

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000528.D
 Acq On : 29 Mar 2018 21:56
 Operator : JC/MD
 Sample : VX0329MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0329MBS01

Manual Integrations
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sam
 3/30/2018 4:11:00 PM

Quant Time: Mar 30 07:56:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	120248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	205854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	205507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119788	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	74166	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	5.51	113	58887	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
50) Toluene-d8	8.73	98	233539	43.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.94%	
62) 4-Bromofluorobenzene	11.15	95	88299	40.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	23834	17.98	ug/l	99
3) Chloromethane	1.32	50	24410	17.48	ug/l	99
4) Vinyl Chloride	1.41	62	30368	20.59	ug/l	99
5) Bromomethane	1.64	94	34363	19.48	ug/l	89
6) Chloroethane	1.73	64	22751	27.24	ug/l	97
7) Trichlorofluoromethane	1.93	101	60525	22.73	ug/l	100
8) Diethyl Ether	2.20	74	20731	21.79	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32162	21.66	ug/l	99
10) Methyl Iodide	2.52	142	17661	15.25	ug/l	99
11) Tert butyl alcohol	3.08	59	61841	114.54	ug/l	99
12) 1,1-Dichloroethene	2.38	96	28440	21.82	ug/l	94
13) Acrolein	2.30	56	16968	107.26	ug/l	100
14) Allyl chloride	2.73	41	52769	22.87	ug/l	98
15) Acrylonitrile	3.16	53	123316	112.77	ug/l	99
16) Acetone	2.45	43	121451	93.01	ug/l	93
17) Carbon Disulfide	2.57	76	69996	20.20	ug/l	99
18) Methyl Acetate	2.79	43	65638	23.98	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	110554	22.93	ug/l	99
20) Methylene Chloride	2.87	84	34640	22.97	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	31987	22.00	ug/l	99
22) Diisopropyl ether	3.88	45	69973	17.17	ug/l	98
23) Vinyl Acetate	3.84	43	320695	83.03	ug/l	99
24) 1,1-Dichloroethane	3.70	63	44077	17.21	ug/l	99
25) 2-Butanone	4.72	43	134537	91.67	ug/l	99
26) 2,2-Dichloropropane	4.59	77	29201	16.26	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	26457	19.47	ug/l	95
28) Bromochloromethane	5.03	49	18497	17.51	ug/l	95
29) Tetrahydrofuran	5.18	42	87225	96.59	ug/l	97
30) Chloroform	5.23	83	48749	20.31	ug/l	99
31) Cyclohexane	5.59	56	37125	18.75	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	43264	19.98	ug/l	98
36) 1,1-Dichloropropene	5.81	75	35736	18.53	ug/l	99
37) Ethyl Acetate	4.87	43	47794	18.15	ug/l	100
38) Carbon Tetrachloride	5.79	117	35628	17.61	ug/l	99

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.48	83	41681	17.77	ug/l	98
40) Benzene	6.15	78	108450	19.37	ug/l	96
41) Methacrylonitrile	5.07	41	25678	18.49	ug/l	98
42) 1,2-Dichloroethane	6.21	62	42736	19.45	ug/l	99
43) Isopropyl Acetate	6.48	43	73883	18.84	ug/l	98
44) Trichloroethene	7.22	130	30902	19.26	ug/l	100
45) 1,2-Dichloropropane	7.52	63	28291	19.74	ug/l	96
46) Dibromomethane	7.67	93	22398	19.91	ug/l	98
47) Bromodichloromethane	7.91	83	38777	19.59	ug/l	97
48) Methyl methacrylate	7.79	41	36129	18.98	ug/l	97
49) 1,4-Dioxane	7.77	88	16383	409.47	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	294774	97.13	ug/l	98
52) Toluene	8.79	92	73884	18.87	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	43630	19.02	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	40790	18.33	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	31281	19.43	ug/l	97
56) Ethyl methacrylate	9.19	69	45070	18.48	ug/l	98
57) 1,3-Dichloropropane	9.38	76	51897	20.16	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	92396	78.92	ug/l	99
59) 2-Hexanone	9.51	43	242812	94.23	ug/l	97
60) Dibromochloromethane	9.59	129	30989	19.04	ug/l	99
61) 1,2-Dibromoethane	9.68	107	34773	20.14	ug/l	97
64) Tetrachloroethene	9.34	164	29553	18.53	ug/l	93
65) Chlorobenzene	10.15	112	86928	19.01	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	30447	19.60	ug/l	98
67) Ethyl Benzene	10.26	91	148538	19.16	ug/l	98
68) m/p-Xylenes	10.37	106	115720	37.93	ug/l	100
69) o-Xylene	10.71	106	55654	18.84	ug/l	98
70) Styrene	10.72	104	92974	19.02	ug/l	98
71) Bromoform	10.87	173	23591	17.96	ug/l #	98
73) Isopropylbenzene	11.02	105	151530	19.09	ug/l	99
74) N-amyl acetate	6.48	43	73883	19.34	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	56191	20.02	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	48984m	19.03	ug/l	
77) Bromobenzene	11.26	156	38040	17.99	ug/l	97
78) n-propylbenzene	11.37	91	180228	19.04	ug/l	99
79) 2-Chlorotoluene	11.43	91	101478	18.56	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	128618	19.27	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	13341	16.78	ug/l	94
82) 4-Chlorotoluene	11.52	91	124527	19.08	ug/l	100
83) tert-Butylbenzene	11.78	119	127638	18.96	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	133140	19.03	ug/l	99
85) sec-Butylbenzene	11.95	105	160614	19.29	ug/l	99
86) p-Isopropyltoluene	12.07	119	140071	18.94	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	74548	18.65	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	76880	18.32	ug/l	98
89) n-Butylbenzene	12.40	91	132695	19.27	ug/l	99
90) Hexachloroethane	12.60	117	22125	19.01	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	75582	19.28	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14416	18.41	ug/l	98

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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBSD01

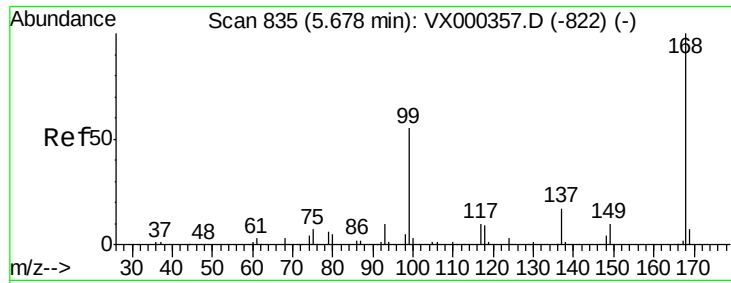
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53645	19.09	ug/l	98
94) Hexachlorobutadiene	13.79	225	21929	18.85	ug/l	99
95) Naphthalene	13.84	128	190097	19.42	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	54108	19.49	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

ClientSampleId :

VX0329MBS01

Tot Ion:168 Resp: 120248

Ion Ratio Lower Upper

168 100

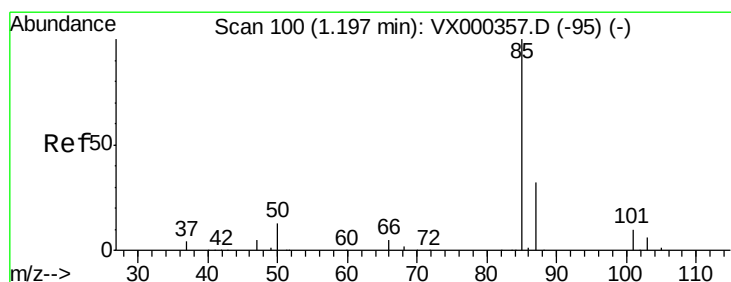
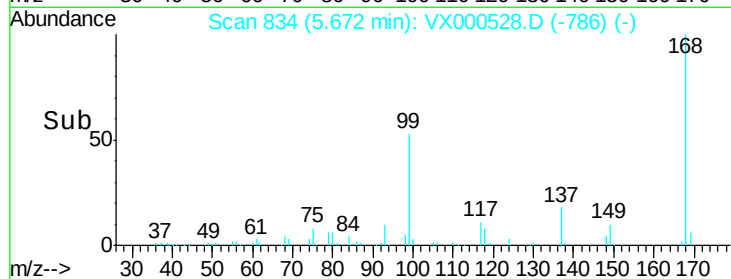
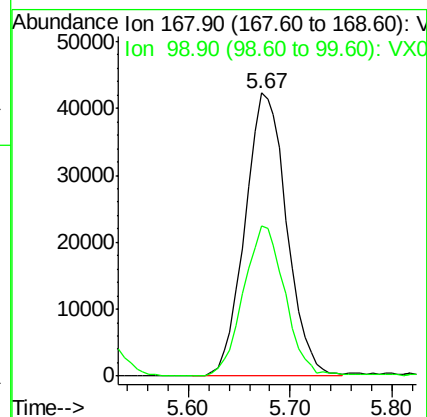
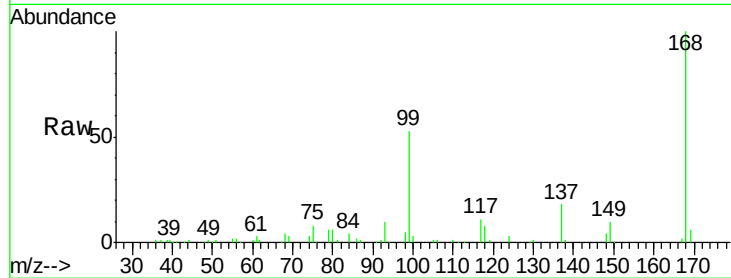
99 53.1 45.8 68.6

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#2

Dichlorodifluoromethane

Concen: 17.98 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000528.D

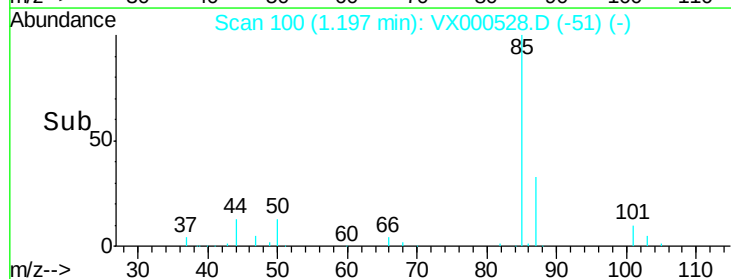
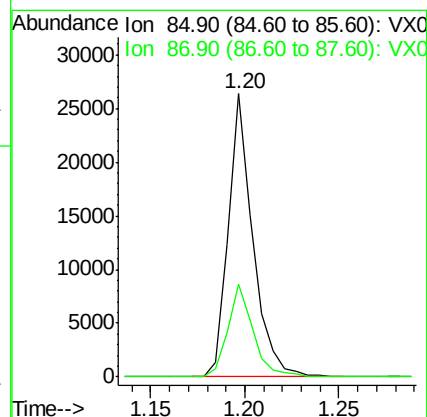
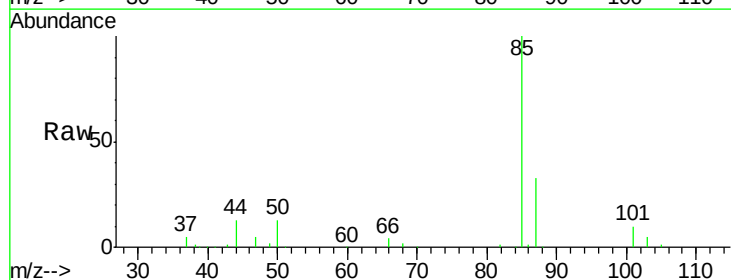
Acq: 29 Mar 2018 21:56

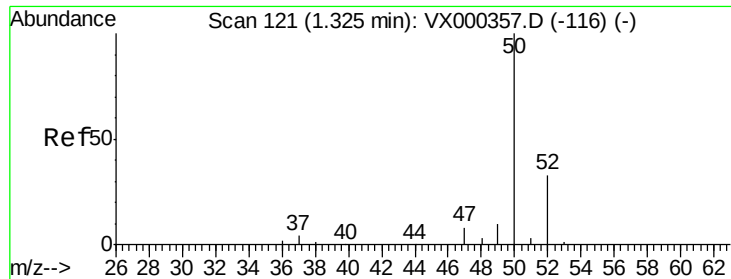
Tgt Ion: 85 Resp: 23834

Ion Ratio Lower Upper

85 100

87 32.7 16.8 50.3





#3

Chloromethane

Concen: 17.48 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

ClientSampleId :

VX0329MBS01

Tot Ion: 50 Resp: 24410

Ion Ratio Lower Upper

50 100

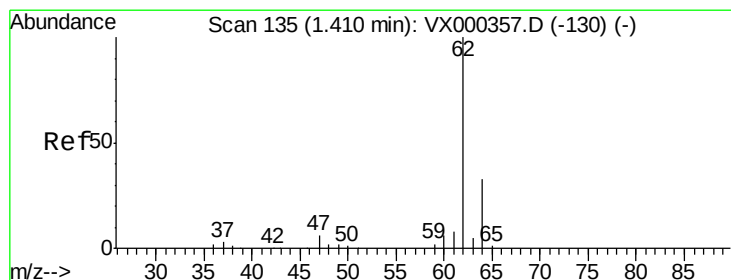
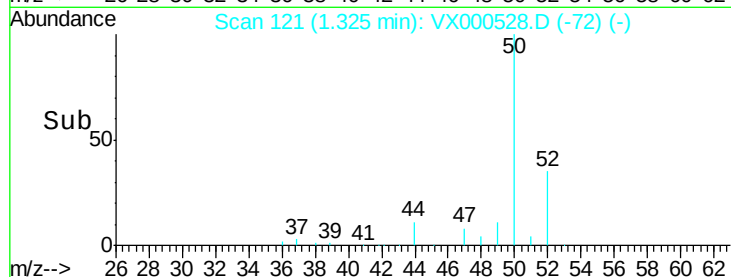
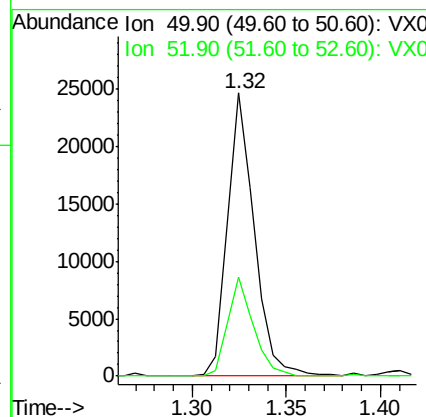
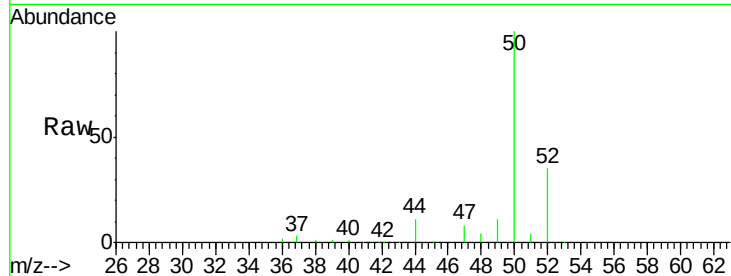
52 34.8 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.59 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000528.D

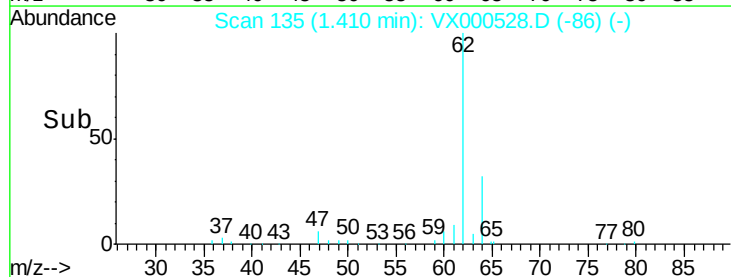
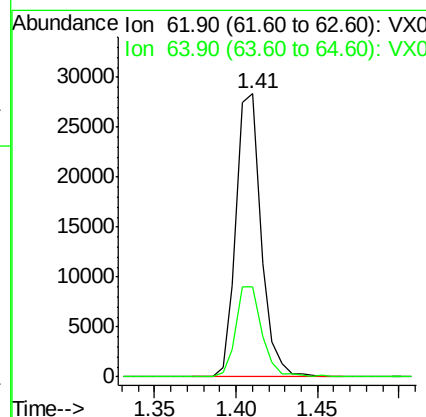
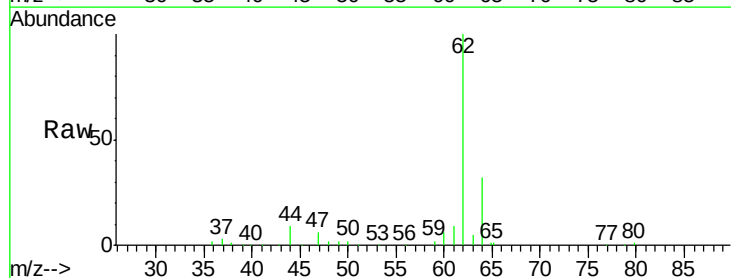
Acq: 29 Mar 2018 21:56

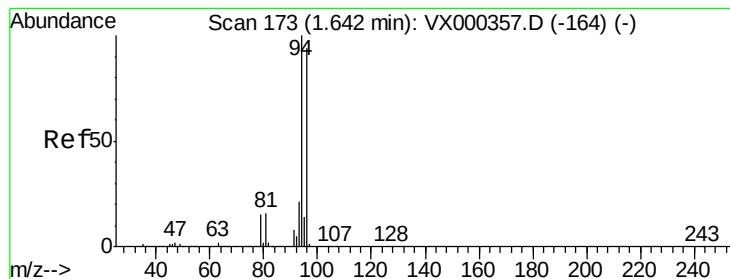
Tgt Ion: 62 Resp: 30368

Ion Ratio Lower Upper

62 100

64 31.6 24.8 37.2





#5

Bromomethane

Concen: 19.48 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

ClientSampleId :

VX0329MBS01

Tot Ion: 94 Resp: 34363

Ion Ratio Lower Upper

94 100

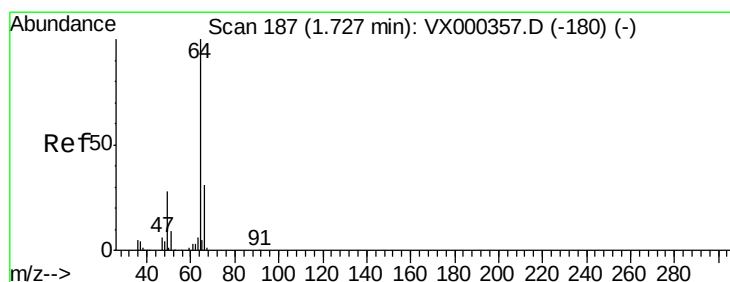
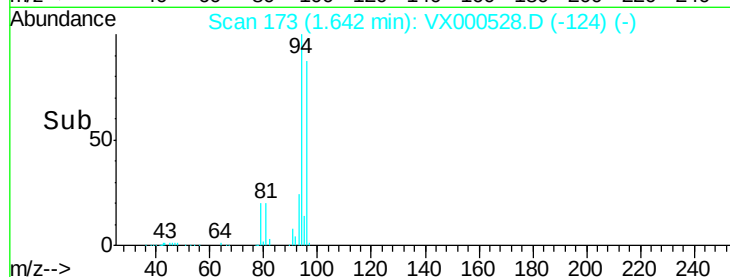
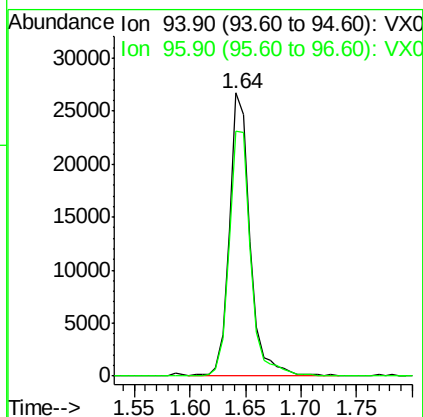
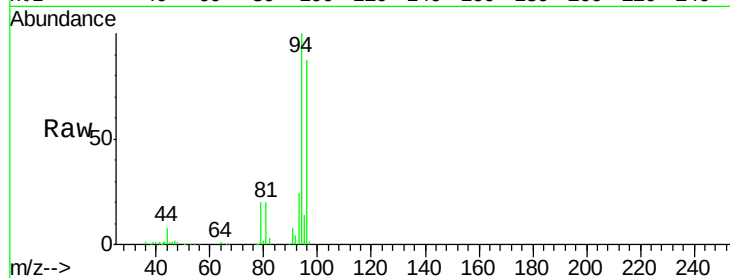
96 86.6 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 27.24 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000528.D

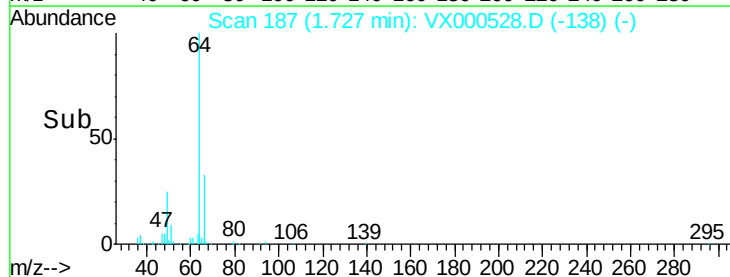
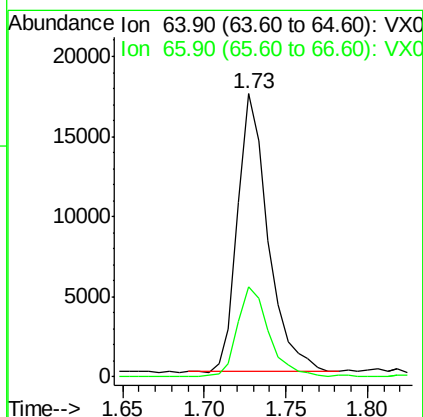
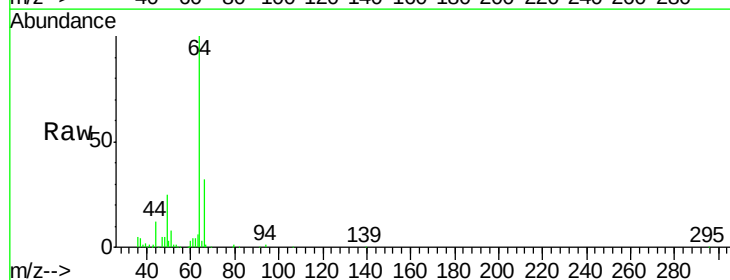
Acq: 29 Mar 2018 21:56

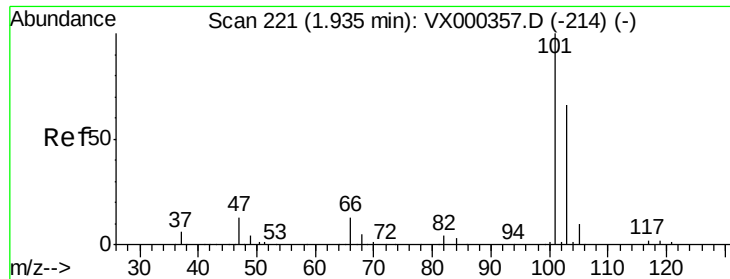
Tgt Ion: 64 Resp: 22751

Ion Ratio Lower Upper

64 100

66 32.4 24.8 37.2





#7

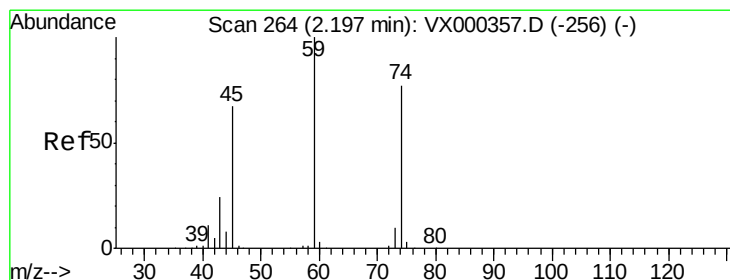
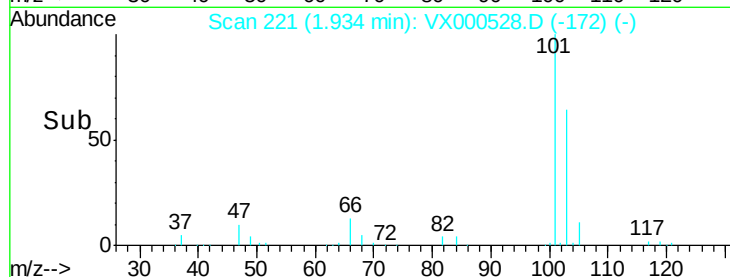
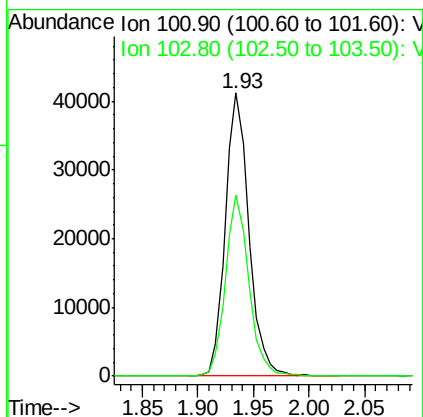
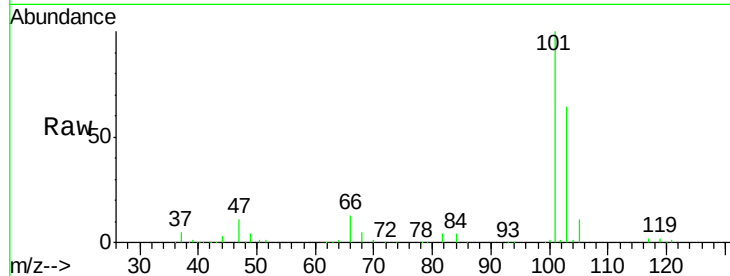
Trichlorofluoromethane
 Concen: 22.73 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.6	77.4

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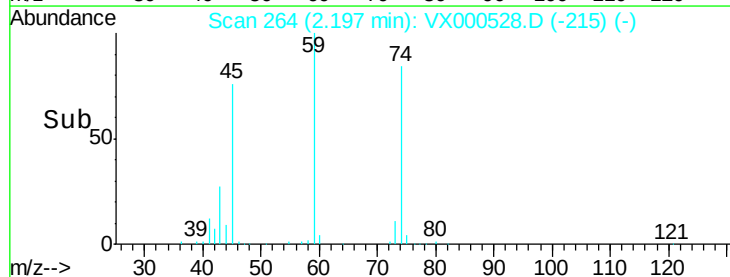
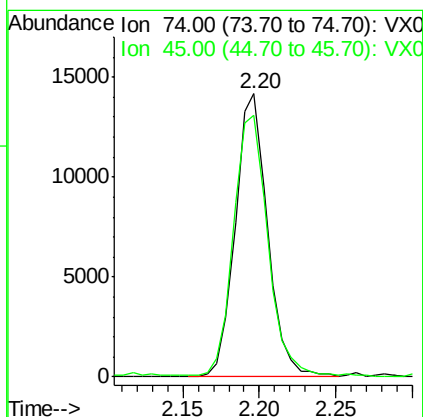
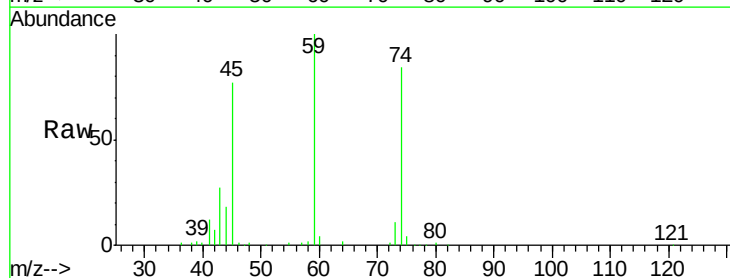
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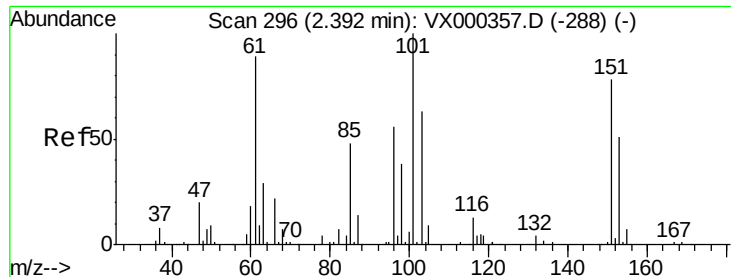


#8

Diethyl Ether
 Concen: 21.79 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.8	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.66 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

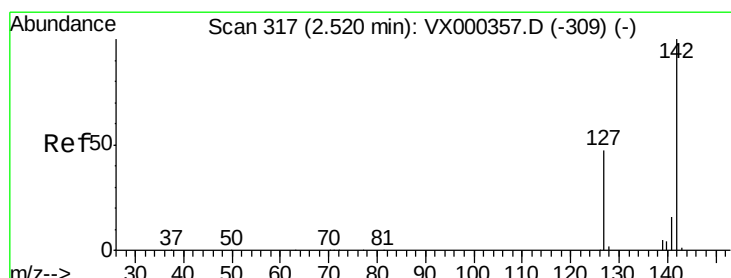
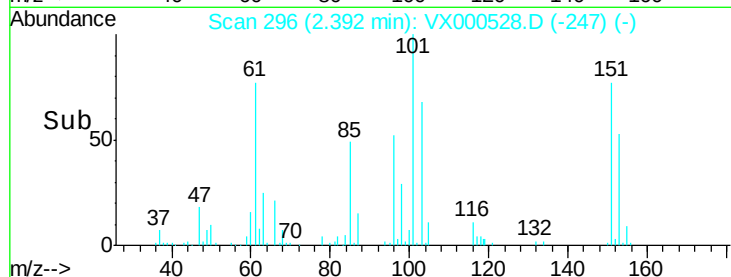
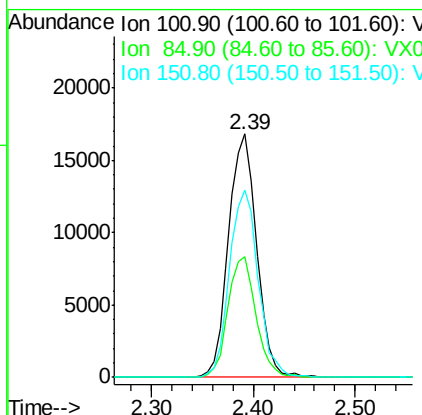
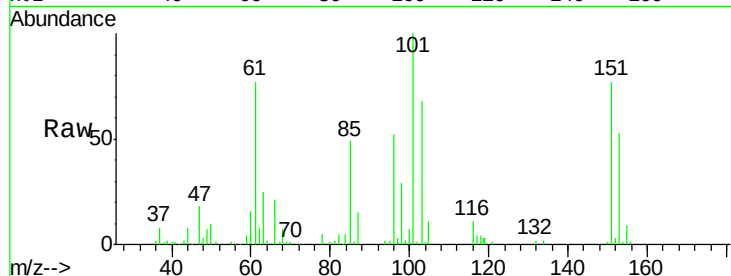
ClientSampleId :

VX0329MBS01

Tot Ion:	101	Resp:	32162
Ion Ratio	Lower	Upper	
101	100		
85	49.1	37.6	56.4
151	78.2	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 15.25 ug/l

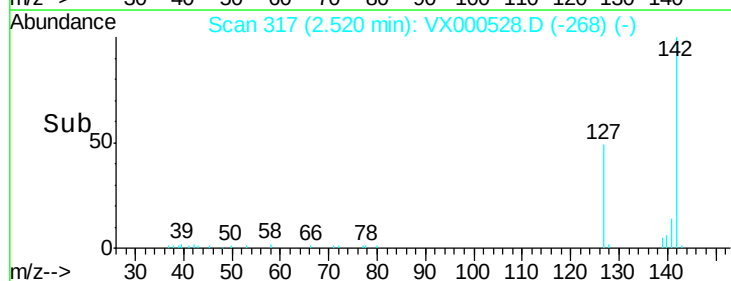
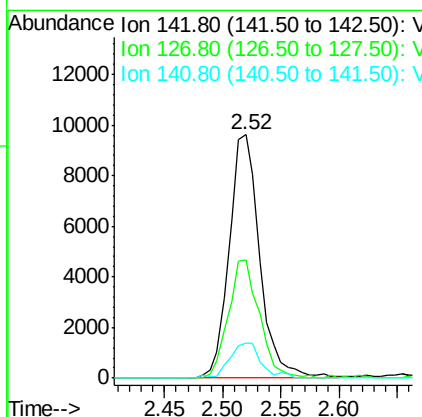
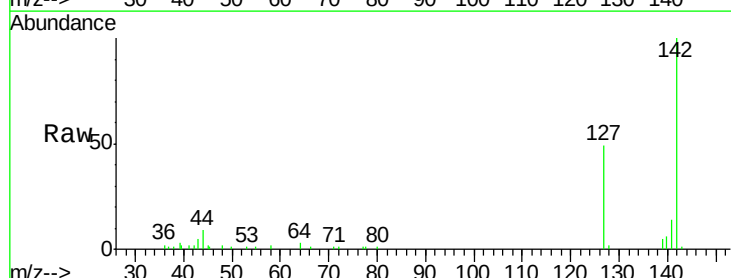
RT: 2.52 min Scan# 317

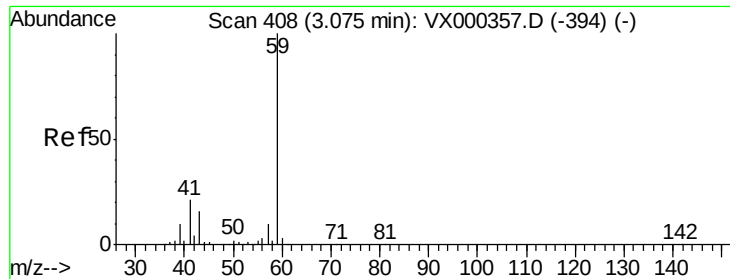
Delta R.T. 0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Tgt Ion:	142	Resp:	17661
Ion Ratio	Lower	Upper	
142	100		
127	48.7	39.2	58.8
141	15.1	11.7	17.5





#11

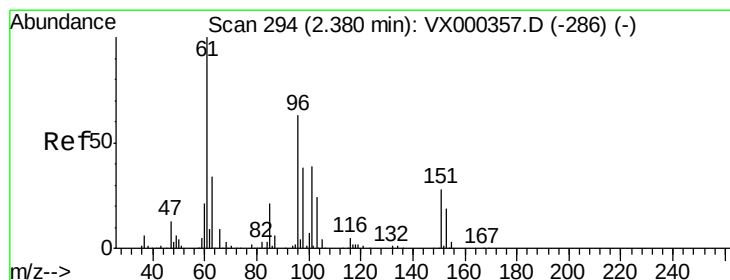
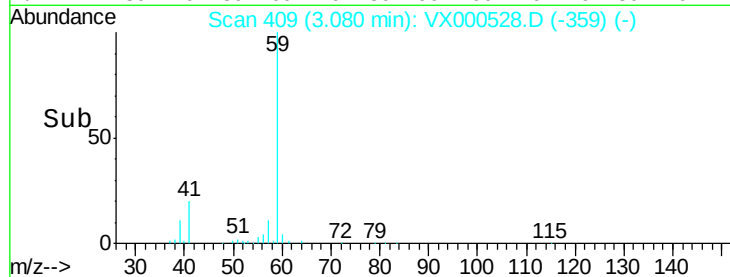
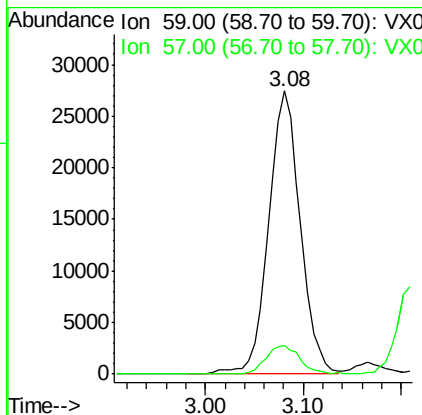
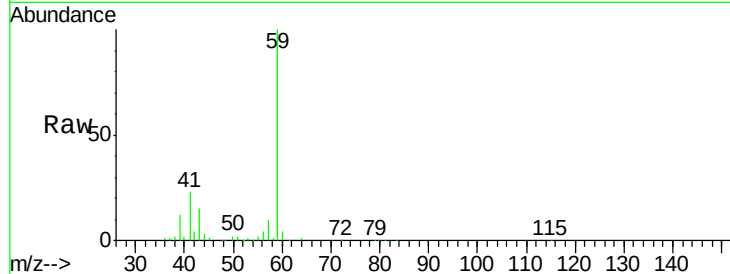
Tert butyl alcohol
Concen: 114.54 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBSD01

Tot Ion	59	Resp	61841
Ion Ratio	100	Lower	Upper
57	10.9	8.4	12.6

Manual Integrations
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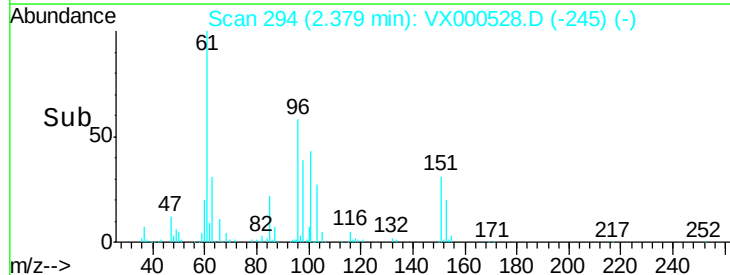
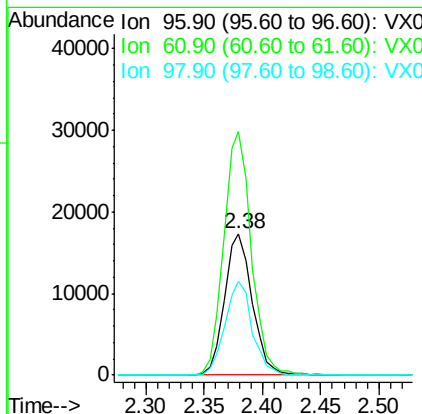
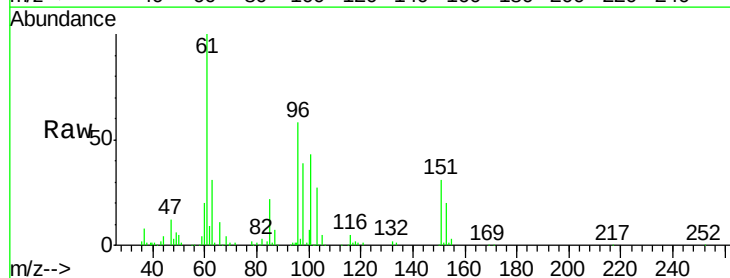
sam
3/30/2018 4:11:00 PM

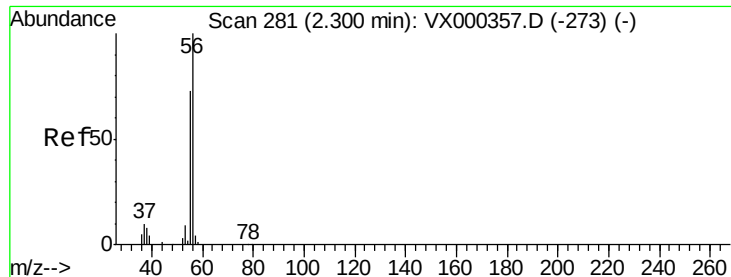


#12

1,1-Dichloroethene
Concen: 21.82 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion	96	Resp	28440
Ion Ratio	100	Lower	Upper
61	172.0	131.2	196.8
98	66.6	49.8	74.8





#13

Acrolein

Concen: 107.26 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

ClientSampleId :

VX0329MBS01

Tot Ion: 56 Resp: 16968

Ion Ratio Lower Upper

56 100

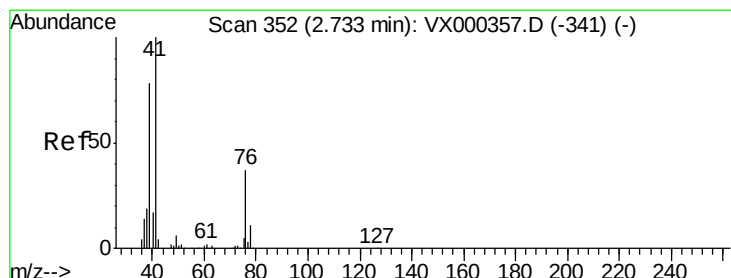
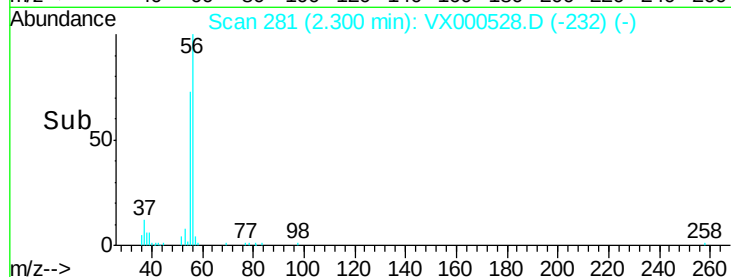
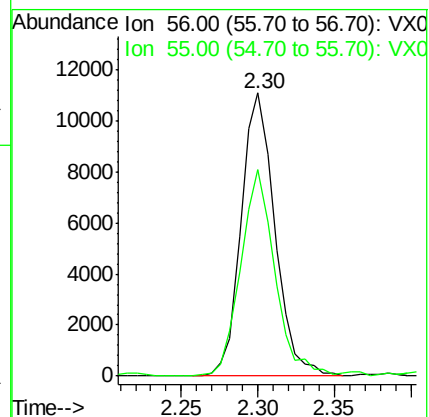
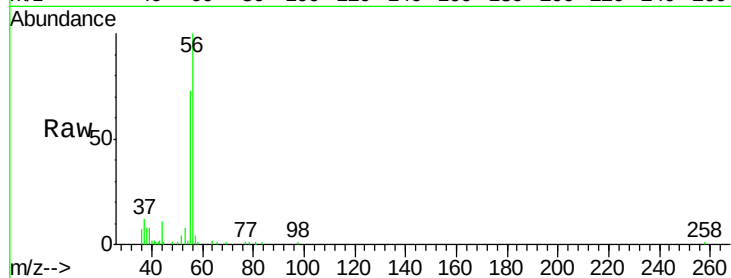
55 73.9 58.8 88.2

Manual Integrations

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#14

Allyl chloride

Concen: 22.87 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

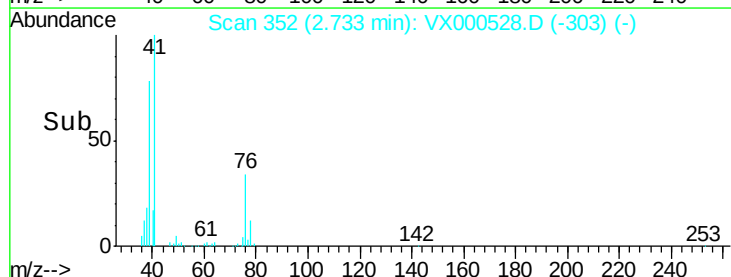
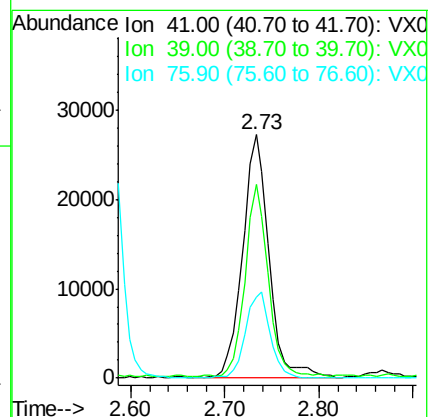
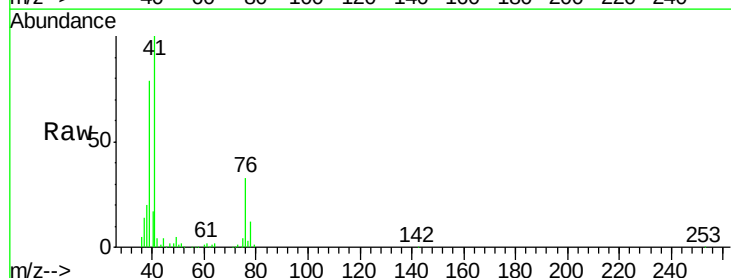
Tgt Ion: 41 Resp: 52769

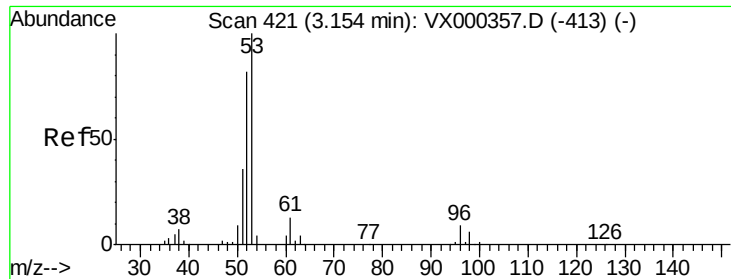
Ion Ratio Lower Upper

41 100

39 69.5 57.6 86.4

76 33.4 27.3 40.9





#15

Acrylonitrile

Concen: 112.77 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

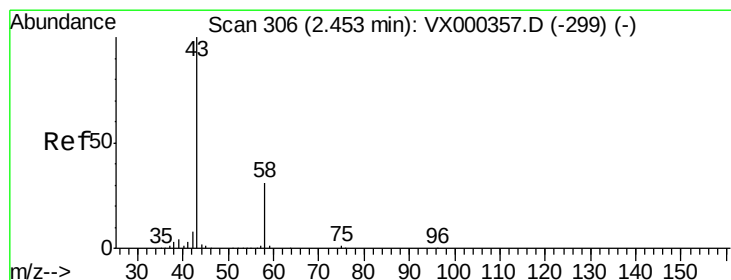
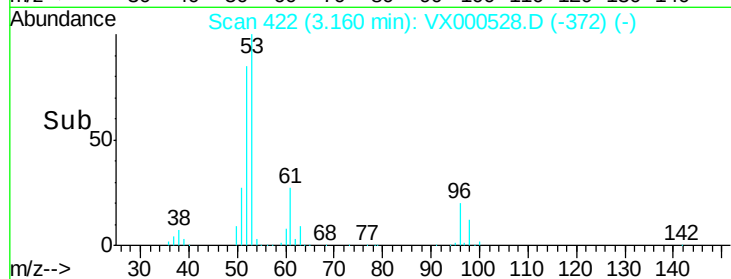
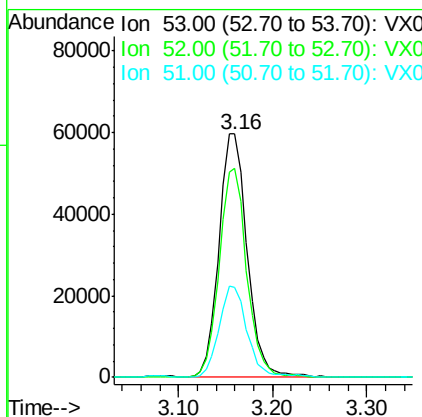
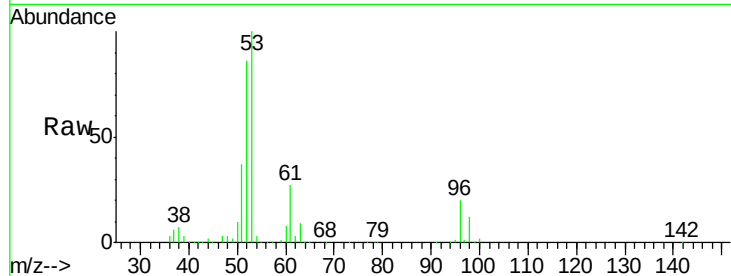
ClientSampleId :

VX0329MBSD01

Tot Ion:	53	Resp:	123316
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.6	99.8
51	38.1	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 93.01 ug/l

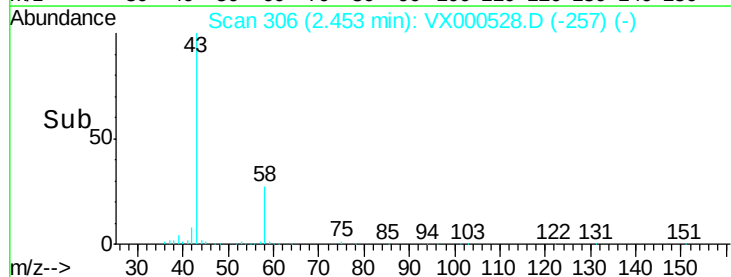
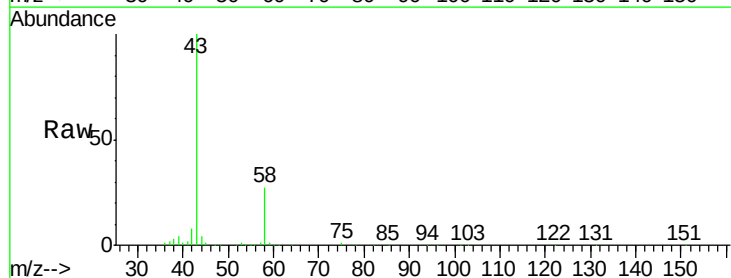
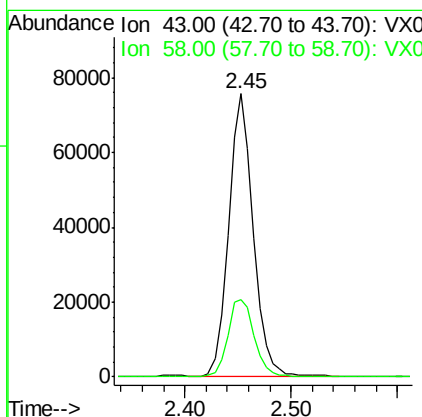
RT: 2.45 min Scan# 306

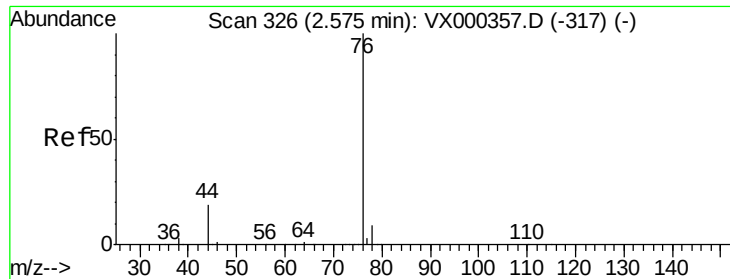
Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Tgt Ion:	43	Resp:	121451
Ion Ratio		Lower	Upper
43	100		
58	27.2	24.7	37.1





#17

Carbon Disulfide

Concen: 20.20 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

ClientSampleId :

VX0329MBS01

Tot Ion: 76 Resp: 69996

Ion Ratio Lower Upper

76 100

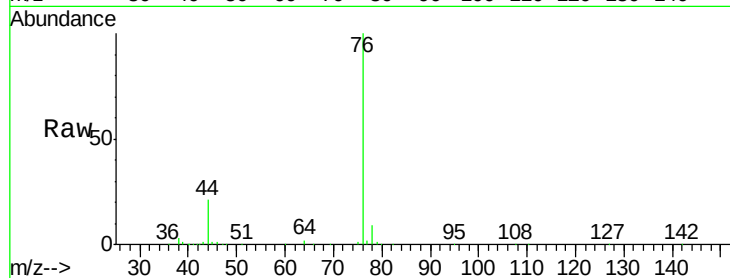
78 8.5 7.0 10.6

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

40000

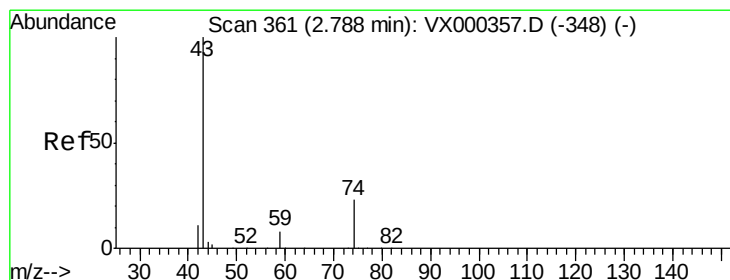
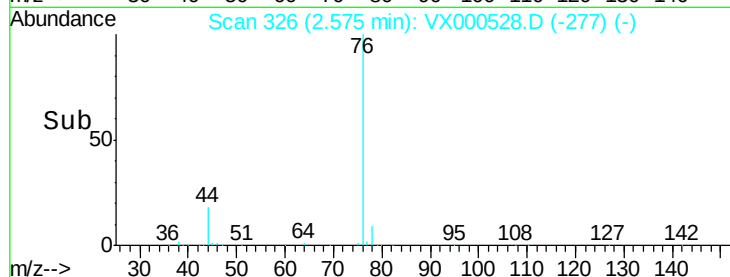
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 23.98 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000528.D

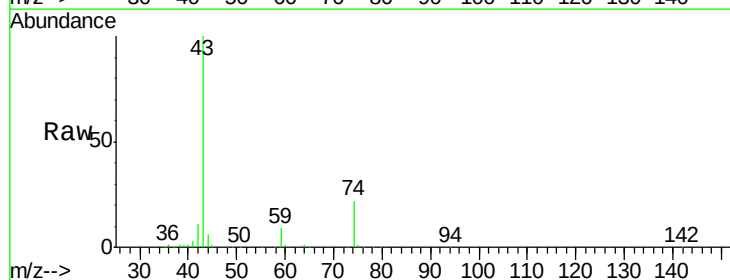
Acq: 29 Mar 2018 21:56

Tgt Ion: 43 Resp: 65638

Ion Ratio Lower Upper

43 100

74 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

40000

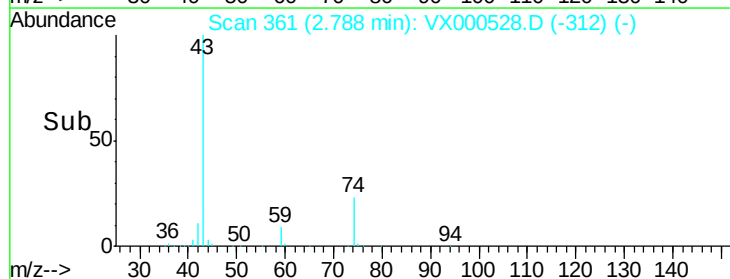
30000

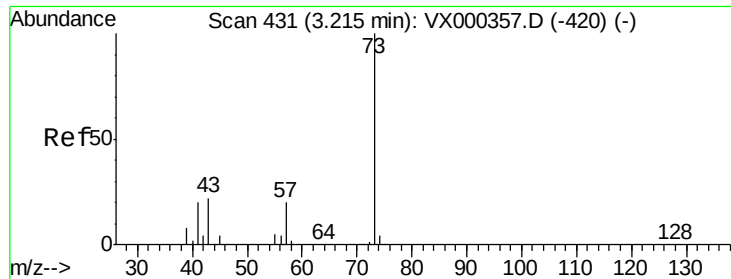
20000

10000

0

Time-->





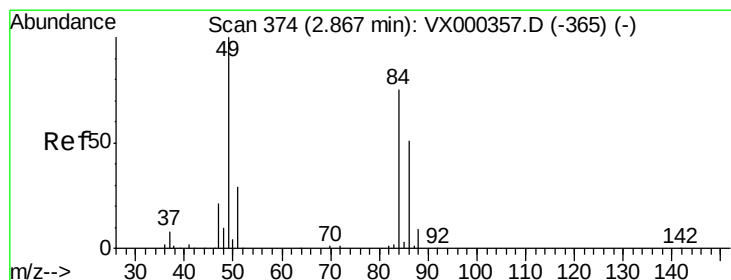
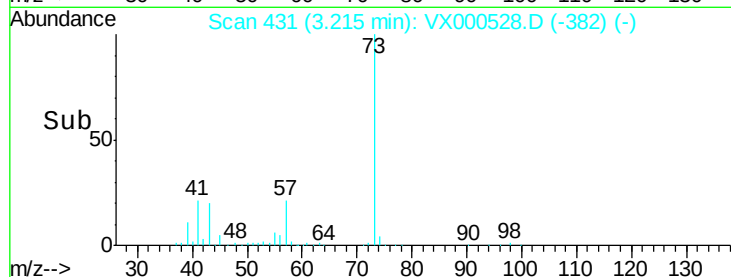
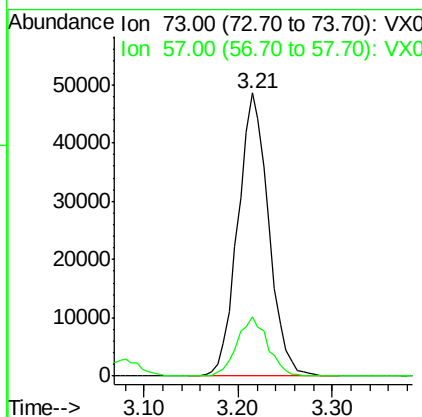
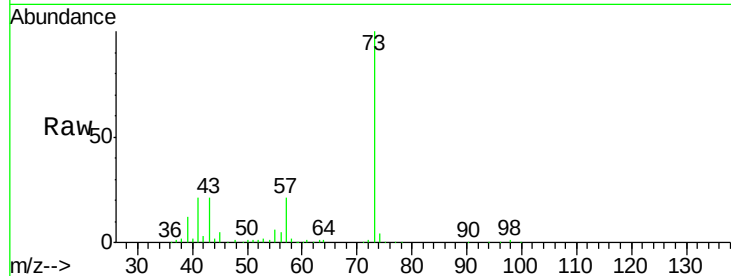
#19
Methyl tert-butyl Ether
Concen: 22.93 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBS01

Tot Ion: 73 Resp: 110554
Ion Ratio Lower Upper
73 100
57 21.2 17.2 25.8

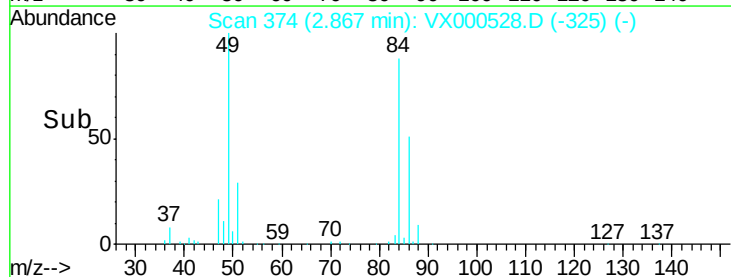
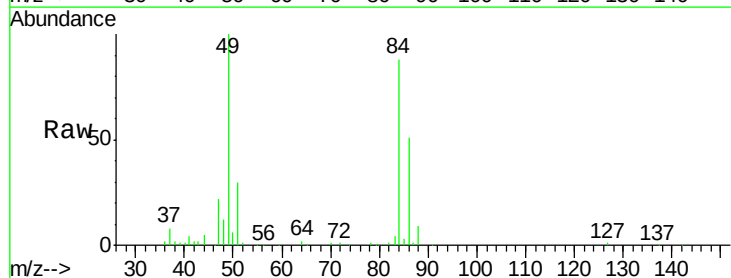
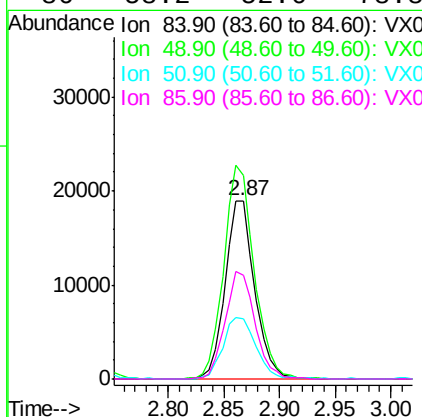
Manual Integrations
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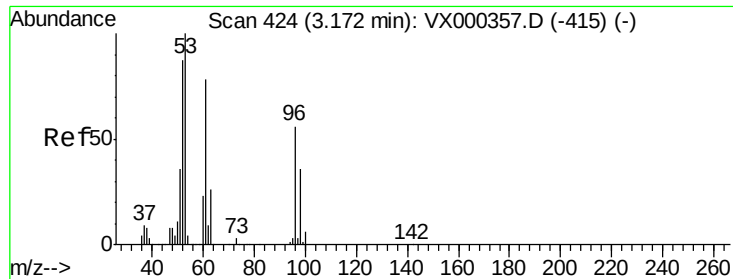
sam
3/30/2018 4:11:00 PM



#20
Methylene Chloride
Concen: 22.97 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion: 84 Resp: 34640
Ion Ratio Lower Upper
84 100
49 113.9 100.6 151.0
51 34.0 31.6 47.4
86 58.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 22.00 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

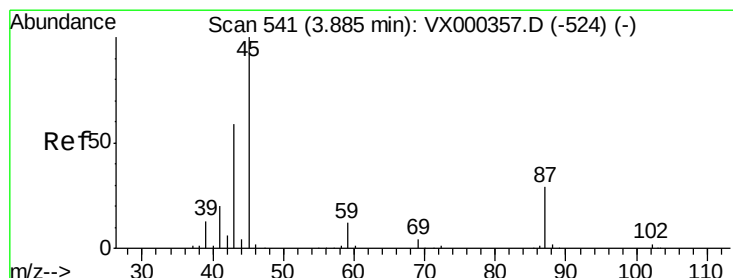
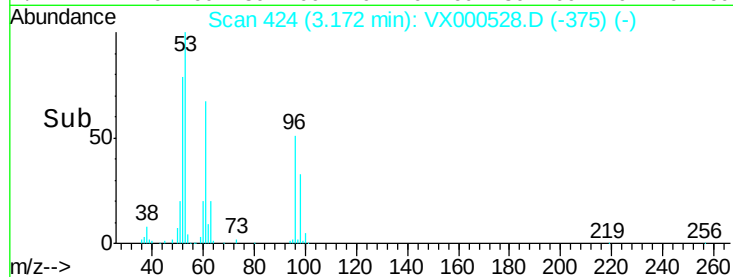
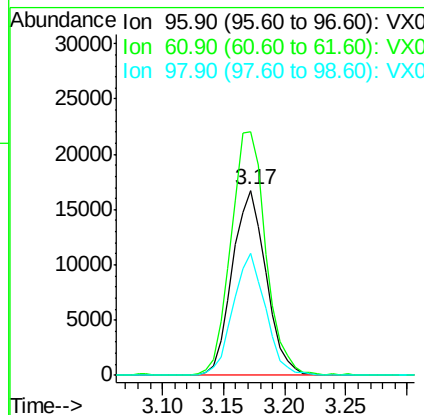
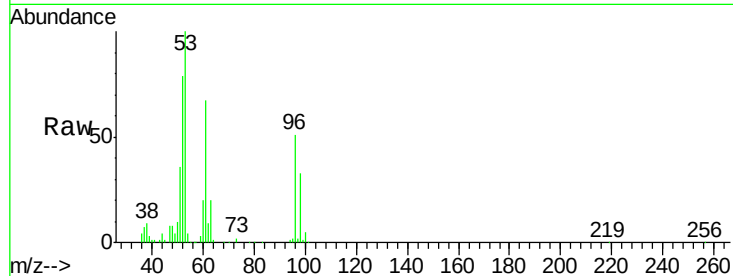
ClientSampleId :

VX0329MBS01

Tot Ion:	96	Resp:	31987
Ion	Ratio	Lower	Upper
96	100		
61	131.7	104.0	156.0
98	65.7	52.1	78.1

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sam
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#22

Diisopropyl ether

Concen: 17.17 ug/l

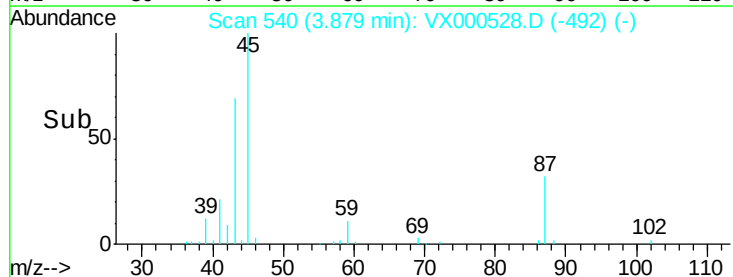
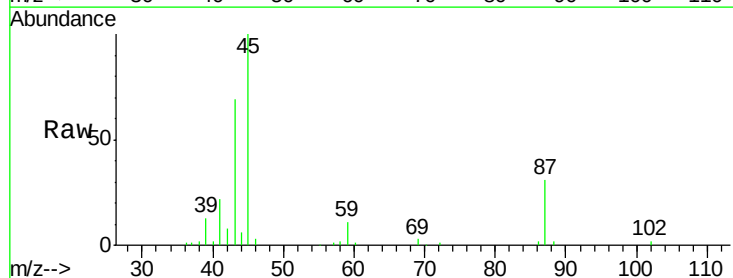
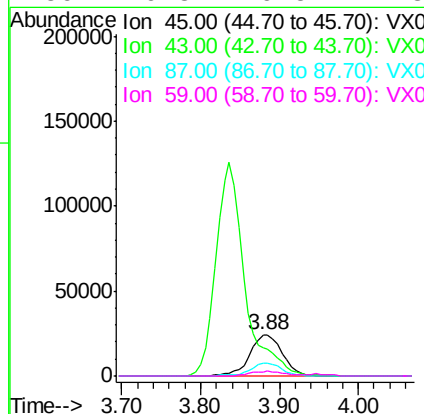
RT: 3.88 min Scan# 540

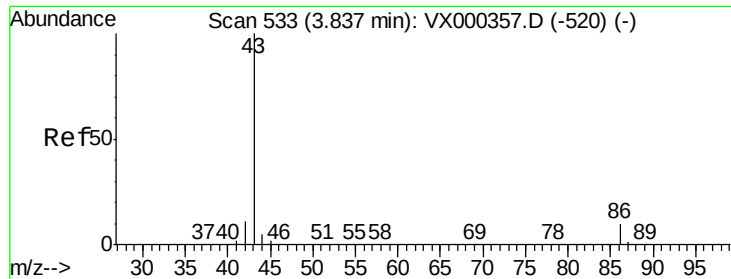
Delta R.T. -0.01 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Tgt Ion:	45	Resp:	69973
Ion	Ratio	Lower	Upper
45	100		
43	68.0	53.9	80.9
87	31.4	22.6	34.0
59	10.8	9.5	14.3





#23

Vinyl Acetate

Concen: 83.03 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

ClientSampleId :

VX0329MBS01

Tot Ion: 43 Resp: 320695

Ion Ratio Lower Upper

43 100

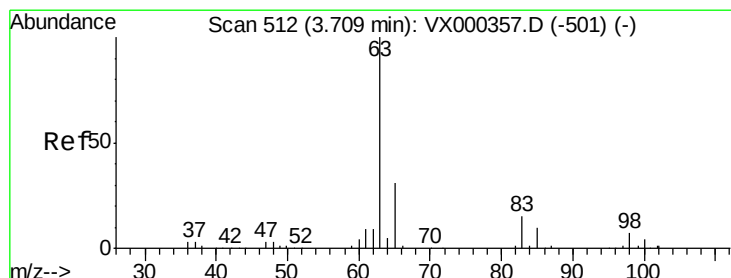
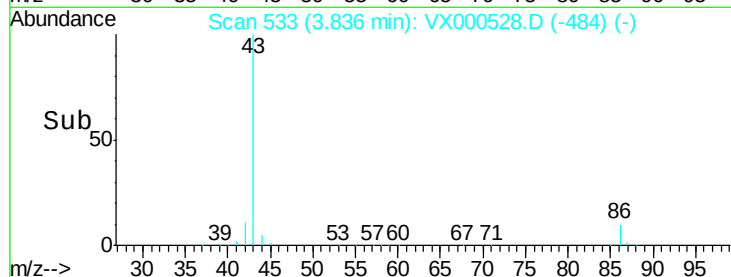
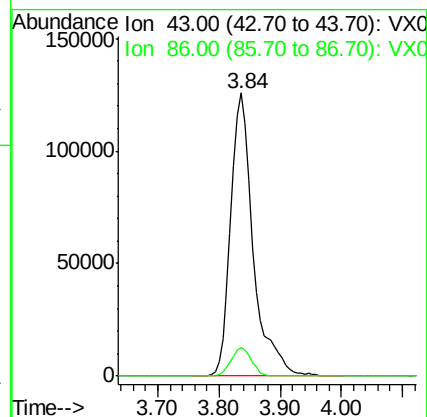
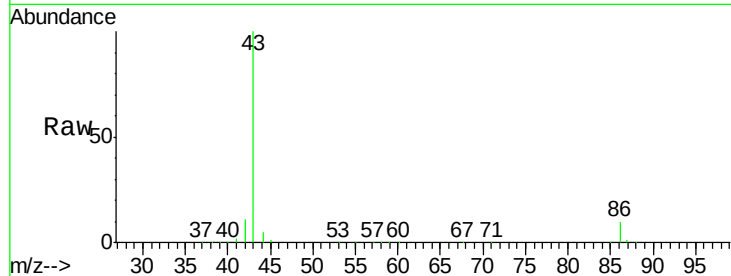
86 10.2 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.21 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

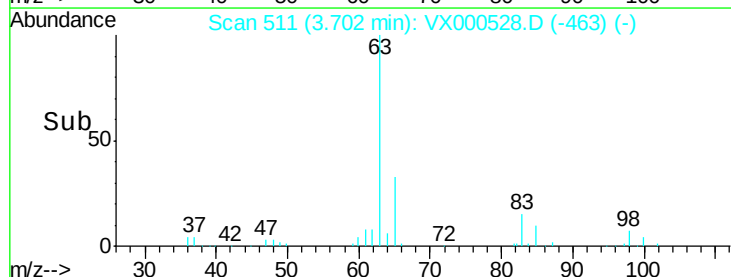
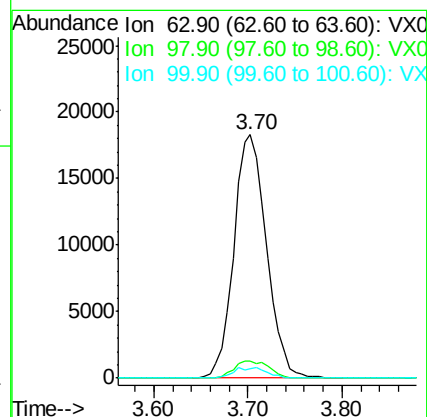
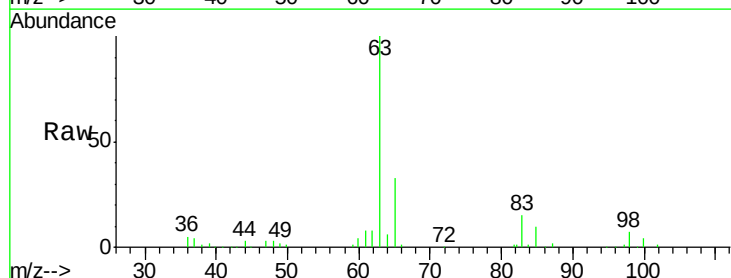
Tgt Ion: 63 Resp: 44077

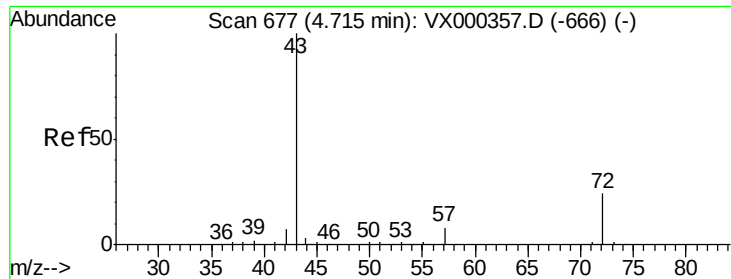
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.9

100 4.1 2.0 5.8





#25

2-Butanone

Concen: 91.67 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

ClientSampleId :

VX0329MBSD01

Tot Ion: 43 Resp: 134537

Ion Ratio Lower Upper

43 100

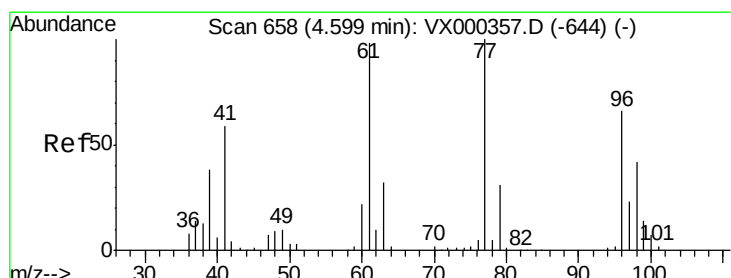
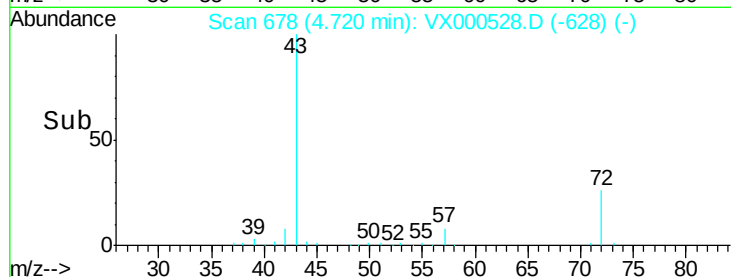
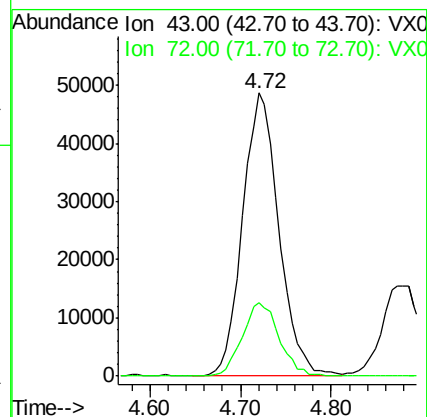
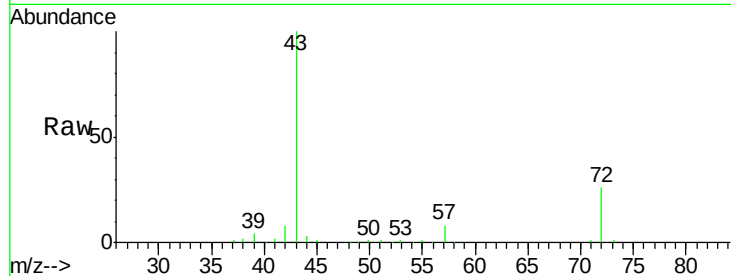
72 25.9 21.0 31.6

Manual Integrations

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sam

3/30/2018 4:11:00 PM



#26

2,2-Dichloropropane

Concen: 16.26 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000528.D

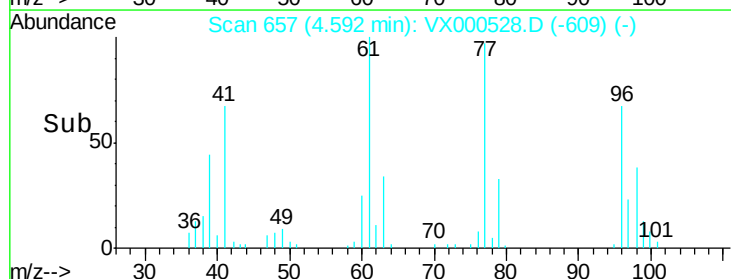
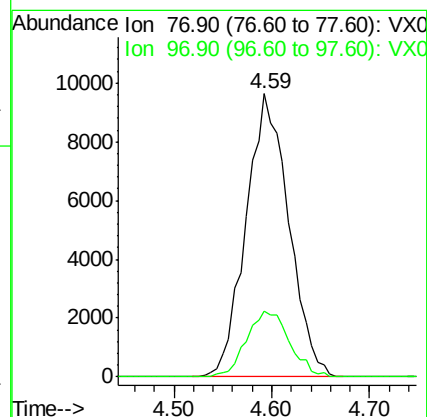
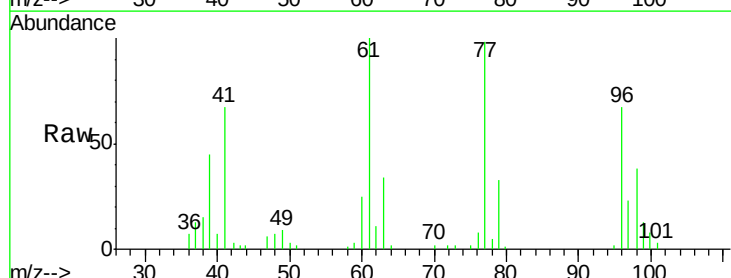
Acq: 29 Mar 2018 21:56

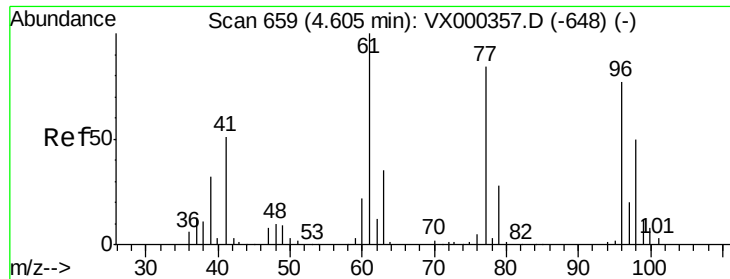
Tgt Ion: 77 Resp: 29201

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.8





#27

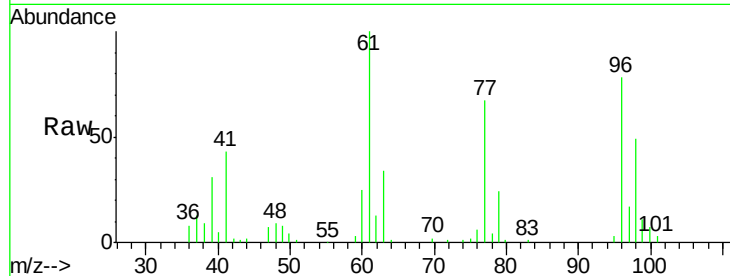
cis-1,2-Dichloroethene
Concen: 19.47 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBSD01

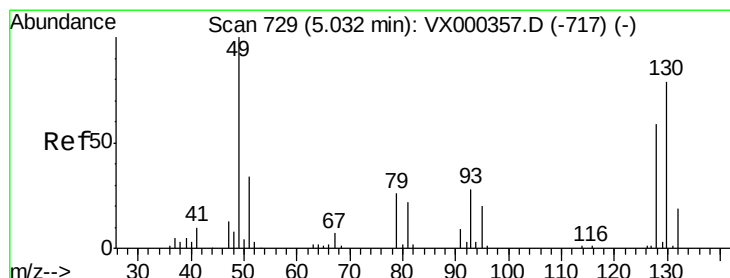
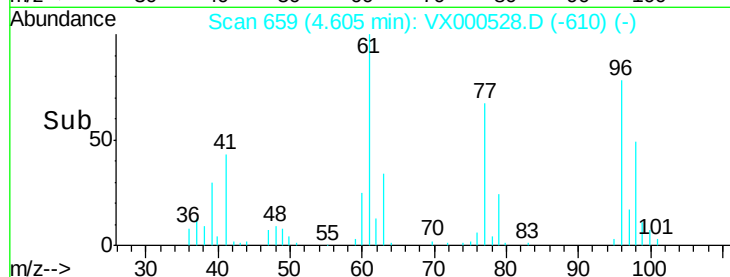
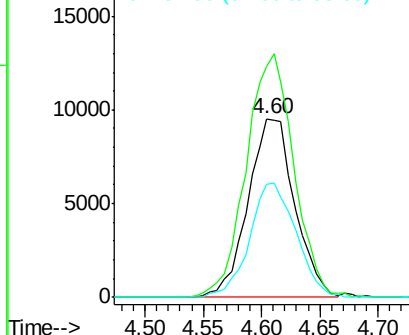
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	291.6
98	63.8	0.0	132.0

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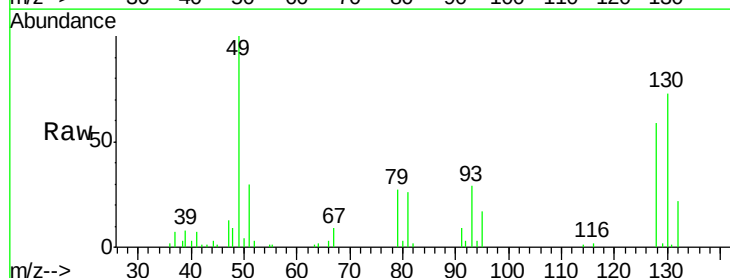
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



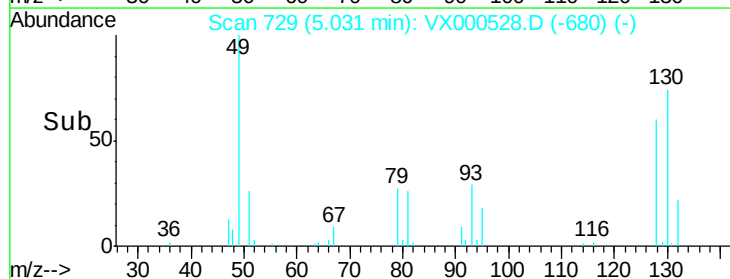
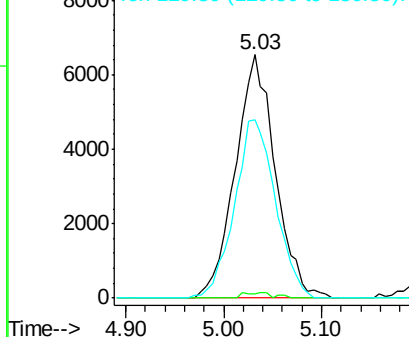
#28

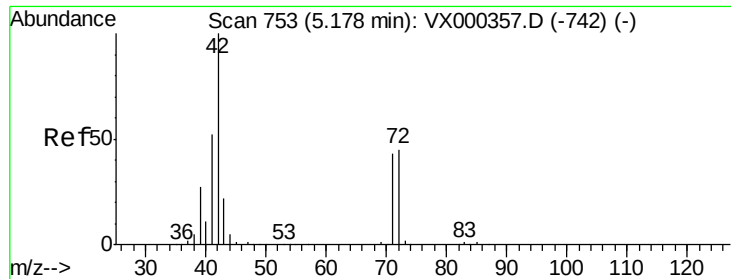
Bromochloromethane
Concen: 17.51 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	5.0
130	75.1	64.0	96.0



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





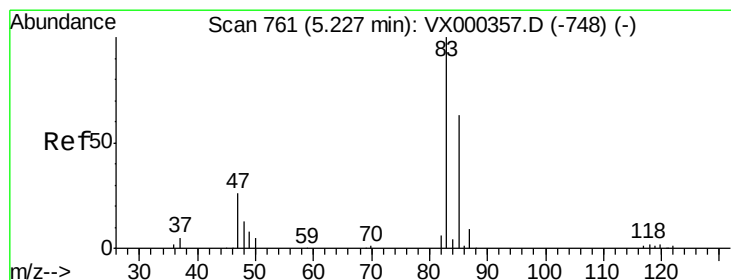
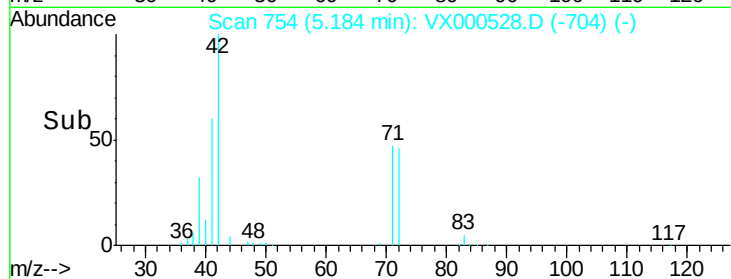
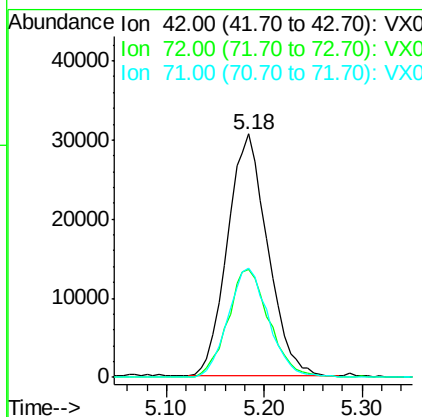
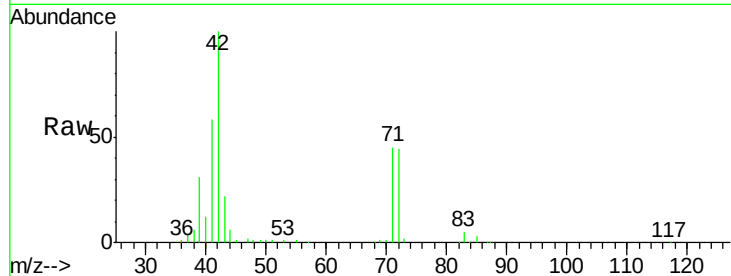
#29
Tetrahydrofuran
Concen: 96.59 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	37.9	56.9
71	45.6	34.4	51.6

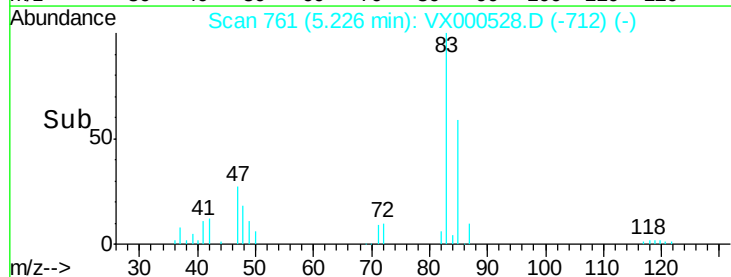
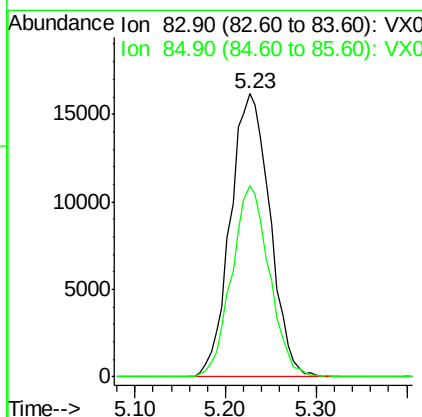
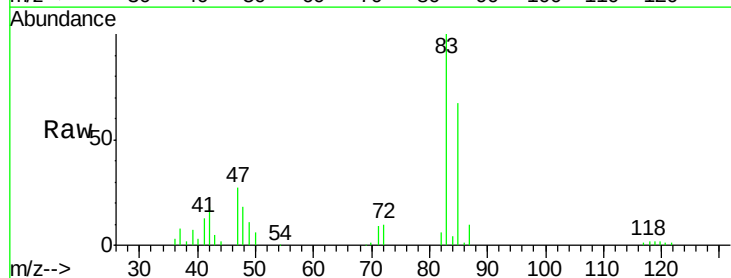
Manual Integrations
APPROVED

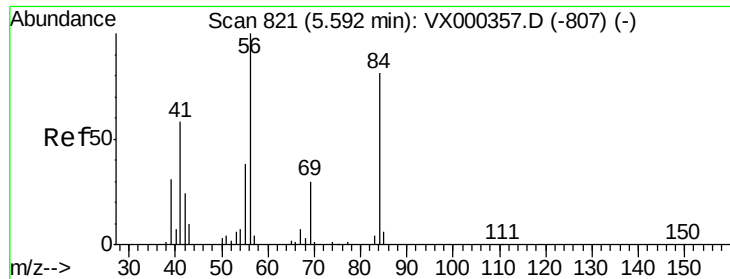
sam
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#30
Chloroform
Concen: 20.31 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	53.3	79.9





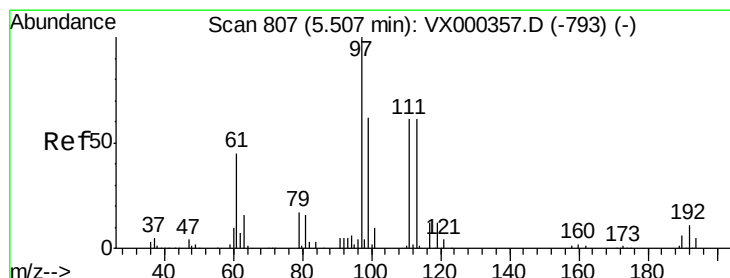
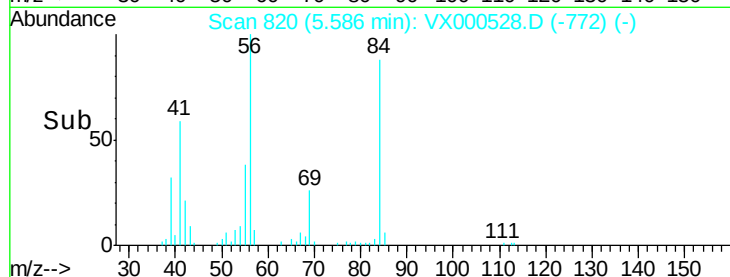
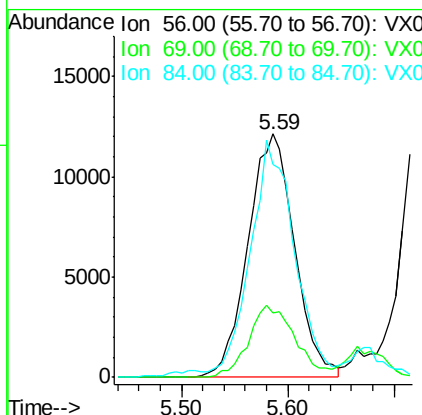
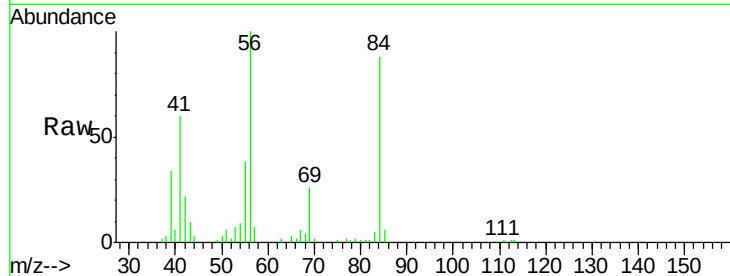
#31
Cyclohexane
Concen: 18.75 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	26.2	23.4	35.0
84	84.9	71.0	106.4

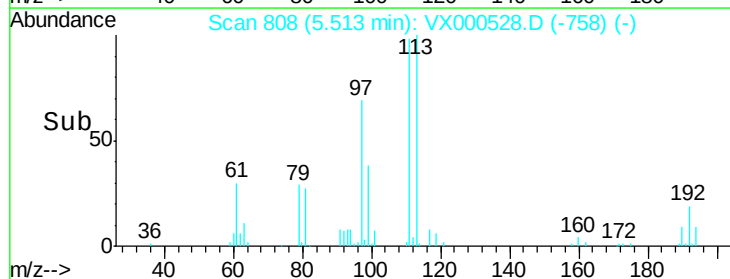
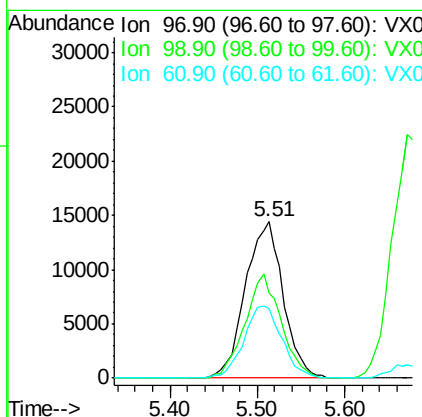
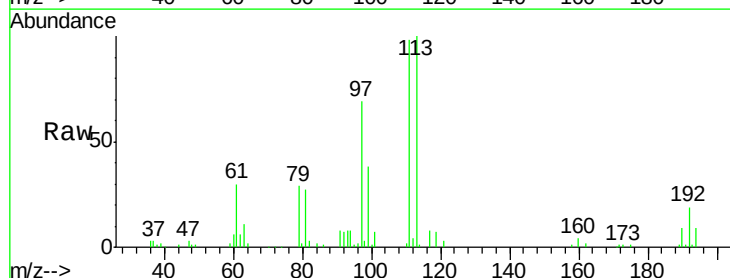
Manual Integrations
APPROVED

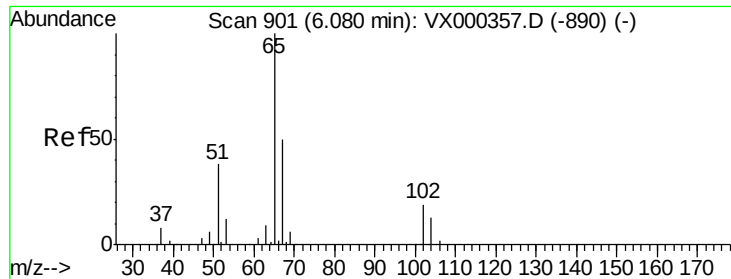
sam
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#32
1,1,1-Trichloroethane
Concen: 19.98 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.1	78.1
61	46.3	36.2	54.4





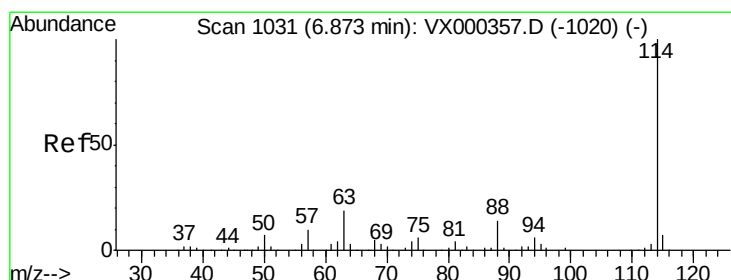
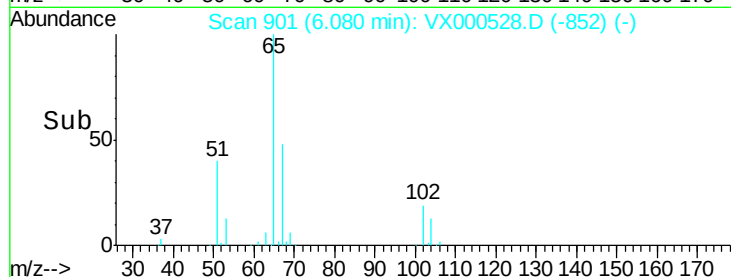
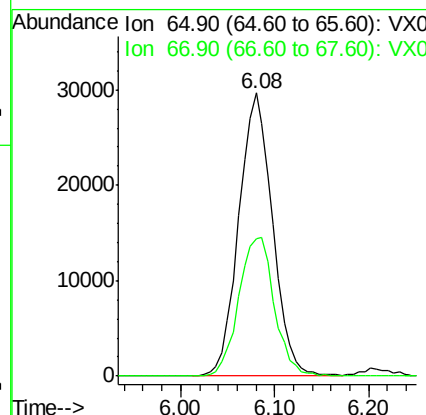
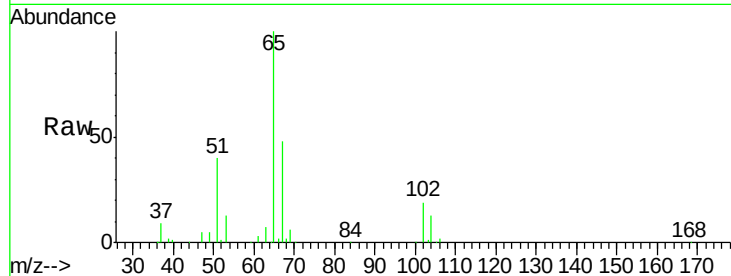
#33
 1,2-Dichloroethane-d4
 Concen: 47.25 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329MBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.2

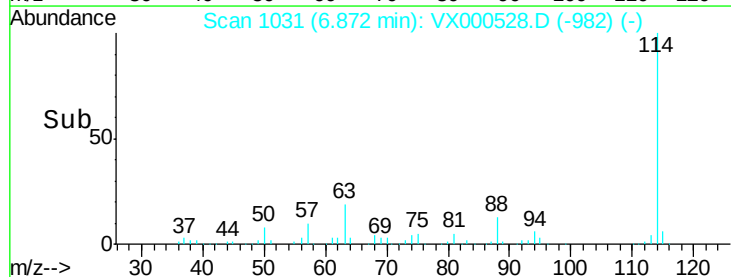
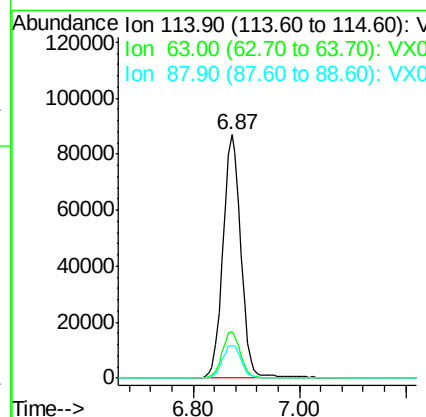
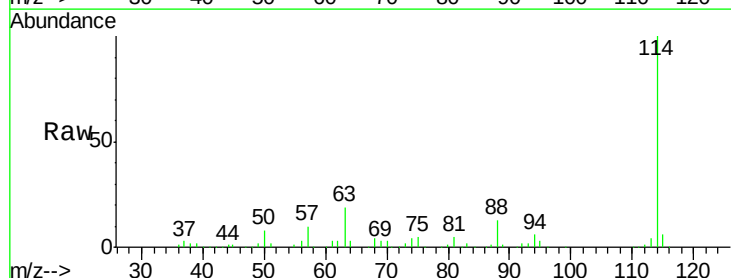
Manual Integrations
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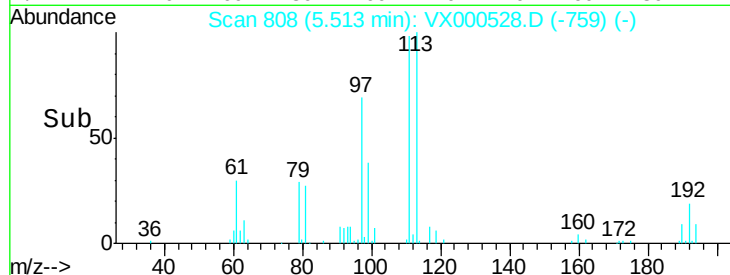
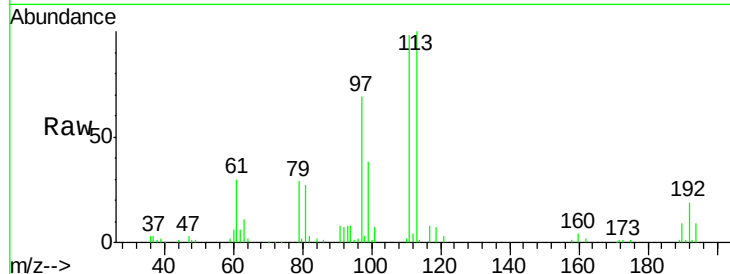
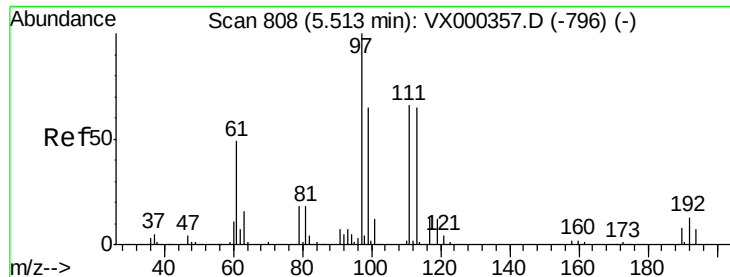
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.4
88	13.4	0.0	27.0





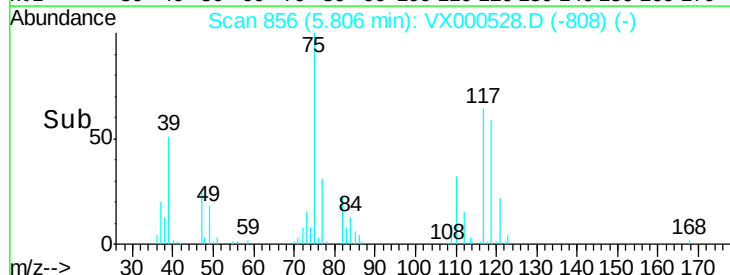
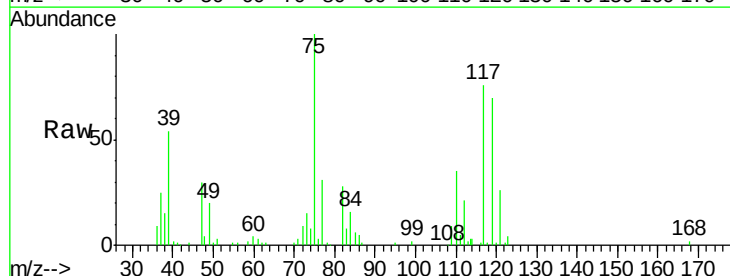
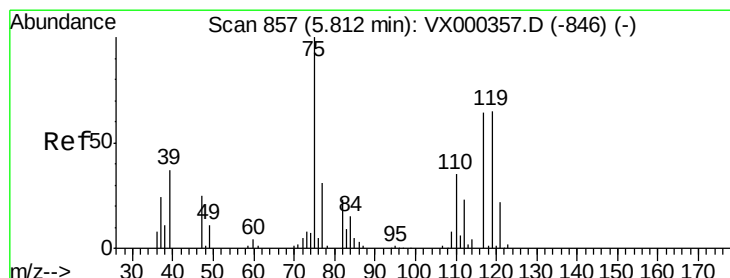
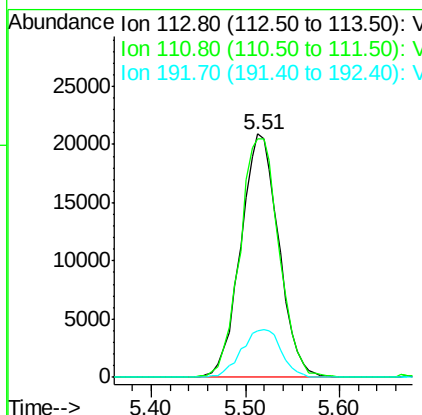
#35
Dibromofluoromethane
Concen: 45.40 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tot Ion	Ratio	Resp	Lower	Upper
113	100	58887		
111	101.3		82.4	123.6
192	20.5		15.8	23.6

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBS01

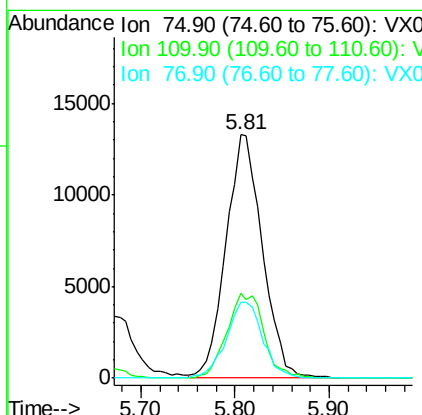
Manual Integrations
APPROVED

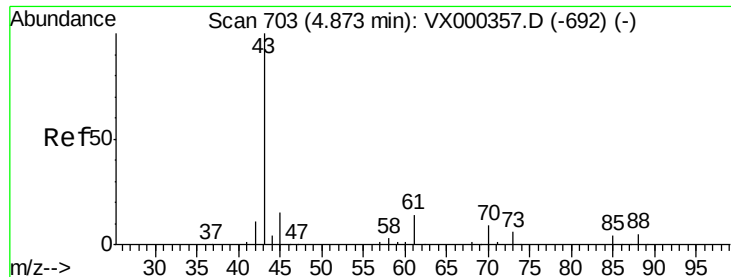
sam
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#36
1,1-Dichloropropene
Concen: 18.53 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35736		
110	35.3		17.9	53.7
77	31.2		24.0	36.0





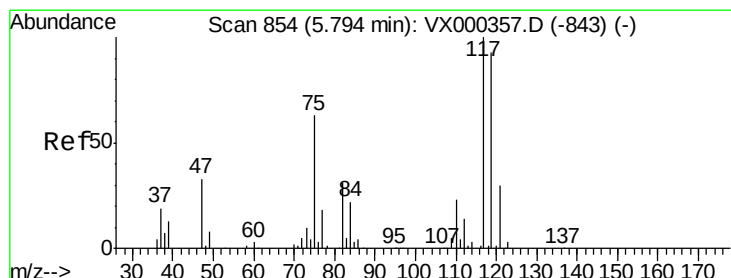
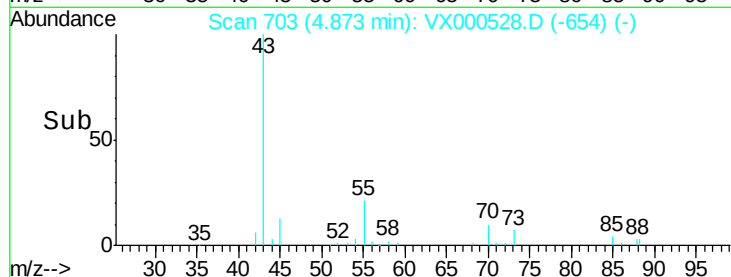
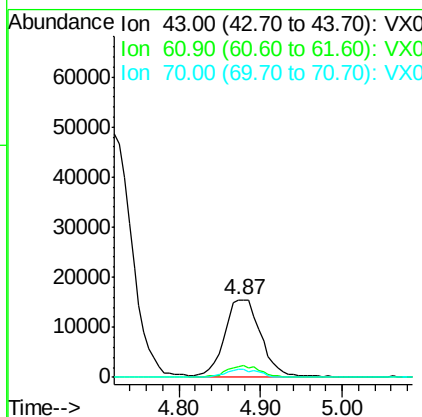
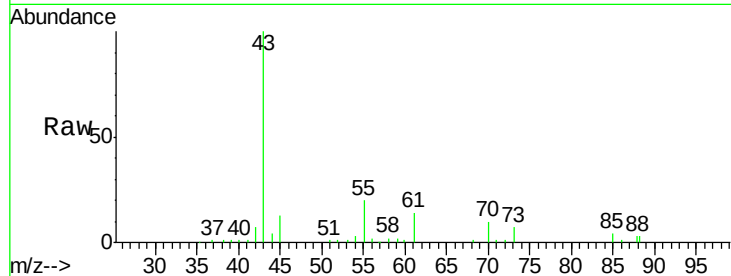
#37
Ethyl Acetate
Concen: 18.15 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	9.9	7.7	11.5

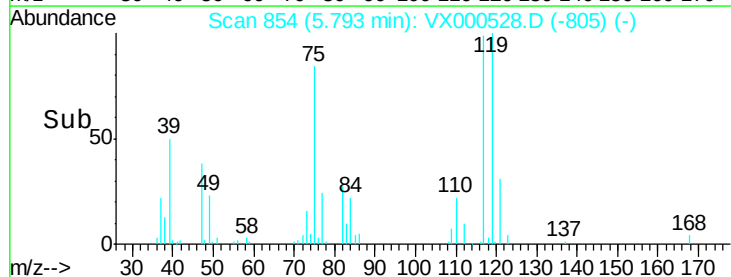
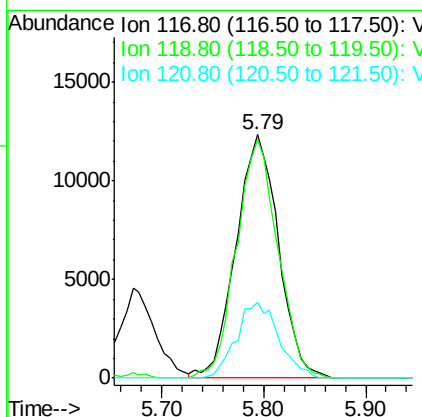
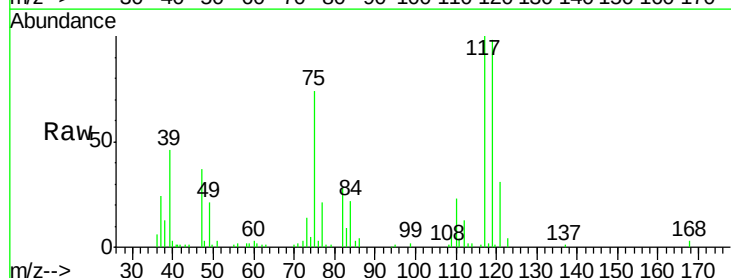
Manual Integrations
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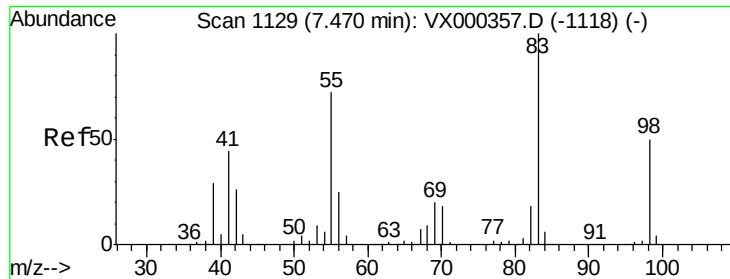
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#38
Carbon Tetrachloride
Concen: 17.61 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.4	116.2
121	31.3	24.8	37.2





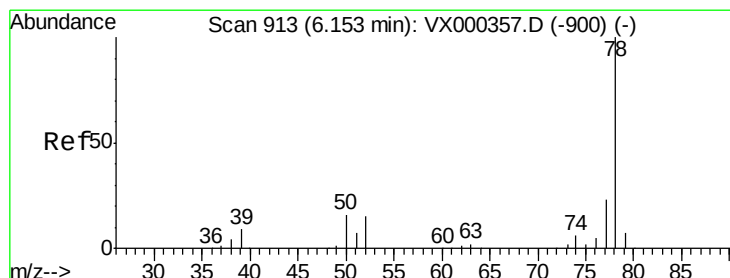
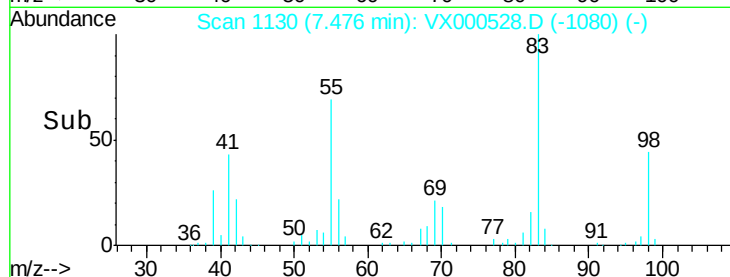
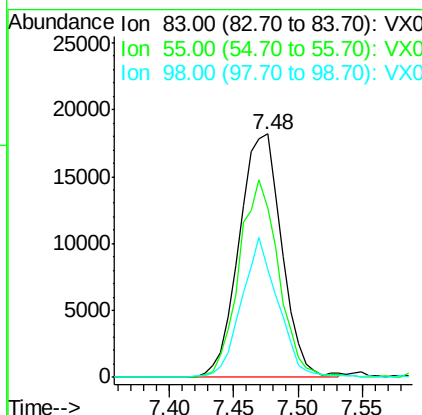
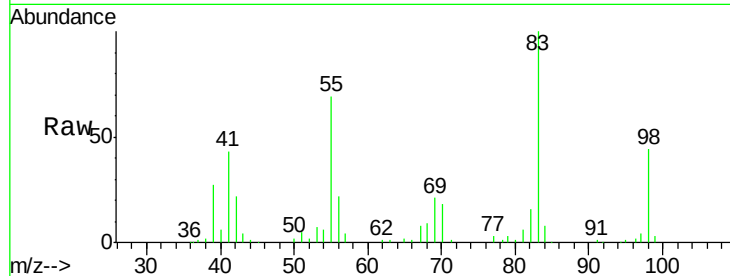
#39
Methylvlcyclohexane
Concen: 17.77 ug/l
RT: 7.48 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.4	55.5	83.3
98	44.2	38.2	57.4

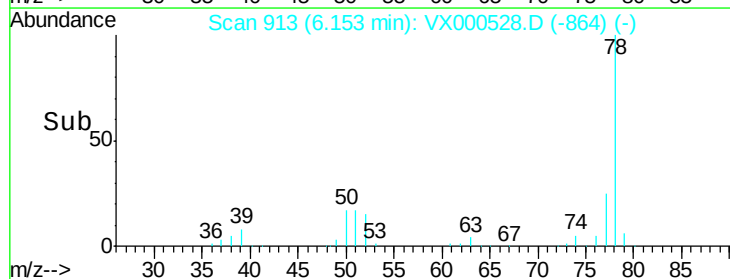
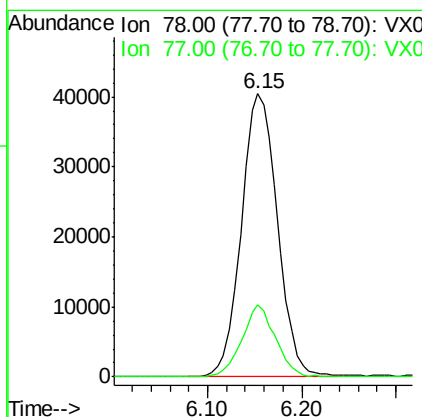
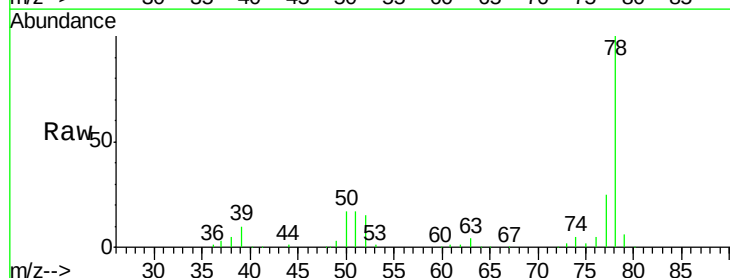
Manual Integrations
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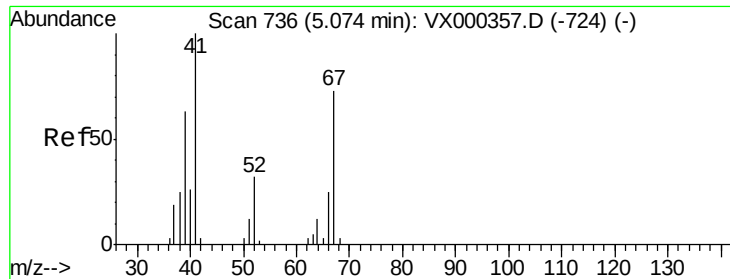
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3/30/2018 4:11:00 PM



#40
Benzene
Concen: 19.37 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.7	28.1





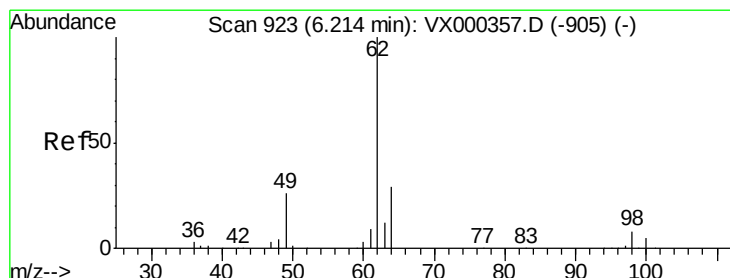
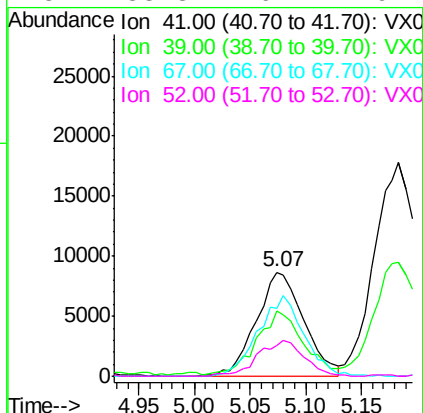
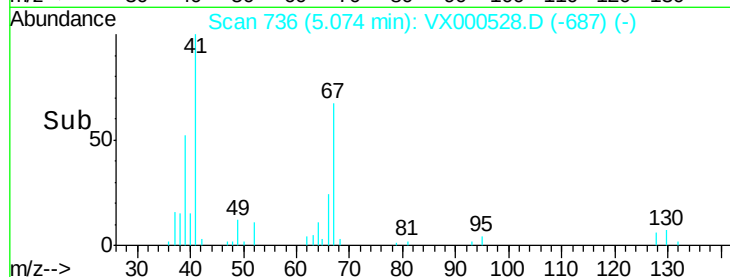
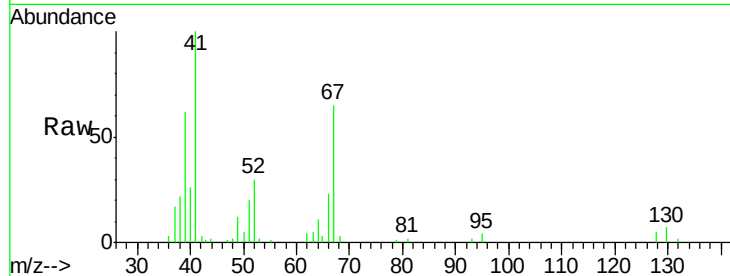
#41
Methacrylonitrile
Concen: 18.49 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.6	45.7	68.5	
67	75.1	57.8	86.8	
52	33.3	26.7	40.1	

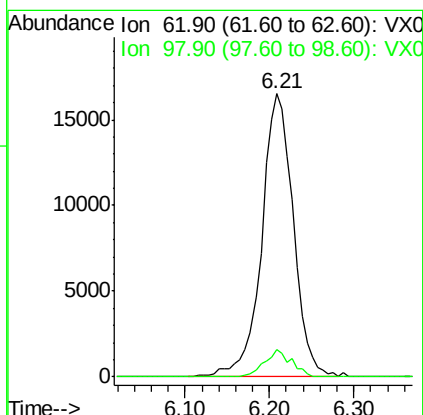
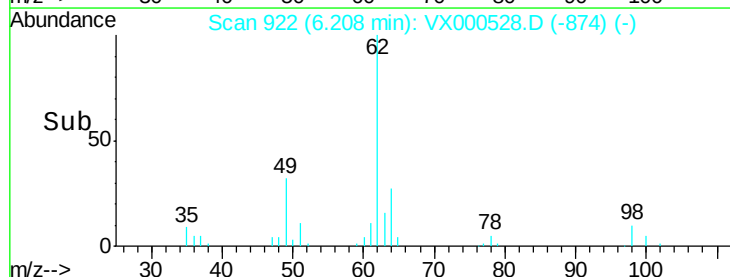
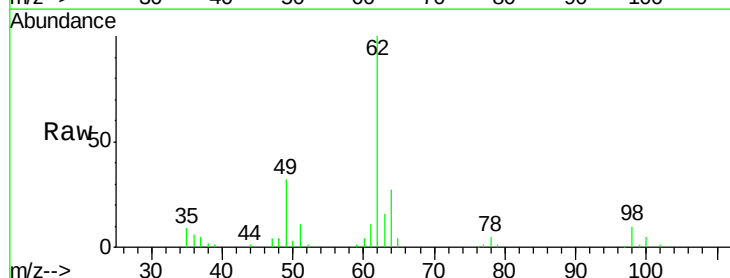
Manual Integrations
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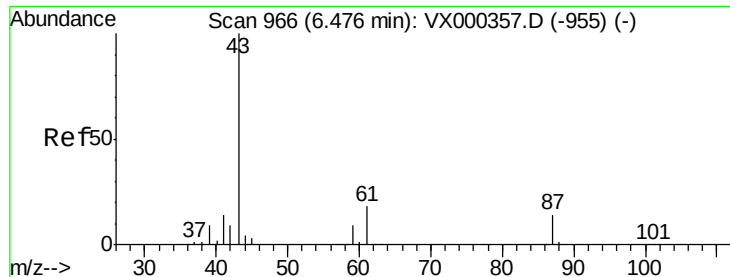
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3/30/2018 4:11:00 PM



#42
1,2-Dichloroethane
Concen: 19.45 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	15.8	





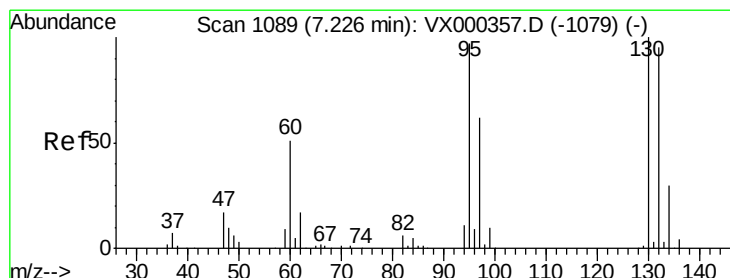
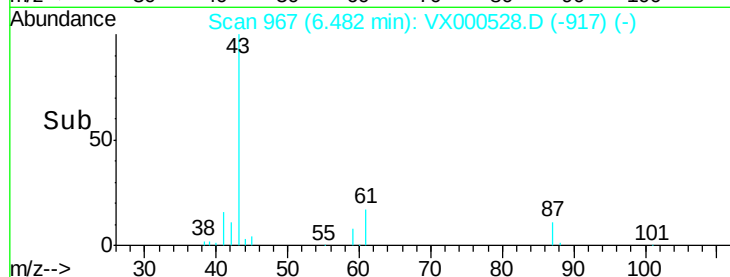
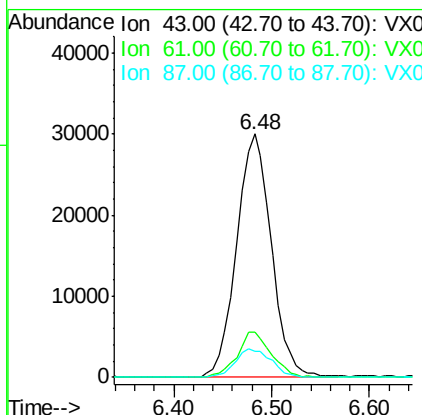
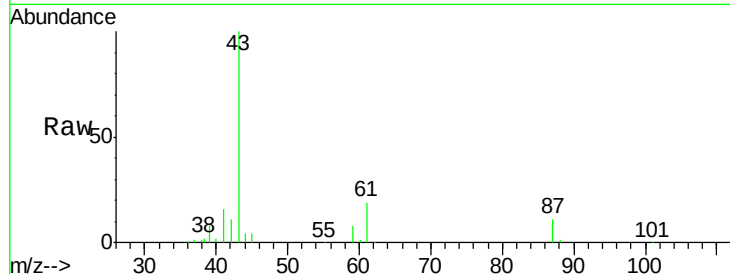
#43
Isopropyl Acetate
Concen: 18.84 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	12.2	11.0	16.4

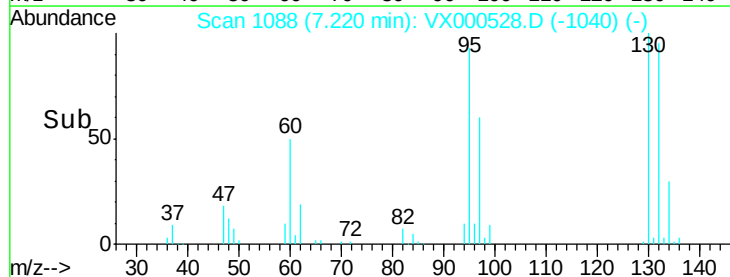
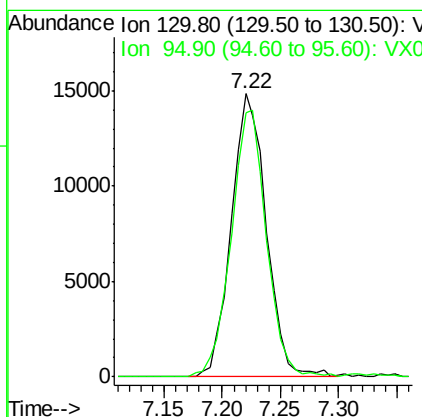
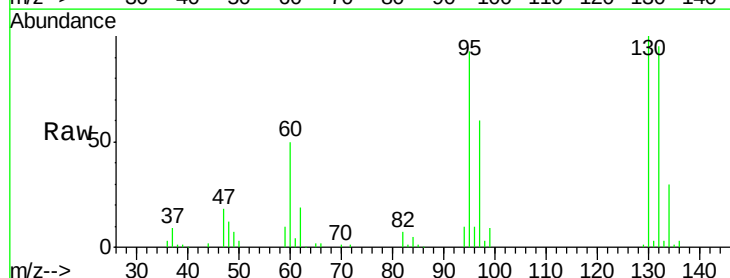
Manual Integrations
APPROVED

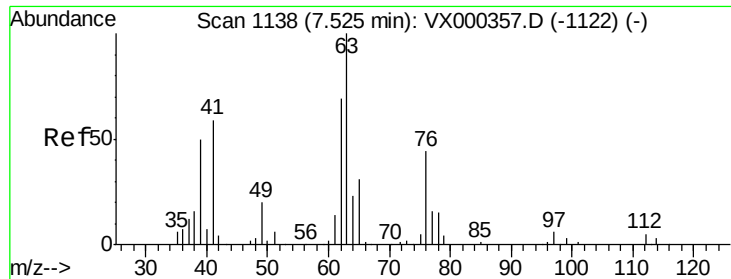
sam
3/30/2018 4:11:00 PM



#44
Trichloroethene
Concen: 19.26 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	186.0





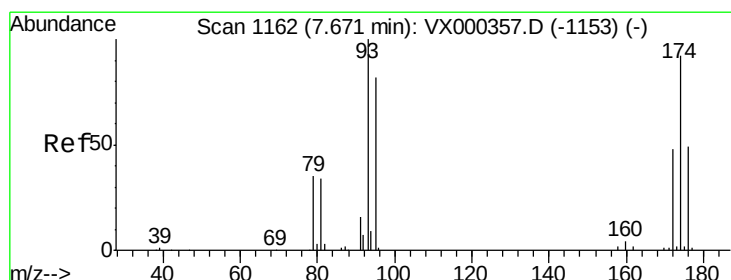
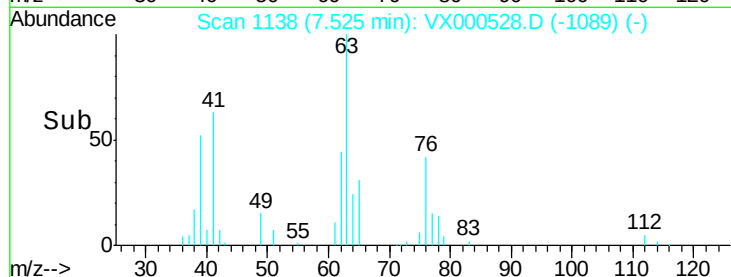
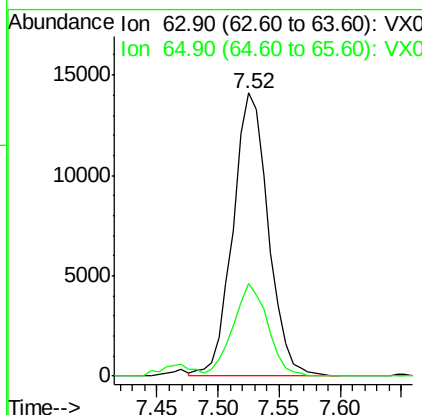
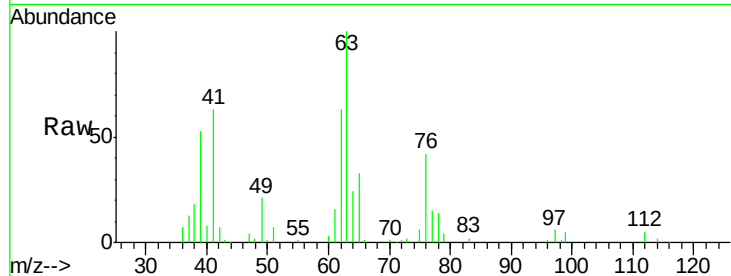
#45
 1,2-Dichloropropane
 Concen: 19.74 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329MBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.9	24.6	36.8

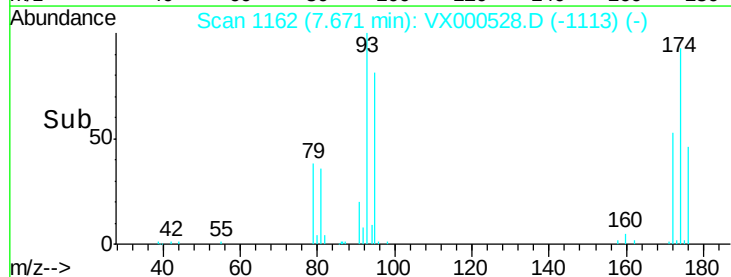
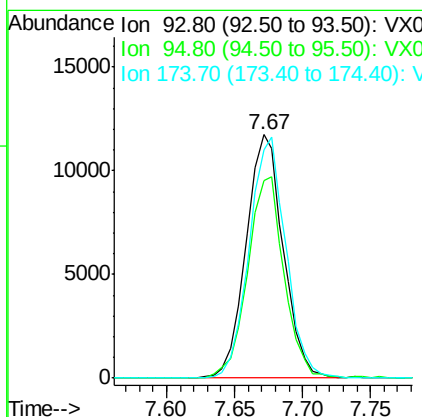
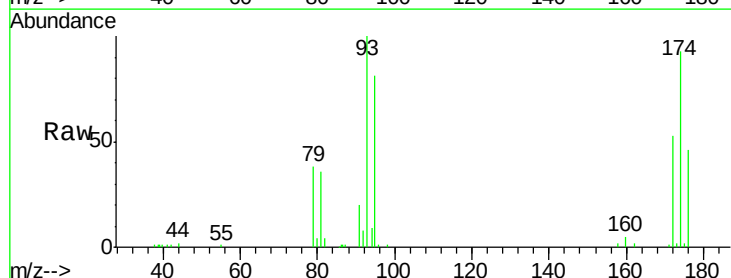
Manual Integrations
 APPROVED

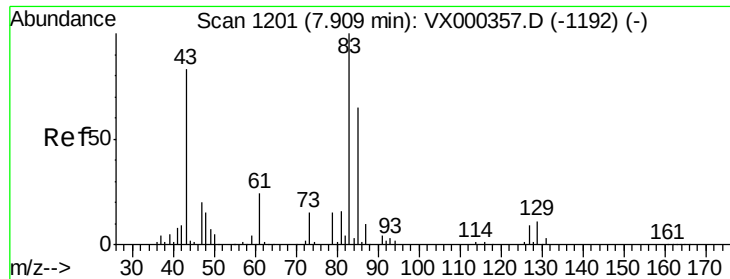
sam
 3/30/2018 4:11:00 PM



#46
 Dibromomethane
 Concen: 19.91 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.5	66.5	99.7
174	97.6	76.0	114.0





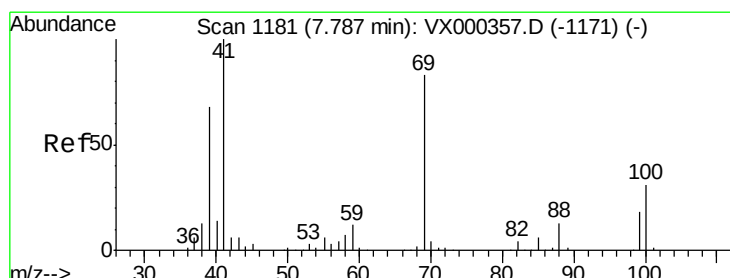
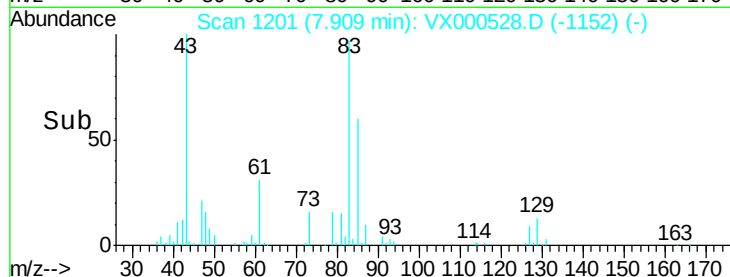
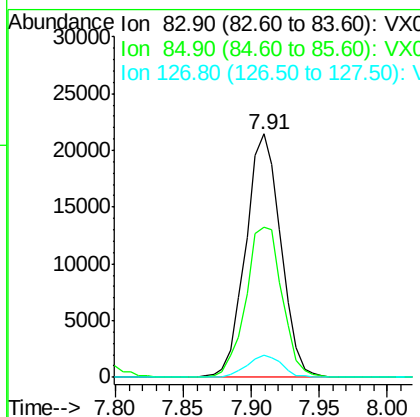
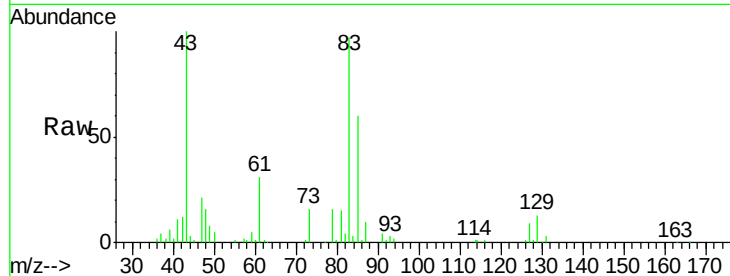
#47
Bromodichloromethane
Concen: 19.59 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBS01

Tot Ion	83	Resp	38777
Ion Ratio	100	Lower	Upper
83	100		
85	61.8	51.4	77.0
127	9.0	7.0	10.6

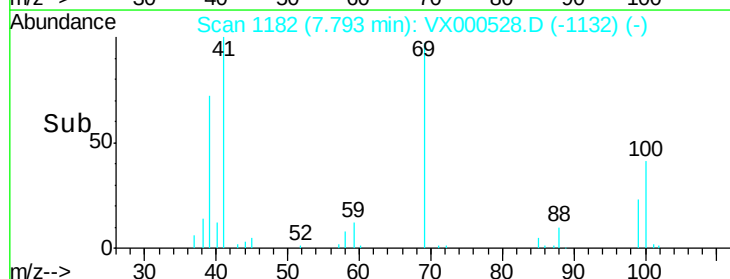
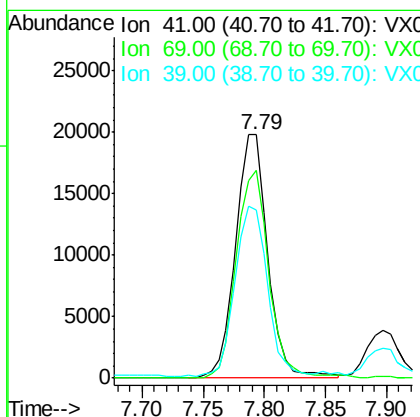
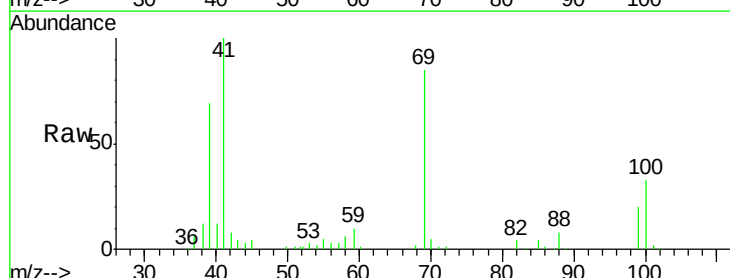
Manual Integrations
APPROVED

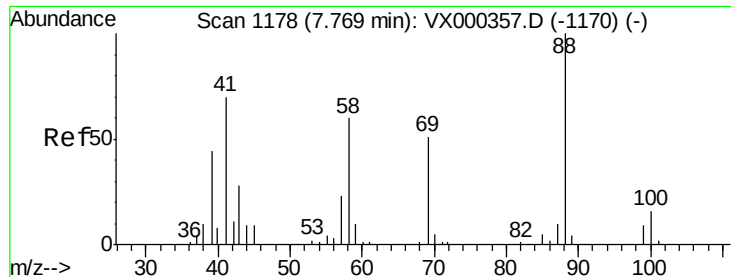
sam
3/30/2018 4:11:00 PM



#48
Methyl methacrylate
Concen: 18.98 ug/l
RT: 7.79 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion	41	Resp	36129
Ion Ratio	100	Lower	Upper
41	100		
69	87.1	68.2	102.4
39	70.9	54.6	81.8





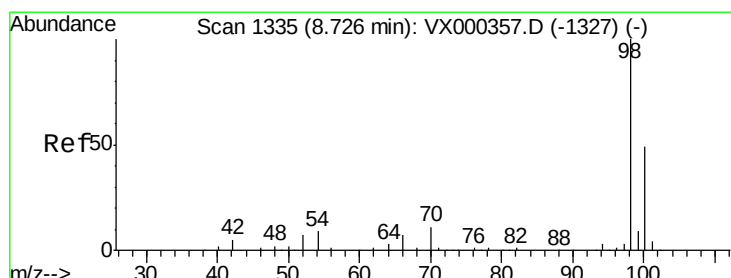
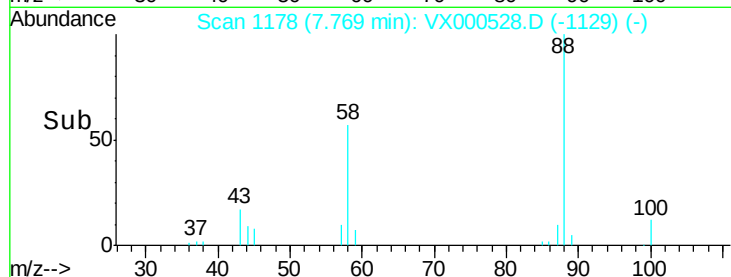
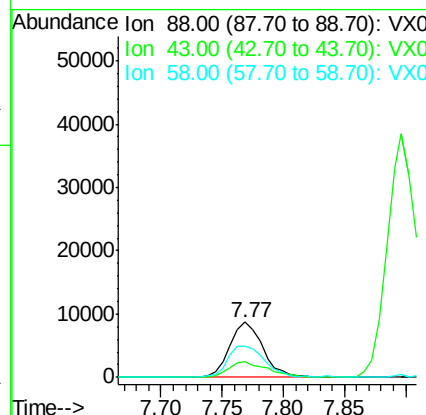
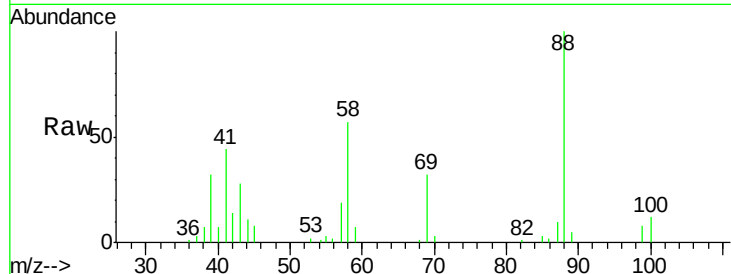
#49
1,4-Dioxane
Concen: 409.47 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	26.8	40.2
58	63.4	52.2	78.2

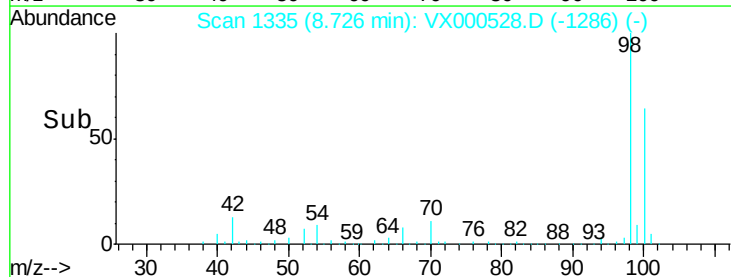
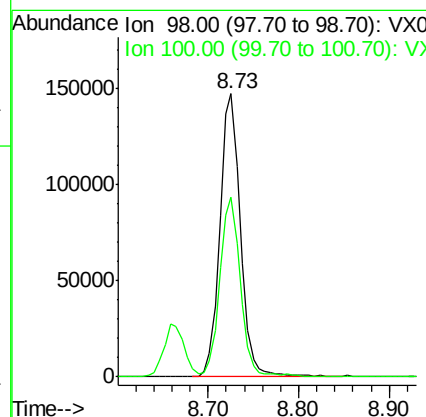
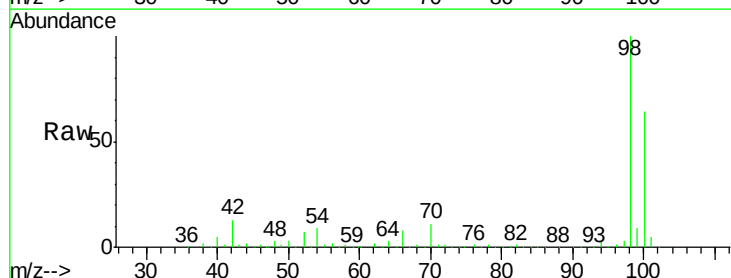
Manual Integrations
APPROVED

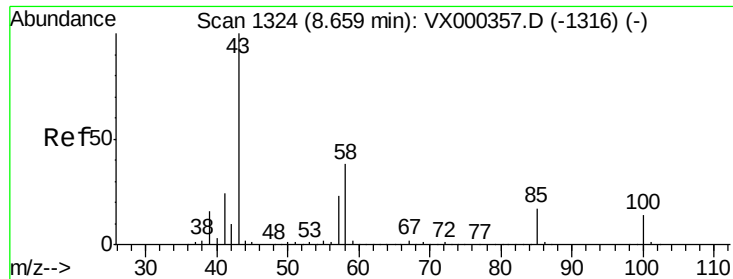
sam
3/30/2018 4:11:00 PM



#50
Toluene-d8
Concen: 43.47 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.2	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 97.13 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

ClientSampleId :

VX0329MBSD01

Tot Ion: 43 Resp: 294774

Ion Ratio Lower Upper

43 100

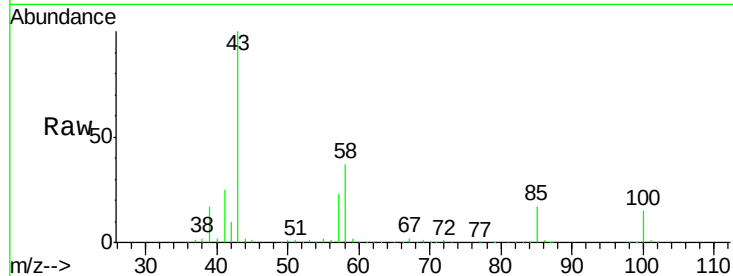
58 36.6 30.3 45.5

Manual Integrations

APPROVED

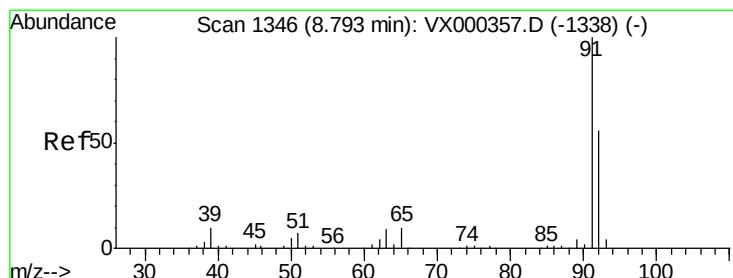
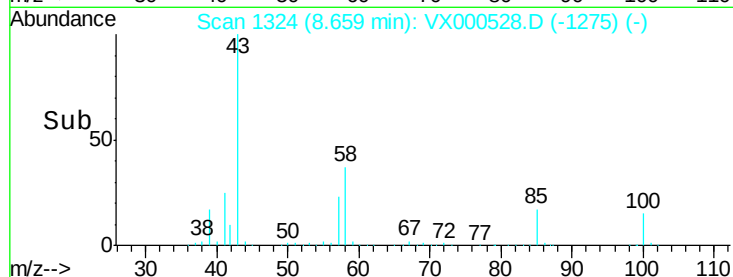
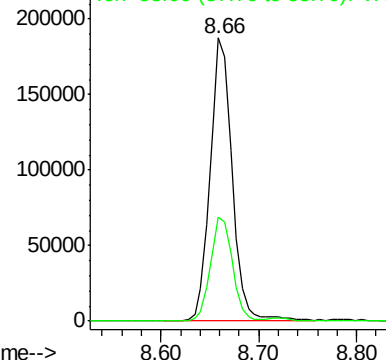
sam

3/30/2018 4:11:00 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.87 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000528.D

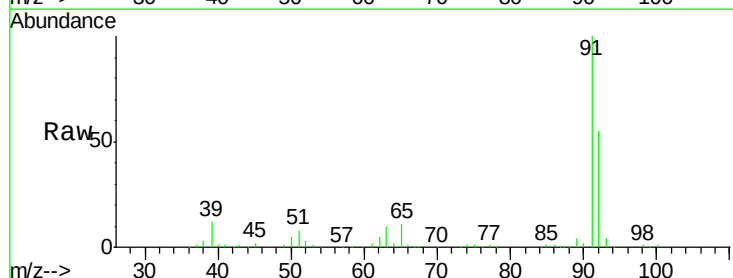
Acq: 29 Mar 2018 21:56

Tgt Ion: 92 Resp: 73884

Ion Ratio Lower Upper

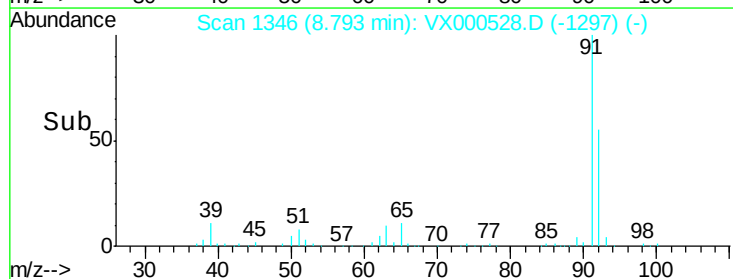
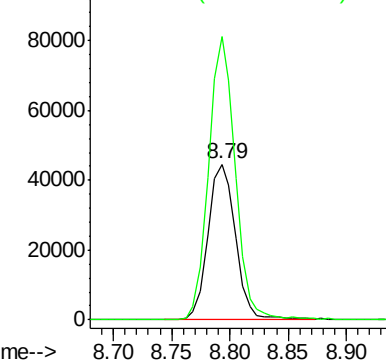
92 100

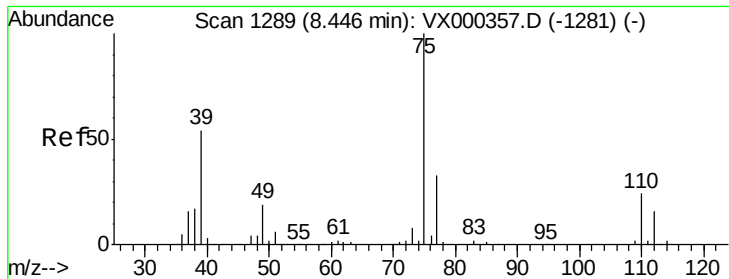
91 176.3 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





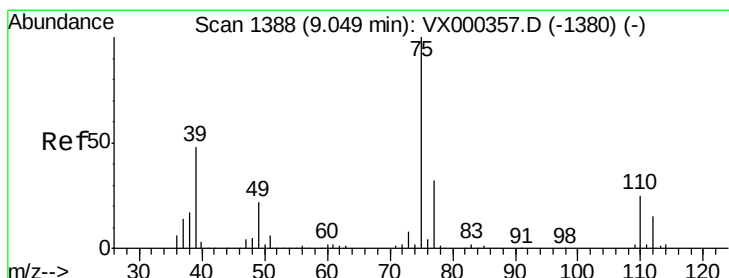
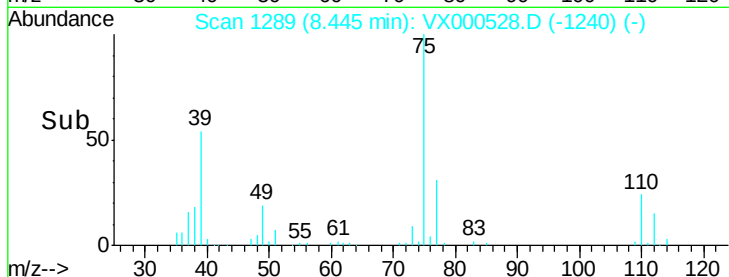
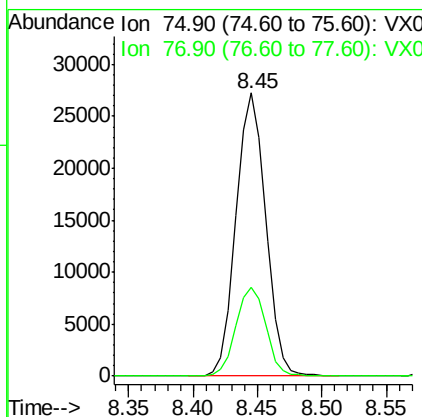
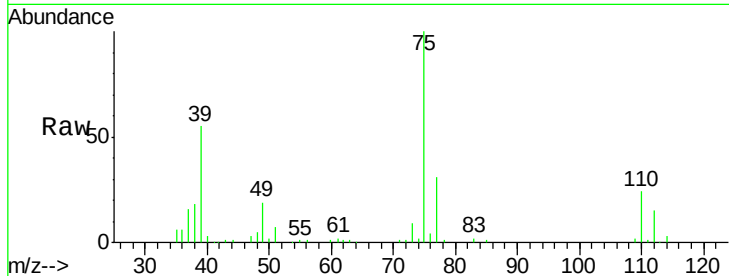
#53
t-1,3-Dichloropropene
Concen: 19.02 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBSD01

Tot Ion: 75 Resp: 43630
Ion Ratio Lower Upper
75 100
77 31.2 24.0 36.0

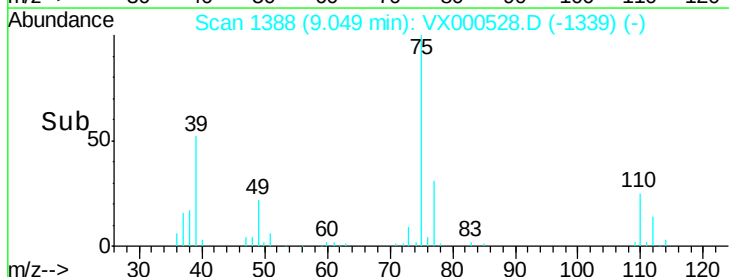
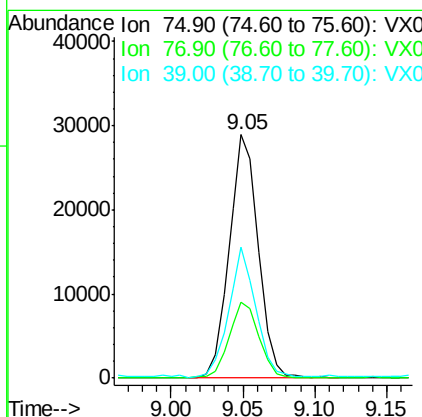
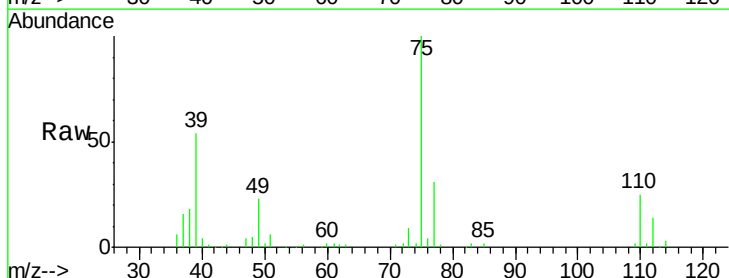
Manual Integrations
APPROVED

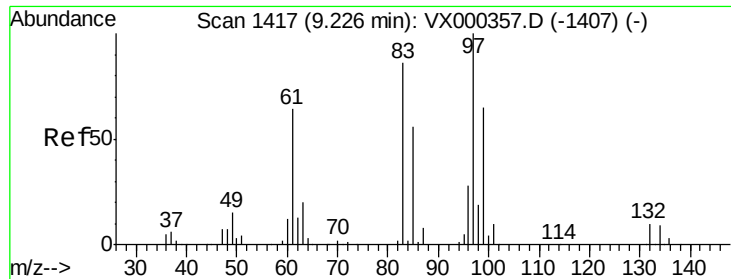
sam
3/30/2018 4:11:00 PM



#54
cis-1,3-Dichloropropene
Concen: 18.33 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion: 75 Resp: 40790
Ion Ratio Lower Upper
75 100
77 30.9 26.1 39.1
39 53.4 39.8 59.6





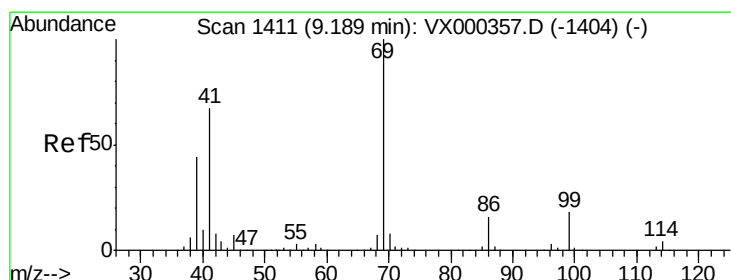
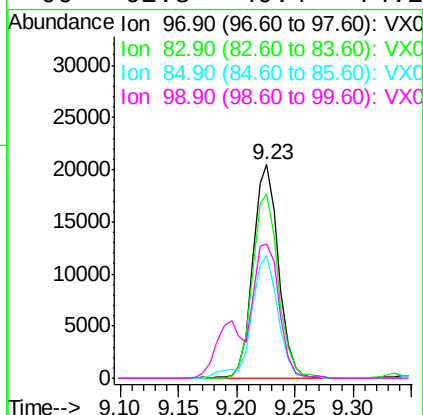
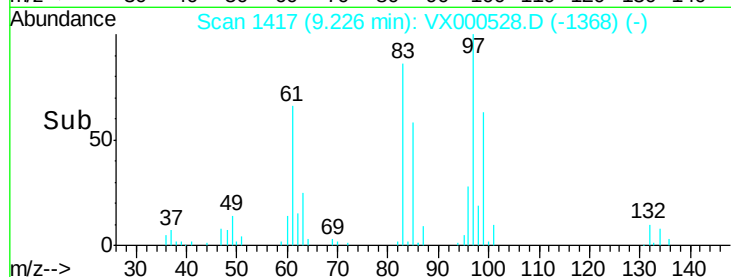
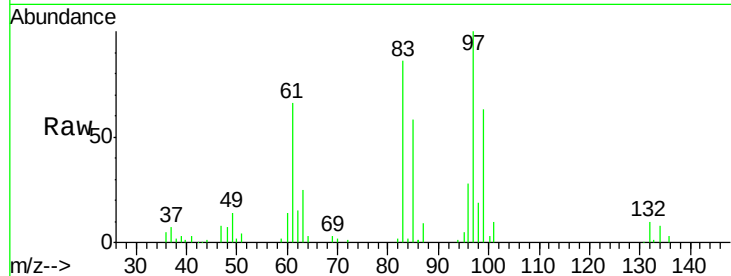
#55
 1,1,2-Trichloroethane
 Concen: 19.43 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329MBSD01

Tot Ion:	97	Resp:	31281
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.9	101.9
85	57.6	42.8	64.2
99	62.8	49.4	74.2

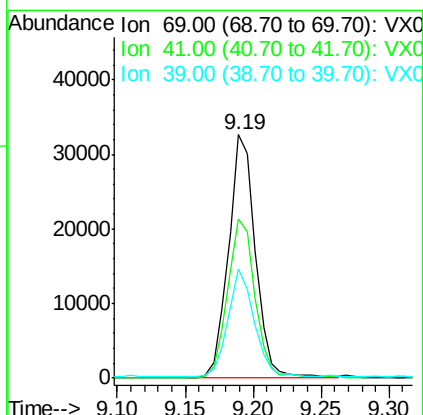
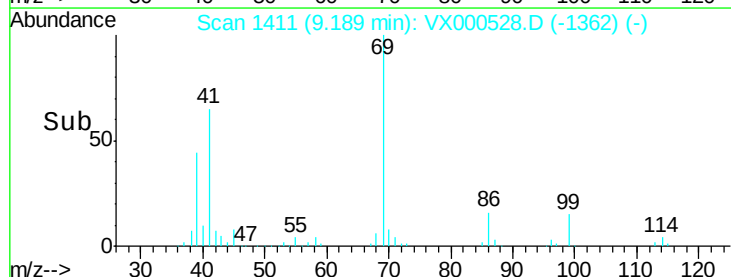
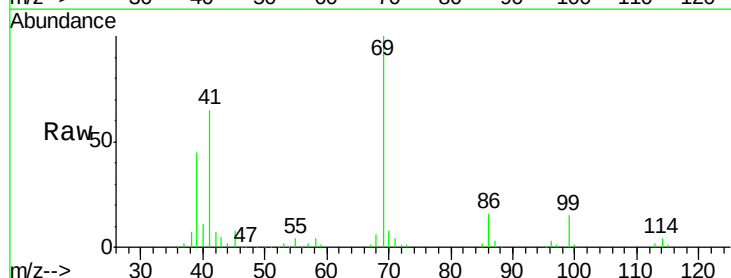
Manual Integrations
 APPROVED

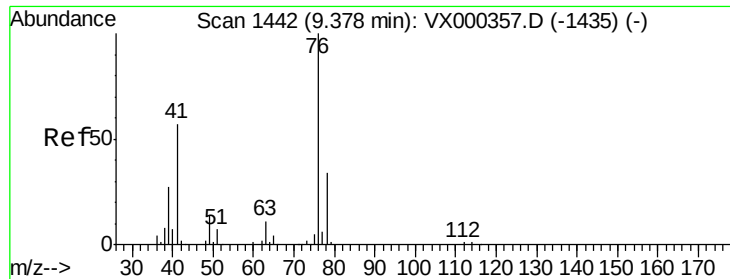
sam
 3/30/2018 4:11:00 PM



#56
 Ethyl methacrylate
 Concen: 18.48 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Tgt Ion:	69	Resp:	45070
Ion	Ratio	Lower	Upper
69	100		
41	67.8	53.0	79.6
39	42.6	35.3	52.9





#57

1,3-Dichloropropane

Concen: 20.16 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

ClientSampleId :

VX0329MBSD01

Tot Ion: 76 Resp: 51897

Ion Ratio Lower Upper

76 100

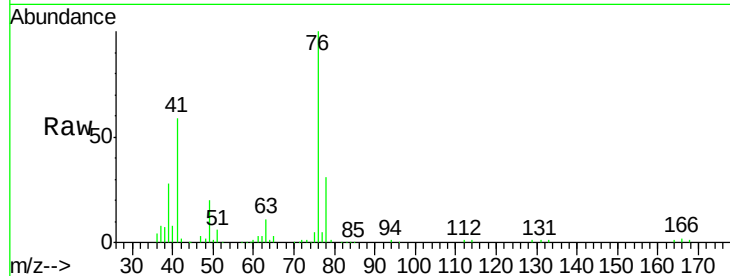
78 31.7 26.4 39.6

Manual Integrations

APPROVED

sam

3/30/2018 4:11:00 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

40000

30000

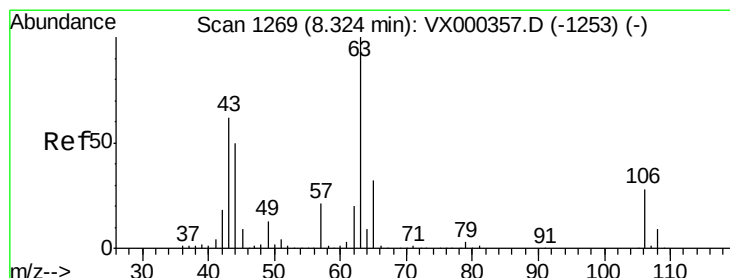
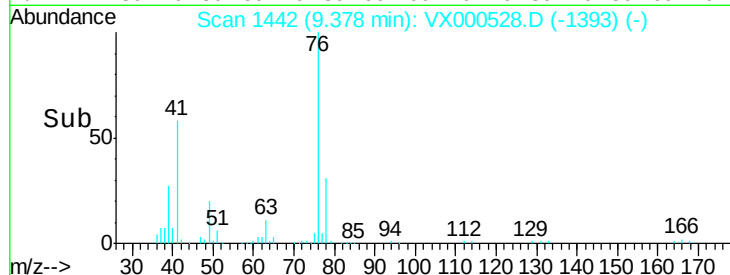
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 78.92 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000528.D

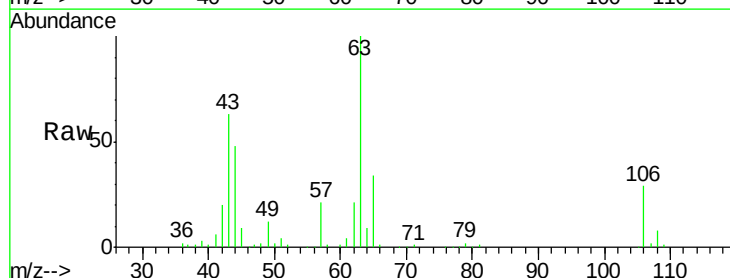
Acq: 29 Mar 2018 21:56

Tgt Ion: 63 Resp: 92396

Ion Ratio Lower Upper

63 100

106 28.3 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

60000

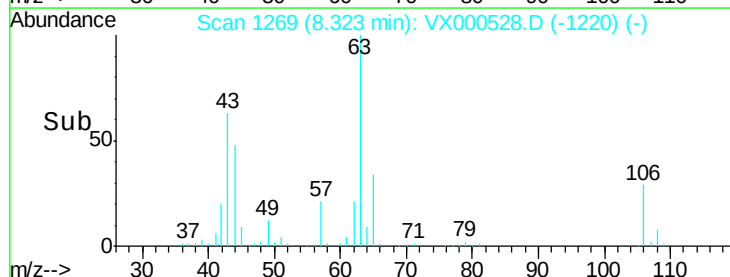
40000

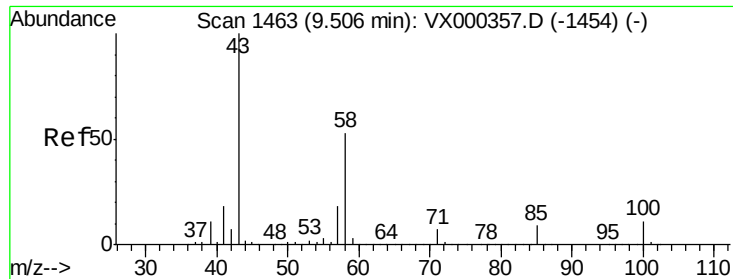
20000

0

8.25 8.30 8.35 8.40

Time-->





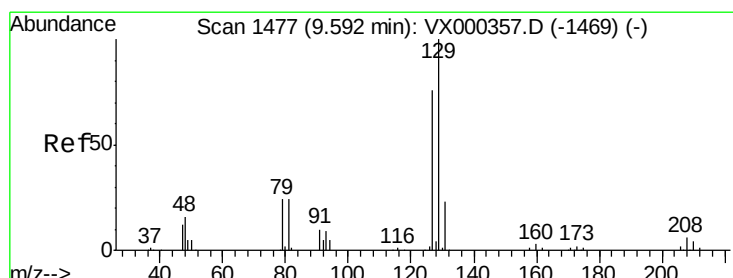
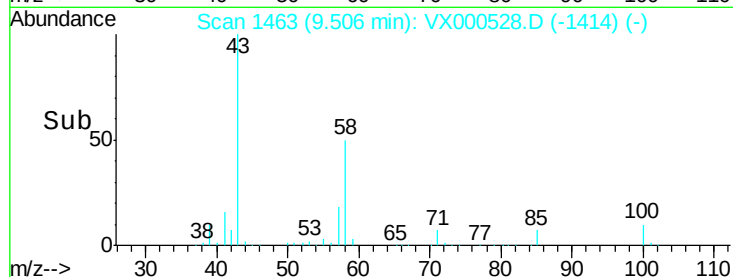
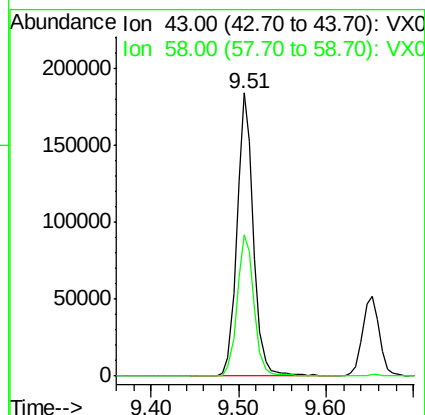
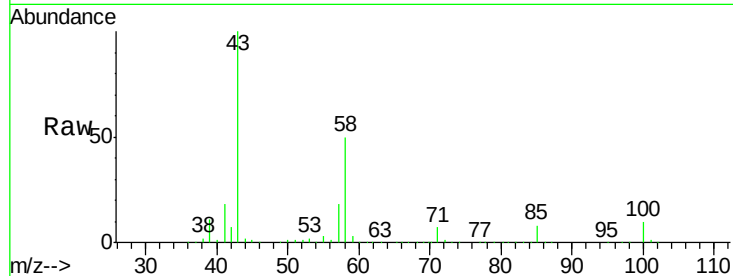
#59
2-Hexanone
Concen: 94.23 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBSD01

Tot Ion: 43 Resp: 242812
Ion Ratio Lower Upper
43 100
58 51.2 26.6 79.7

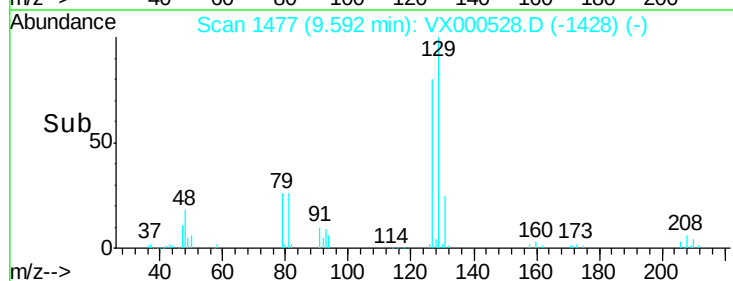
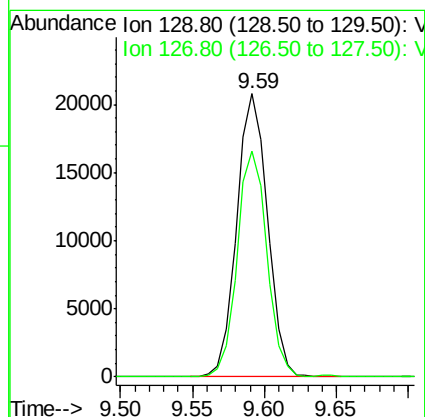
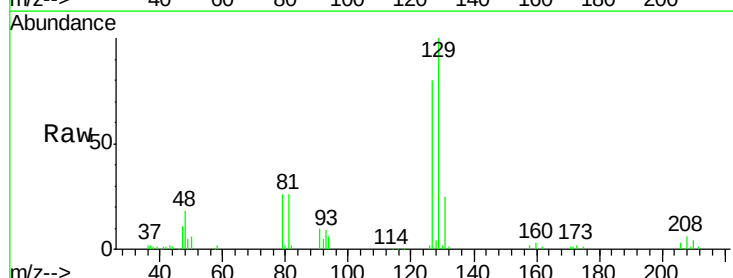
Manual Integrations
APPROVED

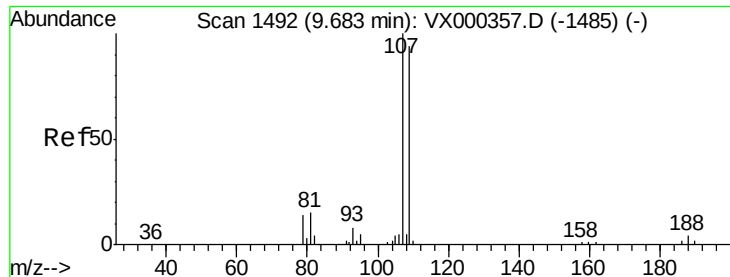
sam
3/30/2018 4:11:00 PM



#60
Dibromochloromethane
Concen: 19.04 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion: 129 Resp: 30989
Ion Ratio Lower Upper
129 100
127 77.0 37.9 113.6





#61

1,2-Dibromoethane

Concen: 20.14 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

ClientSampleId :

VX0329MBSD01

Tot Ion:107 Resp: 34773

Ion Ratio Lower Upper

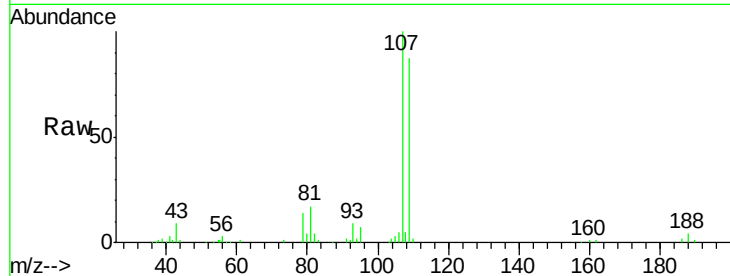
107 100

109 92.6 76.1 114.1

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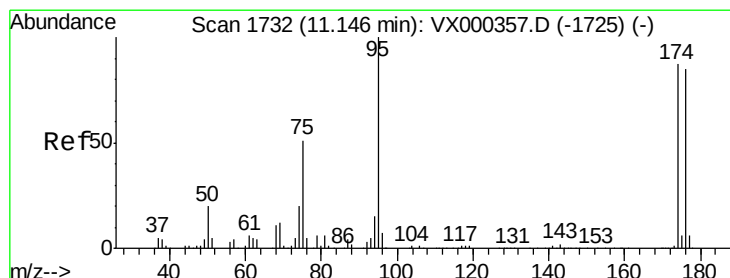
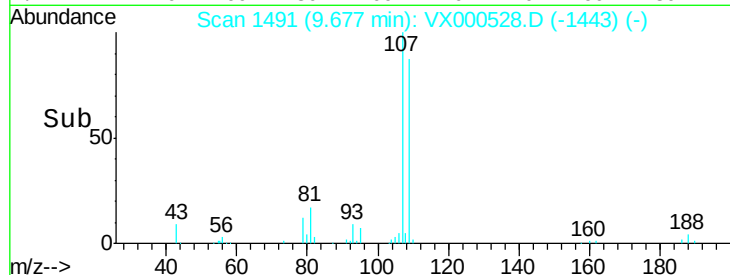
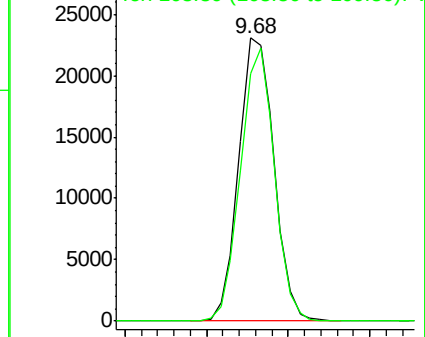
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.27 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

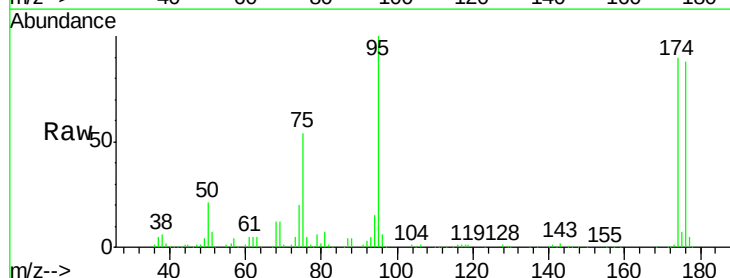
Tgt Ion: 95 Resp: 88299

Ion Ratio Lower Upper

95 100

174 90.0 0.0 173.6

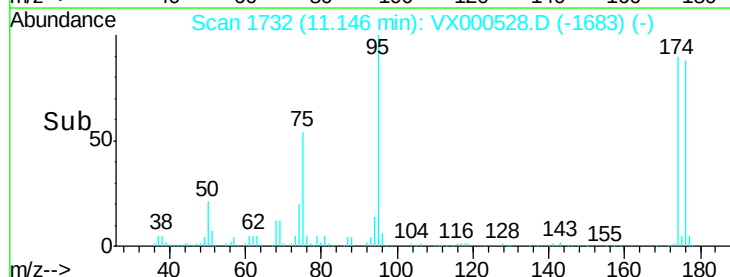
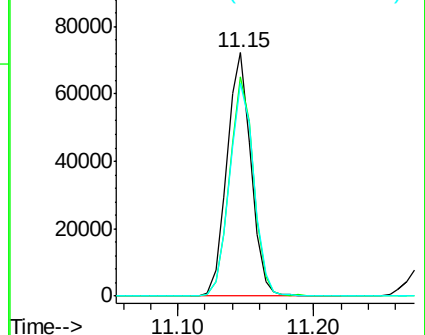
176 89.1 0.0 164.6

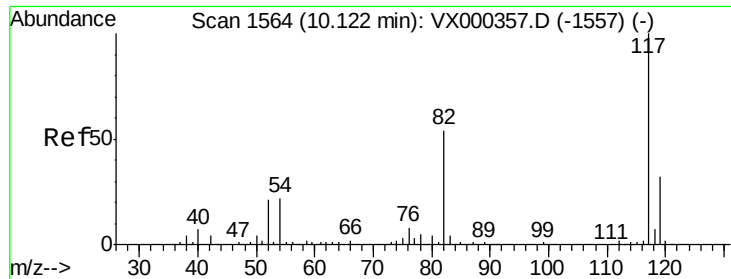


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





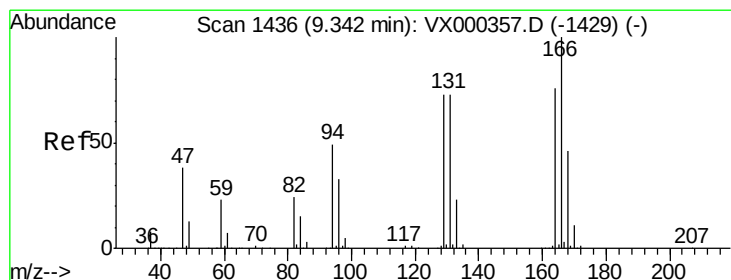
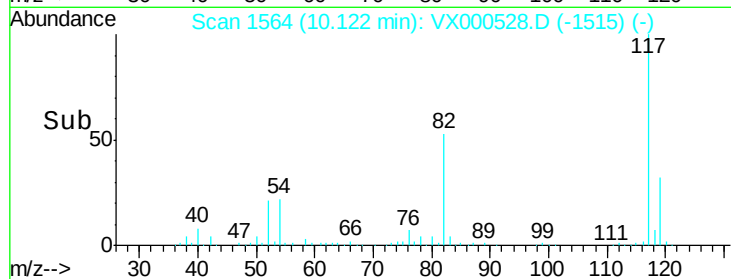
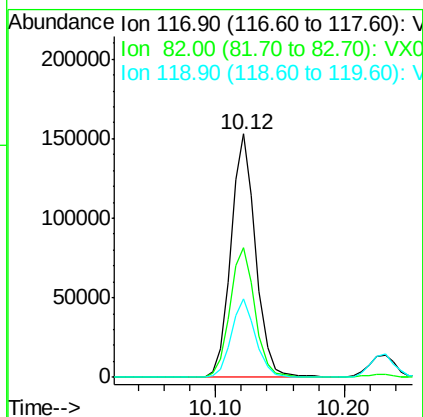
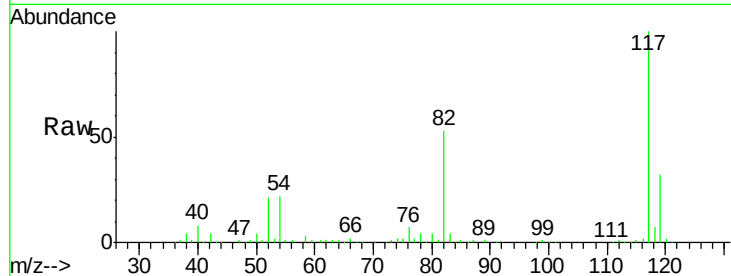
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.8	65.8
119	32.1	24.9	37.3

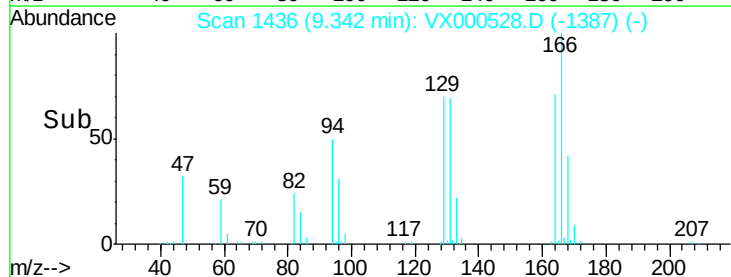
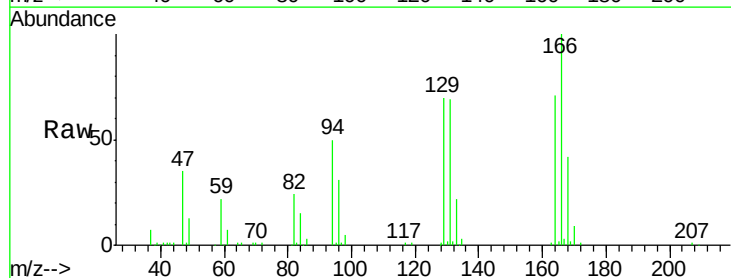
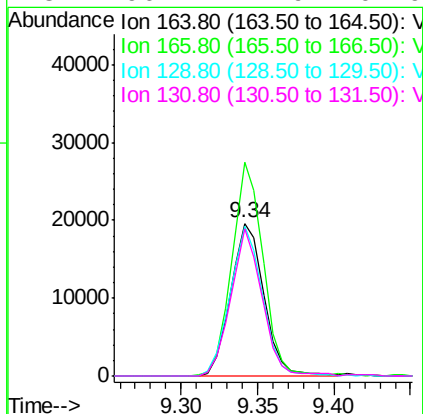
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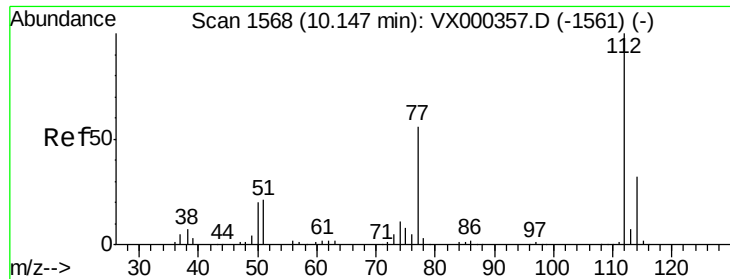
sam
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#64
Tetrachloroethene
Concen: 18.53 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	140.0	101.0	151.6
129	98.3	79.0	118.4
131	96.4	71.9	107.9





#65

Chlorobenzene

Concen: 19.01 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

ClientSampled :

VX0329MBSD01

Tot Ion:112 Resp: 86928

Ion Ratio Lower Upper

112 100

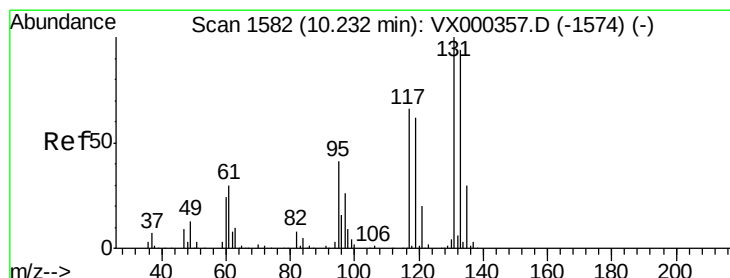
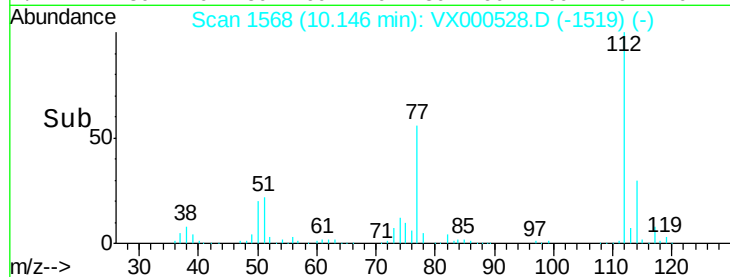
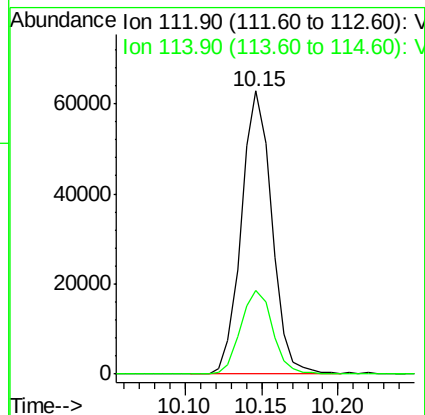
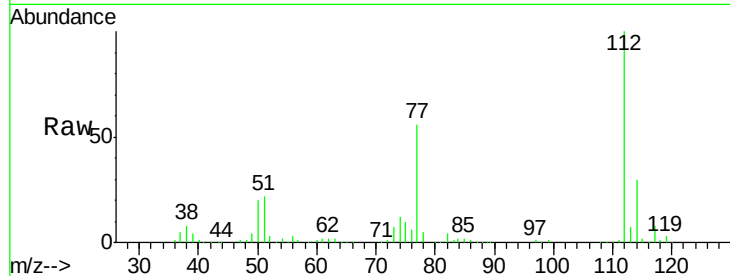
114 29.7 25.7 38.5

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.60 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

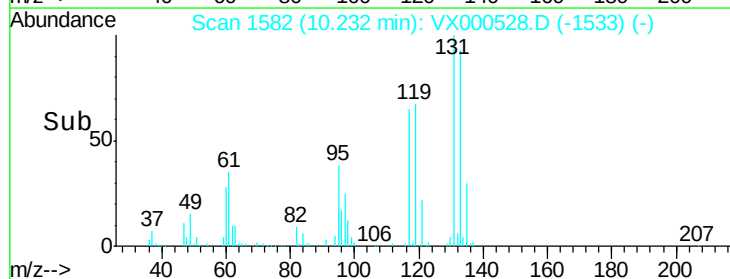
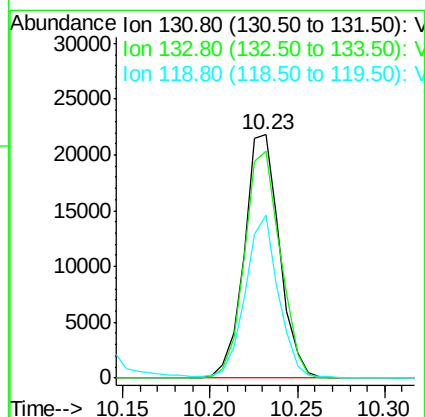
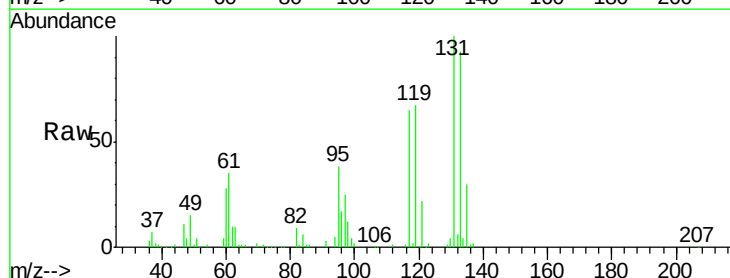
Tgt Ion:131 Resp: 30447

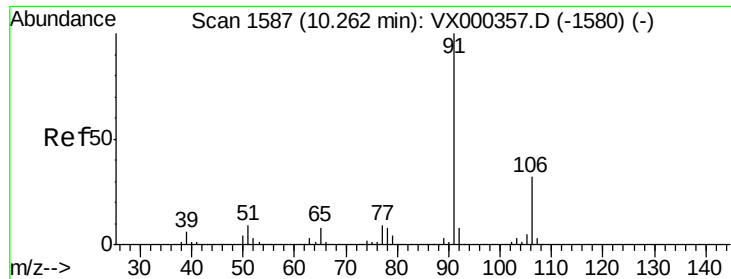
Ion Ratio Lower Upper

131 100

133 94.8 47.1 141.3

119 63.3 33.1 99.2





#67

Ethyl Benzene

Concen: 19.16 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

ClientSampleId :

VX0329MBSD01

Tot Ion: 91 Resp: 148538

Ion Ratio Lower Upper

91 100

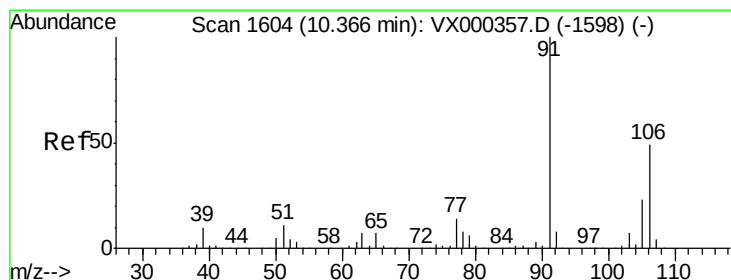
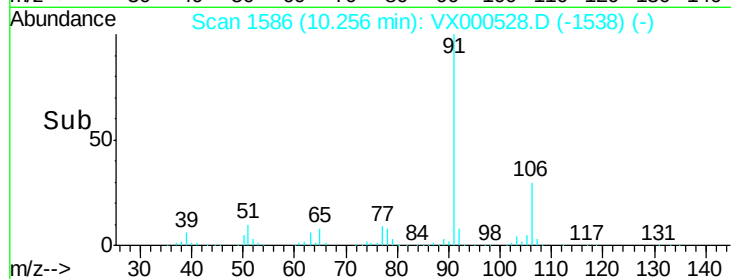
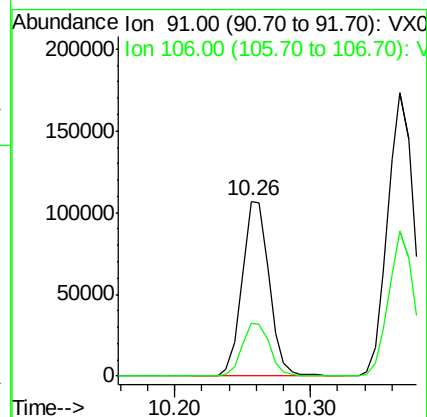
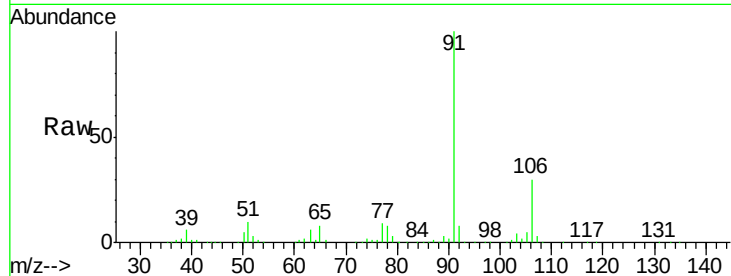
106 30.3 25.0 37.6

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#68

m/p-Xylenes

Concen: 37.93 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000528.D

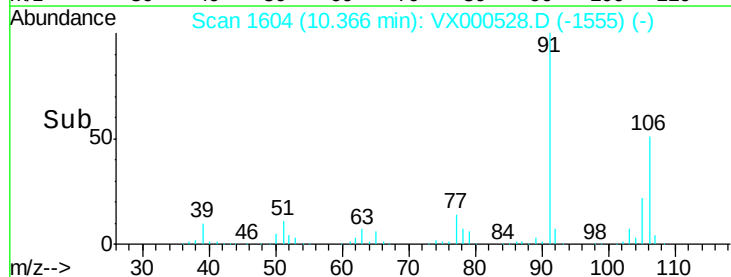
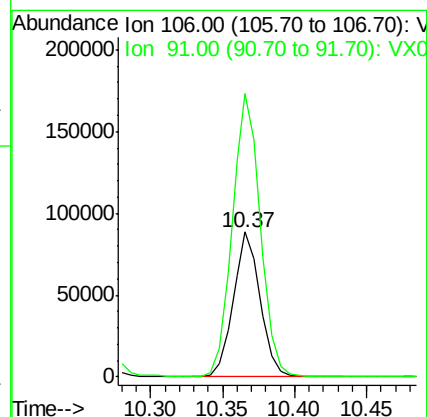
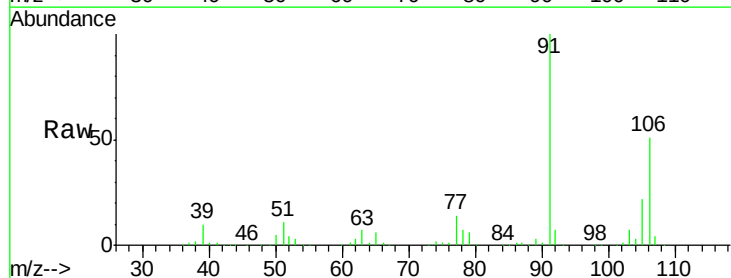
Acq: 29 Mar 2018 21:56

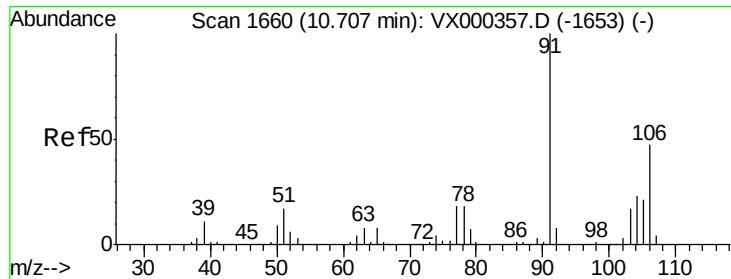
Tgt Ion: 106 Resp: 115720

Ion Ratio Lower Upper

106 100

91 204.9 163.4 245.2





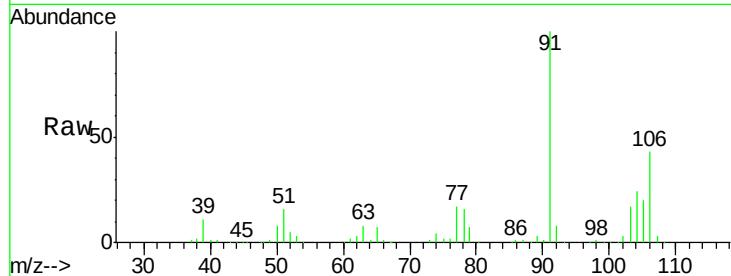
#69
o-Xylene
Concen: 18.84 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBS01

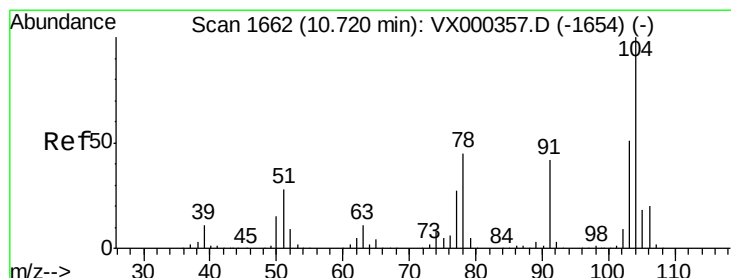
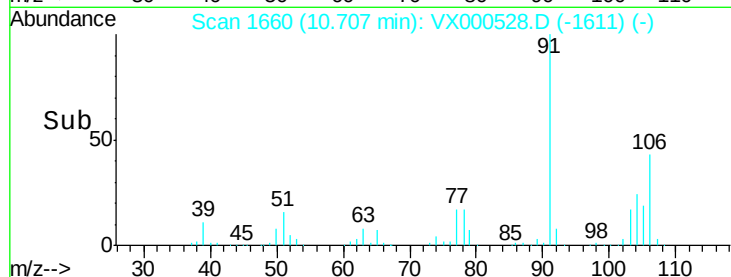
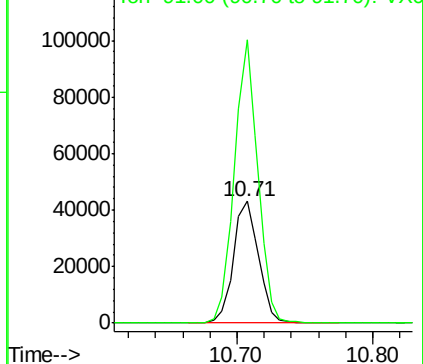
Tot Ion:106 Resp: 55654
Ion Ratio Lower Upper
106 100
91 216.1 106.5 319.6

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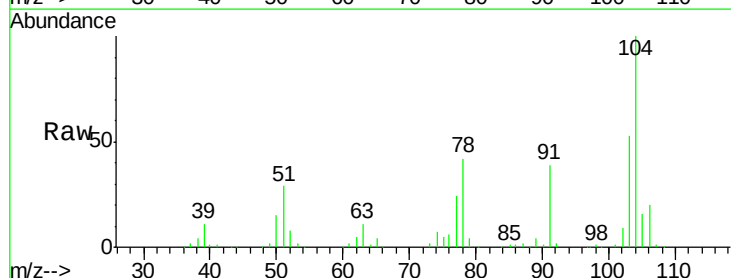


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

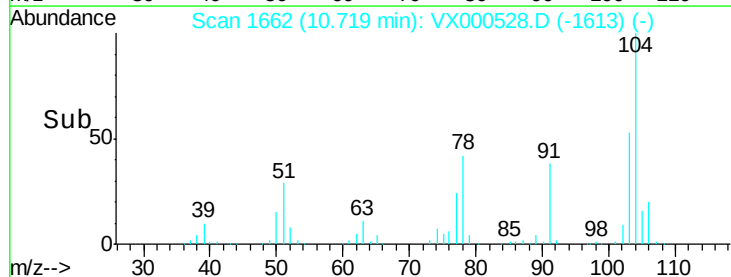
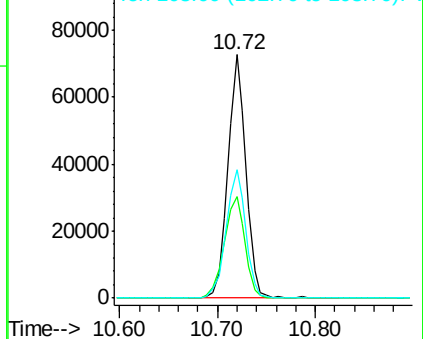


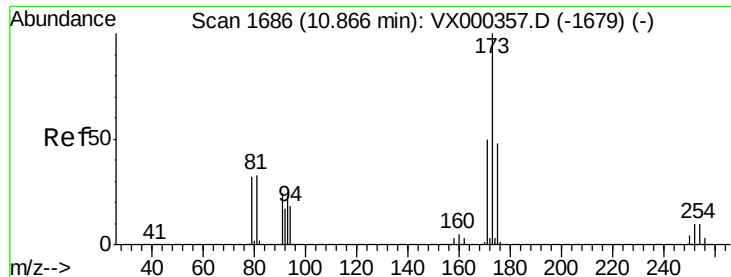
#70
Styrene
Concen: 19.02 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion:104 Resp: 92974
Ion Ratio Lower Upper
104 100
78 48.4 40.5 60.7
103 57.3 45.7 68.5



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





#71

Bromoform

Concen: 17.96 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

ClientSampleId :

VX0329MBSD01

Tot Ion:173 Resp: 23591

Ion Ratio Lower Upper

173 100

175 49.7 25.4 76.4

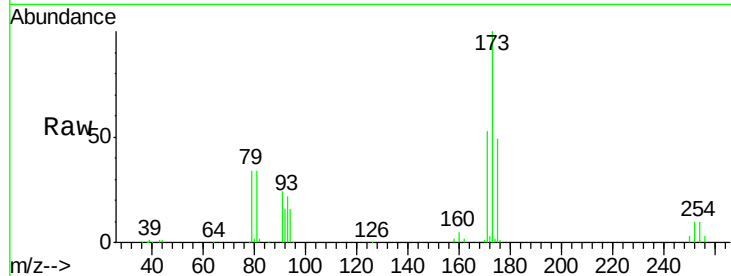
254 0.0 0.0 0.0

Manual Integrations

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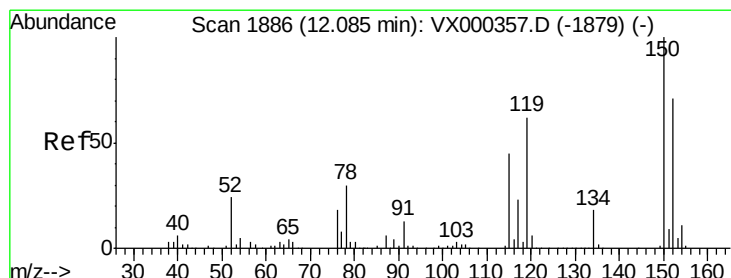
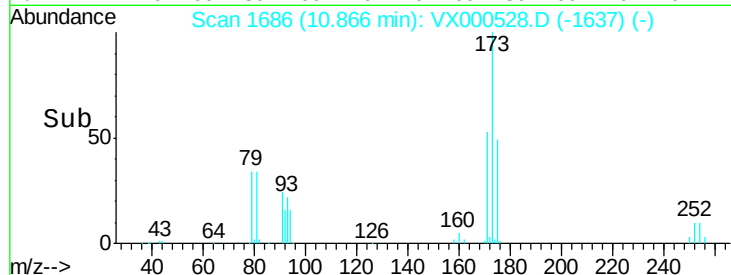
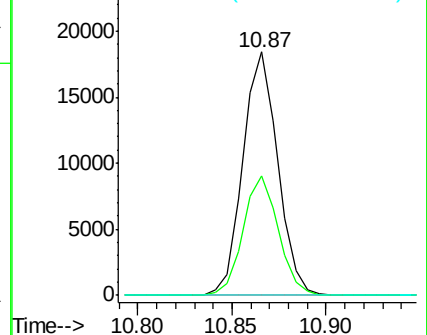
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

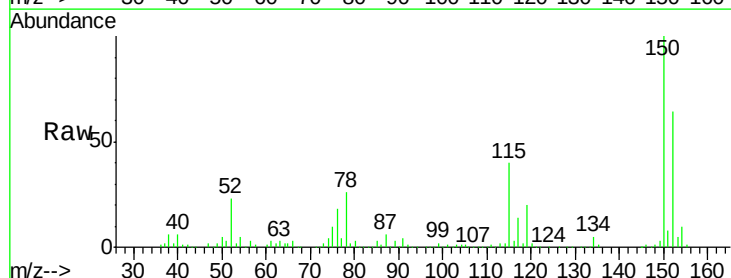
Tgt Ion:152 Resp: 119788

Ion Ratio Lower Upper

152 100

115 66.9 39.8 119.3

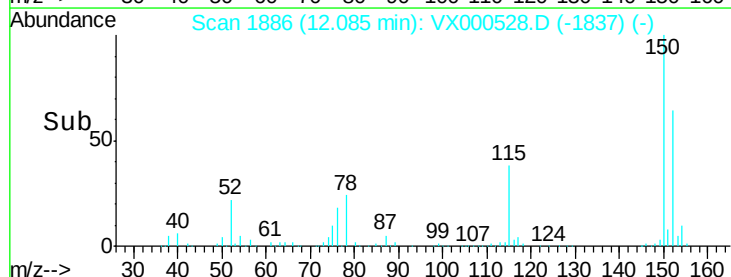
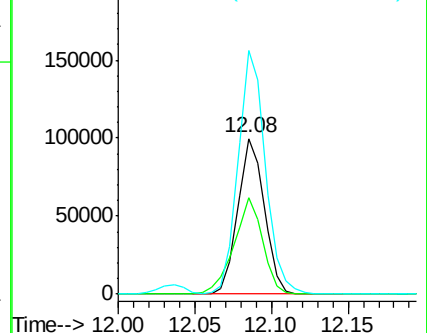
150 161.5 0.0 344.4

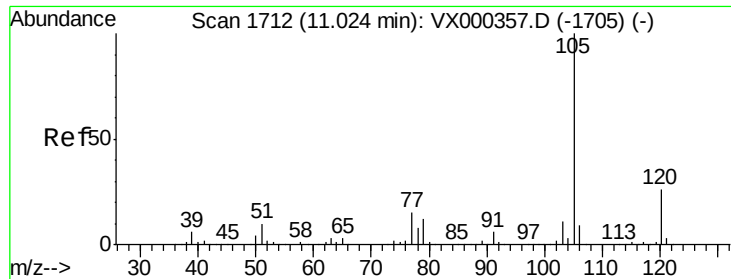


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.09 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

ClientSampled :

VX0329MBSD01

Tot Ion:105 Resp: 151530

Ion Ratio Lower Upper

105 100

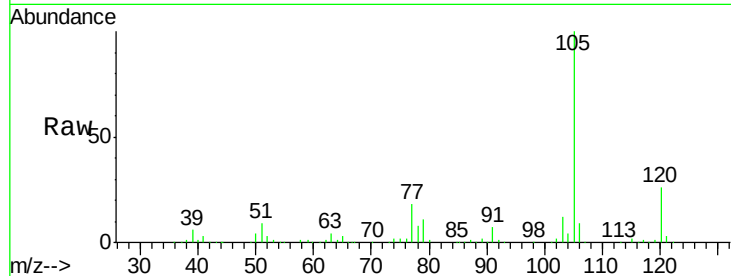
120 26.6 13.6 40.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

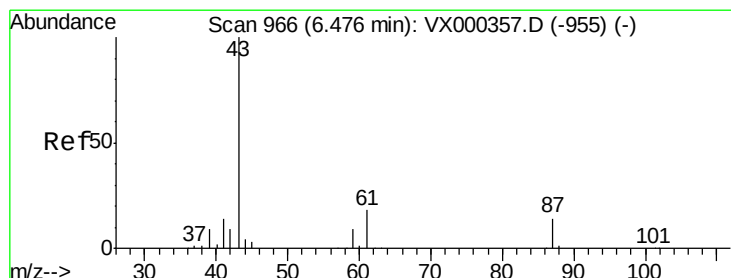
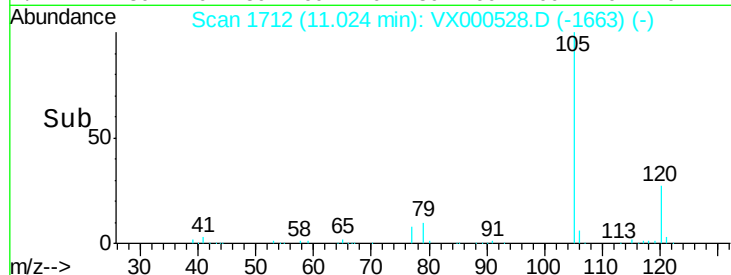
11.02

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.34 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Tgt Ion: 43 Resp: 73883

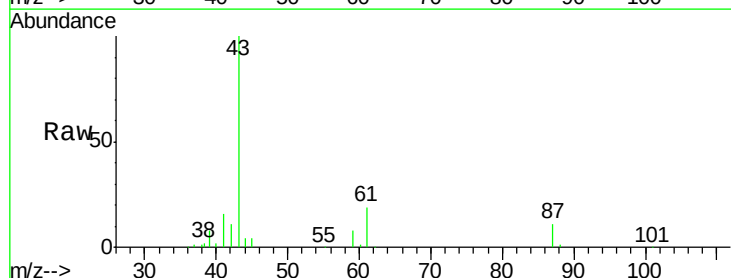
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.1 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.48

40000

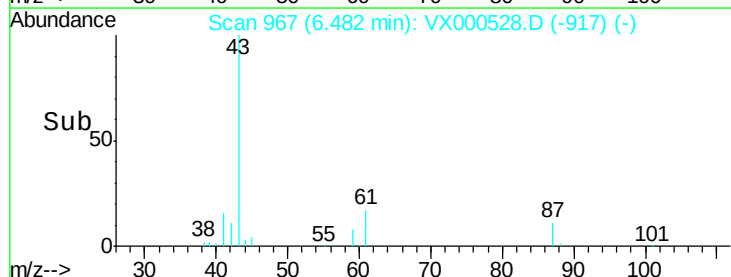
30000

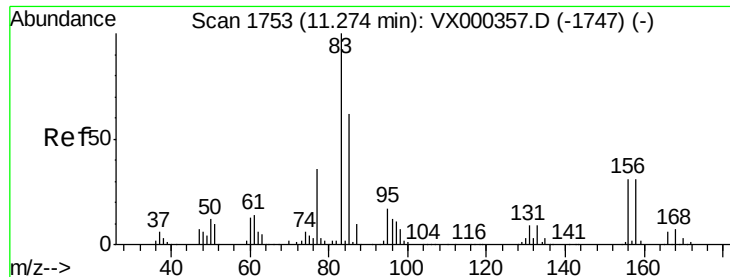
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.02 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

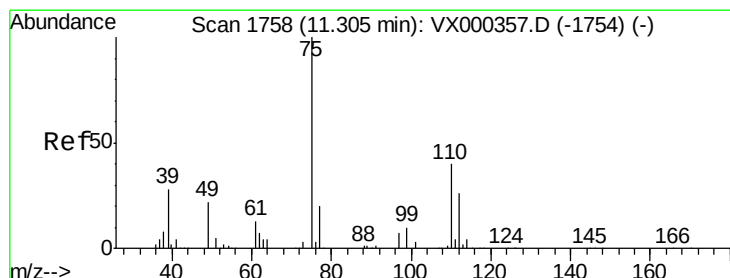
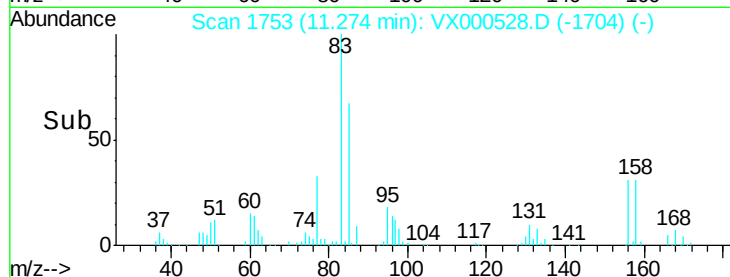
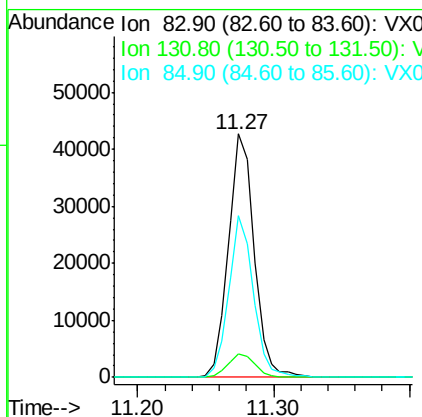
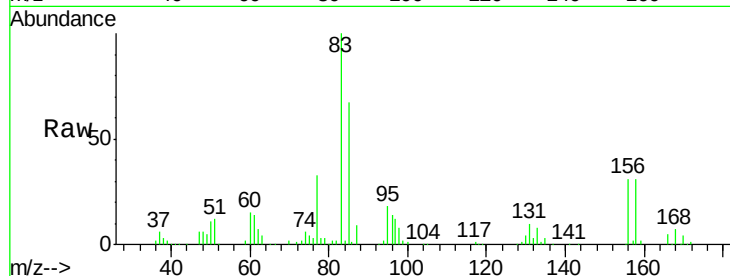
ClientSampleId :

VX0329MBS01

Tot Ion:	83	Resp:	56191
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	14.9
85	63.9	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.03 ug/l m

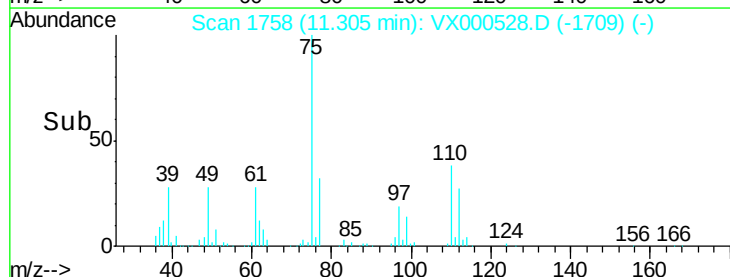
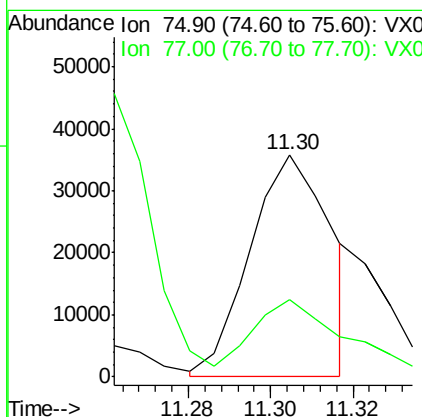
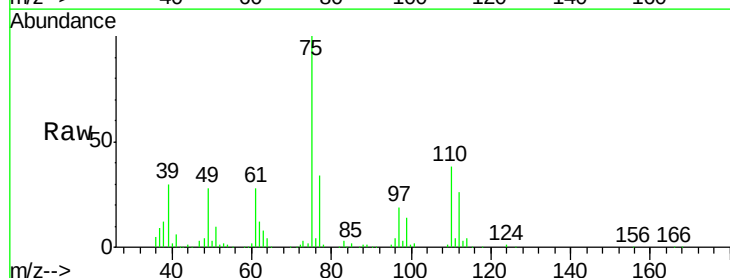
RT: 11.30 min Scan# 1758

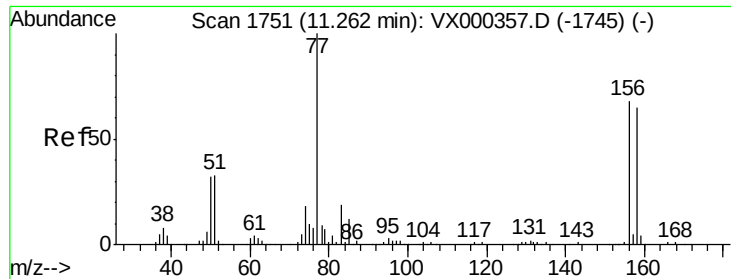
Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Tgt Ion:	75	Resp:	48984
Ion	Ratio	Lower	Upper
75	100		
77	40.7	21.4	64.2





#77

Bromobenzene

Concen: 17.99 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

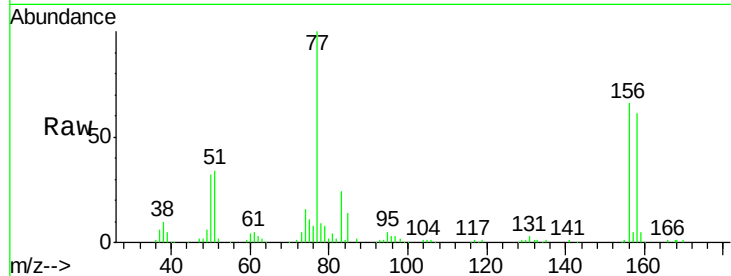
ClientSampleId :

VX0329MBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	151.7	73.4	220.2	
158	97.8	48.5	145.6	

Manual Integrations
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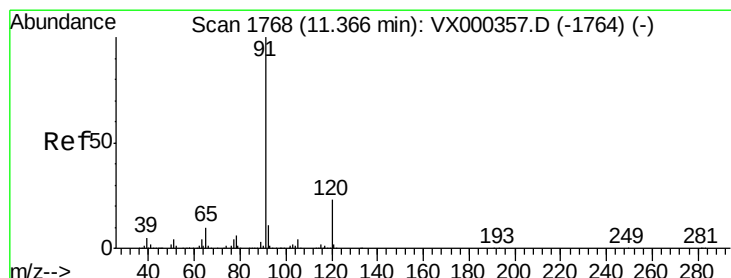
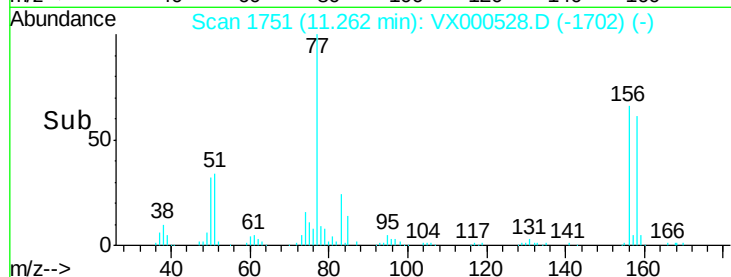
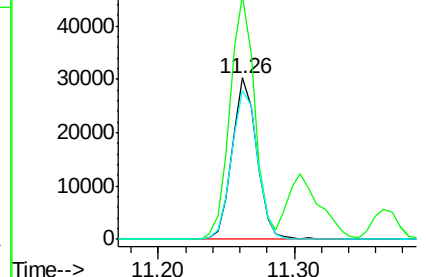
sam
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.04 ug/l

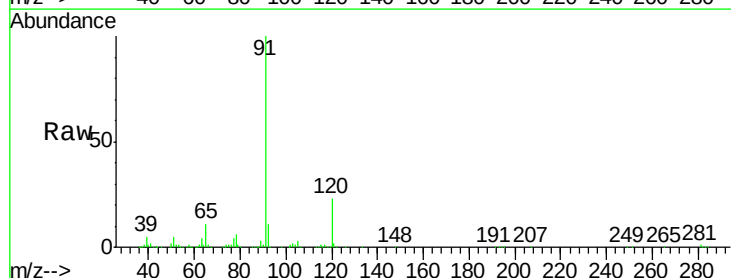
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000528.D

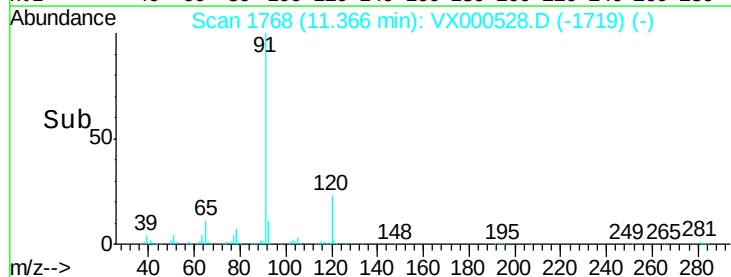
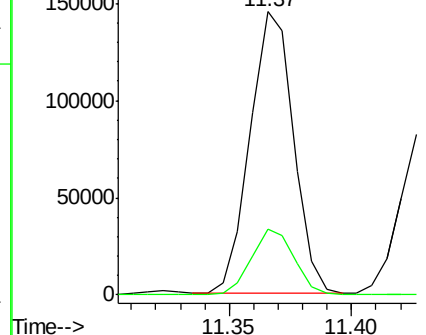
Acq: 29 Mar 2018 21:56

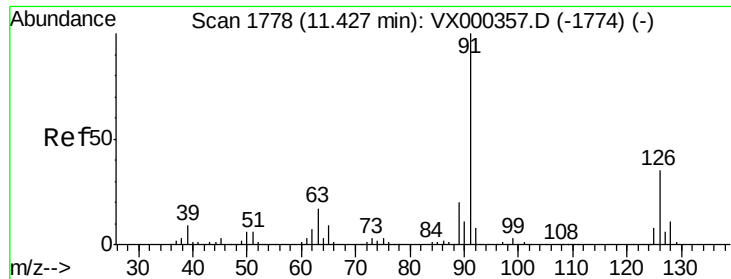
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.0	11.8	35.3	



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





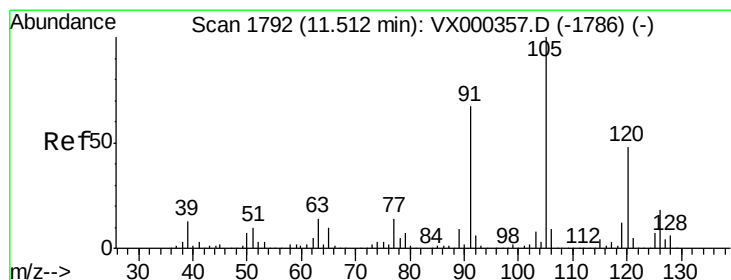
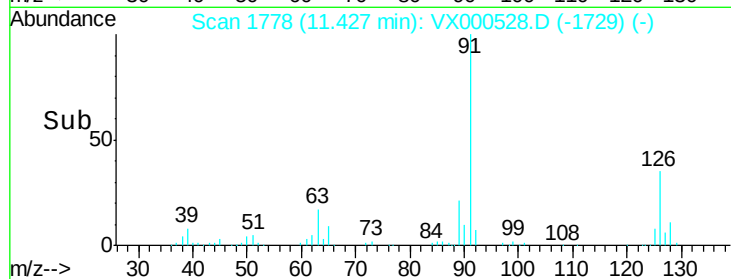
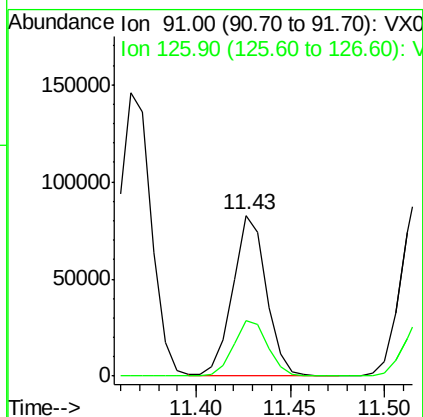
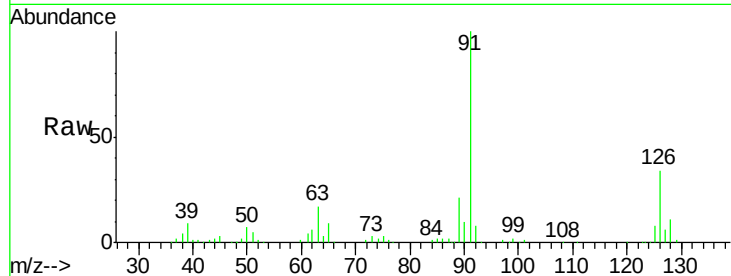
#79
 2-Chlorotoluene
 Concen: 18.56 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329MBSD01

Tot Ion: 91 Resp: 101478
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.7 53.1

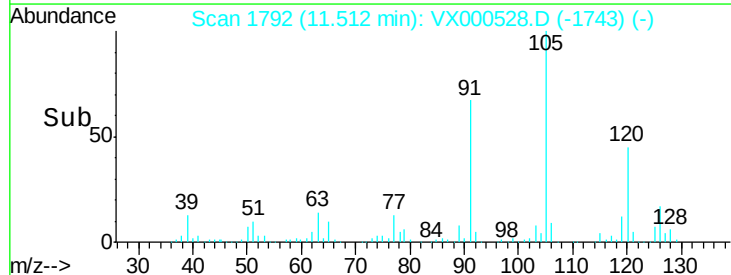
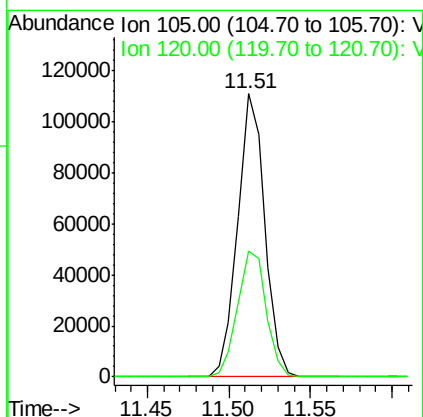
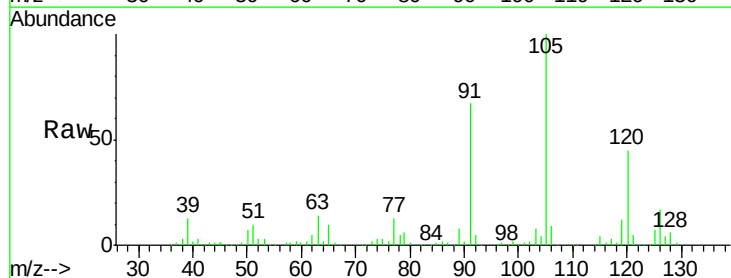
Manual Integrations
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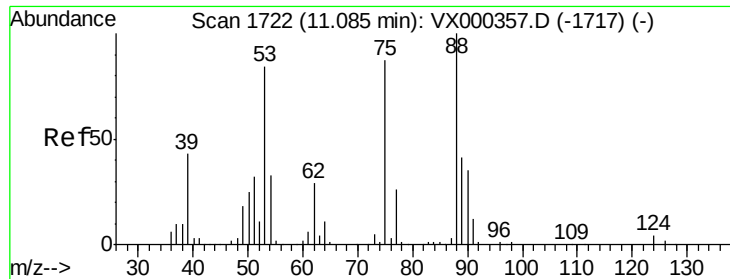
sam
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.27 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Tgt Ion: 105 Resp: 128618
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.1 72.4





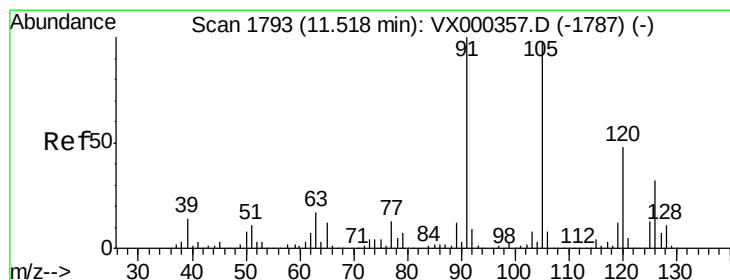
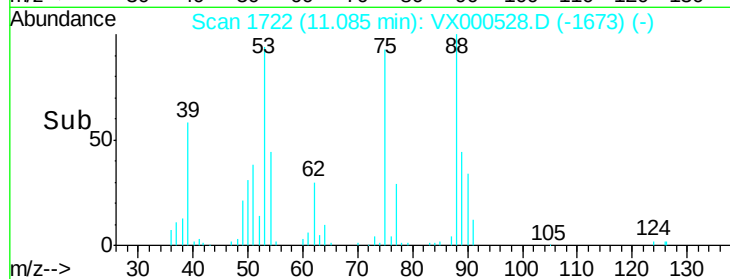
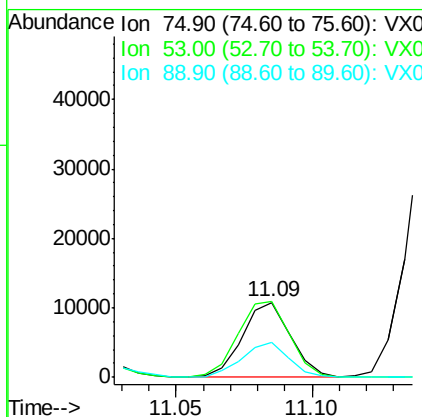
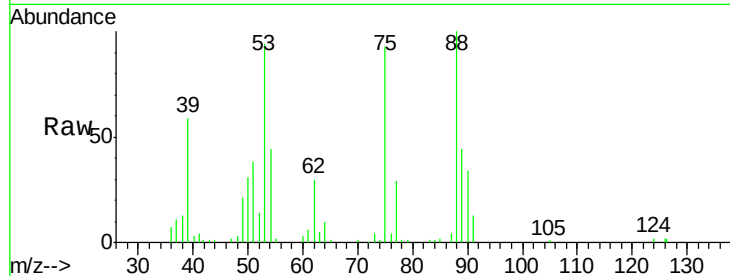
#81
trans-1,4-Dichloro-2-butene
Concen: 16.78 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.9	80.7	121.1
89	45.5	39.4	59.0

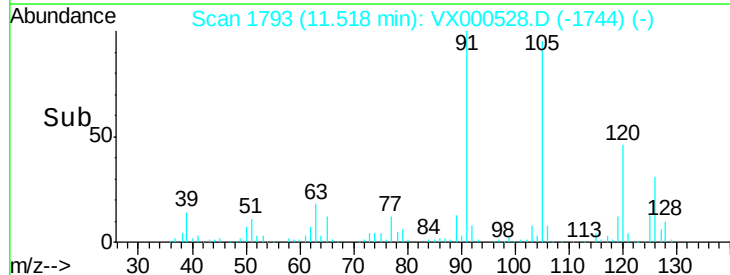
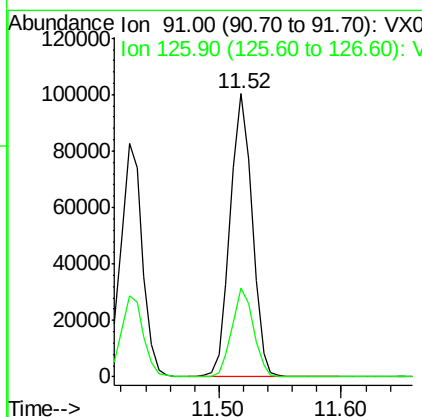
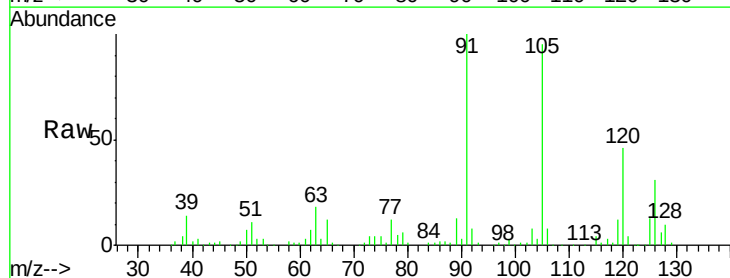
Manual Integrations
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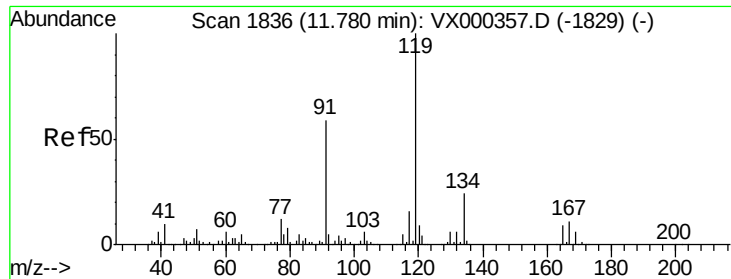
sam
3/30/2018 4:11:00 PM



#82
4-Chlorotoluene
Concen: 19.08 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.1





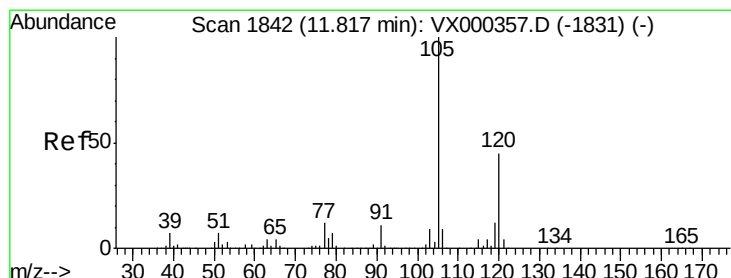
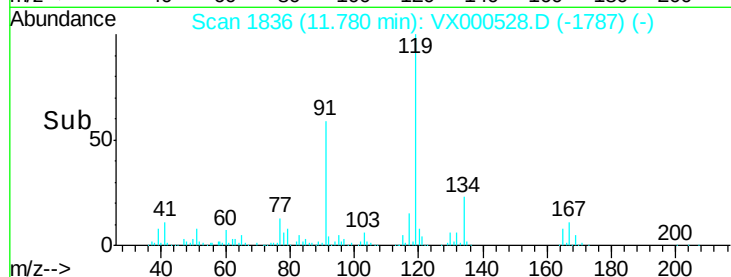
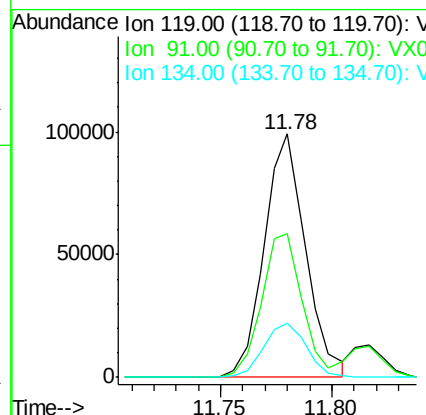
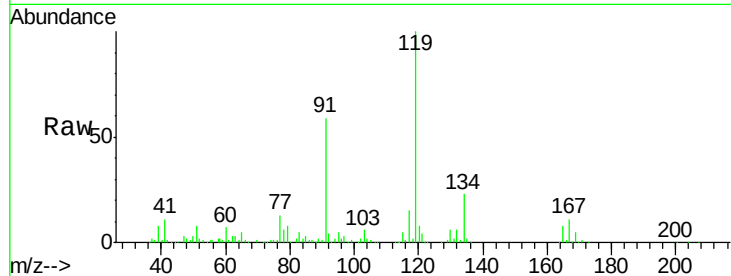
#83
 tert-Butylbenzene
 Concen: 18.96 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Instrument :
 MSVOA_X
 ClientSampled :
 VX0329MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	127638		
91	57.9		28.8	86.4
134	23.2		11.4	34.1

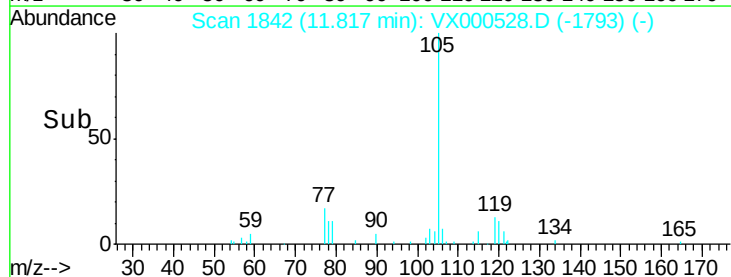
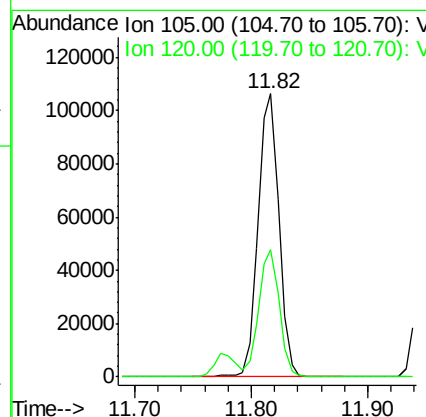
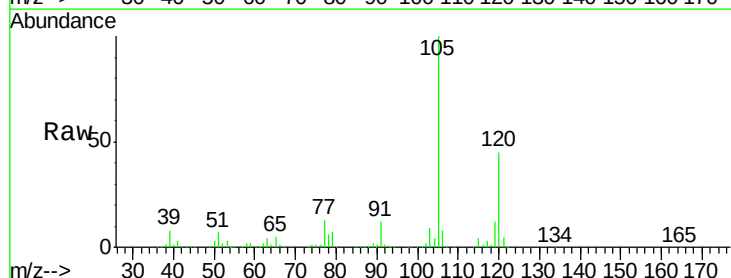
Manual Integrations
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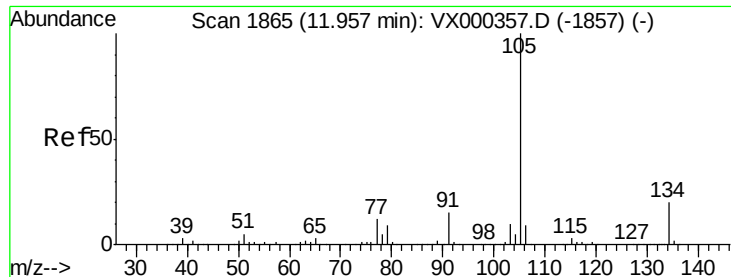
sam
 3/30/2018 4:11:00 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.03 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	133140		
120	44.1		22.4	67.3





#85

sec-Butylbenzene

Concen: 19.29 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

ClientSampleId :

VX0329MBS01

Tot Ion:105 Resp: 160614

Ion Ratio Lower Upper

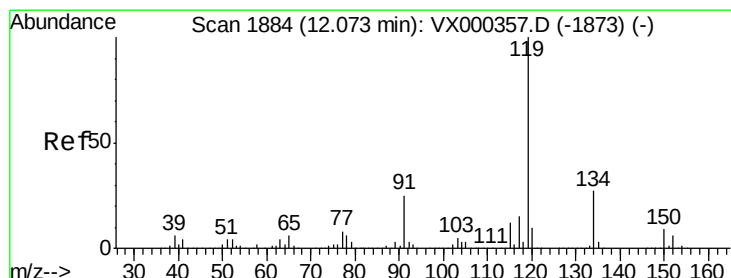
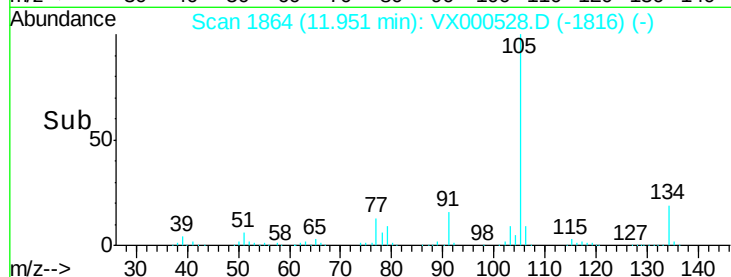
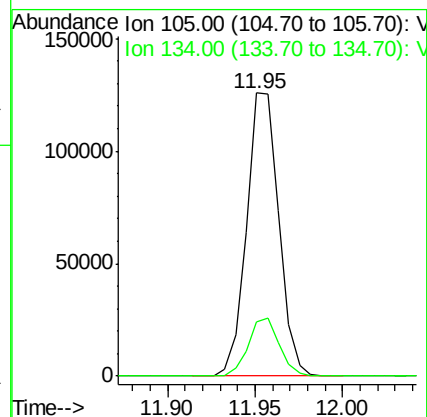
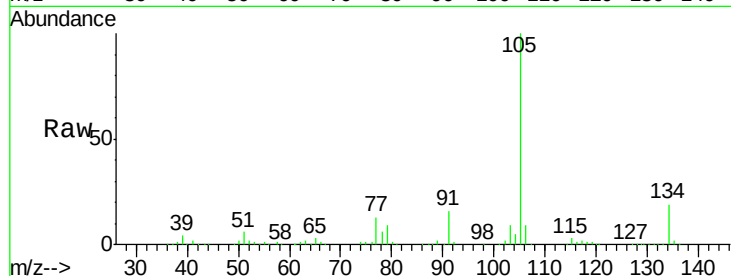
105 100

134 20.0 10.3 30.8

Manual Integrations
APPROVED

sam

3/30/2018 4:11:00 PM



#86

p-Isopropyltoluene

Concen: 18.94 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

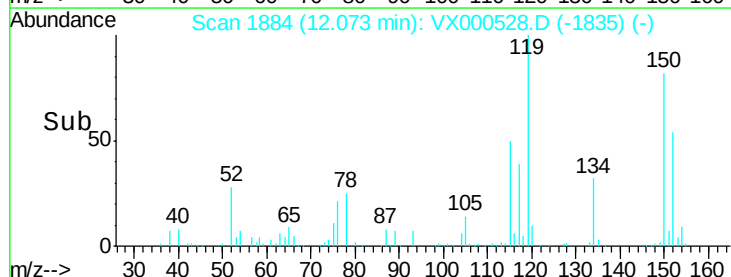
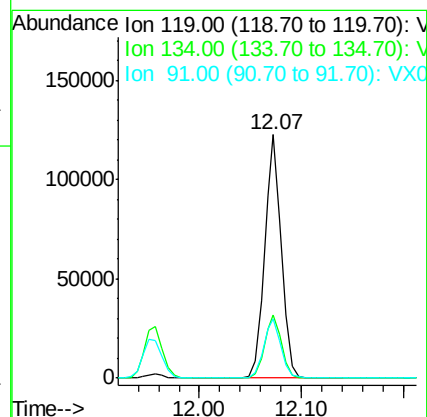
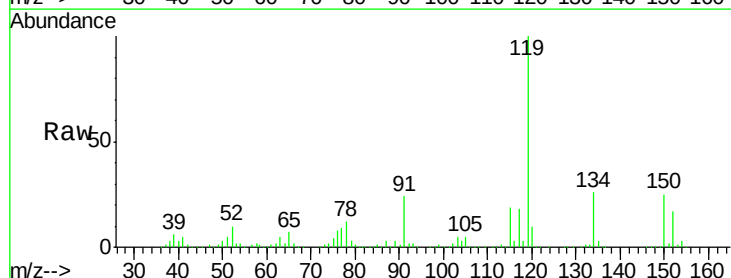
Tgt Ion:119 Resp: 140071

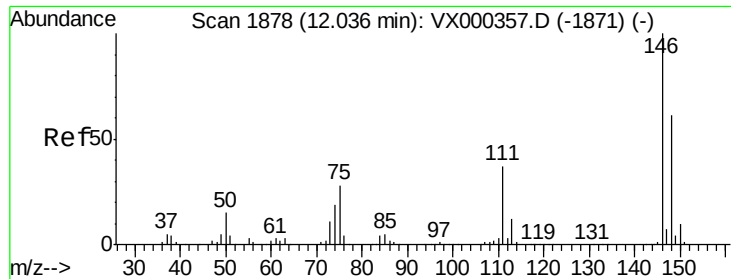
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 25.4 12.0 36.1





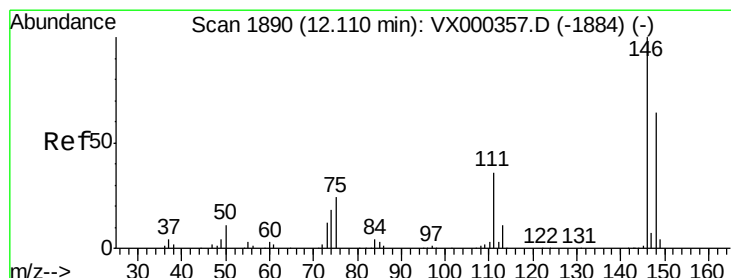
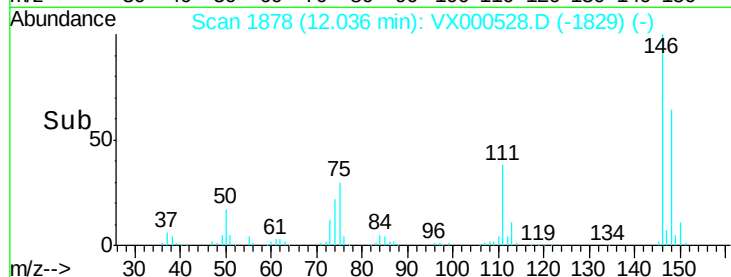
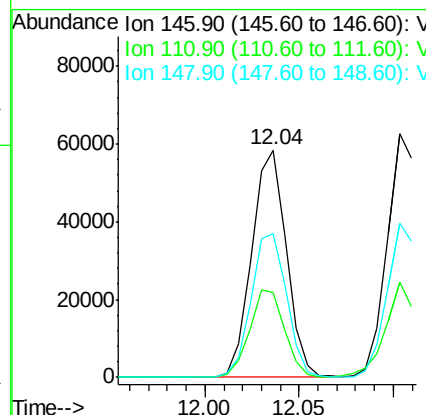
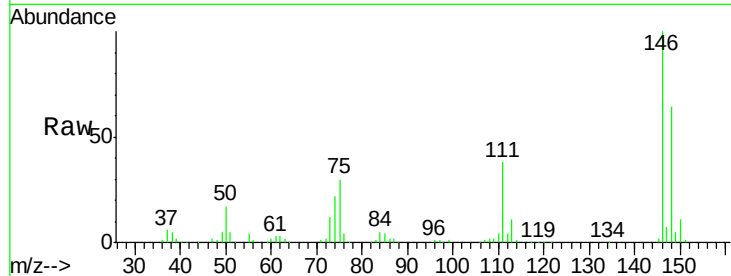
#87
 1,3-Dichlorobenzene
 Concen: 18.65 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	64.9	32.4	97.0

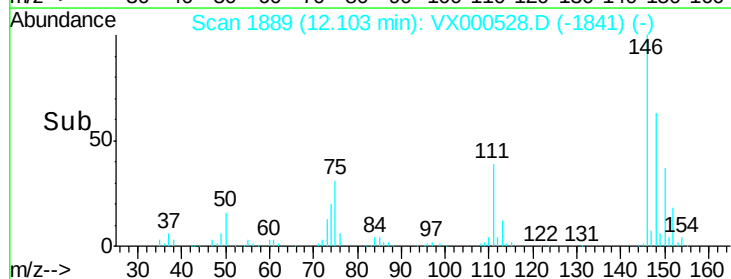
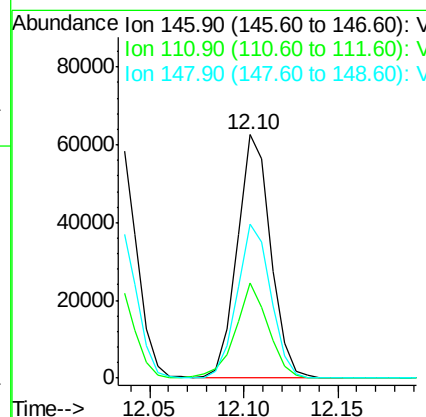
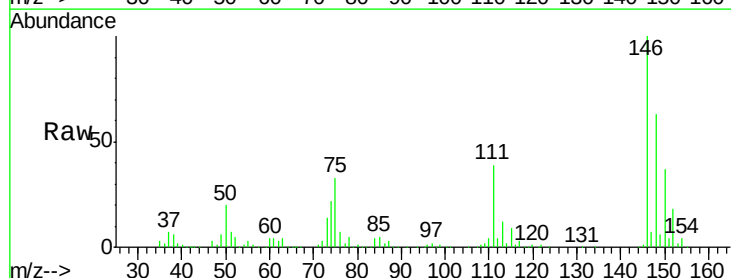
Manual Integrations
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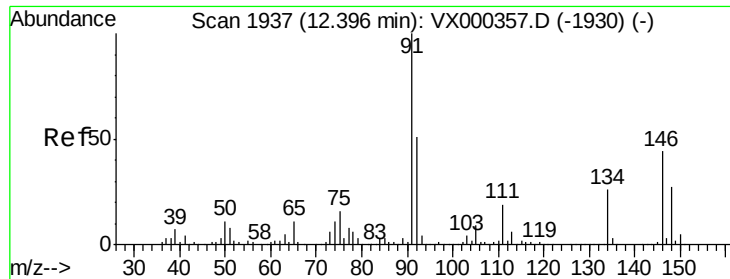
sam
 3/30/2018 4:11:00 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.32 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	63.7	31.0	93.0





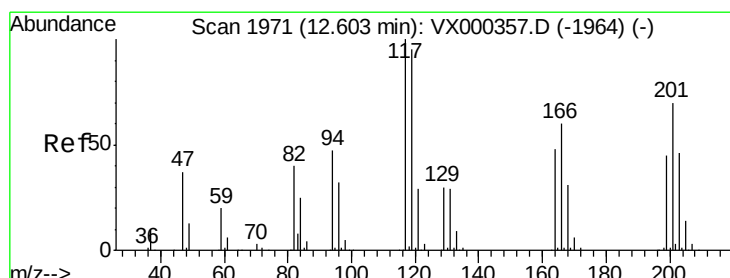
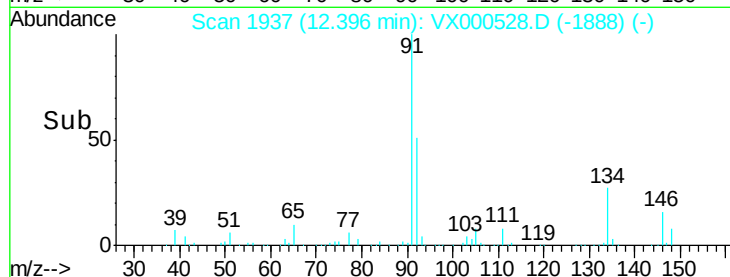
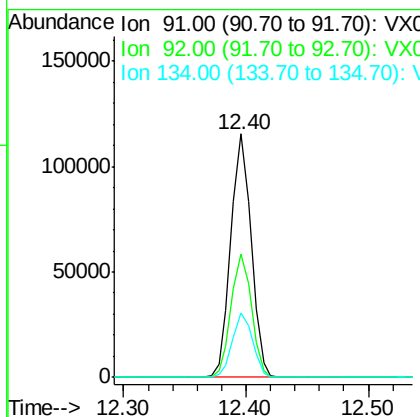
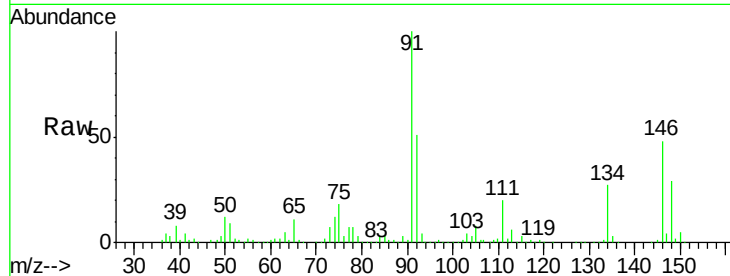
#89
n-Butylbenzene
Concen: 19.27 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Instrument :
MSVOA_X
ClientSampleId :
VX0329MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	25.9	77.8
134	26.1	13.1	39.3

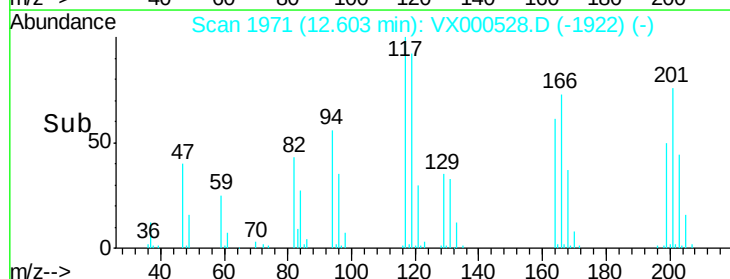
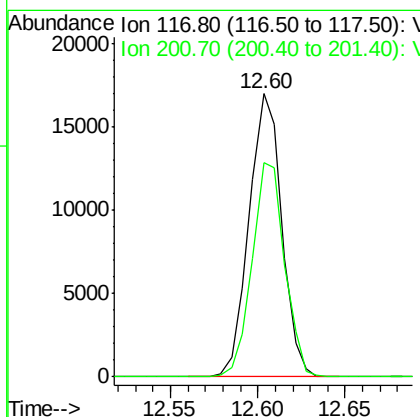
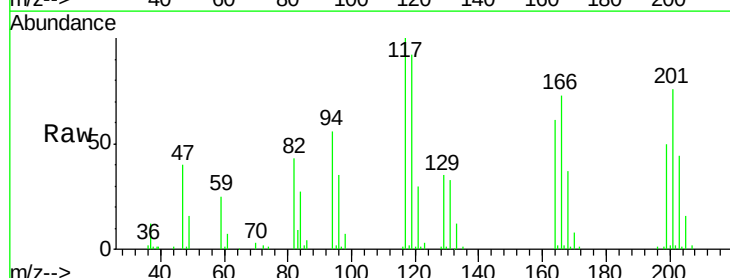
Manual Integrations
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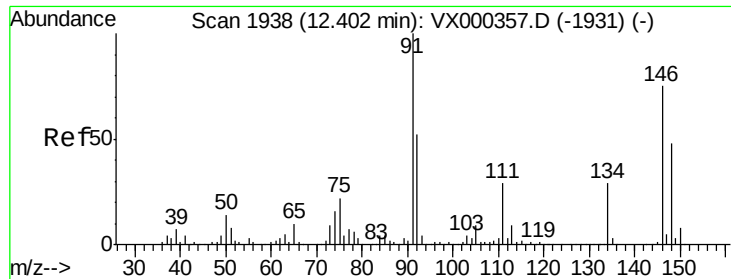
sam
3/30/2018 4:11:00 PM



#90
Hexachloroethane
Concen: 19.01 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000528.D
Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.4	37.9	113.6





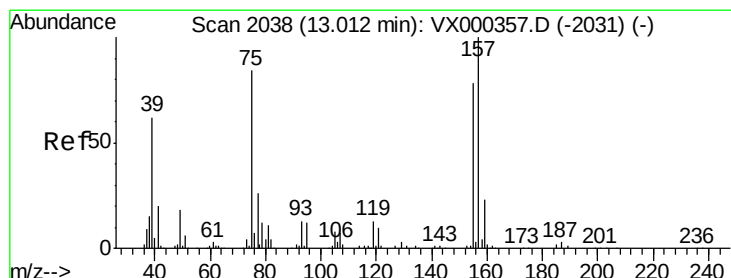
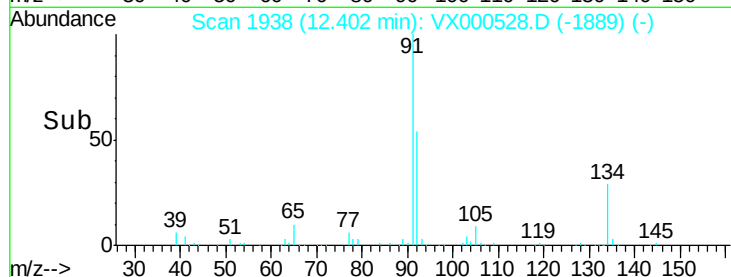
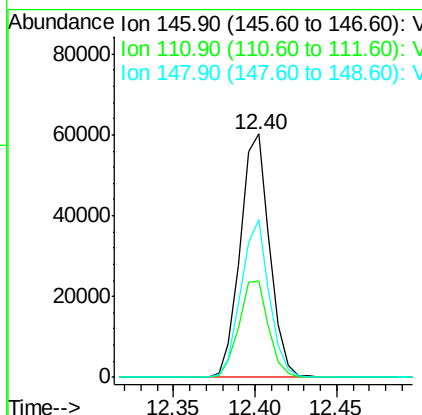
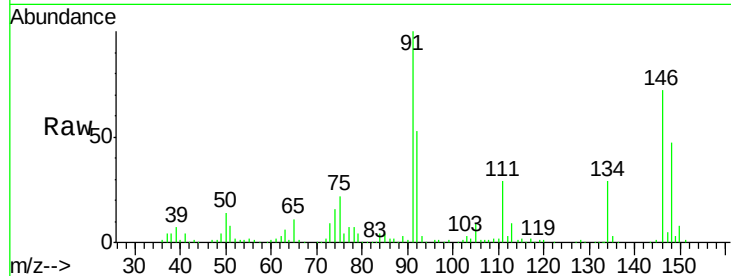
#91
 1,2-Dichlorobenzene
 Concen: 19.28 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Instrument :
 MSVOA_X
 ClientSampled :
 VX0329MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.1	60.2
148	62.4	31.2	93.6

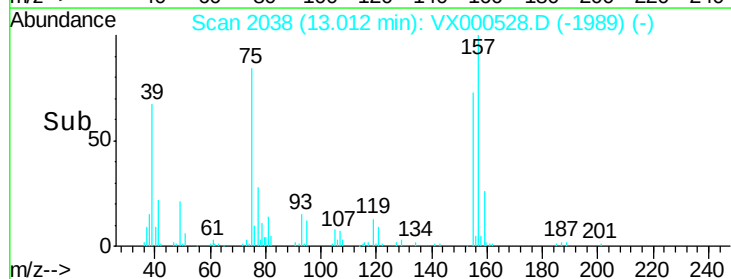
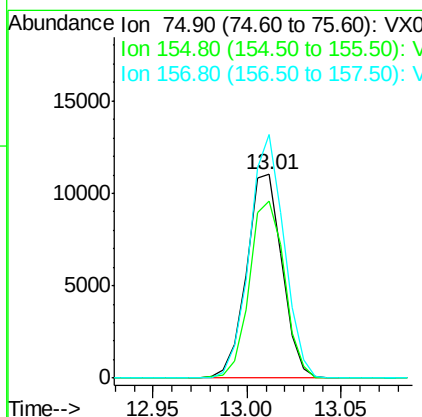
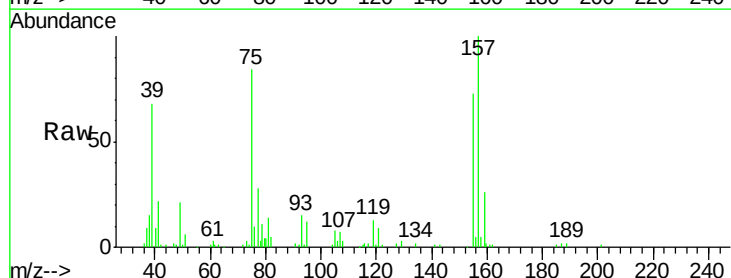
Manual Integrations
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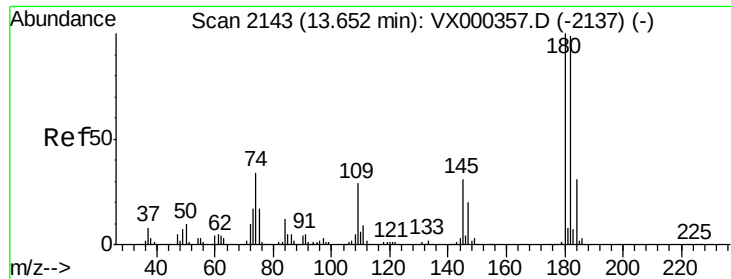
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.41 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.5	45.0	134.8
157	116.2	58.1	174.2





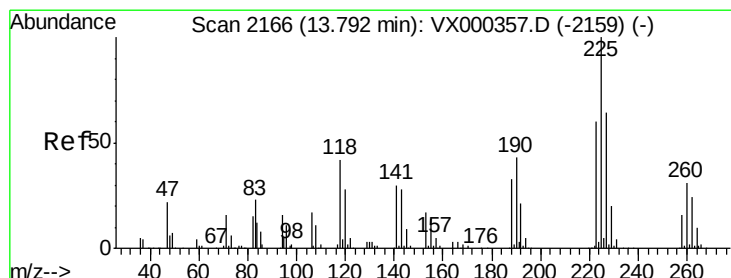
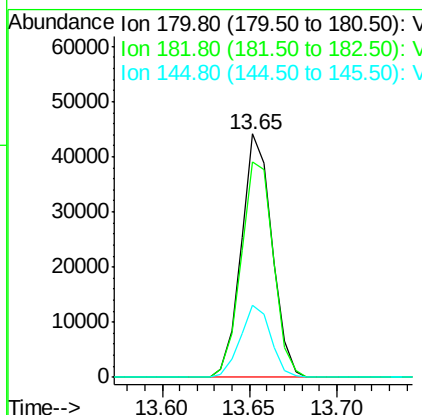
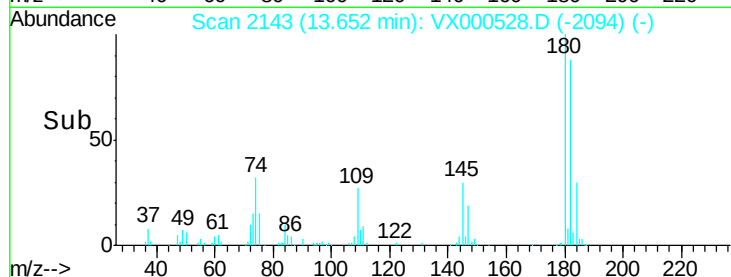
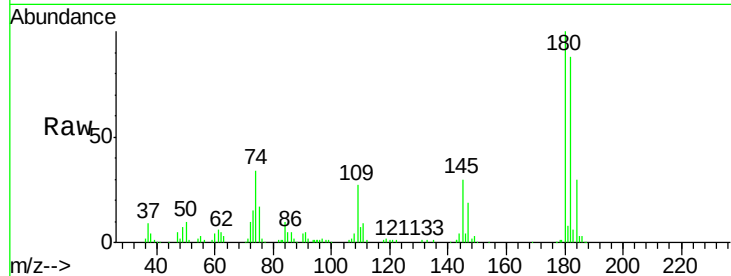
#93
 1,2,4-Trichlorobenzene
 Concen: 19.09 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329MBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.6	142.9
145	29.7	15.1	45.3

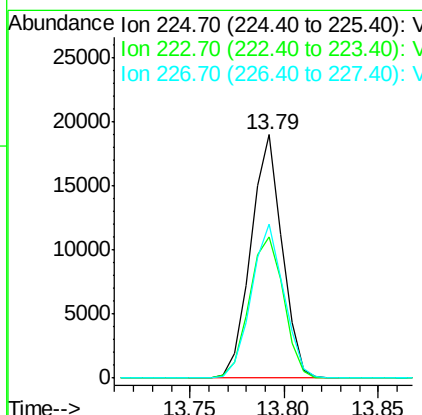
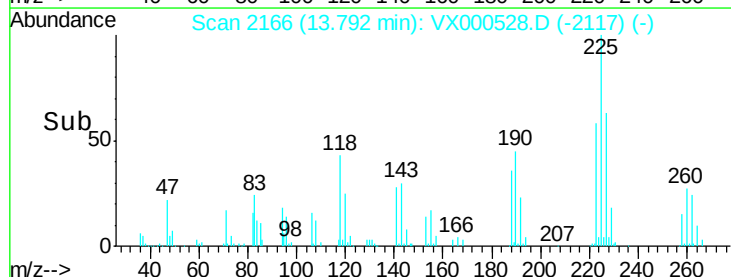
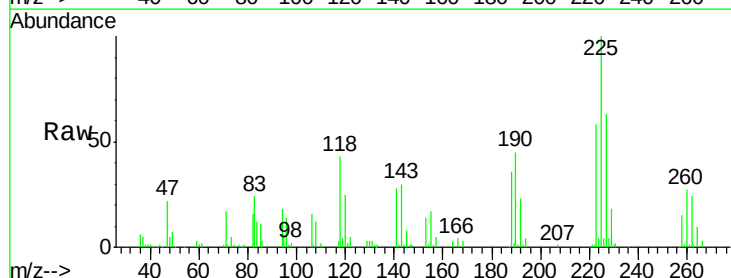
Manual Integrations
 APPROVED

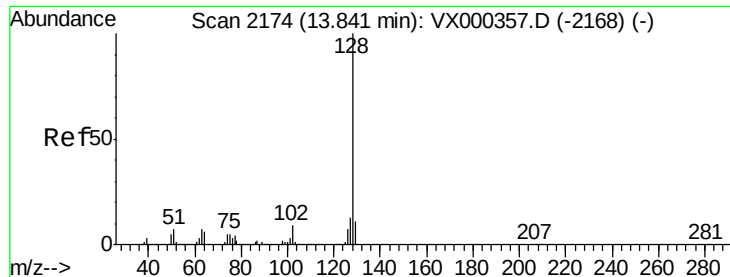
sam
 3/30/2018 4:11:00 PM



#94
 Hexachlorobutadiene
 Concen: 18.85 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000528.D
 Acq: 29 Mar 2018 21:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.0	96.0
227	65.5	32.6	98.0





#95

Naphthalene

Concen: 19.42 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Instrument :

MSVOA_X

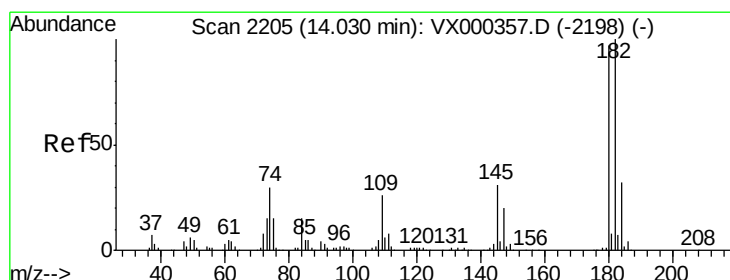
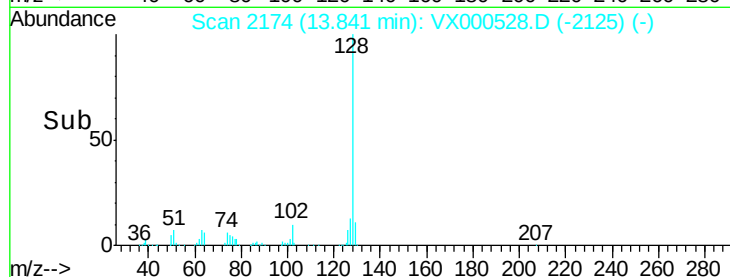
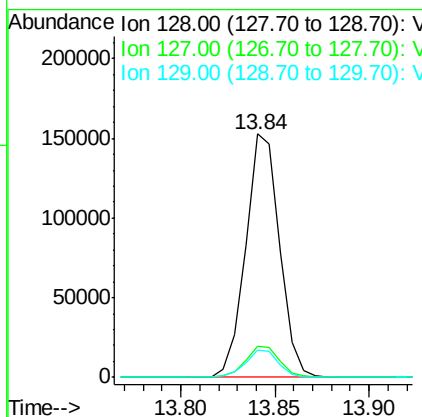
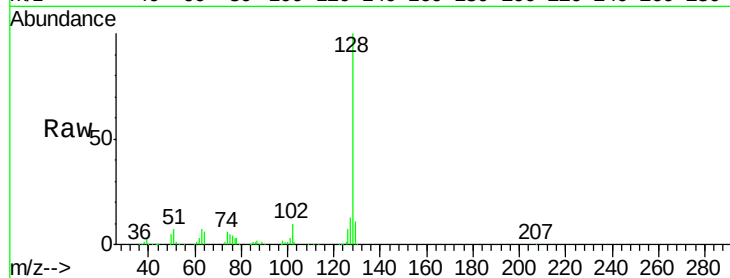
ClientSampleId :

VX0329MBS01

Tot Ion:	128	Resp:	190097
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	11.0	8.9	13.3

Manual Integrations
APPROVED

sam
3/30/2018 4:11:00 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.49 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000528.D

Acq: 29 Mar 2018 21:56

Tgt Ion:	180	Resp:	54108
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.4	142.3
145	31.8	15.8	47.3

