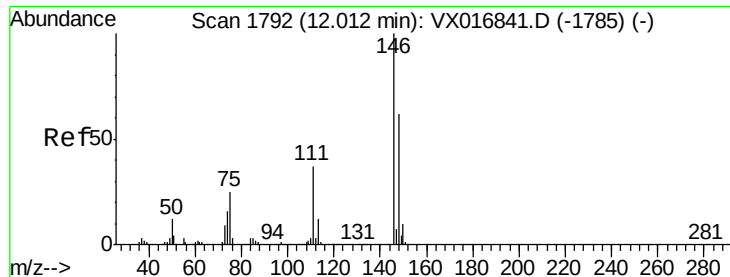
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#86
 p-Isopropyltoluene
 Concen: 21.226 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016925.D
 Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	300340		
134	26.1	12.9	38.7	
91	22.7	11.6	34.8	





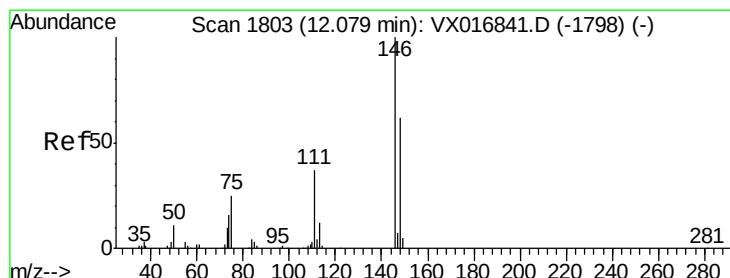
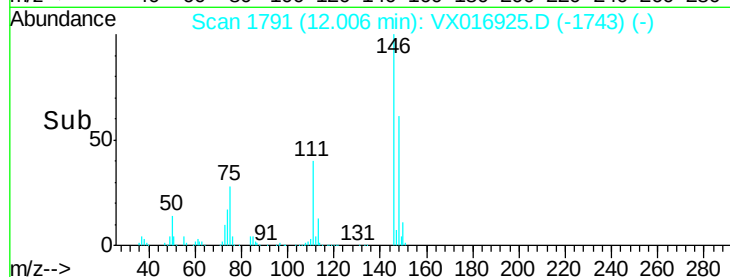
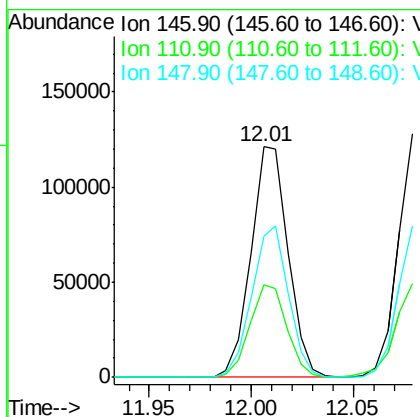
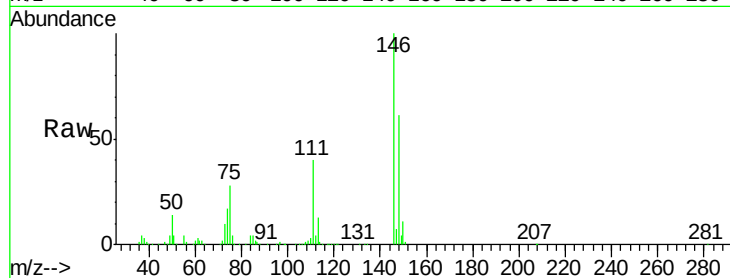
#87
 1,3-Dichlorobenzene
 Concen: 19.827 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016925.D
 Acq: 22 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.4	58.2
148	64.7	31.8	95.3

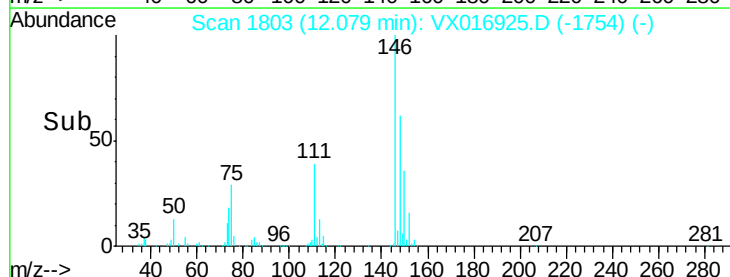
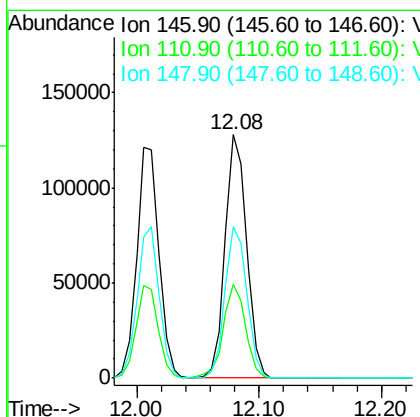
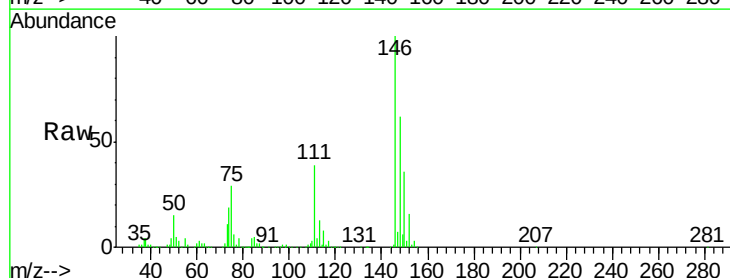
Manual Integrations
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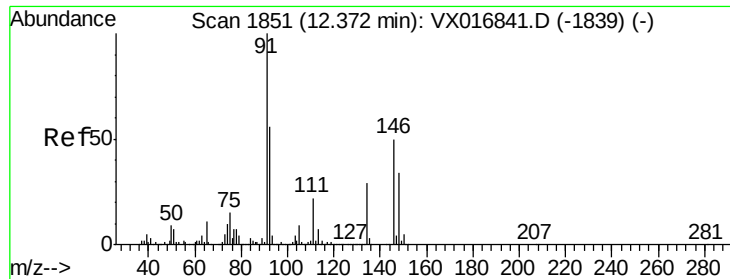
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#88
 1,4-Dichlorobenzene
 Concen: 19.840 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016925.D
 Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.0	57.0
148	63.5	31.6	95.0





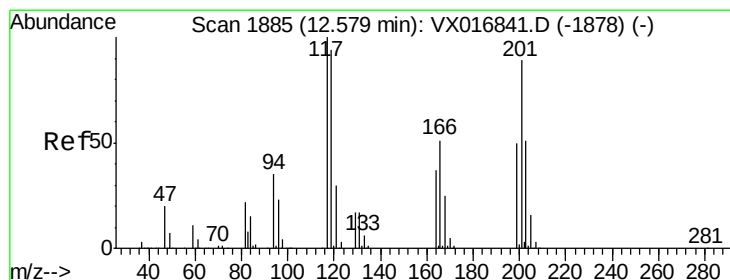
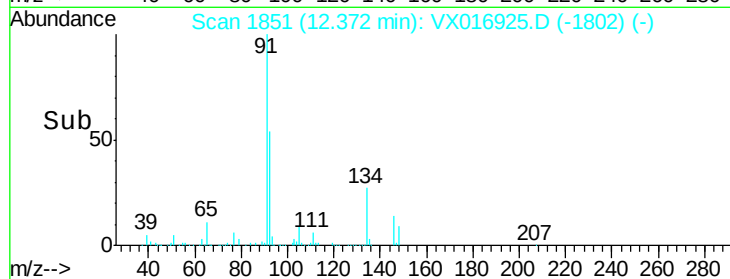
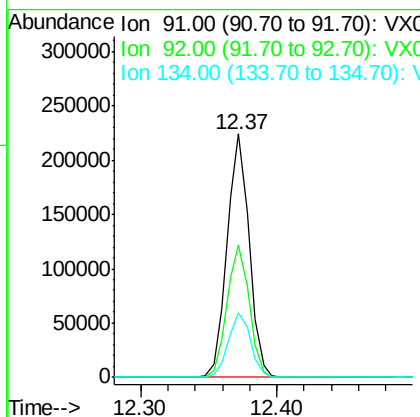
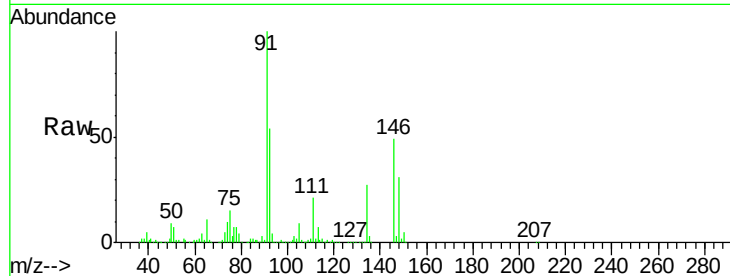
#89
n-Butylbenzene
Concen: 20.695 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	251101		
92	54.8		27.4	82.2
134	27.0		13.9	41.6

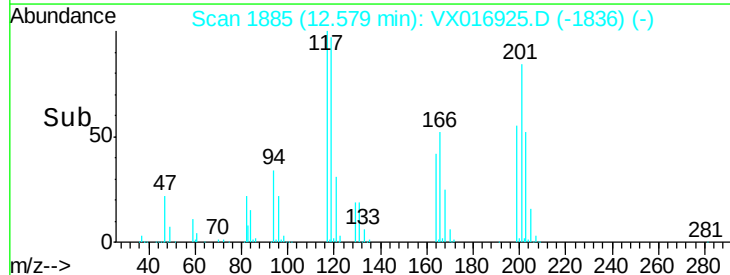
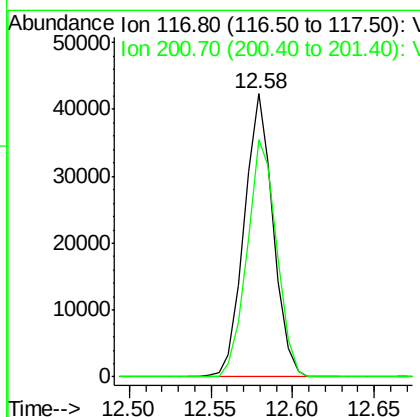
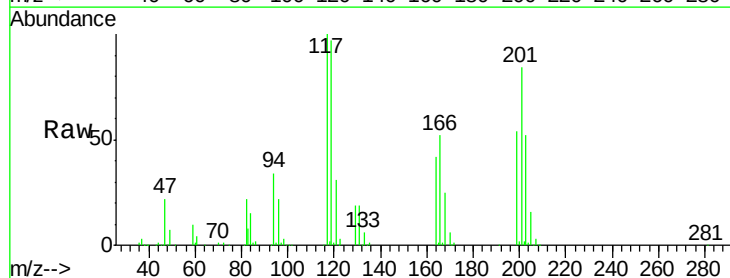
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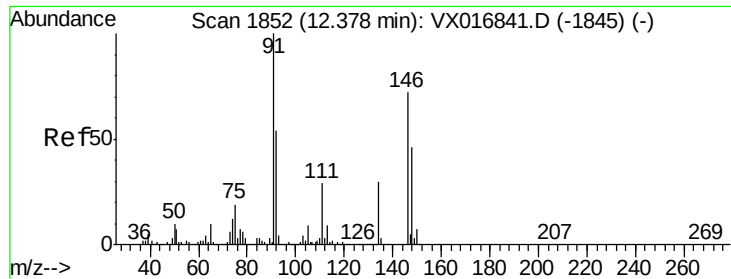
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#90
Hexachloroethane
Concen: 20.434 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	52082		
201	86.1		44.9	134.5





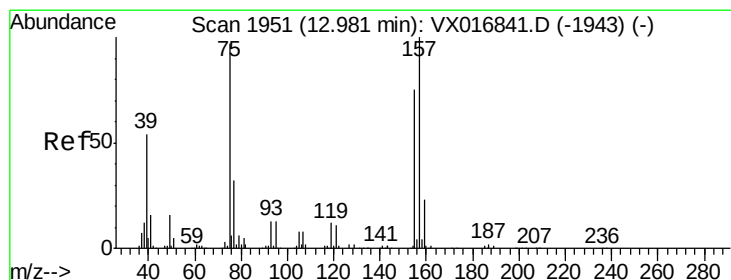
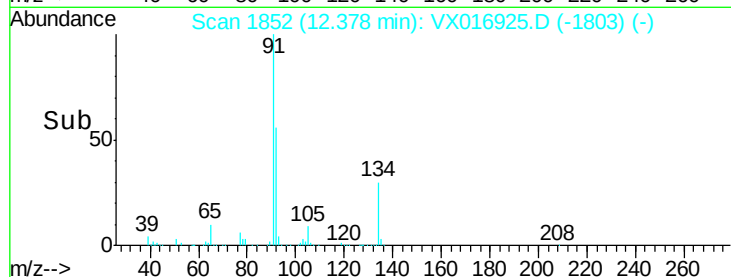
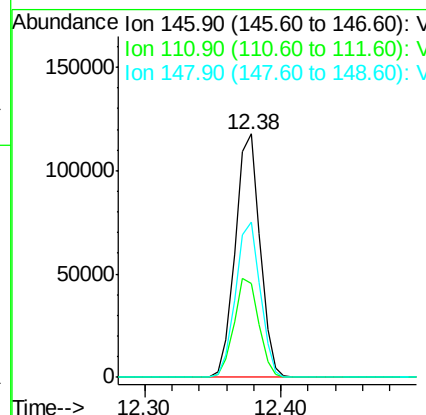
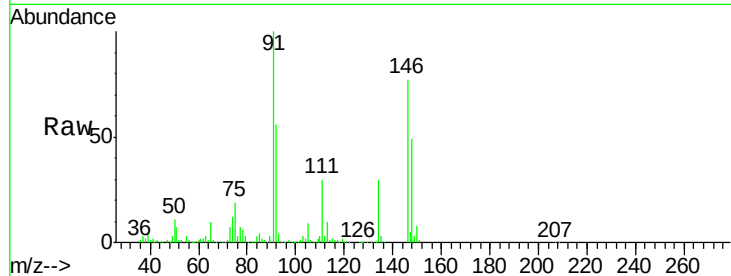
#91
 1,2-Dichlorobenzene
 Concen: 19.870 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016925.D
 Acq: 22 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.9	62.7
148	63.9	32.9	98.6

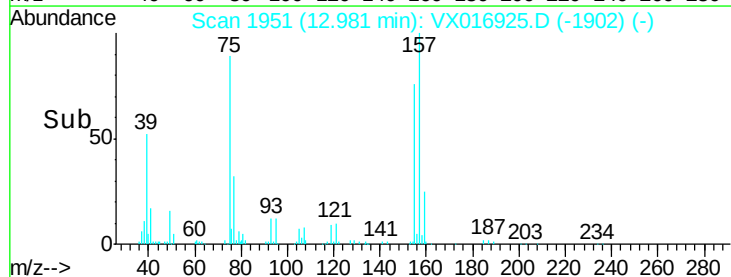
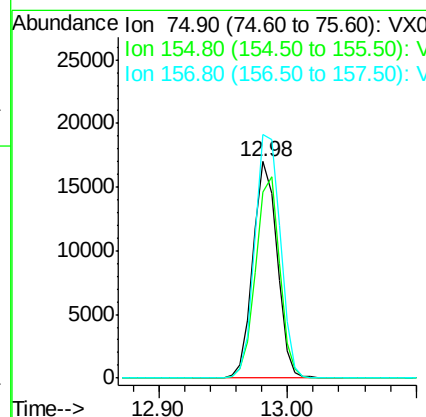
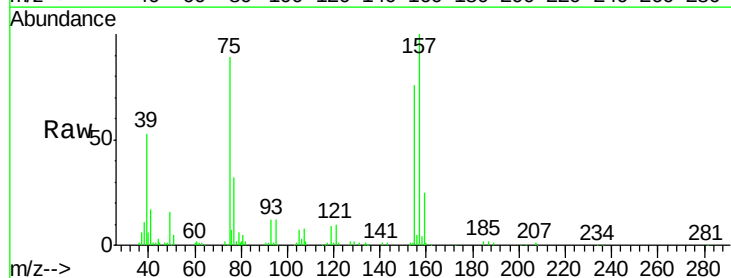
Manual Integrations
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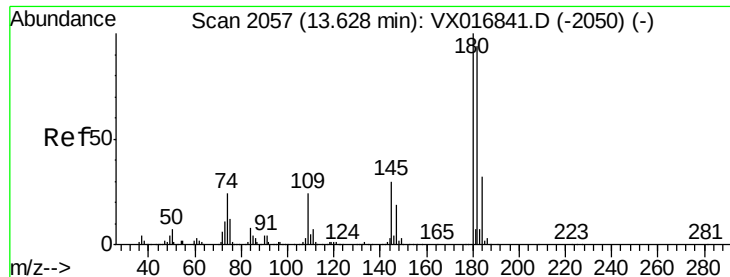
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.045 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016925.D
 Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.5	46.4	139.1
157	118.0	58.6	175.8





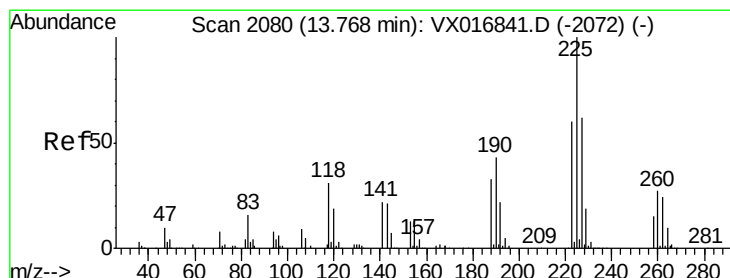
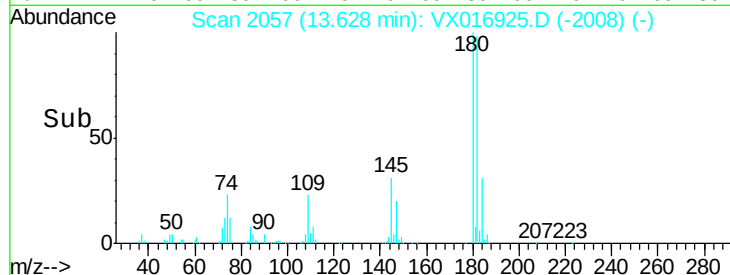
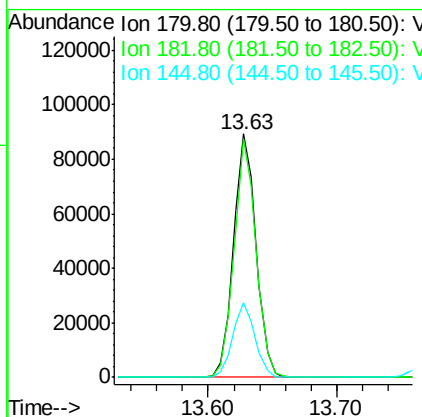
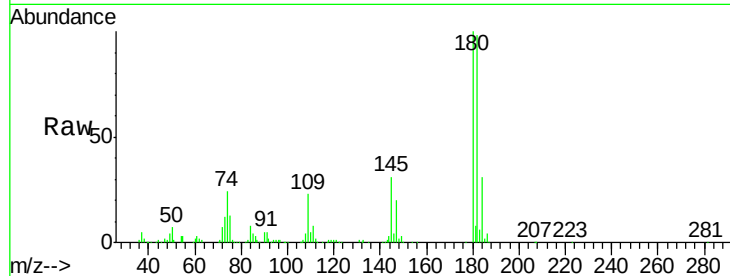
#93
1,2,4-Trichlorobenzene
Concen: 21.657 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.7	143.1	
145	30.3	15.0	45.1	

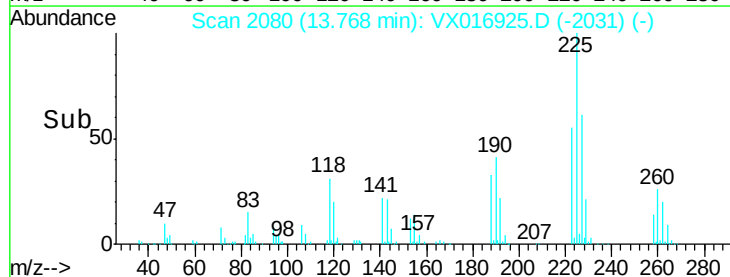
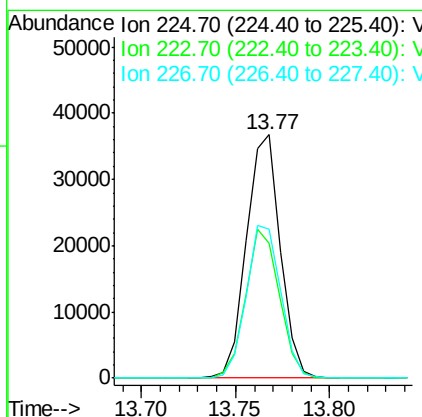
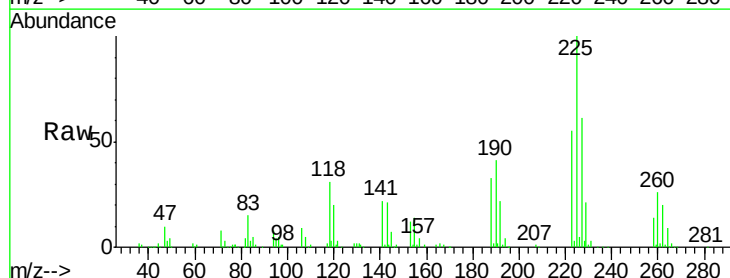
Manual Integrations
APPROVED

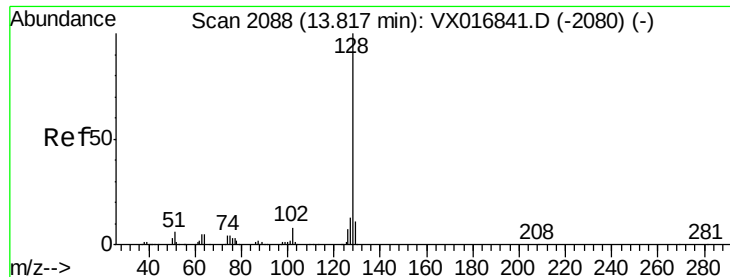
MMDadoda
6/23/2020 11:03:17 AM



#94
Hexachlorobutadiene
Concen: 20.137 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016925.D
Acq: 22 Jun 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.4	32.1	96.5	
227	64.1	32.3	96.8	





#95

Naphthalene

Concen: 22.533 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Instrument :

MSVOA_X

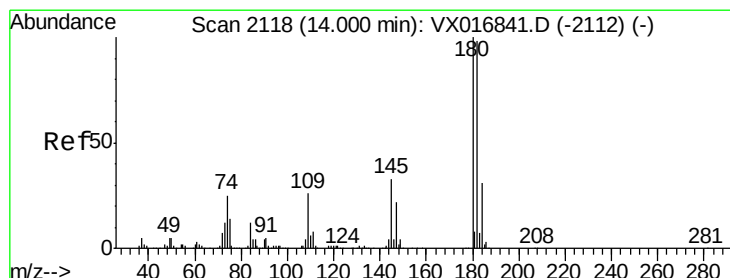
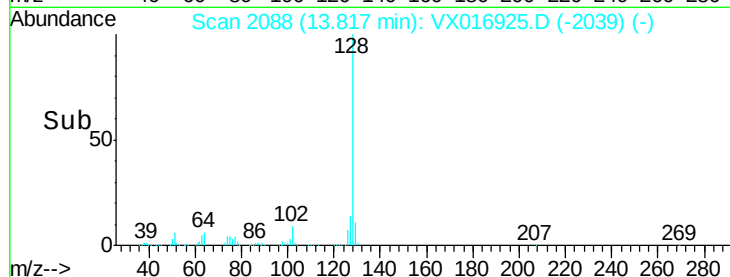
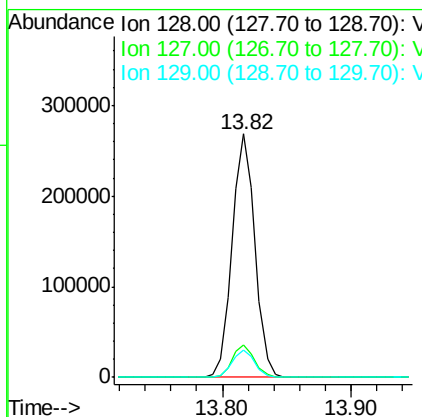
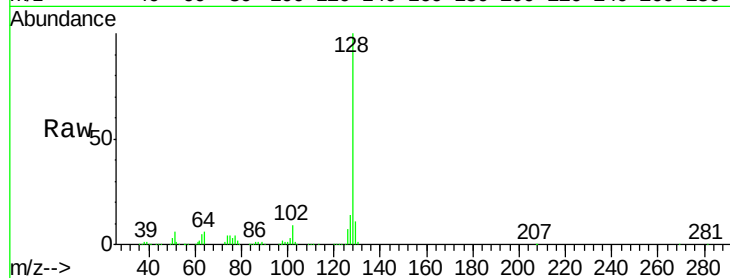
ClientSampleId :

VX0622WBSD01

Tot Ion:	128	Resp:	332821
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/23/2020 11:03:17 AM



#96

1,2,3-Trichlorobenzene

Concen: 24.620 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016925.D

Acq: 22 Jun 2020 17:21

Tgt Ion:	180	Resp:	123525
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.4	142.3
145	31.7	16.0	48.0

