

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102518\
 Data File : VX005583.D
 Acq On : 25 Oct 2018 12:30
 Operator : JC/MD
 Sample : VX1025WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 10:02:50 AM

Quant Time: Oct 26 05:54:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	217308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306794	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161703	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	130998	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	5.50	113	101724	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.71	98	394024	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	11.14	95	145649	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55249	25.758	ug/l	100
3) Chloromethane	1.32	50	60501	22.149	ug/l	99
4) Vinyl Chloride	1.40	62	58406	21.745	ug/l	100
5) Bromomethane	1.64	94	35314	21.130	ug/l	100
6) Chloroethane	1.72	64	34113	19.881	ug/l	99
7) Trichlorofluoromethane	1.93	101	79426	21.282	ug/l	97
8) Diethyl Ether	2.19	74	29624	19.890	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45095	21.059	ug/l	100
10) Methyl Iodide	2.51	142	41478	20.262	ug/l	100
11) Tert butyl alcohol	3.06	59	73324	102.720	ug/l	99
12) 1,1-Dichloroethene	2.37	96	40845	20.023	ug/l	96
13) Acrolein	2.29	56	28919	79.420	ug/l	99
14) Allyl chloride	2.73	41	91155	20.023	ug/l	99
15) Acrylonitrile	3.15	53	157877	98.632	ug/l	99
16) Acetone	2.44	43	154935	110.533	ug/l	99
17) Carbon Disulfide	2.57	76	127086	20.438	ug/l	99
18) Methyl Acetate	2.78	43	74255	20.584	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	145450	19.989	ug/l	99
20) Methylene Chloride	2.85	84	48188	20.526	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	44700	20.070	ug/l	99
22) Diisopropyl ether	3.87	45	162789	20.476	ug/l	96
23) Vinyl Acetate	3.82	43	742087	105.986	ug/l	99
24) 1,1-Dichloroethane	3.70	63	87426	20.227	ug/l	99
25) 2-Butanone	4.70	43	215179	100.810	ug/l	100
26) 2,2-Dichloropropane	4.58	77	65329	19.577	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45599	18.991	ug/l	97
28) Bromochloromethane	5.01	49	42332	20.249	ug/l	100
29) Tetrahydrofuran	5.15	42	135308	97.408	ug/l	99
30) Chloroform	5.21	83	79892	19.760	ug/l	97
31) Cyclohexane	5.57	56	71957	20.121	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	69873	19.581	ug/l	99
36) 1,1-Dichloropropene	5.80	75	59785	20.080	ug/l	98
37) Ethyl Acetate	4.85	43	75830	19.959	ug/l	99
38) Carbon Tetrachloride	5.78	117	62053	19.789	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 VX1025WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 10:02:50 AM

Quant Time: Oct 26 05:54:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69695	21.199	ug/l	95
40) Benzene	6.14	78	176176	20.642	ug/l	96
41) Methacrylonitrile	5.06	41	41668	19.689	ug/l	99
42) 1,2-Dichloroethane	6.20	62	66112	20.391	ug/l	100
43) Isopropyl Acetate	6.46	43	108962	19.139	ug/l	98
44) Trichloroethene	7.21	130	48544	20.878	ug/l	100
45) 1,2-Dichloropropane	7.51	63	47716	20.795	ug/l	97
46) Dibromomethane	7.66	93	30136	20.335	ug/l	100
47) Bromodichloromethane	7.90	83	59670	20.745	ug/l	99
48) Methyl methacrylate	7.77	41	58119	20.955	ug/l	99
49) 1,4-Dioxane	7.75	88	25504	420.779	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	399126	104.313	ug/l	99
52) Toluene	8.78	92	110240	21.253	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	64055	20.605	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	70839	21.166	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	45263	20.698	ug/l	99
56) Ethyl methacrylate	9.18	69	66793	20.477	ug/l	99
57) 1,3-Dichloropropane	9.37	76	76579	20.696	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	195988	107.579	ug/l	100
59) 2-Hexanone	9.49	43	320693	106.302	ug/l	99
60) Dibromochloromethane	9.59	129	47002	20.600	ug/l	100
61) 1,2-Dibromoethane	9.67	107	48803	21.571	ug/l	97
64) Tetrachloroethene	9.34	164	50417	21.082	ug/l	99
65) Chlorobenzene	10.14	112	124299	20.262	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	45342	20.270	ug/l	100
67) Ethyl Benzene	10.25	91	206929	20.502	ug/l	99
68) m/p-Xylenes	10.36	106	163308	41.704	ug/l	99
69) o-Xylene	10.70	106	76268	20.702	ug/l	98
70) Styrene	10.71	104	129739	21.037	ug/l	100
71) Bromoform	10.86	173	37561	18.818	ug/l	99
73) Isopropylbenzene	11.02	105	212474	21.495	ug/l	99
74) N-amyl acetate	10.90	43	98483	20.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	72046	19.756	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	70419m	20.554	ug/l	
77) Bromobenzene	11.26	156	58054	21.074	ug/l	97
78) n-propylbenzene	11.36	91	248617	21.996	ug/l	99
79) 2-Chlorotoluene	11.42	91	149505	21.333	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	181761	21.495	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	20905	19.937	ug/l	96
82) 4-Chlorotoluene	11.51	91	175696	21.261	ug/l	100
83) tert-Butylbenzene	11.77	119	174444	20.696	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	189223	22.080	ug/l	99
85) sec-Butylbenzene	11.94	105	216257	21.502	ug/l	100
86) p-Isopropyltoluene	12.07	119	196786	21.887	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	105783	20.421	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	106869	19.764	ug/l	97
89) n-Butylbenzene	12.39	91	172081	21.201	ug/l	100
90) Hexachloroethane	12.60	117	30710	19.804	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	104480	19.935	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17386	19.718	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

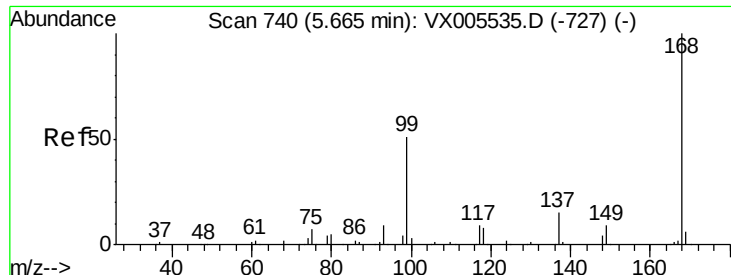
Manual Integrations
APPROVED

MMDadoda
10/26/2018 10:02:50 AM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	78775	20.735	ug/l	100
94) Hexachlorobutadiene	13.79	225	40715	20.680	ug/l	99
95) Naphthalene	13.83	128	232034	21.011	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	80317	20.855	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion:168 Resp: 217308

Ion Ratio Lower Upper

168 100

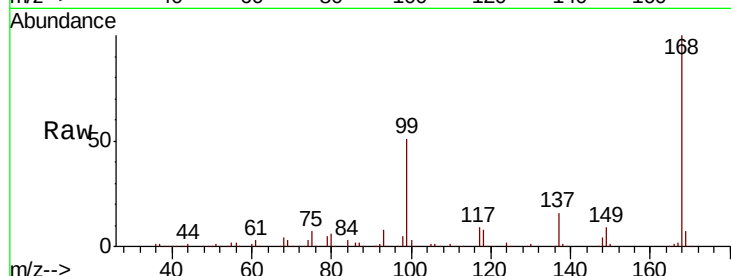
99 50.5 40.7 61.1

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

80000

60000

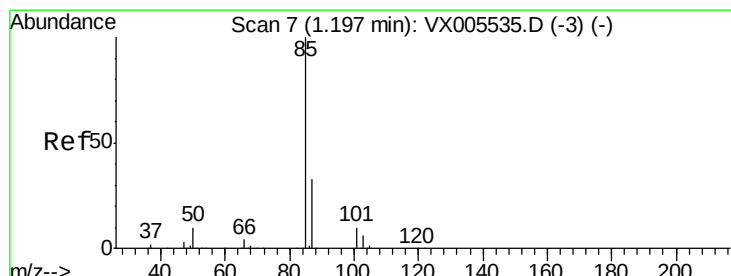
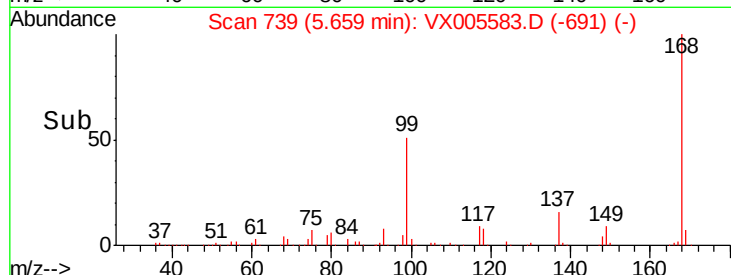
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 25.758 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005583.D

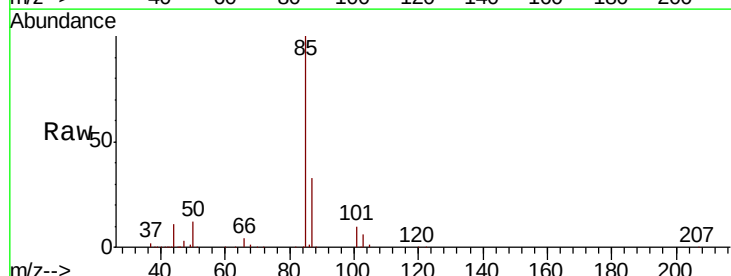
Acq: 25 Oct 2018 12:30

Tgt Ion: 85 Resp: 55249

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

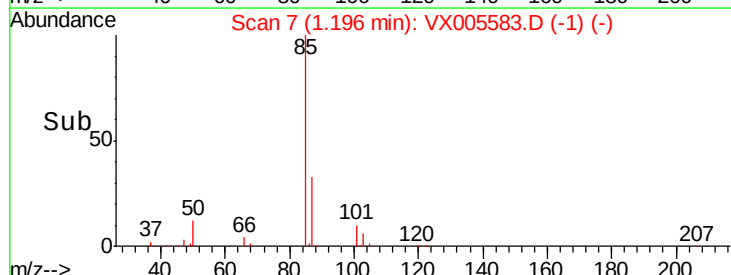
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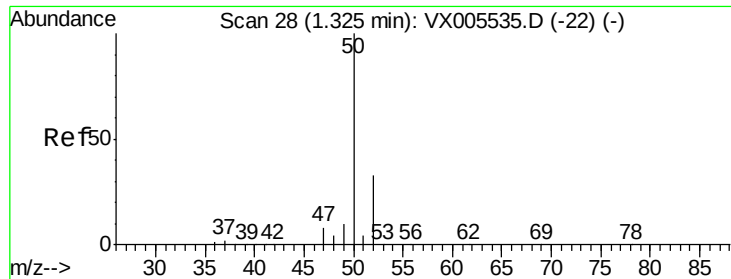
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 22.149 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion: 50 Resp: 60501

Ion Ratio Lower Upper

50 100

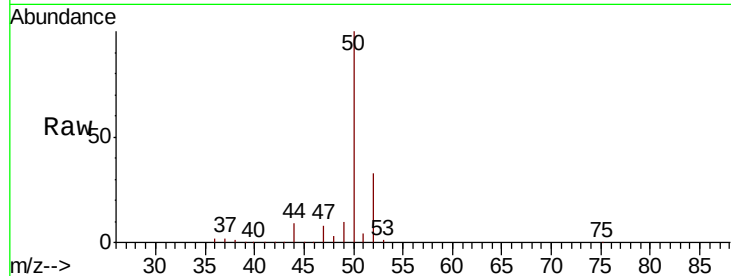
52 33.5 26.2 39.2

Manual Integrations

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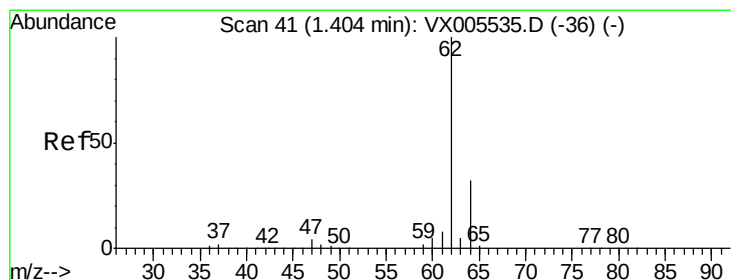
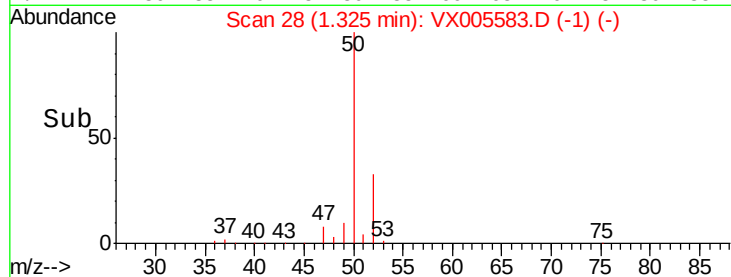
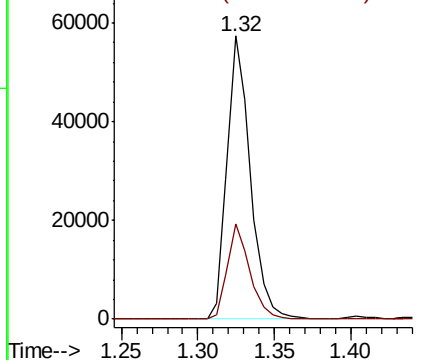
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.745 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005583.D

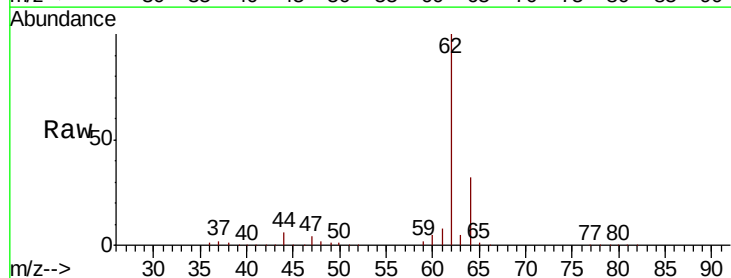
Acq: 25 Oct 2018 12:30

Tgt Ion: 62 Resp: 58406

Ion Ratio Lower Upper

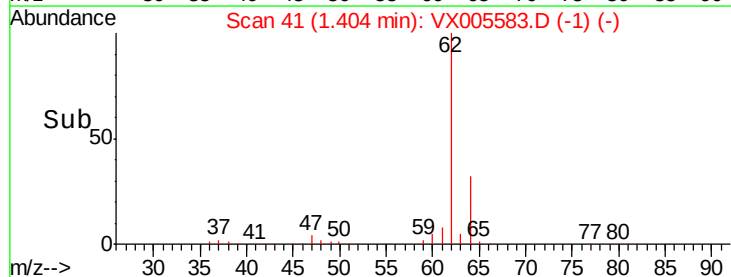
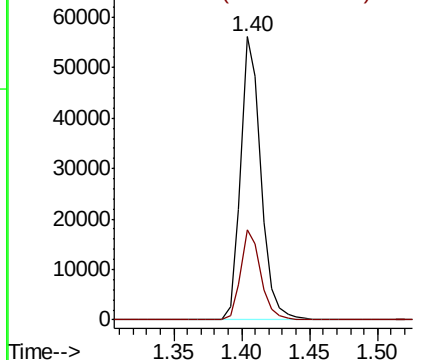
62 100

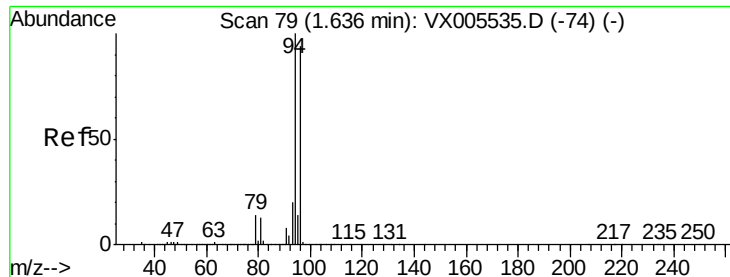
64 31.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.130 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion: 94 Resp: 35314

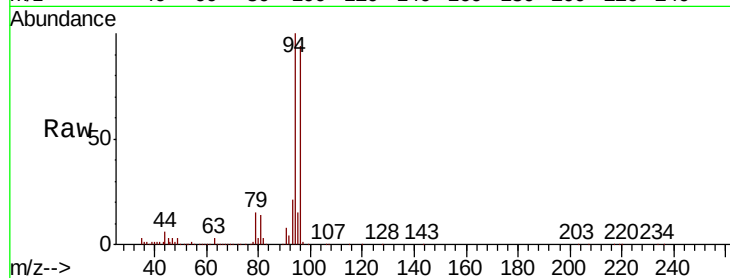
Ion Ratio Lower Upper

94 100

96 94.5 75.2 112.8

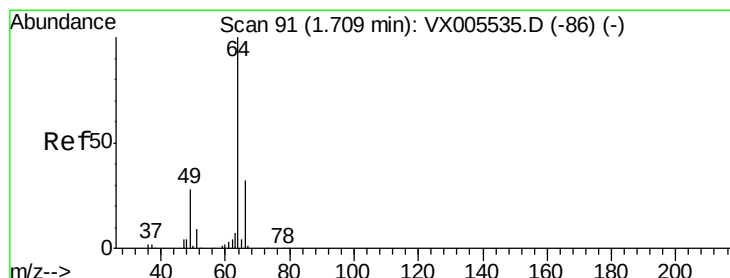
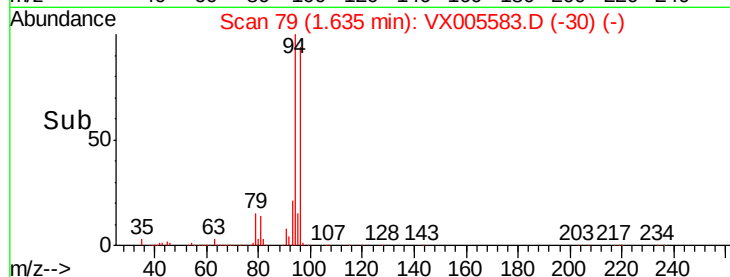
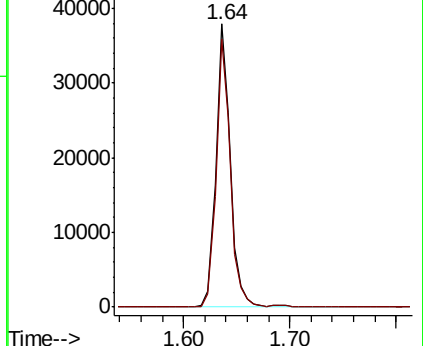
Manual Integrations
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10/26/2018 10:02:50 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.881 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005583.D

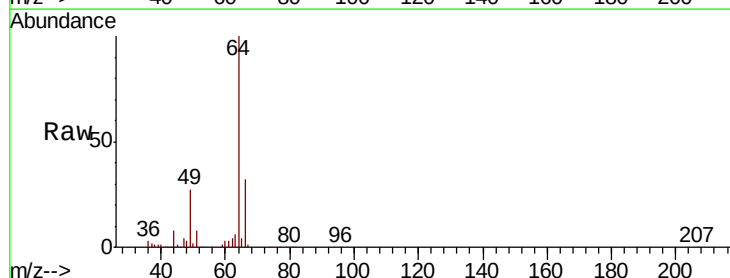
Acq: 25 Oct 2018 12:30

Tgt Ion: 64 Resp: 34113

Ion Ratio Lower Upper

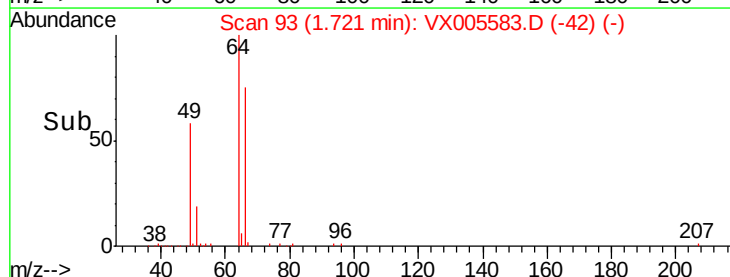
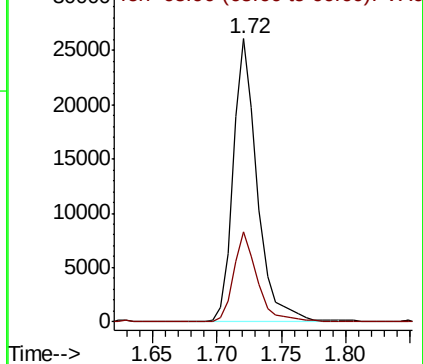
64 100

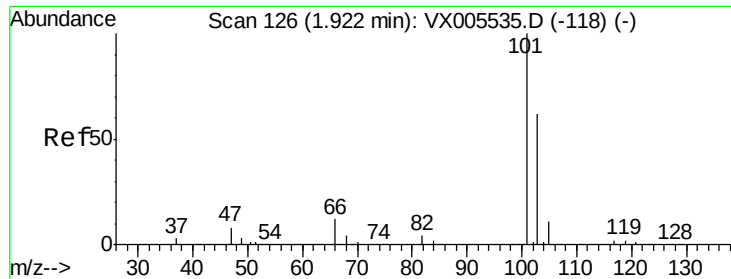
66 31.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

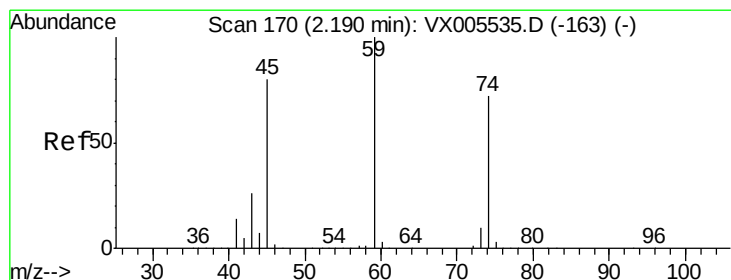
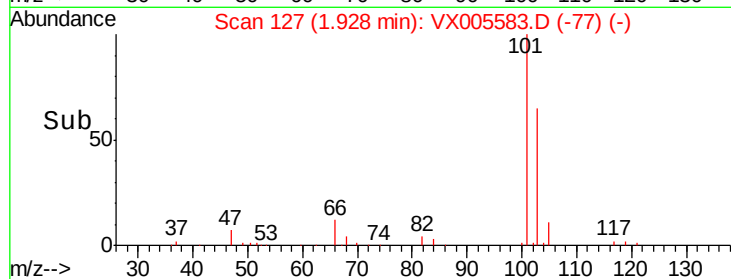
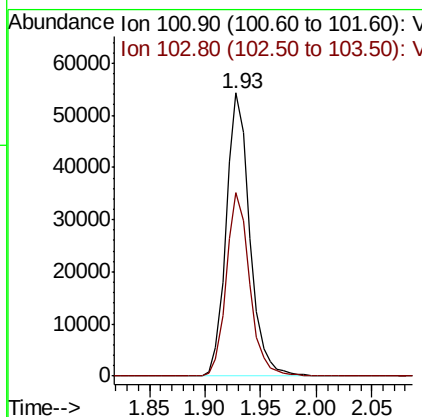
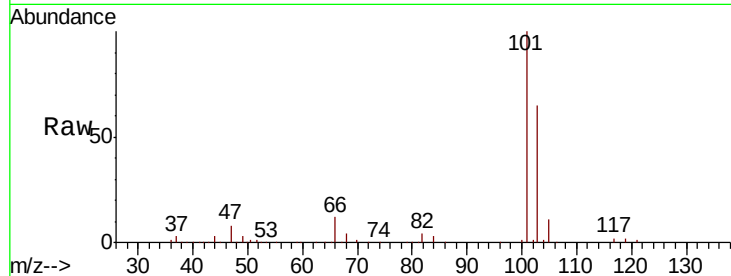
Trichlorofluoromethane
Concen: 21.282 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.0	75.0

Manual Integrations
APPROVED

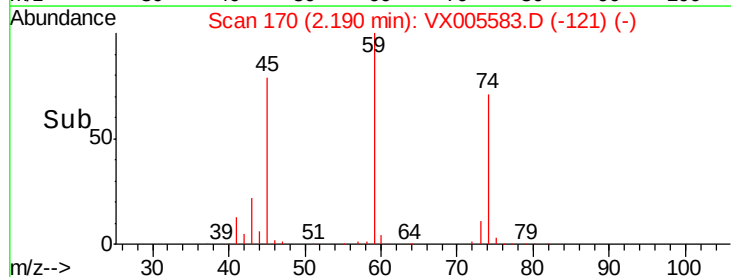
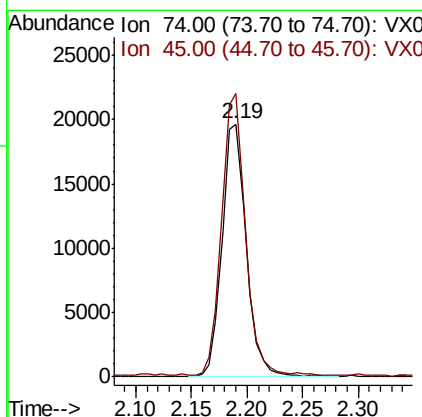
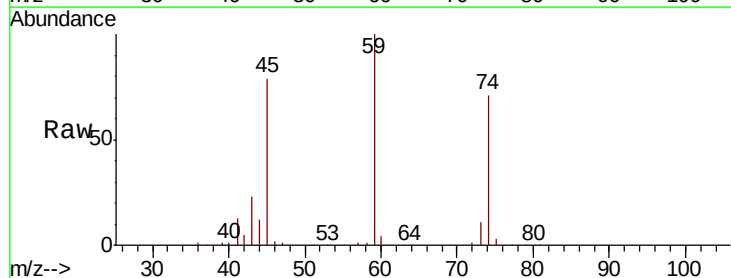
MMDadoda
10/26/2018 10:02:50 AM

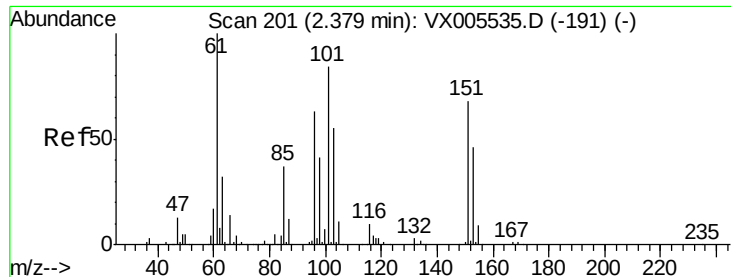


#8

Diethyl Ether
Concen: 19.890 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.1	54.1	162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.059 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

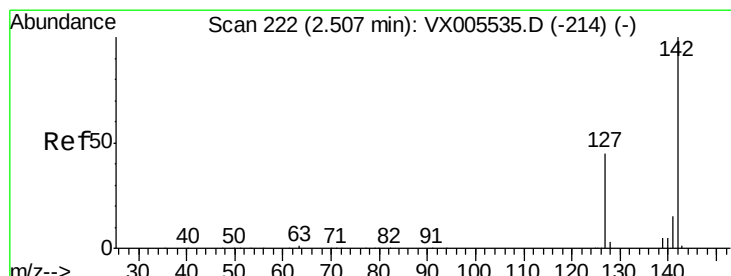
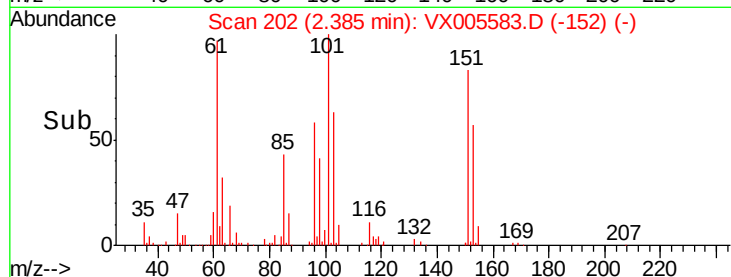
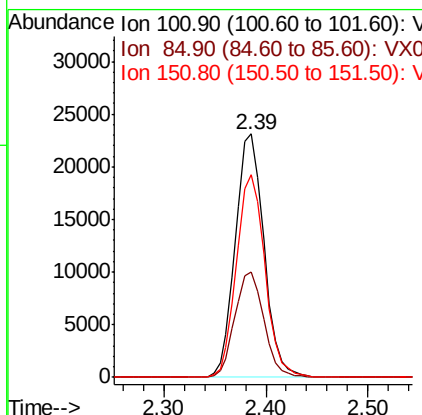
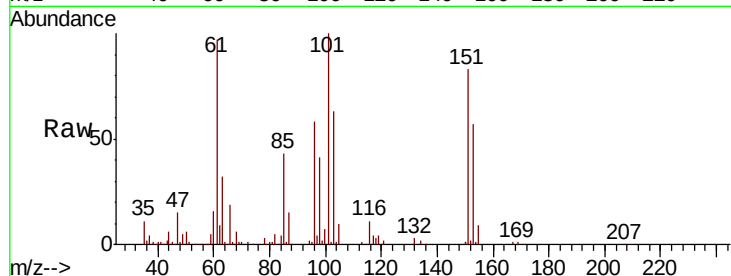
ClientSampleId :

VX1025WBS01

Tot Ion:	101	Resp:	45095
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.0	52.4
151	83.0	66.2	99.2

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#10

Methyl Iodide

Concen: 20.262 ug/l

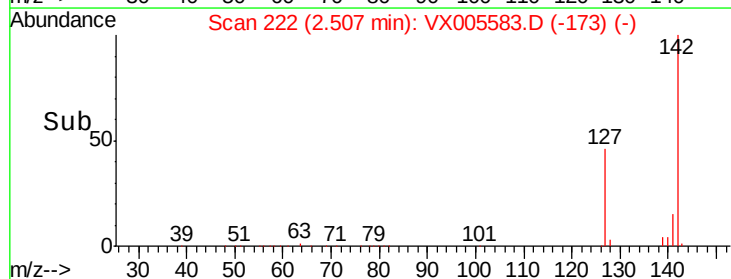
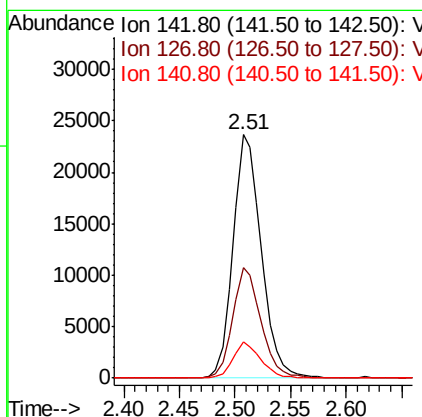
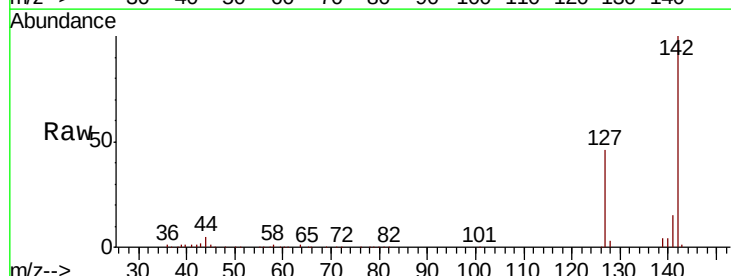
RT: 2.51 min Scan# 222

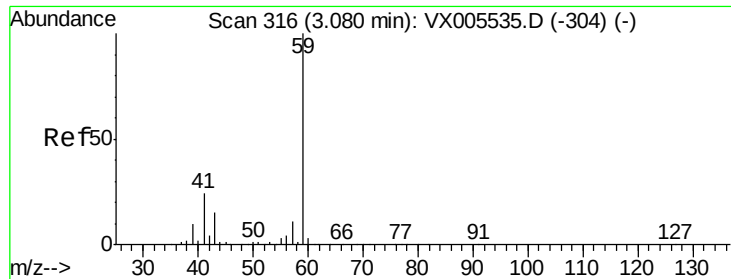
Delta R.T. 0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Tgt Ion:	142	Resp:	41478
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.0	54.0
141	14.5	11.7	17.5





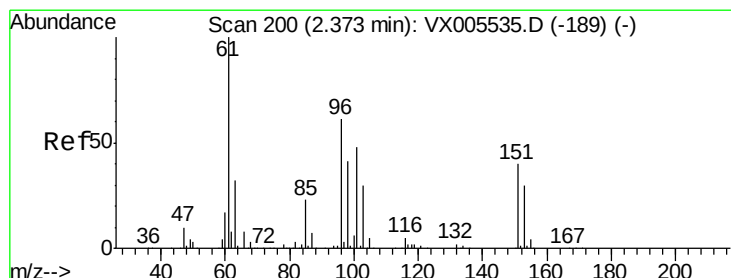
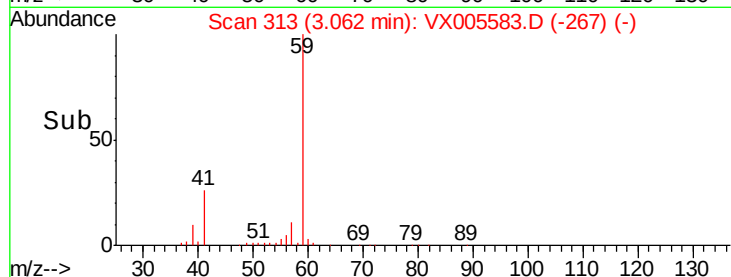
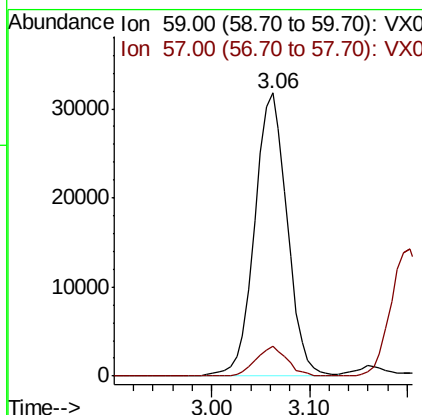
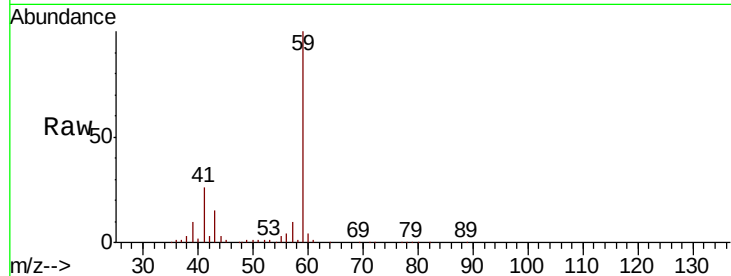
#11
Tert butyl alcohol
Concen: 102.720 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion: 59 Resp: 73324
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

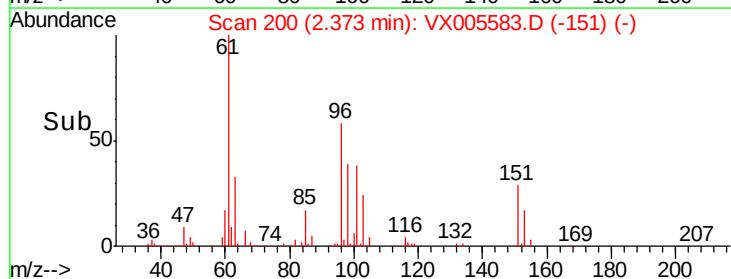
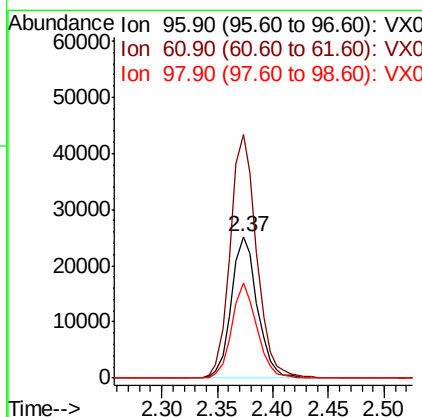
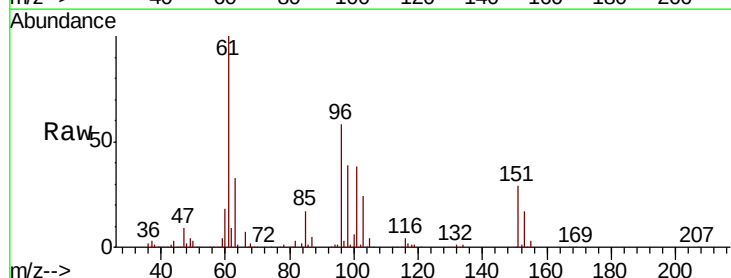
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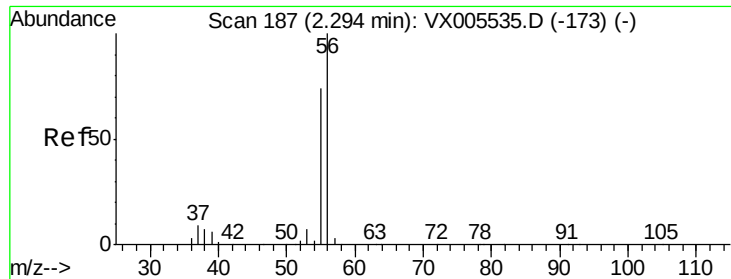
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.023 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion: 96 Resp: 40845
Ion Ratio Lower Upper
96 100
61 171.7 131.8 197.8
98 66.8 53.4 80.2





#13

Acrolein

Concen: 79.420 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion: 56 Resp: 28919

Ion Ratio Lower Upper

56 100

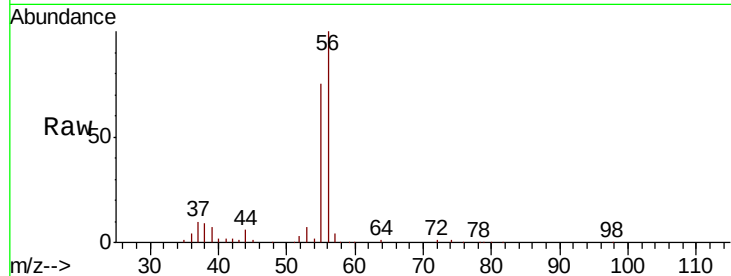
55 71.1 57.3 85.9

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

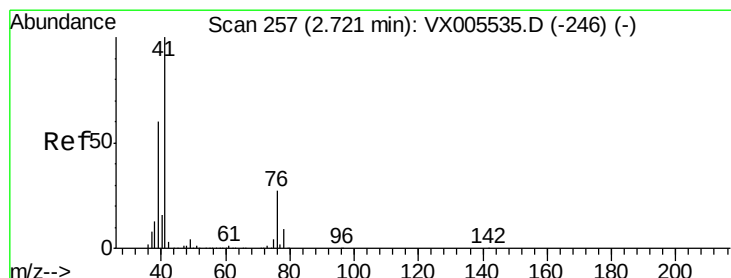
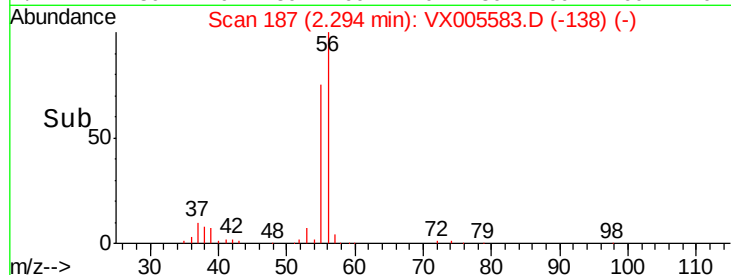
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 20.023 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

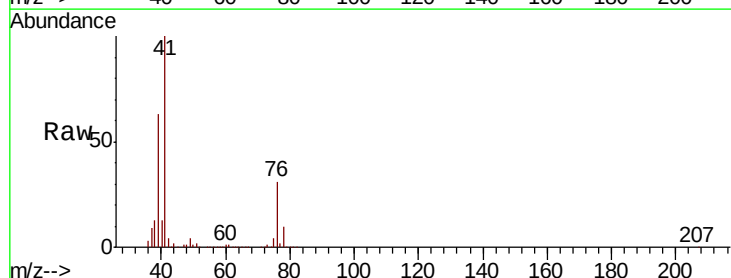
Tgt Ion: 41 Resp: 91155

Ion Ratio Lower Upper

41 100

39 60.6 48.2 72.4

76 28.8 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

80000

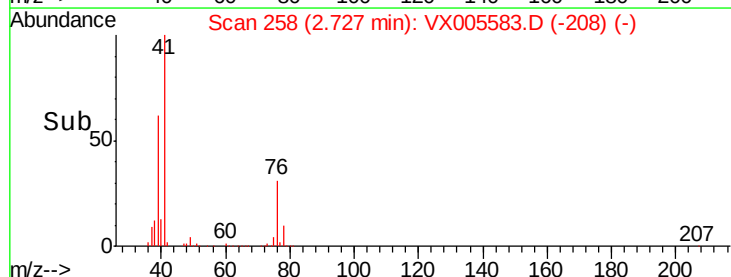
60000

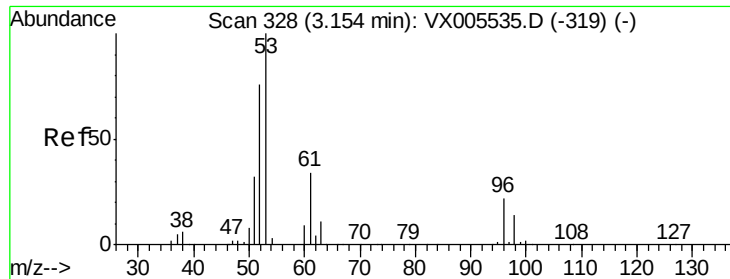
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 98.632 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

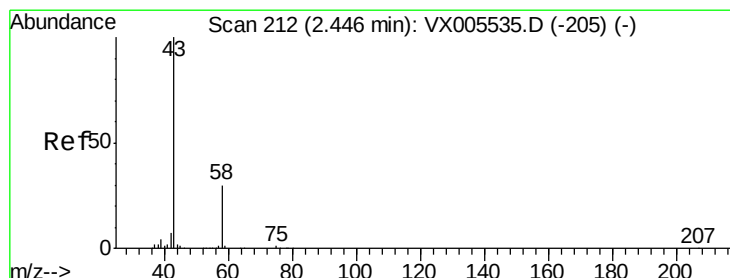
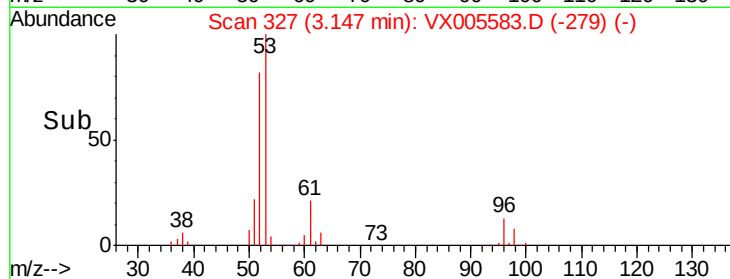
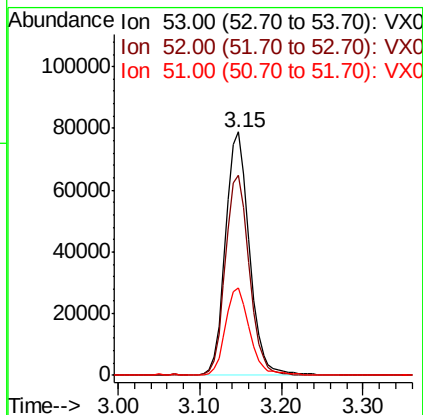
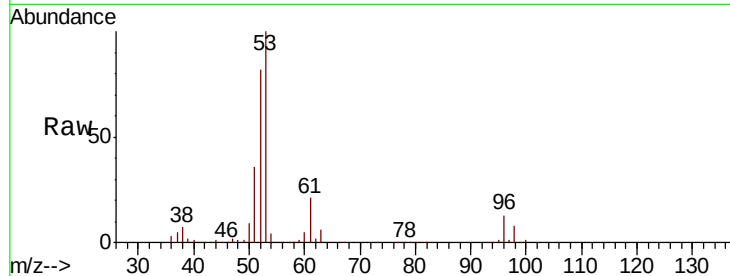
ClientSampleId :

VX1025WBS01

Tot Ion:	53	Resp:	157877
Ion Ratio		Lower	Upper
53	100		
52	82.9	66.6	99.8
51	36.4	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 110.533 ug/l

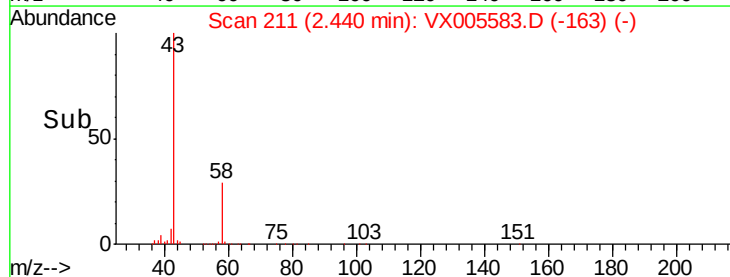
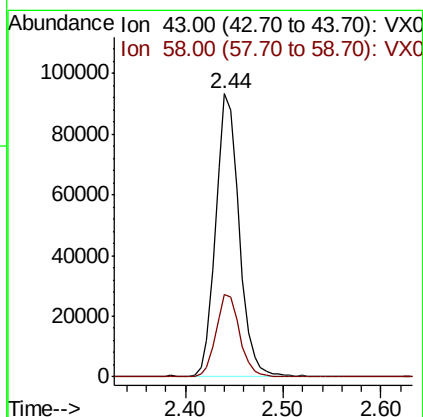
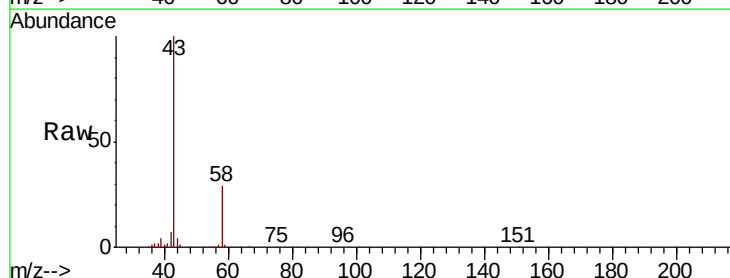
RT: 2.44 min Scan# 211

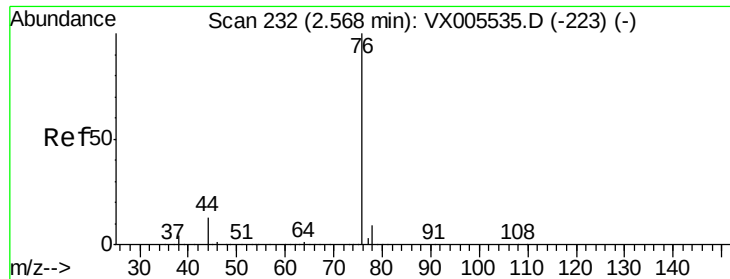
Delta R.T. -0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Tgt Ion:	43	Resp:	154935
Ion Ratio		Lower	Upper
43	100		
58	29.1	23.8	35.6





#17

Carbon Disulfide

Concen: 20.438 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion: 76 Resp: 127086

Ion Ratio Lower Upper

76 100

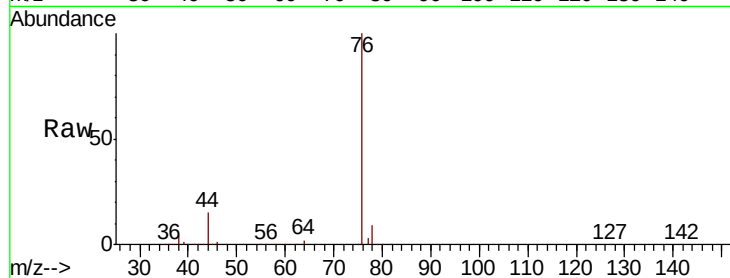
78 8.8 7.3 10.9

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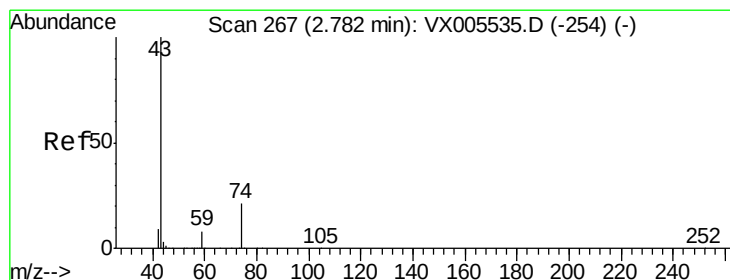
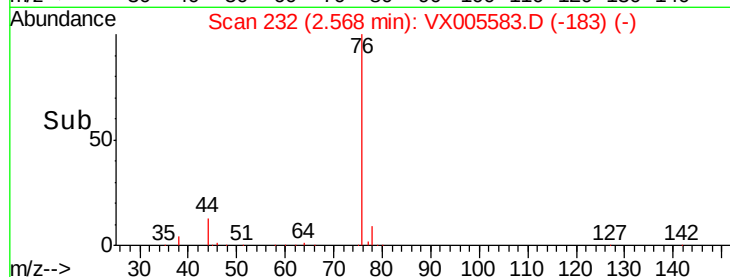
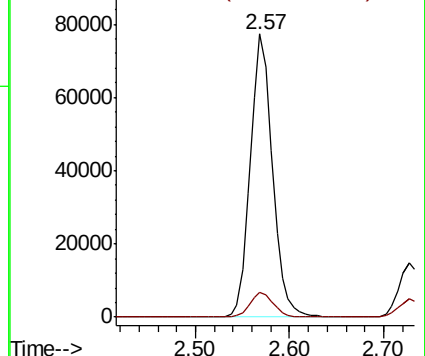
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.584 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005583.D

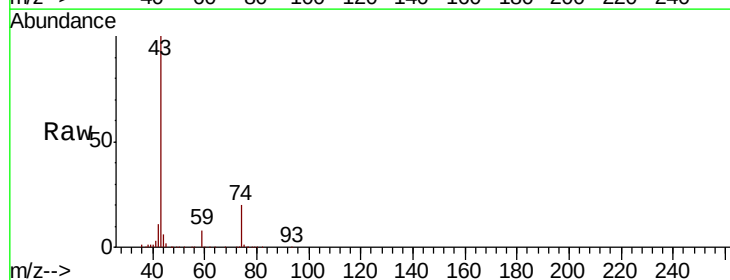
Acq: 25 Oct 2018 12:30

Tgt Ion: 43 Resp: 74255

Ion Ratio Lower Upper

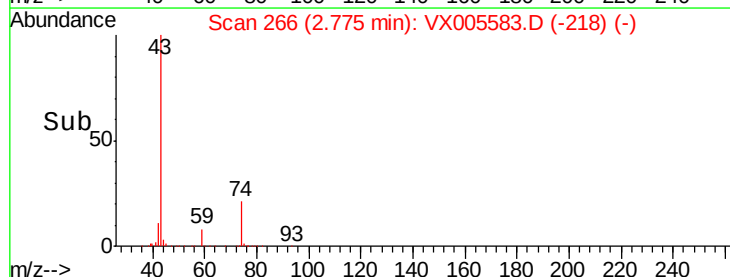
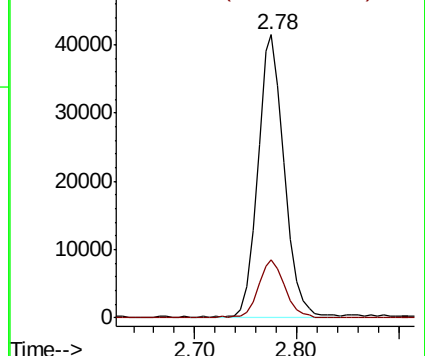
43 100

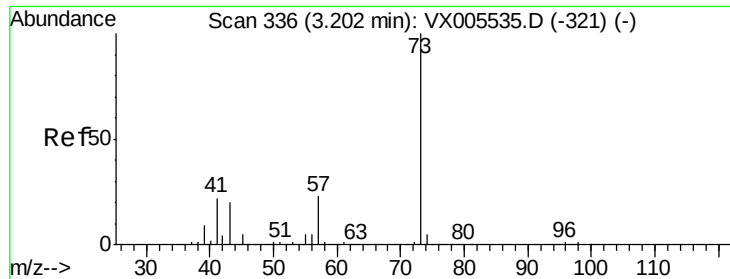
74 21.0 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

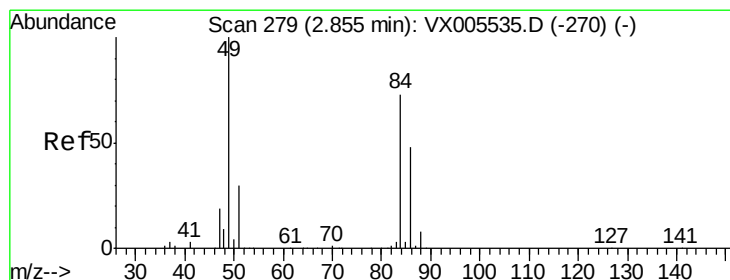
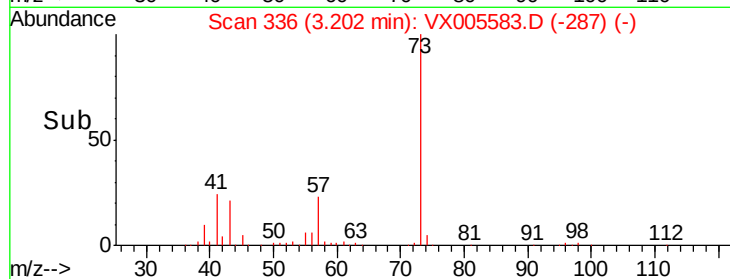
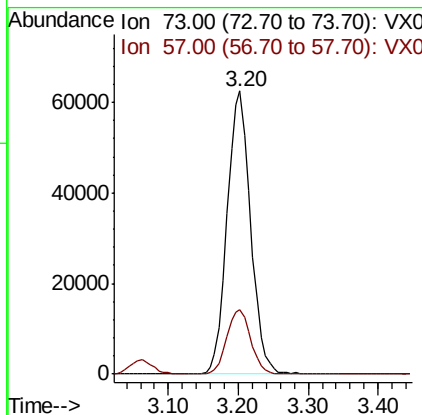
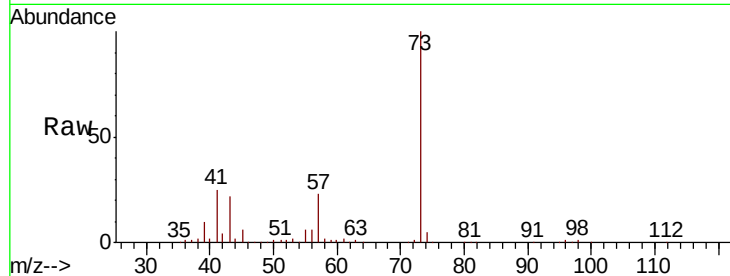
Methyl tert-butyl Ether
 Concen: 19.989 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.8	28.2

Manual Integrations
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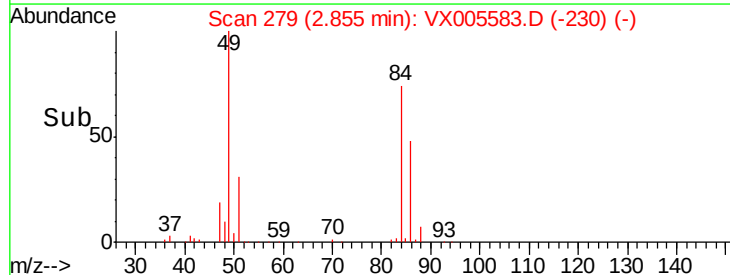
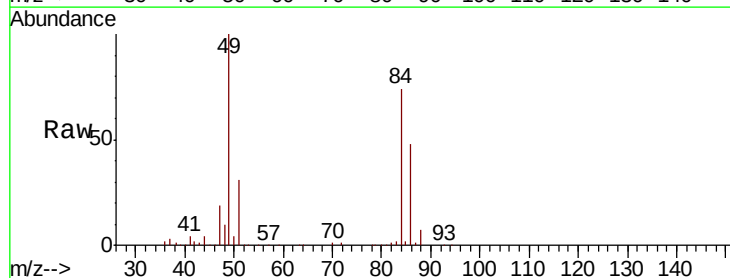
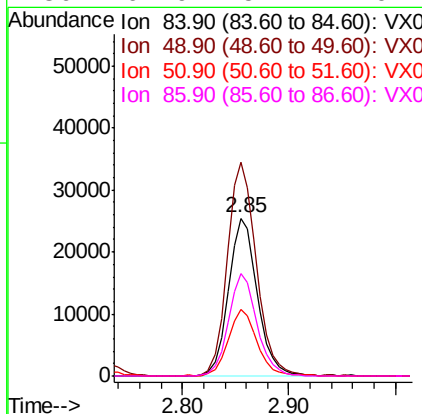
MMDadoda
 10/26/2018 10:02:50 AM

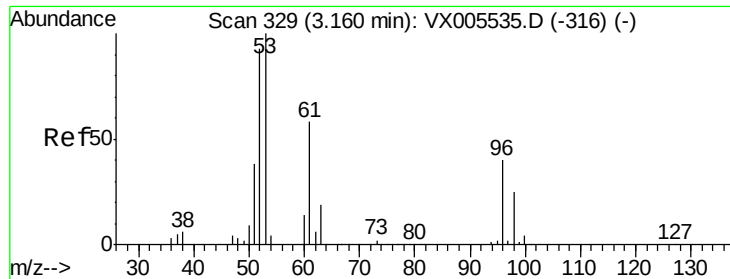


#20

Methylene Chloride
 Concen: 20.526 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.4	109.5	164.3
51	42.5	33.3	49.9
86	64.9	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 20.070 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion: 96 Resp: 44700

Ion Ratio Lower Upper

96 100

61 146.2 115.6 173.4

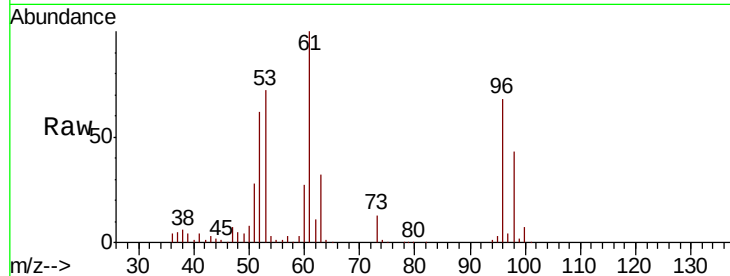
98 63.3 50.2 75.2

Manual Integrations

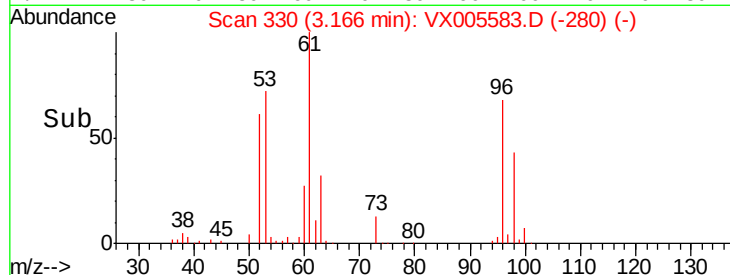
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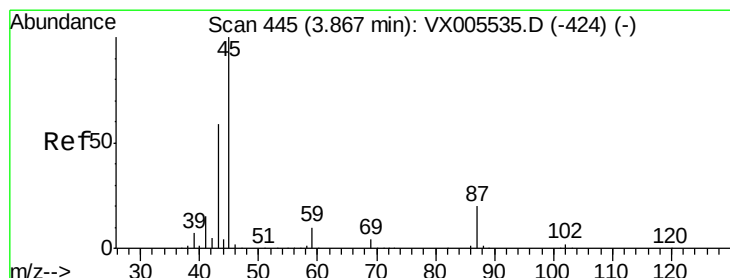
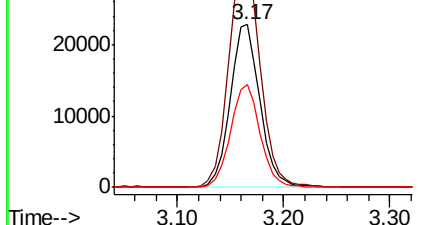


Abundance Ion 95.90 (95.60 to 96.60): VX005583.D (-280) (-)



Ion 60.90 (60.60 to 61.60): VX005583.D (-280) (-)

Ion 97.90 (97.60 to 98.60): VX005583.D (-280) (-)



#22

Diisopropyl ether

Concen: 20.476 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Tgt Ion: 45 Resp: 162789

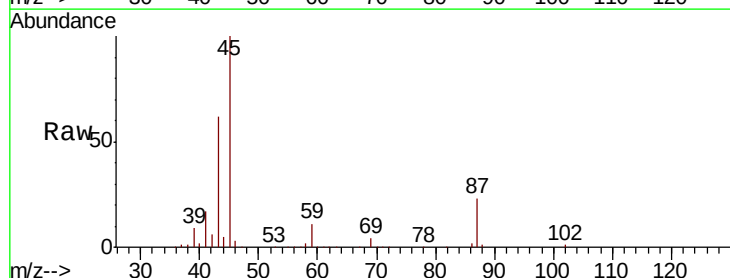
Ion Ratio Lower Upper

45 100

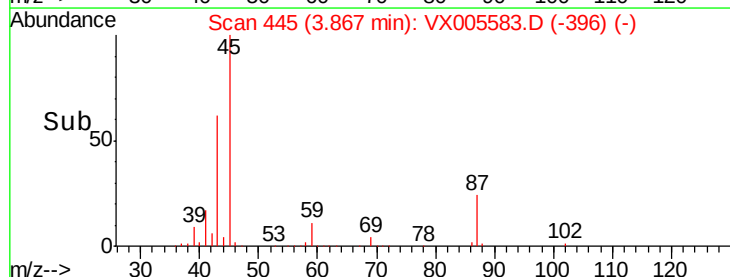
43 61.5 47.4 71.2

87 23.5 15.9 23.9

59 11.1 7.7 11.5



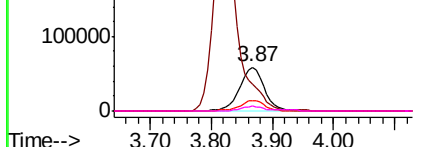
Abundance Ion 45.00 (44.70 to 45.70): VX005583.D (-396) (-)

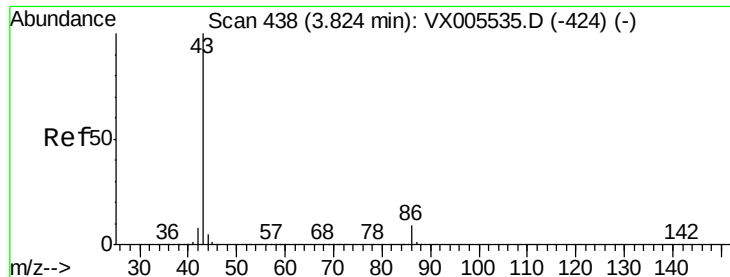


Ion 43.00 (42.70 to 43.70): VX005583.D (-396) (-)

Ion 87.00 (86.70 to 87.70): VX005583.D (-396) (-)

Ion 59.00 (58.70 to 59.70): VX005583.D (-396) (-)





#23

Vinyl Acetate

Concen: 105.986 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion: 43 Resp: 742087

Ion Ratio Lower Upper

43 100

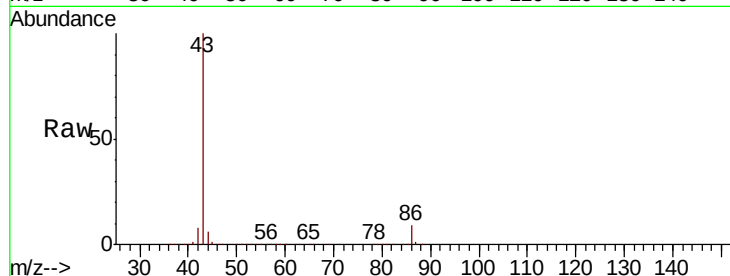
86 9.0 7.4 11.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

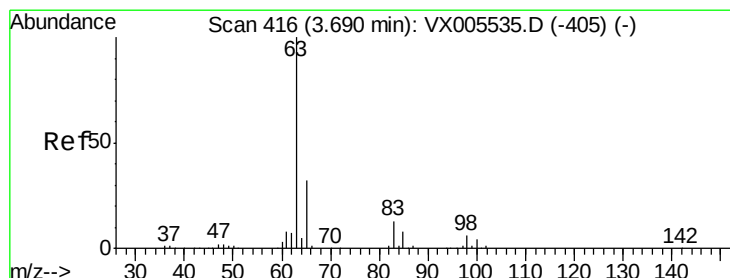
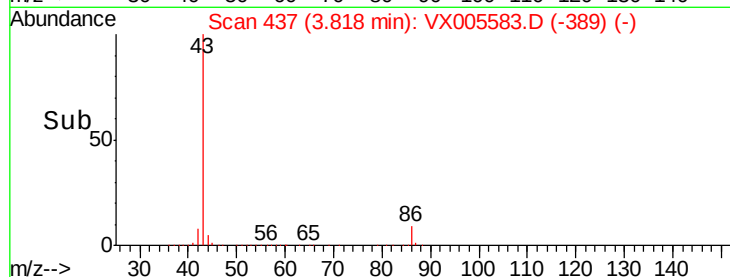
200000

100000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 20.227 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

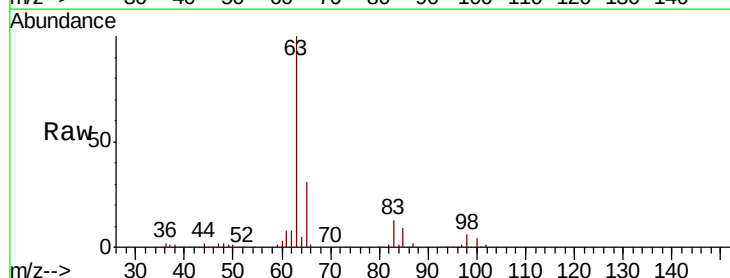
Tgt Ion: 63 Resp: 87426

Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

100 3.8 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

30000

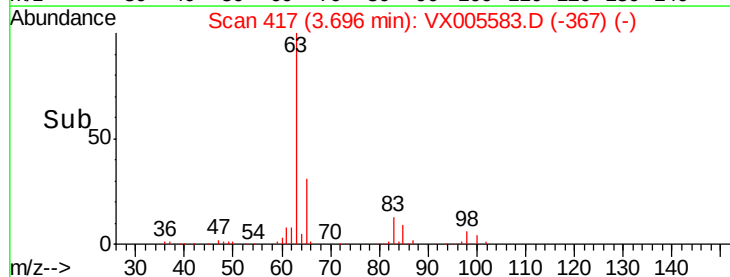
20000

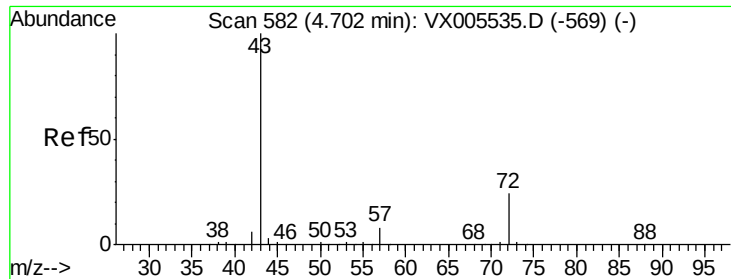
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 100.810 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion: 43 Resp: 215179

Ion Ratio Lower Upper

43 100

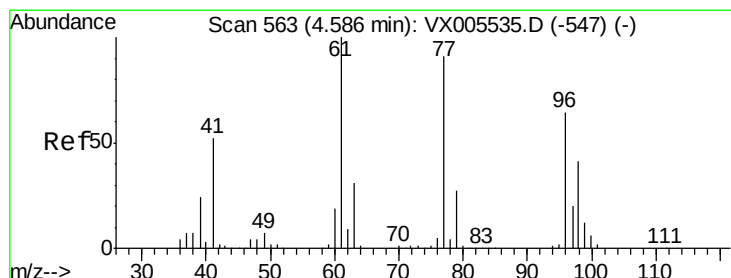
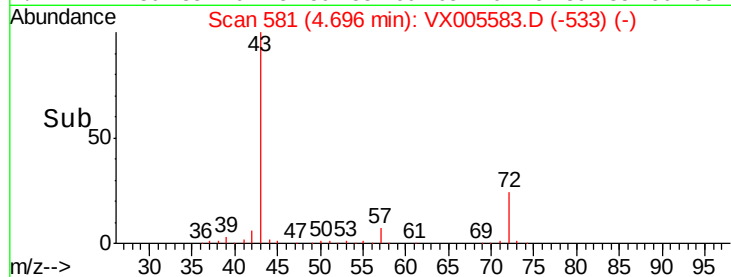
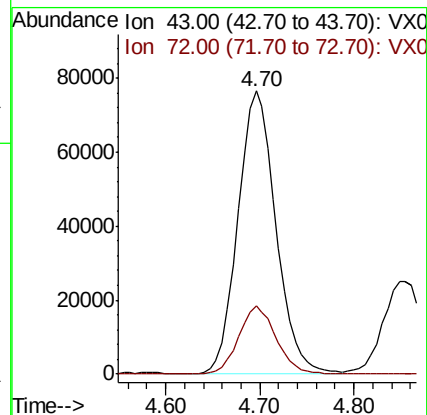
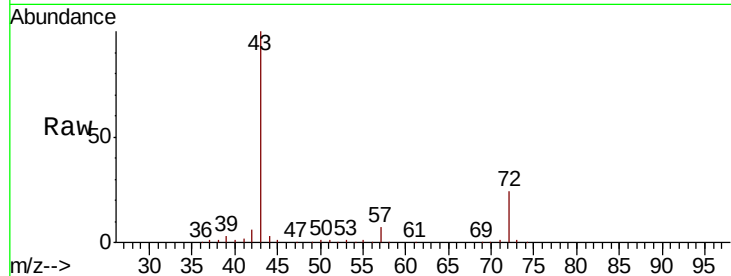
72 23.9 19.2 28.8

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 19.577 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005583.D

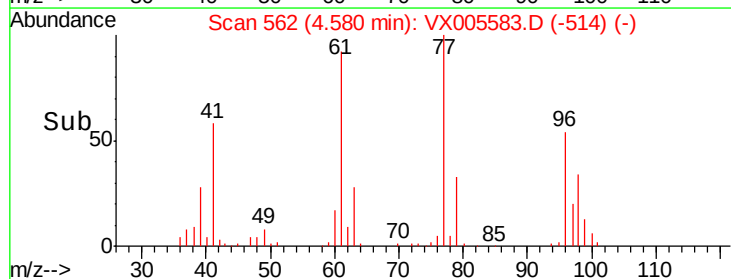
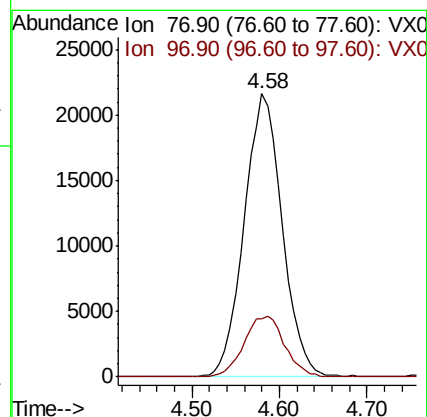
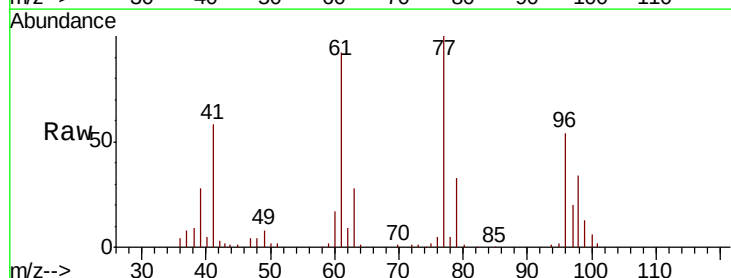
Acq: 25 Oct 2018 12:30

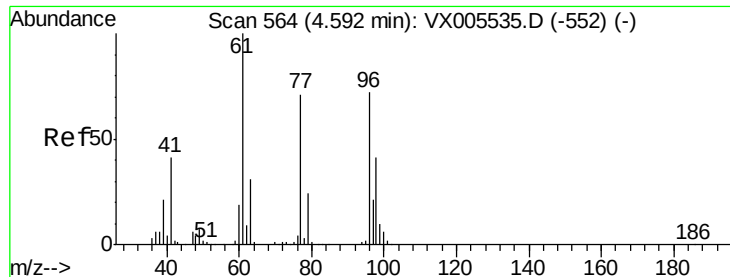
Tgt Ion: 77 Resp: 65329

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5





#27

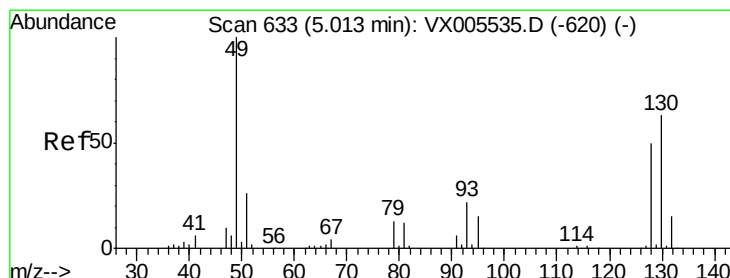
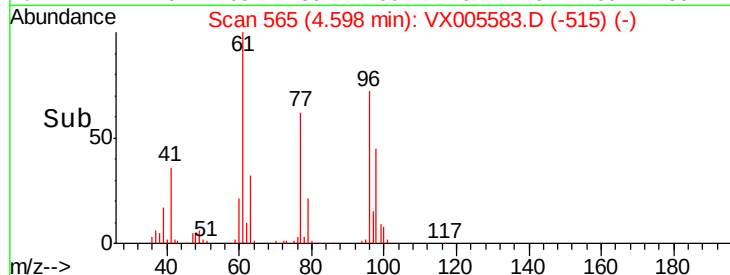
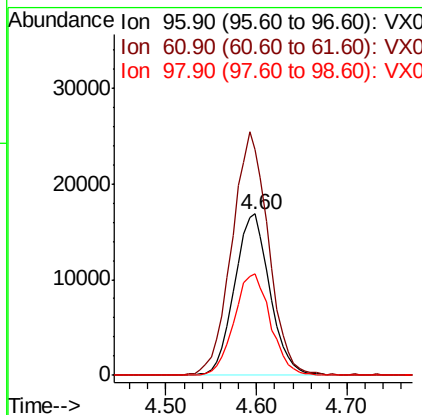
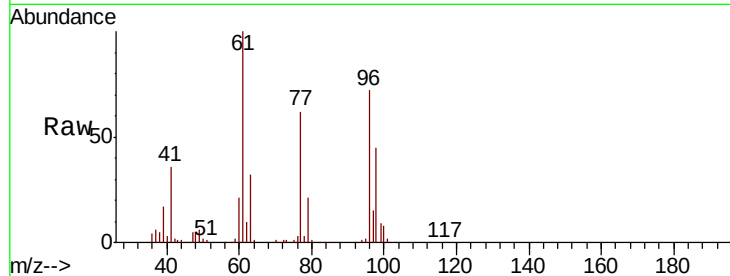
cis-1,2-Dichloroethene
Concen: 18.991 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	45599		
61	156.5	0.0	304.6	
98	64.6	0.0	127.4	

Manual Integrations
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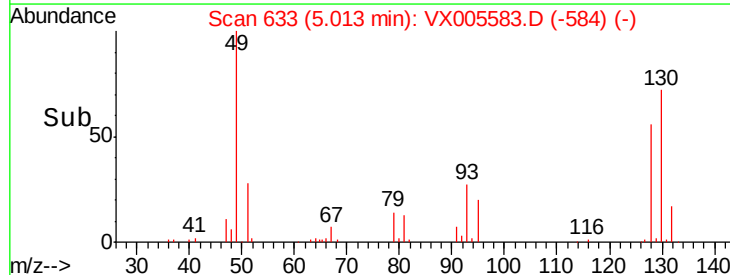
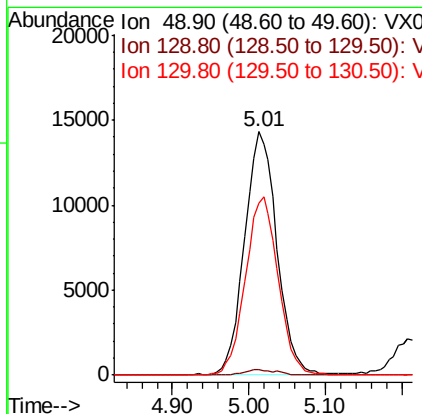
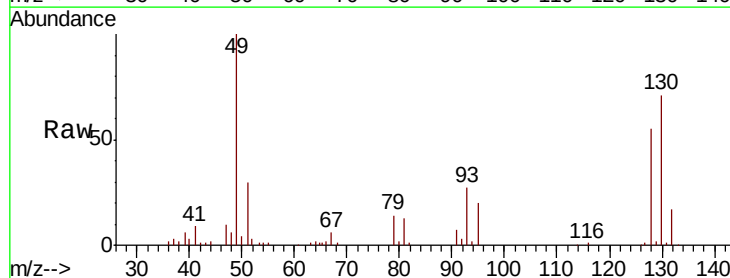
MMDadoda
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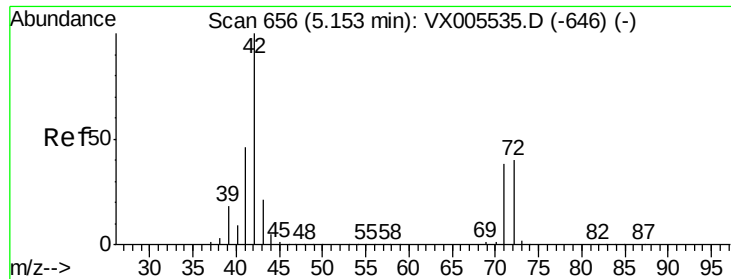


#28

Bromochloromethane
Concen: 20.249 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	42332		
129	2.2	0.0	4.0	
130	73.8	58.9	88.3	





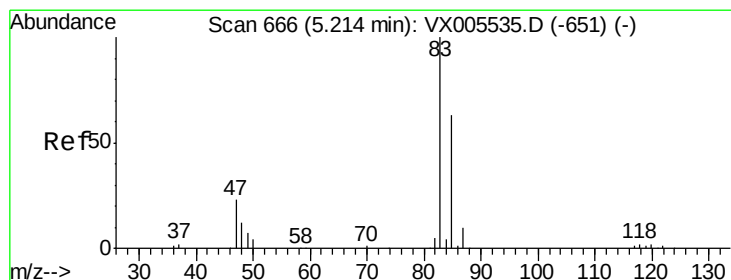
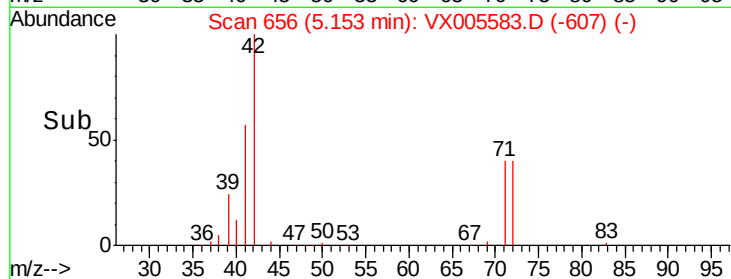
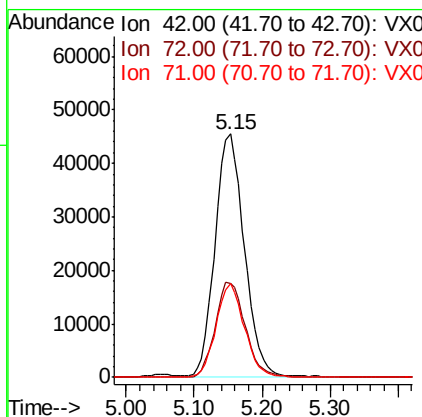
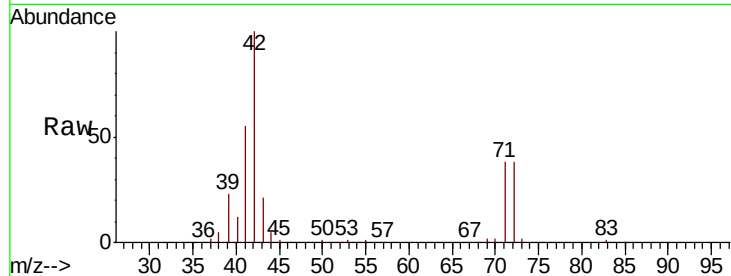
#29
Tetrahydrofuran
Concen: 97.408 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.0	48.0
71	37.6	29.8	44.8

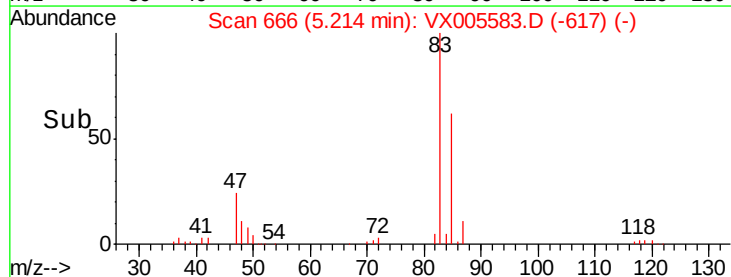
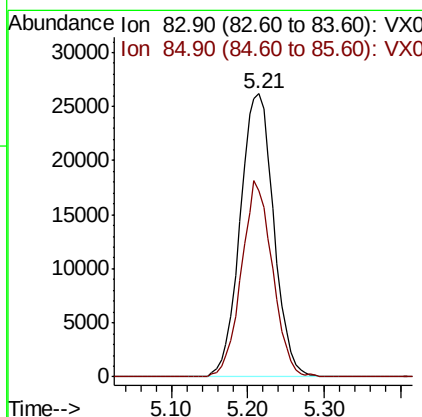
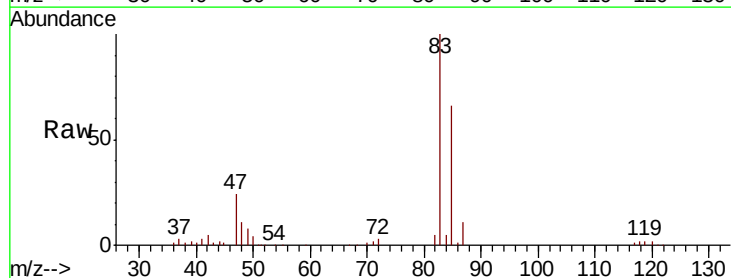
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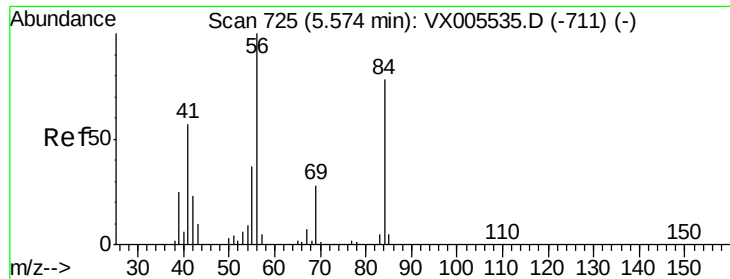
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#30
Chloroform
Concen: 19.760 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.6	76.0





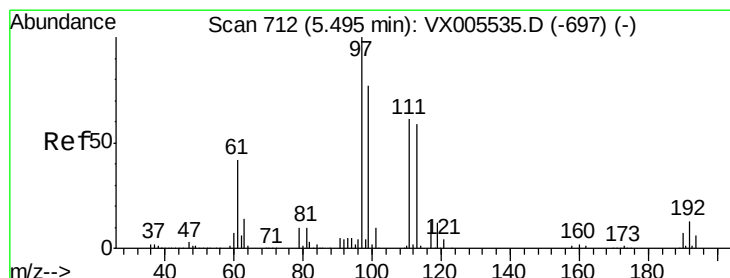
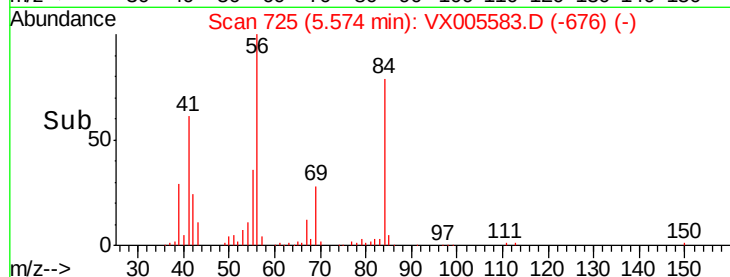
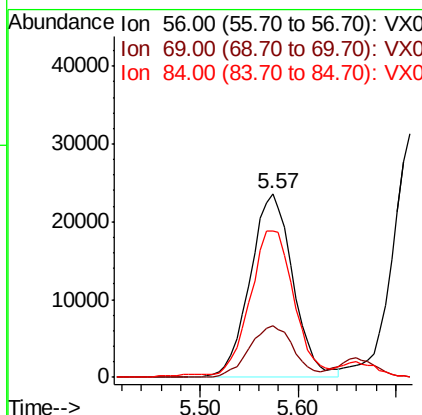
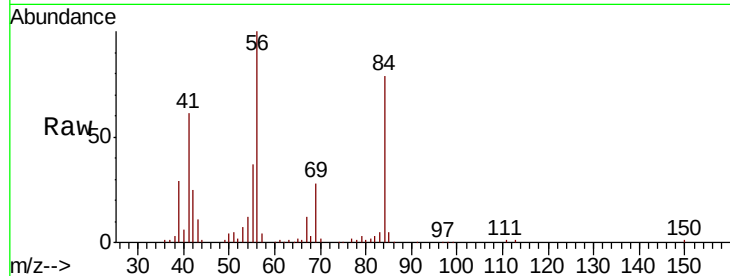
#31
Cyclohexane
Concen: 20.121 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.8	22.6	34.0
84	77.4	62.7	94.1

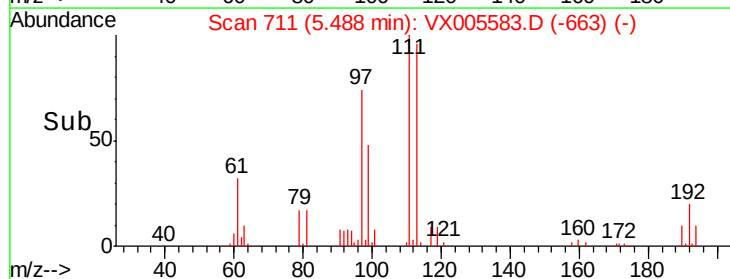
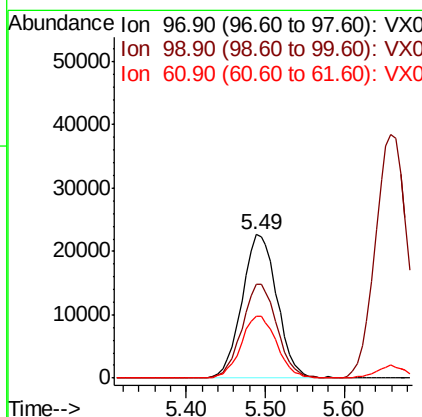
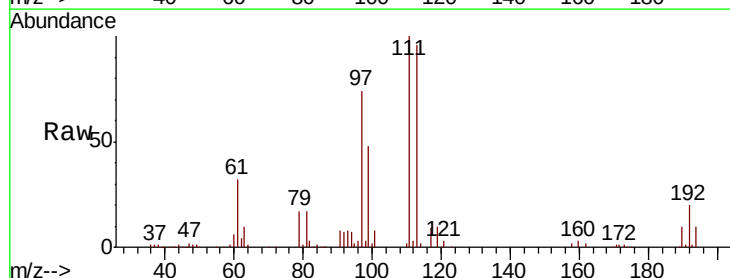
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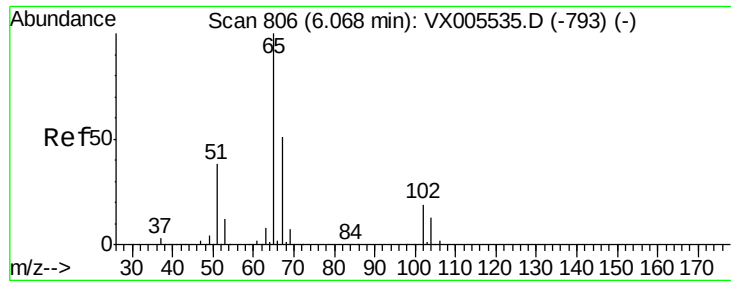
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#32
1,1,1-Trichloroethane
Concen: 19.581 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.3	78.5
61	44.4	35.2	52.8





#33

1,2-Dichloroethane-d4

Concen: 49.384 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion: 65 Resp: 130998

Ion Ratio Lower Upper

65 100

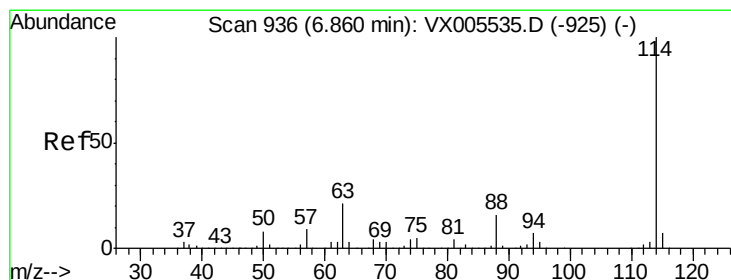
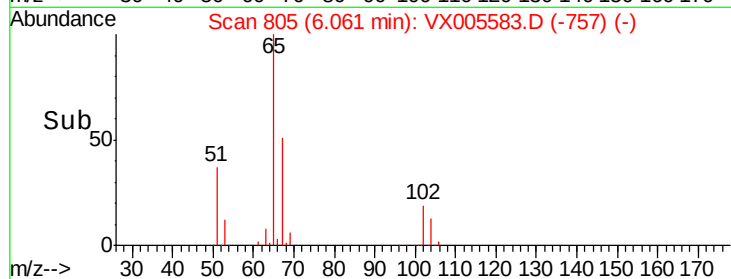
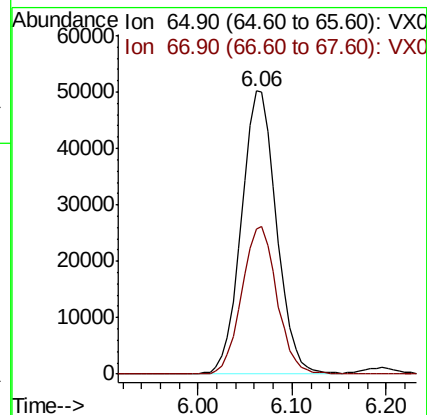
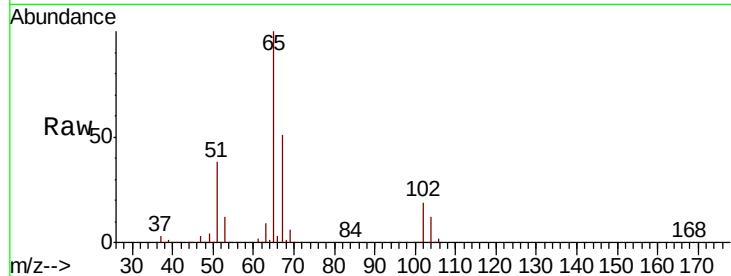
67 52.2 0.0 105.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

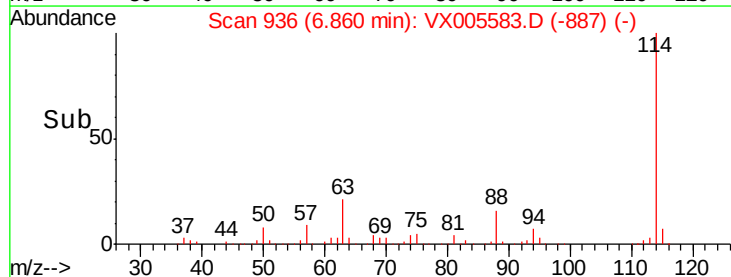
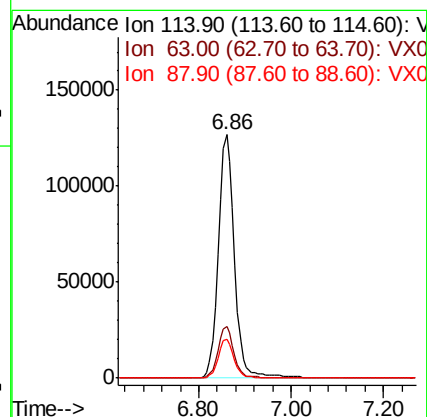
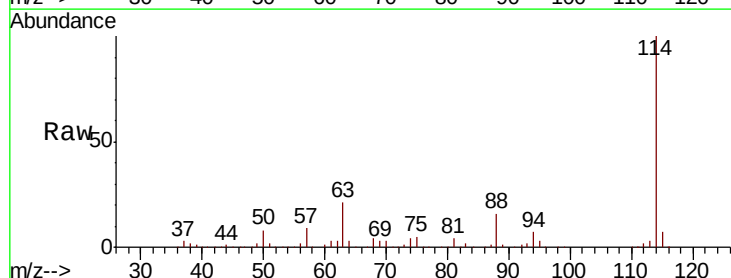
Tgt Ion: 114 Resp: 306794

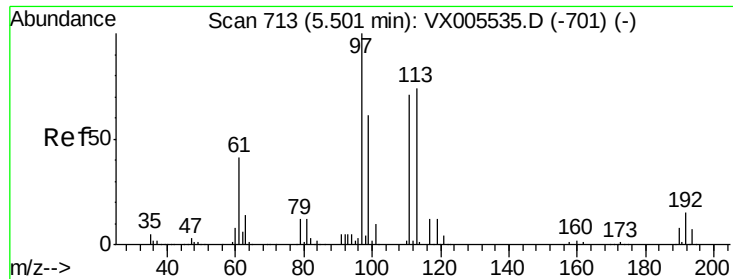
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.968 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

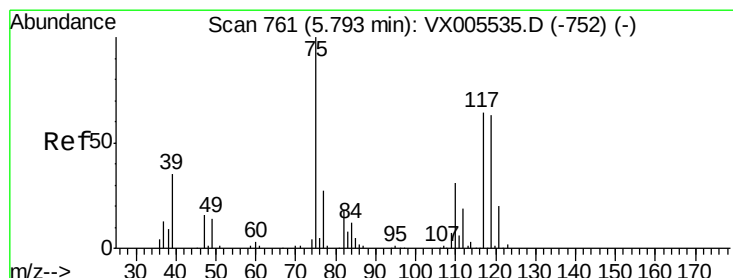
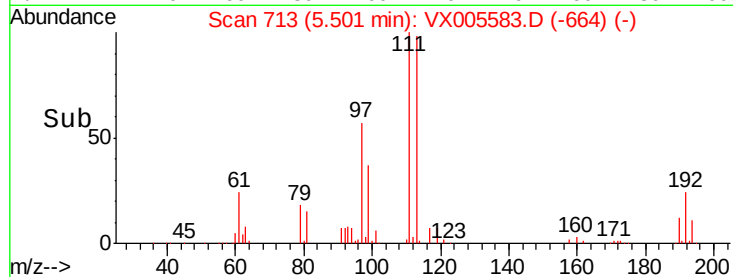
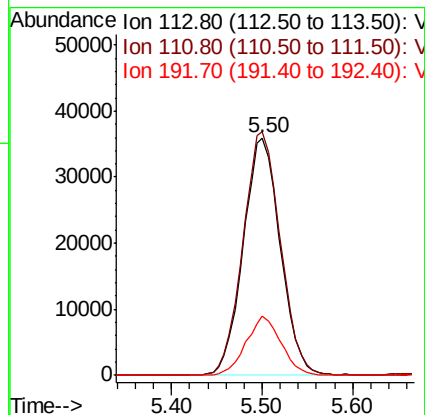
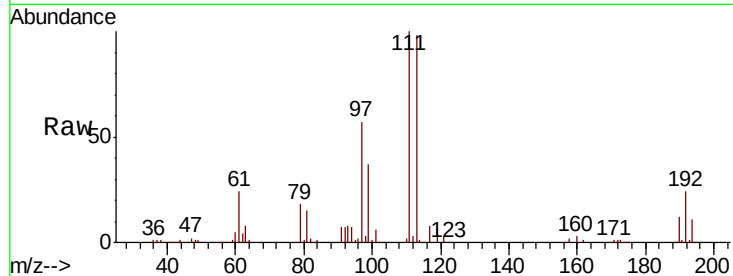
ClientSampleId :

VX1025WBS01

Tot Ion:	113	Resp:	101724
Ion Ratio	Lower	Upper	
113	100		
111	103.5	82.3	123.5
192	23.6	17.9	26.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.080 ug/l

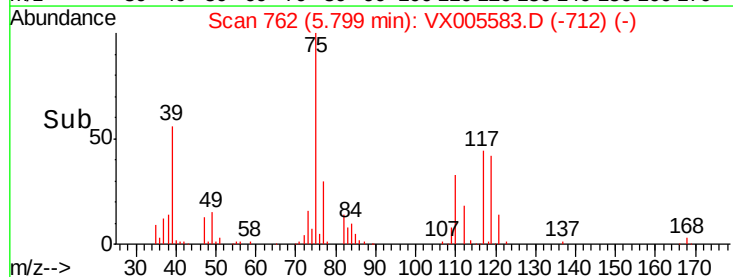
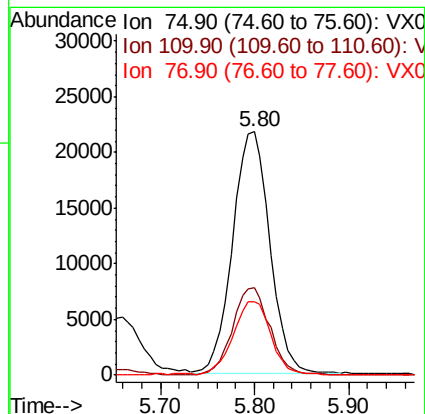
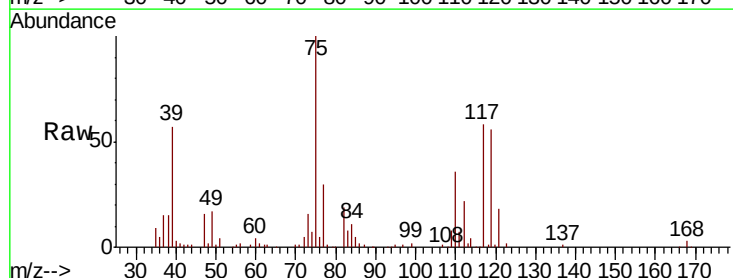
RT: 5.80 min Scan# 762

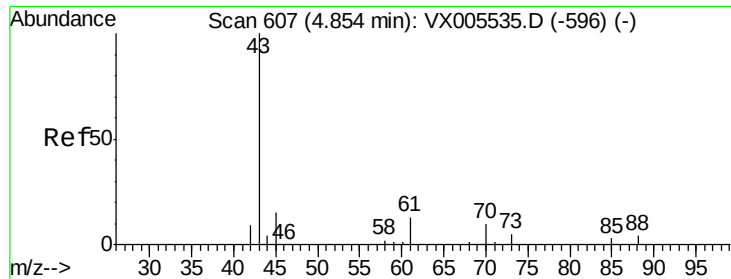
Delta R.T. 0.01 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Tgt Ion:	75	Resp:	59785
Ion Ratio	Lower	Upper	
75	100		
110	36.4	17.4	52.2
77	31.3	25.8	38.6





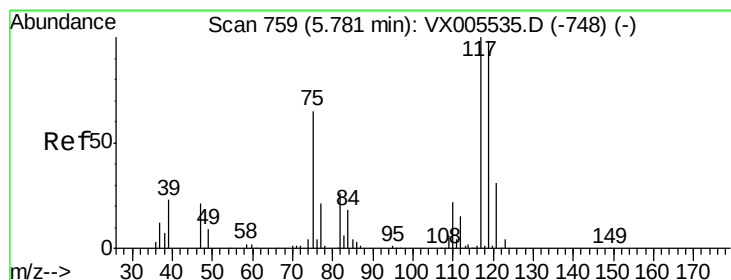
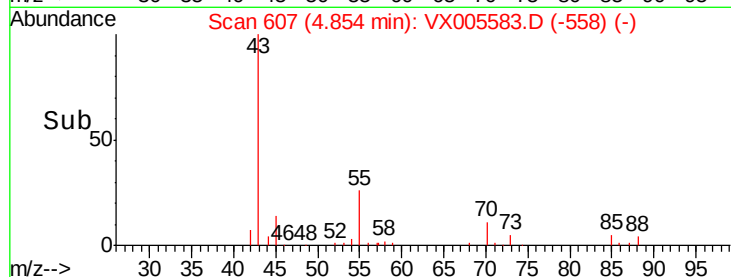
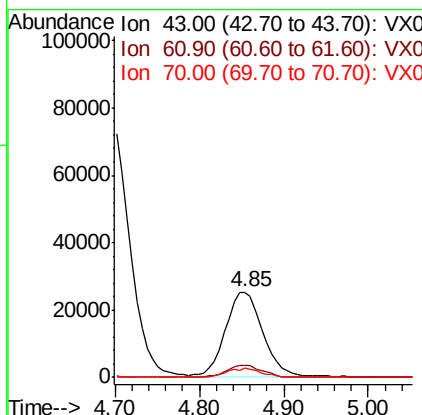
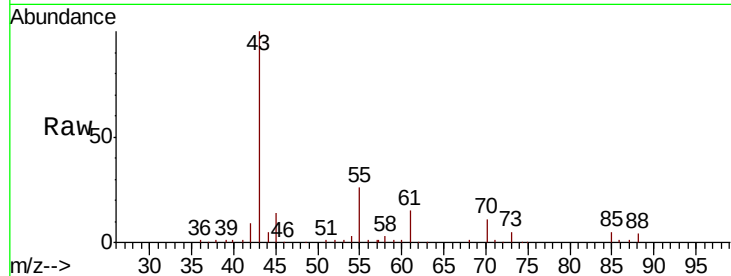
#37
Ethyl Acetate
Concen: 19.959 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.8	16.2
70	10.0	7.8	11.8

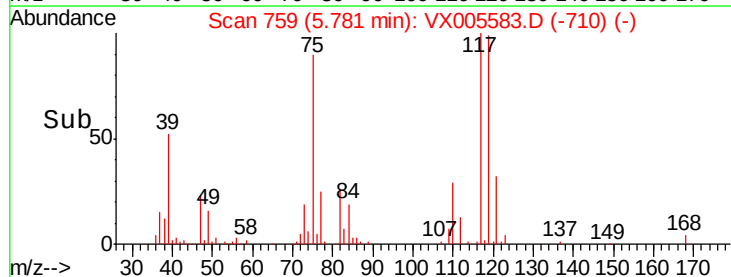
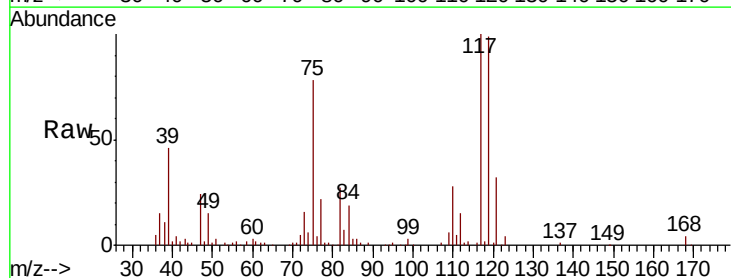
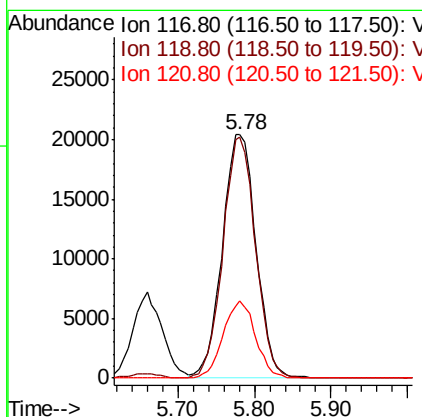
Manual Integrations
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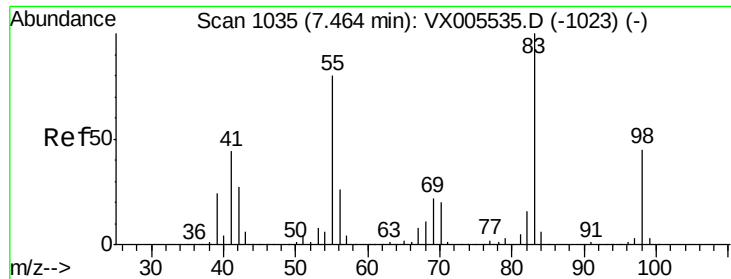
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#38
Carbon Tetrachloride
Concen: 19.789 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	78.1	117.1
121	31.7	24.6	36.8





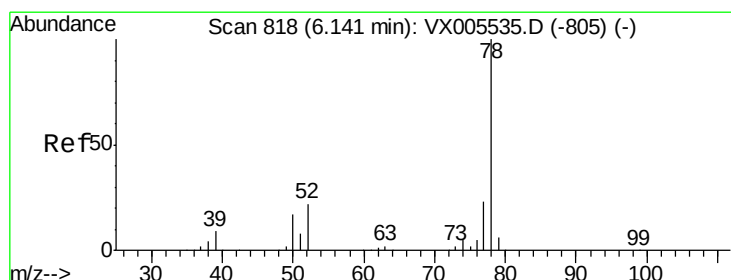
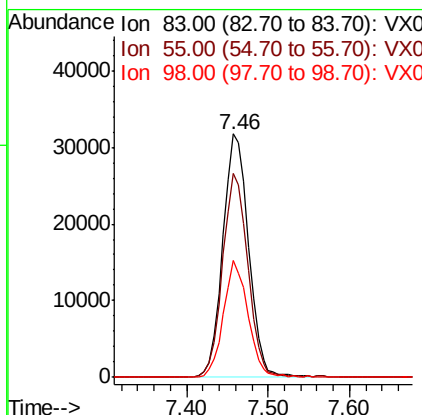
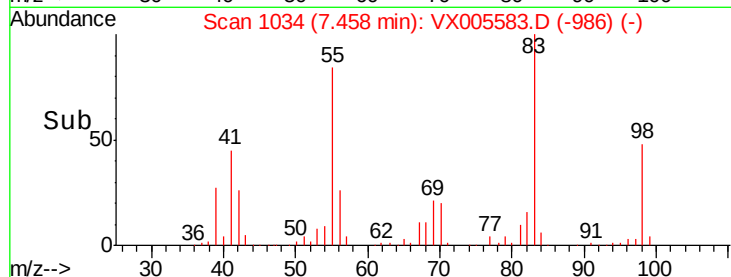
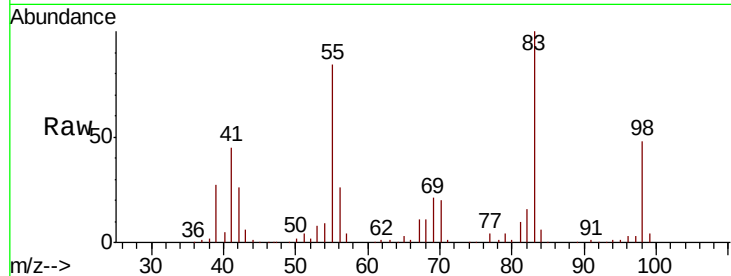
#39
Methylvlcyclohexane
Concen: 21.199 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	69695		
55	83.8	63.7	95.5	
98	48.2	36.2	54.2	

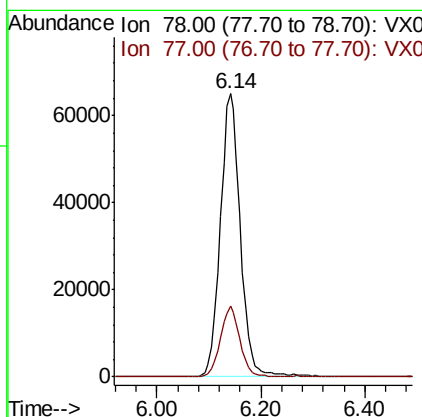
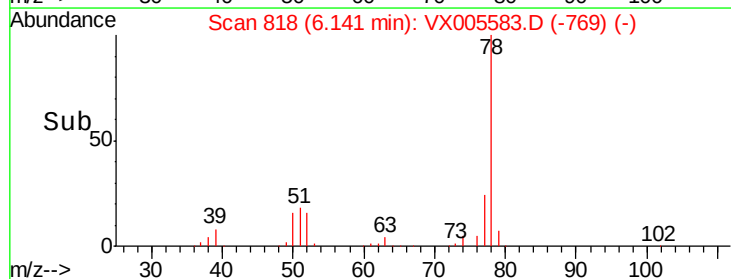
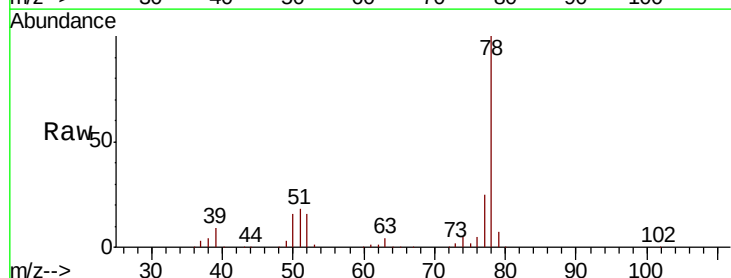
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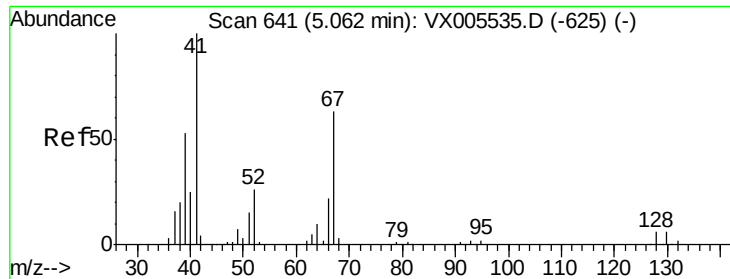
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#40
Benzene
Concen: 20.642 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	176176		
77	24.9	18.4	27.6	





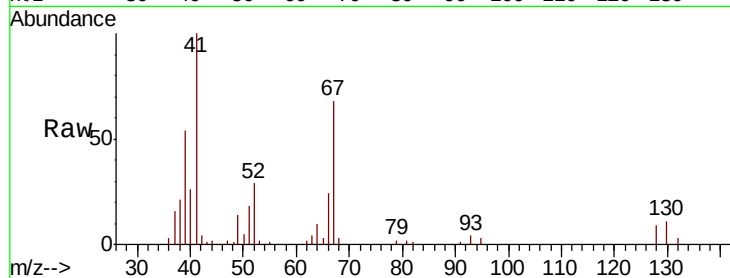
#41
Methacrylonitrile
Concen: 19.689 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

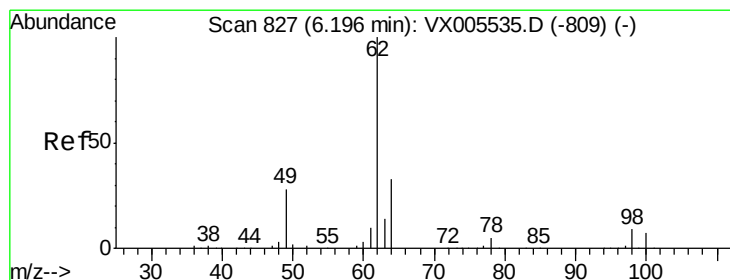
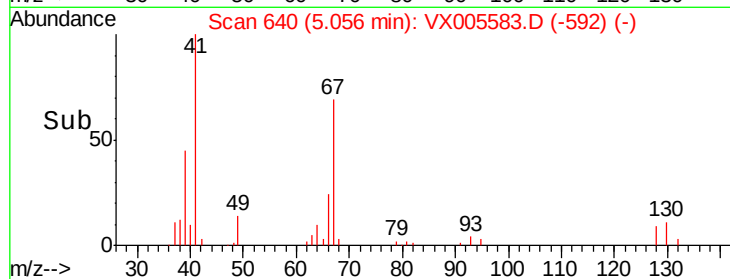
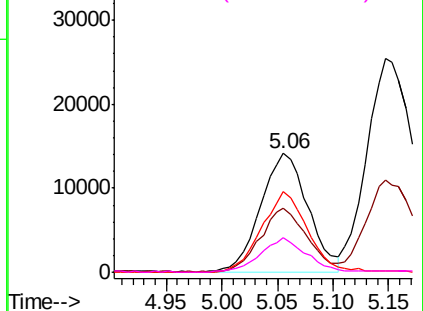
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.2	42.2	63.2	
67	66.2	53.4	80.0	
52	28.8	23.4	35.2	

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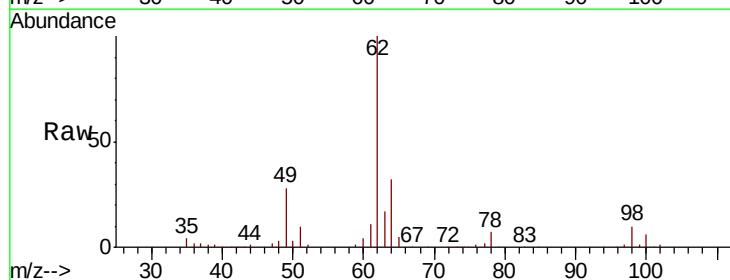


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

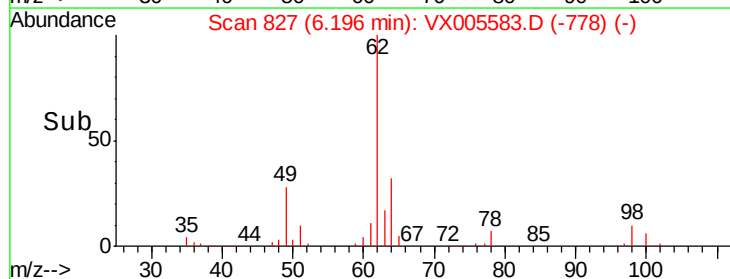
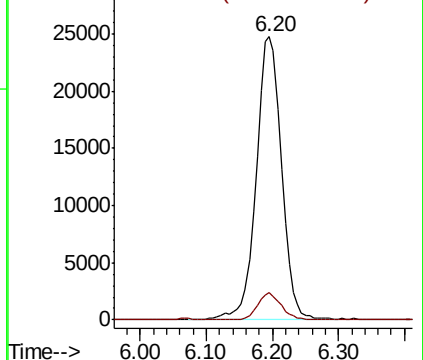


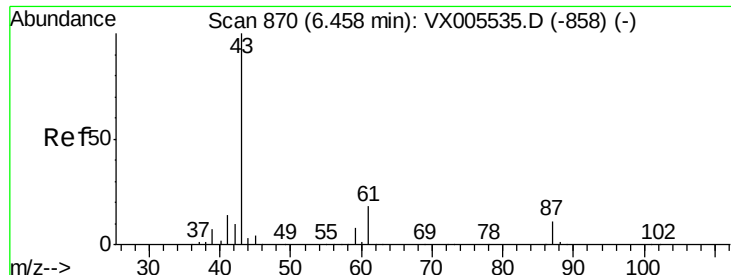
#42
1,2-Dichloroethane
Concen: 20.391 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	17.8	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.139 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

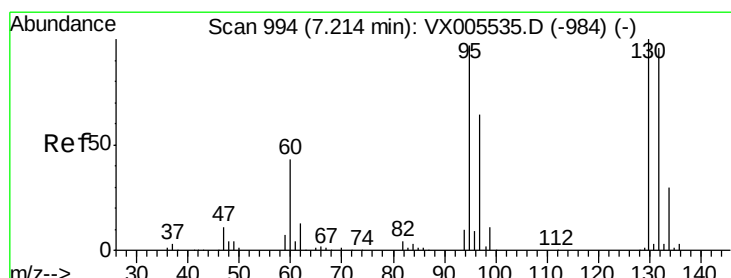
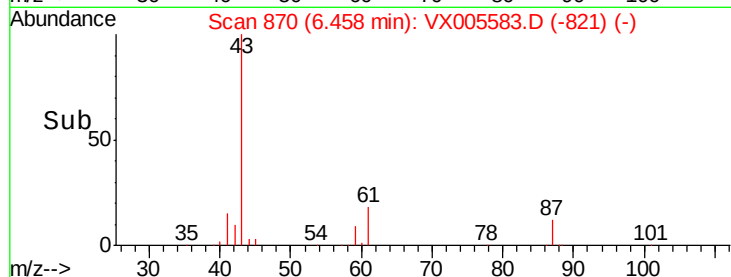
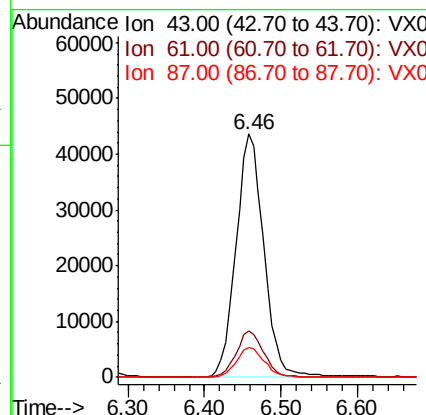
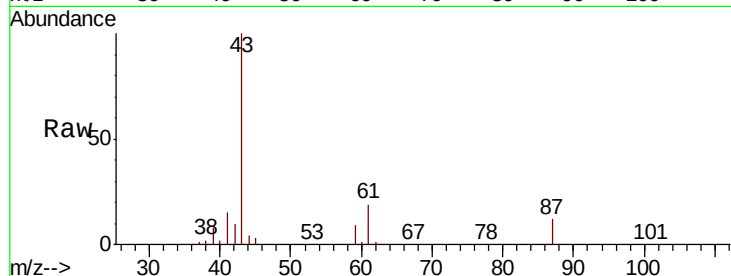
ClientSampleId :

VX1025WBS01

Tot Ion:	43	Resp:	108962
Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.6	22.0
87	12.7	9.6	14.4

Manual Integrations
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MMDadoda
10/26/2018 10:02:50 AM



#44

Trichloroethene

Concen: 20.878 ug/l

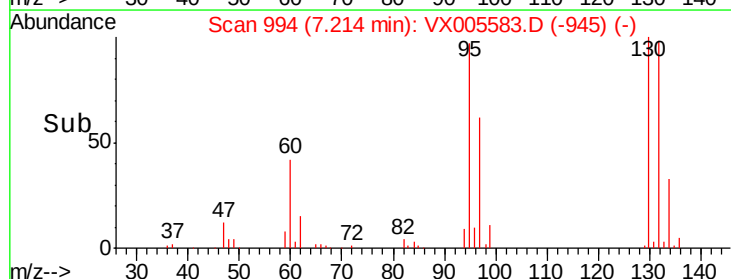
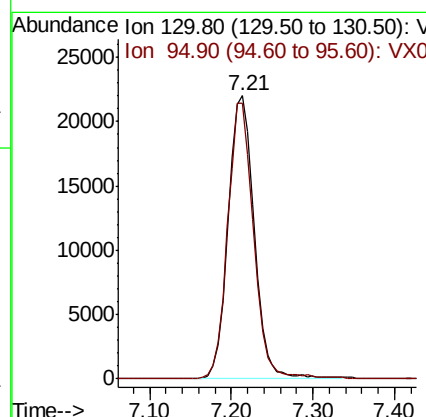
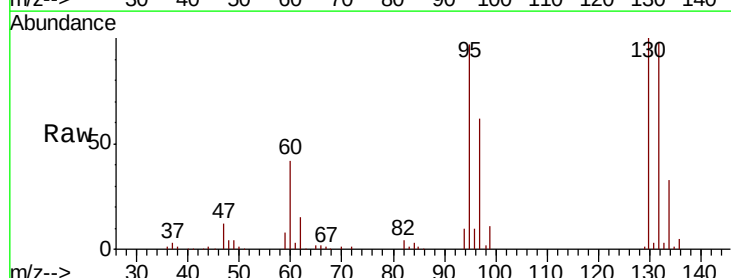
RT: 7.21 min Scan# 994

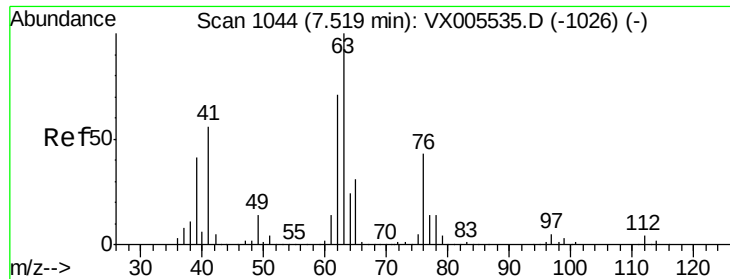
Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Tgt Ion:	130	Resp:	48544
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	194.2





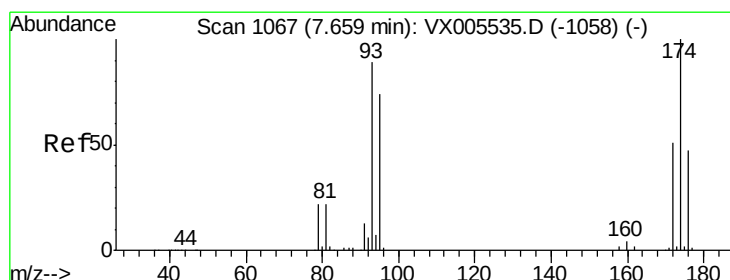
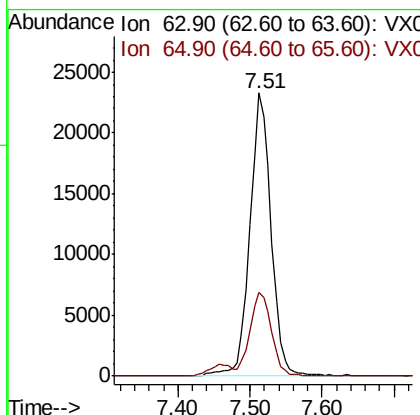
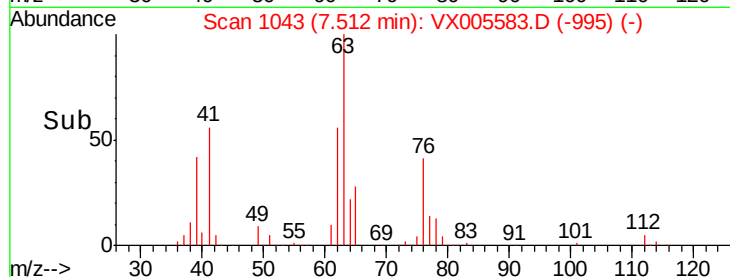
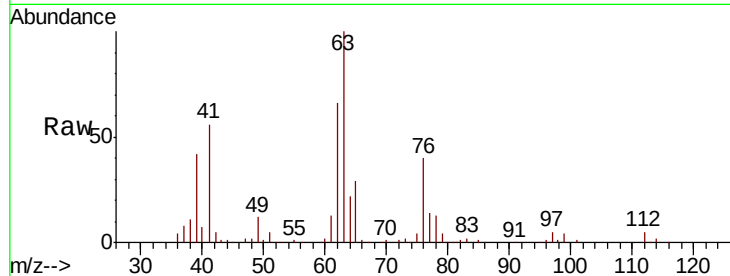
#45
 1,2-Dichloropropane
 Concen: 20.795 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion: 63 Resp: 47716
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.8 37.2

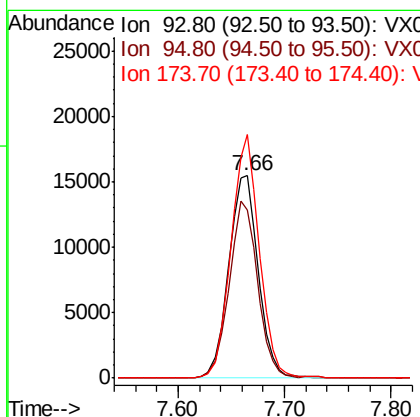
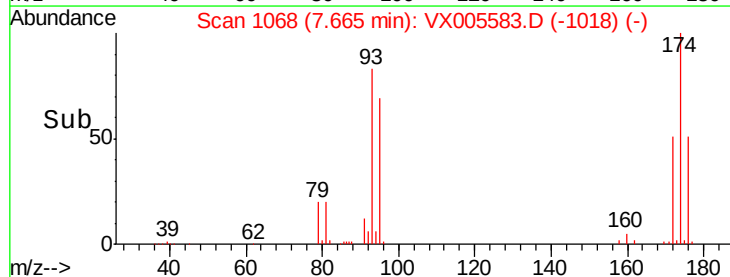
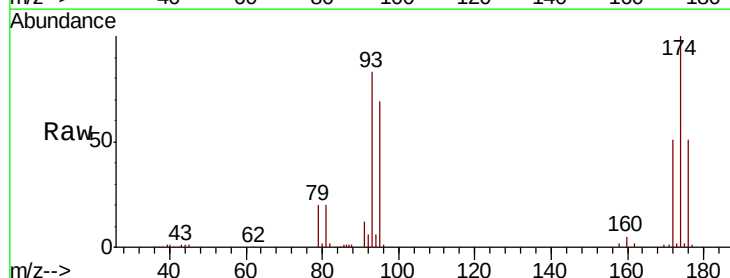
Manual Integrations
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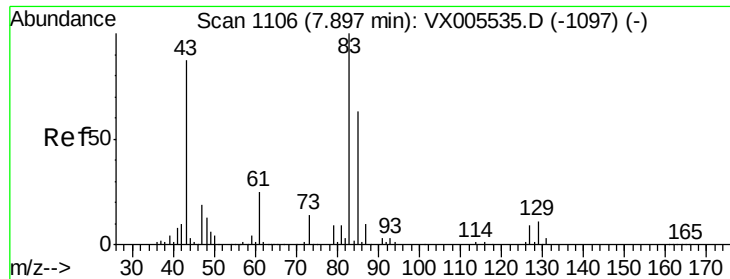
MMDadoda
 10/26/2018 10:02:50 AM



#46
 Dibromomethane
 Concen: 20.335 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Tgt Ion: 93 Resp: 30136
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.4 101.0
 174 114.8 91.5 137.3





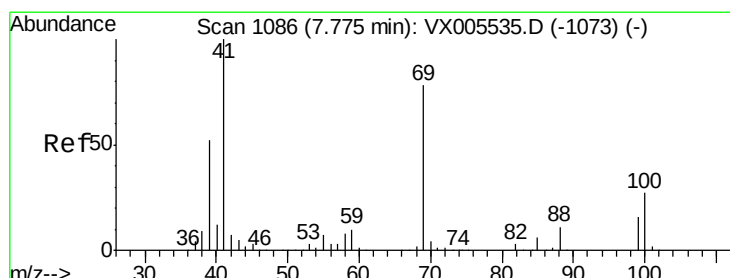
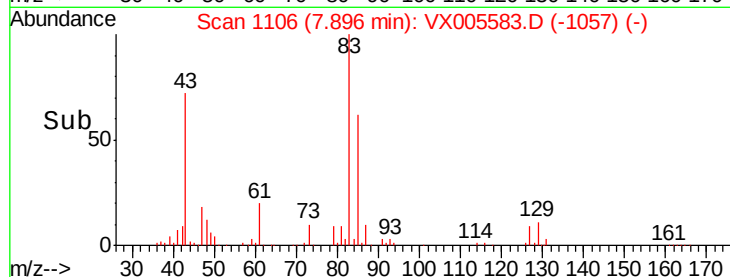
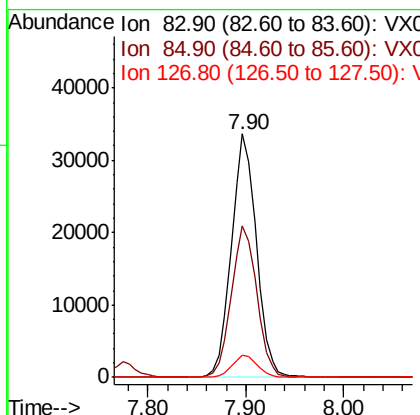
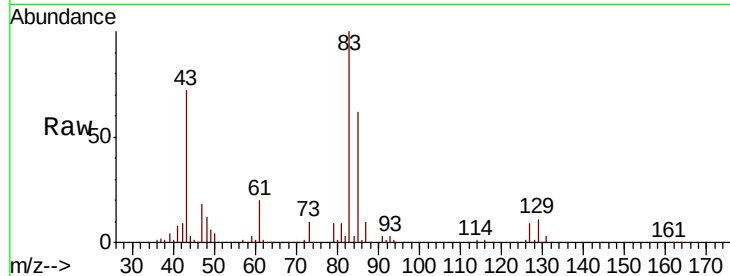
#47
Bromodichloromethane
Concen: 20.745 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	83	Resp	59670
Ion Ratio	Lower	Upper	
83	100		
85	62.2	50.2	75.4
127	9.0	6.9	10.3

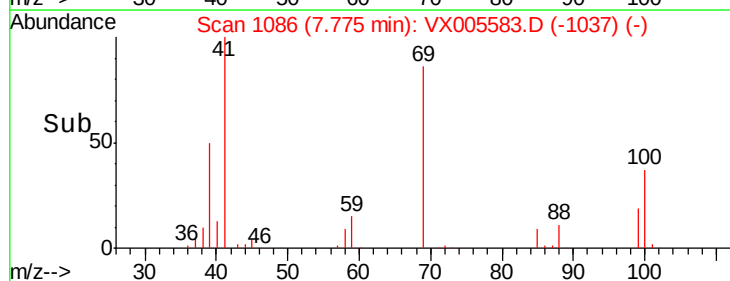
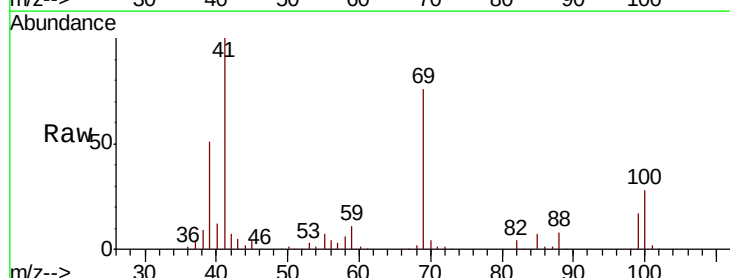
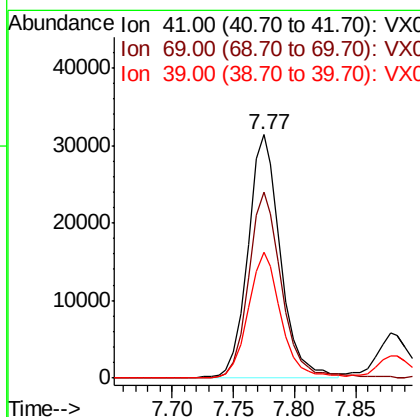
Manual Integrations
APPROVED

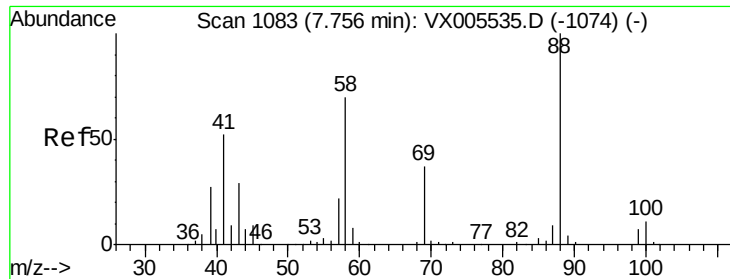
MMDadoda
10/26/2018 10:02:50 AM



#48
Methyl methacrylate
Concen: 20.955 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion	41	Resp	58119
Ion Ratio	Lower	Upper	
41	100		
69	77.6	63.2	94.8
39	52.0	42.2	63.2





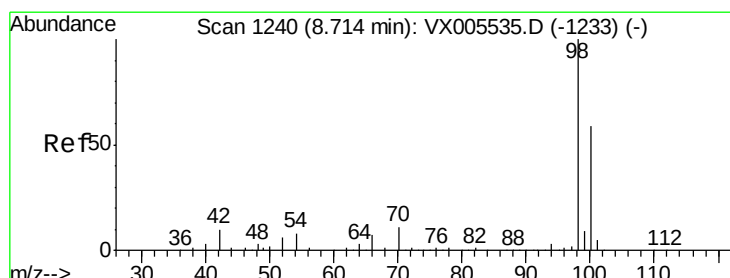
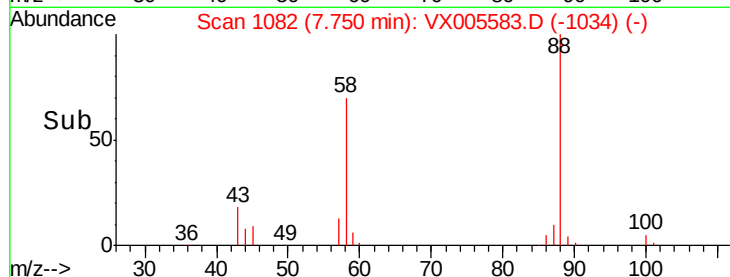
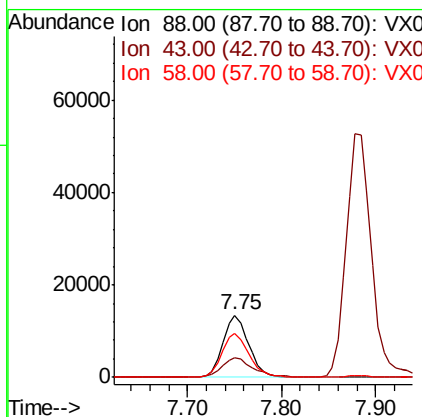
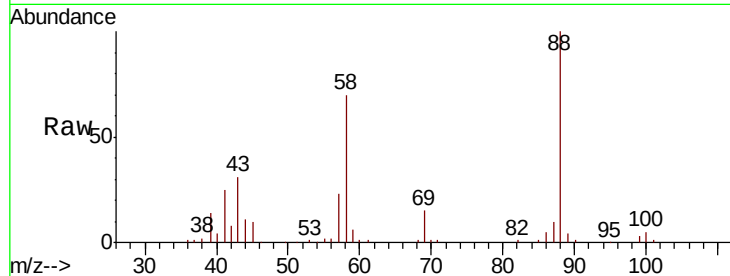
#49
1,4-Dioxane
Concen: 420.779 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	27.4	41.0
58	74.1	59.4	89.2

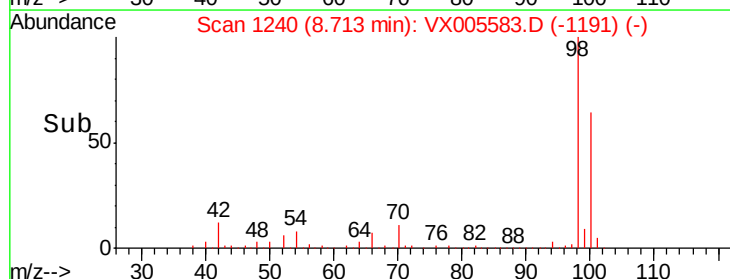
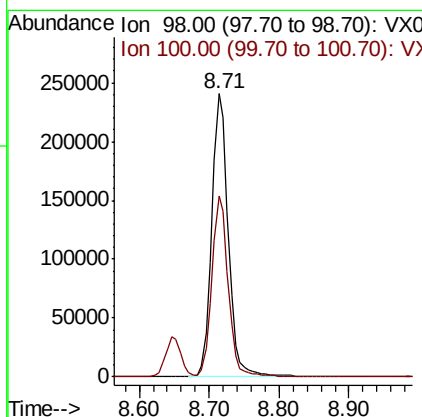
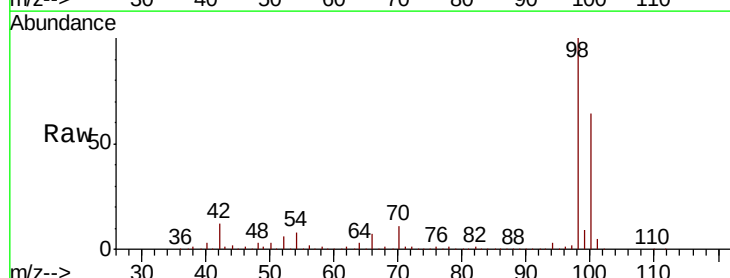
Manual Integrations
APPROVED

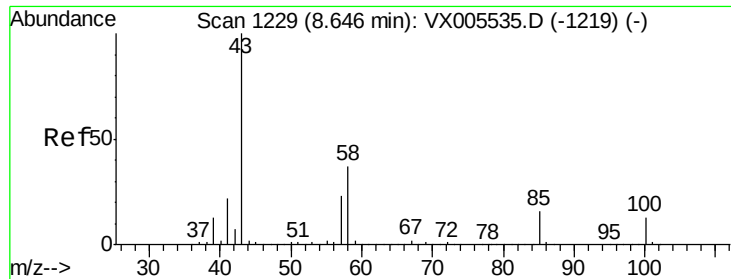
MMDadoda
10/26/2018 10:02:50 AM



#50
Toluene-d8
Concen: 52.787 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 104.313 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion: 43 Resp: 399126

Ion Ratio Lower Upper

43 100

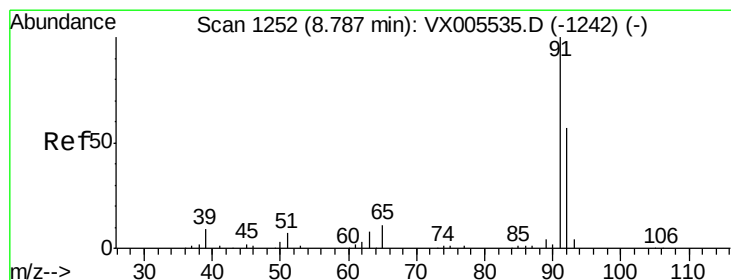
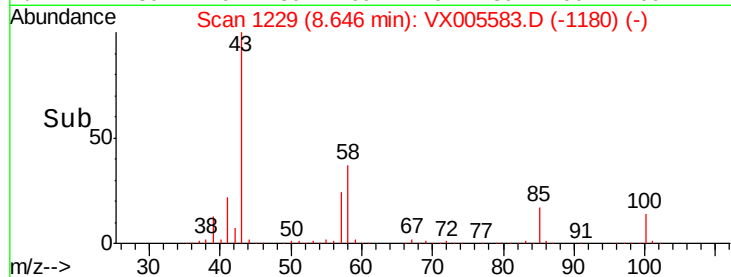
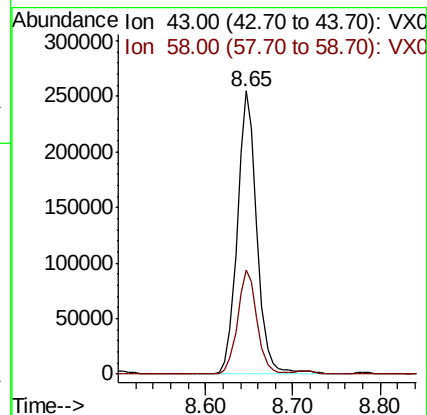
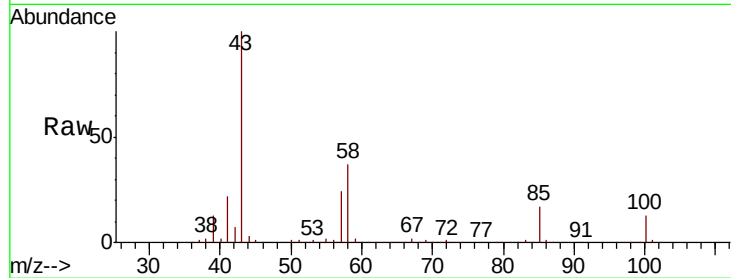
58 36.6 29.7 44.5

Manual Integrations

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MMDadoda

10/26/2018 10:02:50 AM



#52

Toluene

Concen: 21.253 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX005583.D

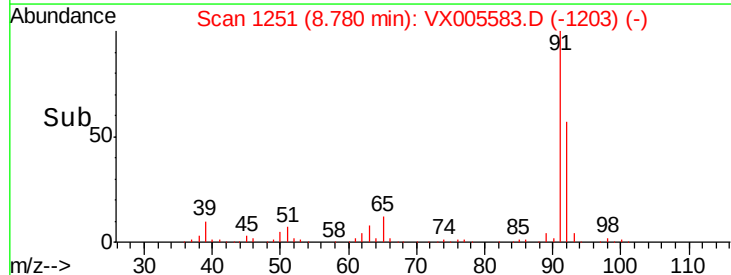
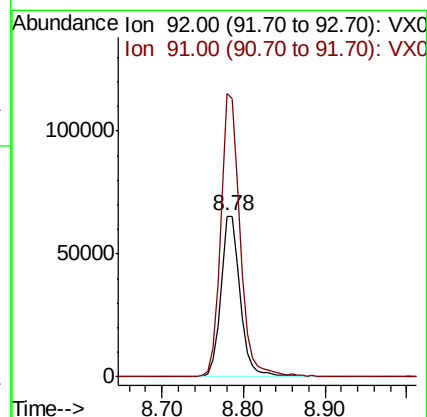
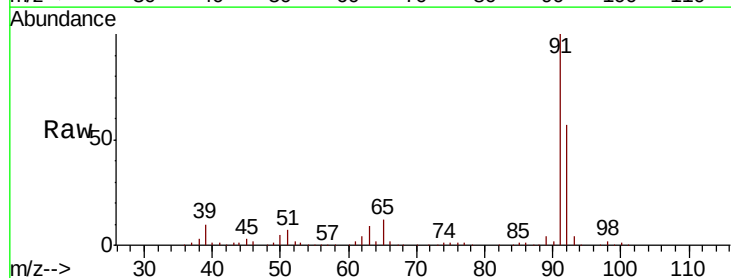
Acq: 25 Oct 2018 12:30

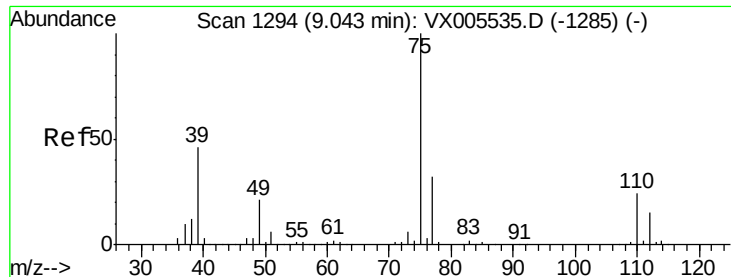
Tgt Ion: 92 Resp: 110240

Ion Ratio Lower Upper

92 100

91 175.9 140.4 210.6





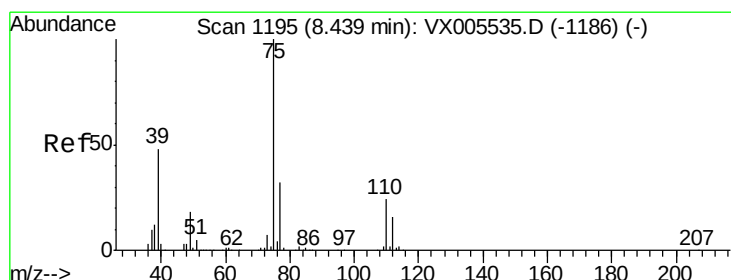
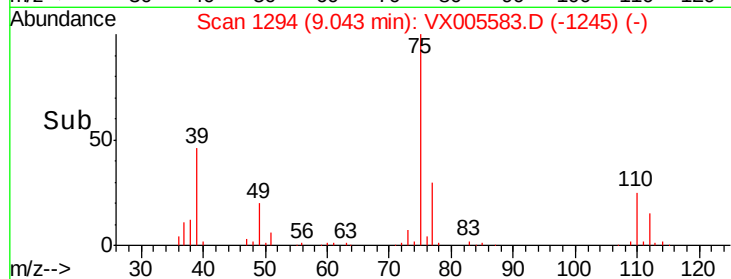
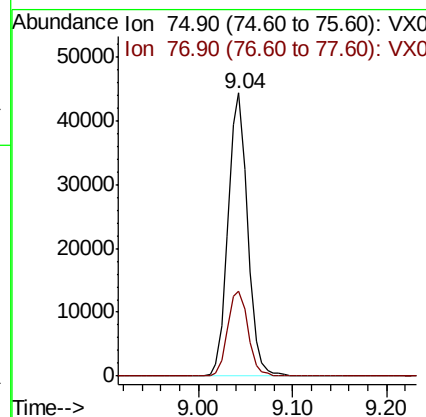
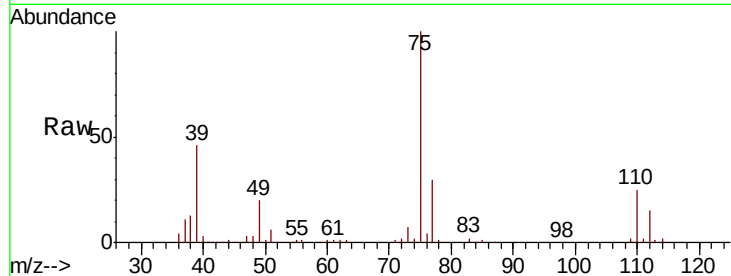
#53
t-1,3-Dichloropropene
Concen: 20.605 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion: 75 Resp: 64055
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.2

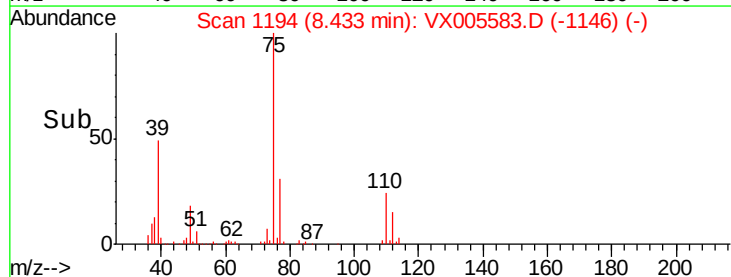
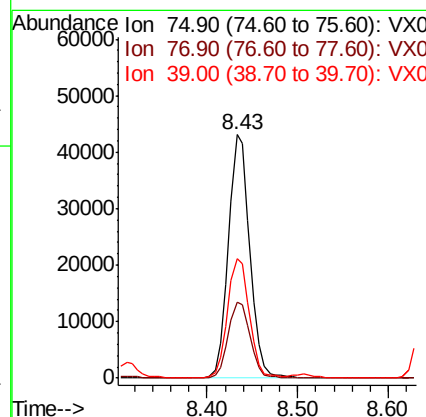
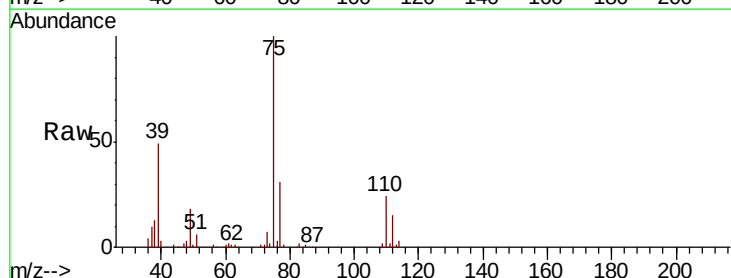
Manual Integrations
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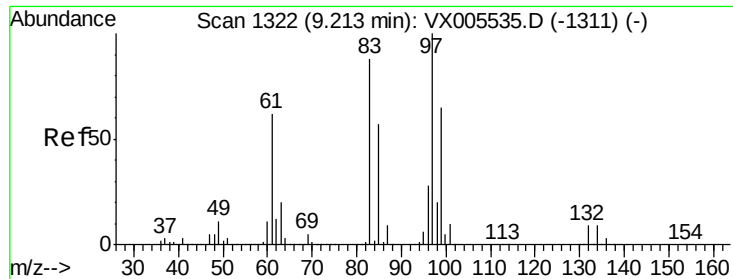
MMDadoda
10/26/2018 10:02:50 AM



#54
cis-1,3-Dichloropropene
Concen: 21.166 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion: 75 Resp: 70839
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 49.1 38.2 57.2





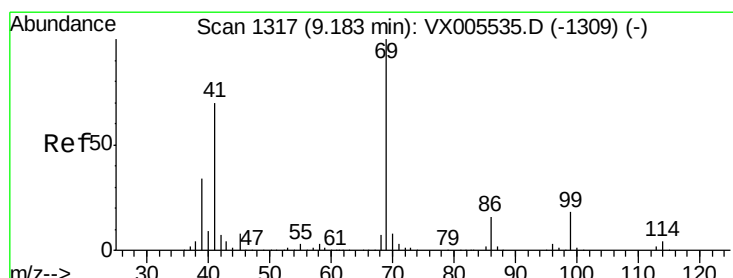
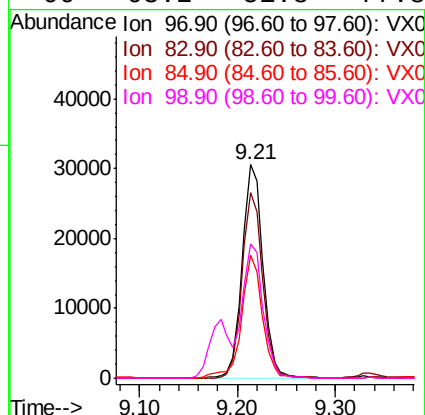
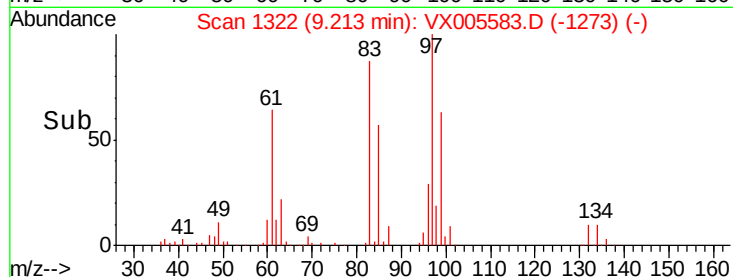
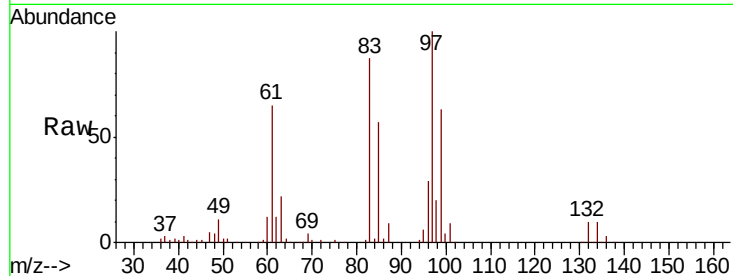
#55
 1,1,2-Trichloroethane
 Concen: 20.698 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion:	97	Resp:	45263
Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.7	106.1
85	57.5	45.8	68.6
99	63.2	51.8	77.8

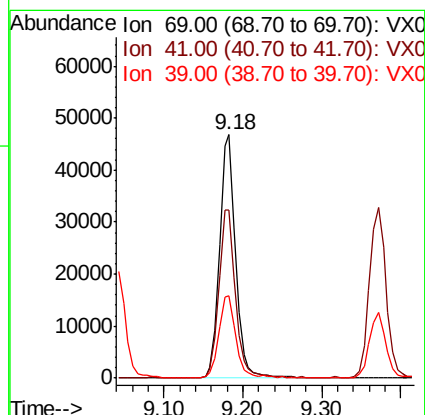
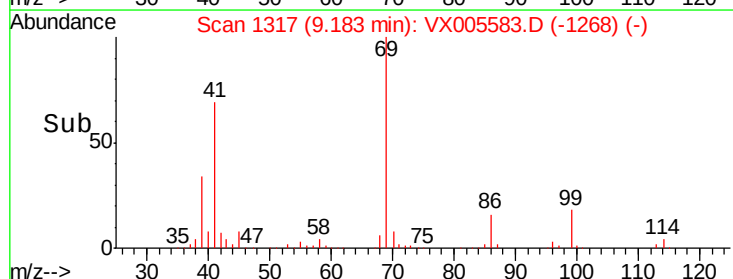
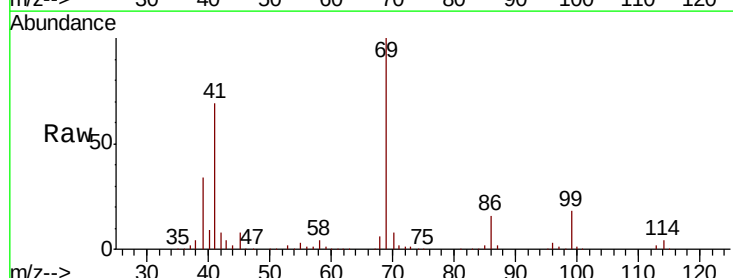
Manual Integrations
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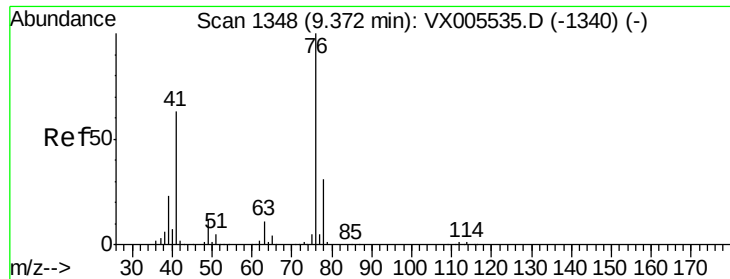
MMDadoda
 10/26/2018 10:02:50 AM



#56
 Ethyl methacrylate
 Concen: 20.477 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Tgt Ion:	69	Resp:	66793
Ion	Ratio	Lower	Upper
69	100		
41	72.3	57.0	85.6
39	35.6	28.3	42.5





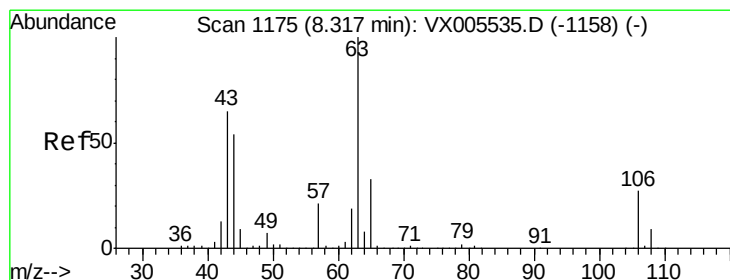
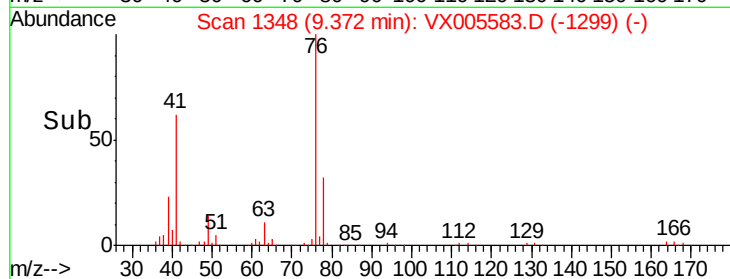
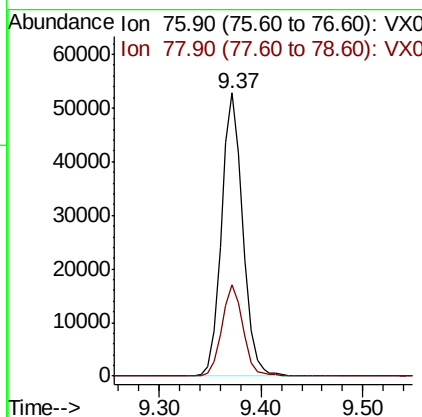
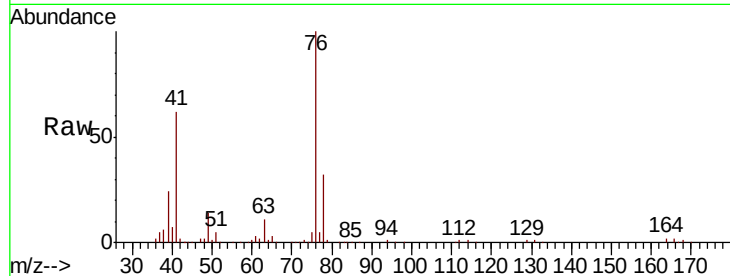
#57
 1,3-Dichloropropane
 Concen: 20.696 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.3	37.9

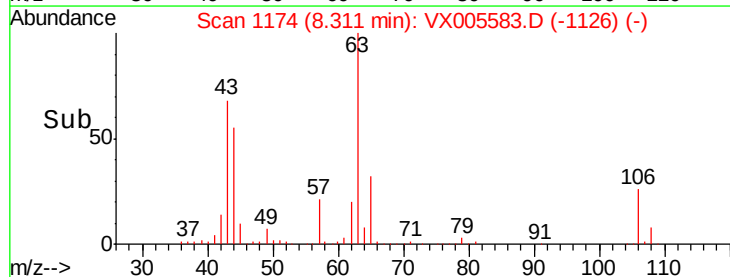
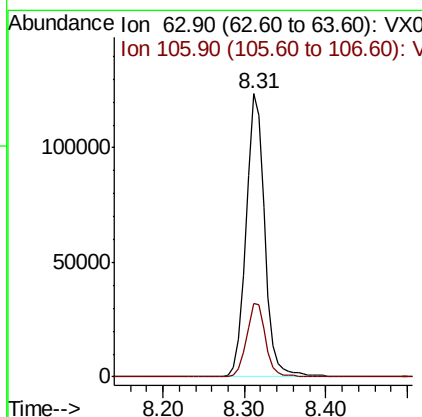
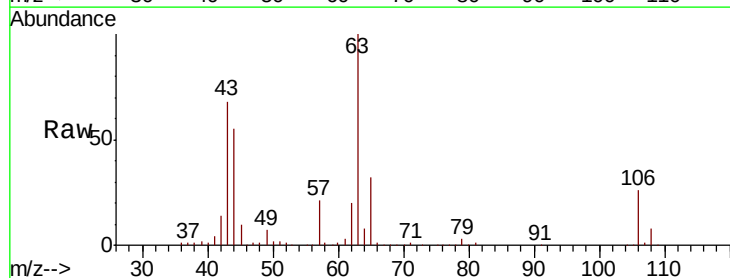
Manual Integrations
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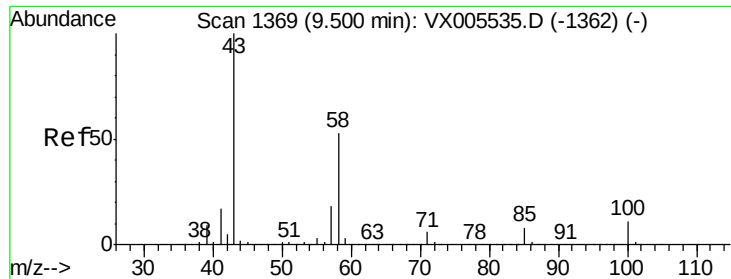
MMDadoda
 10/26/2018 10:02:50 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.579 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.3	31.9





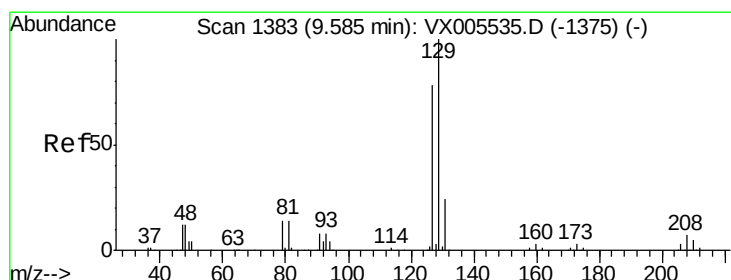
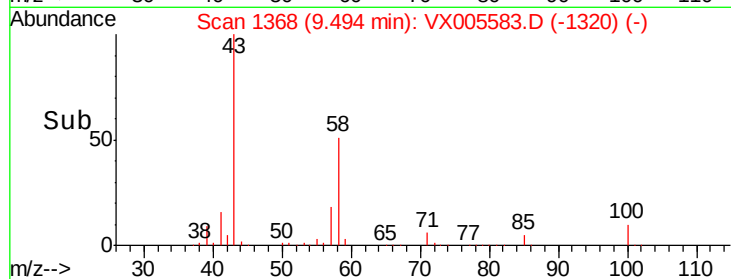
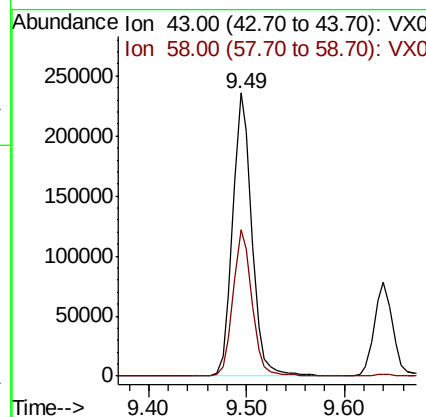
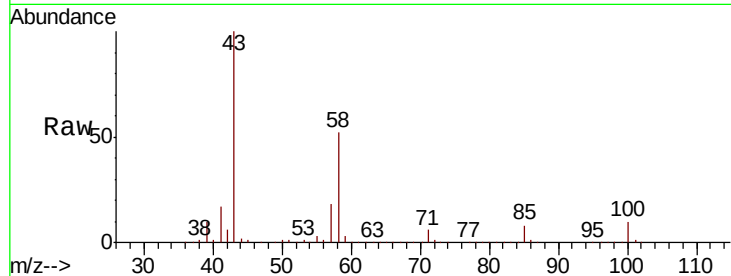
#59
2-Hexanone
Concen: 106.302 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion: 43 Resp: 320693
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.8

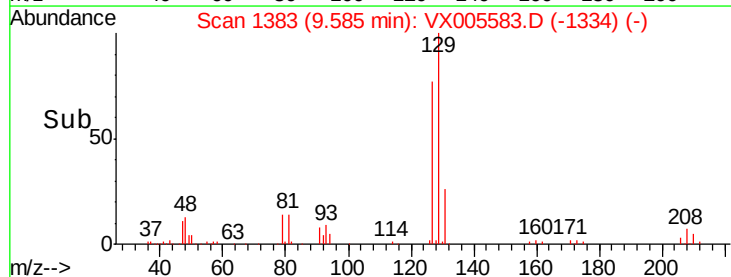
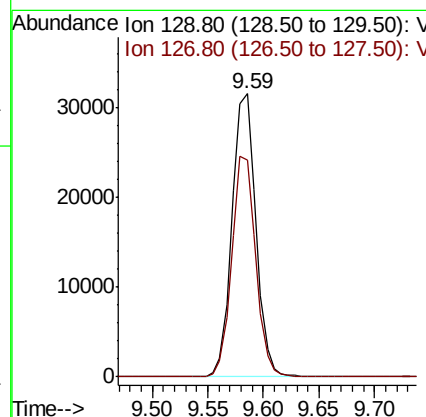
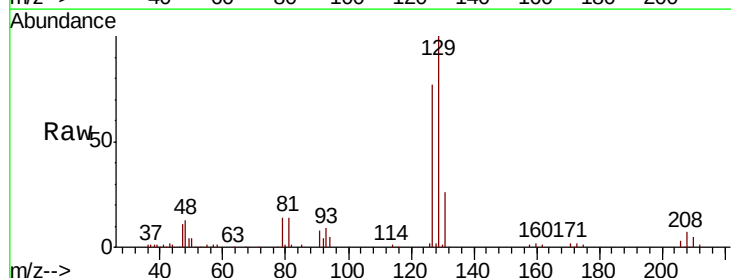
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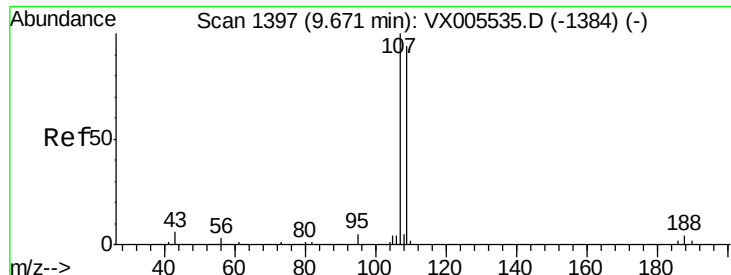
MMDadoda
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#60
Dibromochloromethane
Concen: 20.600 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion: 129 Resp: 47002
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 21.571 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion:107 Resp: 48803

Ion Ratio Lower Upper

107 100

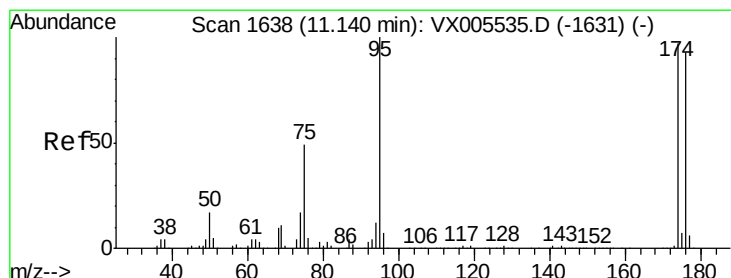
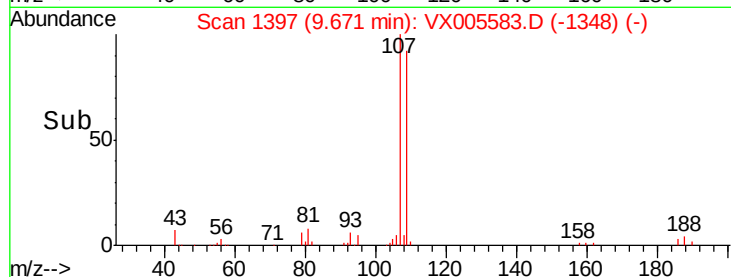
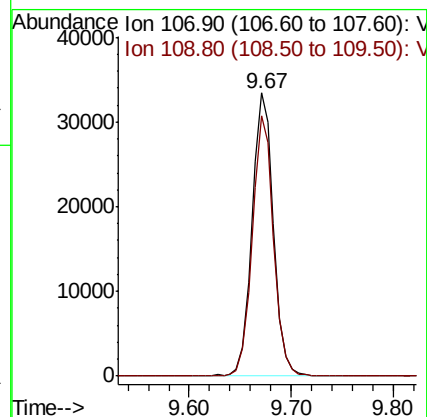
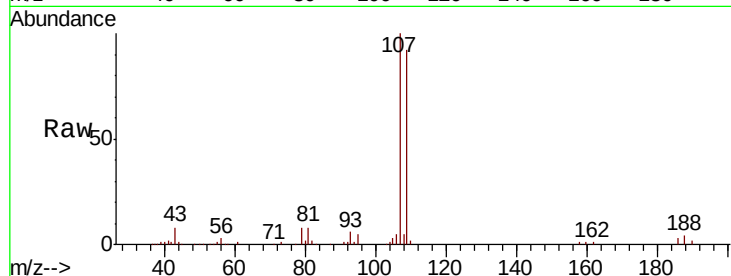
109 91.6 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 51.669 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

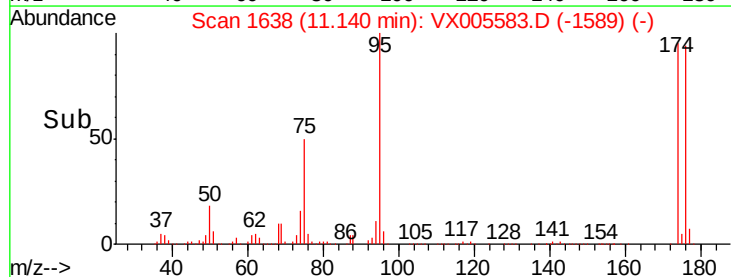
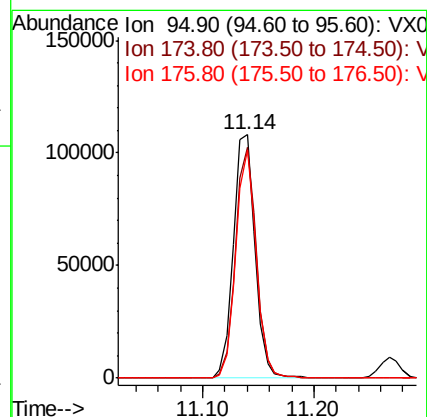
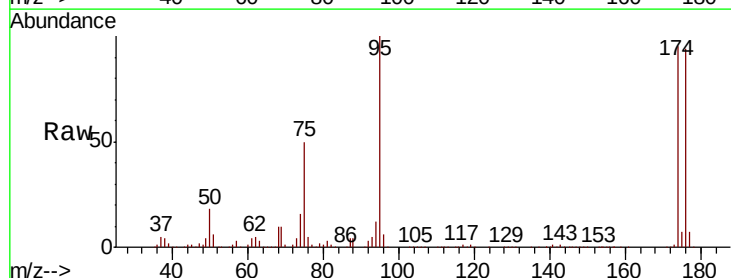
Tgt Ion: 95 Resp: 145649

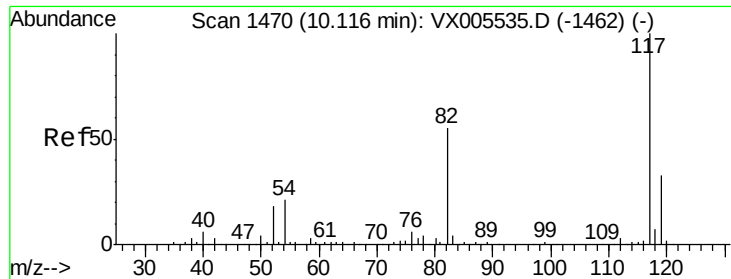
Ion Ratio Lower Upper

95 100

174 91.7 0.0 184.4

176 88.6 0.0 177.4





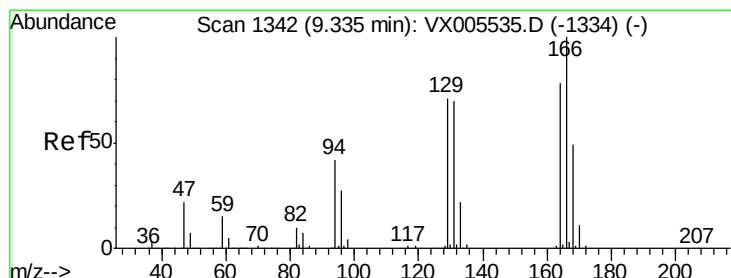
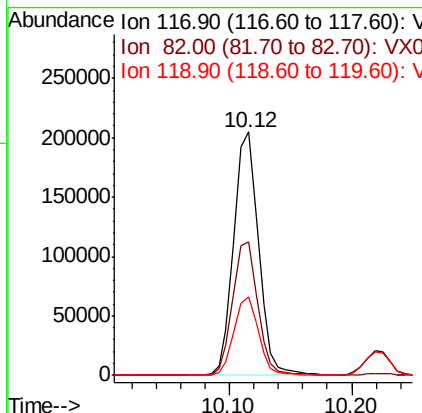
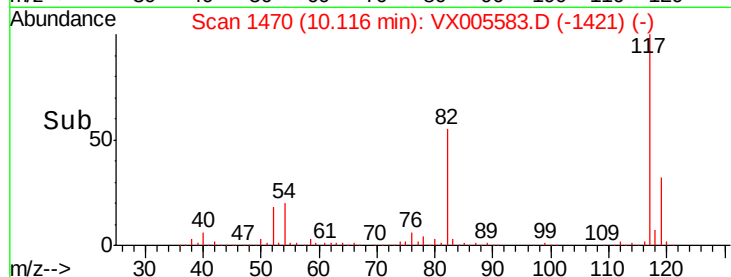
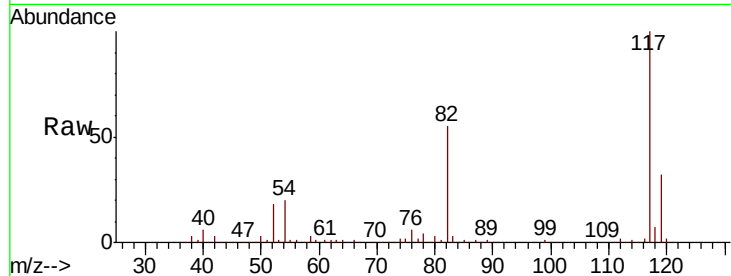
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.1	66.1
119	32.4	26.2	39.2

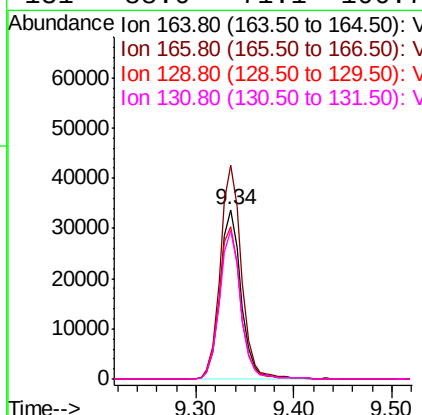
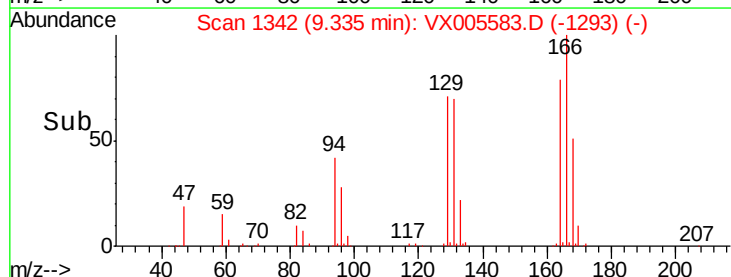
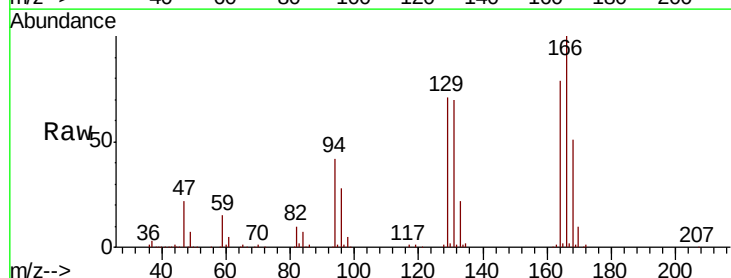
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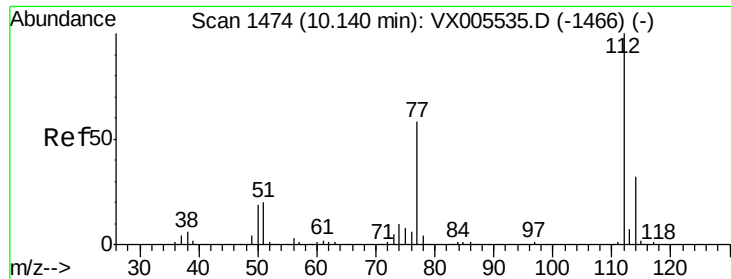
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#64
Tetrachloroethene
Concen: 21.082 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.9	152.9
129	90.2	72.6	109.0
131	88.0	71.1	106.7





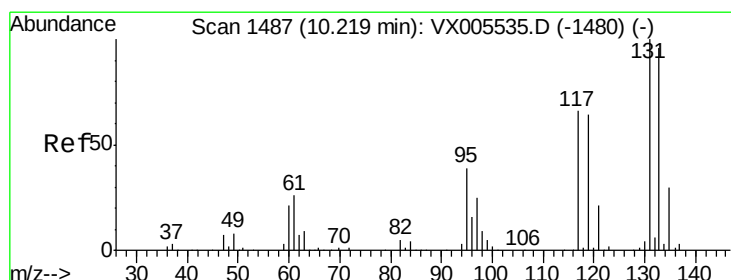
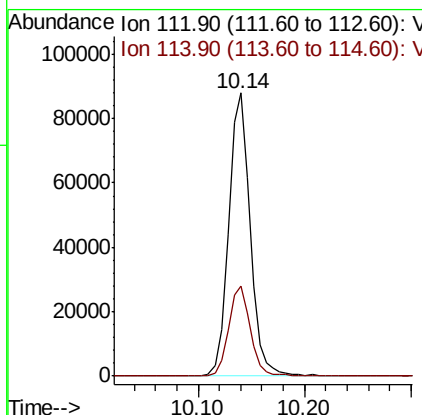
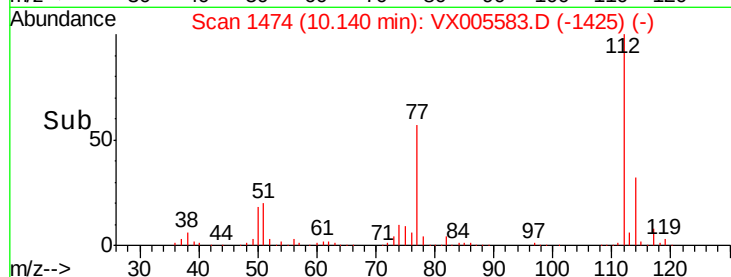
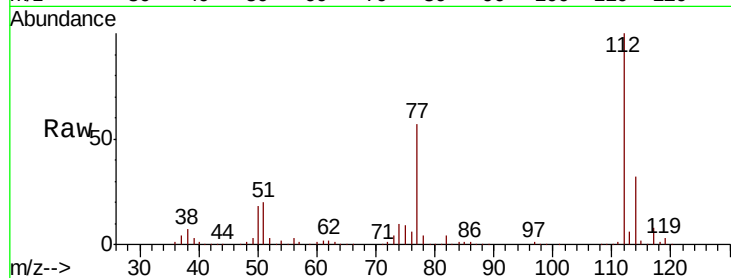
#65
Chlorobenzene
Concen: 20.262 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion:112 Resp: 124299
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6

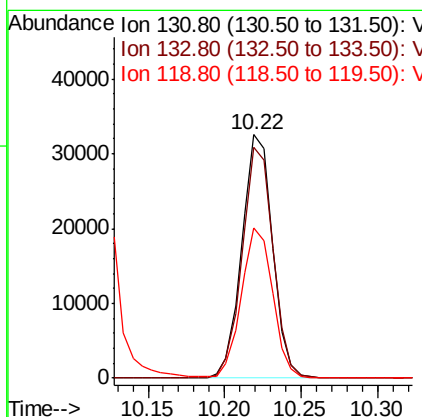
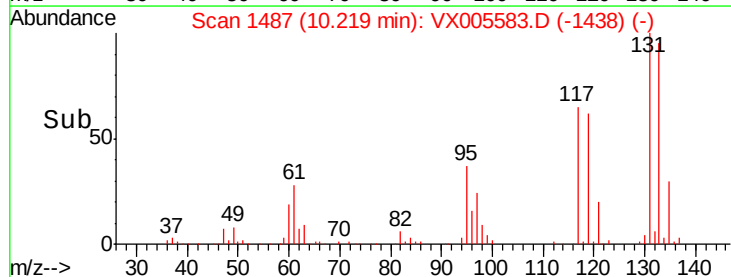
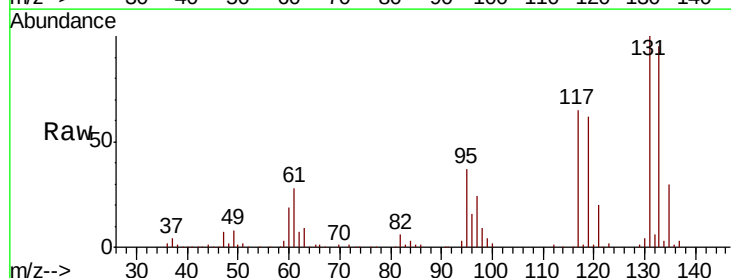
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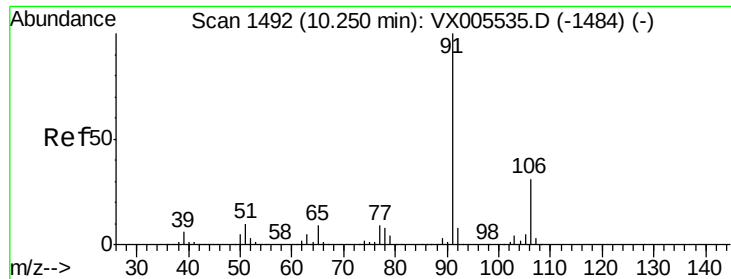
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.270 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion:131 Resp: 45342
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 63.3 31.8 95.3





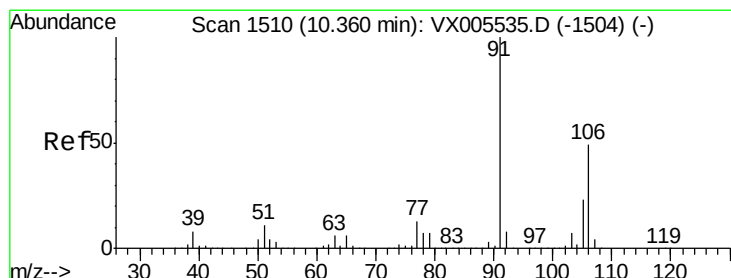
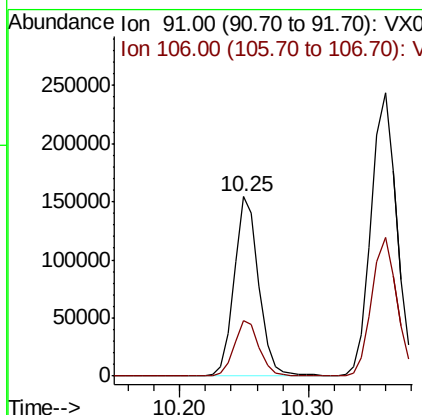
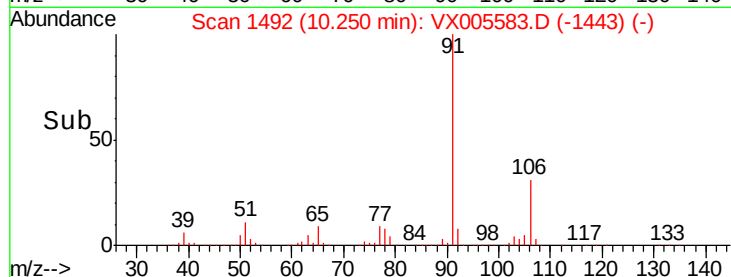
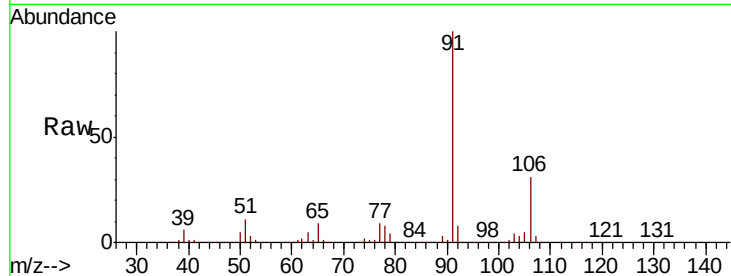
#67
Ethyl Benzene
Concen: 20.502 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion: 91 Resp: 206929
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6

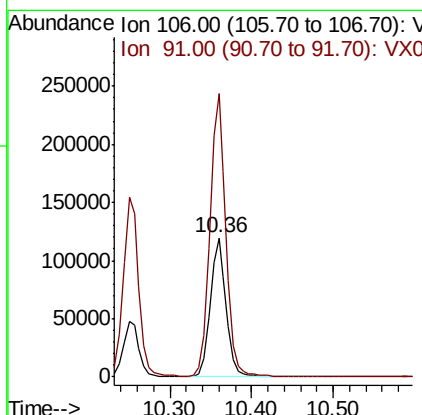
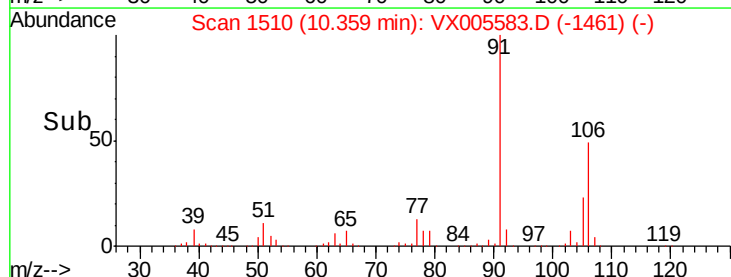
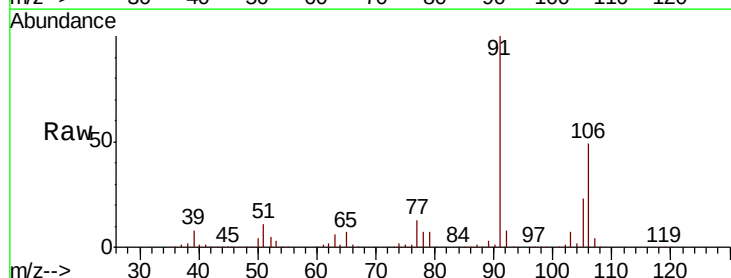
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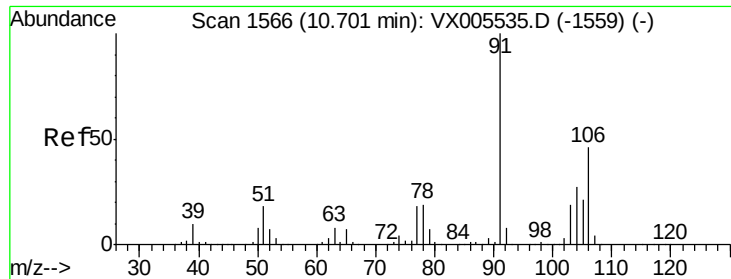
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#68
m/p-Xylenes
Concen: 41.704 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion: 106 Resp: 163308
Ion Ratio Lower Upper
106 100
91 206.7 164.2 246.4





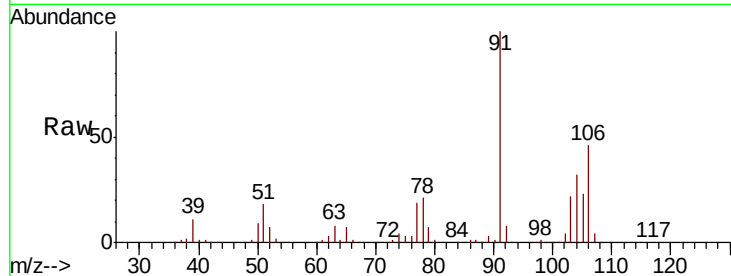
#69
o-Xylene
Concen: 20.702 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

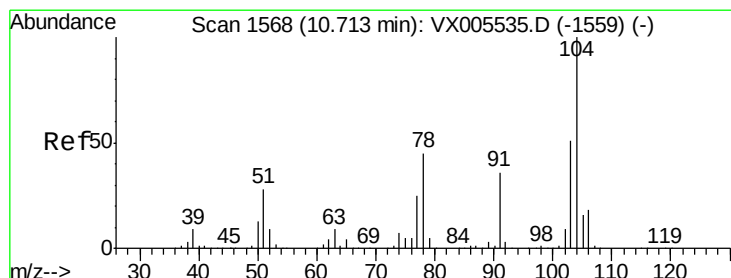
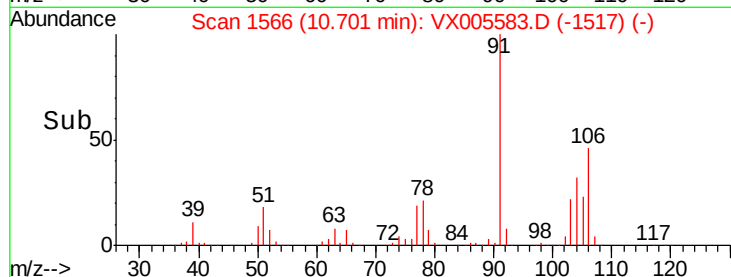
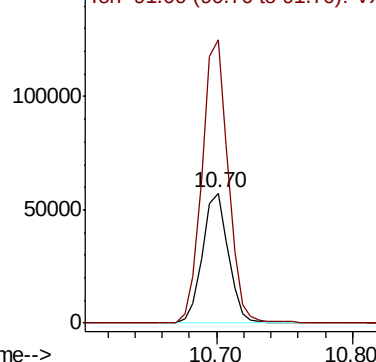
Tot Ion:106 Resp: 76268
Ion Ratio Lower Upper
106 100
91 220.4 108.5 325.5

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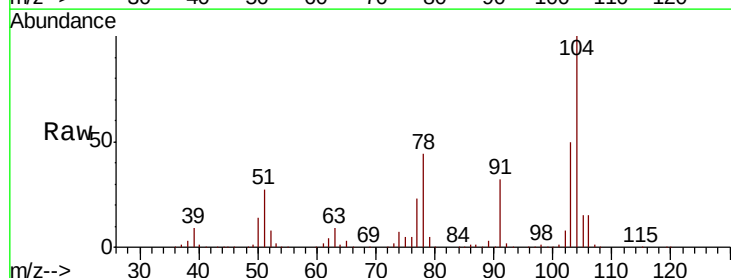


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

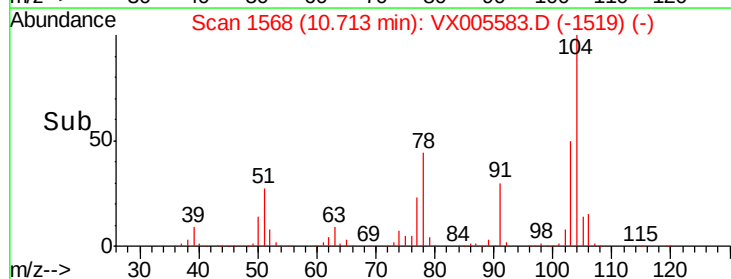
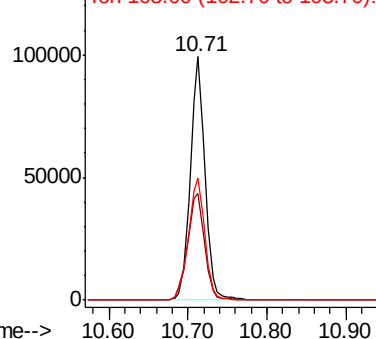


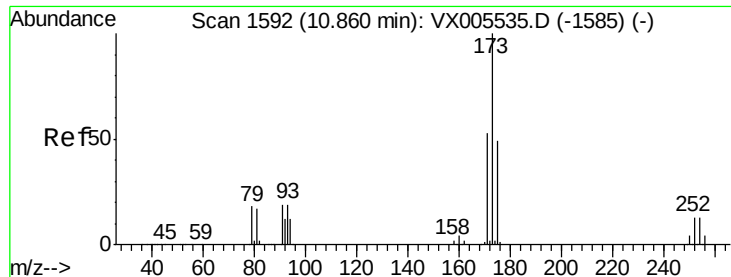
#70
Styrene
Concen: 21.037 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion:104 Resp: 129739
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.4
103 55.9 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





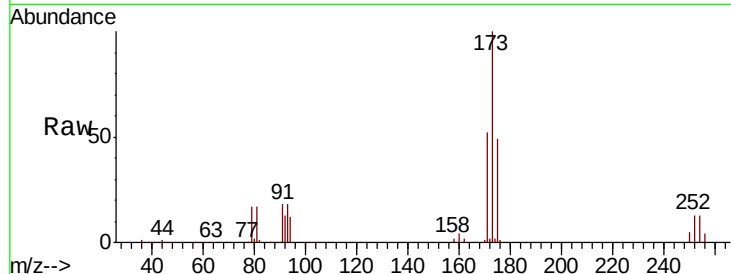
#71
Bromoform
Concen: 18.818 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.8	74.3
254	0.2	0.2	0.2

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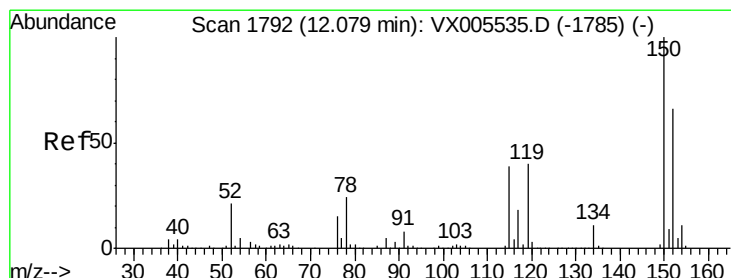
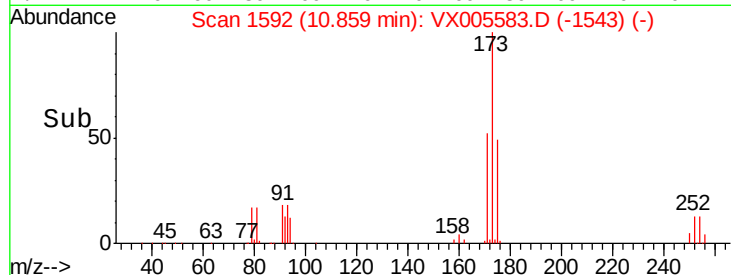
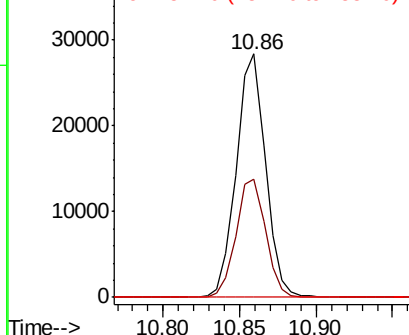


Abundance

Ion 172.70 (172.40 to 173.40): V

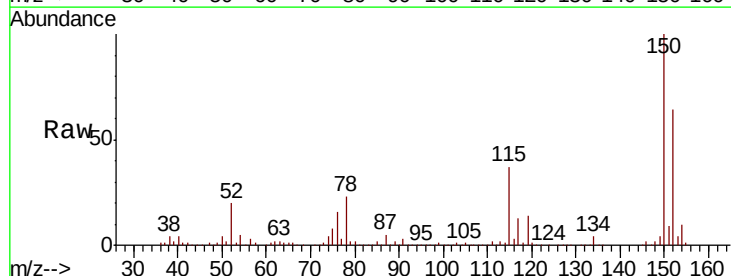
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.4	39.4	118.1
150	162.9	0.0	346.4

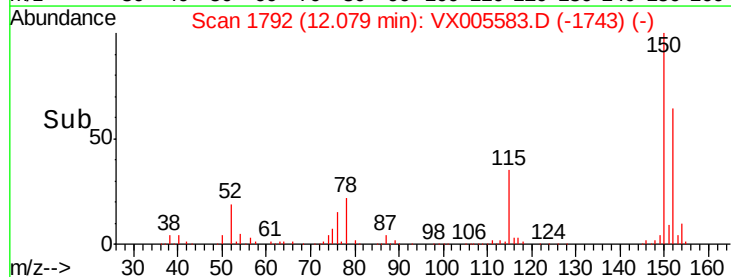
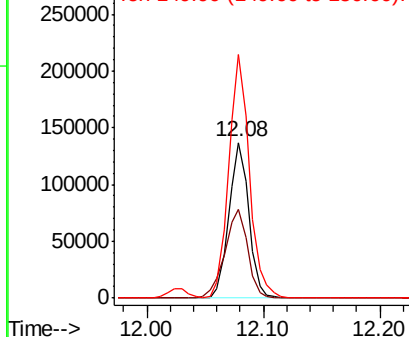


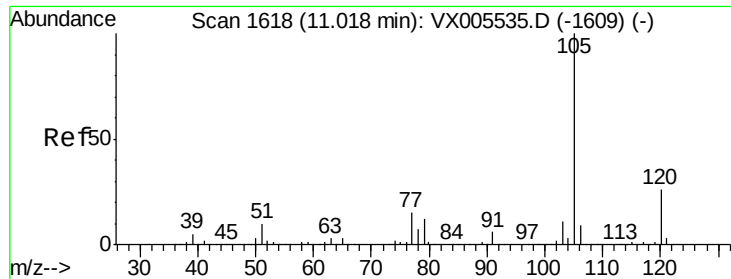
Abundance

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: 21.495 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion:105 Resp: 212474

Ion Ratio Lower Upper

105 100

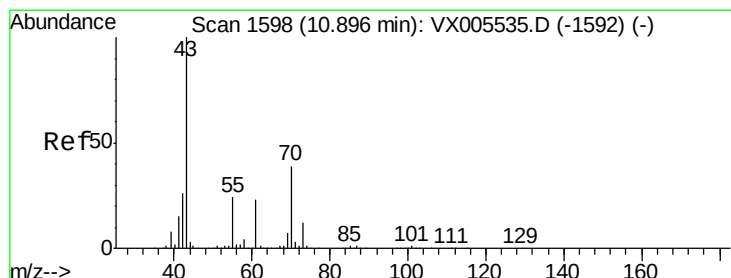
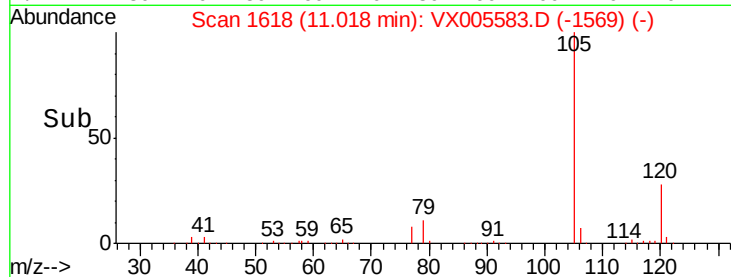
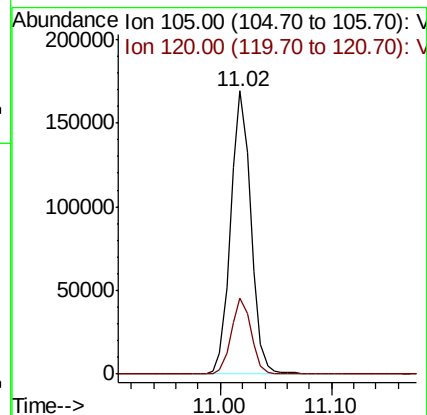
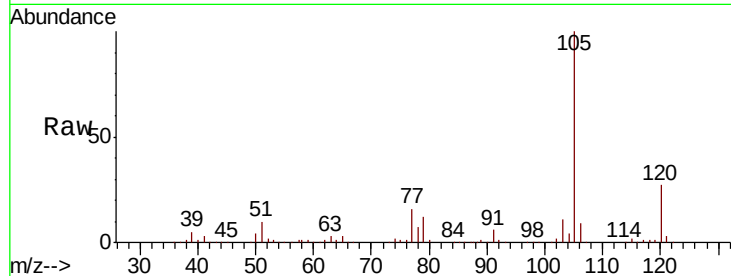
120 26.5 13.1 39.3

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#74

N-ethyl acetate

Concen: 20.107 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Tgt Ion: 43 Resp: 98483

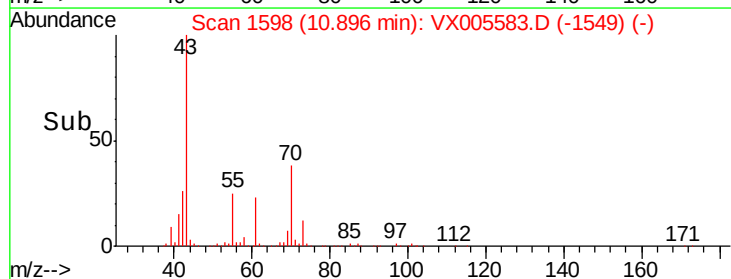
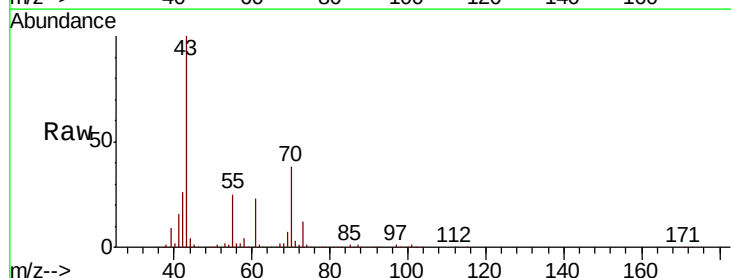
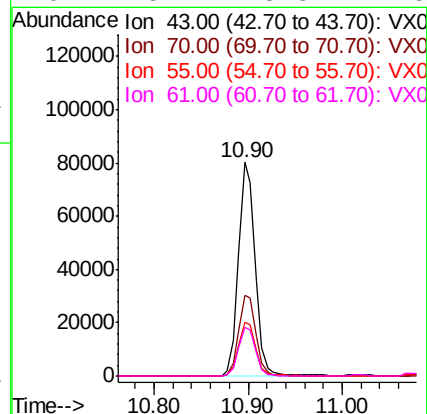
Ion Ratio Lower Upper

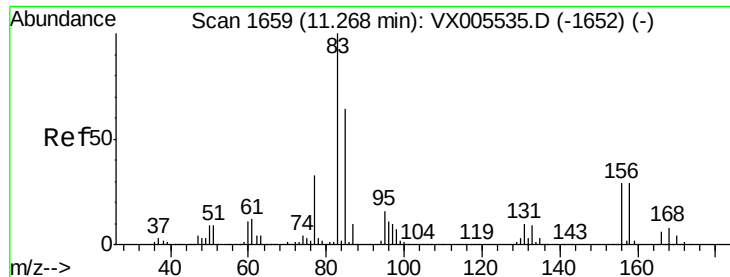
43 100

70 39.3 31.6 47.4

55 25.8 19.7 29.5

61 23.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.756 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

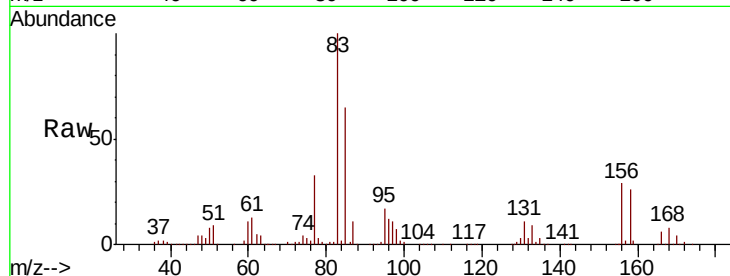
ClientSampleId :

VX1025WBS01

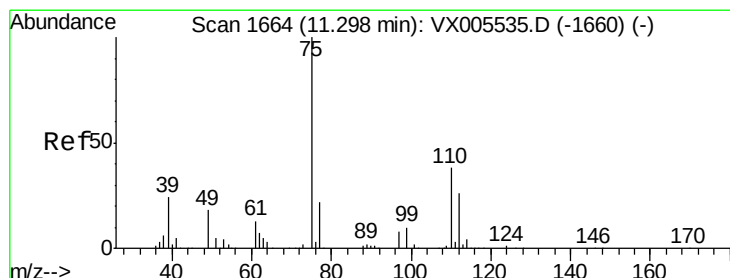
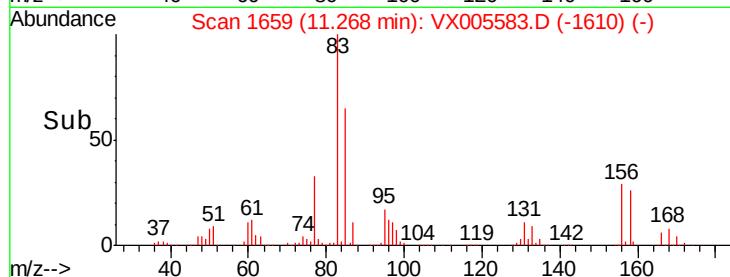
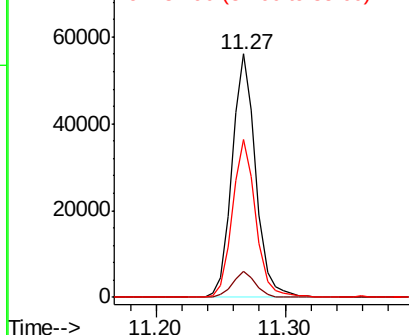
Tot Ion:	83	Resp:	72046
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.3	15.9
85	63.9	32.0	96.2

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.554 ug/l m

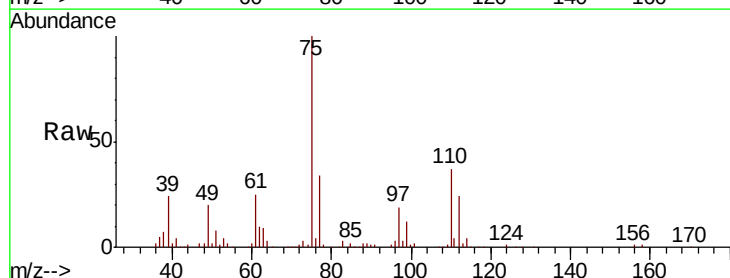
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

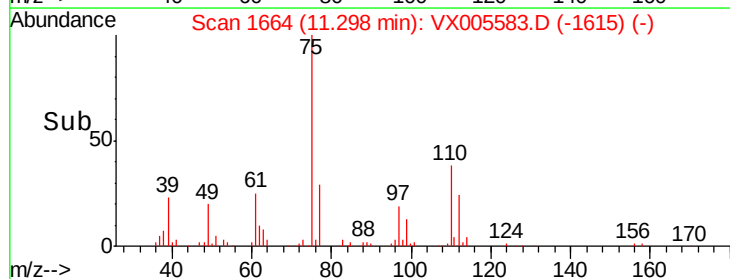
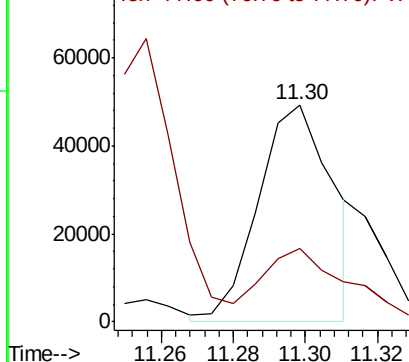
Lab File: VX005583.D

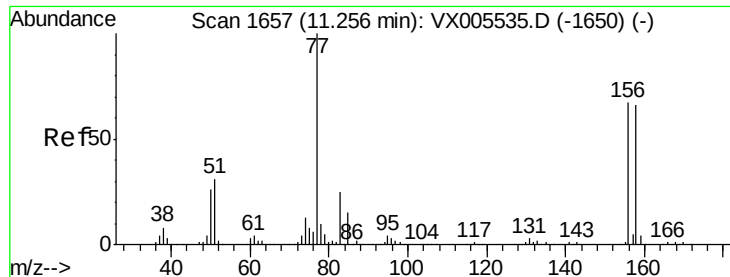
Acq: 25 Oct 2018 12:30

Tgt Ion:	75	Resp:	70419
Ion	Ratio	Lower	Upper
75	100		
77	38.8	20.5	61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.074 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion:156 Resp: 58054

Ion Ratio Lower Upper

156 100

77 145.7 74.8 224.4

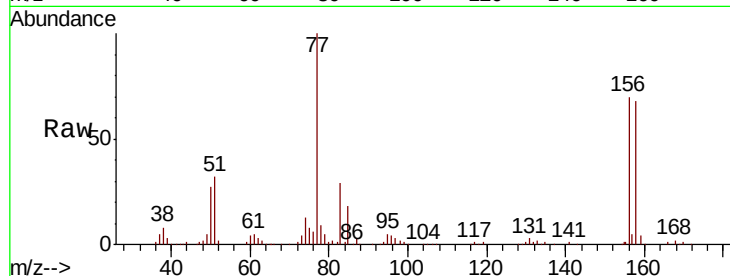
158 94.6 49.1 147.3

Manual Integrations

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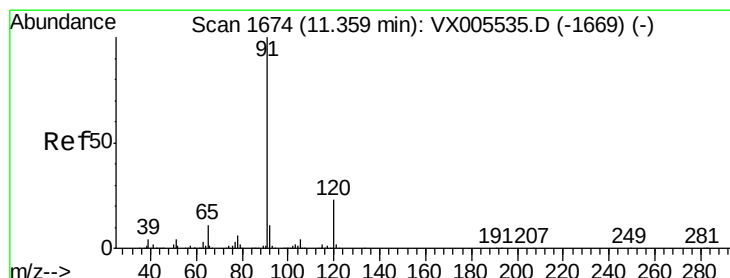
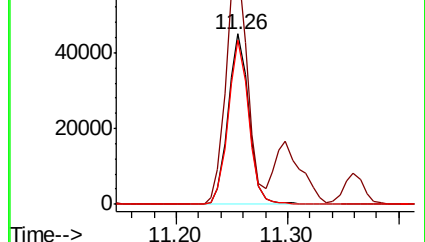
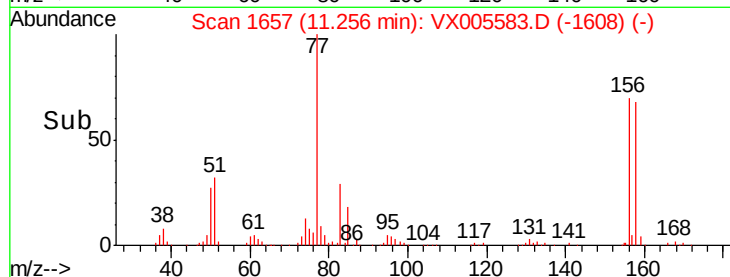
10/26/2018 10:02:50 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.996 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005583.D

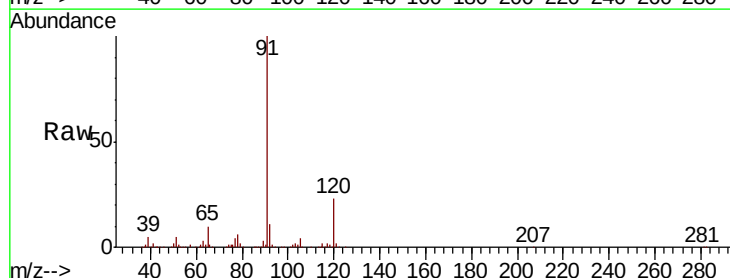
Acq: 25 Oct 2018 12:30

Tgt Ion: 91 Resp: 248617

Ion Ratio Lower Upper

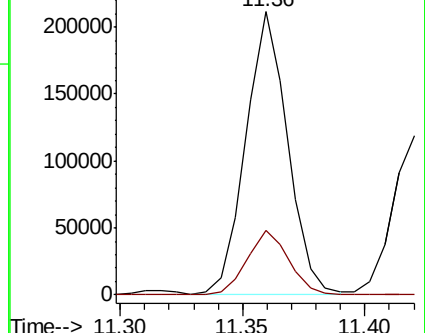
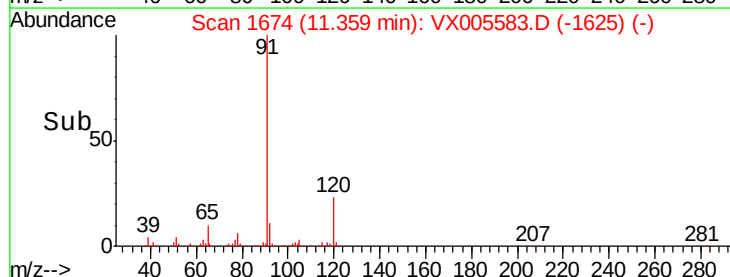
91 100

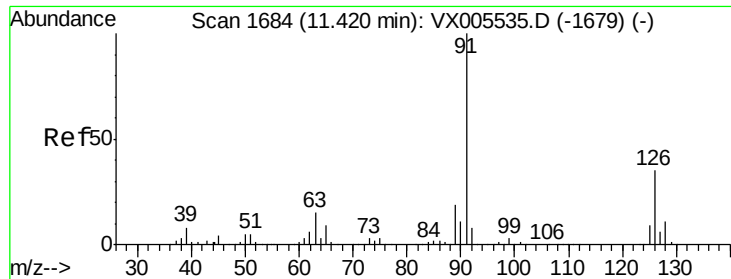
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.333 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion: 91 Resp: 149505

Ion Ratio Lower Upper

91 100

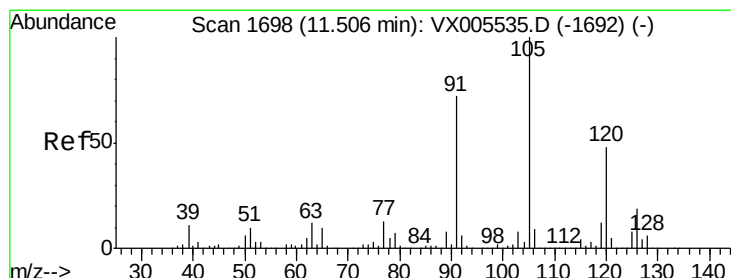
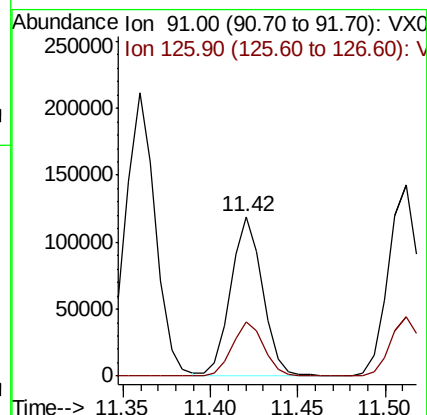
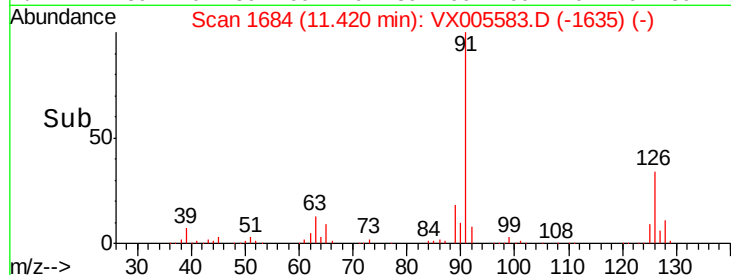
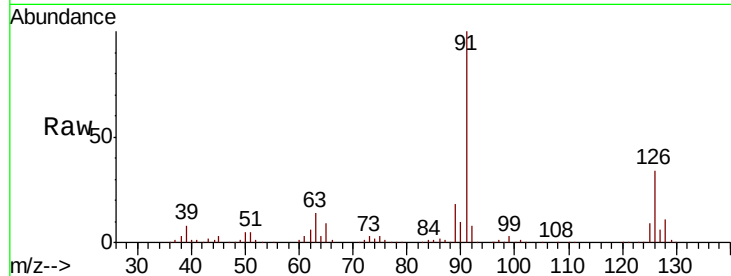
126 34.2 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.495 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005583.D

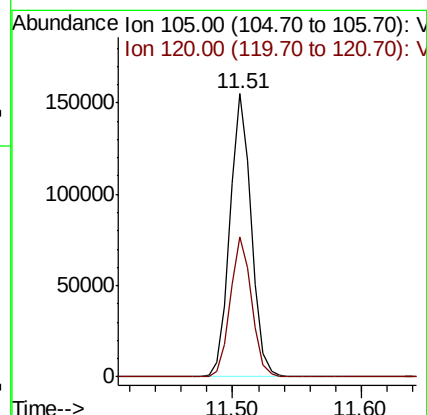
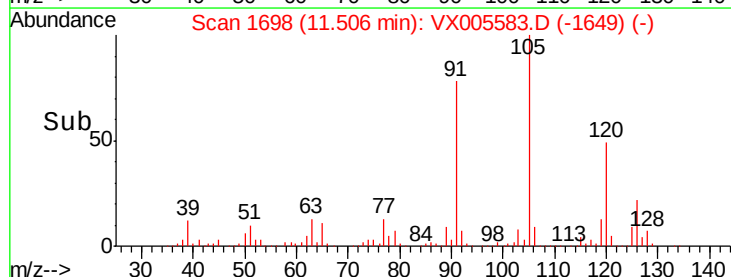
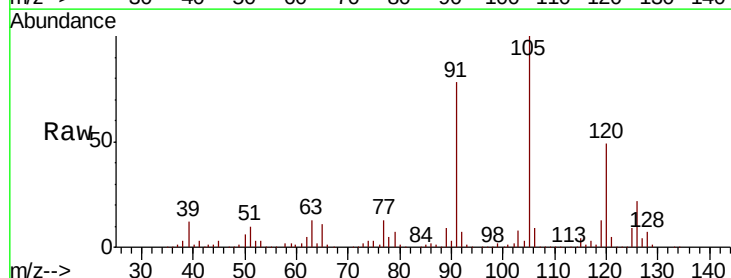
Acq: 25 Oct 2018 12:30

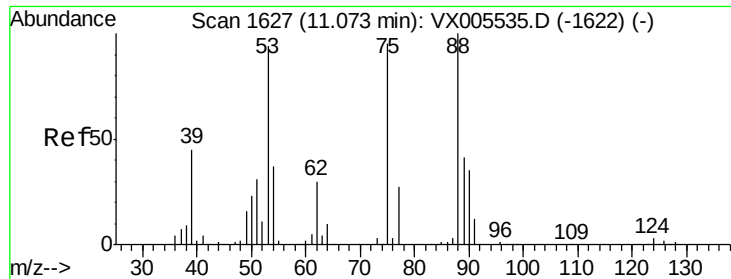
Tgt Ion: 105 Resp: 181761

Ion Ratio Lower Upper

105 100

120 49.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.937 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

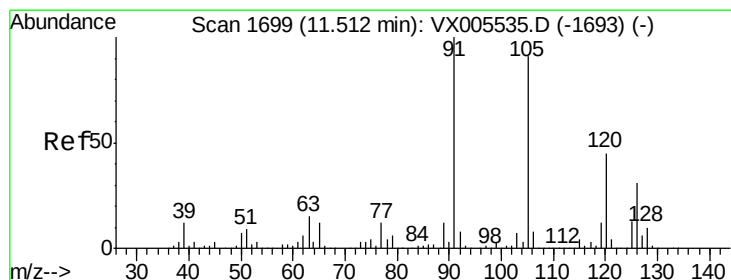
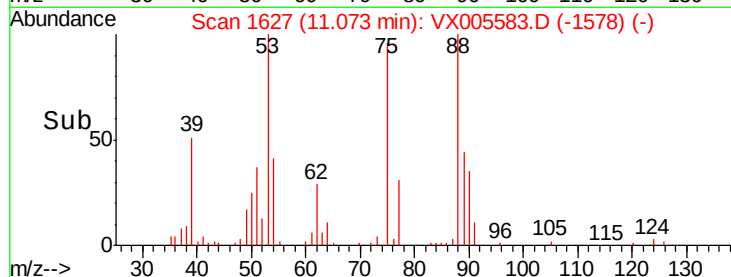
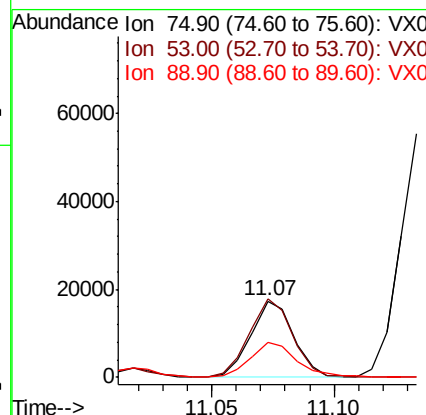
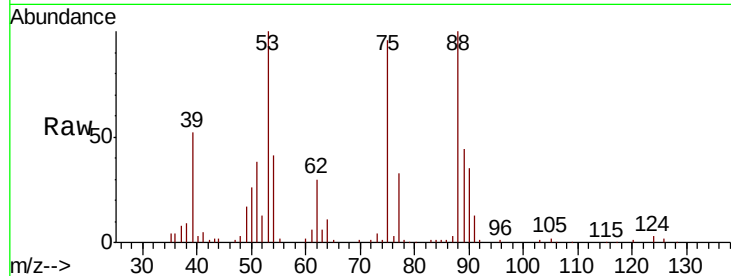
ClientSampleId :

VX1025WBS01

Tot Ion:	75	Resp:	20905
Ion	Ratio	Lower	Upper
75	100		
53	105.9	80.2	120.2
89	51.1	39.8	59.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.261 ug/l

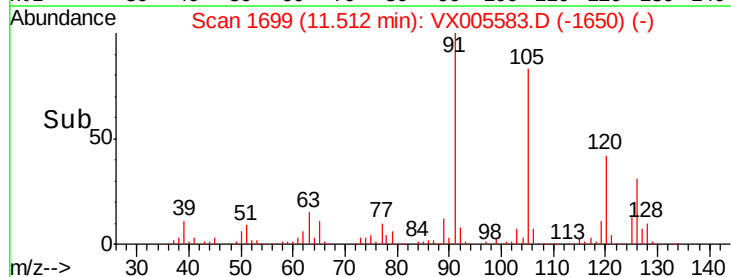
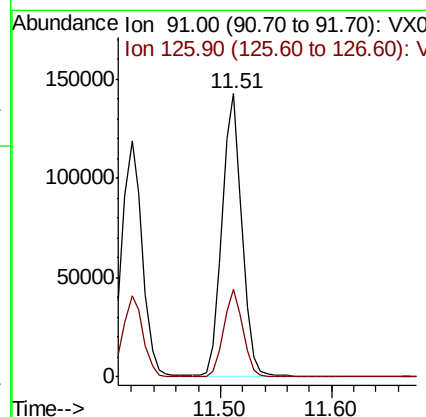
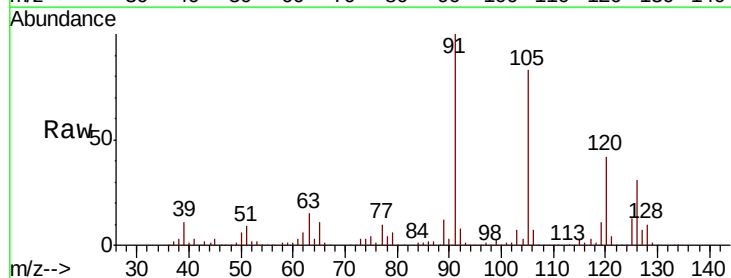
RT: 11.51 min Scan# 1699

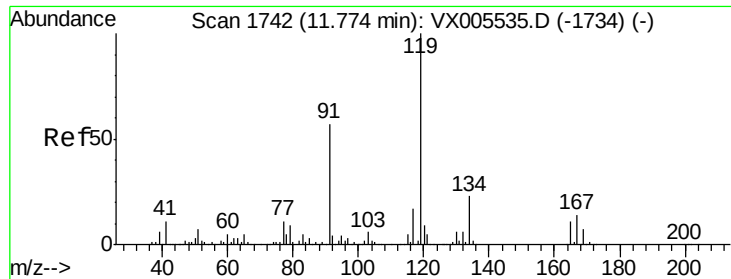
Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Tgt Ion:	91	Resp:	175696
Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.2	45.6





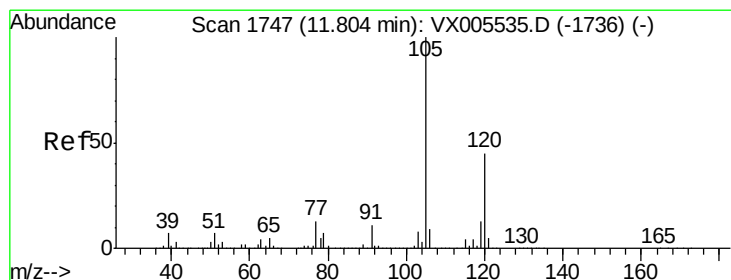
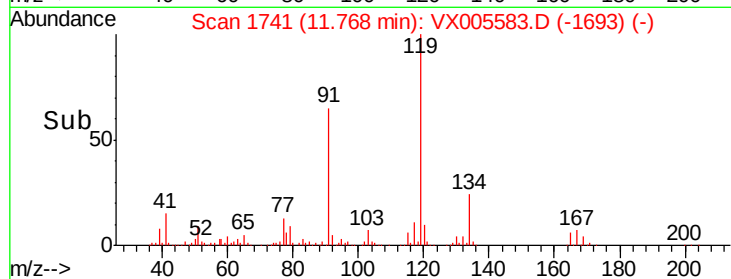
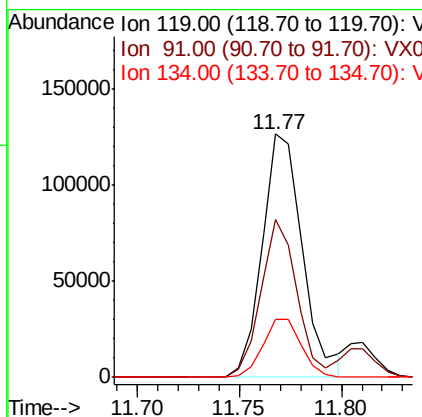
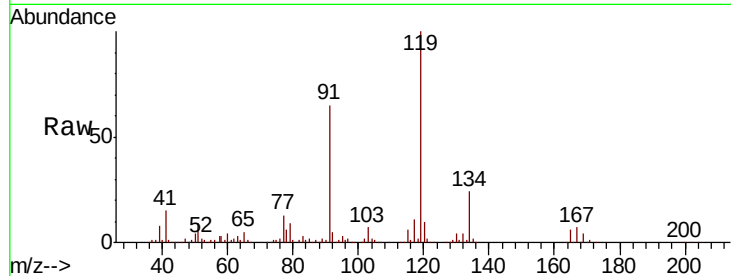
#83
 tert-Butylbenzene
 Concen: 20.696 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	174444		
91	58.0		28.5	85.5
134	23.0		11.3	33.8

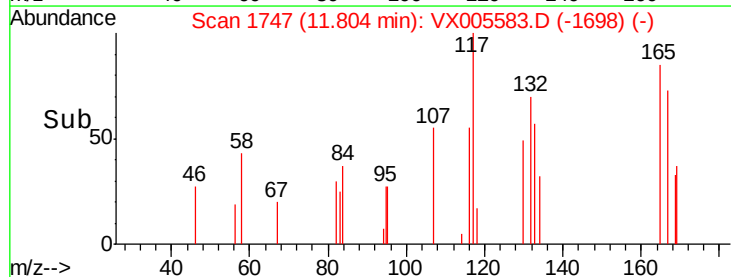
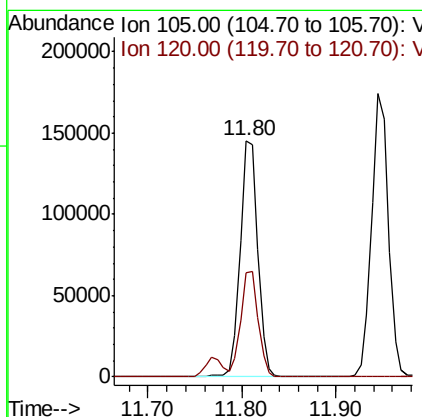
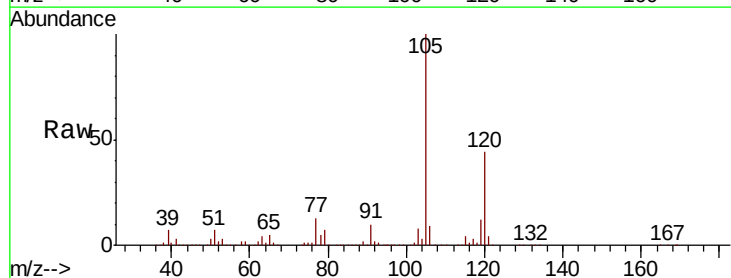
Manual Integrations
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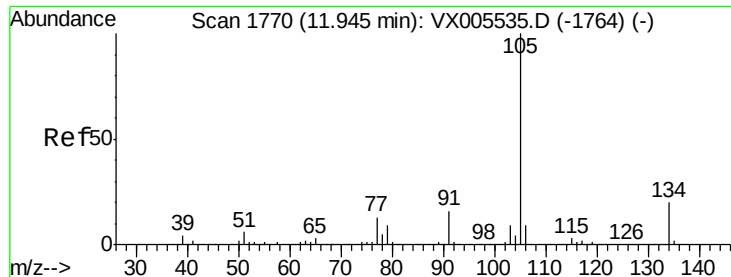
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.080 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	189223		
120	44.2		22.4	67.0





#85

sec-Butylbenzene

Concen: 21.502 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion:105 Resp: 216257

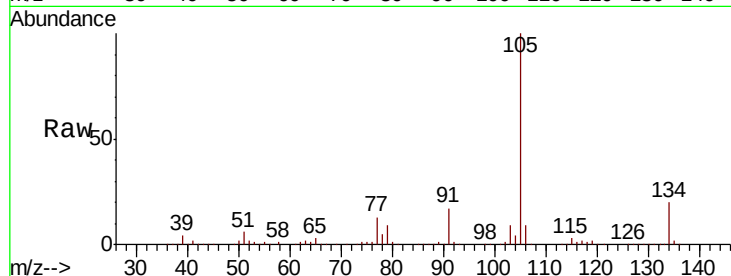
Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4

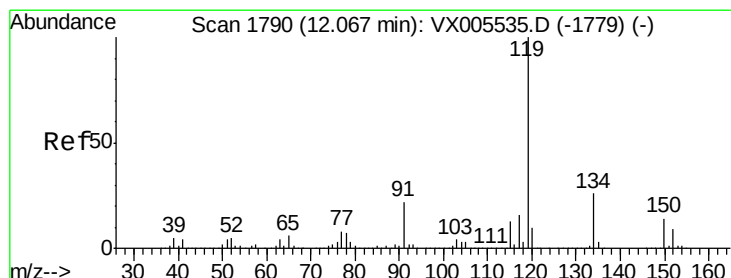
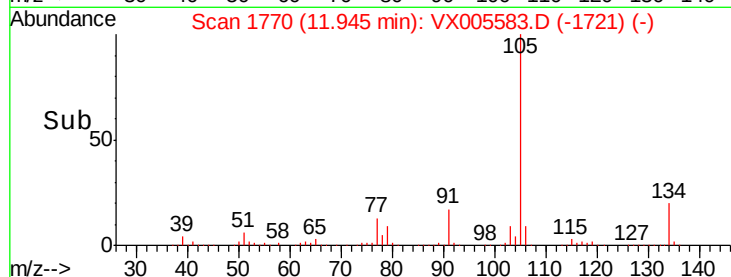
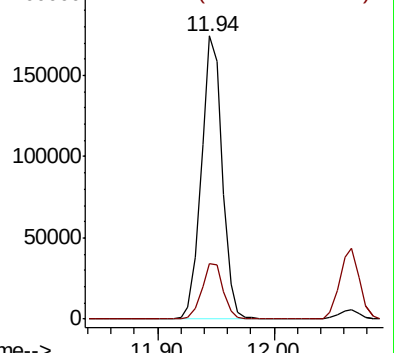
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.887 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

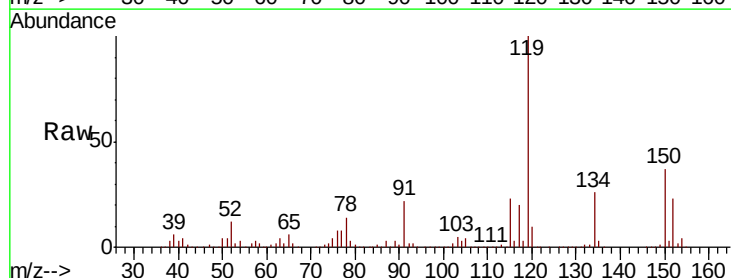
Tgt Ion:119 Resp: 196786

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

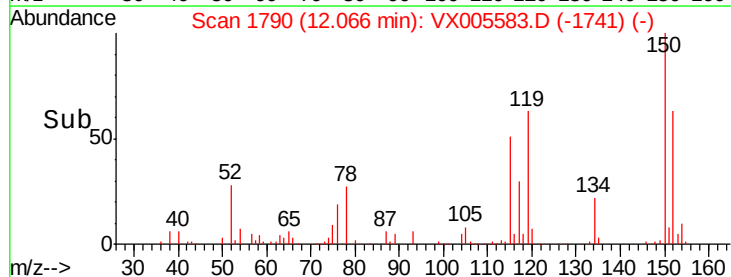
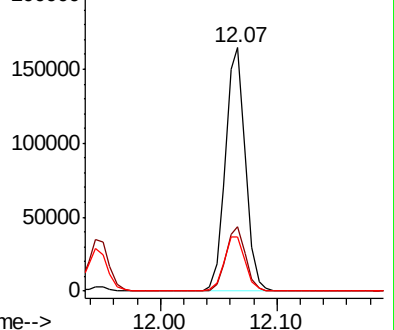
91 23.5 11.4 34.2

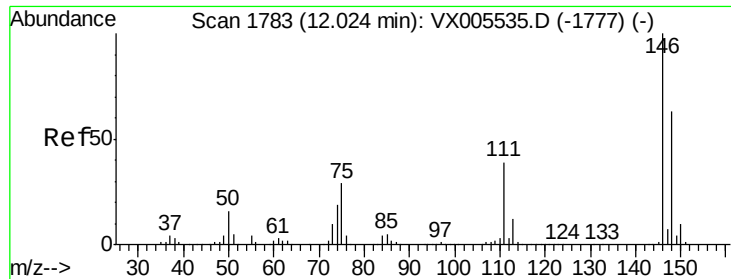


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





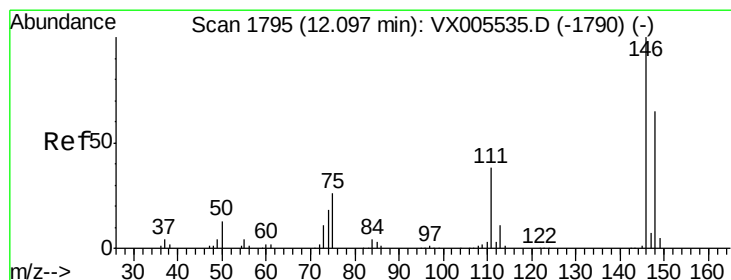
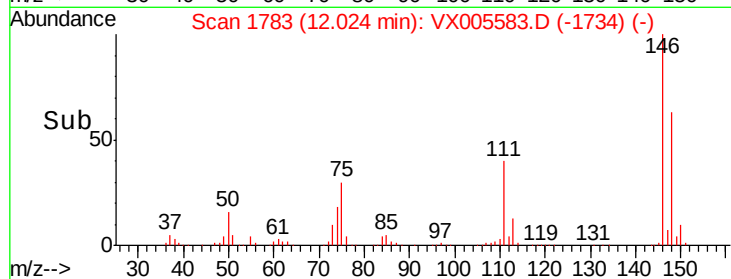
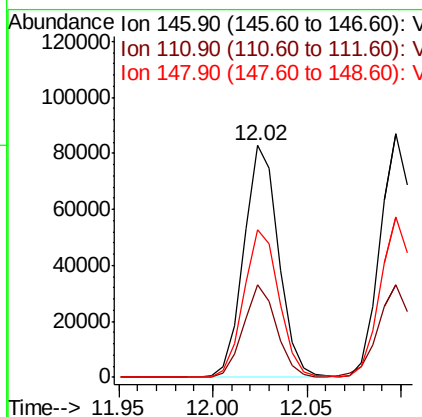
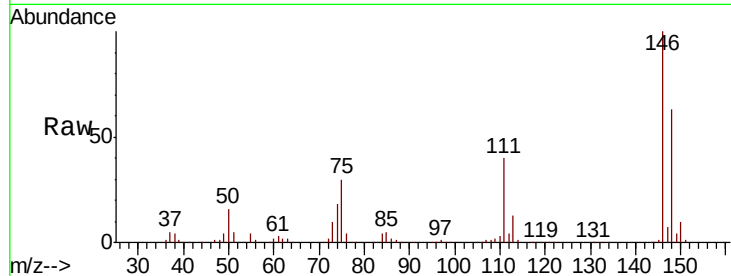
#87
 1,3-Dichlorobenzene
 Concen: 20.421 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	64.8	31.9	95.9

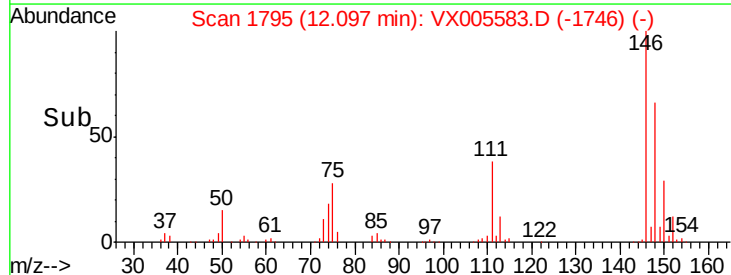
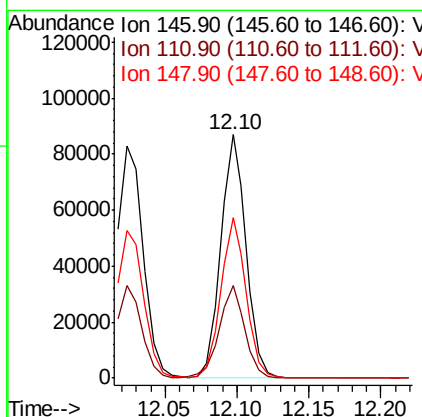
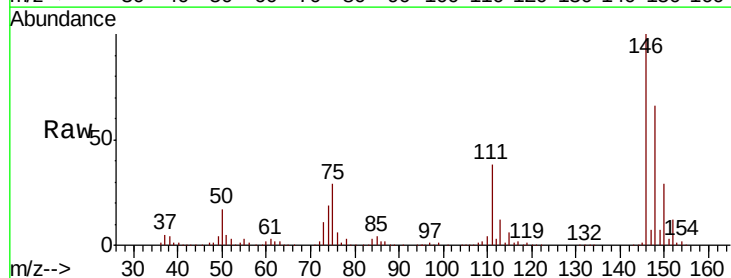
Manual Integrations
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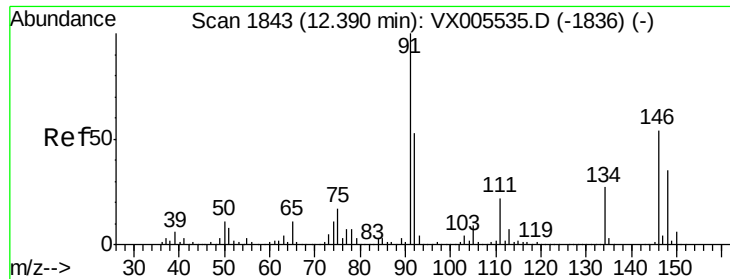
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 10/26/2018 10:02:50 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.764 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.6	55.8
148	66.1	32.1	96.3





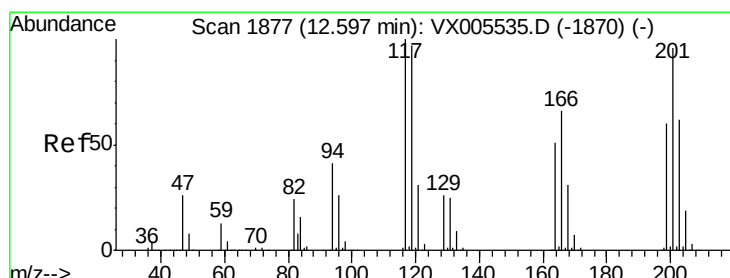
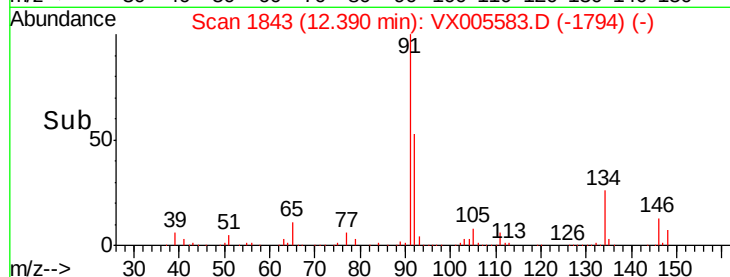
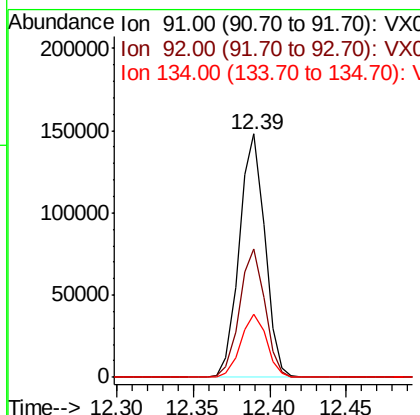
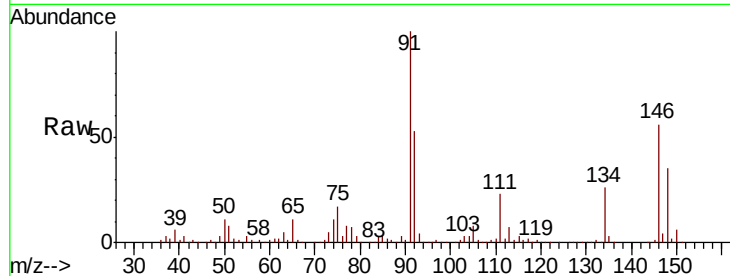
#89
n-Butylbenzene
Concen: 21.201 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.1	78.2
134	26.2	13.1	39.3

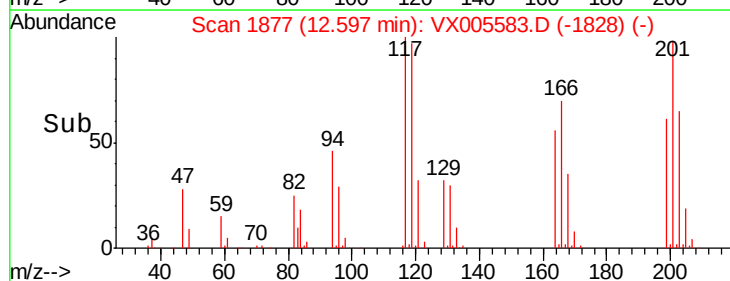
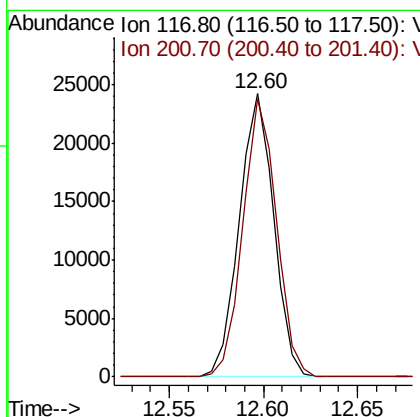
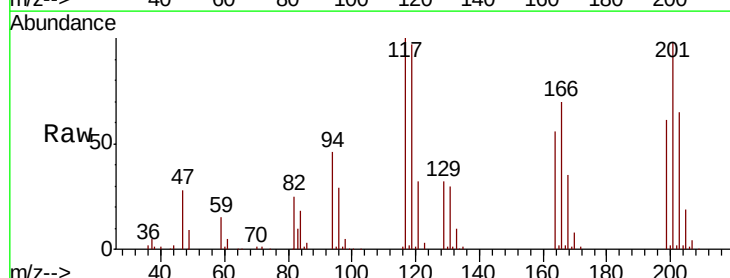
Manual Integrations
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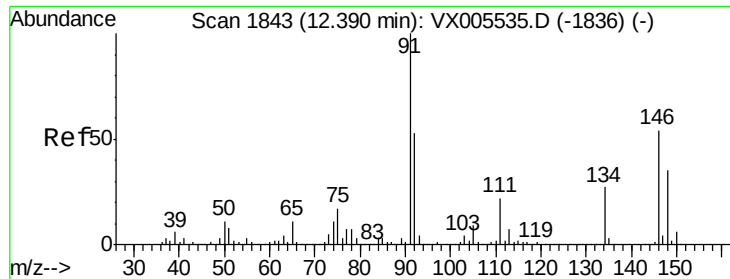
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#90
Hexachloroethane
Concen: 19.804 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.9	47.9	143.6





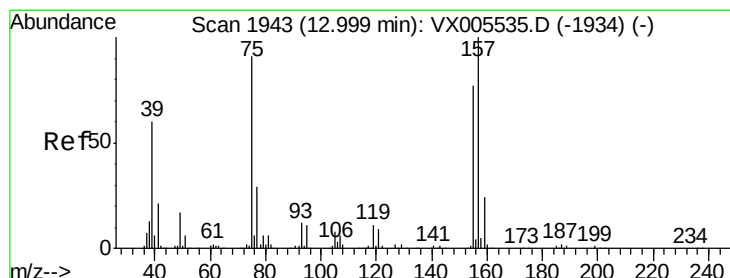
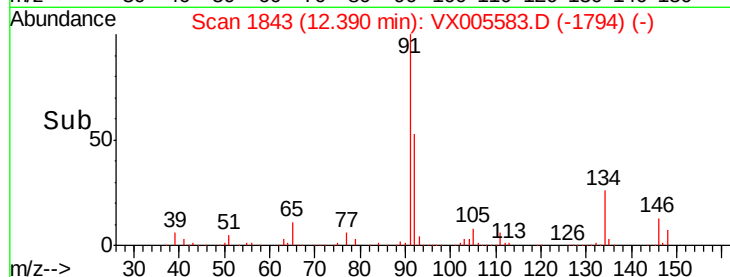
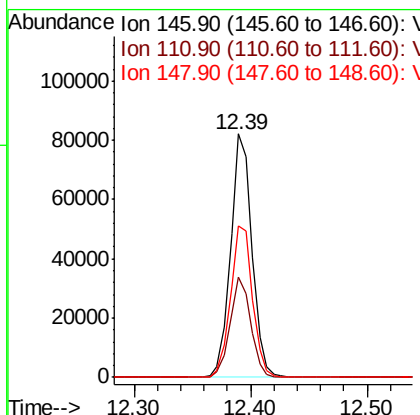
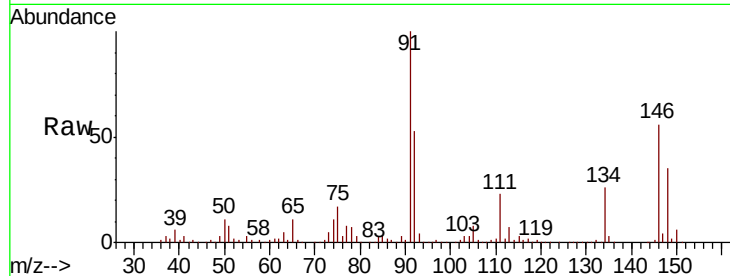
#91
 1,2-Dichlorobenzene
 Concen: 19.935 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	59.9
148	64.3	32.2	96.6

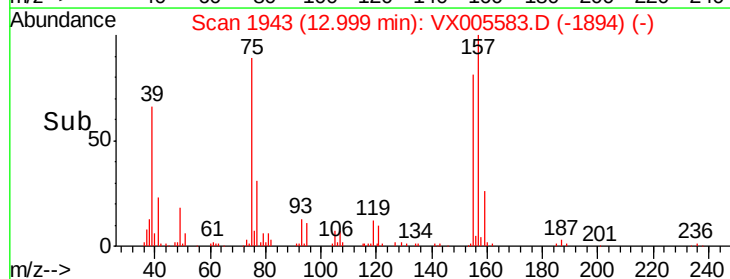
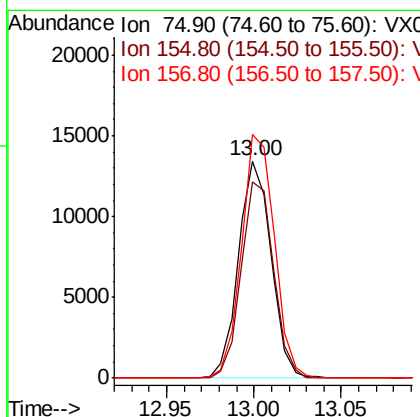
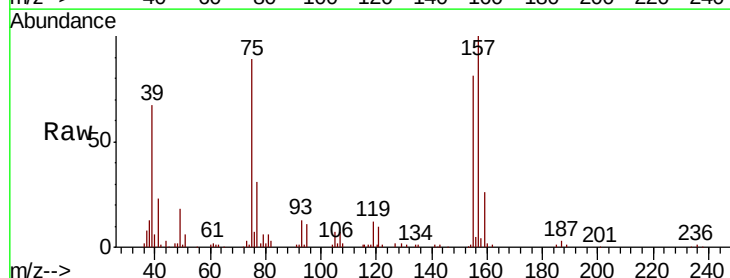
Manual Integrations
 APPROVED

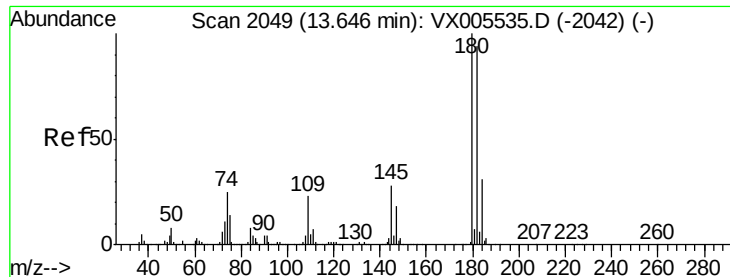
MMDadoda
 10/26/2018 10:02:50 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.718 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005583.D
 Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.9	45.4	136.1
157	113.5	57.4	172.0





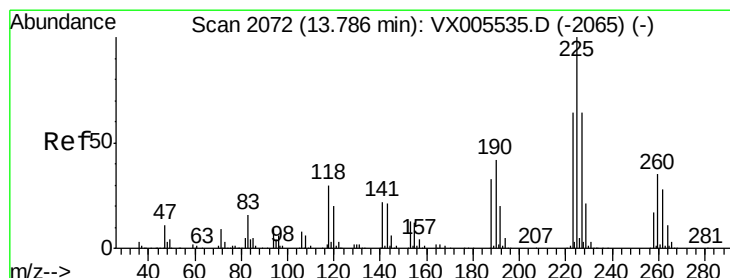
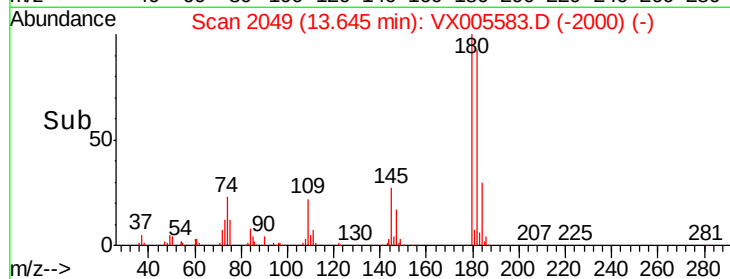
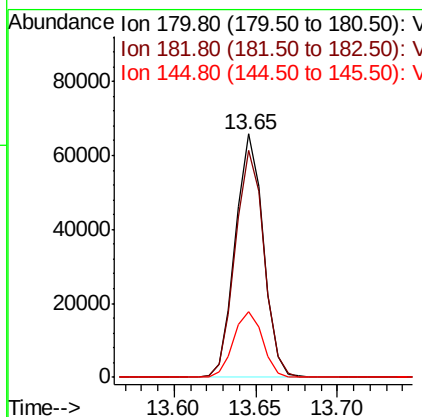
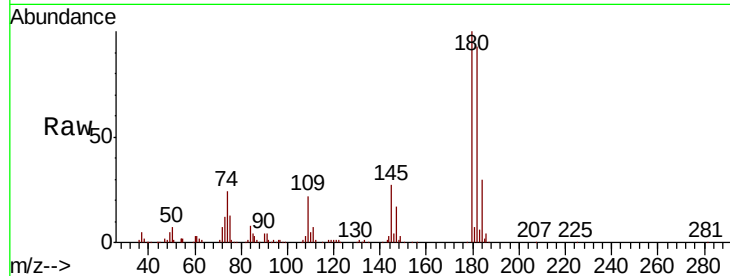
#93
1,2,4-Trichlorobenzene
Concen: 20.735 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	78775		
182	95.4	47.6	142.8	
145	27.9	14.1	42.2	

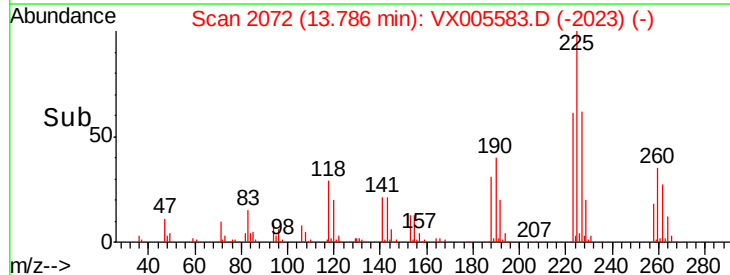
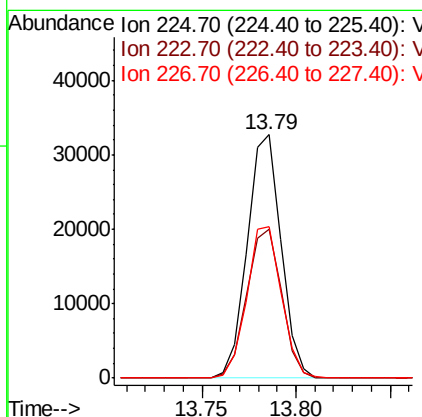
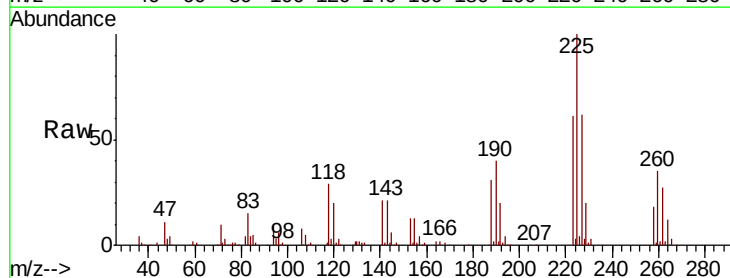
Manual Integrations
APPROVED

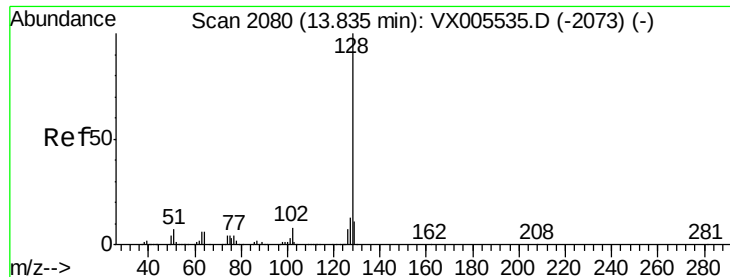
MMDadoda
10/26/2018 10:02:50 AM



#94
Hexachlorobutadiene
Concen: 20.680 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX005583.D
Acq: 25 Oct 2018 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	40715		
223	63.0	31.7	95.1	
227	63.6	32.3	96.9	





#95

Naphthalene

Concen: 21.011 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Instrument :

MSVOA_X

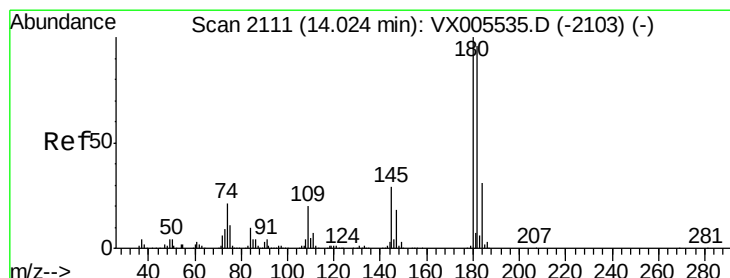
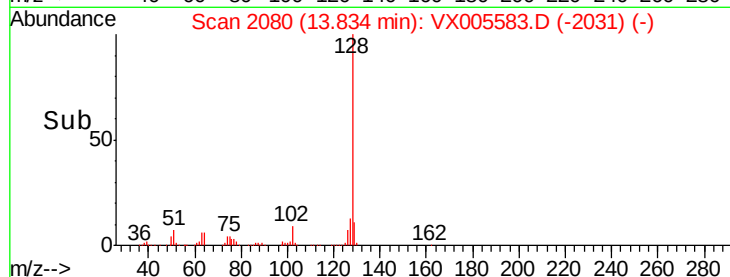
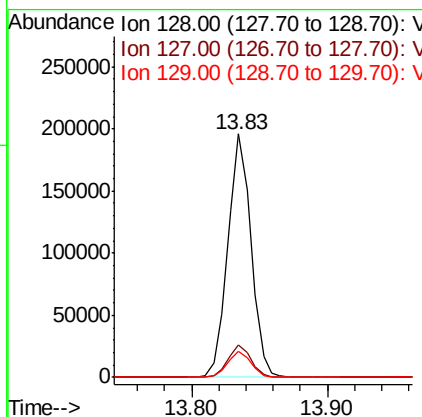
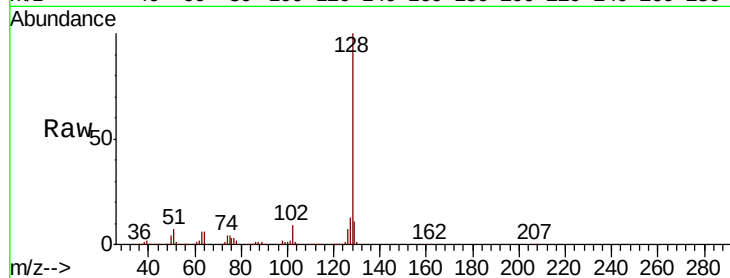
ClientSampleId :

VX1025WBS01

Tot Ion:	128	Resp:	232034
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/26/2018 10:02:50 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.855 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005583.D

Acq: 25 Oct 2018 12:30

Tgt Ion:	180	Resp:	80317
Ion Ratio	Lower	Upper	
180	100		
182	95.0	48.0	144.2
145	29.9	15.1	45.3

