

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072118\
 Data File : VX003545.D
 Acq On : 21 Jul 2018 10:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 3:19:07 PM

Quant Time: Jul 23 01:45:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	336559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	429802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	412255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	255962	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	201419	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.12%		
35) Dibromofluoromethane	5.49	113	186122	56.85	ug/l	-0.01
Spiked Amount 50.000			Recovery =	113.70%		
50) Toluene-d8	8.72	98	652900	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.12%		
62) 4-Bromofluorobenzene	11.14	95	237891	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.96%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	156342	58.637	ug/l	92
3) Chloromethane	1.32	50	198744	60.250	ug/l	97
4) Vinyl Chloride	1.40	62	228319	53.402	ug/l	97
5) Bromomethane	1.64	94	123158	73.581	ug/l	90
6) Chloroethane	1.72	64	144065	56.943	ug/l	98
7) Trichlorofluoromethane	1.93	101	313133	54.896	ug/l	95
8) Diethyl Ether	2.19	74	128575	52.483	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	202620	54.273	ug/l	95
10) Methyl Iodide	2.51	142	262935	58.627	ug/l	93
11) Tert butyl alcohol	3.06	59	197540	250.577	ug/l	99
12) 1,1-Dichloroethene	2.37	96	185367	53.925	ug/l #	78
13) Acrolein	2.29	56	82488	231.582	ug/l	97
14) Allyl chloride	2.73	41	350318	57.569	ug/l	87
15) Acrylonitrile	3.15	53	532933	265.527	ug/l	95
16) Acetone	2.45	43	523076	347.595	ug/l	97
17) Carbon Disulfide	2.57	76	511872	55.061	ug/l	99
18) Methyl Acetate	2.78	43	261389	55.098	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	626161	55.783	ug/l	97
20) Methylene Chloride	2.86	84	211620	57.645	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	204902	53.573	ug/l #	80
22) Diisopropyl ether	3.87	45	654691	57.176	ug/l	95
23) Vinyl Acetate	3.82	43	2699913	286.253	ug/l	96
24) 1,1-Dichloroethane	3.69	63	371527	55.302	ug/l	99
25) 2-Butanone	4.70	43	729676	288.998	ug/l	99
26) 2,2-Dichloropropane	4.59	77	298479	58.496	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	226301	53.140	ug/l	97
28) Bromochloromethane	5.02	49	154318	52.552	ug/l	90
29) Tetrahydrofuran	5.15	42	422592	253.369	ug/l	91
30) Chloroform	5.21	83	361347	55.081	ug/l	99
31) Cyclohexane	5.57	56	323669	53.921	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	312077	55.552	ug/l	98
36) 1,1-Dichloropropene	5.80	75	279473	60.226	ug/l	99
37) Ethyl Acetate	4.86	43	258176	58.795	ug/l	96
38) Carbon Tetrachloride	5.78	117	282872	62.146	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	304312	55.368	ug/l	95
40) Benzene	6.14	78	804578	57.426	ug/l	99
41) Methacrylonitrile	5.06	41	150705	58.395	ug/l	92
42) 1,2-Dichloroethane	6.19	62	267449	60.586	ug/l	96
43) Isopropyl Acetate	6.46	43	375278	53.725	ug/l	94
44) Trichloroethene	7.21	130	223496	53.490	ug/l	99
45) 1,2-Dichloropropane	7.52	63	194703	54.729	ug/l	99
46) Dibromomethane	7.67	93	124719	54.454	ug/l	96
47) Bromodichloromethane	7.90	83	241079	57.497	ug/l	97
48) Methyl methacrylate	7.77	41	195222	55.421	ug/l	86
49) 1,4-Dioxane	7.76	88	76680	960.735	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1207293	273.585	ug/l	92
52) Toluene	8.79	92	484410	54.928	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	301872	58.493	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	272821	58.784	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	191149	54.469	ug/l	98
56) Ethyl methacrylate	9.18	69	279499	56.546	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	310717	54.775	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	731007	304.146	ug/l	98
59) 2-Hexanone	9.50	43	973435	297.725	ug/l	90
60) Dibromochloromethane	9.59	129	198261	57.077	ug/l	99
61) 1,2-Dibromoethane	9.68	107	197619	54.323	ug/l	99
64) Tetrachloroethene	9.34	164	265583	52.875	ug/l	96
65) Chlorobenzene	10.14	112	553717	52.130	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	198321	54.267	ug/l	99
67) Ethyl Benzene	10.26	91	937033	54.867	ug/l	100
68) m/p-Xylenes	10.36	106	732799	109.448	ug/l	96
69) o-Xylene	10.70	106	351470	54.286	ug/l	96
70) Styrene	10.71	104	593907	55.767	ug/l	97
71) Bromoform	10.86	173	155775	54.860	ug/l	99
73) Isopropylbenzene	11.02	105	935125	52.825	ug/l	100
74) N-amyl acetate	6.46	43	375342	49.935	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	257632	49.664	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	241233m	52.461	ug/l	
77) Bromobenzene	11.26	156	257879	50.650	ug/l	97
78) n-propylbenzene	11.36	91	1065451	54.145	ug/l	98
79) 2-Chlorotoluene	11.42	91	629693	52.713	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	795370	54.671	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	80930	49.987	ug/l	85
82) 4-Chlorotoluene	11.51	91	744481	53.187	ug/l	98
83) tert-Butylbenzene	11.77	119	755024	52.994	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	815782	55.107	ug/l	98
85) sec-Butylbenzene	11.95	105	938920	54.257	ug/l	100
86) p-Isopropyltoluene	12.07	119	853694	54.969	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	473172	50.558	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	481520	49.945	ug/l	99
89) n-Butylbenzene	12.39	91	744109	56.425	ug/l	99
90) Hexachloroethane	12.60	117	117171	53.073	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	470600	51.018	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50395	49.919	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	347809	51.448	ug/l	100
94) Hexachlorobutadiene	13.79	225	170628	52.481	ug/l	99
95) Naphthalene	13.83	128	932115	52.472	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	342796	51.223	ug/l	99

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

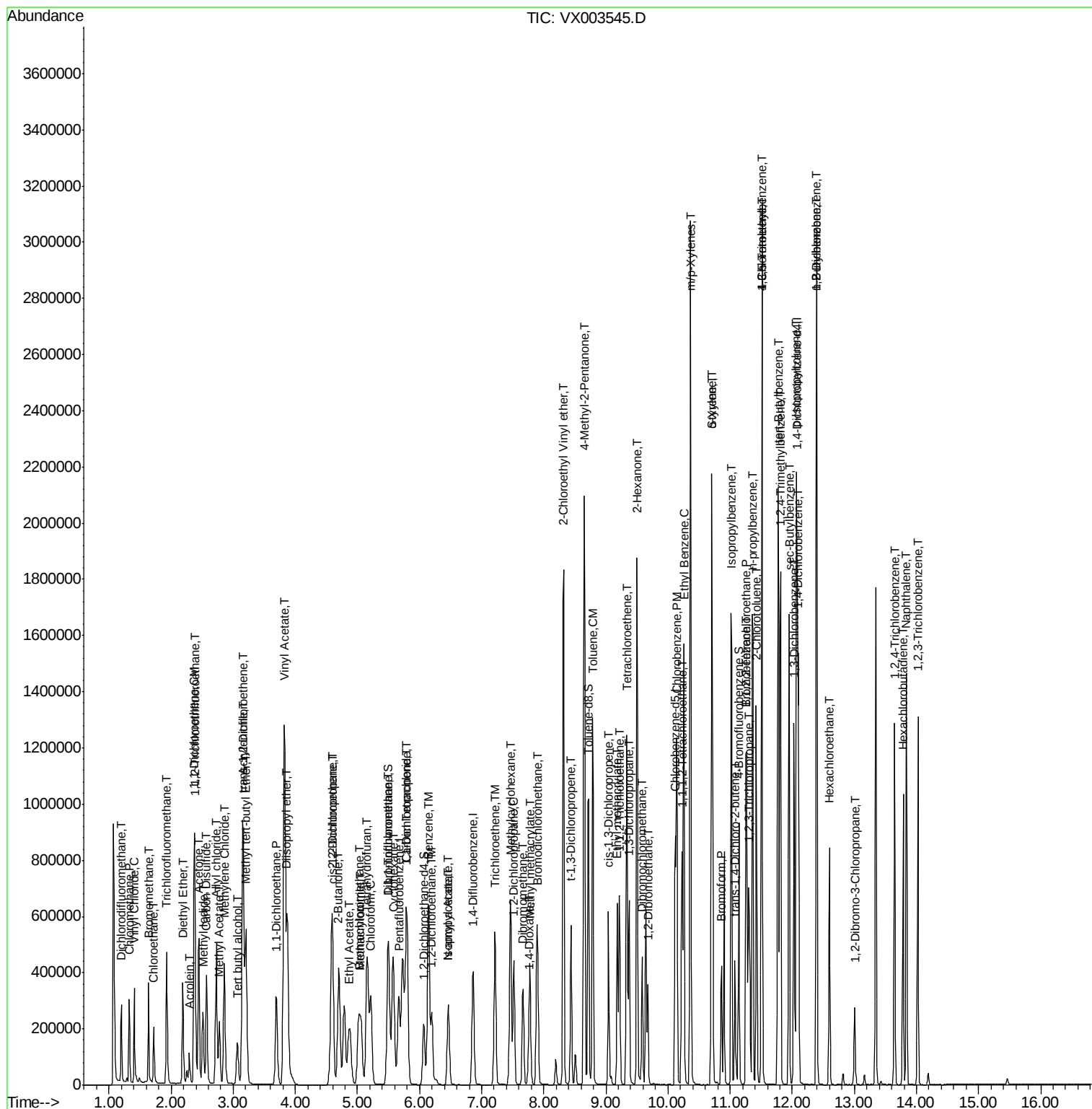
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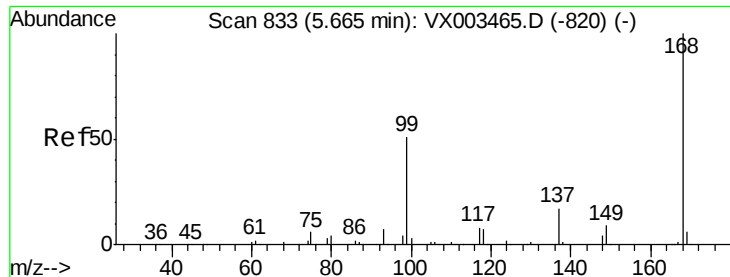
Instrument :
 MSVOA_X
 Client Sample ID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion:168 Resp: 336559

Ion Ratio Lower Upper

168 100

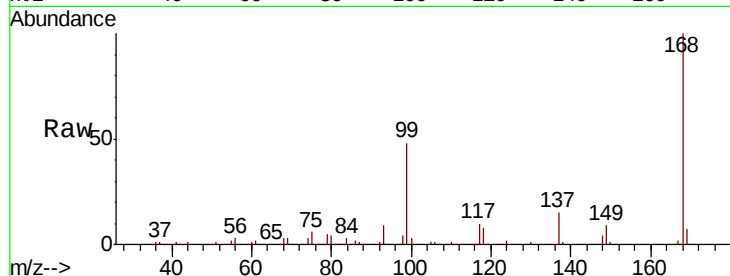
99 48.4 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

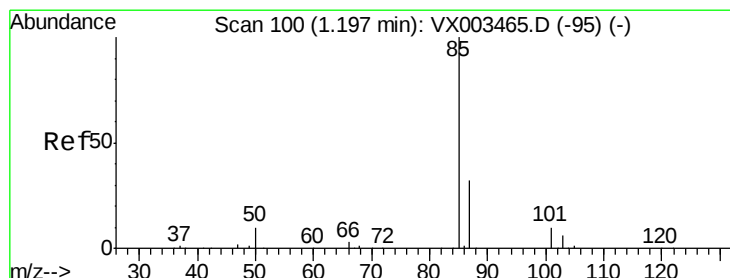
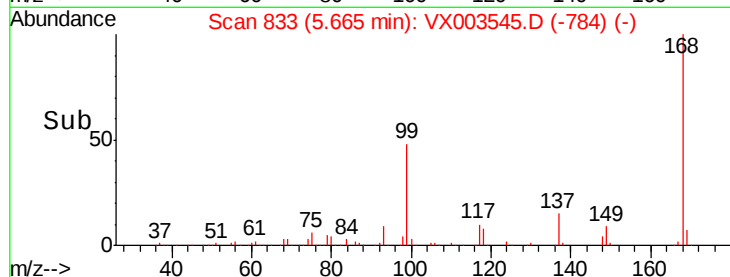
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 58.637 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003545.D

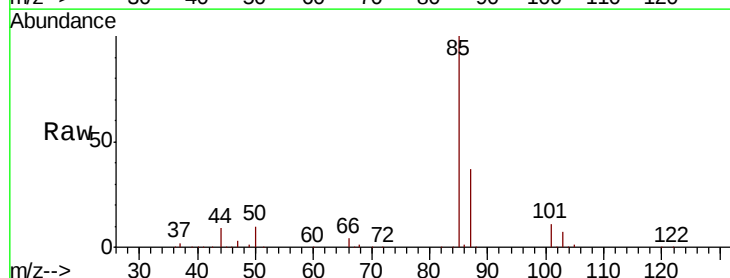
Acq: 21 Jul 2018 10:19

Tgt Ion: 85 Resp: 156342

Ion Ratio Lower Upper

85 100

87 36.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

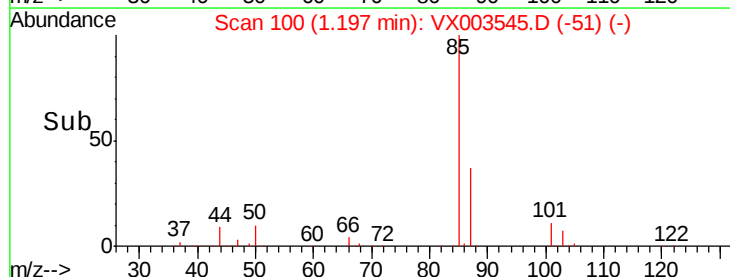
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 60.250 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 198744

Ion Ratio Lower Upper

50 100

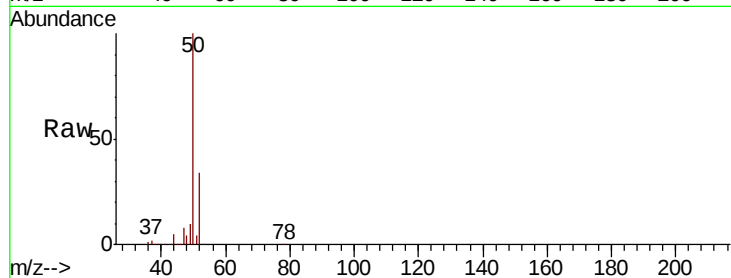
52 33.7 25.7 38.5

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200000

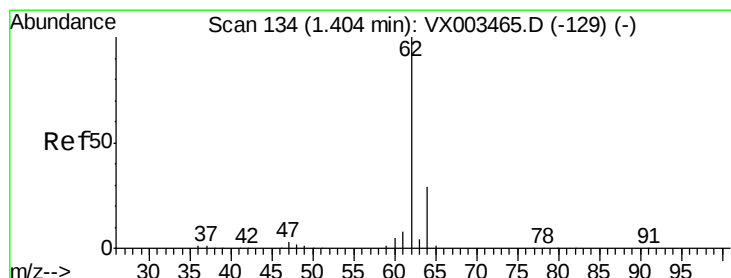
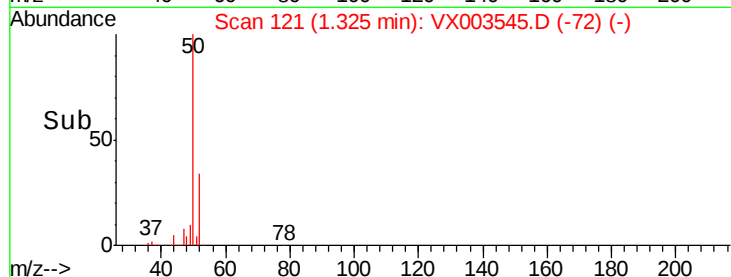
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 53.402 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003545.D

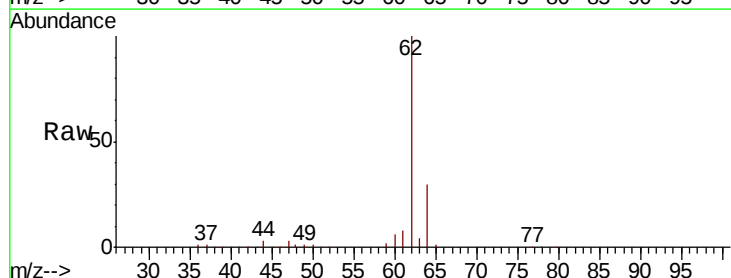
Acq: 21 Jul 2018 10:19

Tgt Ion: 62 Resp: 228319

Ion Ratio Lower Upper

62 100

64 29.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

250000

200000

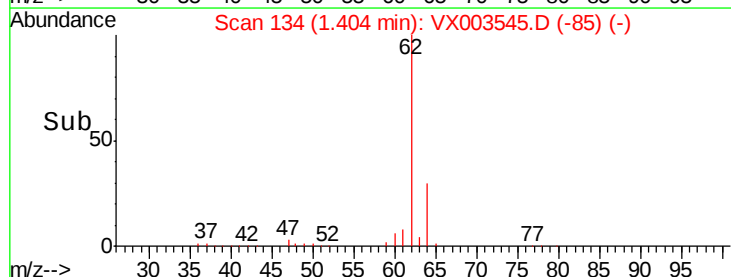
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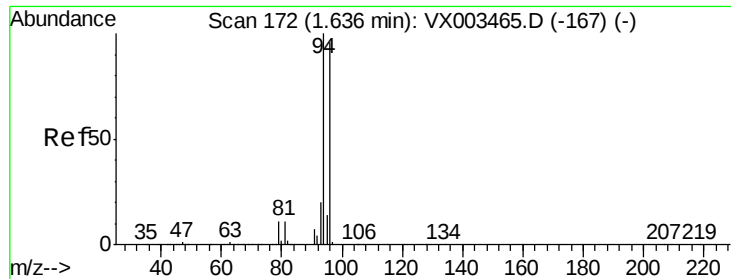
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 73.581 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 94 Resp: 123158

Ion Ratio Lower Upper

94 100

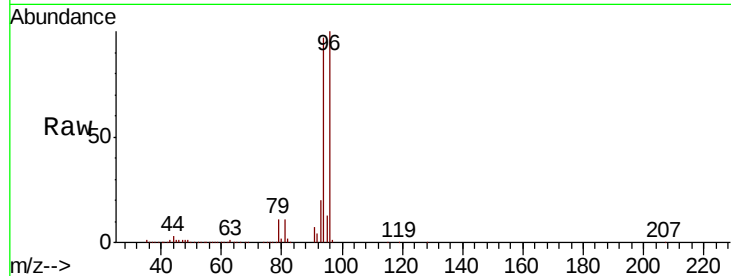
96 103.2 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

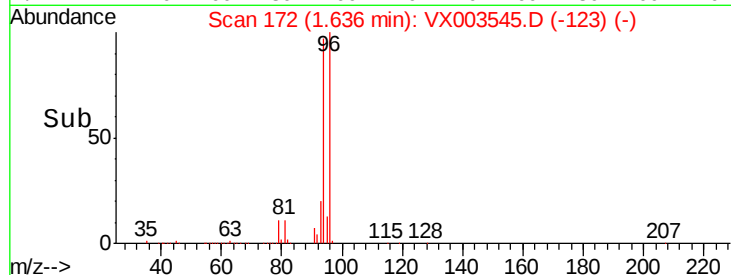
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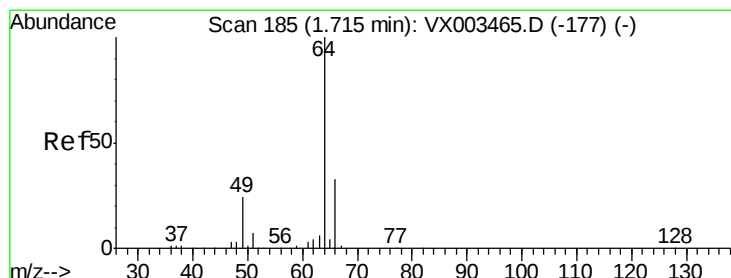
50000

0

Time-->



Time-->



#6

Chloroethane

Concen: 56.943 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003545.D

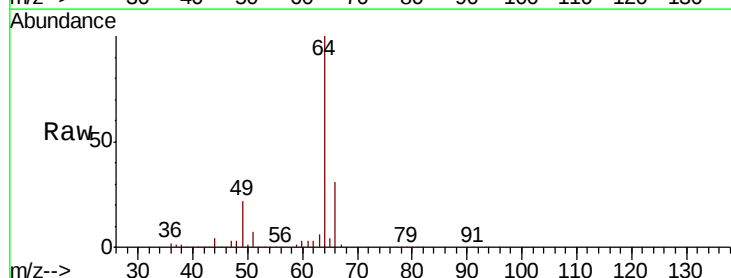
Acq: 21 Jul 2018 10:19

Tgt Ion: 64 Resp: 144065

Ion Ratio Lower Upper

64 100

66 30.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

120000

100000

80000

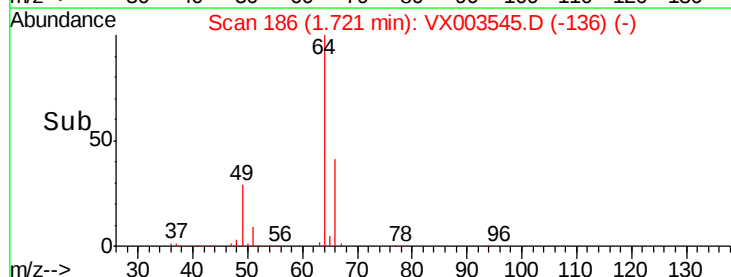
60000

40000

20000

0

Time-->



Time-->



#7

Trichlorofluoromethane

Concen: 54.896 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

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ClientSampleId :

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Tgt Ion: 101 Resp: 313133

Ion Ratio Lower Upper

101 100

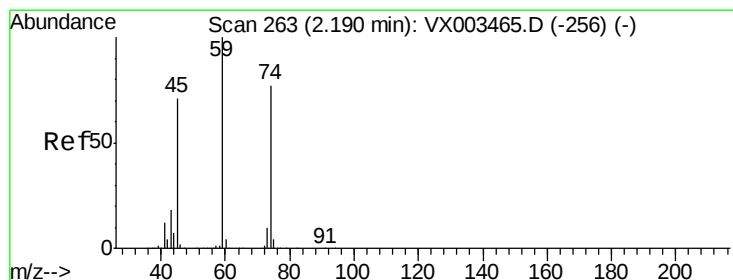
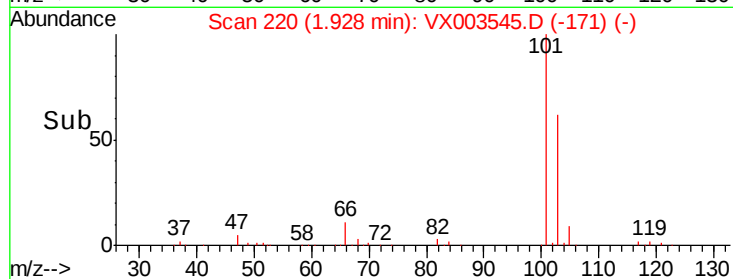
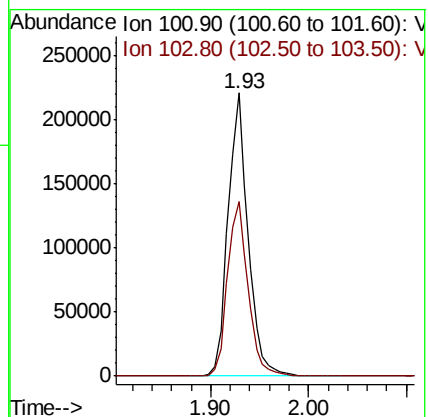
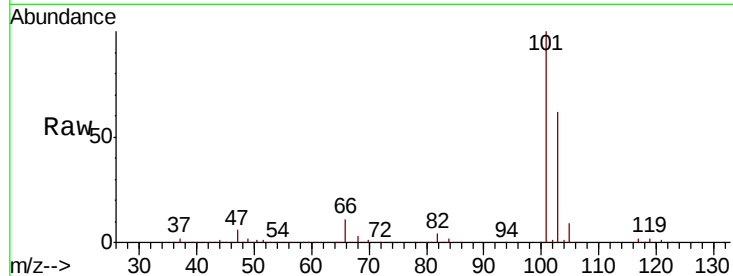
103 61.9 52.8 79.2

Manual Integrations

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#8

Diethyl Ether

Concen: 52.483 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003545.D

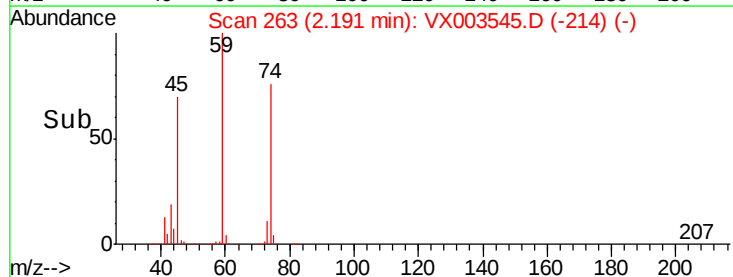
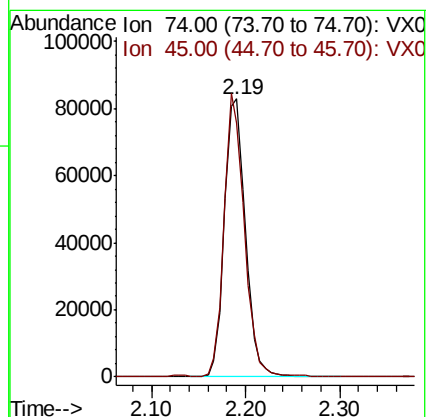
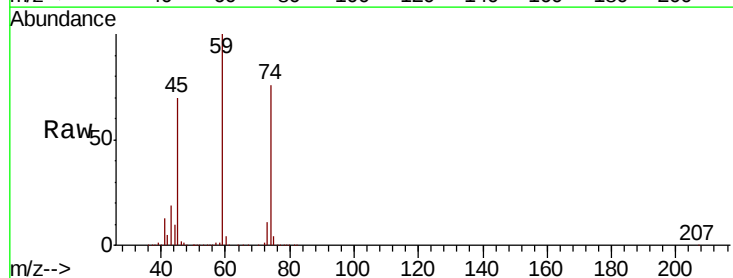
Acq: 21 Jul 2018 10:19

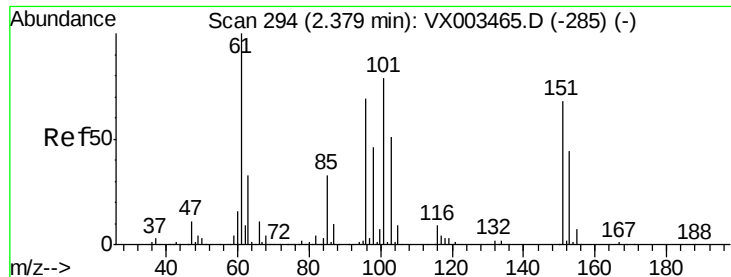
Tgt Ion: 74 Resp: 128575

Ion Ratio Lower Upper

74 100

45 97.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.273 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

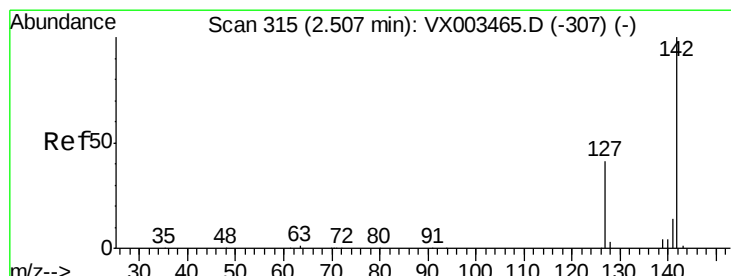
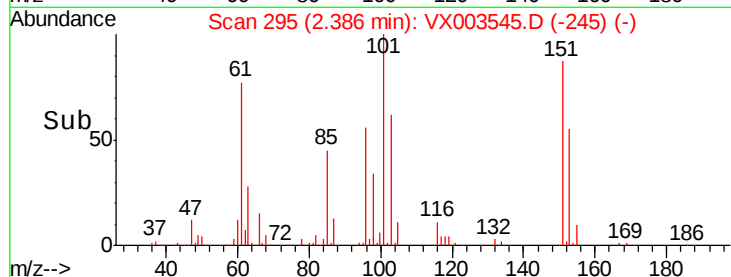
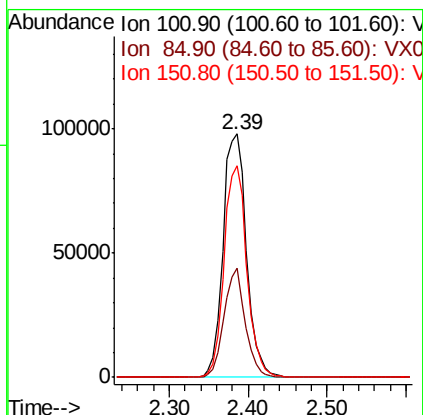
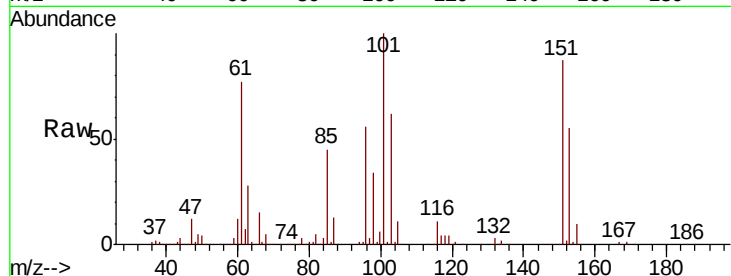
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	202620
Ion Ratio	Lower	Upper	
101	100		
85	40.6	36.0	54.0
151	84.7	70.9	106.3

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#10

Methyl Iodide

Concen: 58.627 ug/l

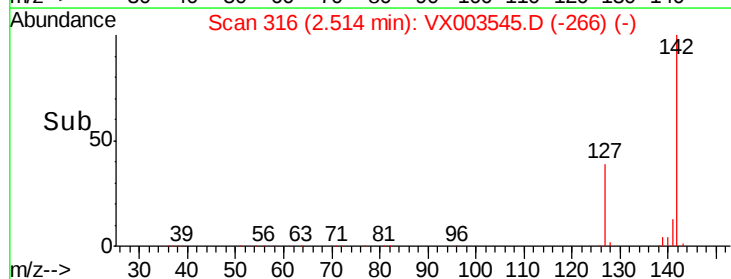
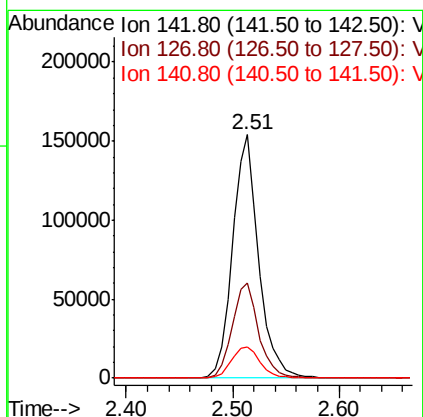
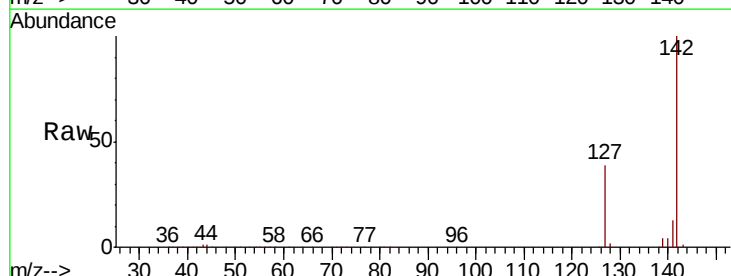
RT: 2.51 min Scan# 316

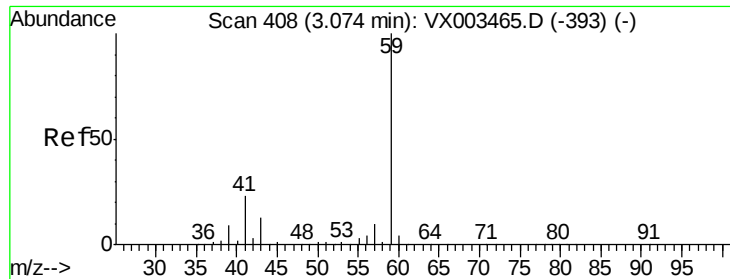
Delta R.T. 0.01 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Tgt Ion:	142	Resp:	262935
Ion Ratio	Lower	Upper	
142	100		
127	40.0	36.6	55.0
141	14.2	11.3	16.9





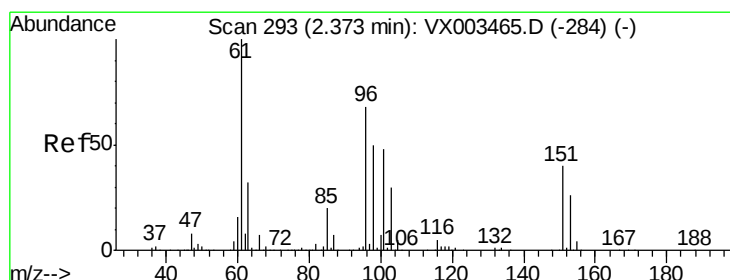
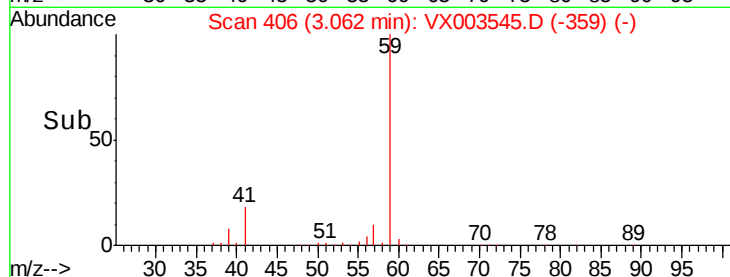
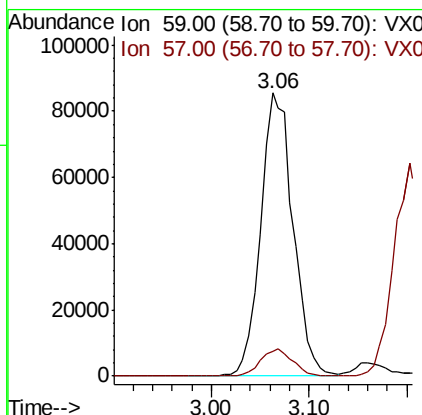
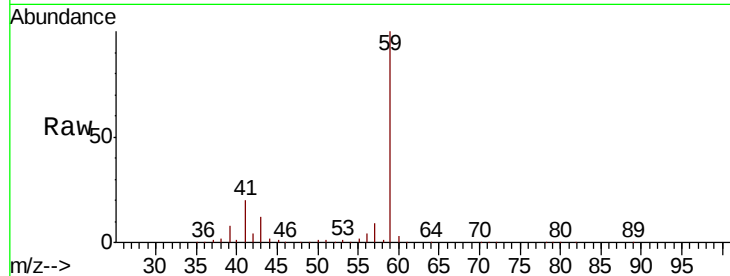
#11
Tert butyl alcohol
Concen: 250.577 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.2	12.2

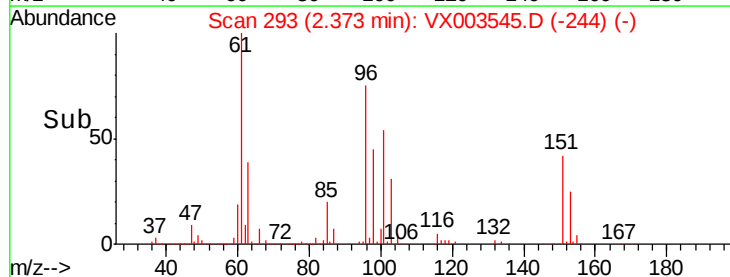
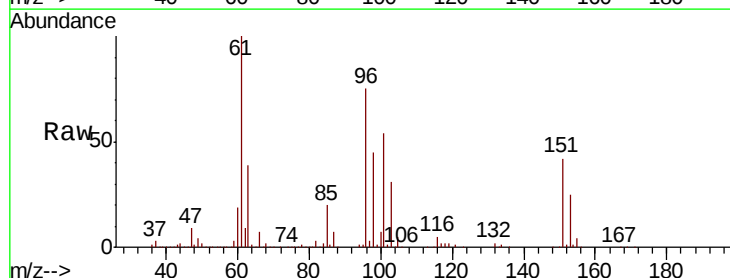
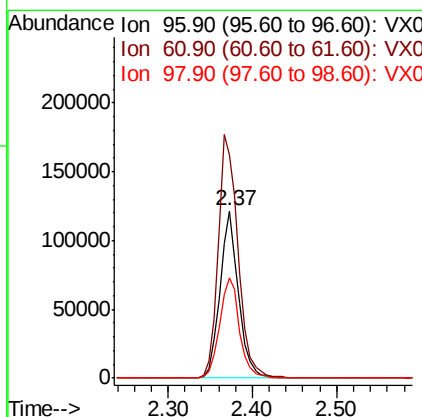
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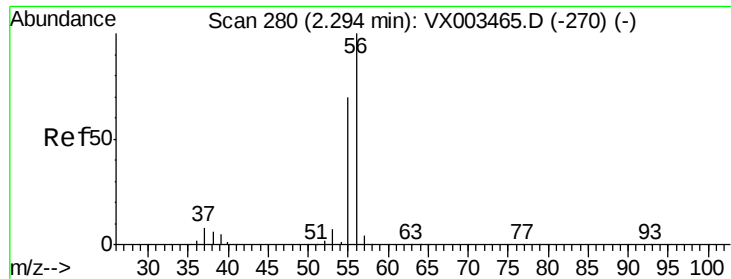
MMDadoda
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#12
1,1-Dichloroethene
Concen: 53.925 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.1	137.9	206.9#
98	60.3	51.6	77.4





#13

Acrolein

Concen: 231.582 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 82488

Ion Ratio Lower Upper

56 100

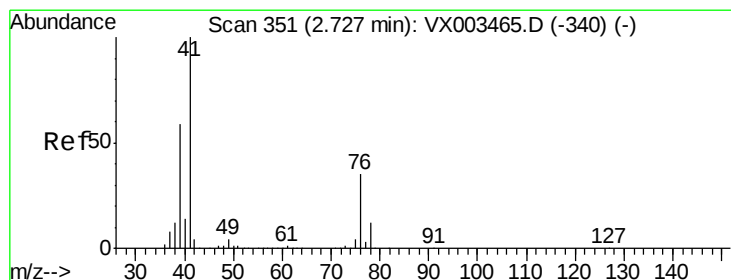
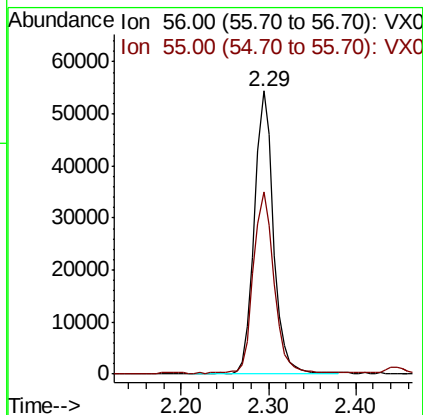
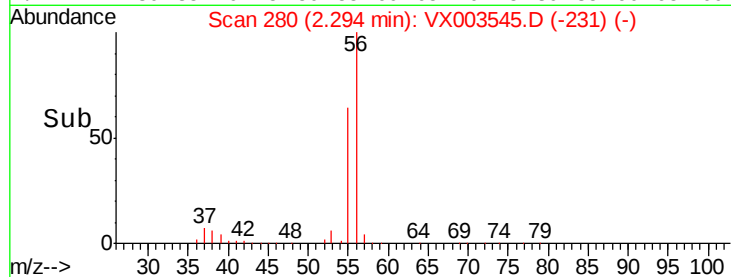
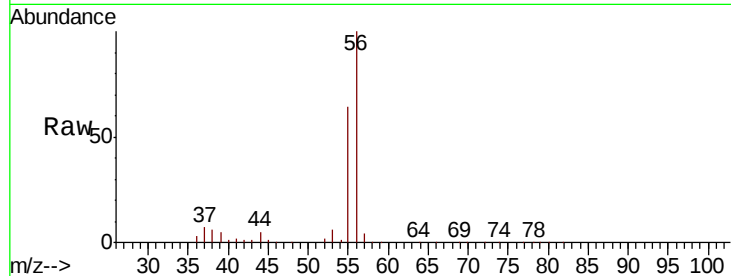
55 69.0 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 57.569 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

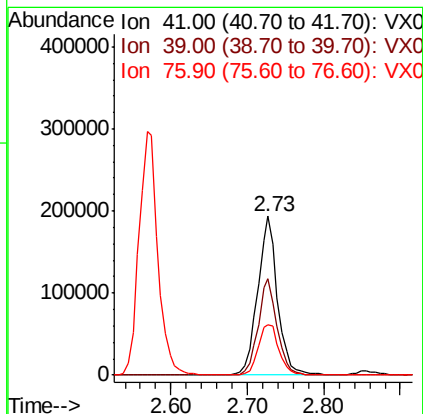
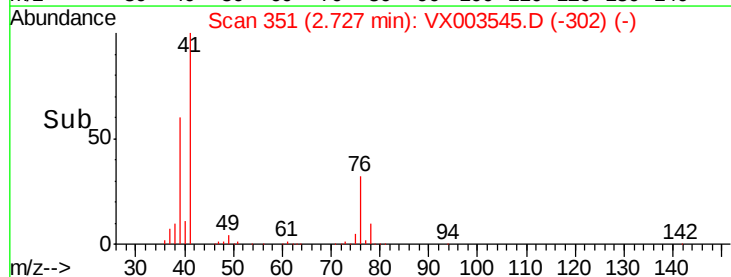
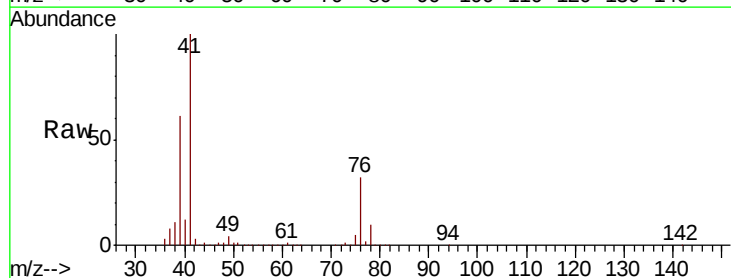
Tgt Ion: 41 Resp: 350318

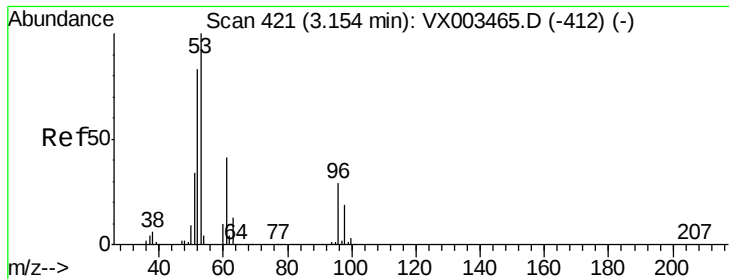
Ion Ratio Lower Upper

41 100

39 57.9 56.8 85.2

76 33.4 23.8 35.8





#15

Acrylonitrile

Concen: 265.527 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

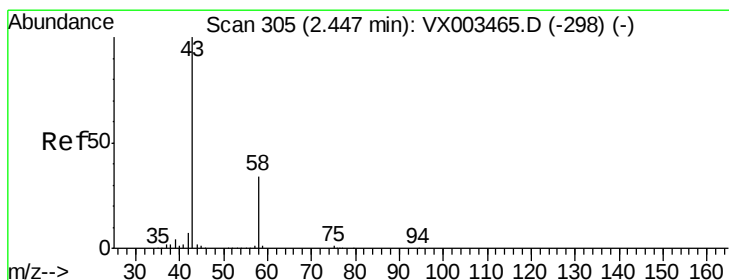
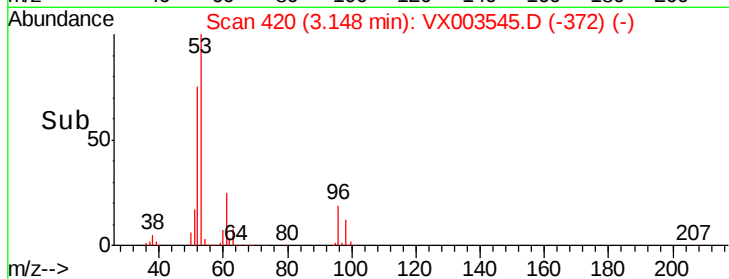
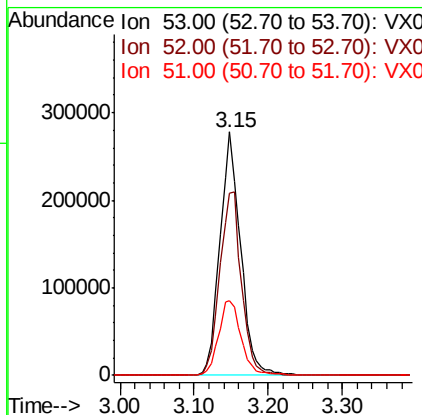
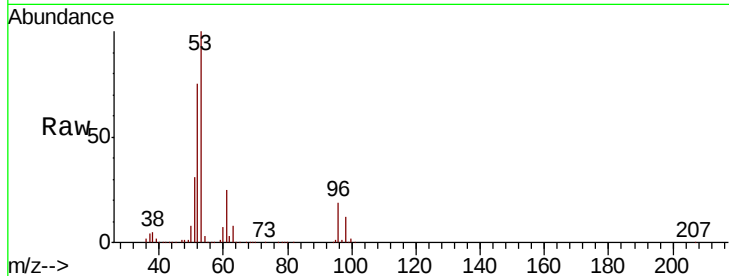
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	532933
Ion Ratio		Lower	Upper
53	100		
52	79.4	66.7	100.1
51	33.6	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 347.595 ug/l

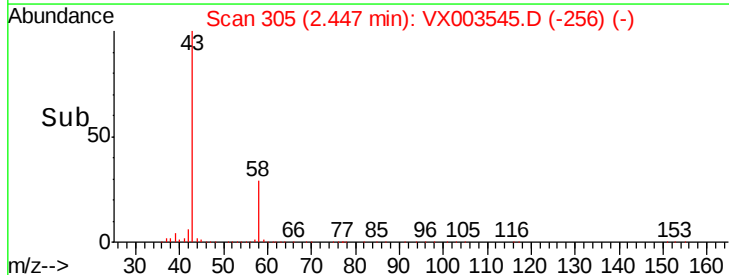
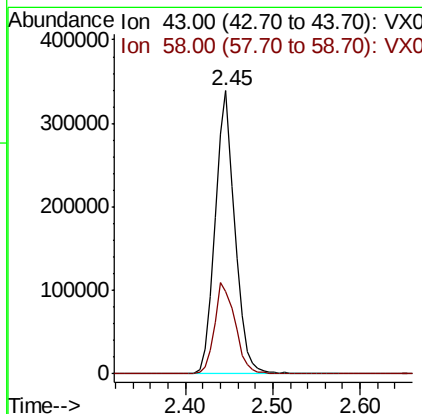
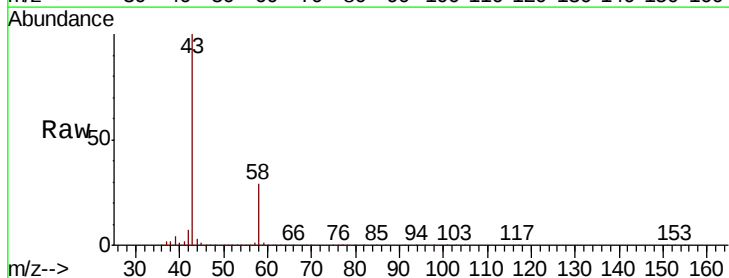
RT: 2.45 min Scan# 305

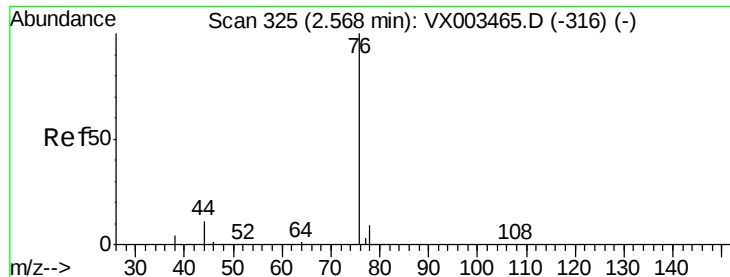
Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Tgt Ion:	43	Resp:	523076
Ion Ratio		Lower	Upper
43	100		
58	29.3	22.1	33.1





#17

Carbon Disulfide

Concen: 55.061 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 511872

Ion Ratio Lower Upper

76 100

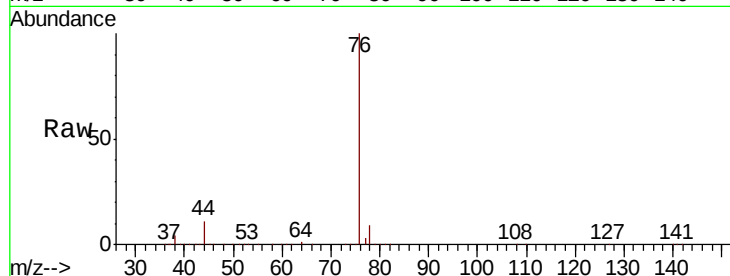
78 8.9 6.9 10.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

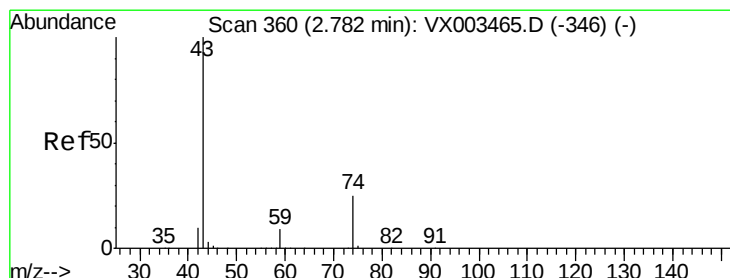
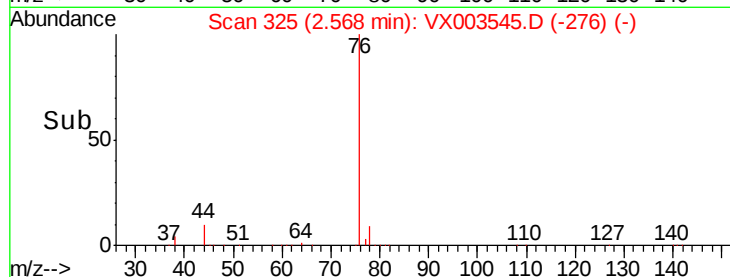
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 55.098 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX003545.D

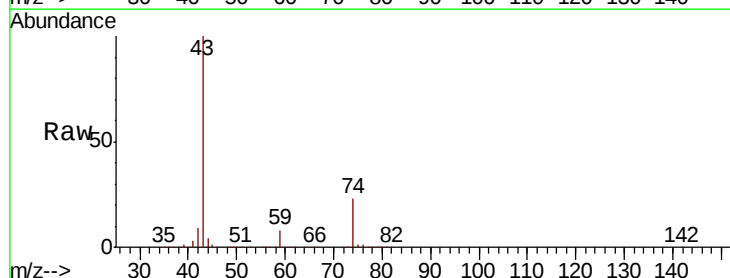
Acq: 21 Jul 2018 10:19

Tgt Ion: 43 Resp: 261389

Ion Ratio Lower Upper

43 100

74 24.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

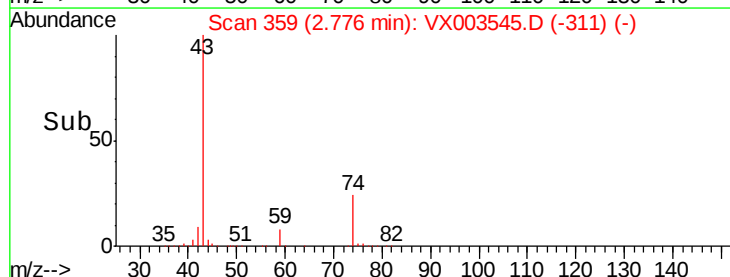
150000

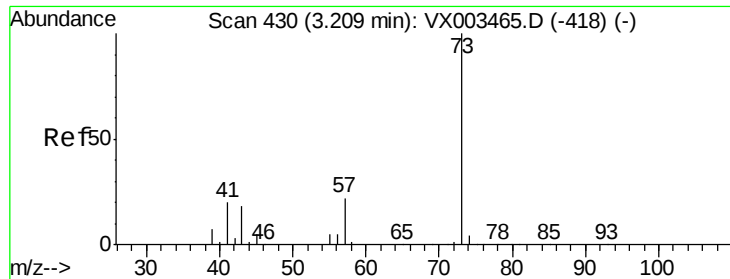
100000

50000

0

Time-->





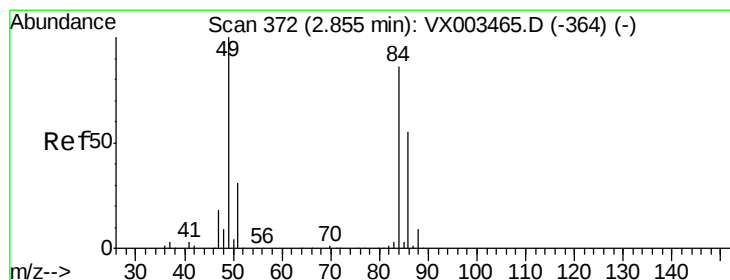
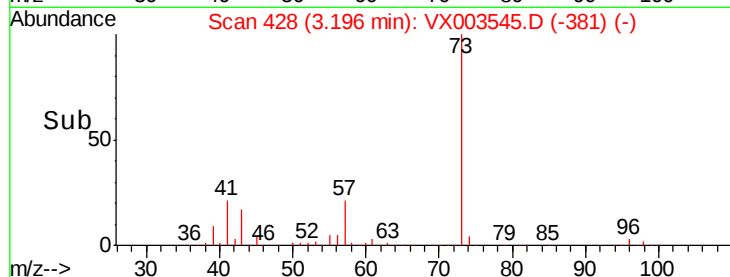
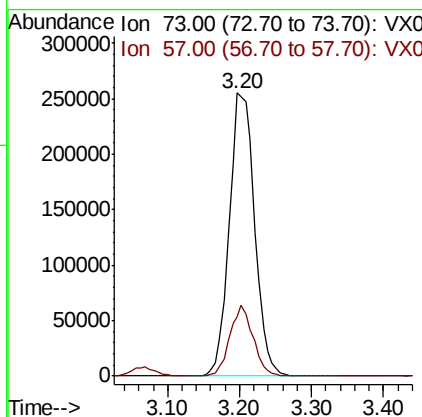
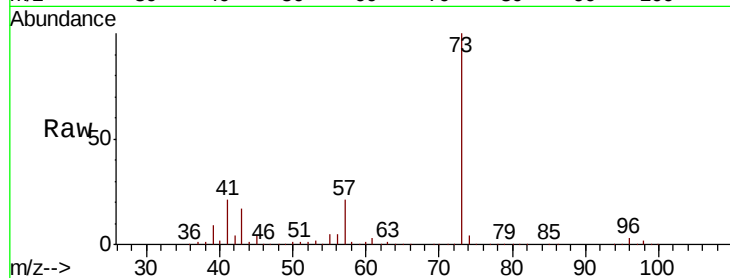
#19
Methyl tert-butyl Ether
Concen: 55.783 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.01 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 626161
Ion Ratio Lower Upper
73 100
57 20.8 17.7 26.5

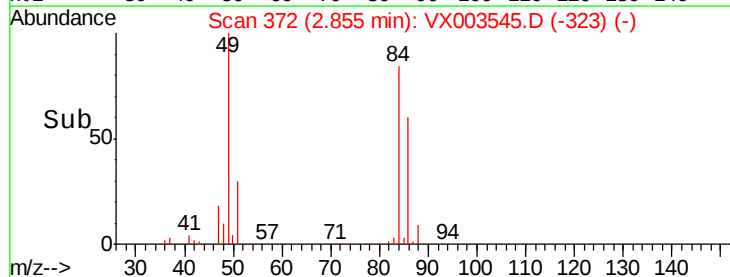
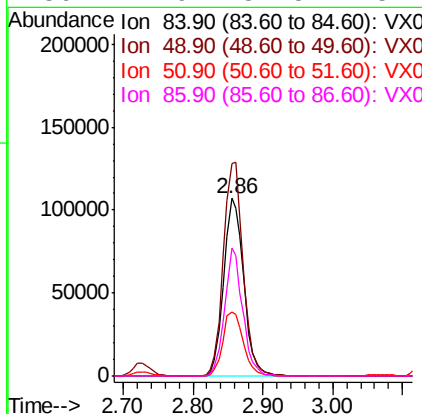
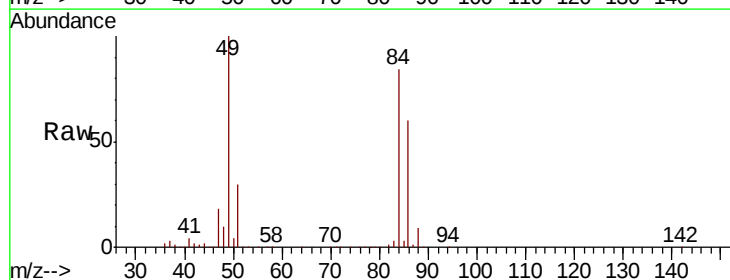
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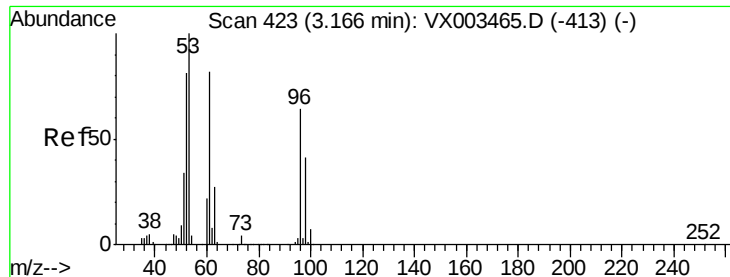
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#20
Methylene Chloride
Concen: 57.645 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion: 84 Resp: 211620
Ion Ratio Lower Upper
84 100
49 119.3 107.8 161.6
51 35.8 32.8 49.2
86 71.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 53.573 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 204902
Ion Ratio Lower Upper

96 100

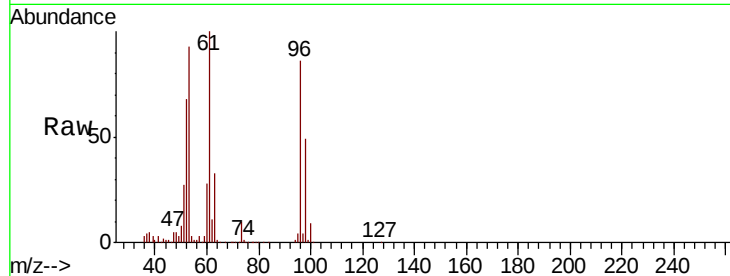
61 116.5 117.0 175.4#

98 57.1 52.4 78.6

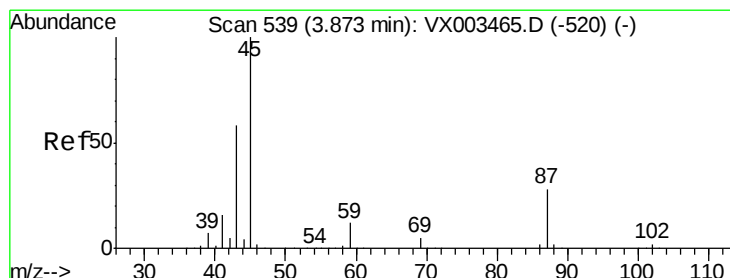
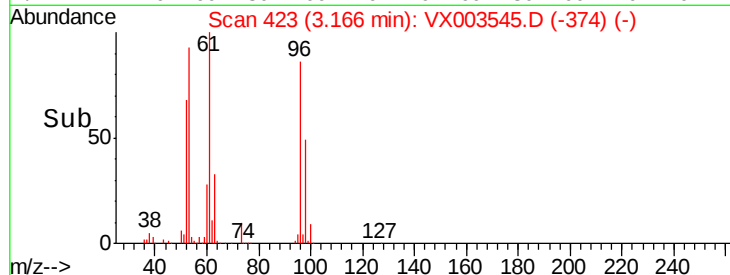
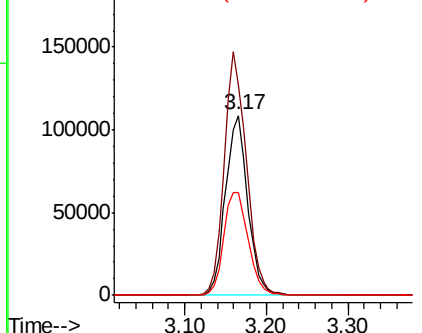
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 57.176 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Tgt Ion: 45 Resp: 654691
Ion Ratio Lower Upper

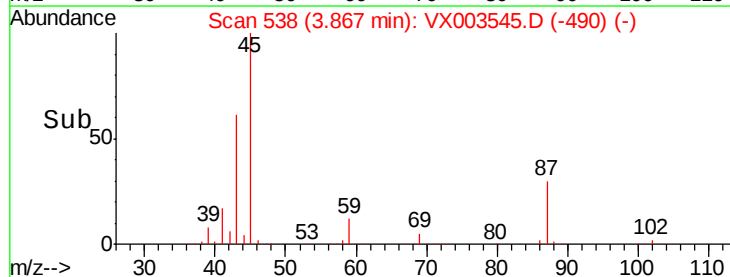
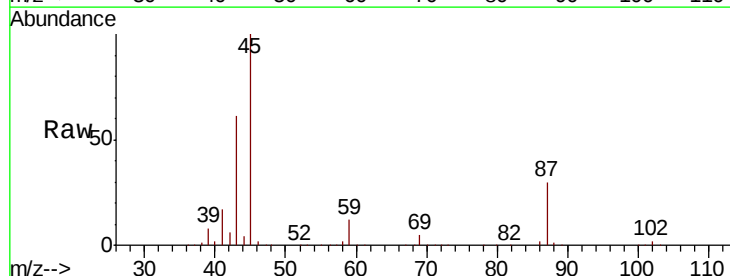
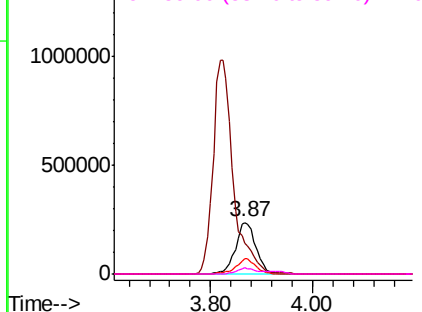
45 100

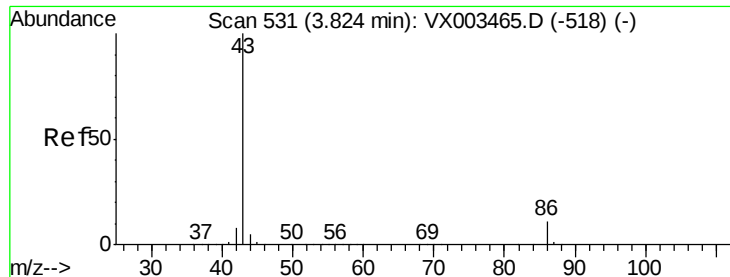
43 61.0 46.8 70.2

87 29.5 20.2 30.4

59 12.3 8.7 13.1

Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 286.253 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2699913

Ion Ratio Lower Upper

43 100

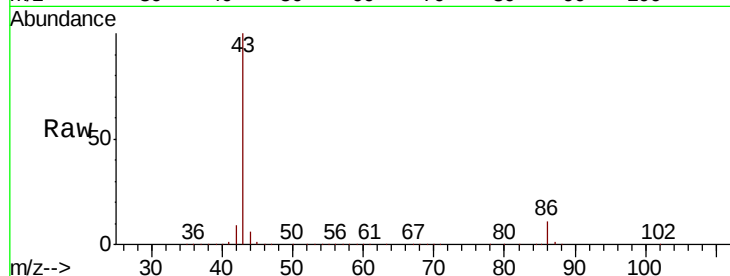
86 10.7 7.4 11.0

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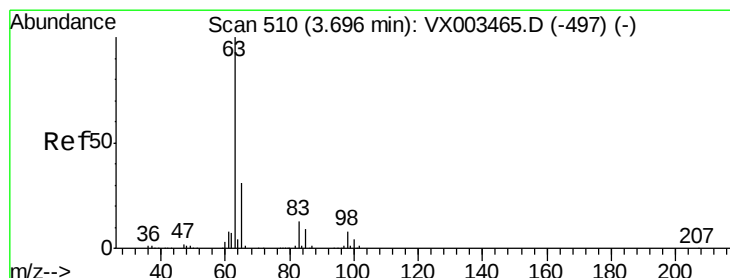
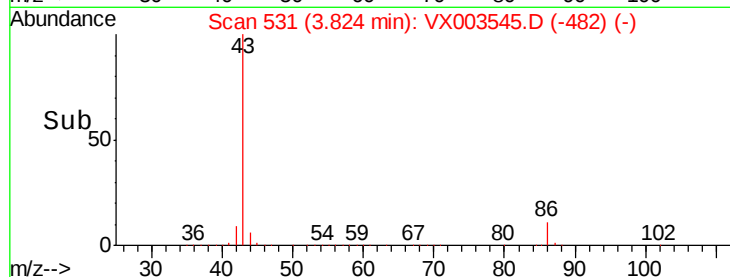
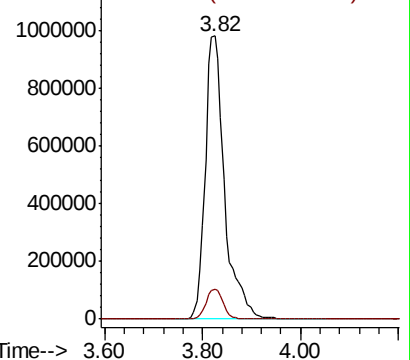
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 55.302 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

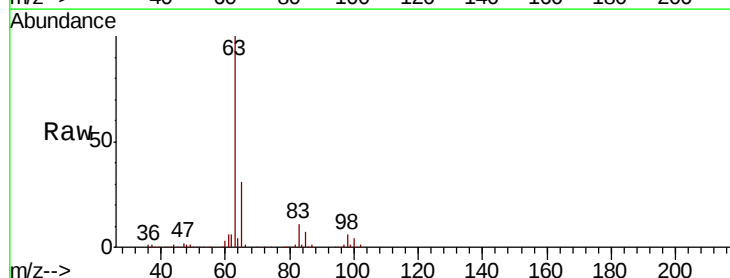
Tgt Ion: 63 Resp: 371527

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

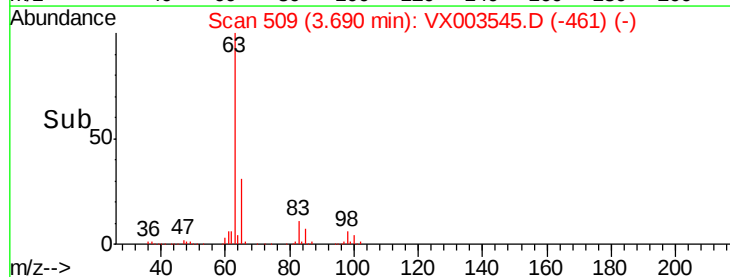
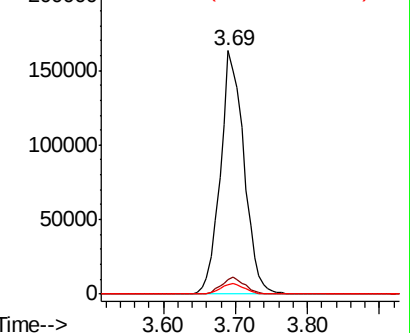
100 3.8 2.0 6.0

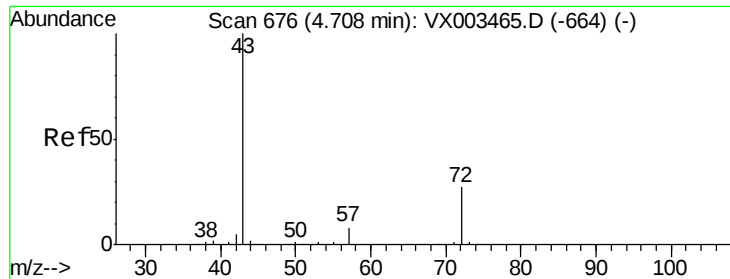


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 288.998 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 729676

Ion Ratio Lower Upper

43 100

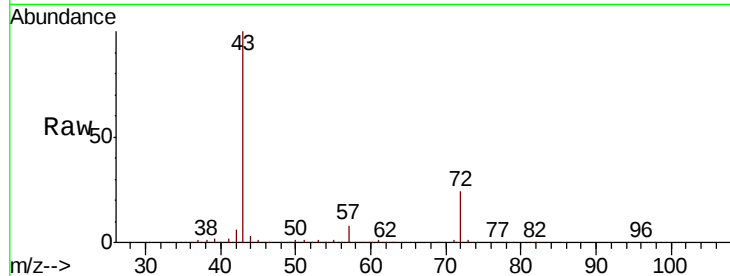
72 23.5 18.5 27.7

Manual Integrations

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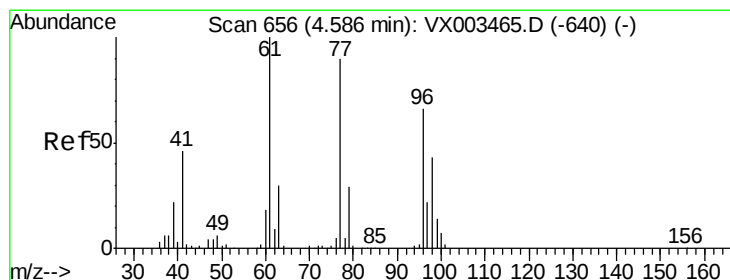
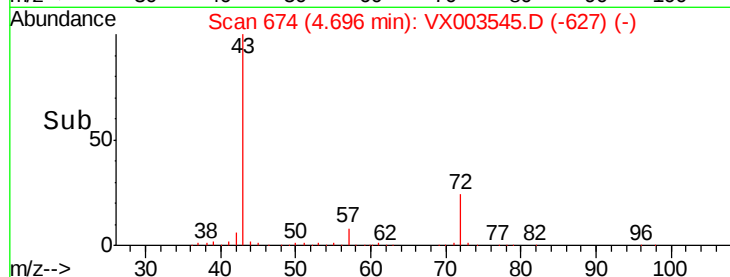
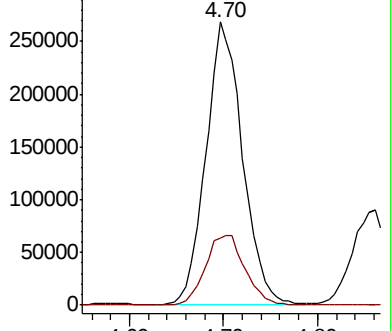
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 58.496 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003545.D

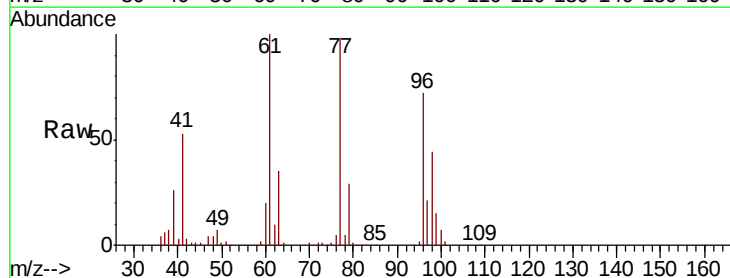
Acq: 21 Jul 2018 10:19

Tgt Ion: 77 Resp: 298479

Ion Ratio Lower Upper

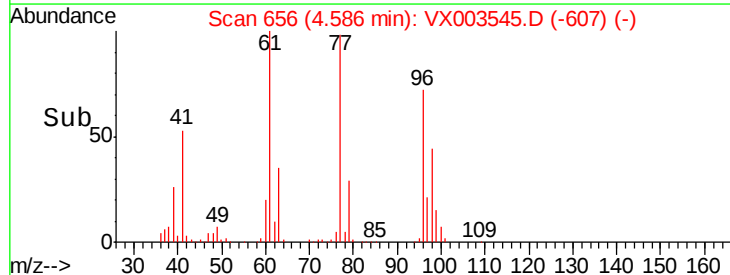
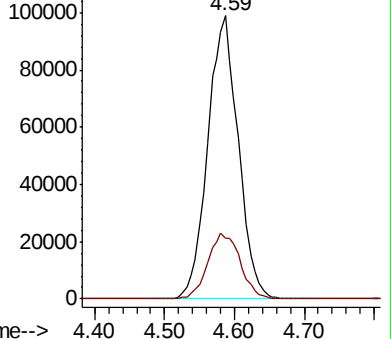
77 100

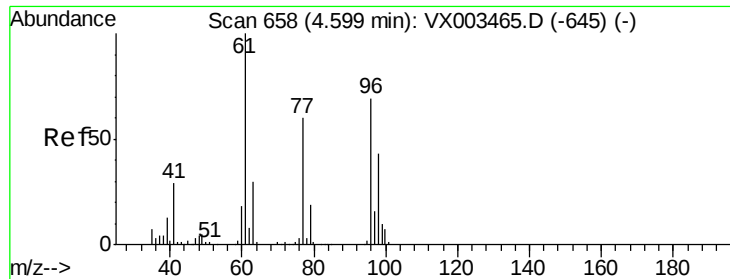
97 24.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

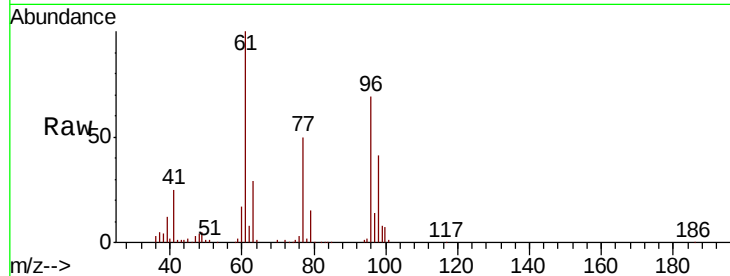
cis-1,2-Dichloroethene
 Concen: 53.140 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

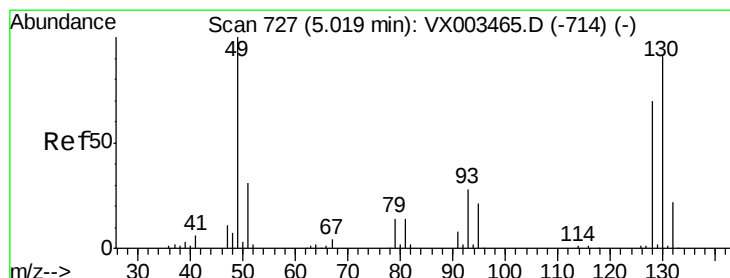
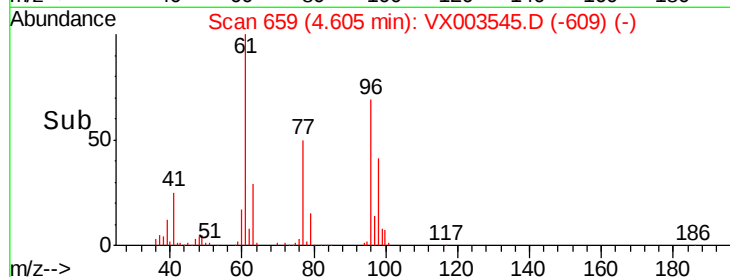
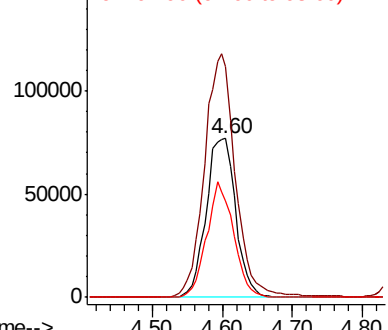
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	226301		
61	160.4	0.0	330.2	
98	65.7	0.0	130.2	

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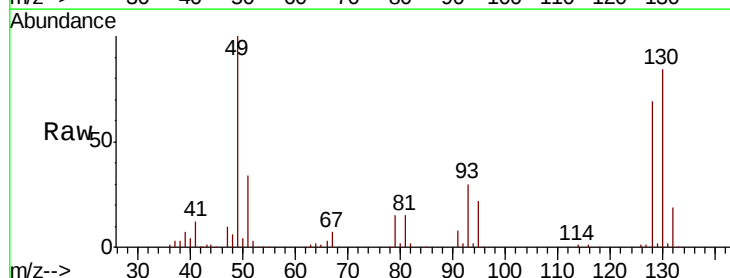
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



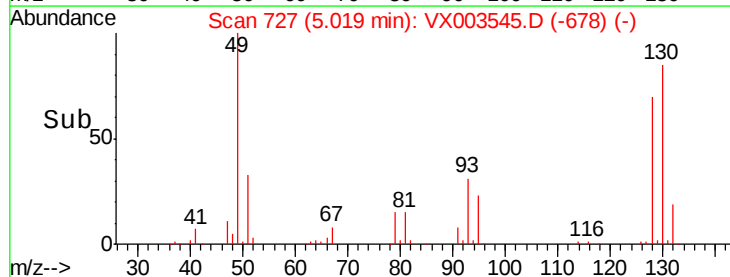
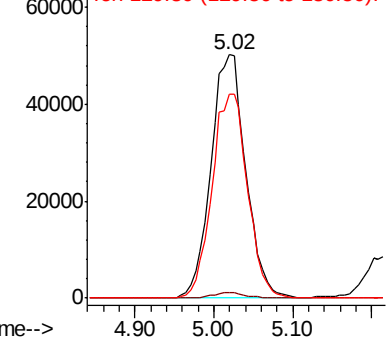
#28

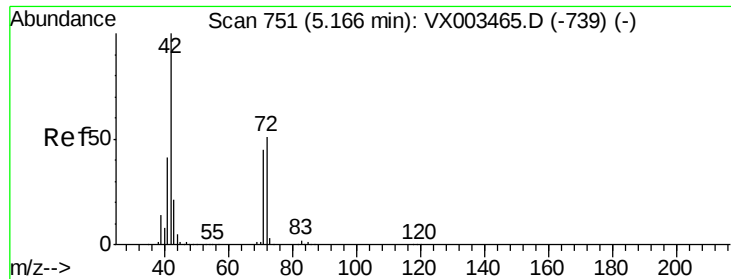
Bromochloromethane
 Concen: 52.552 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	154318		
129	2.2	0.0	4.2	
130	85.2	61.2	91.8	



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





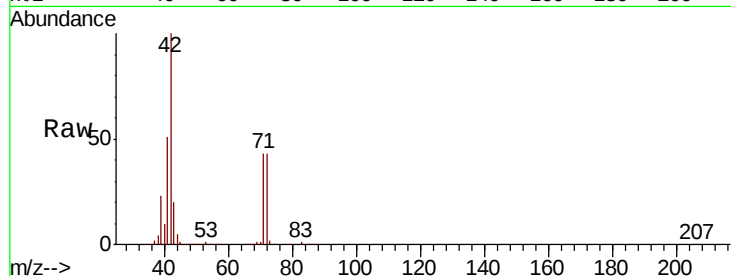
#29
Tetrahydrofuran
Concen: 253.369 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

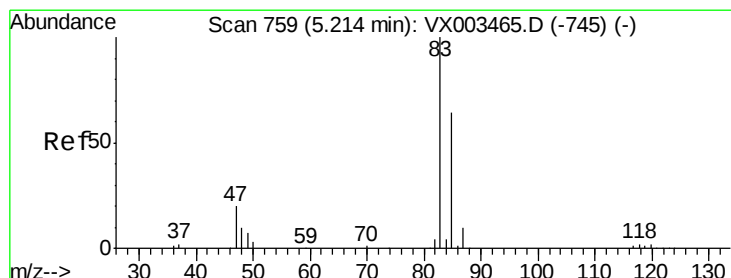
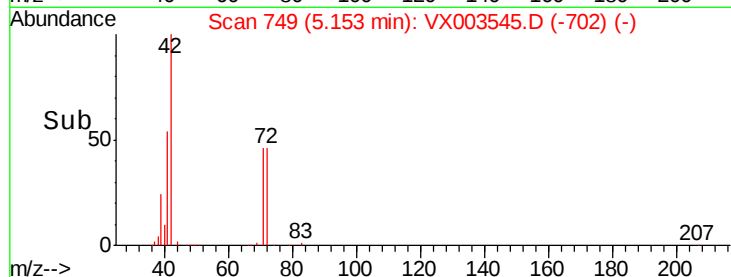
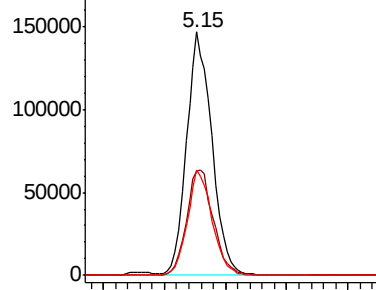
Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.9	32.0	48.0
71	42.3	30.1	45.1

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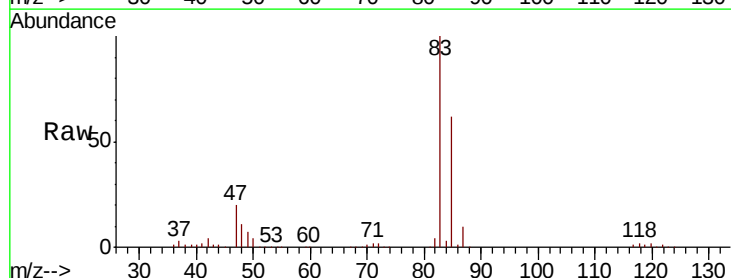


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

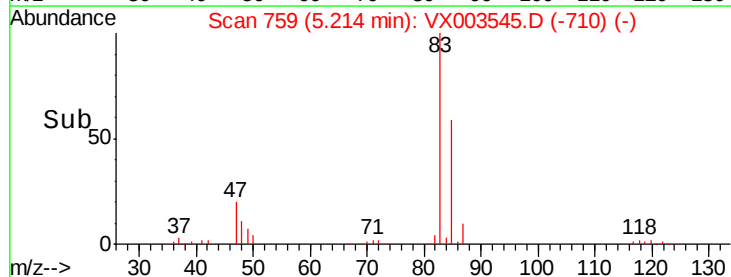
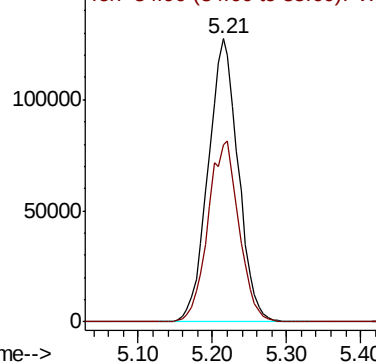


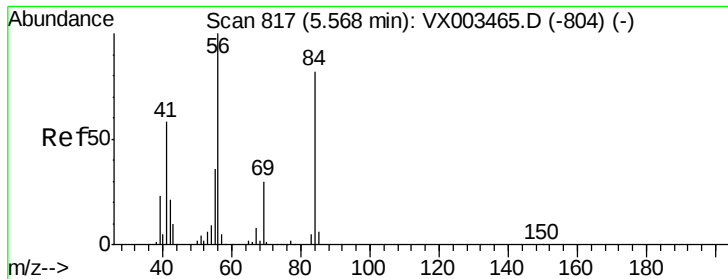
#30
Chloroform
Concen: 55.081 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.4	75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





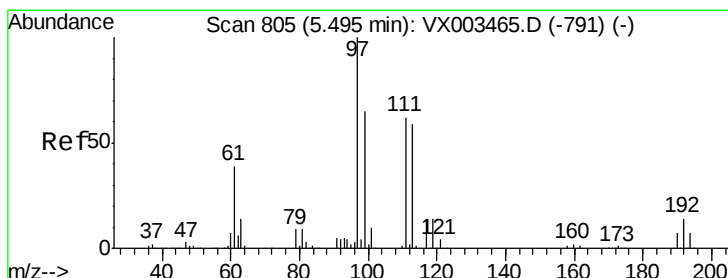
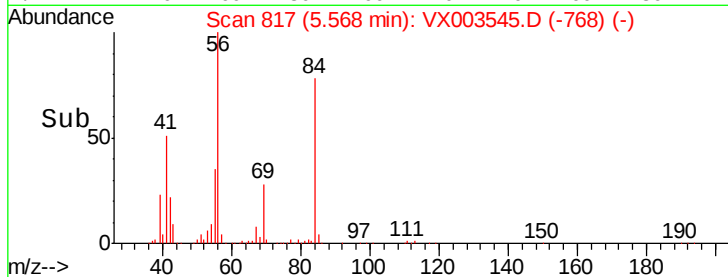
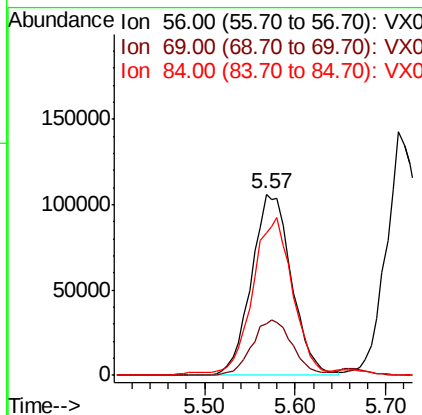
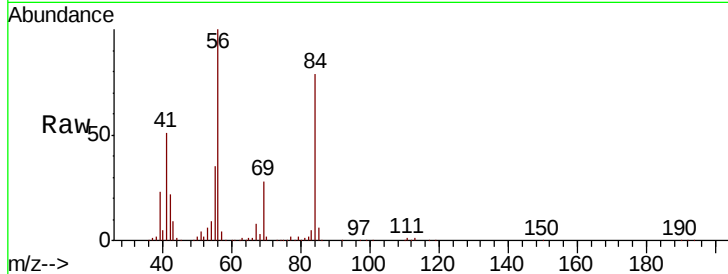
#31
Cyclohexane
Concen: 53.921 ug/l
RT: 5.57 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.3	23.7	35.5
84	77.1	64.1	96.1

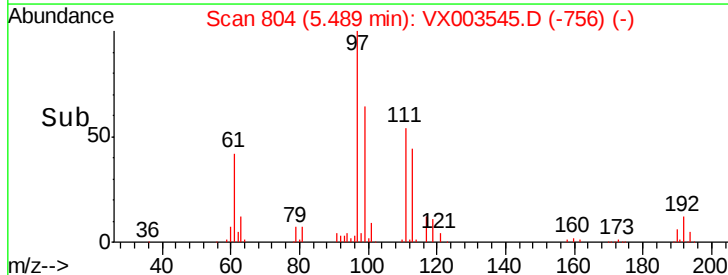
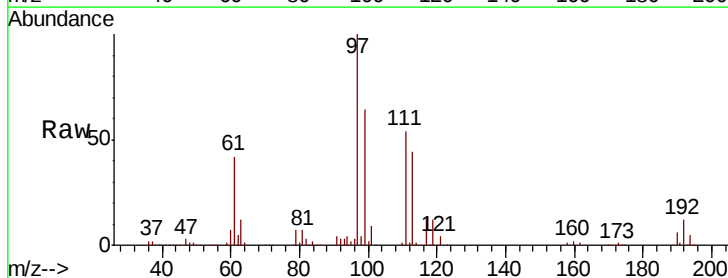
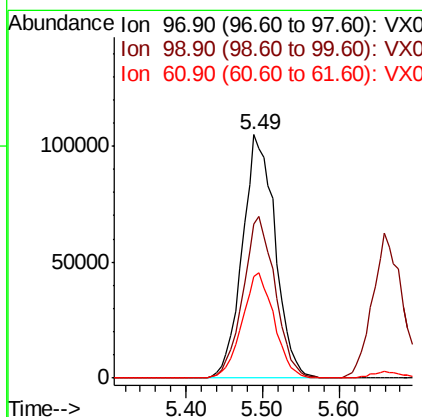
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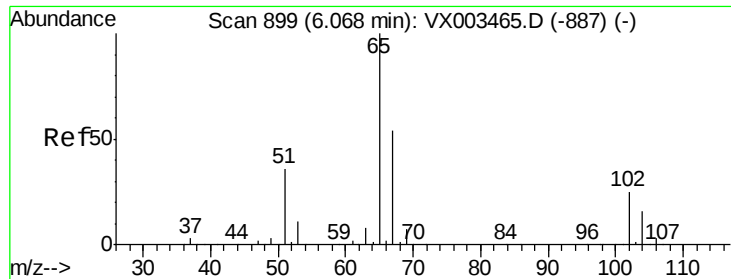
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#32
1,1,1-Trichloroethane
Concen: 55.552 ug/l
RT: 5.49 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.6	77.4
61	42.6	36.4	54.6





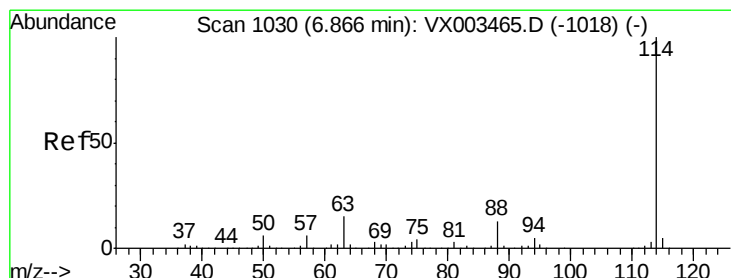
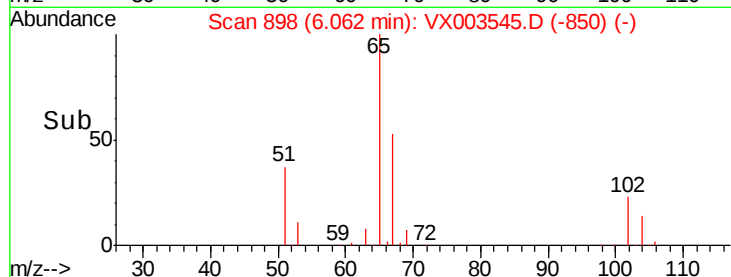
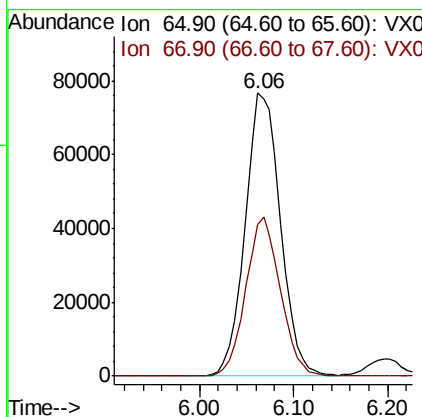
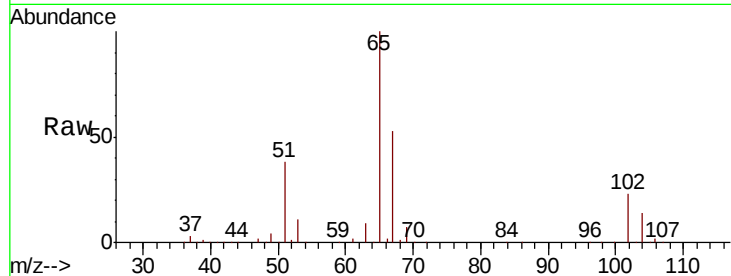
#33
 1,2-Dichloroethane-d4
 Concen: 50.558 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 201419
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 102.6

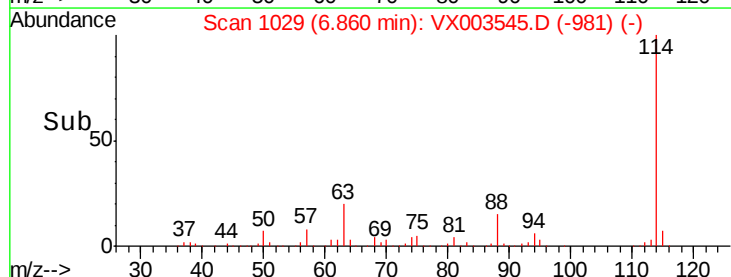
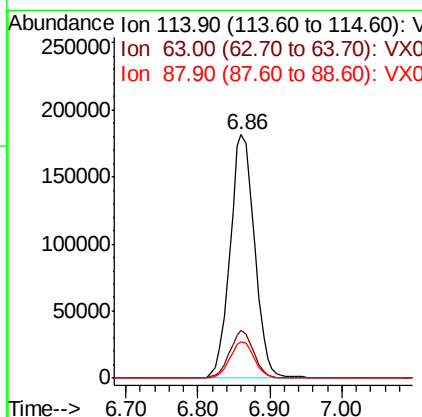
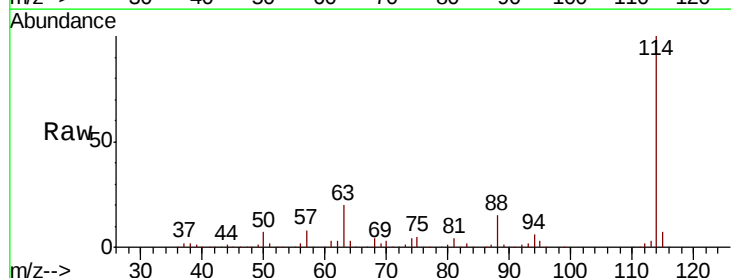
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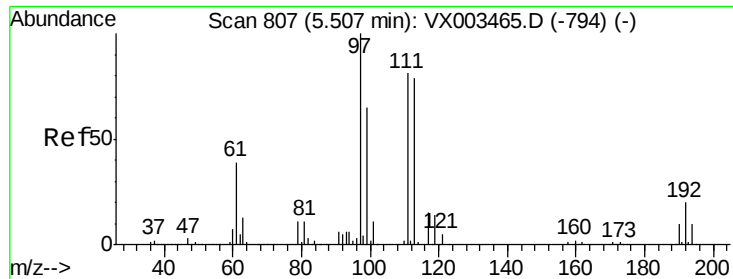
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Tgt Ion: 114 Resp: 429802
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 14.8 0.0 30.0





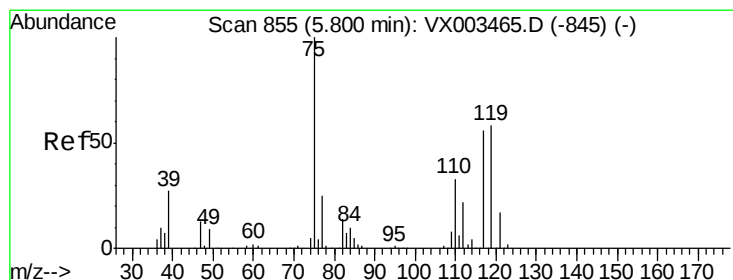
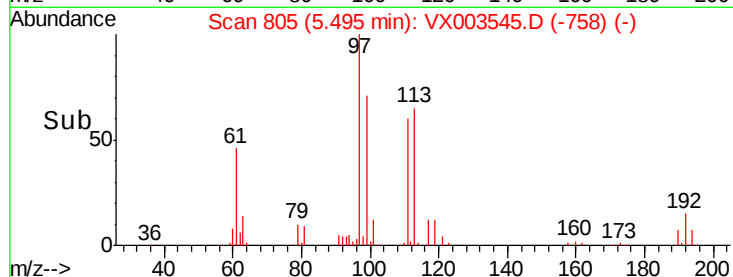
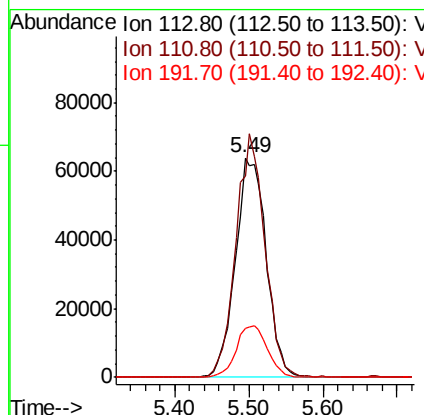
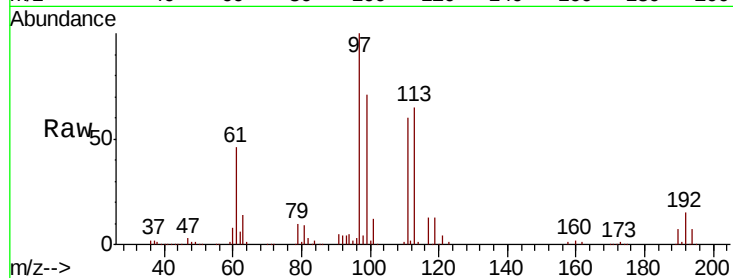
#35
 Dibromofluoromethane
 Concen: 56.854 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	186122		
111	103.9	81.4	122.0	
192	23.7	19.1	28.7	

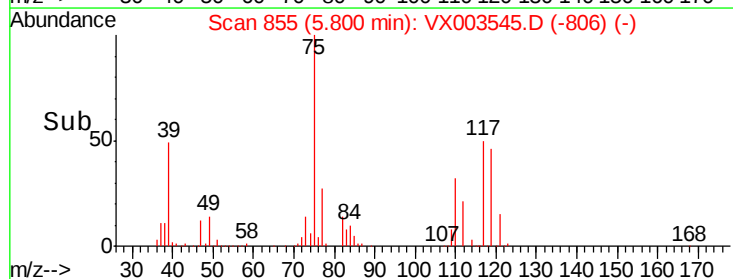
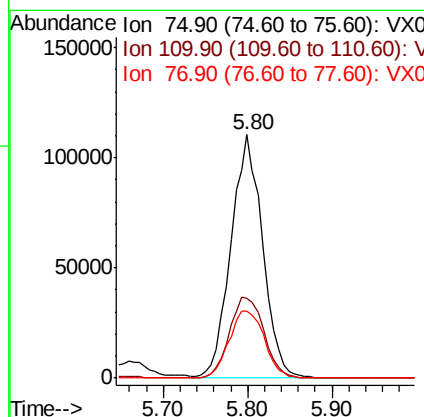
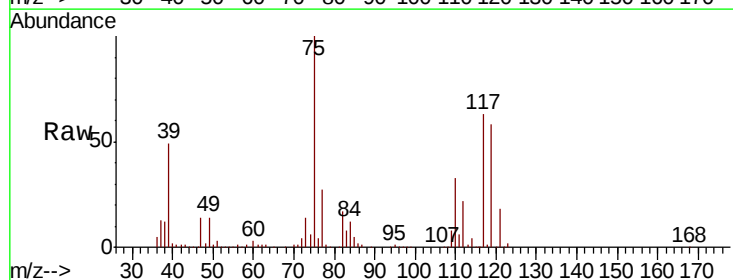
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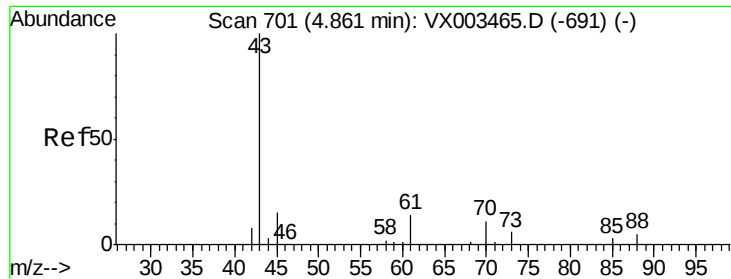
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#36
 1,1-Dichloropropene
 Concen: 60.226 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	279473		
110	36.7	18.1	54.4	
77	30.7	24.3	36.5	





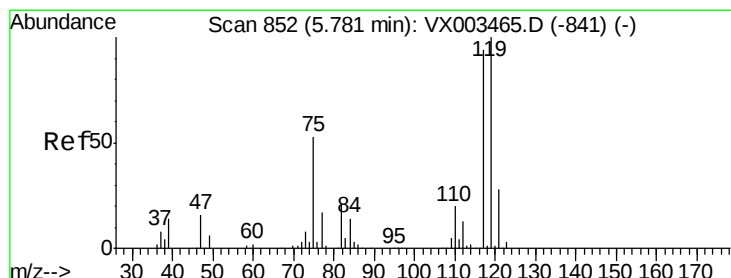
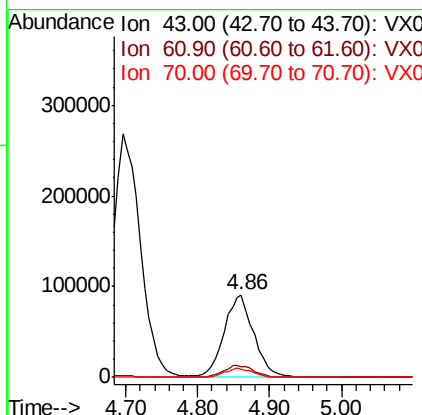
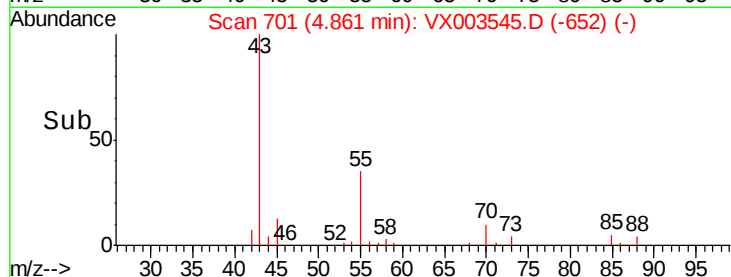
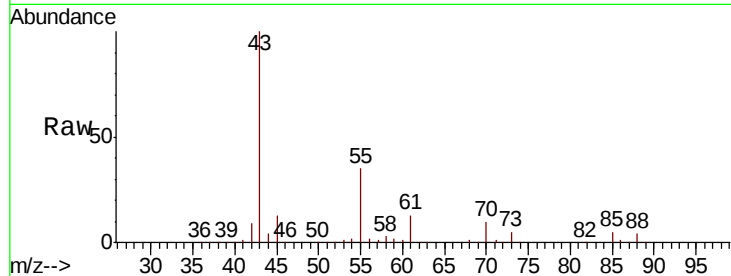
#37
Ethyl Acetate
Concen: 58.795 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 258176
Ion Ratio Lower Upper
43 100
61 14.5 10.4 15.6
70 10.9 7.6 11.4

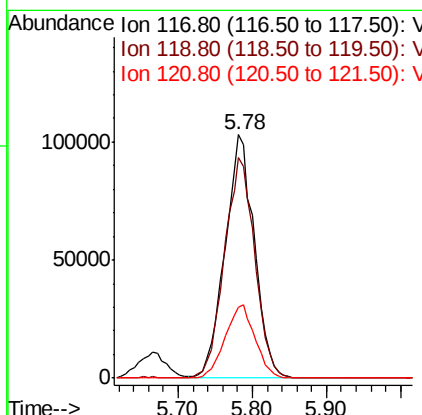
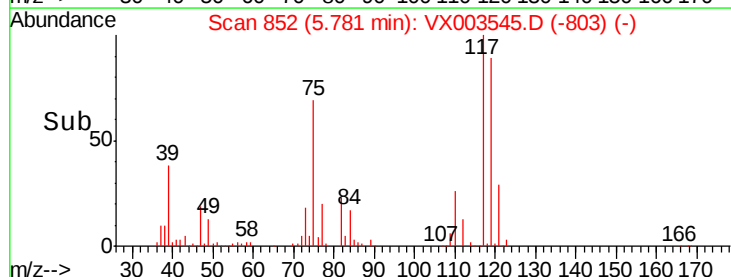
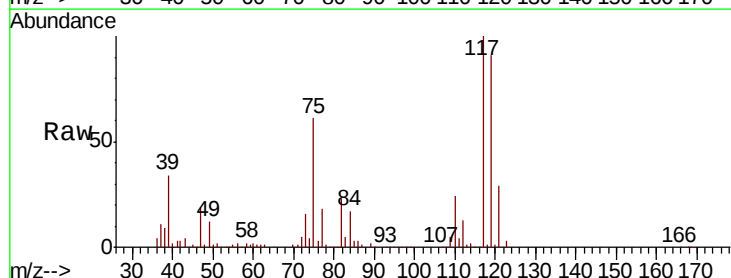
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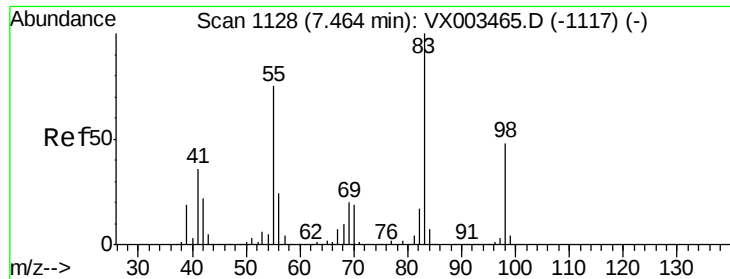
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#38
Carbon Tetrachloride
Concen: 62.146 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion: 117 Resp: 282872
Ion Ratio Lower Upper
117 100
119 90.5 77.4 116.0
121 29.3 24.4 36.6





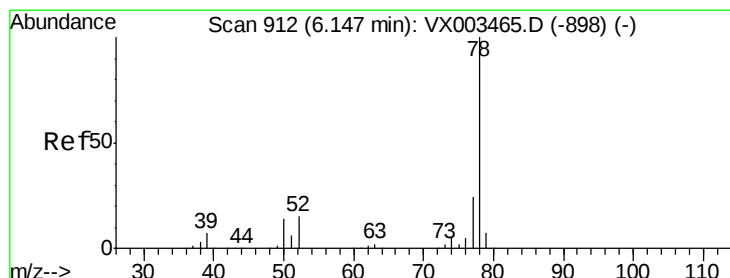
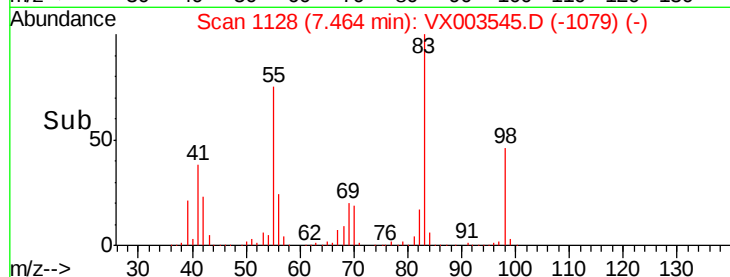
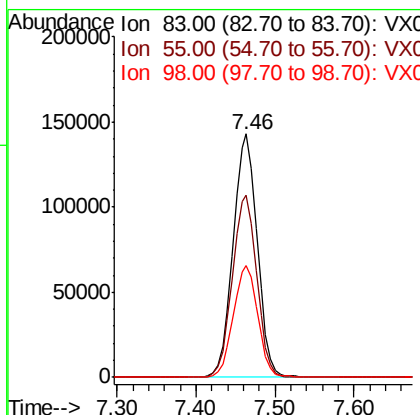
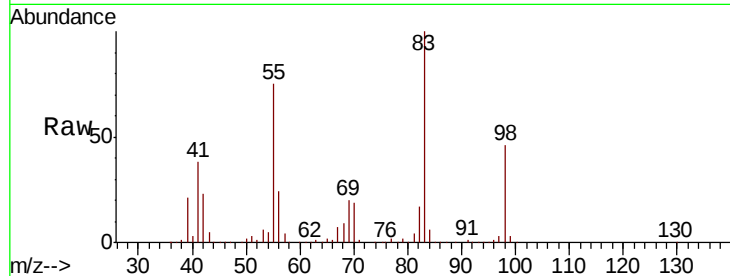
#39
Methylcyclohexane
Concen: 55.368 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	304312		
55	74.8		65.4	98.0
98	45.9		37.4	56.0

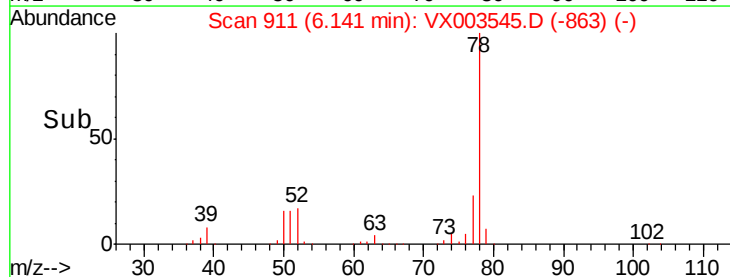
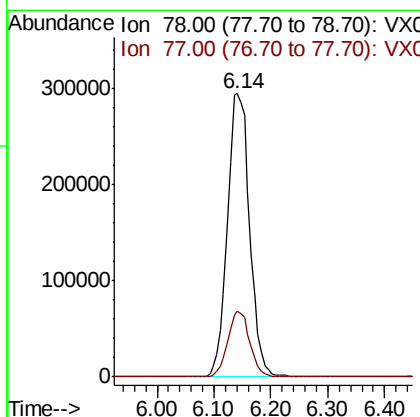
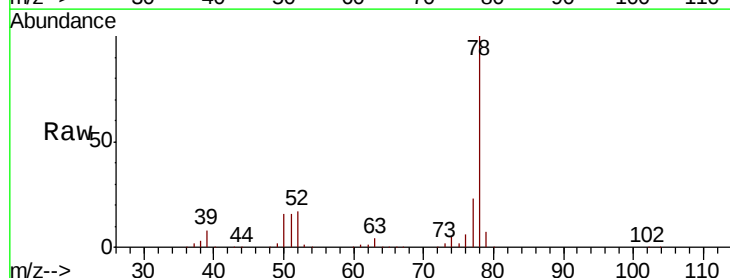
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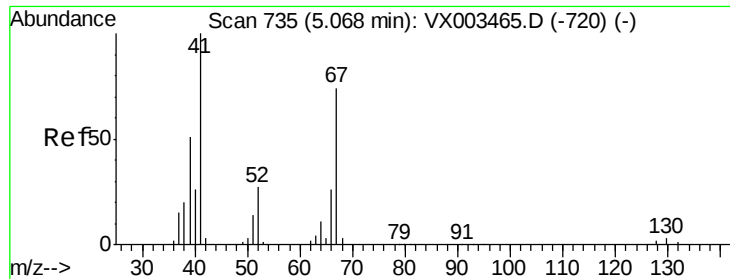
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#40
Benzene
Concen: 57.426 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	804578		
77	23.3		19.1	28.7





#41

Methacrylonitrile

Concen: 58.395 ug/l

RT: 5.06 min Scan# 733

Delta R.T. -0.01 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 150705
Ion Ratio Lower Upper

41 100

39 52.3 45.8 68.6

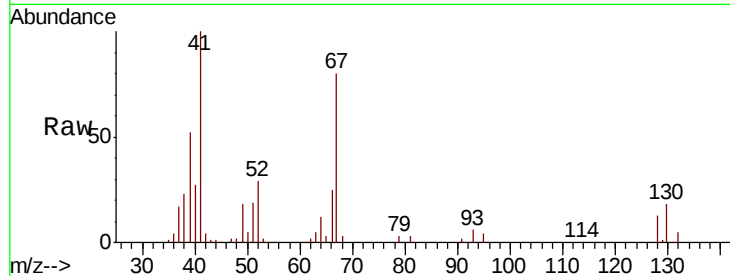
67 74.2 51.3 76.9

52 28.1 23.0 34.6

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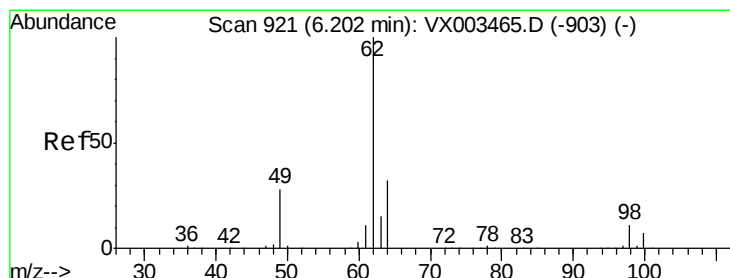
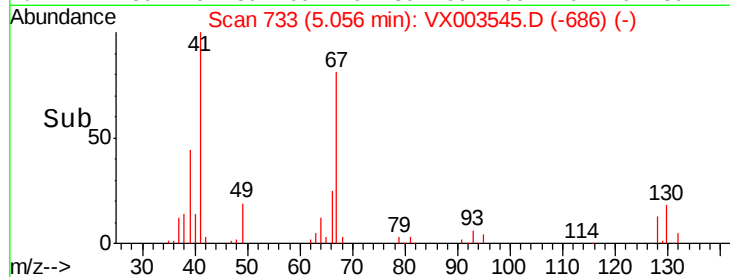
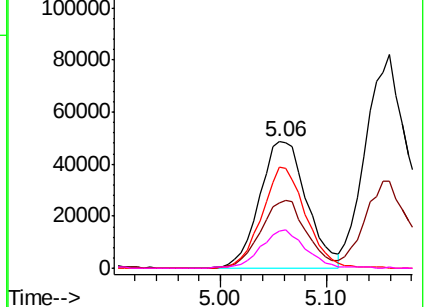
Abundance

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: 60.586 ug/l

RT: 6.19 min Scan# 919

Delta R.T. -0.01 min

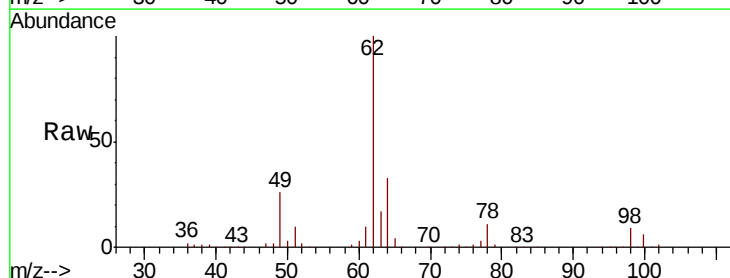
Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Tgt Ion: 62 Resp: 267449
Ion Ratio Lower Upper

62 100

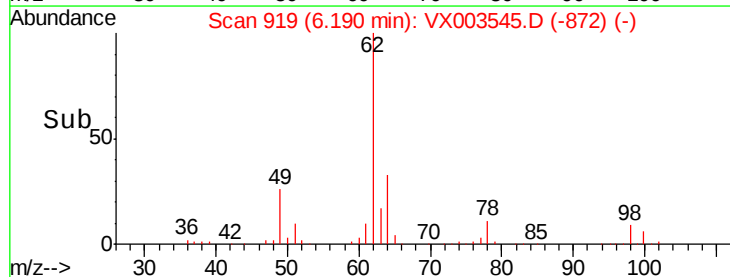
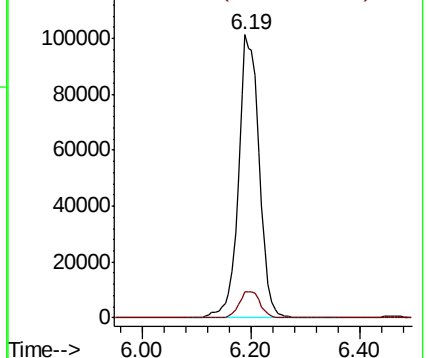
98 9.7 0.0 16.6



Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.725 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

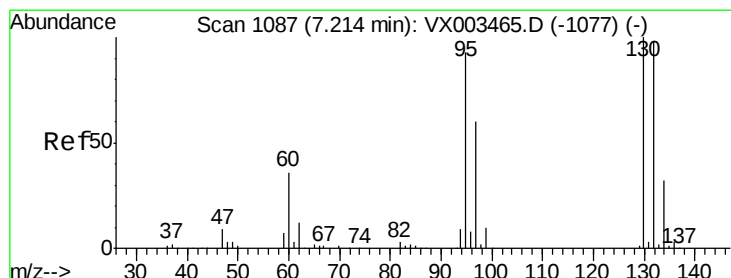
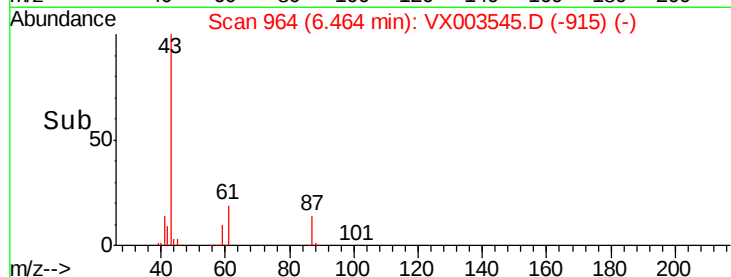
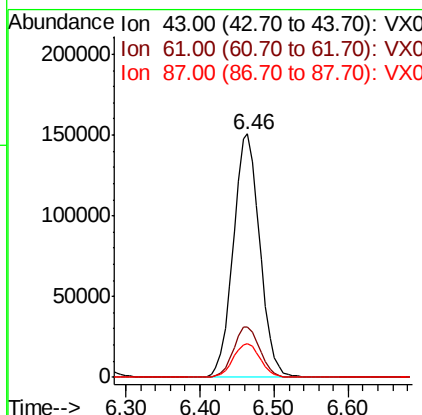
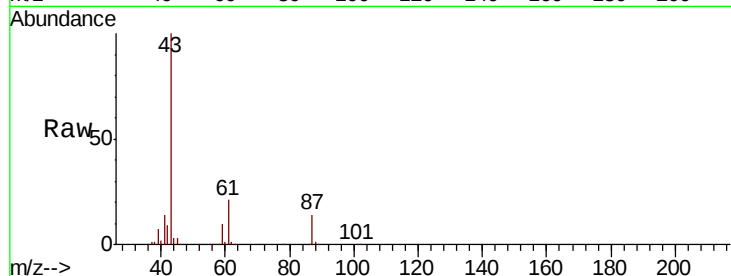
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	375278
Ion	Ratio	Lower	Upper
43	100		
61	20.9	14.4	21.6
87	14.2	9.5	14.3

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#44

Trichloroethene

Concen: 53.490 ug/l

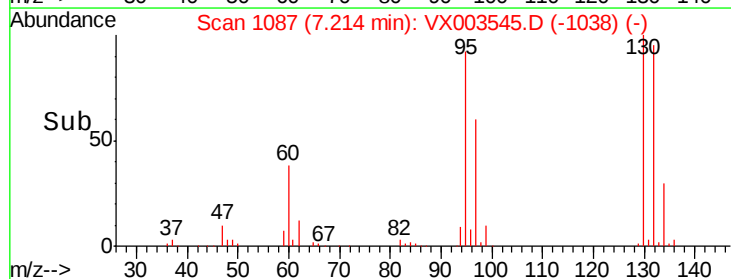
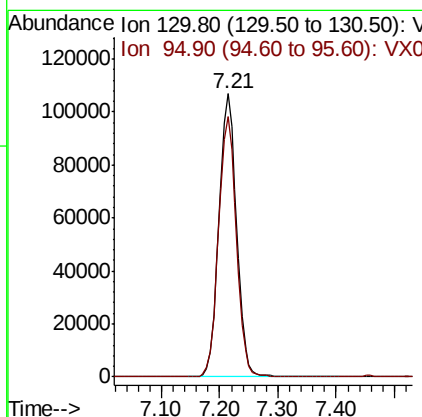
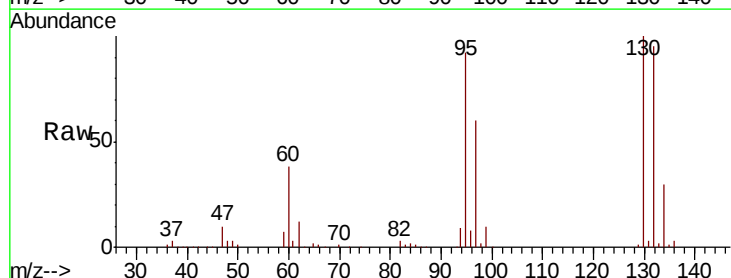
RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Tgt Ion:	130	Resp:	223496
Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	185.4





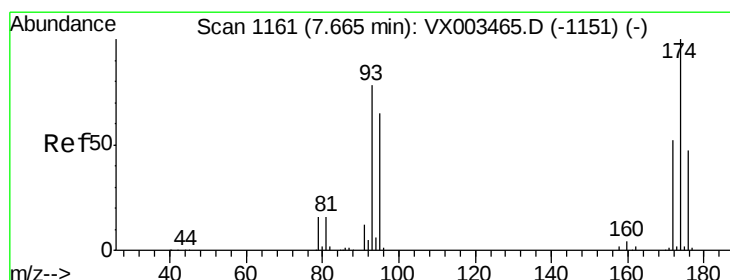
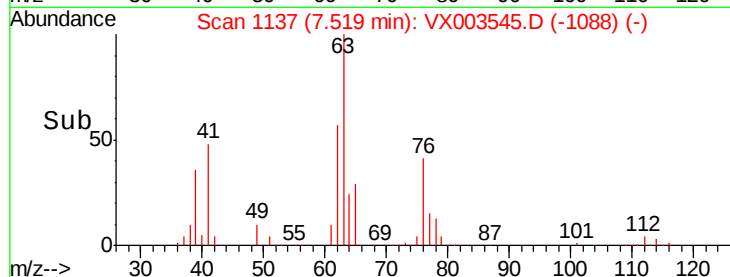
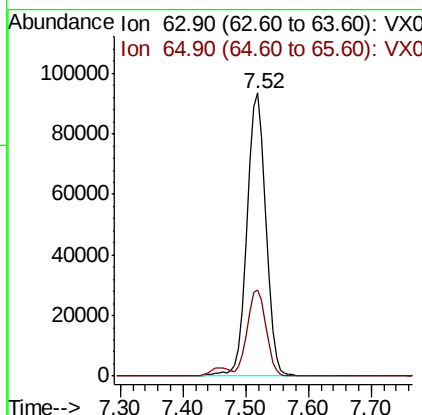
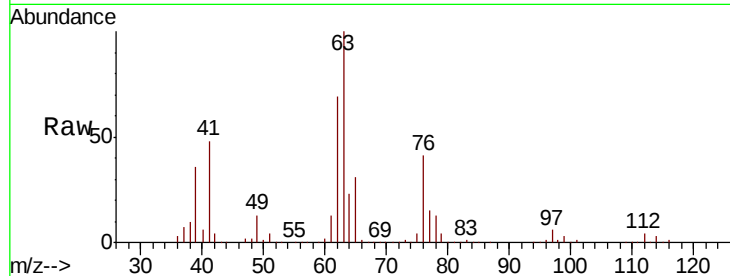
#45
 1,2-Dichloropropane
 Concen: 54.729 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 194703
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1

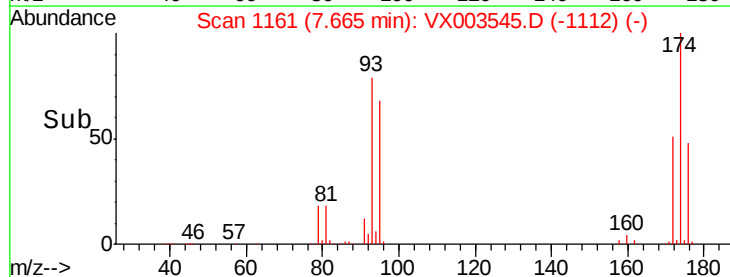
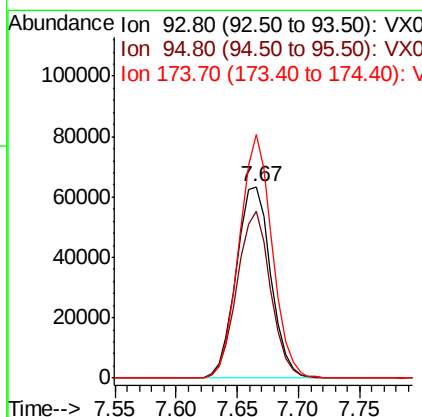
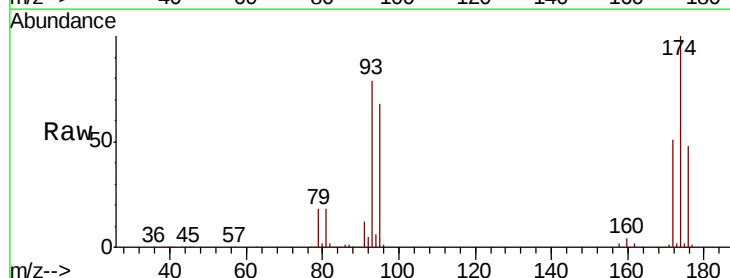
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#46
 Dibromomethane
 Concen: 54.454 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Tgt Ion: 93 Resp: 124719
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.9 98.9
 174 120.9 92.4 138.6





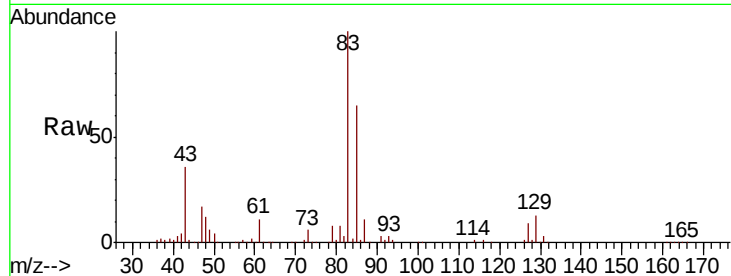
#47
 Bromodichloromethane
 Concen: 57.497 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

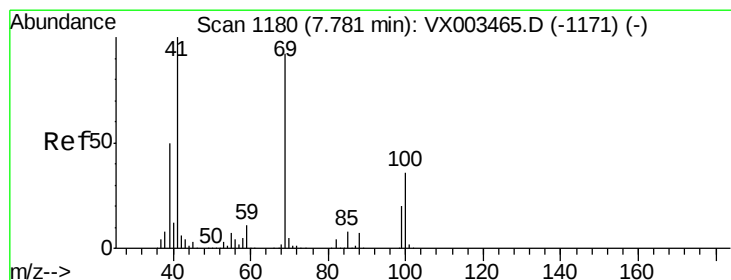
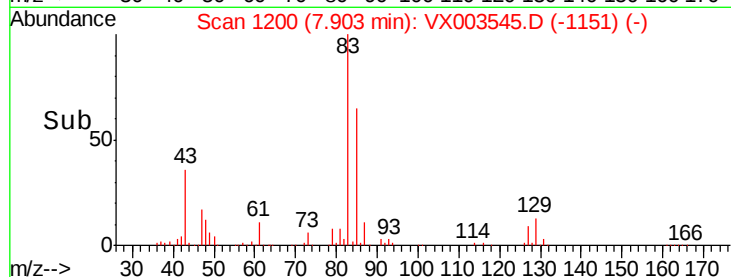
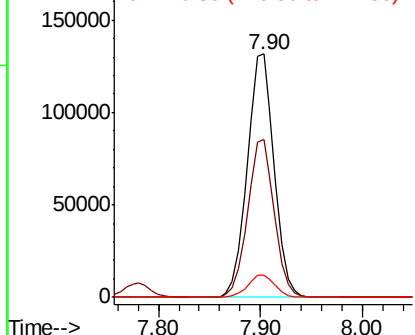
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.3	75.5
127	9.4	7.0	10.4

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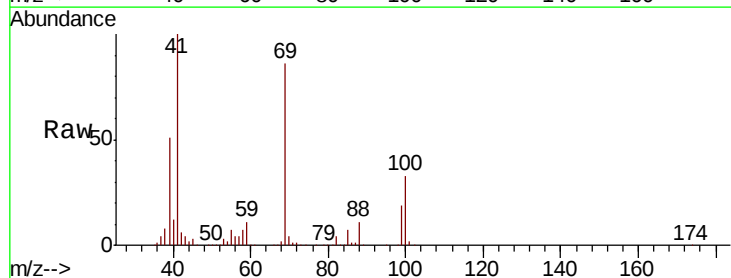


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

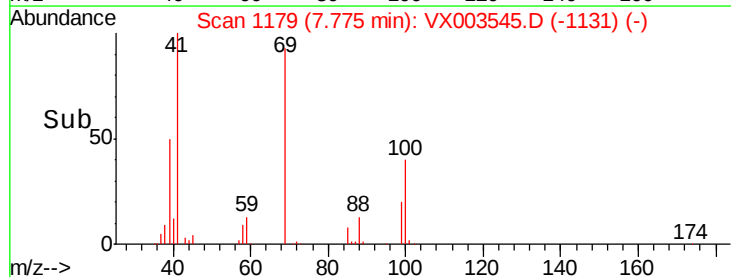
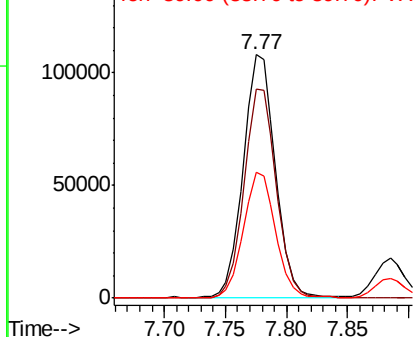


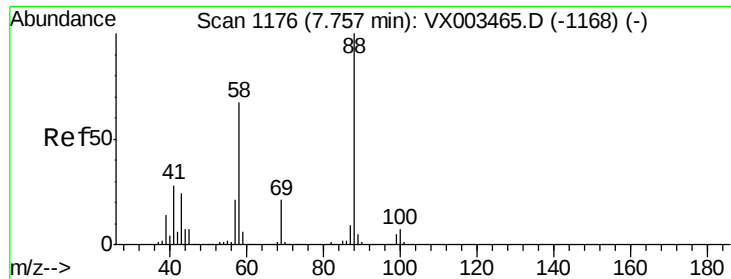
#48
 Methyl methacrylate
 Concen: 55.421 ug/l
 RT: 7.77 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.4	59.1	88.7
39	52.1	48.9	73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
 Ion 69.00 (68.70 to 69.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





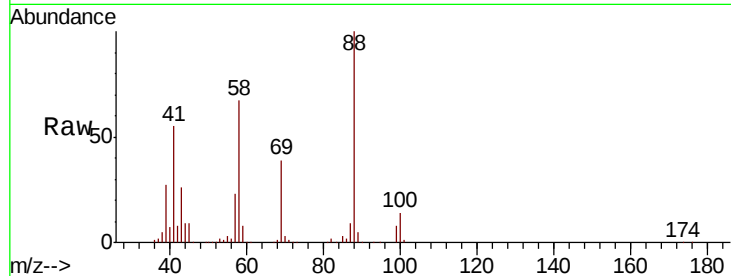
#49
1,4-Dioxane
Concen: 960.735 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

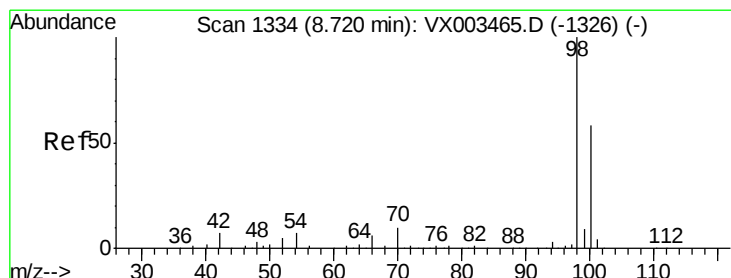
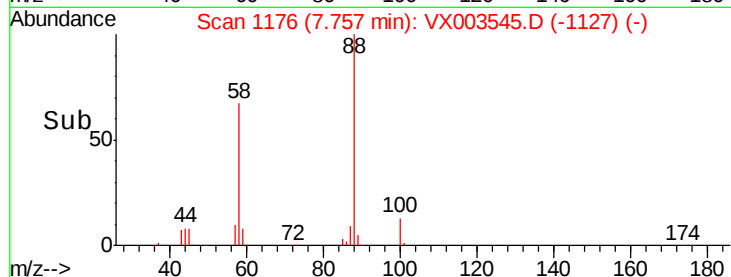
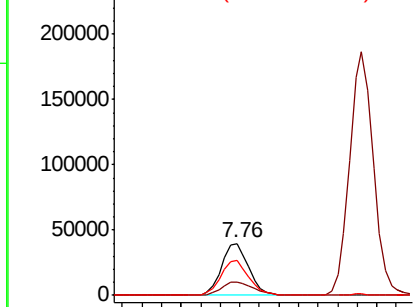
Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.6	29.8	44.6
58	70.5	57.1	85.7

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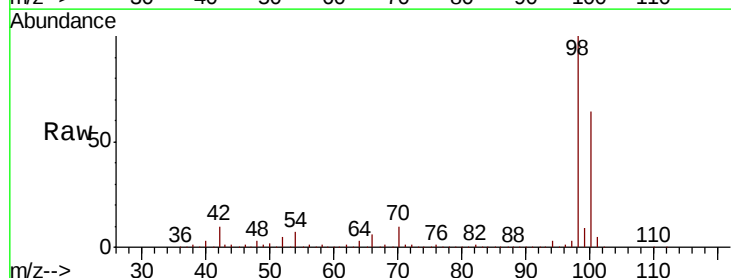


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

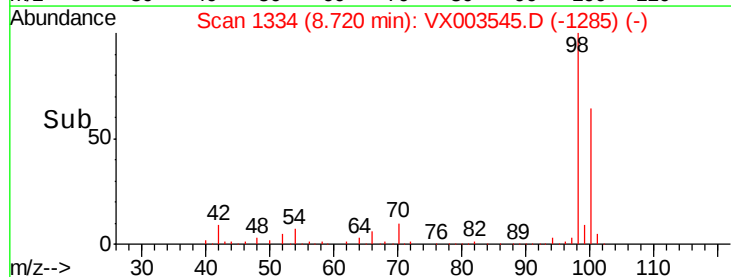
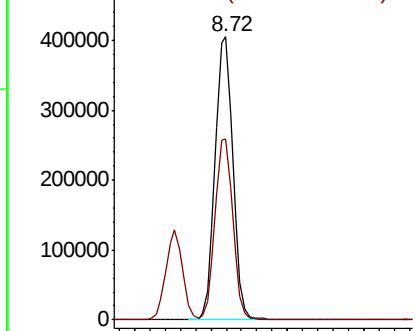


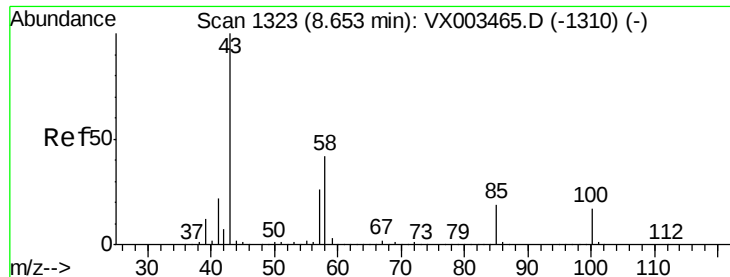
#50
Toluene-d8
Concen: 53.062 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





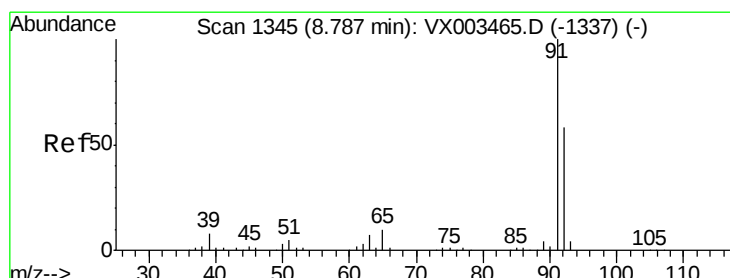
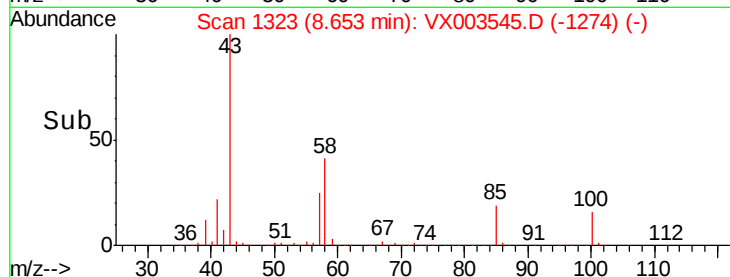
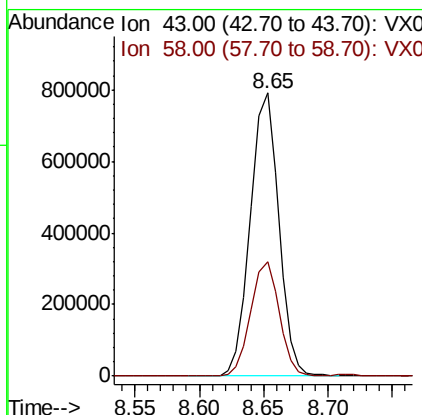
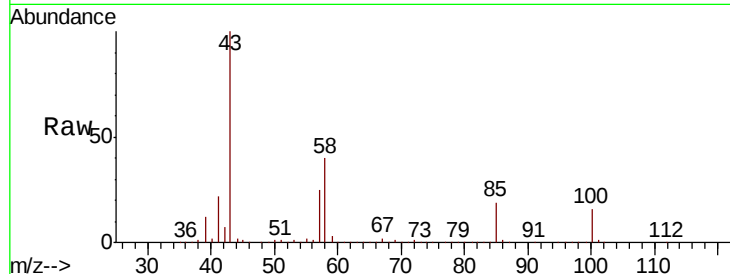
#51
4-Methyl-2-Pentanone
Concen: 273.585 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1207293
Ion Ratio Lower Upper
43 100
58 40.5 28.6 42.8

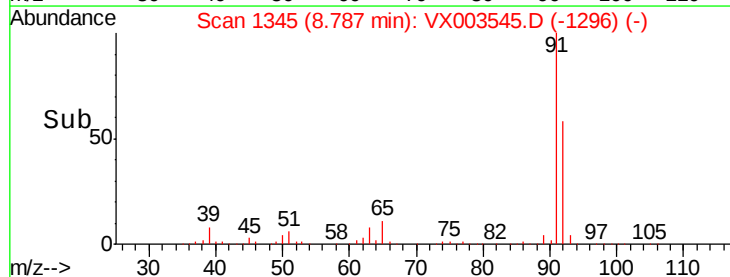
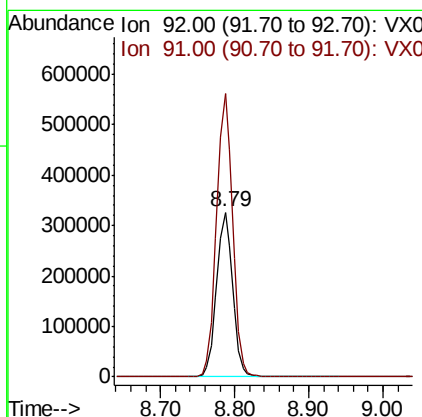
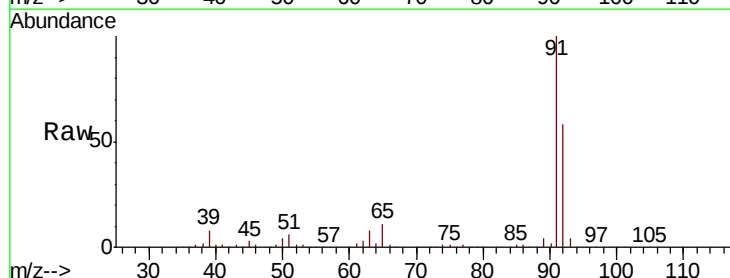
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#52
Toluene
Concen: 54.928 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion: 92 Resp: 484410
Ion Ratio Lower Upper
92 100
91 173.1 140.4 210.6





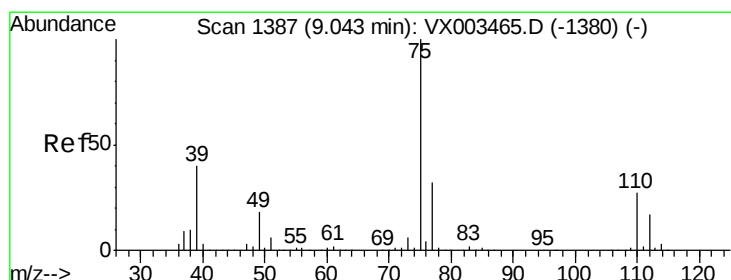
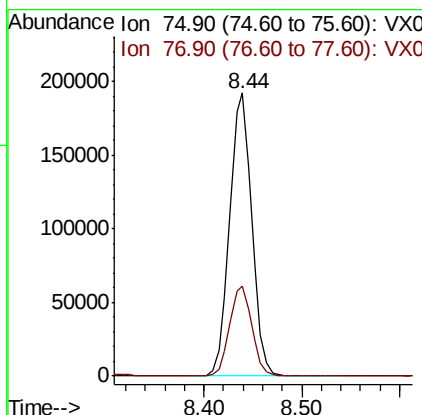
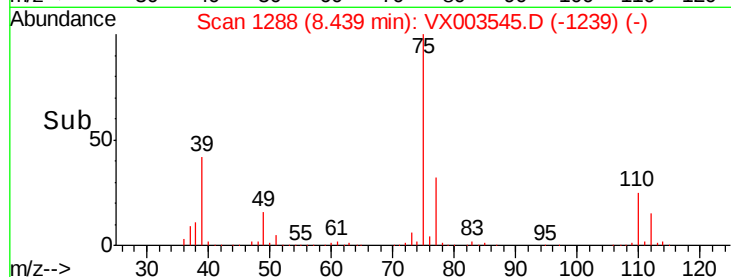
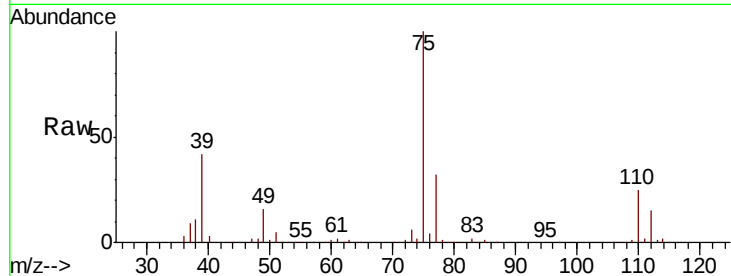
#53
t-1,3-Dichloropropene
Concen: 58.493 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 301872
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

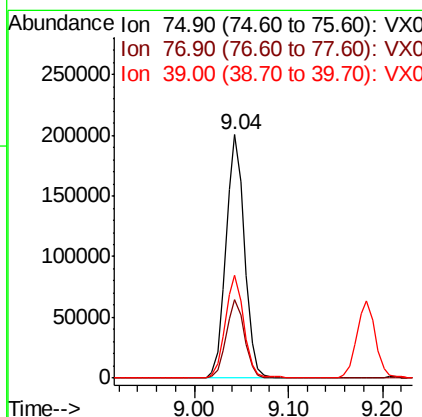
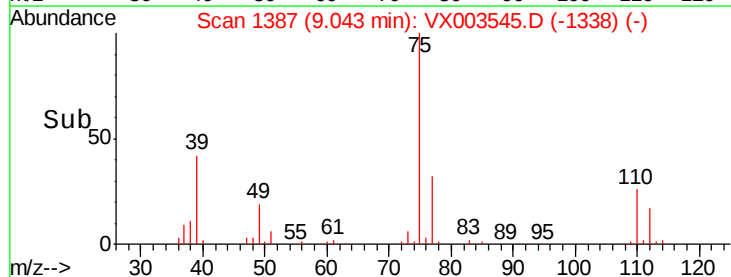
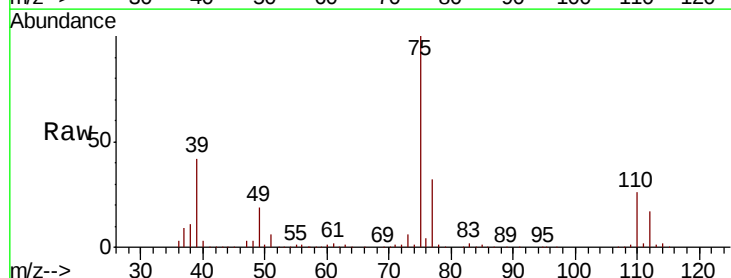
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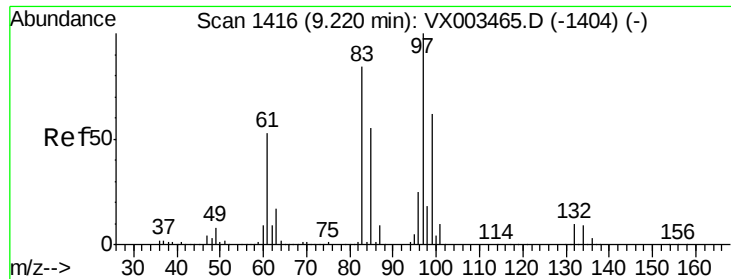
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#54
cis-1,3-Dichloropropene
Concen: 58.784 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion: 75 Resp: 272821
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 42.1 42.4 63.6#





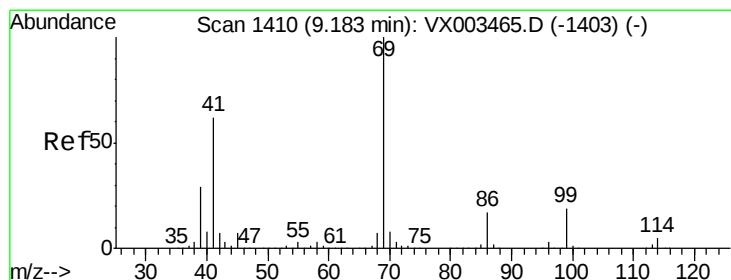
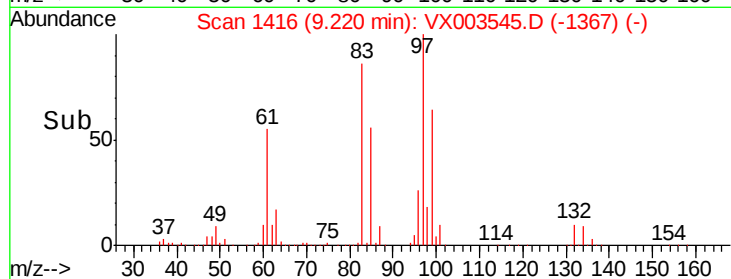
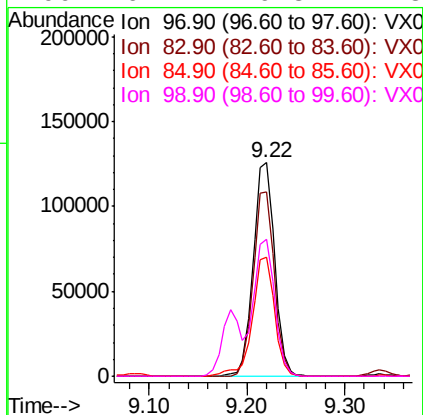
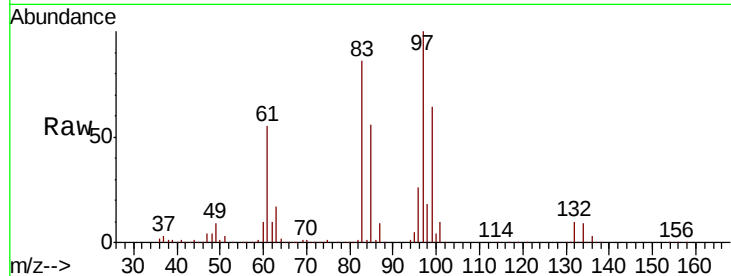
#55
 1,1,2-Trichloroethane
 Concen: 54.469 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	191149
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.2	105.2
85	55.6	44.9	67.3
99	64.1	49.8	74.8

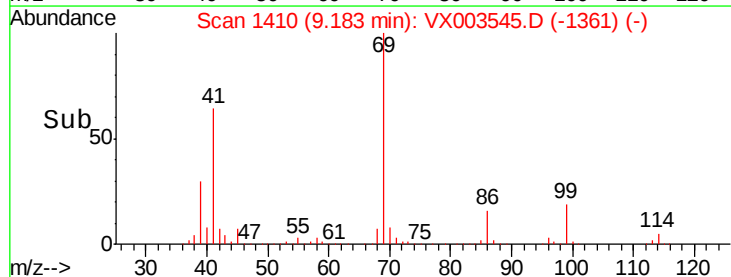
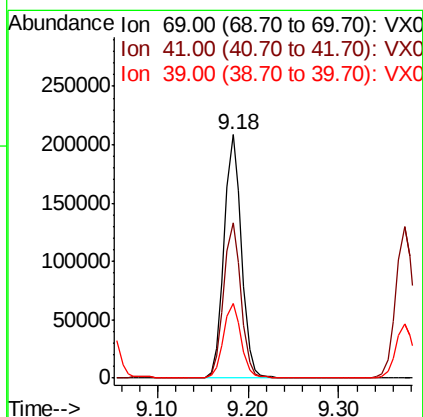
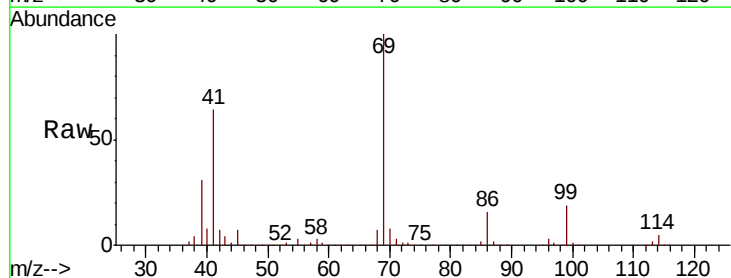
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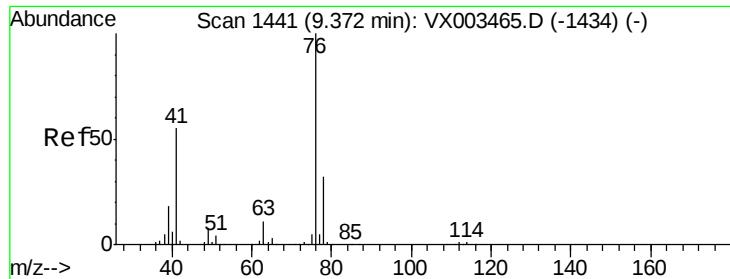
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#56
 Ethyl methacrylate
 Concen: 56.546 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Tgt Ion:	69	Resp:	279499
Ion	Ratio	Lower	Upper
69	100		
41	63.7	60.3	90.5
39	31.3	35.8	53.8#





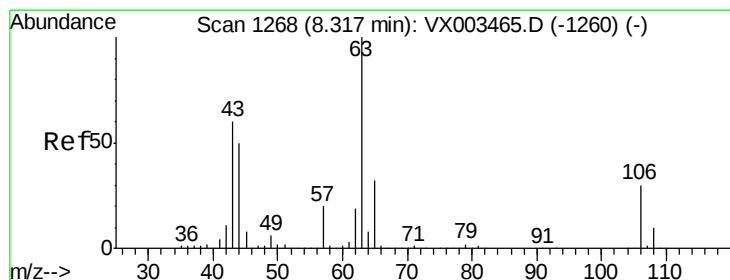
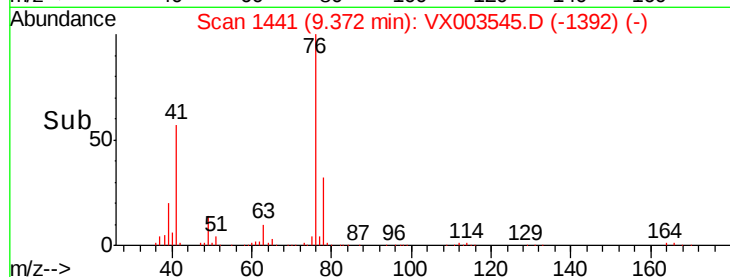
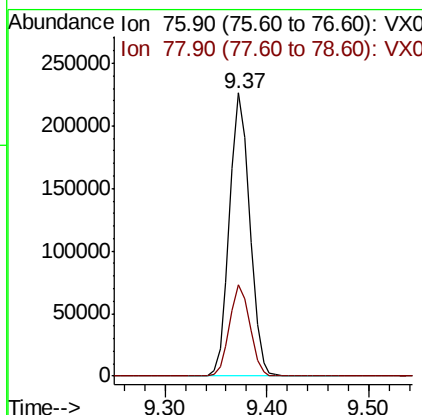
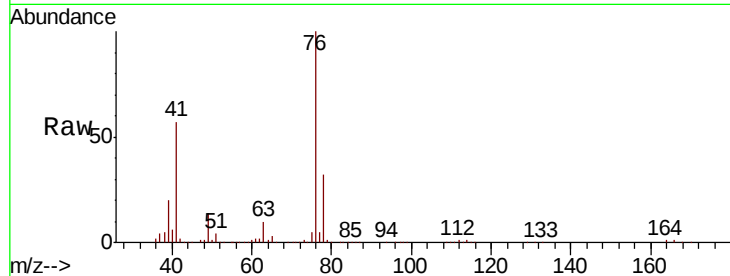
#57
 1,3-Dichloropropane
 Concen: 54.775 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 310717
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6

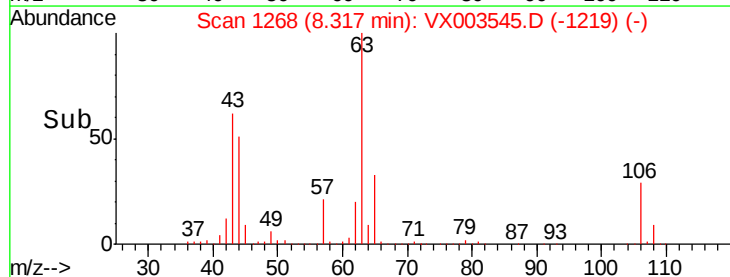
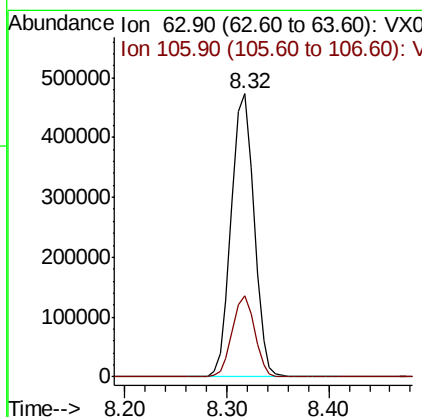
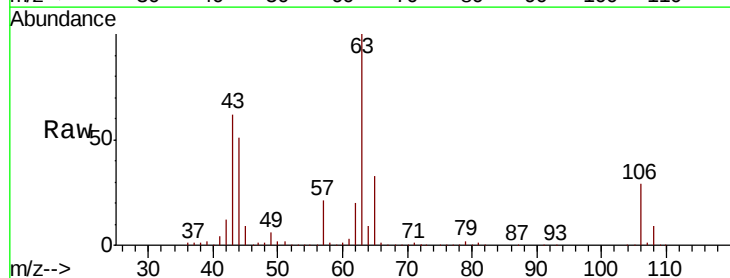
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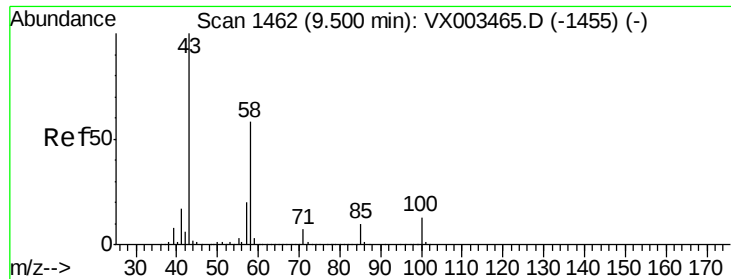
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 304.146 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Tgt Ion: 63 Resp: 731007
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.8





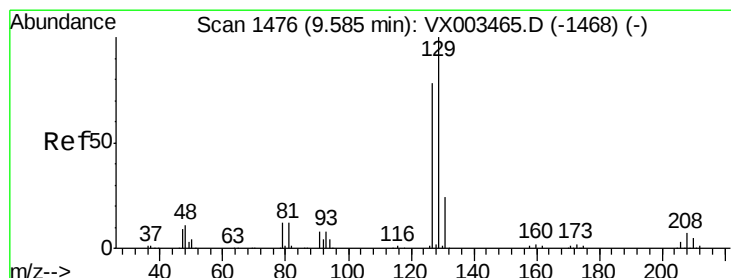
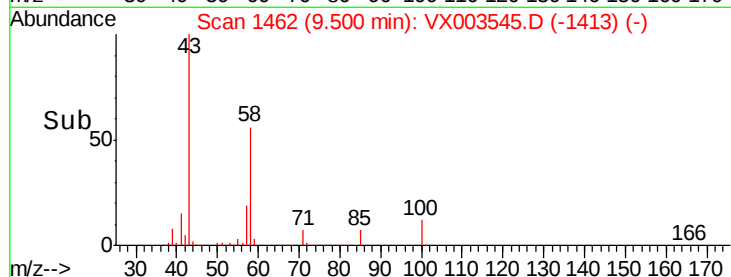
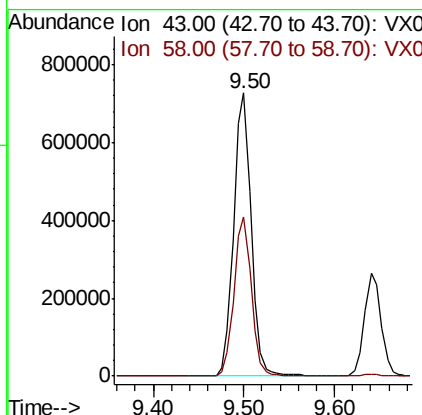
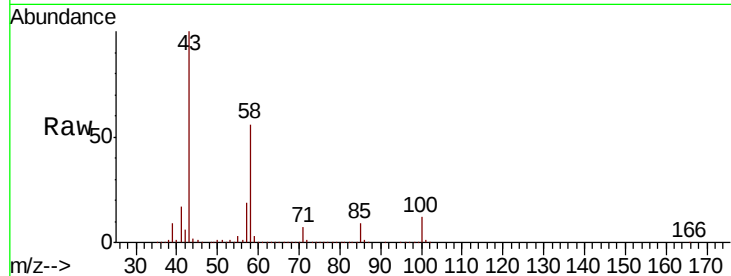
#59
2-Hexanone
Concen: 297.725 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 973435
Ion Ratio Lower Upper
43 100
58 56.1 24.6 73.6

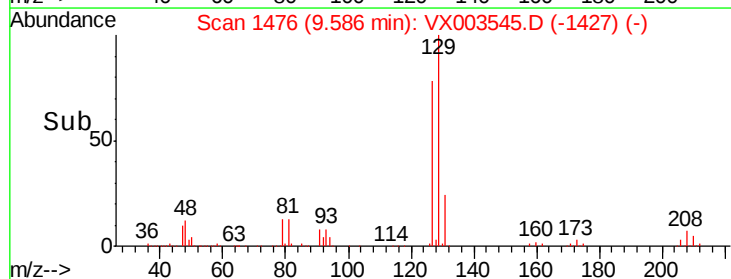
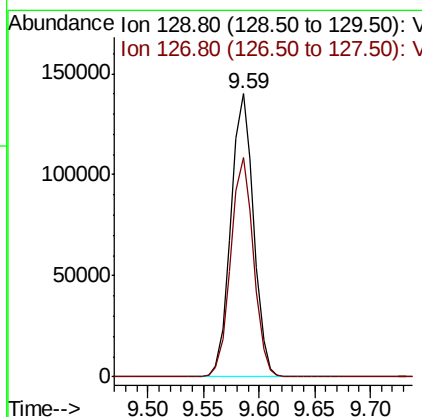
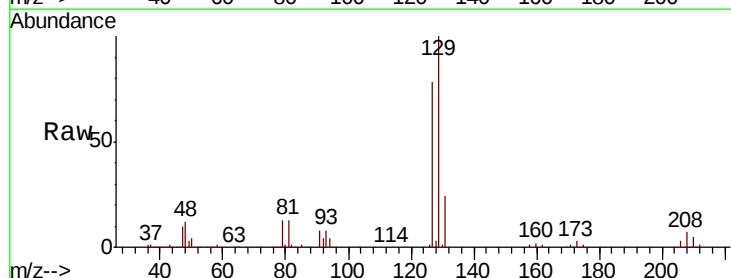
Manual Integrations
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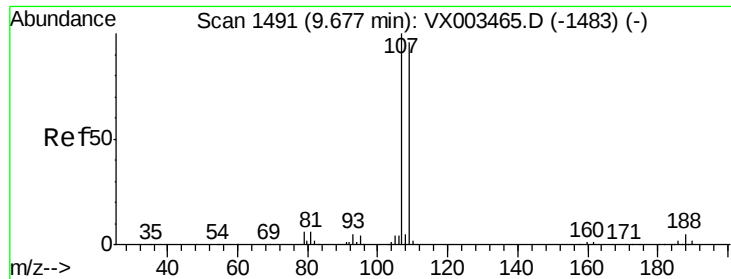
MMDadoda
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#60
Dibromochloromethane
Concen: 57.077 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion: 129 Resp: 198261
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





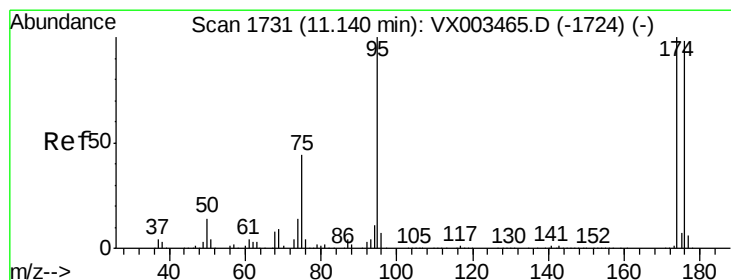
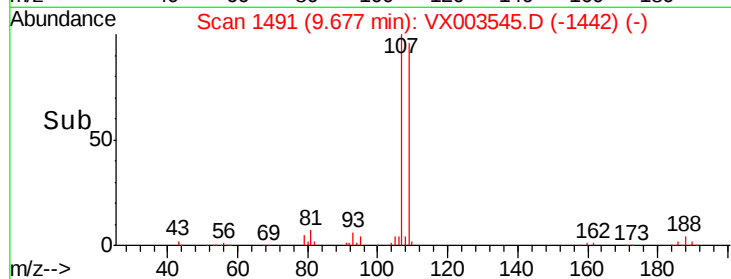
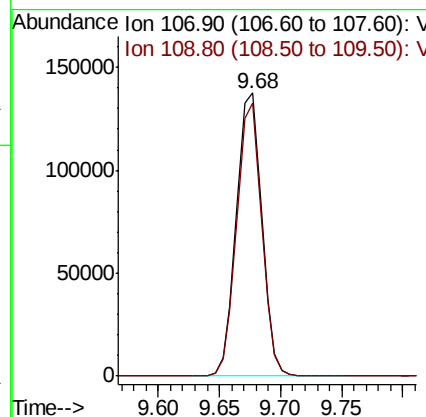
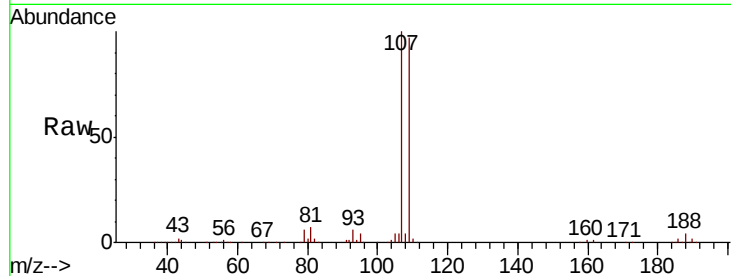
#61
 1,2-Dibromoethane
 Concen: 54.323 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	197619		
109	94.8	75.3	112.9	

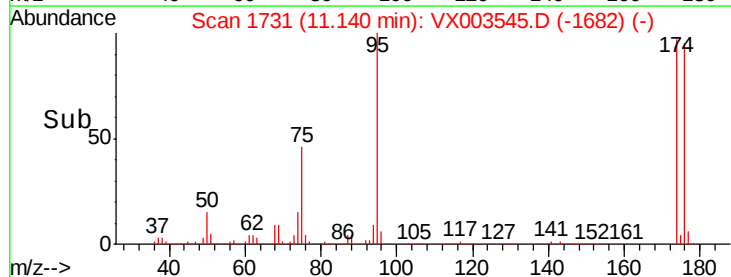
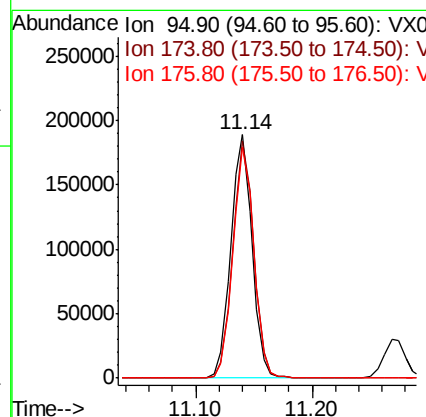
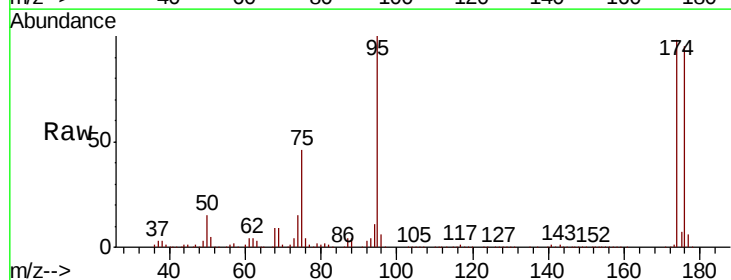
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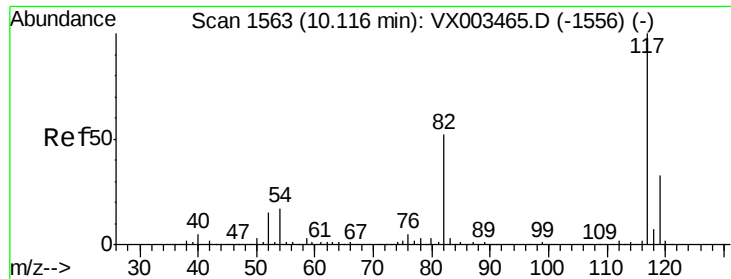
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#62
 4-Bromofluorobenzene
 Concen: 52.978 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	237891		
174	96.9	0.0	187.4	
176	94.6	0.0	181.0	





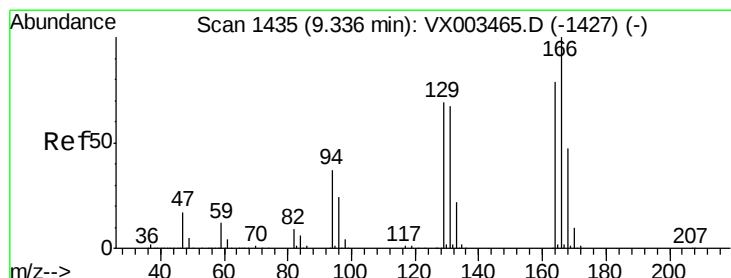
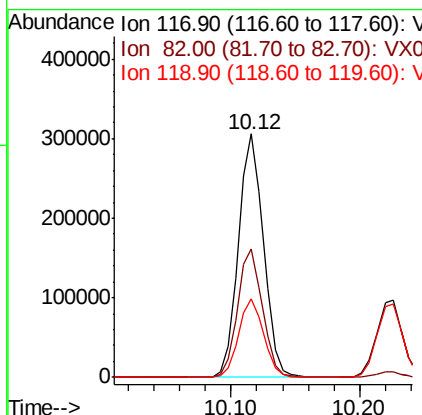
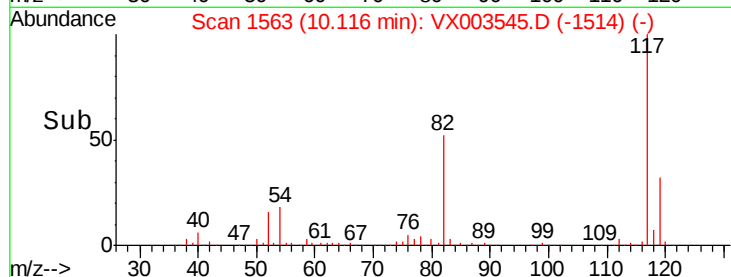
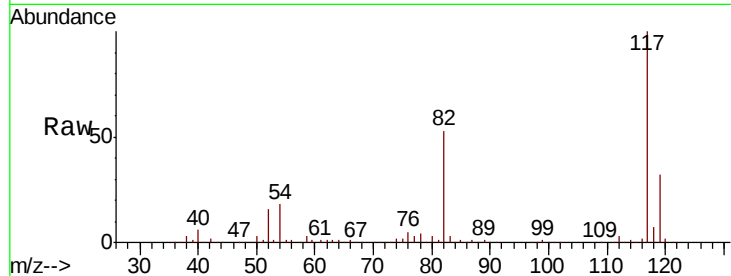
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.0	67.4
119	32.1	25.8	38.6

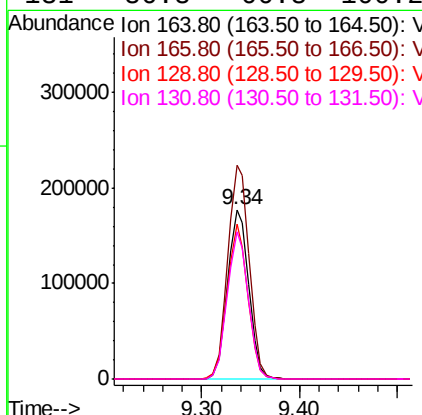
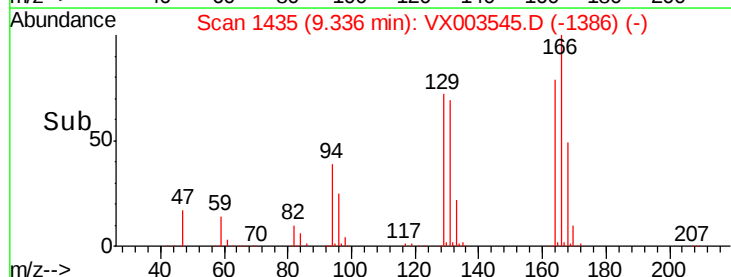
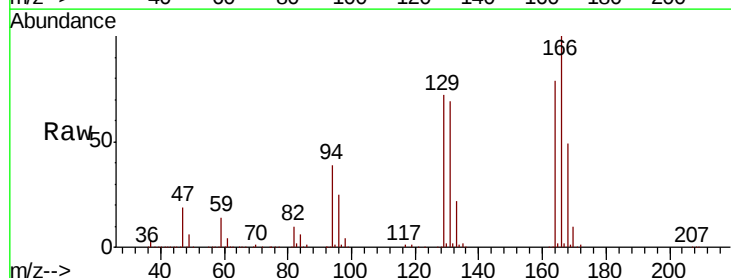
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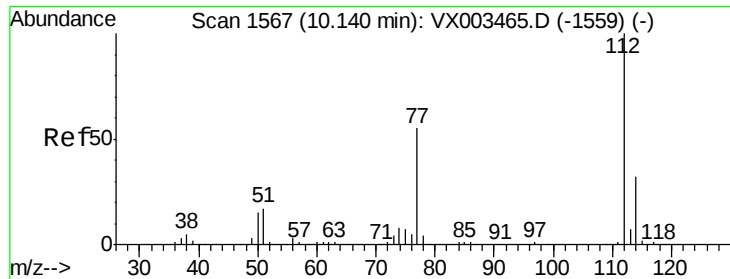
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#64
Tetrachloroethene
Concen: 52.875 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	102.9	154.3
129	91.2	68.6	102.8
131	86.8	66.8	100.2





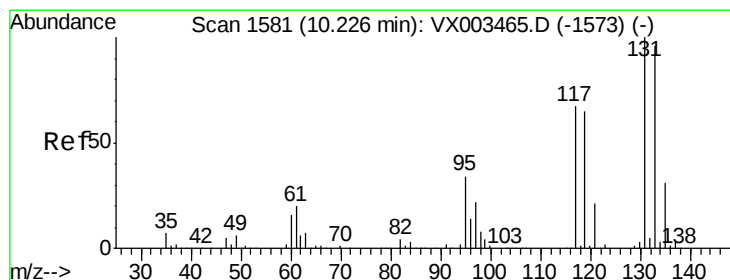
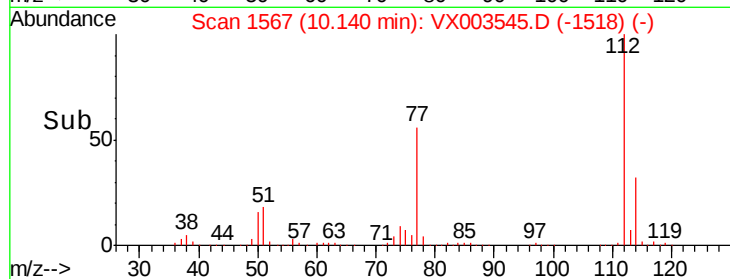
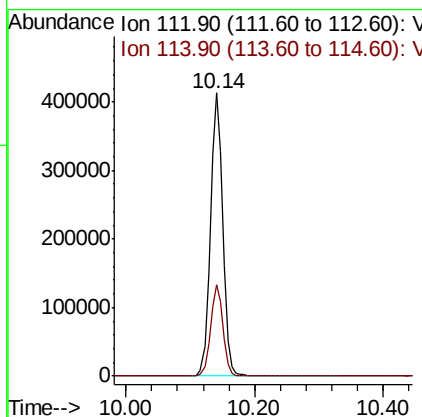
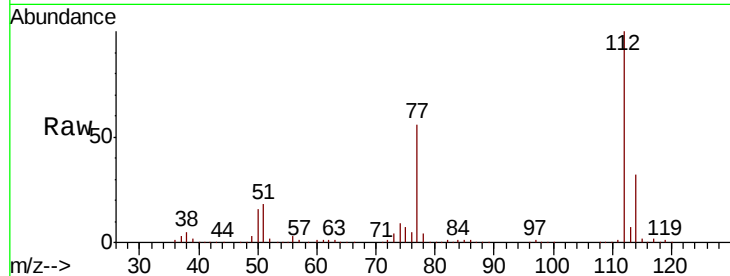
#65
Chlorobenzene
Concen: 52.130 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 553717
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9

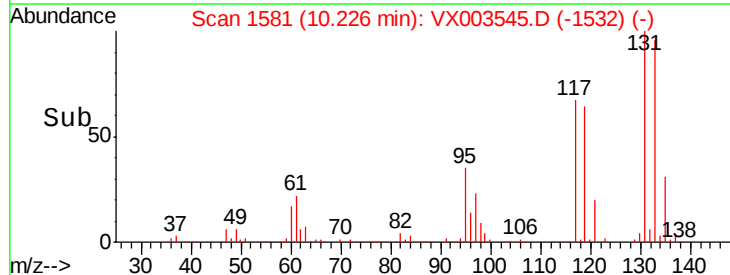
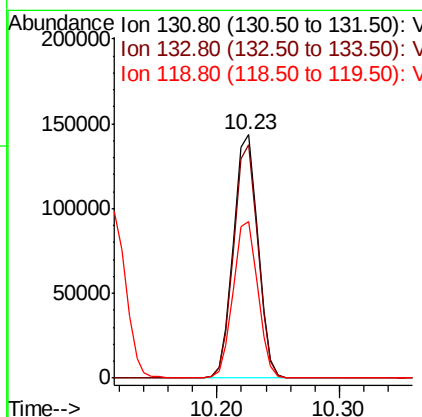
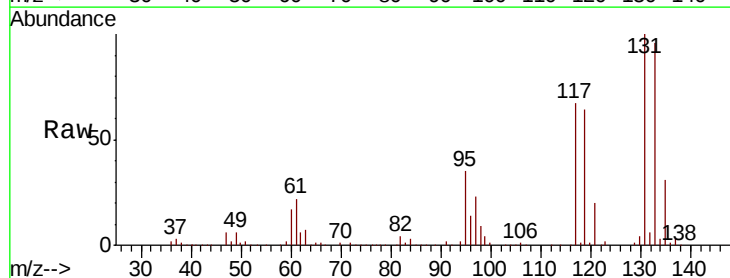
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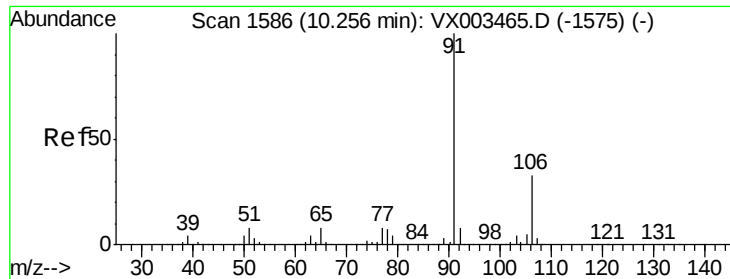
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.267 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion:131 Resp: 198321
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 64.6 31.8 95.3





#67

Ethyl Benzene

Concen: 54.867 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 937033

Ion Ratio Lower Upper

91 100

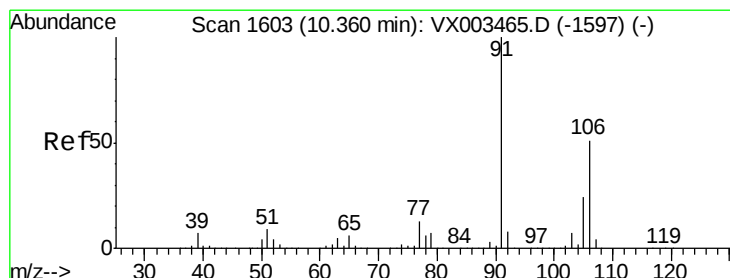
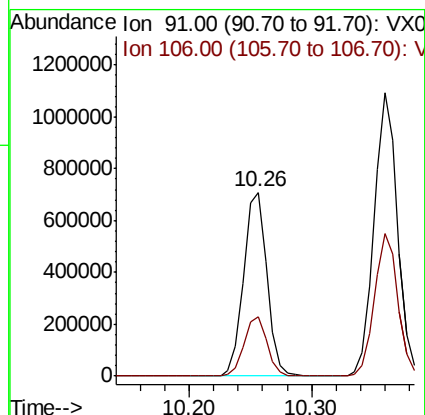
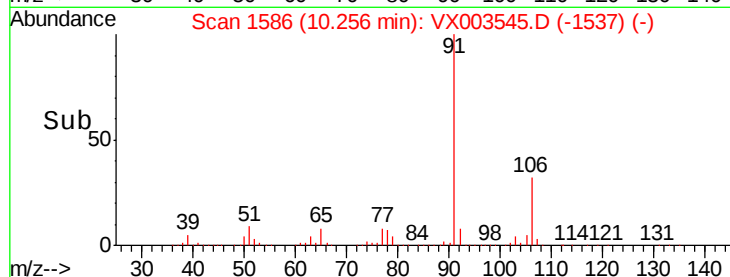
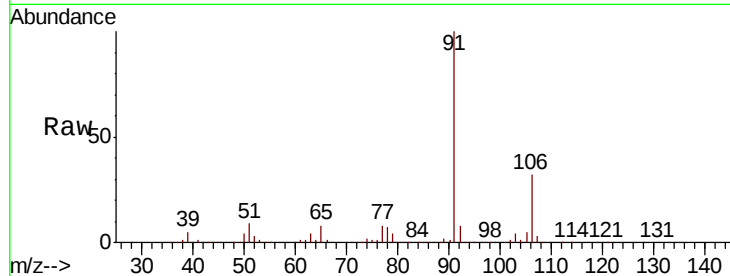
106 31.9 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 109.448 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003545.D

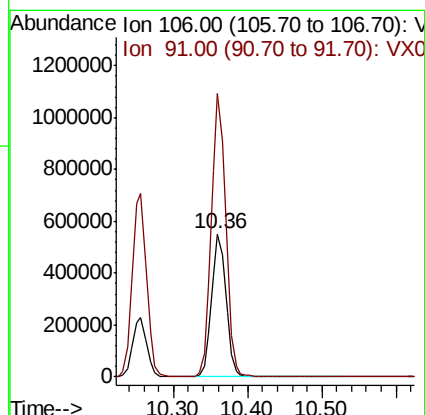
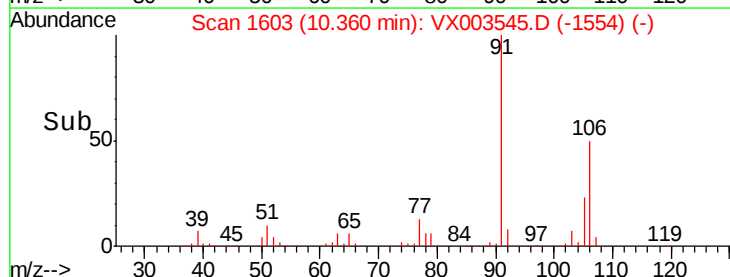
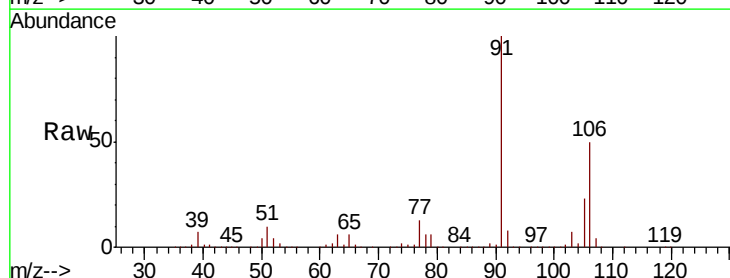
Acq: 21 Jul 2018 10:19

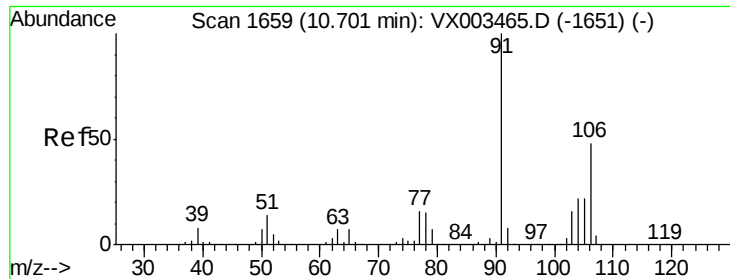
Tgt Ion: 106 Resp: 732799

Ion Ratio Lower Upper

106 100

91 198.1 163.4 245.2





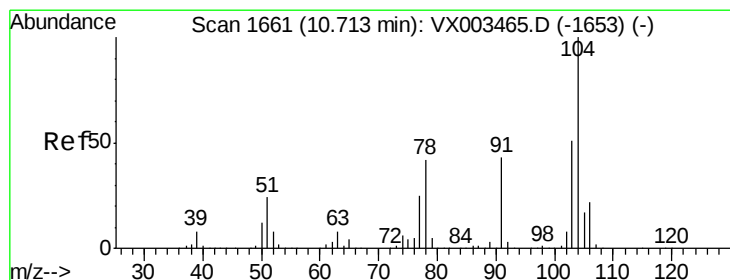
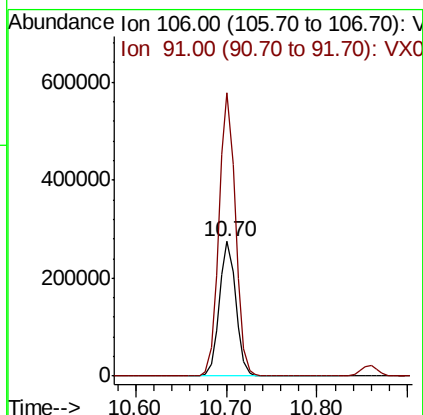
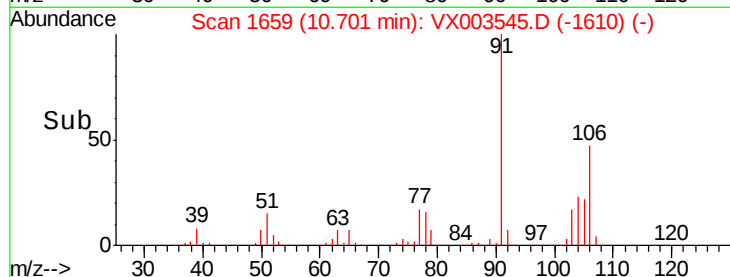
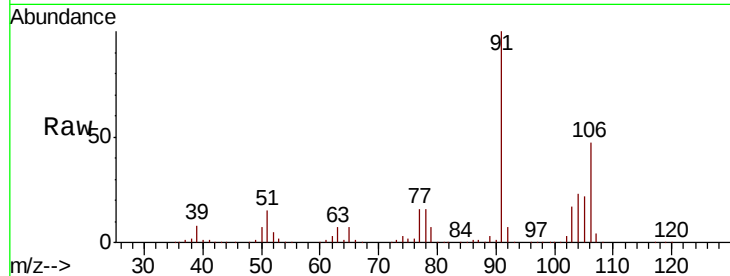
#69
o-Xylene
Concen: 54.286 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 351470
Ion Ratio Lower Upper
106 100
91 209.8 108.2 324.6

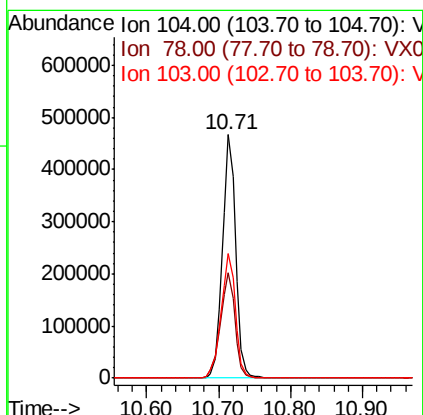
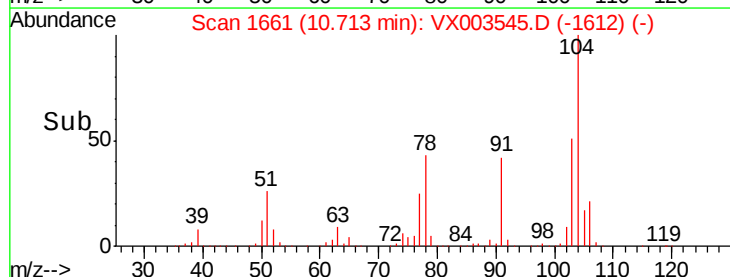
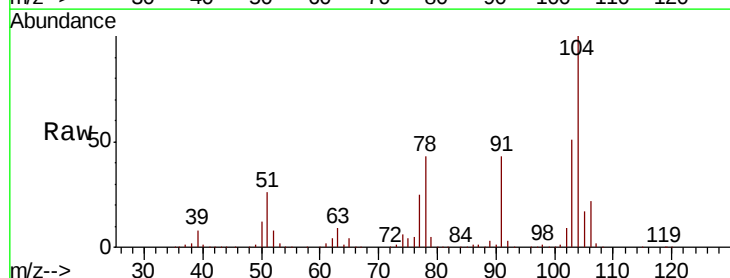
Manual Integrations
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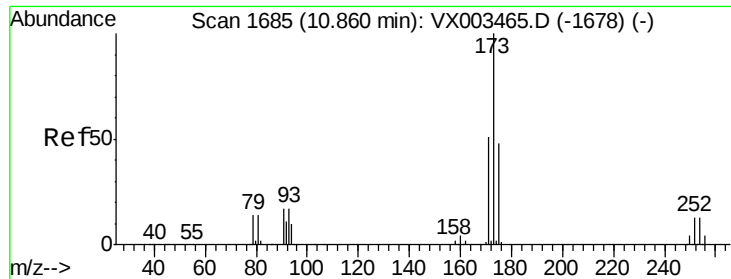
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#70
Styrene
Concen: 55.767 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion:104 Resp: 593907
Ion Ratio Lower Upper
104 100
78 47.4 41.0 61.6
103 55.5 44.2 66.4





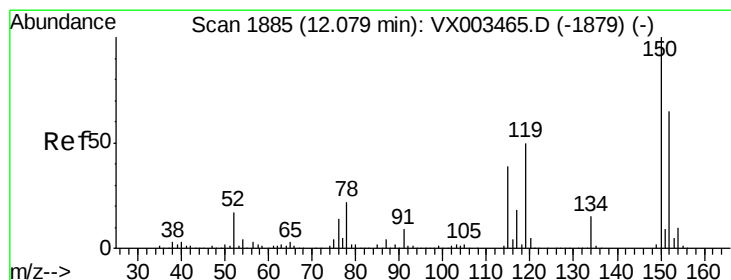
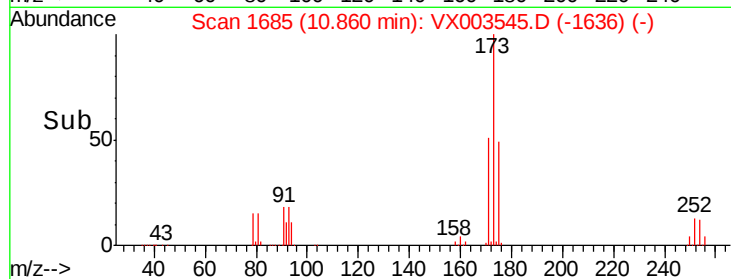
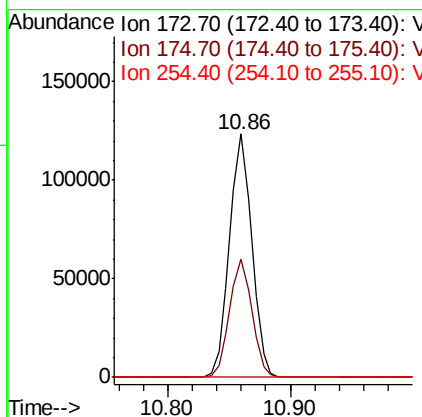
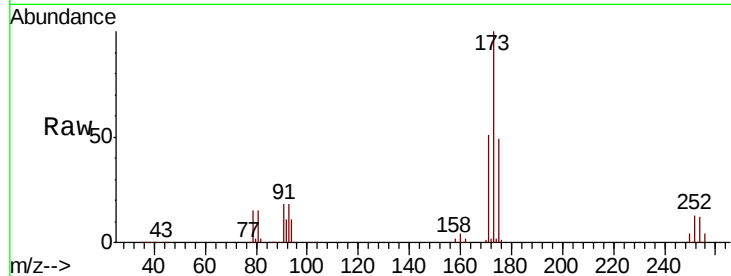
#71
Bromoform
Concen: 54.860 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 155775
Ion Ratio Lower Upper
173 100
175 48.5 24.7 74.1
254 0.2 0.2 0.2

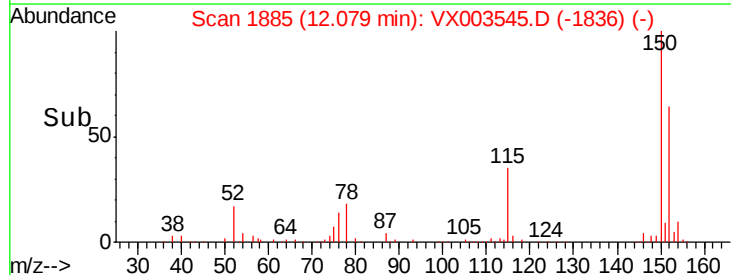
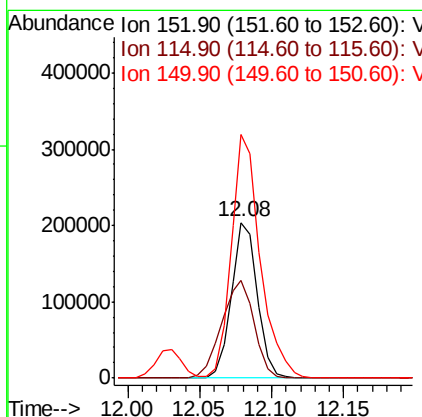
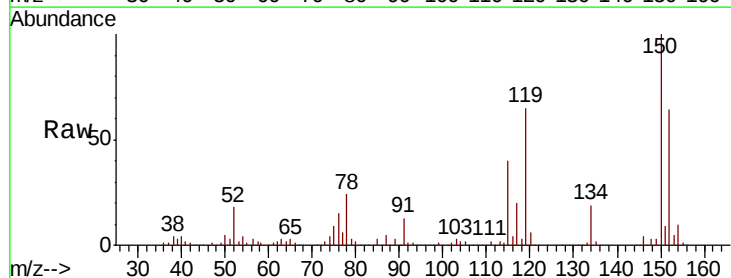
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion:152 Resp: 255962
Ion Ratio Lower Upper
152 100
115 78.8 40.1 120.2
150 175.1 0.0 347.2





#73

Isopropylbenzene

Concen: 52.825 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 935125

Ion Ratio Lower Upper

105 100

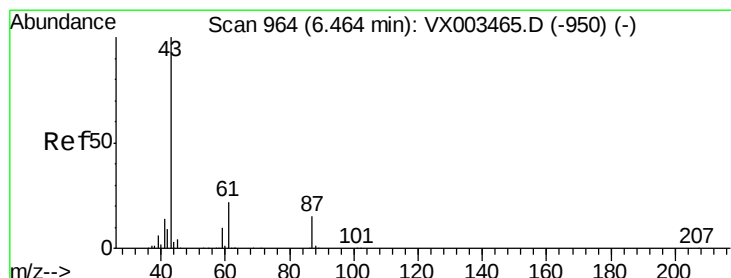
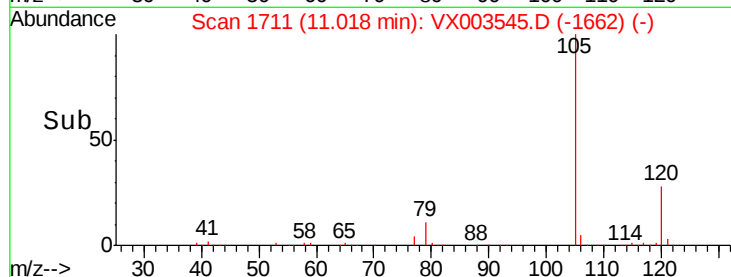
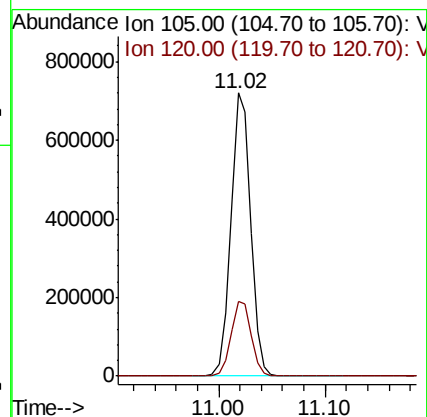
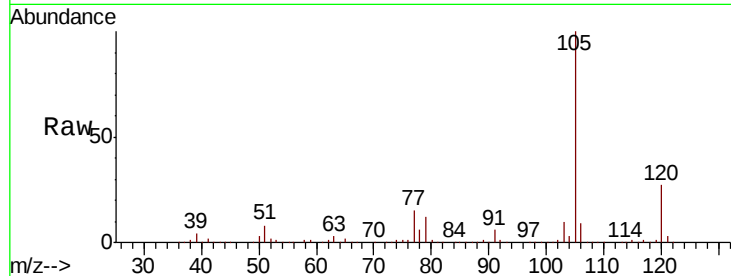
120 27.0 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.935 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Tgt Ion: 43 Resp: 375342

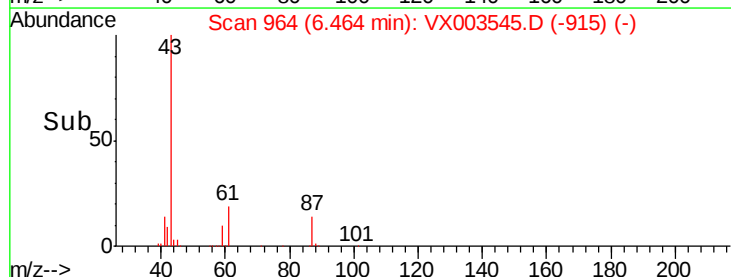
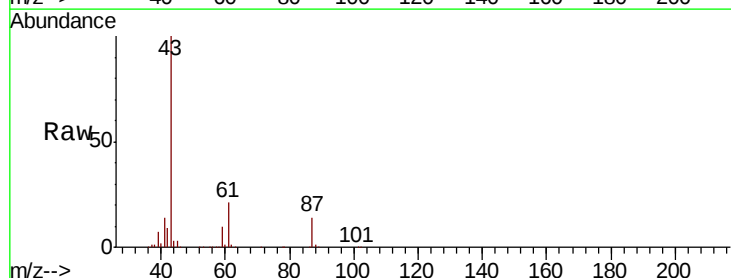
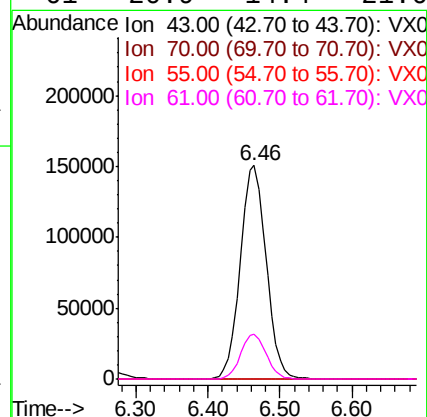
Ion Ratio Lower Upper

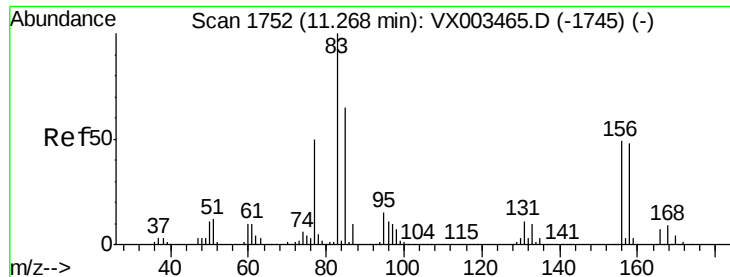
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 20.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.664 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 83 Resp: 257632
Ion Ratio Lower Upper

83 100

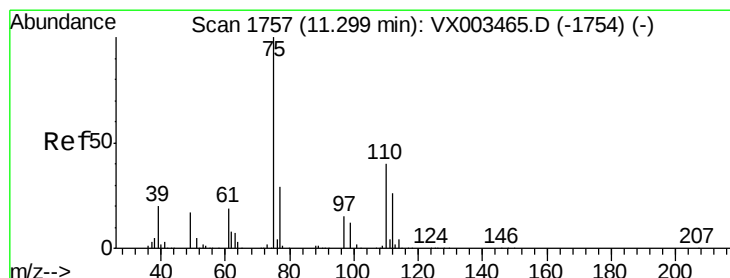
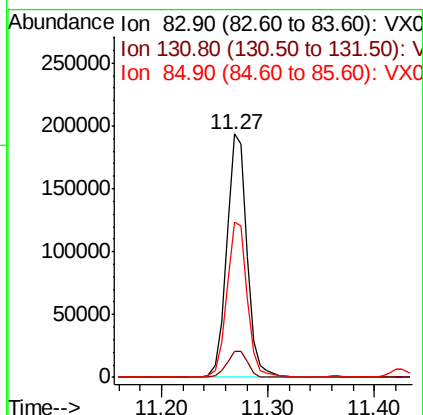
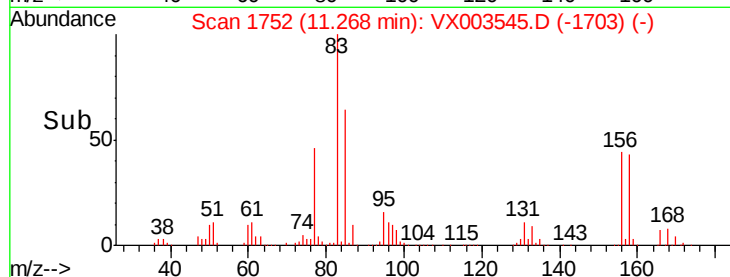
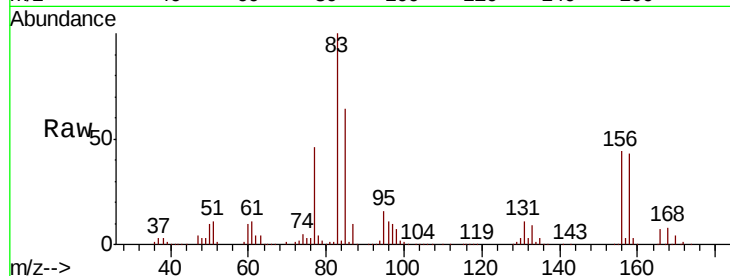
131 11.0 5.6 16.8

85 64.5 32.4 97.2

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#76

1,2,3-Trichloropropane

Concen: 52.461 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

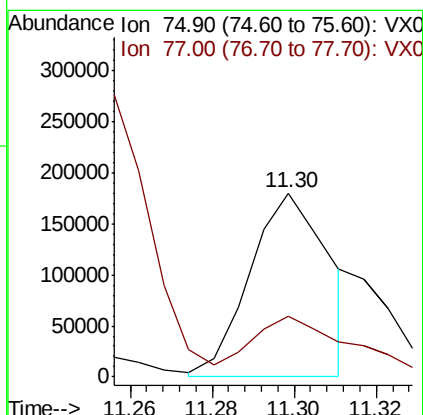
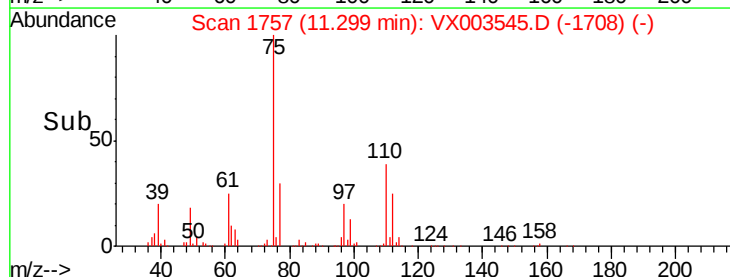
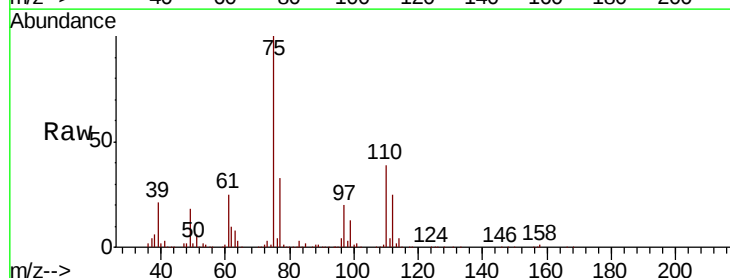
Lab File: VX003545.D

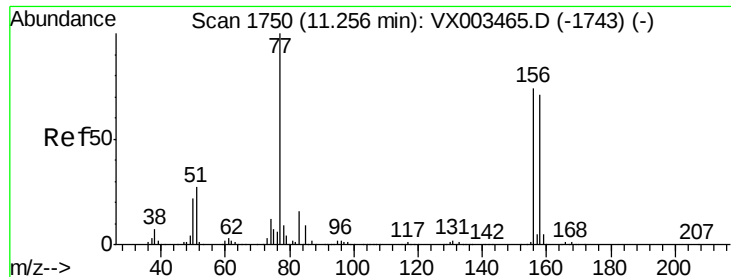
Acq: 21 Jul 2018 10:19

Tgt Ion: 75 Resp: 241233
Ion Ratio Lower Upper

75 100

77 42.0 22.8 68.3





#77

Bromobenzene

Concen: 50.650 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 156 Resp: 257879

Ion Ratio Lower Upper

156 100

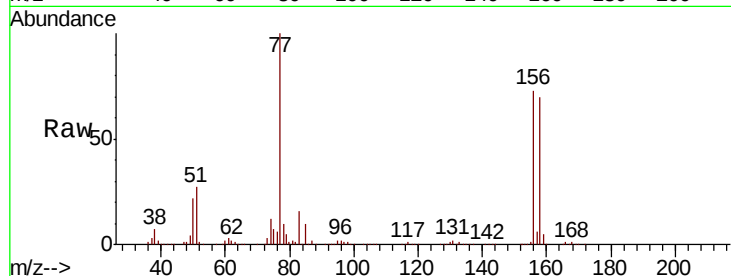
77 136.1 71.4 214.2

158 97.3 48.9 146.6

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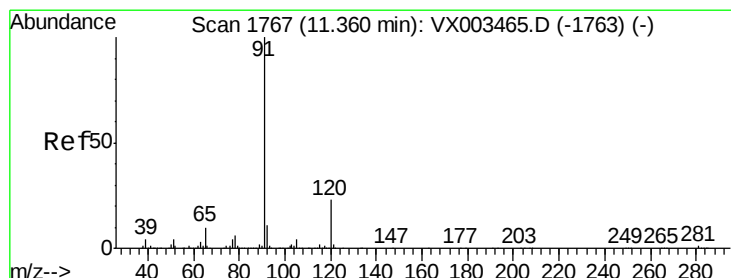
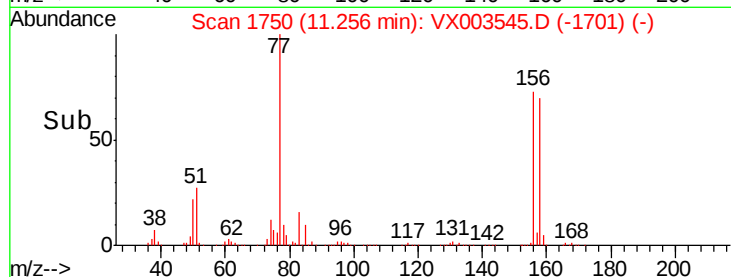
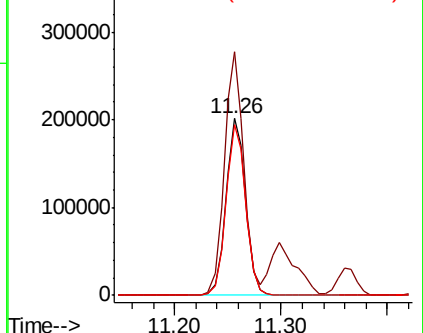
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.145 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003545.D

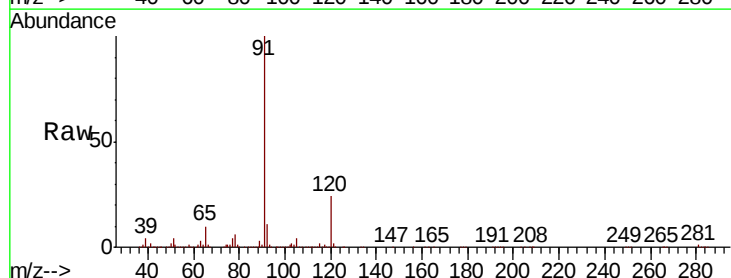
Acq: 21 Jul 2018 10:19

Tgt Ion: 91 Resp: 1065451

Ion Ratio Lower Upper

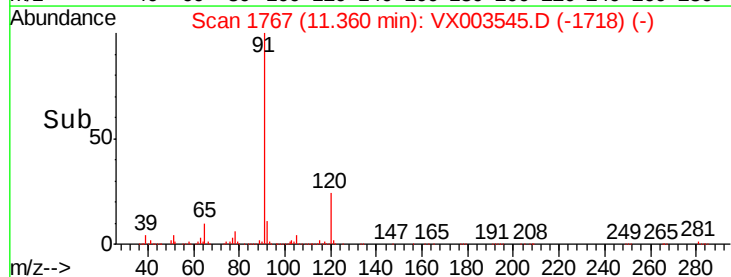
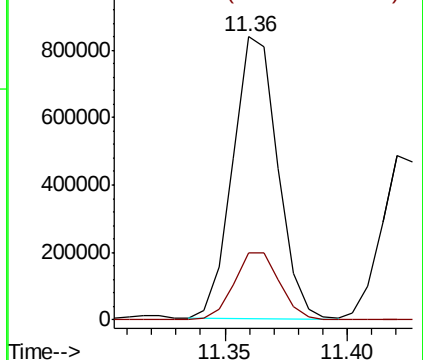
91 100

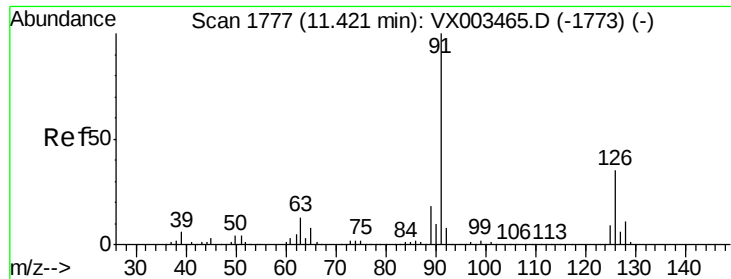
120 24.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





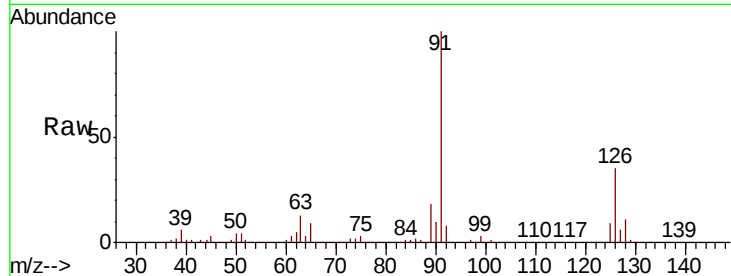
#79
 2-Chlorotoluene
 Concen: 52.713 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

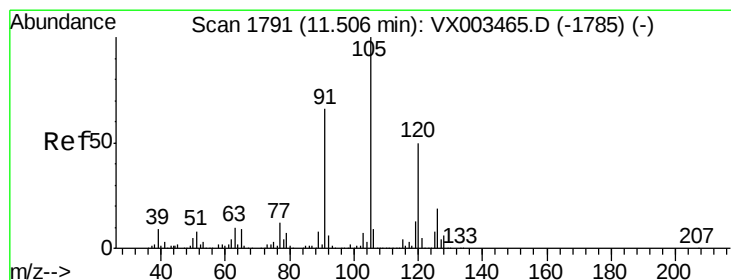
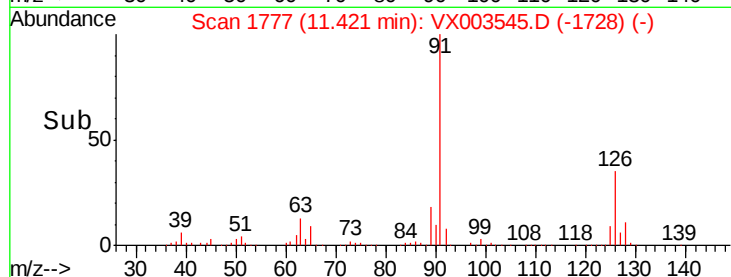
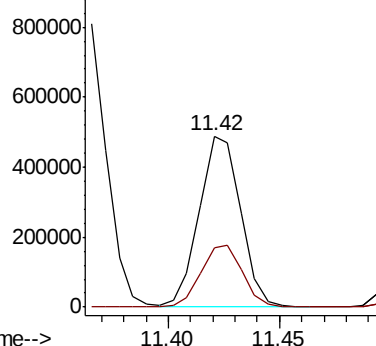
Tgt Ion: 91 Resp: 629693
 Ion Ratio Lower Upper
 91 100
 126 36.7 17.7 53.1

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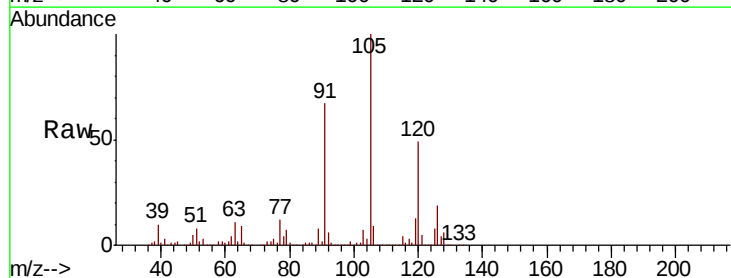


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

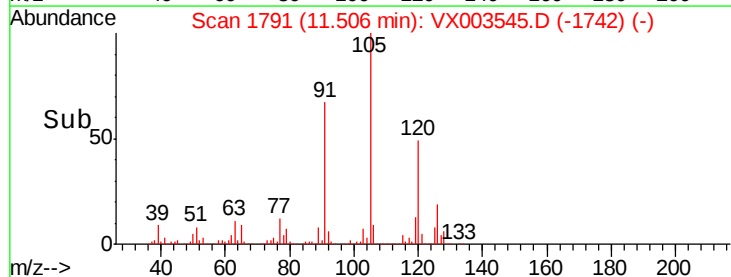
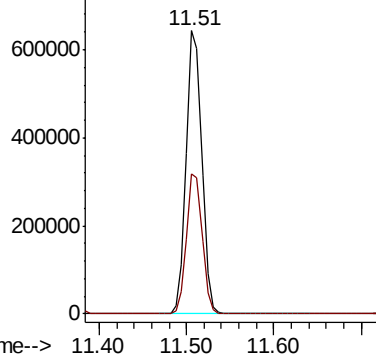


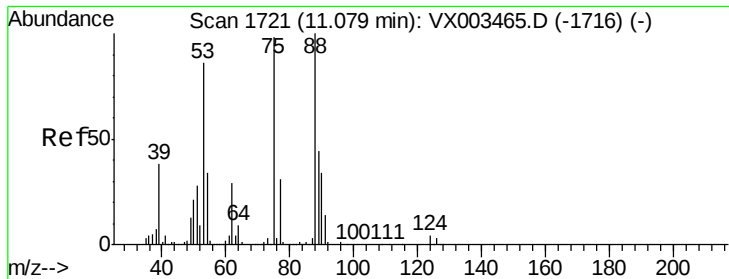
#80
 1,3,5-Trimethylbenzene
 Concen: 54.671 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Tgt Ion: 105 Resp: 795370
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.4 73.4



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





#81

trans-1,4-Dichloro-2-butene

Concen: 49.987 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

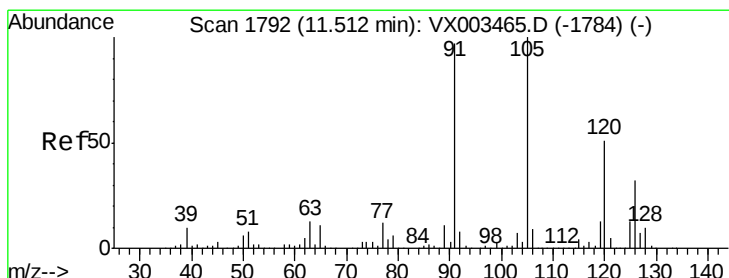
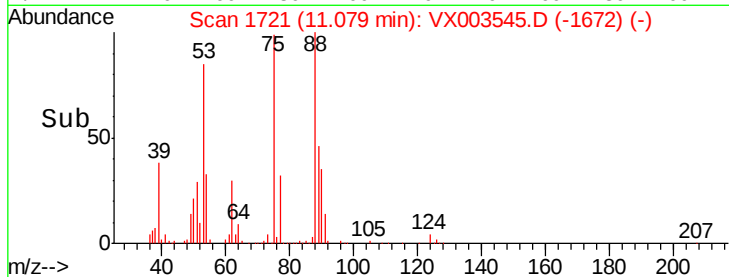
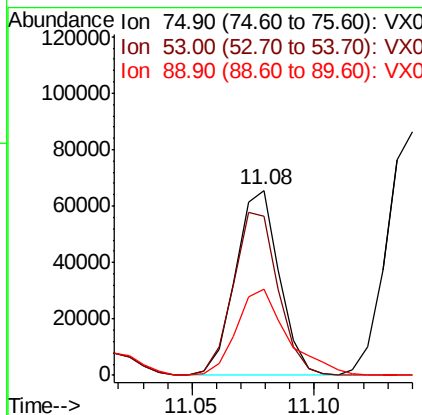
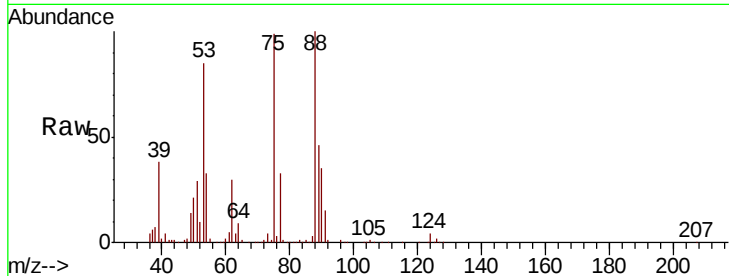
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	80930
Ion	Ratio	Lower	Upper
75	100		
53	91.0	86.8	130.2
89	54.4	38.2	57.2

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#82

4-Chlorotoluene

Concen: 53.187 ug/l

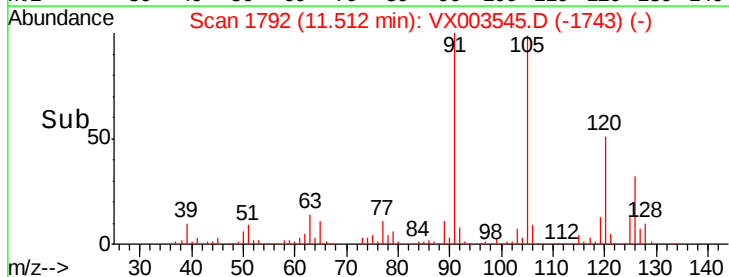
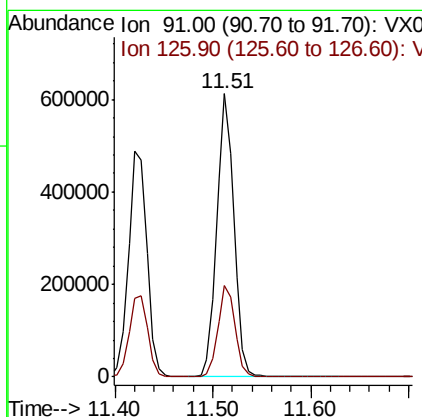
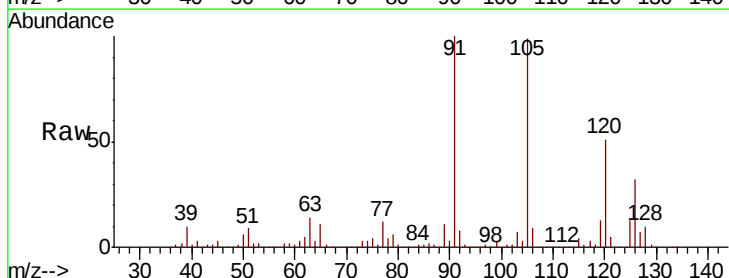
RT: 11.51 min Scan# 1792

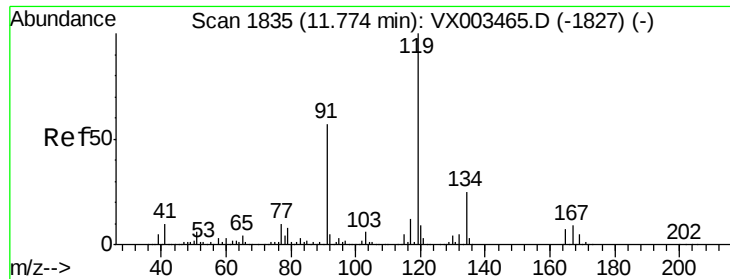
Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Tgt Ion:	91	Resp:	744481
Ion	Ratio	Lower	Upper
91	100		
126	32.2	15.4	46.4





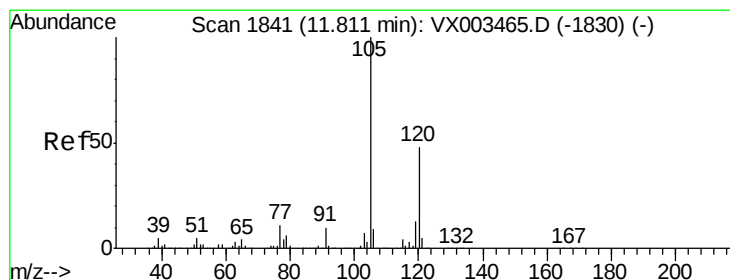
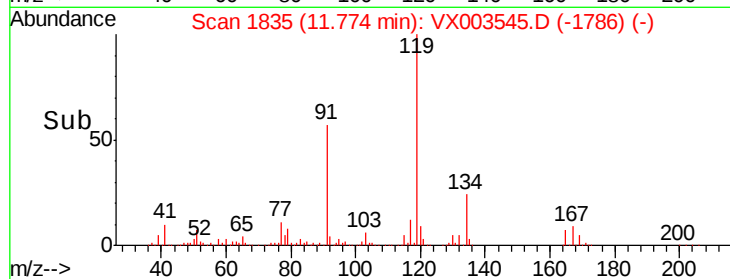
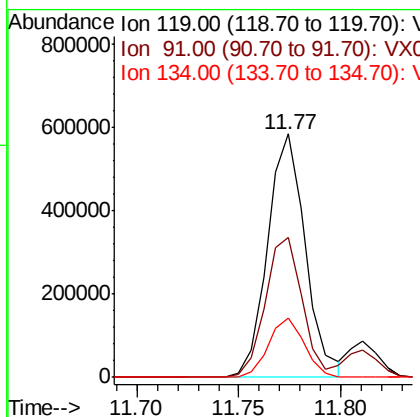
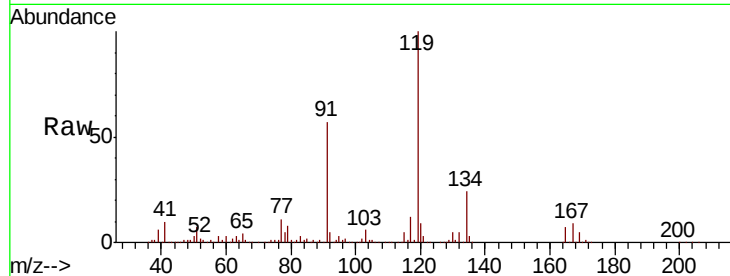
#83
 tert-Butylbenzene
 Concen: 52.994 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.9	30.3	90.9
134	23.4	11.7	35.1

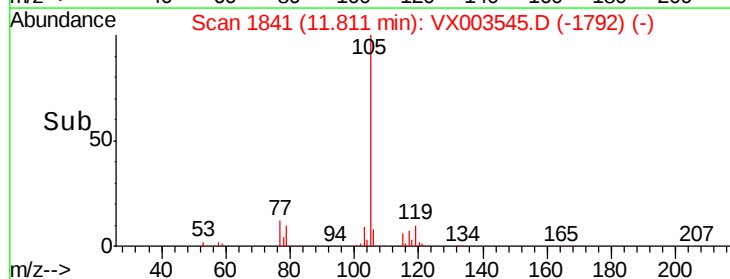
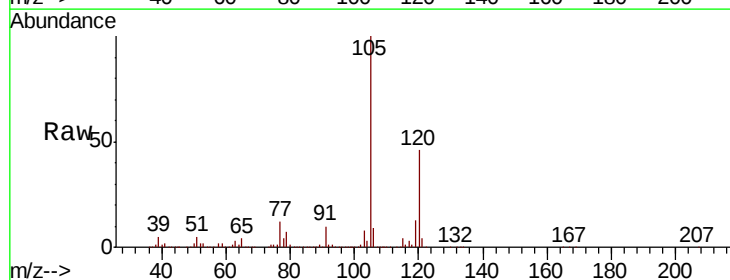
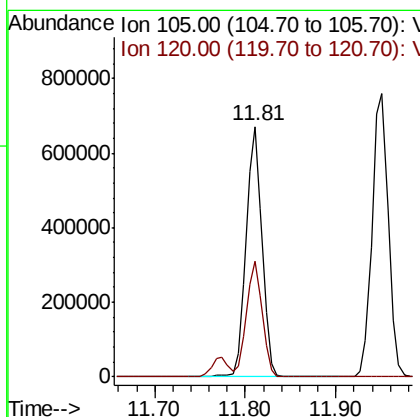
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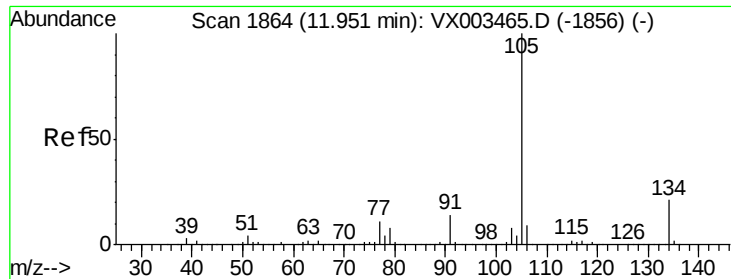
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.107 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.3	66.8





#85

sec-Butylbenzene

Concen: 54.257 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 938920

Ion Ratio Lower Upper

105 100

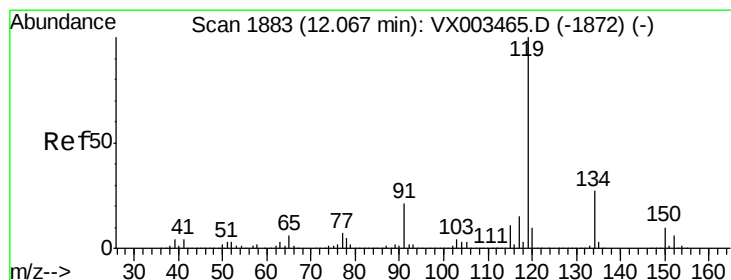
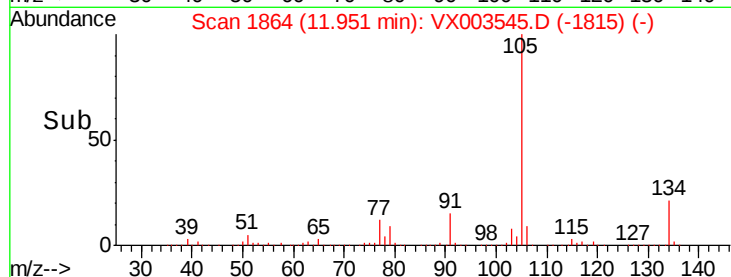
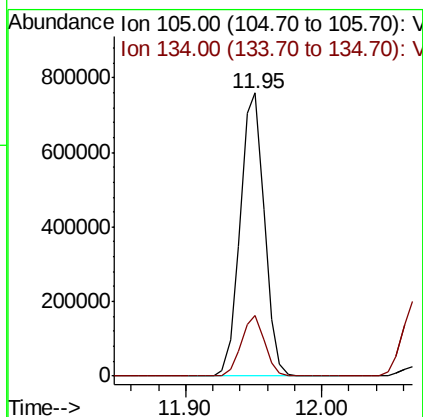
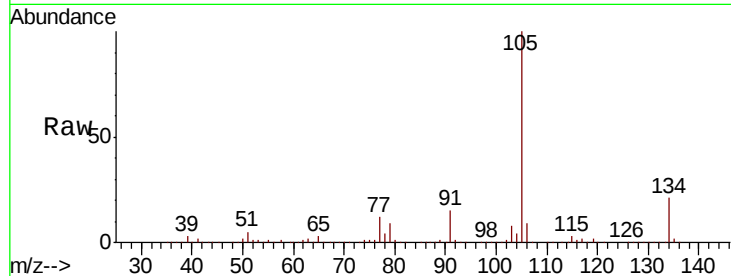
134 20.7 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 54.969 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

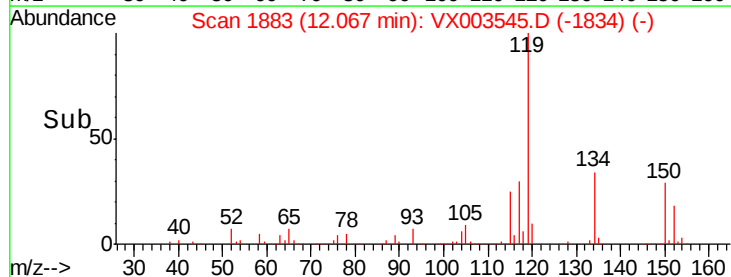
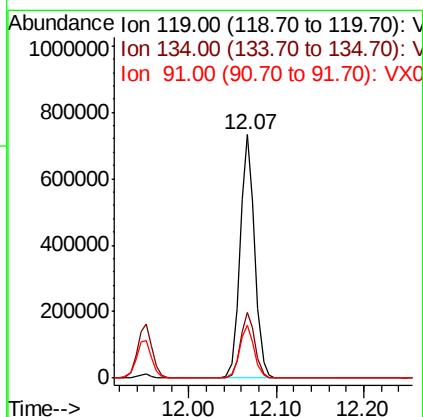
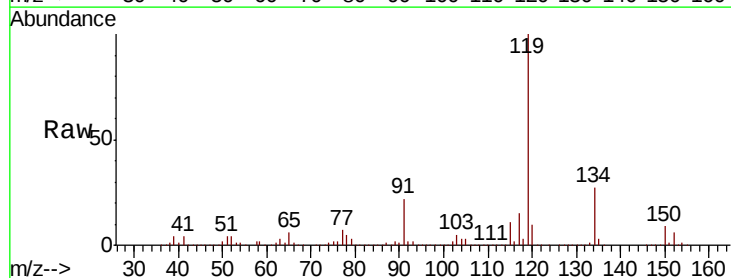
Tgt Ion:119 Resp: 853694

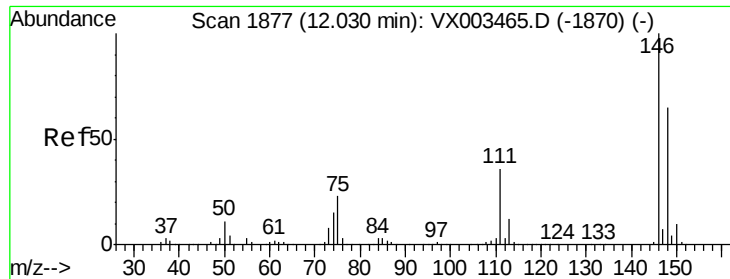
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.0 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 50.558 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 473172

Ion Ratio Lower Upper

146 100

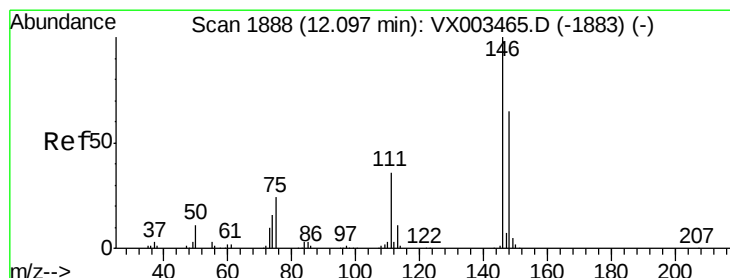
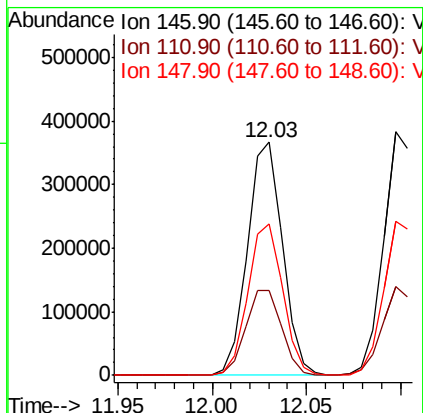
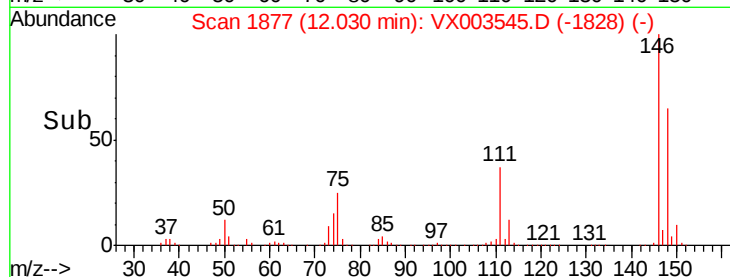
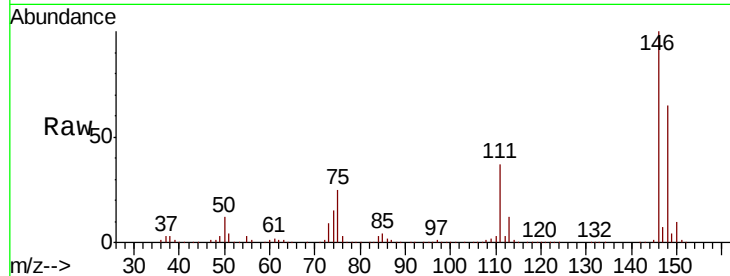
111 37.5 18.9 56.7

148 64.9 32.1 96.3

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#88

1,4-Dichlorobenzene

Concen: 49.945 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003545.D

Acq: 21 Jul 2018 10:19

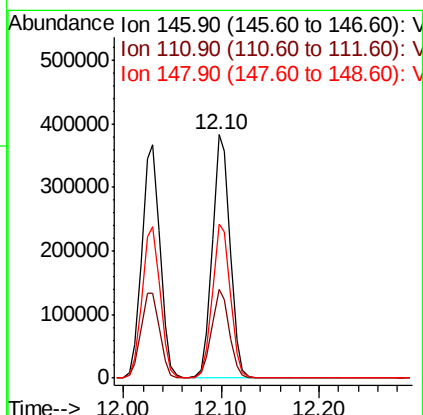
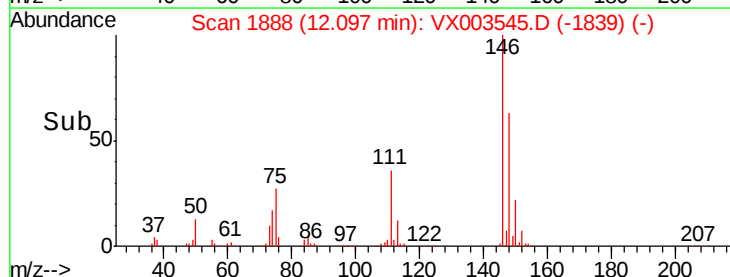
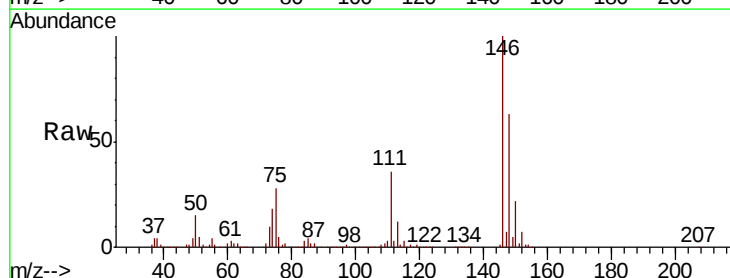
Tgt Ion:146 Resp: 481520

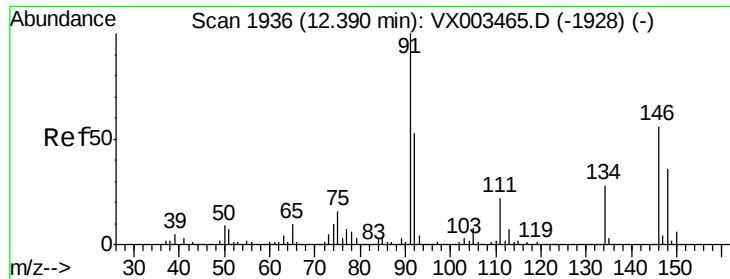
Ion Ratio Lower Upper

146 100

111 36.2 18.7 56.1

148 63.9 32.4 97.0





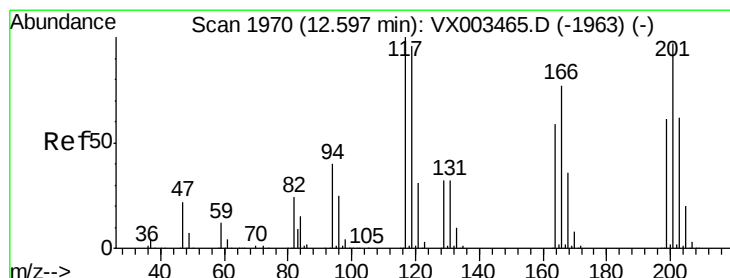
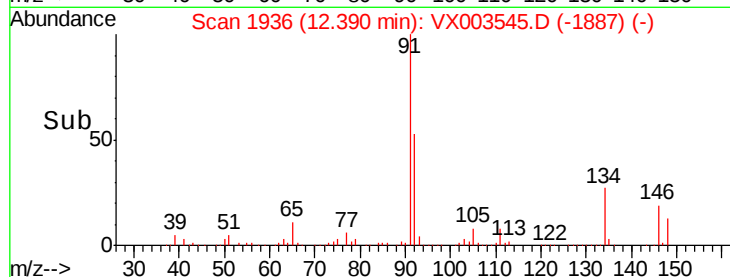
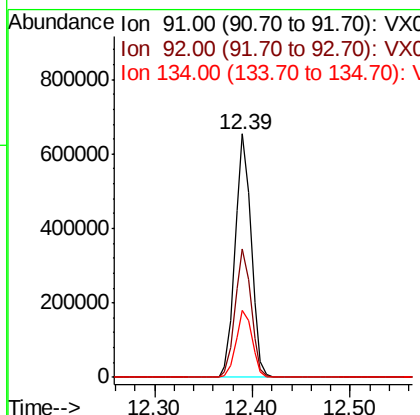
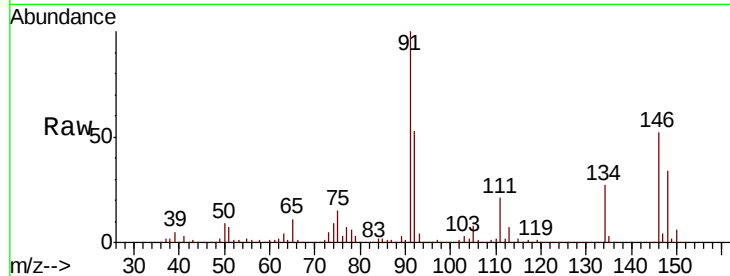
#89
n-Butylbenzene
Concen: 56.425 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.0	78.0
134	27.8	13.5	40.5

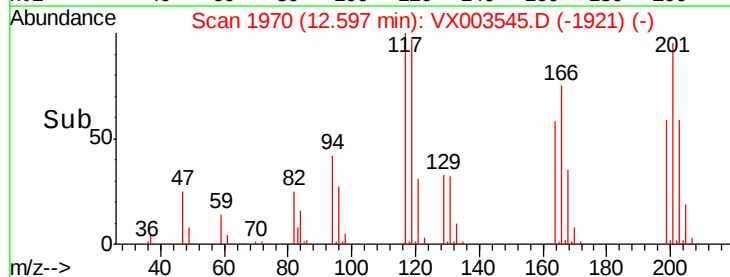
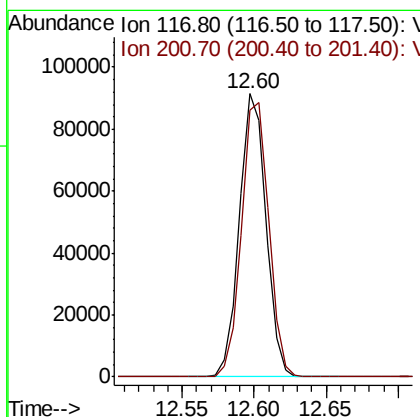
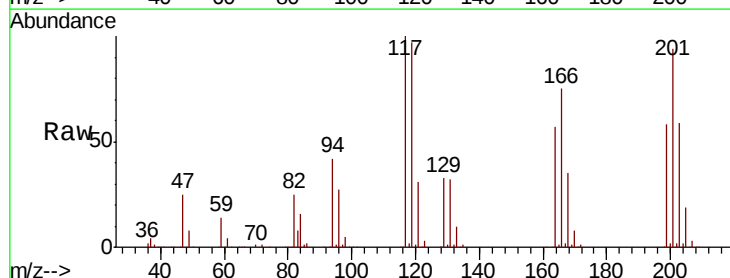
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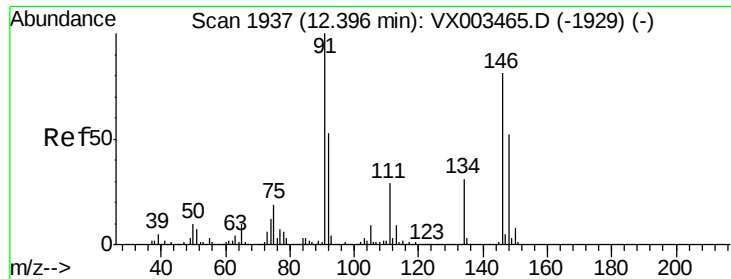
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#90
Hexachloroethane
Concen: 53.073 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.2	49.0	147.0





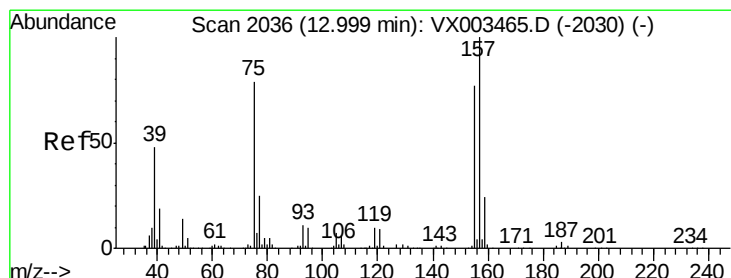
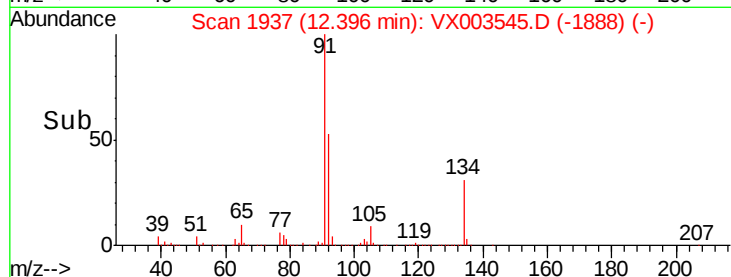
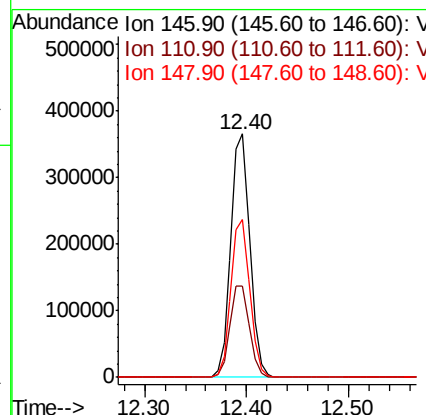
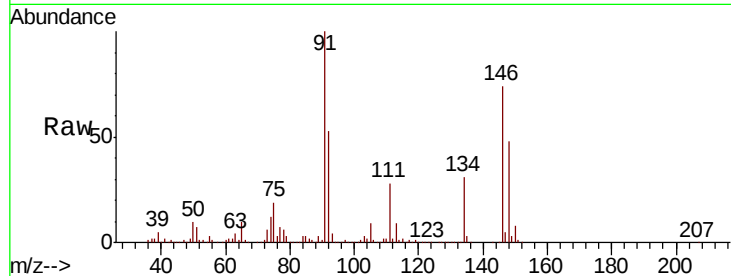
#91
 1,2-Dichlorobenzene
 Concen: 51.018 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.1
148	64.4	31.7	95.1

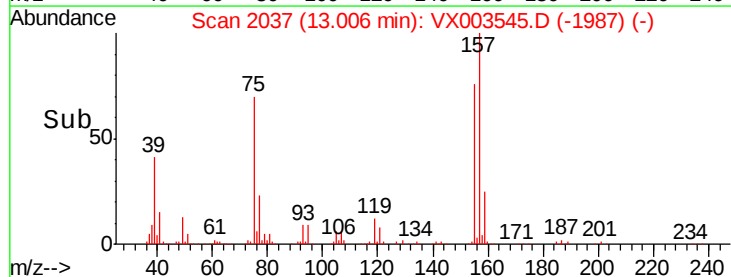
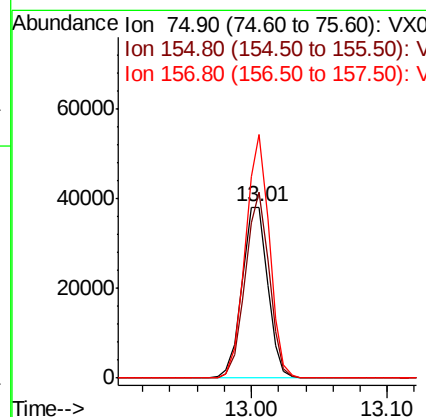
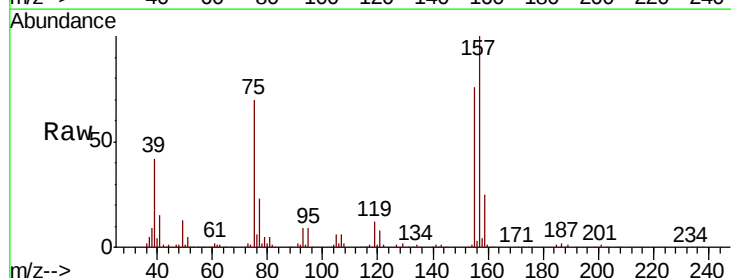
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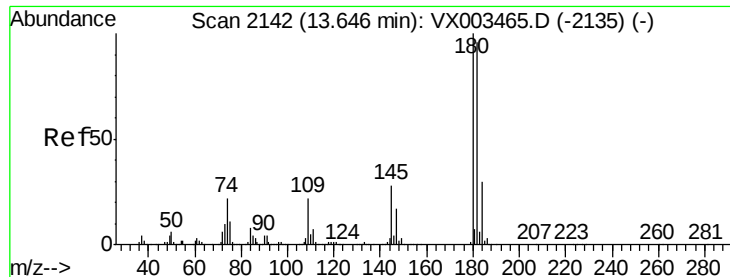
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.919 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003545.D
 Acq: 21 Jul 2018 10:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.8	45.8	137.4
157	131.6	60.1	180.3





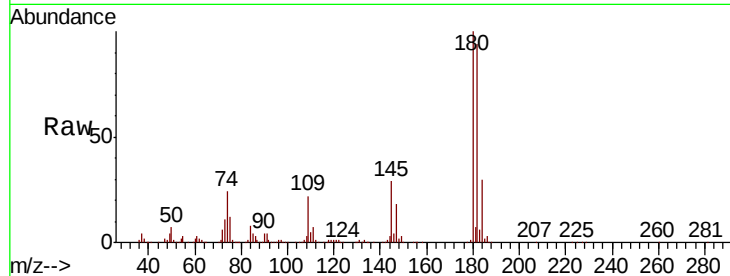
#93
1,2,4-Trichlorobenzene
Concen: 51.448 ug/l
RT: 13.65 min Scan# 2142
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	347809		
182	95.5	47.7	143.1	
145	28.0	14.1	42.4	

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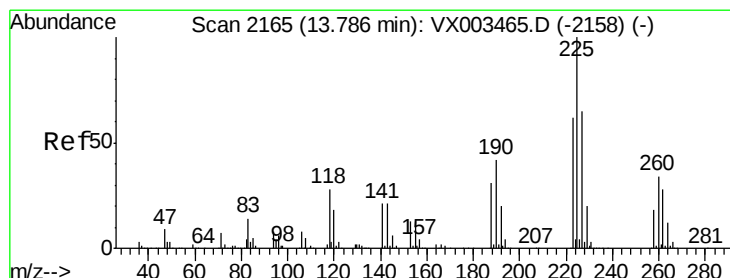
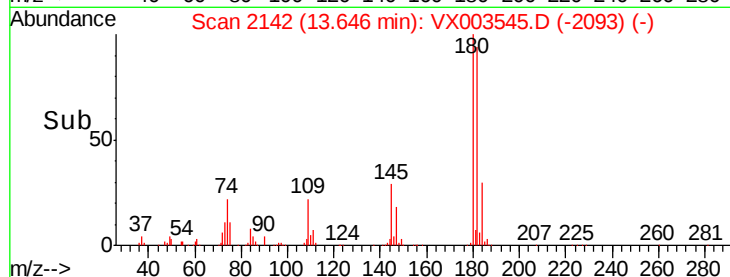
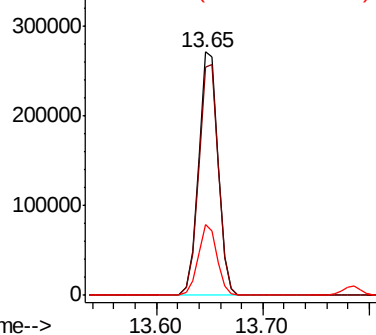


Abundance

Ion 179.80 (179.50 to 180.50): V

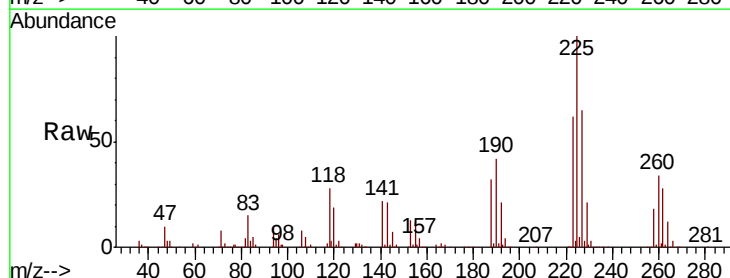
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 52.481 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	170628		
223	62.4	31.6	95.0	
227	64.0	32.4	97.2	

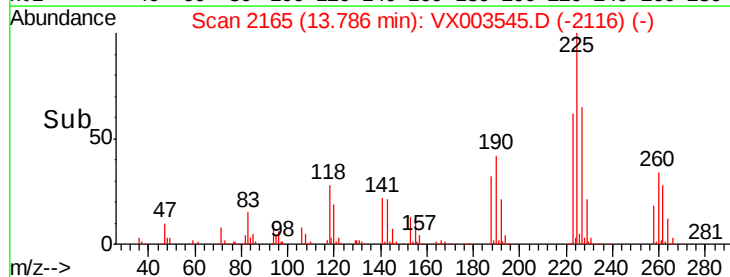
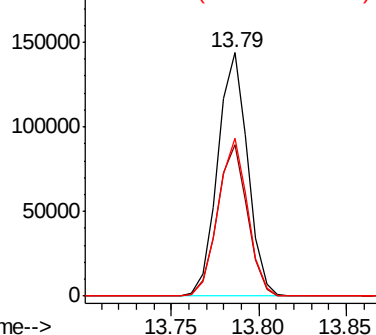


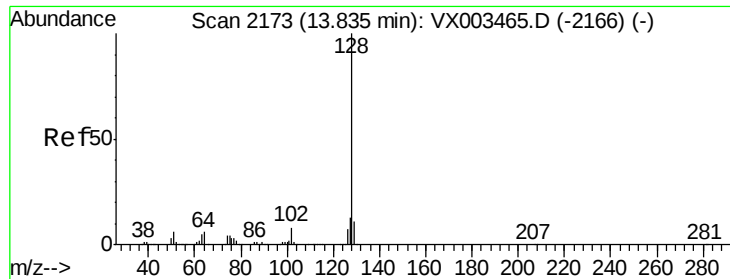
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





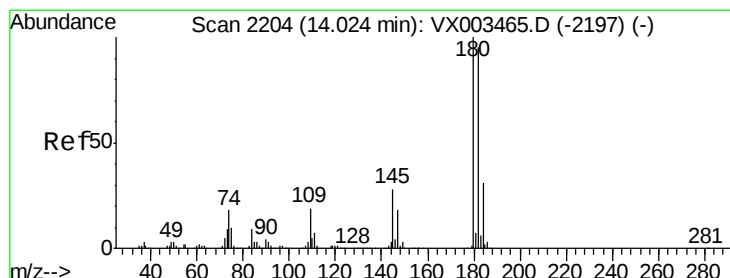
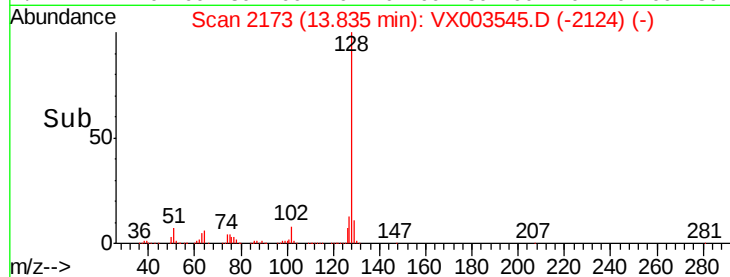
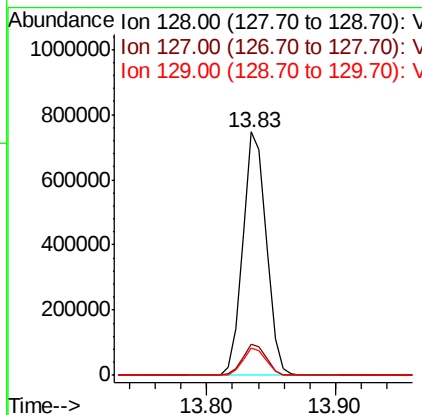
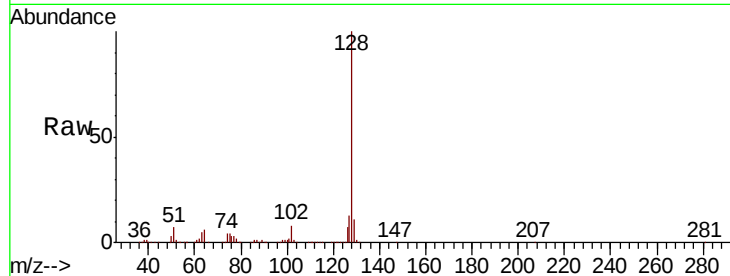
#95
Naphthalene
Concen: 52.472 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	932115		
127	12.9	10.4	15.6	
129	11.0	8.6	13.0	

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#96
1,2,3-Trichlorobenzene
Concen: 51.223 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003545.D
Acq: 21 Jul 2018 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	342796		
182	95.2	48.0	144.0	
145	29.5	14.8	44.3	

