

Data File : VX004726.D
Acq On : 26 Sep 2018 13:47
Operator : JC/MD
Sample : VSTDIC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

apatel
10/3/2018 8:26:45 AM

Quant Time: Oct 04 04:08:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 03:47:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243861	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	586606	134.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	268.68%	
35) Dibromofluoromethane	5.50	113	488502	152.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.16%	
50) Toluene-d8	8.72	98	1631739	153.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.60%	
62) 4-Bromofluorobenzene	11.14	95	658600	171.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	343.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	651332	156.275	ug/l	99
3) Chloromethane	1.32	50	758174	149.937	ug/l	96
4) Vinyl Chloride	1.40	62	718715	151.543	ug/l	97
5) Bromomethane	1.64	94	384442	136.699	ug/l	95
7) Trichlorofluoromethane	1.91	101	800209	136.291	ug/l	95
8) Diethyl Ether	2.19	74	361915	141.890	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	476784	142.559	ug/l	97
10) Methyl Iodide	2.50	142	655704	146.512	ug/l	94
11) Tert butyl alcohol	3.11	59	934164	765.107	ug/l	97
12) 1,1-Dichloroethene	2.36	96	449519	135.717	ug/l	91
13) Acrolein	2.29	56	616343	709.495	ug/l	99
14) Allyl chloride	2.72	41	1007434	139.402	ug/l	98
15) Acrylonitrile	3.16	53	1826714	679.633	ug/l	94
16) Acetone	2.46	43	1587510	622.714	ug/l	90
17) Carbon Disulfide	2.56	76	1490941	149.804	ug/l #	94
18) Methyl Acetate	2.78	43	837367	129.643	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	1725918	151.068	ug/l	95
20) Methylene Chloride	2.85	84	563241	153.696	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	490402	135.255	ug/l #	83
22) Diisopropyl ether	3.88	45	1798310	147.774	ug/l	96
23) Vinyl Acetate	3.82	43	8318400	746.759	ug/l	99
24) 1,1-Dichloroethane	3.68	63	1017971	140.232	ug/l	99
25) 2-Butanone	4.72	43	2713796	722.176	ug/l	91
26) 2,2-Dichloropropane	4.57	77	763466	151.033	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	569680	140.646	ug/l	89
28) Bromochloromethane	5.02	49	469761	137.420	ug/l	99
29) Tetrahydrofuran	5.17	42	1715270	734.400	ug/l	97
30) Chloroform	5.22	83	903085	131.633	ug/l	97
31) Cyclohexane	5.57	56	891647	160.485	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	808324	144.268	ug/l	95
36) 1,1-Dichloropropene	5.80	75	713388	163.310	ug/l	93
37) Ethyl Acetate	4.87	43	923933	159.340	ug/l	96
38) Carbon Tetrachloride	5.78	117	682834	148.705	ug/l #	88
39) Methylcyclohexane	7.46	83	783511	175.655	ug/l #	82

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Quant Time: Oct 04 04:08:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 03:47:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	2221371	162.431	ug/l #	89
41) Methacrylonitrile	5.07	41	545999	169.791	ug/l	99
42) 1,2-Dichloroethane	6.20	62	739673	152.998	ug/l	99
43) Isopropyl Acetate	6.46	43	1497987	178.987	ug/l	97
44) Trichloroethene	7.21	130	506909	150.779	ug/l	97
45) 1,2-Dichloropropane	7.52	63	511256	152.444	ug/l	99
46) Dibromomethane	7.66	93	326867	155.083	ug/l	100
47) Bromodichloromethane	7.90	83	641908	162.667	ug/l	99
48) Methyl methacrylate	7.78	41	678505	178.616	ug/l	100
49) 1,4-Dioxane	7.76	88	310868	3294.006	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	4643216	881.123	ug/l	98
52) Toluene	8.79	92	1187531	158.029	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	767159	172.035	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	803100	171.941	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	494995	150.379	ug/l	96
56) Ethyl methacrylate	9.18	69	855481	153.853	ug/l	97
57) 1,3-Dichloropropane	9.37	76	827915	151.124	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	2247096	761.390	ug/l	99
59) 2-Hexanone	9.51	43	3833978	873.084	ug/l	96
60) Dibromochloromethane	9.59	129	541011	164.346	ug/l	99
61) 1,2-Dibromoethane	9.68	107	526689	149.407	ug/l	96
64) Tetrachloroethene	9.34	164	478526	134.289	ug/l	96
65) Chlorobenzene	10.14	112	1358967	146.376	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	500087	153.218	ug/l	99
67) Ethyl Benzene	10.26	91	2349057	159.370	ug/l	96
68) m/p-Xylenes	10.36	106	1830135	317.741	ug/l	97
69) o-Xylene	10.70	106	896678	169.492	ug/l	99
70) Styrene	10.71	104	1543756	151.481	ug/l	100
71) Bromoform	10.86	173	499545	178.773	ug/l	97
73) Isopropylbenzene	11.02	105	2365949	153.924	ug/l	99
74) N-amyl acetate	10.90	43	1310336	151.423	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	922151	147.379	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	713660m	130.568	ug/l	
77) Bromobenzene	11.26	156	662068	148.293	ug/l	99
78) n-propylbenzene	11.37	91	2811881	159.437	ug/l	99
79) 2-Chlorotoluene	11.43	91	1700509	154.690	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	2092745	148.939	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	314784	152.817	ug/l	94
82) 4-Chlorotoluene	11.51	91	2022225	156.286	ug/l	100
83) tert-Butylbenzene	11.77	119	2075784	164.024	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	2156172	148.800	ug/l	100
85) sec-Butylbenzene	11.95	105	2443969	158.548	ug/l	100
86) p-Isopropyltoluene	12.07	119	2235098	160.042	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1253741	150.388	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1276902	148.375	ug/l	100
89) n-Butylbenzene	12.39	91	2098868	165.480	ug/l	98
90) Hexachloroethane	12.60	117	381609	164.114	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	1286901	147.713	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	214097	155.839	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	986952	161.492	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Quantitation Report (QT Reviewed)

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 03:47:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	460162	145.202	ug/l	99
95) Naphthalene	13.83	128	3055165	149.169	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	986226	156.216	ug/l	99

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

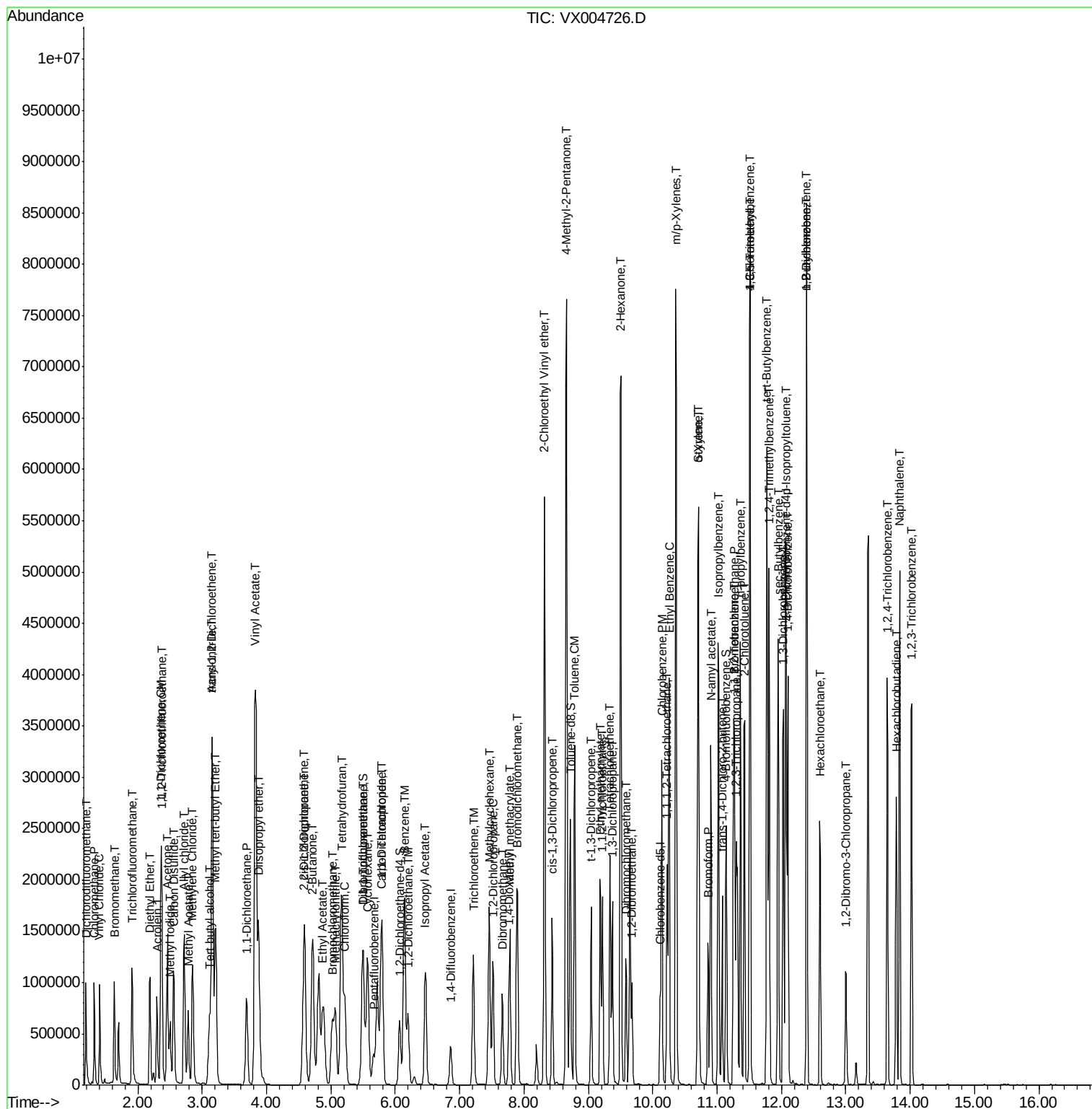
Data File : VX004726.D
Acq On : 26 Sep 2018 13:47
Operator : JC/MD
Sample : VSTDIC150
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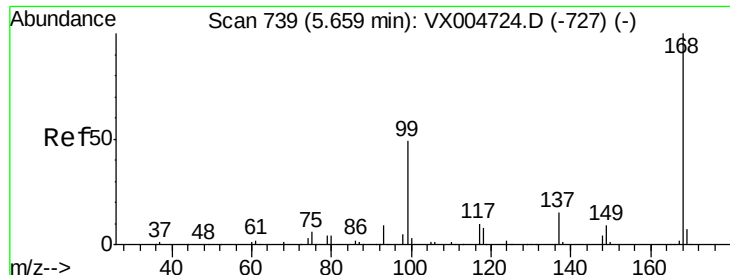
Instrument :
MSVOA_X
ClientSampleID :
VSTDIC150

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:168 Resp: 305681

Ion Ratio Lower Upper

168 100

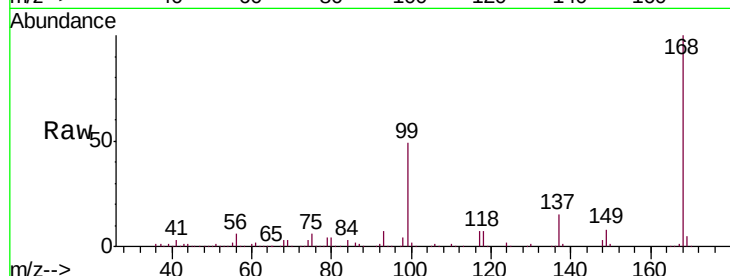
99 48.7 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

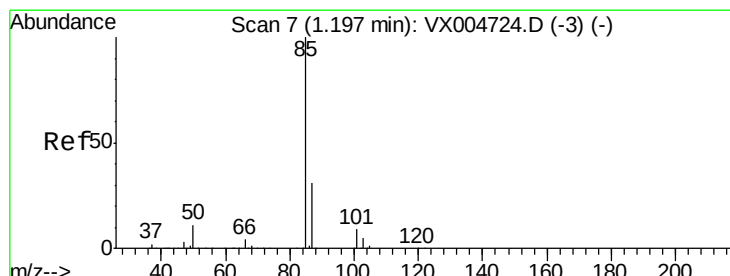
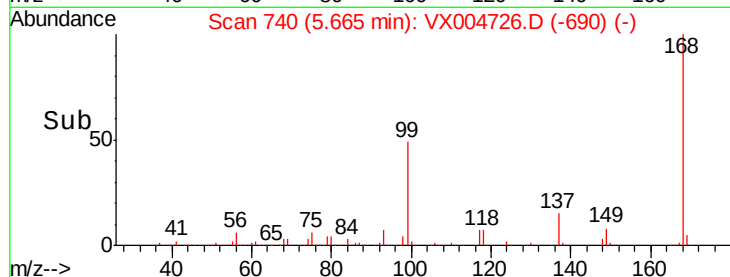
50000

0

5.50 5.60 5.70 5.80

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 156.275 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX004726.D

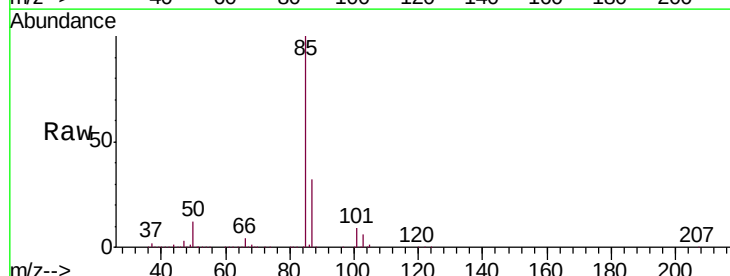
Acq: 26 Sep 2018 13:47

Tgt Ion: 85 Resp: 651332

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

600000

500000

400000

300000

200000

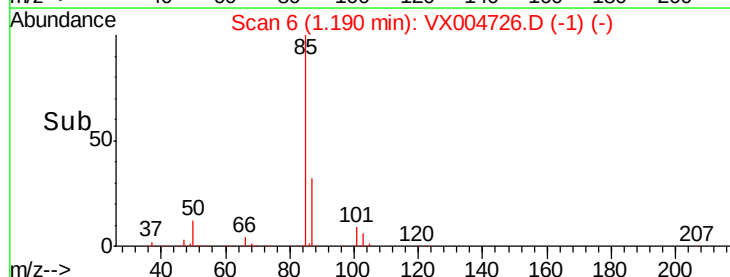
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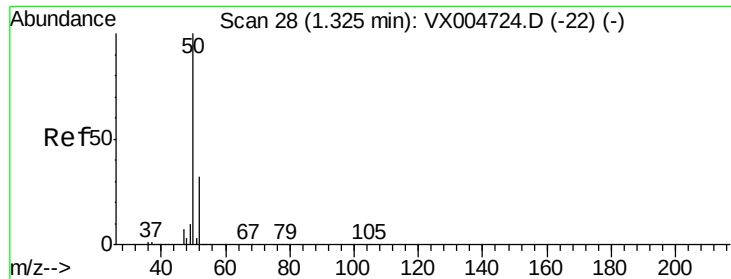
0

1.10 1.20 1.30 1.40

1.19

Time-->





#3

Chloromethane

Concen: 149.937 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 50 Resp: 758174

Ion Ratio Lower Upper

50 100

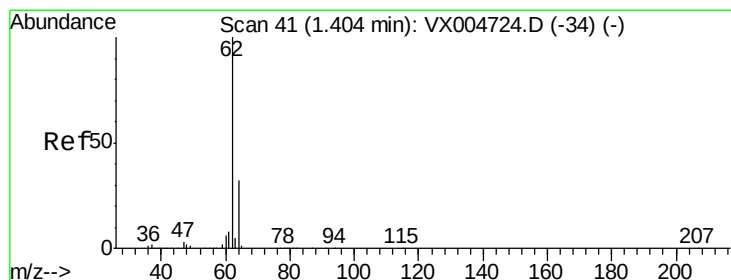
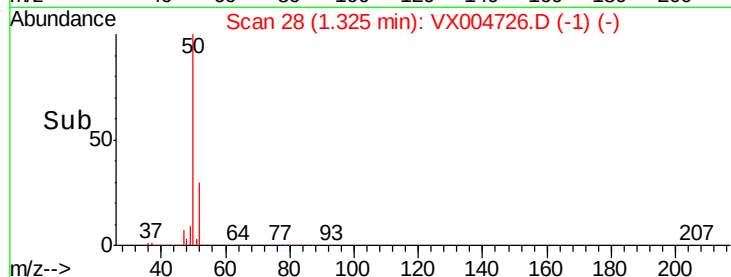
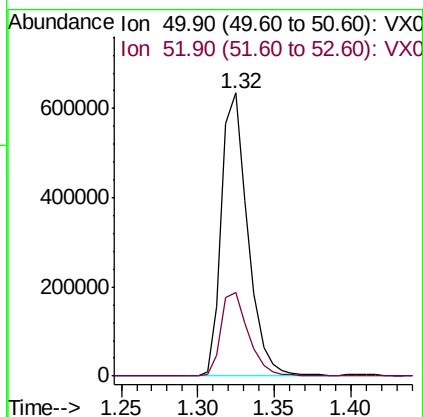
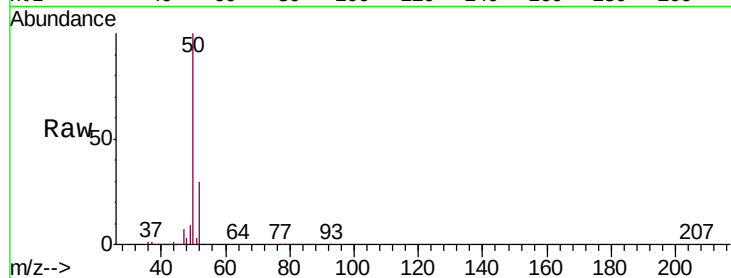
52 29.7 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 151.543 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004726.D

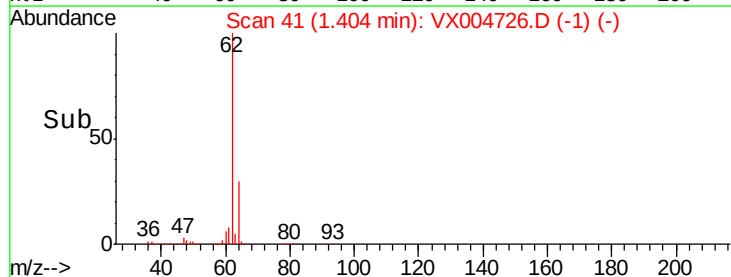
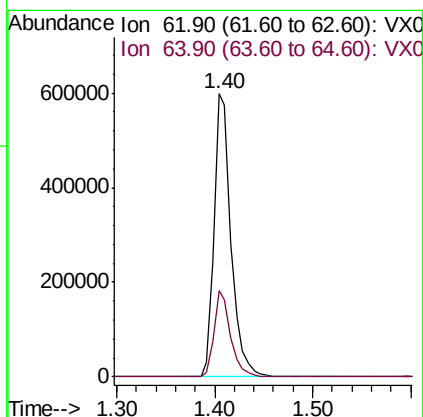
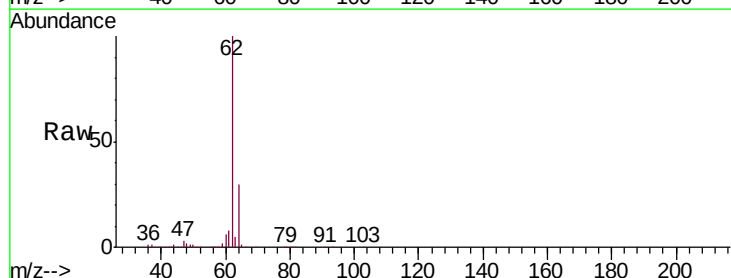
Acq: 26 Sep 2018 13:47

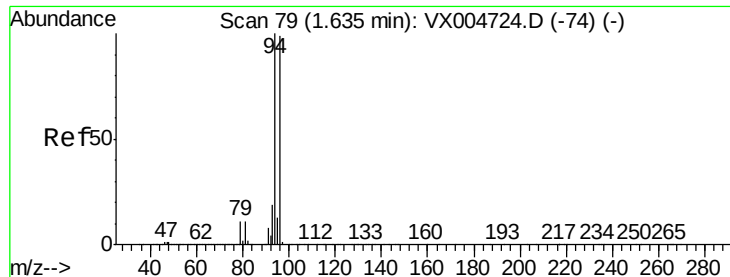
Tgt Ion: 62 Resp: 718715

Ion Ratio Lower Upper

62 100

64 30.4 25.5 38.3





#5

Bromomethane

Concen: 136.699 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 94 Resp: 384442

Ion Ratio Lower Upper

94 100

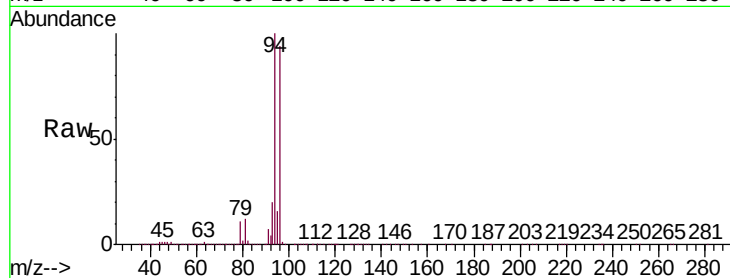
96 94.0 79.5 119.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX004726.D (-74) (-)

Ion 95.90 (95.60 to 96.60): VX004726.D (-74) (-)

1.64

400000

300000

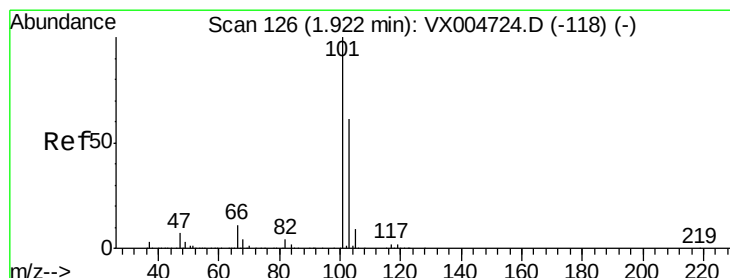
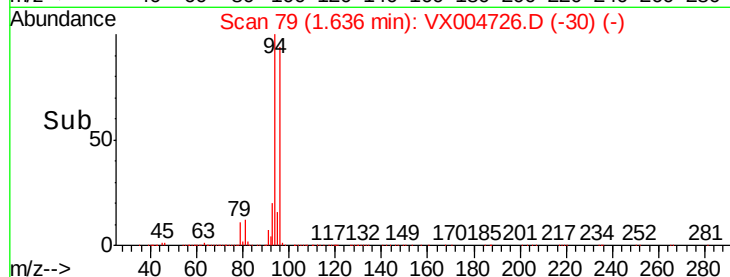
200000

100000

0

1.60 1.70

Time-->



#7

Trichlorofluoromethane

Concen: 136.291 ug/l

RT: 1.91 min Scan# 124

Delta R.T. -0.01 min

Lab File: VX004726.D

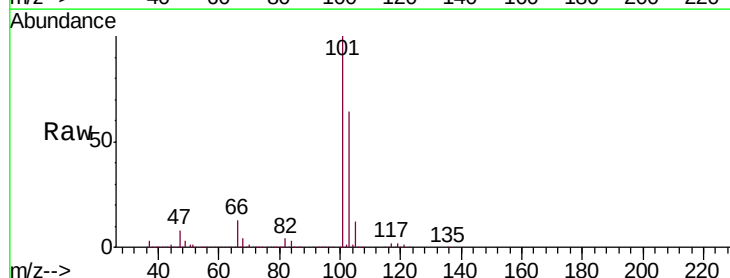
Acq: 26 Sep 2018 13:47

Tgt Ion: 101 Resp: 800209

Ion Ratio Lower Upper

101 100

103 64.2 48.4 72.6



Abundance Ion 100.90 (100.60 to 101.60): VX004726.D (-118) (-)

Ion 102.80 (102.50 to 103.50): VX004726.D (-118) (-)

1.91

600000

500000

400000

300000

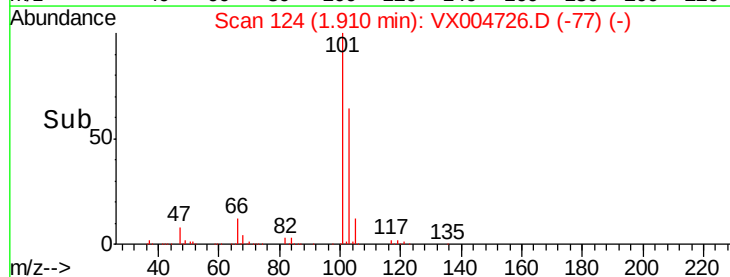
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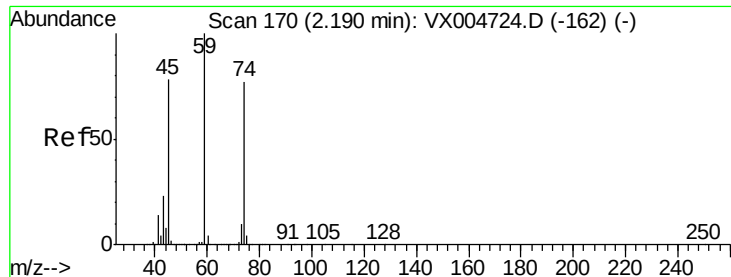
100000

0

1.80 1.90 2.00 2.10

Time-->





#8

Diethyl Ether

Concen: 141.890 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tgt Ion: 74 Resp: 361915

Ion Ratio Lower Upper

74 100

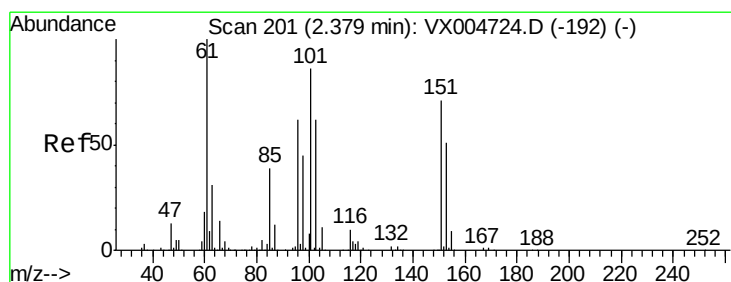
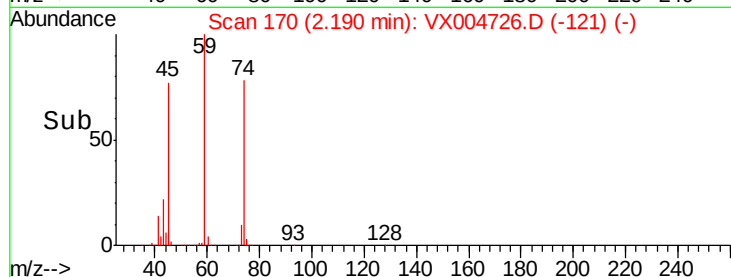
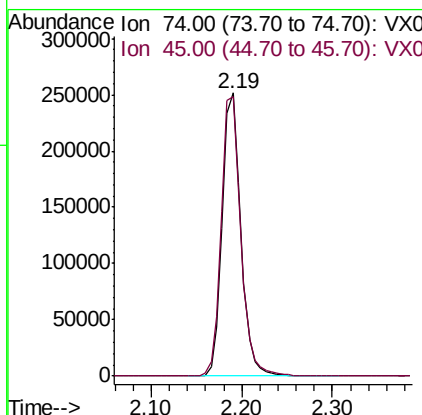
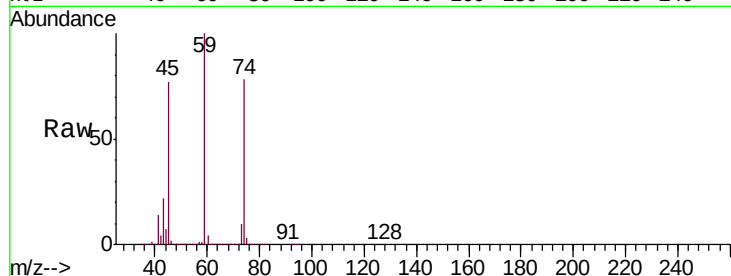
45 103.7 52.5 157.6

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 142.559 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004726.D

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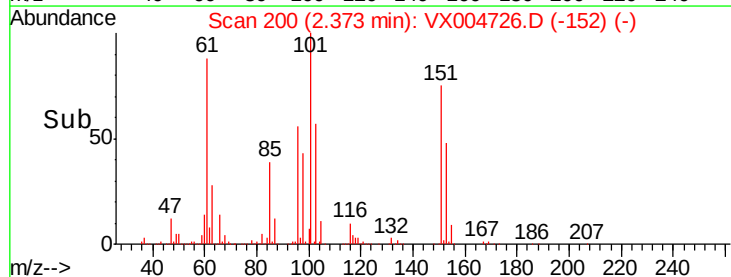
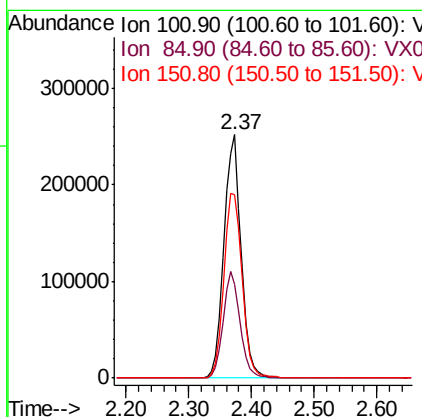
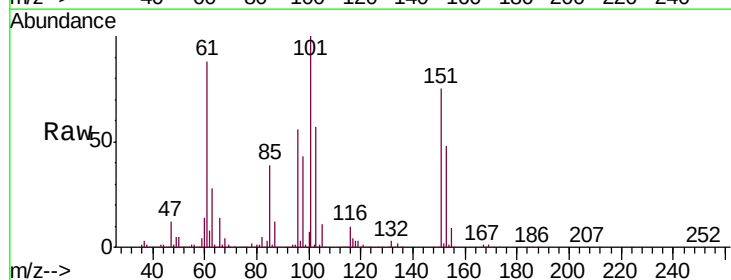
Tgt Ion: 101 Resp: 476784

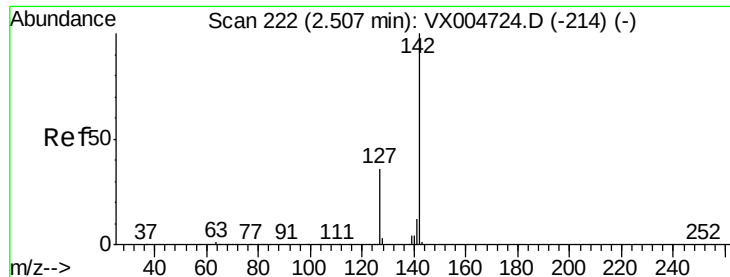
Ion Ratio Lower Upper

101 100

85 43.0 35.9 53.9

151 80.9 66.6 100.0





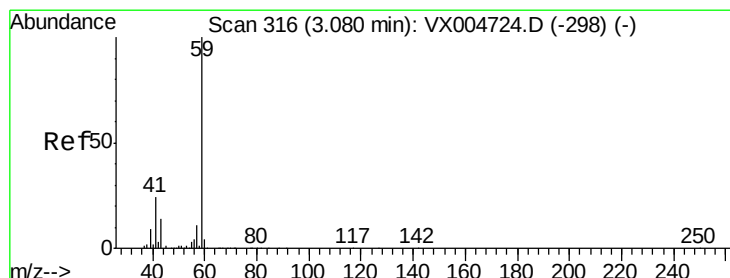
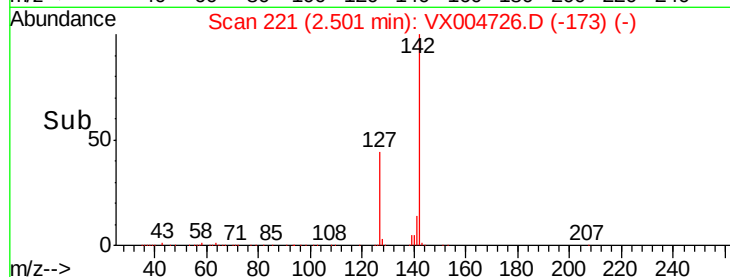
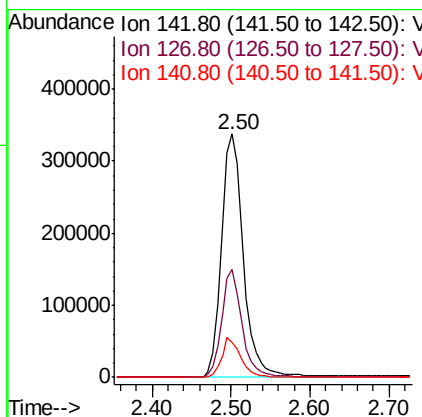
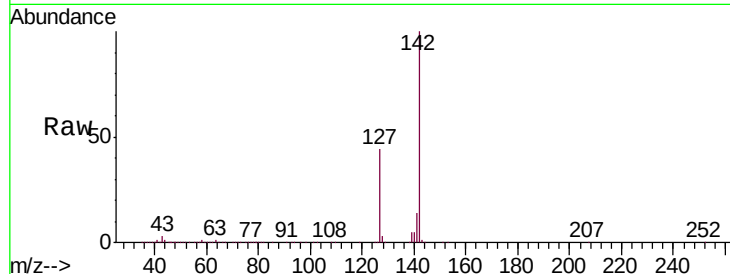
#10
Methyl Iodide
Concen: 146.512 ug/l
RT: 2.50 min Scan# 221
Delta R.T. -0.01 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.5	30.1	45.1
141	14.2	10.1	15.1

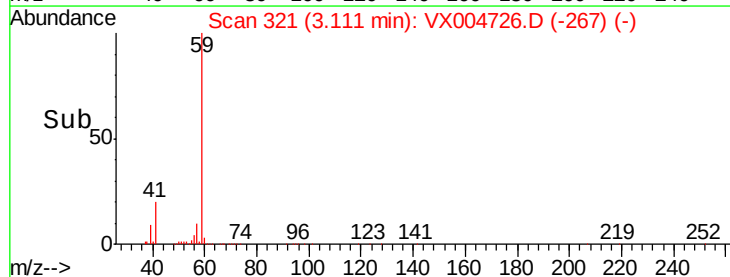
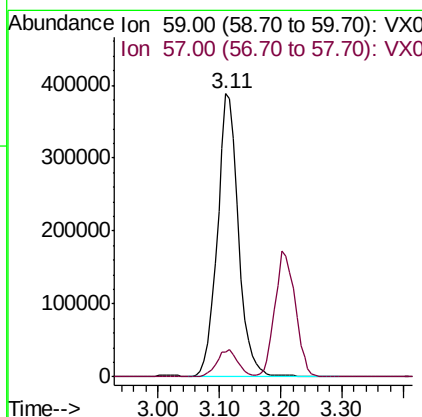
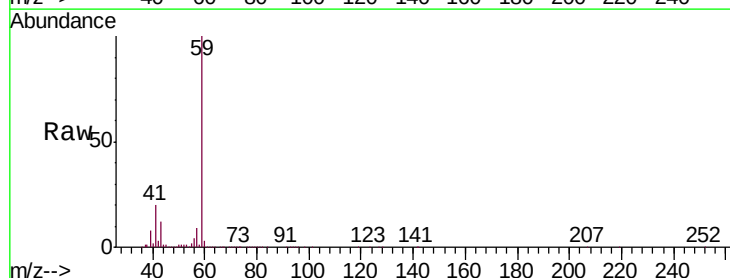
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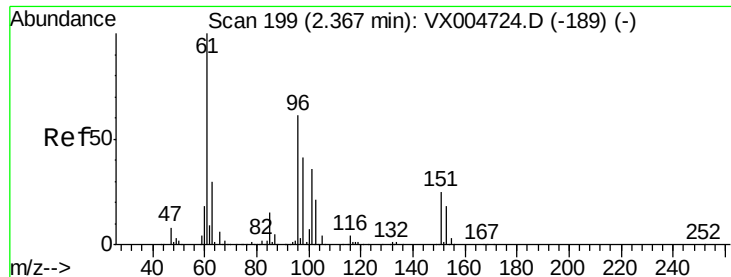
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#11
Tert butyl alcohol
Concen: 765.107 ug/l
RT: 3.11 min Scan# 321
Delta R.T. 0.03 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.6	12.8





#12

1,1-Dichloroethene

Concen: 135.717 ug/l

RT: 2.36 min Scan# 198

Delta R.T. -0.01 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Instrument :

MSVOA_X

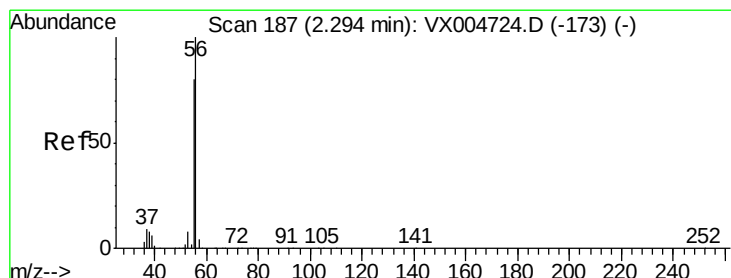
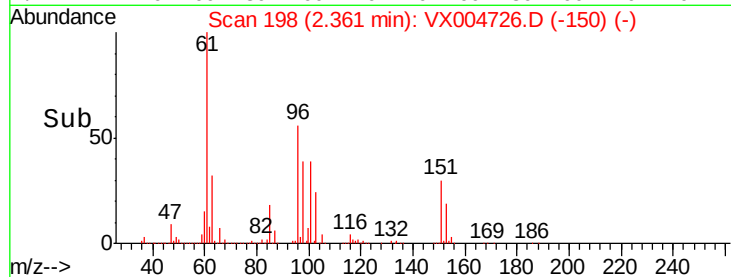
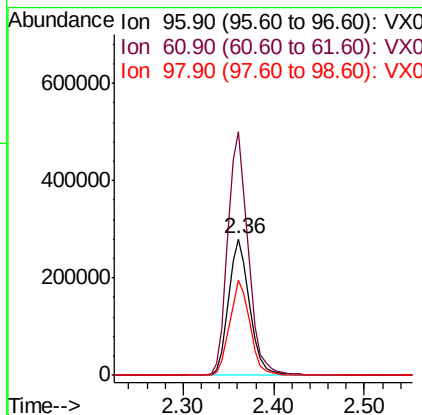
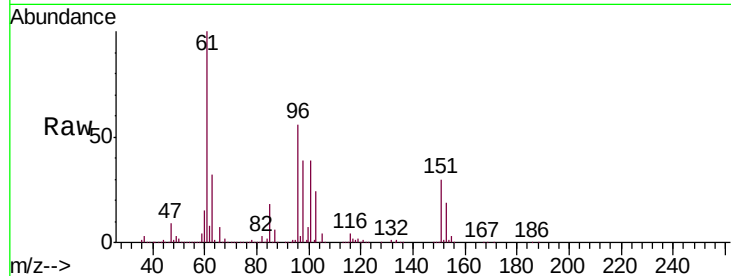
ClientSampleId :

VSTDIC150

Tgt Ion:	96	Resp:	449519
Ion	Ratio	Lower	Upper
96	100		
61	178.1	130.2	195.4
98	69.9	53.4	80.0

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#13

Acrolein

Concen: 709.495 ug/l

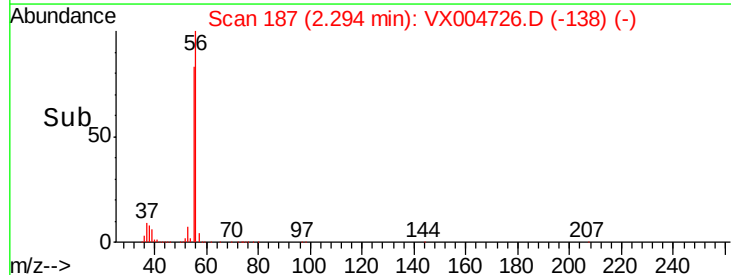
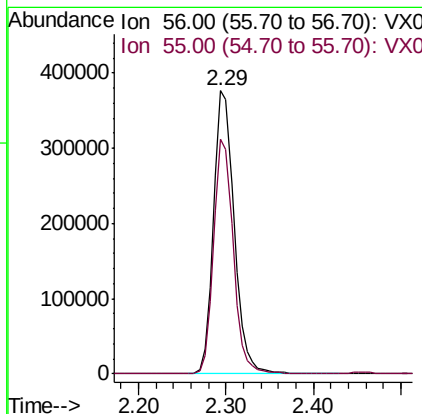
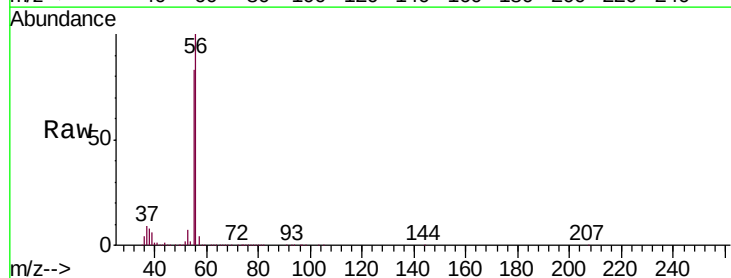
RT: 2.29 min Scan# 187

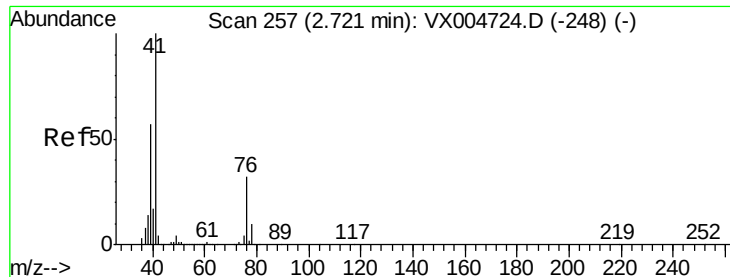
Delta R.T. 0.00 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Tgt Ion:	56	Resp:	616343
Ion	Ratio	Lower	Upper
56	100		
55	78.7	63.4	95.2





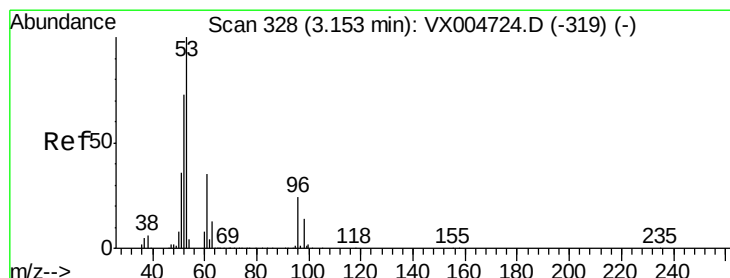
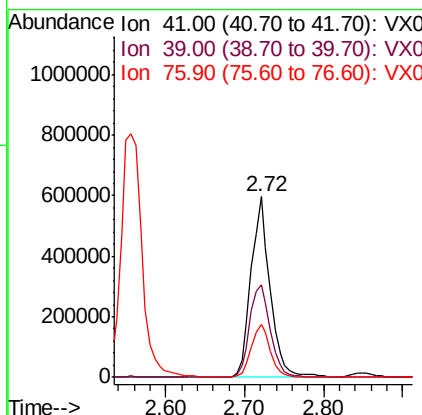
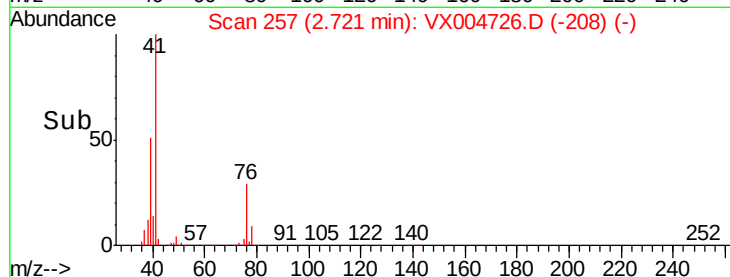
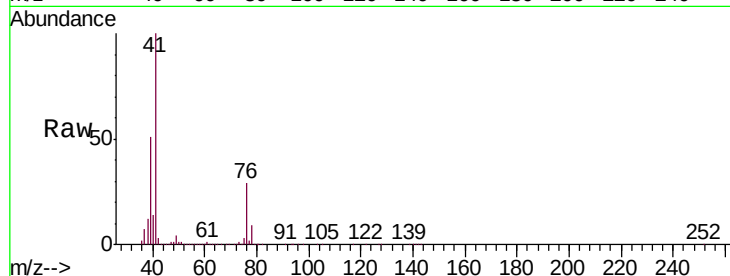
#14
 Allyl chloride
 Concen: 139.402 ug/l
 RT: 2.72 min Scan# 257
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tgt Ion: 41 Resp: 1007434
 Ion Ratio Lower Upper
 41 100
 39 55.7 44.1 66.1
 76 29.3 25.0 37.4

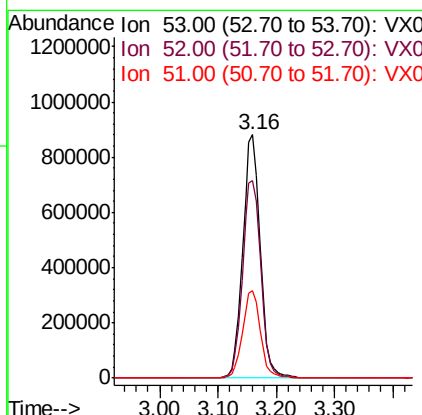
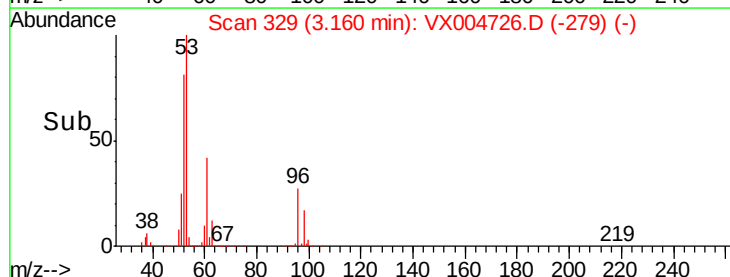
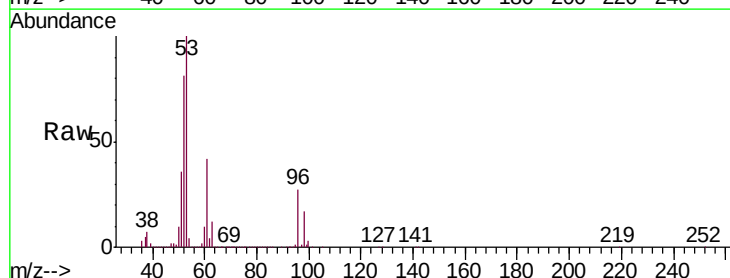
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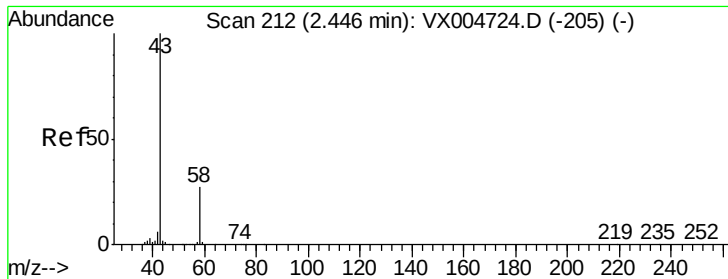
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#15
 Acrylonitrile
 Concen: 679.633 ug/l
 RT: 3.16 min Scan# 329
 Delta R.T. 0.01 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Tgt Ion: 53 Resp: 1826714
 Ion Ratio Lower Upper
 53 100
 52 84.9 63.0 94.4
 51 37.0 28.6 42.8





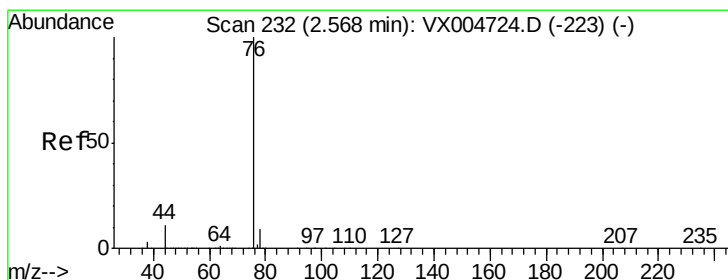
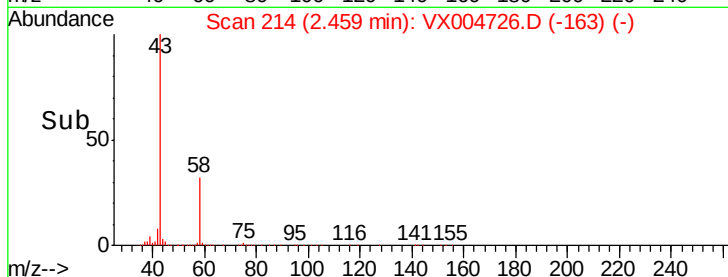
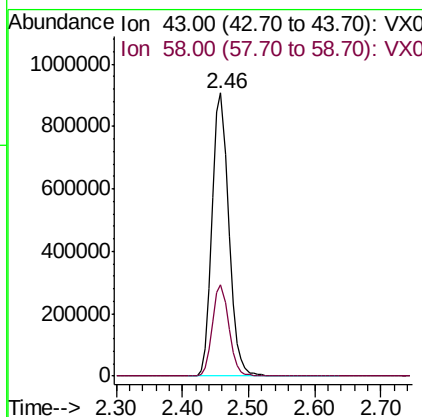
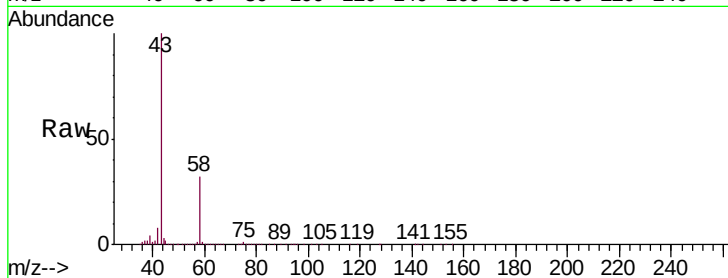
#16
Acetone
Concen: 622.714 ug/l
RT: 2.46 min Scan# 214
Delta R.T. 0.01 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1587510
Ion Ratio Lower Upper
43 100
58 32.5 21.8 32.6

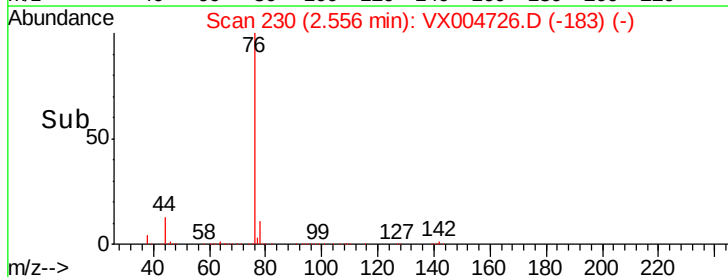
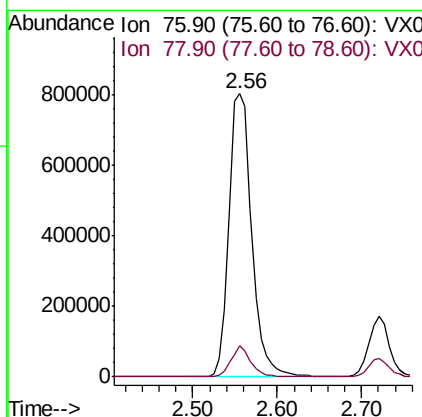
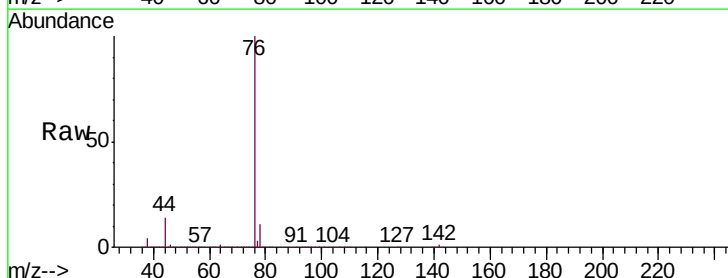
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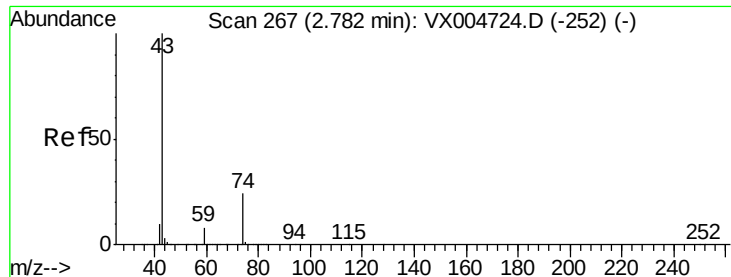
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#17
Carbon Disulfide
Concen: 149.804 ug/l
RT: 2.56 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion: 76 Resp: 1490941
Ion Ratio Lower Upper
76 100
78 11.0 7.0 10.6#





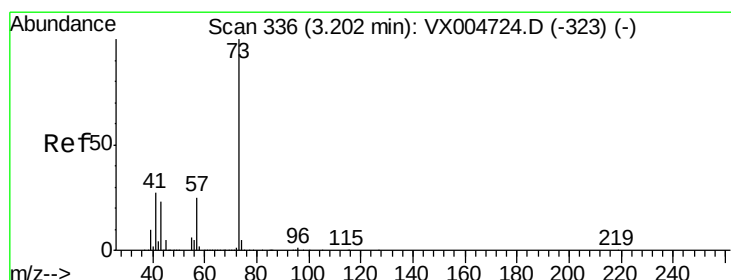
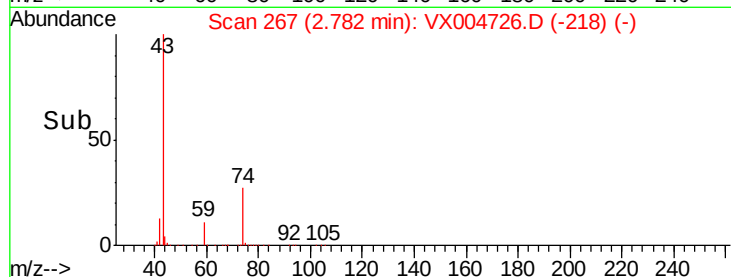
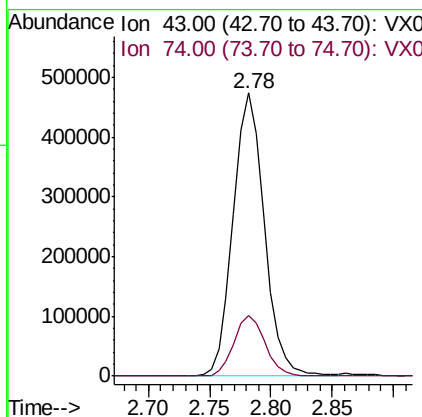
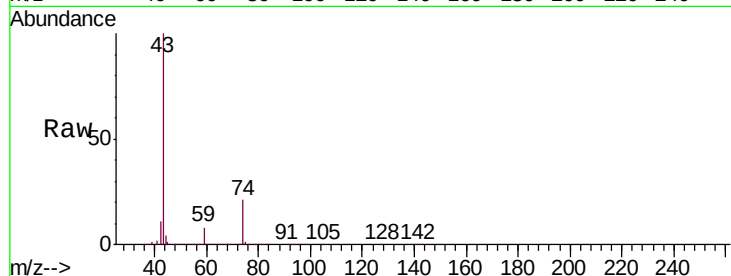
#18
Methyl Acetate
Concen: 129.643 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 837367
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.8

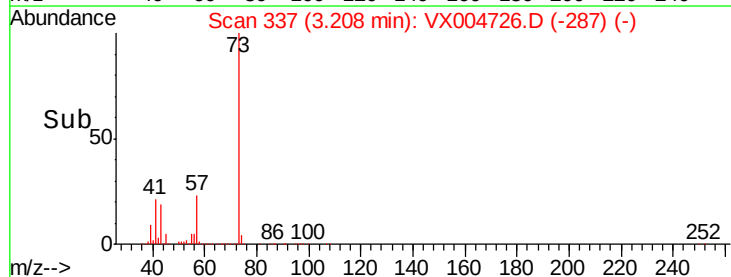
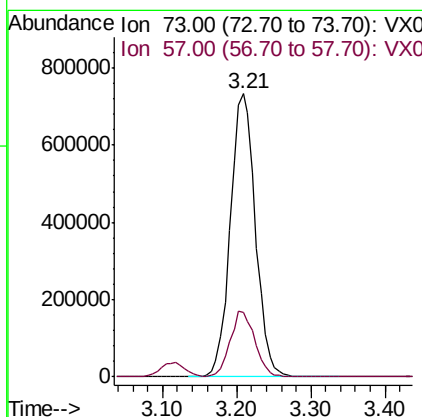
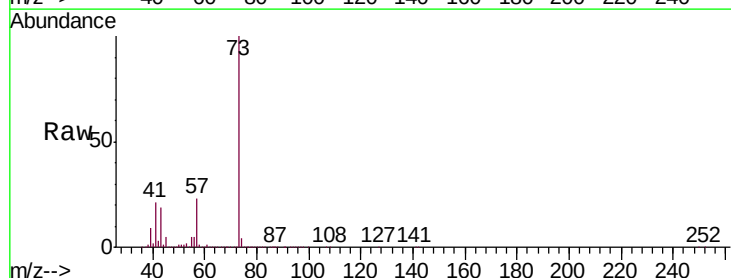
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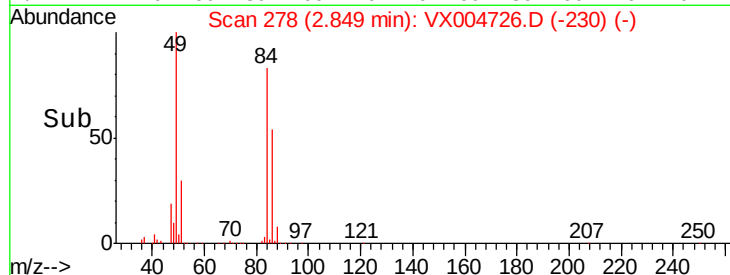
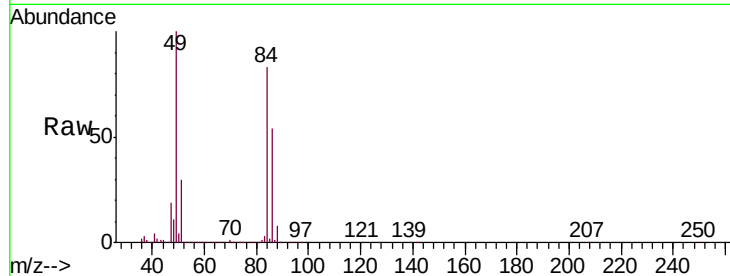
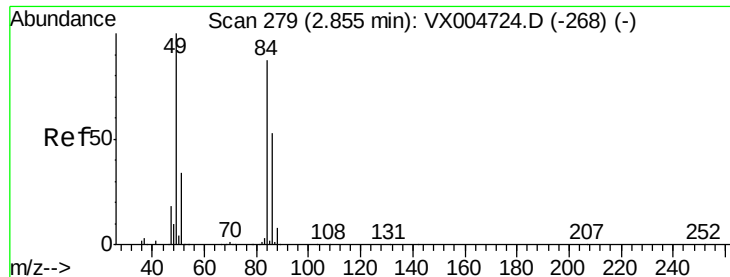
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#19
Methyl tert-butyl Ether
Concen: 151.068 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

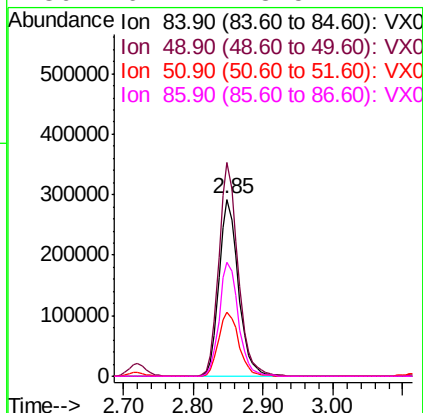
Tgt Ion: 73 Resp: 1725918
Ion Ratio Lower Upper
73 100
57 22.6 19.9 29.9





#20
Methylene Chloride
Concen: 153.696 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

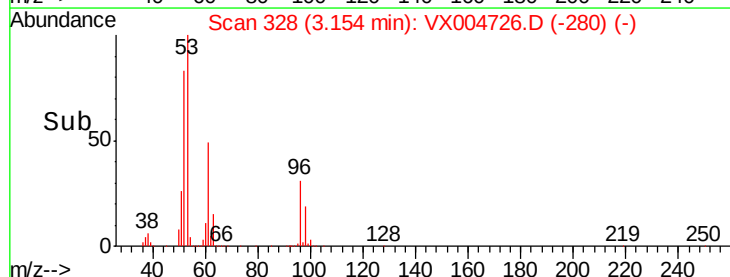
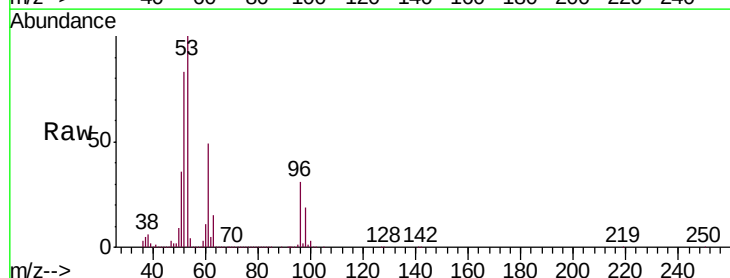
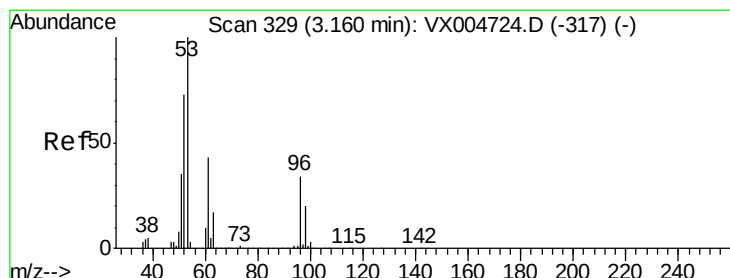
Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.8	92.3	138.5
51	36.2	31.8	47.6
86	64.7	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

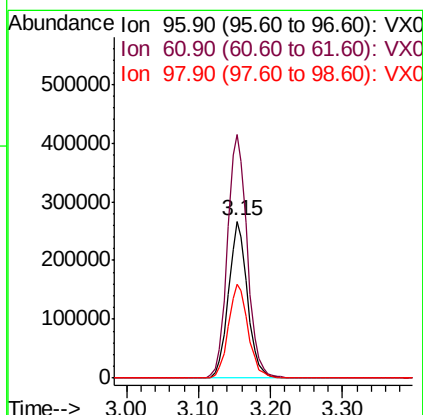
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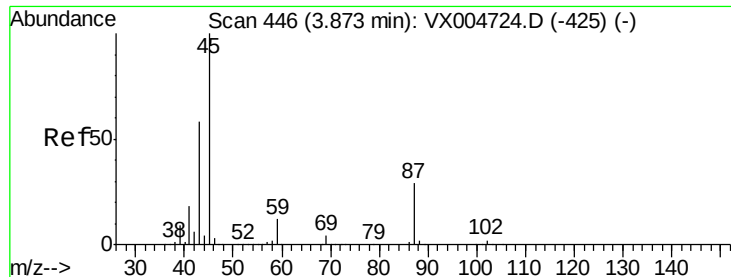
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#21
trans-1,2-Dichloroethene
Concen: 135.255 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.01 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.0	101.0	151.6#
98	59.5	47.2	70.8





#22

Diisopropyl ether
 Concen: 147.774 ug/l
 RT: 3.88 min Scan# 447
 Delta R.T. 0.01 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

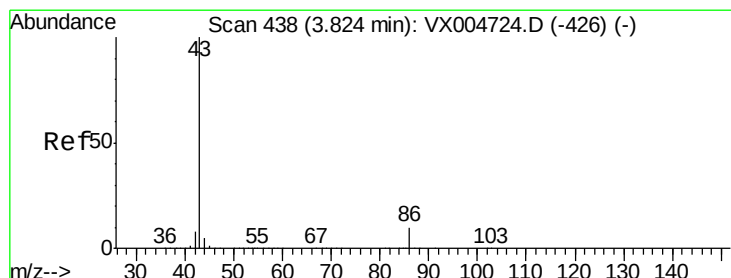
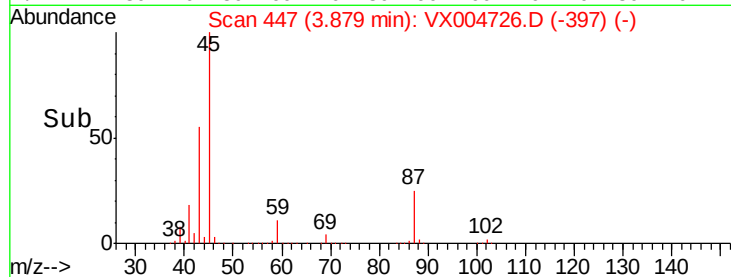
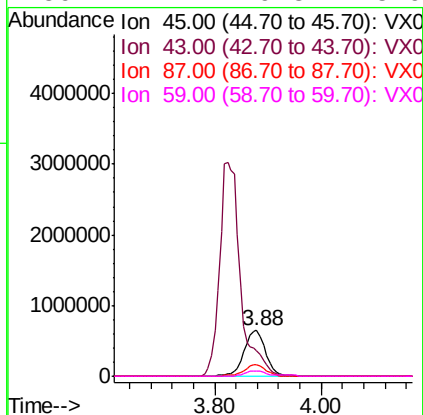
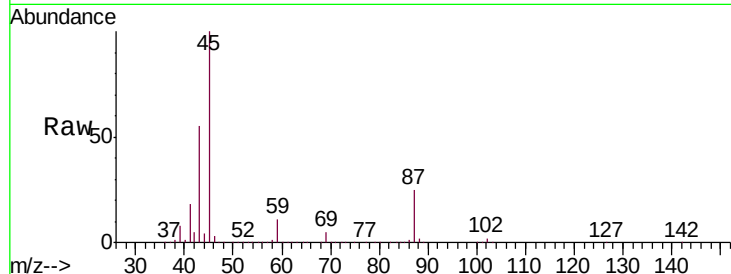
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 45 Resp: 1798310

Ion	Ratio	Lower	Upper
45	100		
43	55.3	46.7	70.1
87	25.2	22.9	34.3
59	11.1	9.3	13.9

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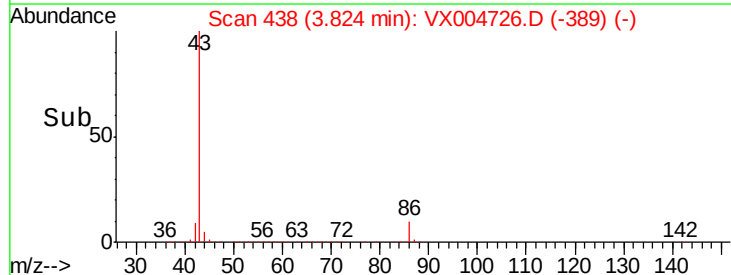
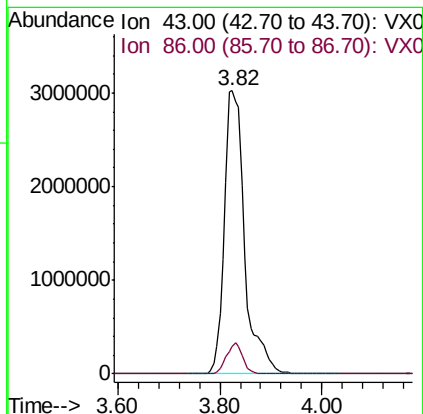
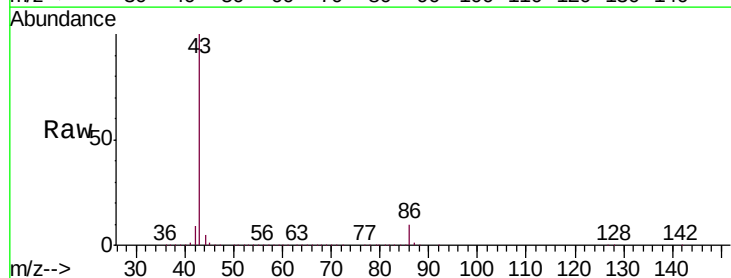


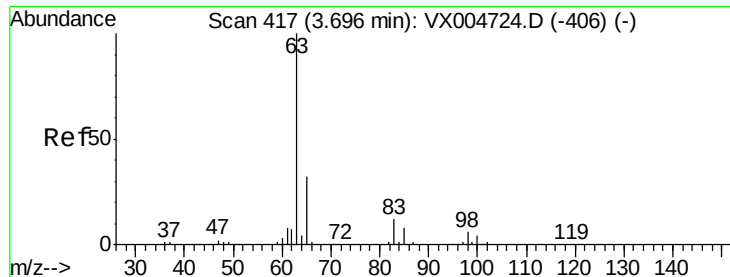
#23

Vinyl Acetate
 Concen: 746.759 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Tgt Ion: 43 Resp: 8318400

Ion	Ratio	Lower	Upper
43	100		
86	9.7	8.1	12.1





#24

1,1-Dichloroethane

Concen: 140.232 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Instrument :

MSVOA_X

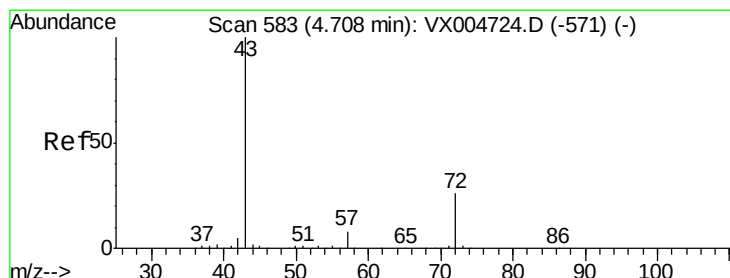
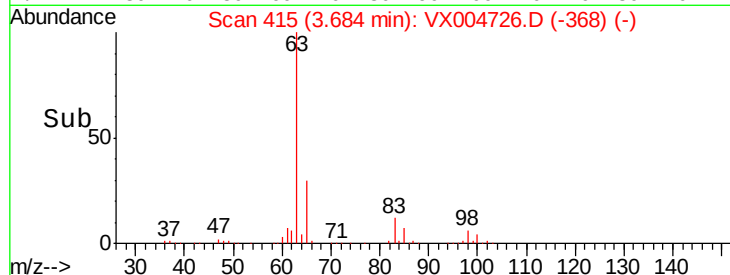
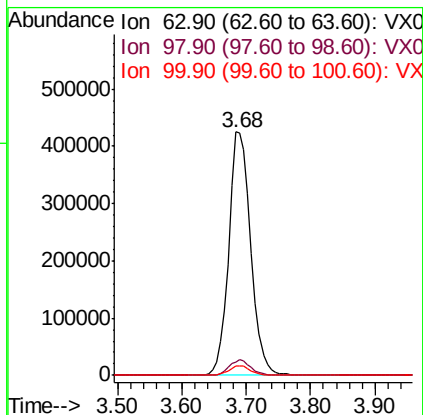
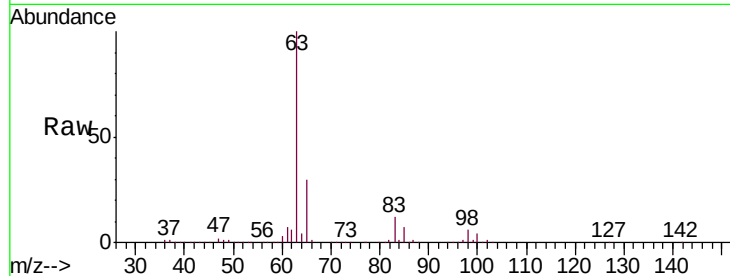
ClientSampleId :

VSTDICC150

Tgt Ion:	63	Resp:	1017971
Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.0	9.2
100	3.8	2.0	5.8

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#25

2-Butanone

Concen: 722.176 ug/l

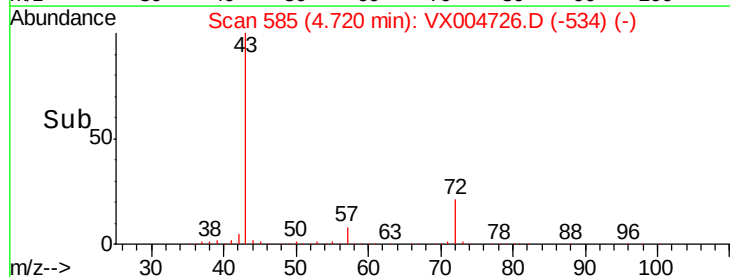
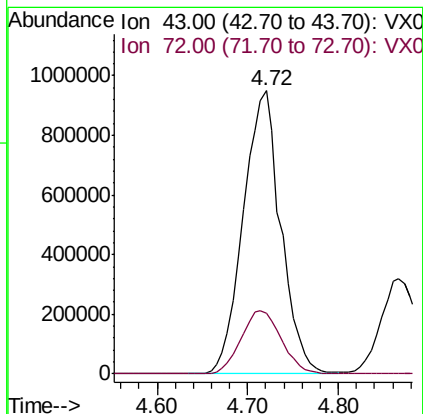
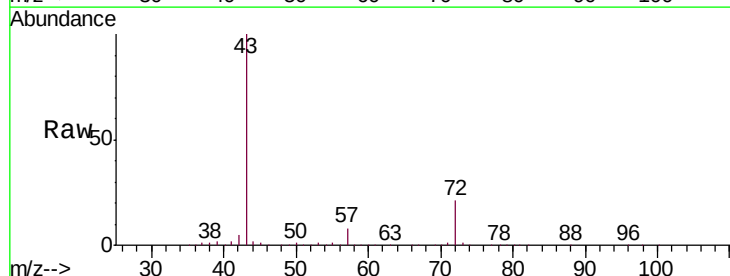
RT: 4.72 min Scan# 585

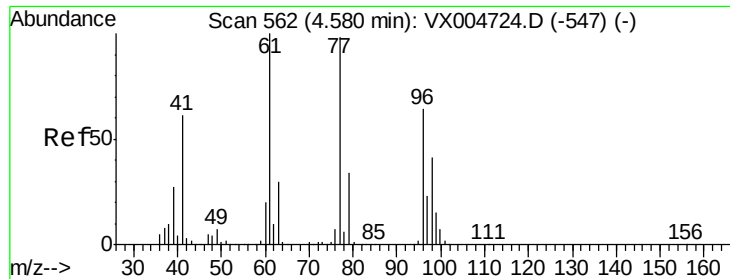
Delta R.T. 0.01 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Tgt Ion:	43	Resp:	2713796
Ion	Ratio	Lower	Upper
43	100		
72	21.2	20.8	31.2





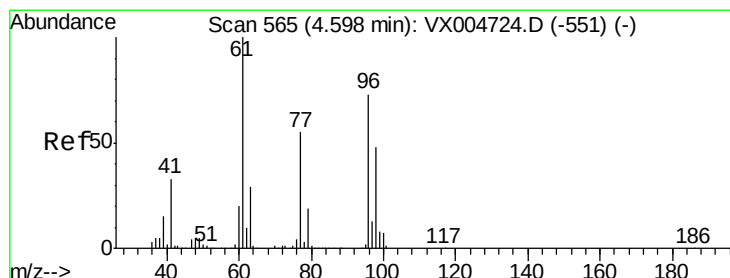
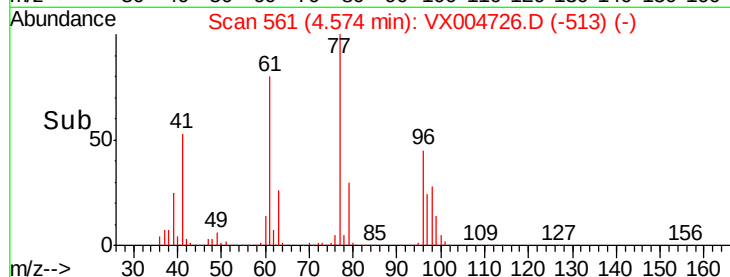
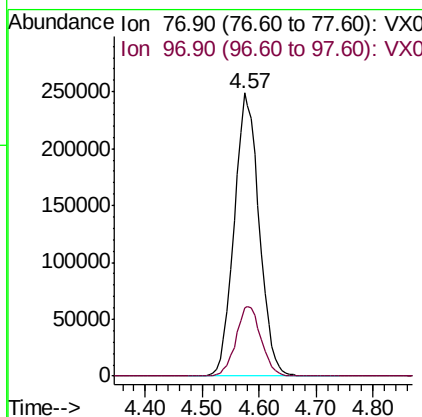
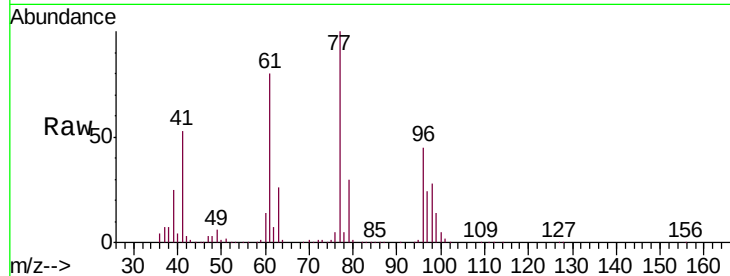
#26
 2,2-Dichloropropane
 Concen: 151.033 ug/l
 RT: 4.57 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 77 Resp: 763466
 Ion Ratio Lower Upper
 77 100
 97 24.8 12.6 37.8

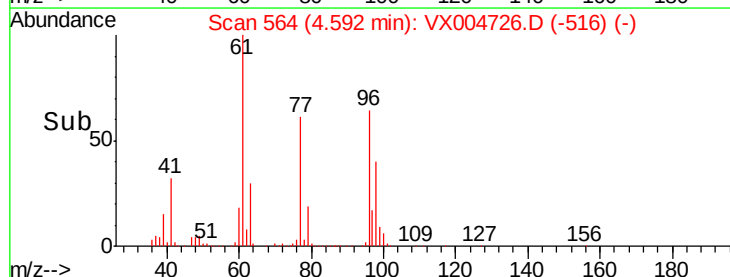
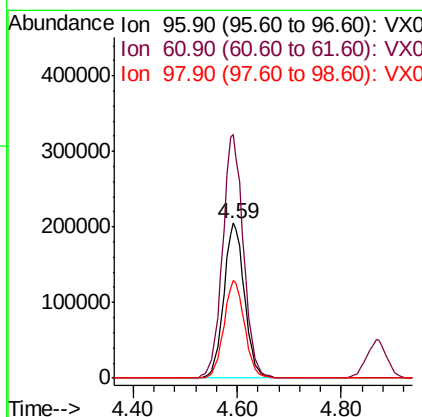
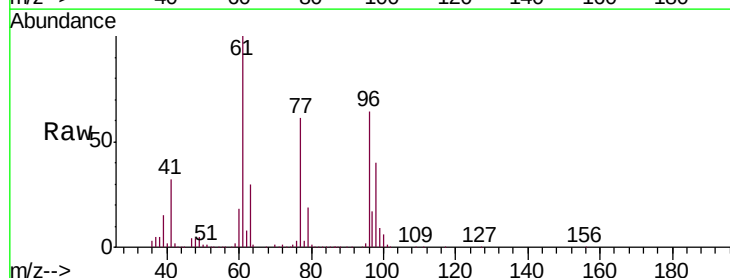
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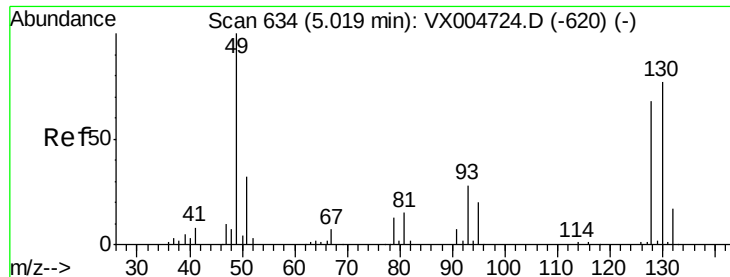
apatel
 10/3/2018 8:26:45 AM



#27
 cis-1,2-Dichloroethene
 Concen: 140.646 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Tgt Ion: 96 Resp: 569680
 Ion Ratio Lower Upper
 96 100
 61 159.6 0.0 285.8
 98 63.3 0.0 136.2





#28

Bromochloromethane

Concen: 137.420 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 49 Resp: 469761
Ion Ratio Lower Upper

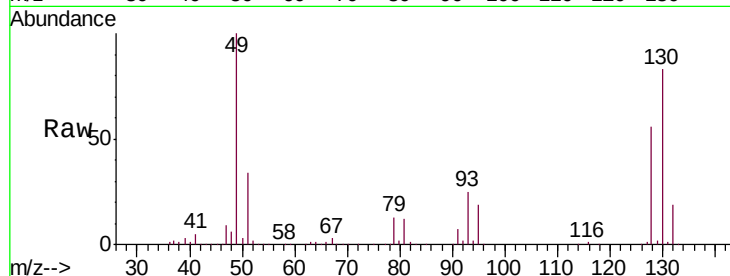
49 100

129 1.8 0.0 4.2

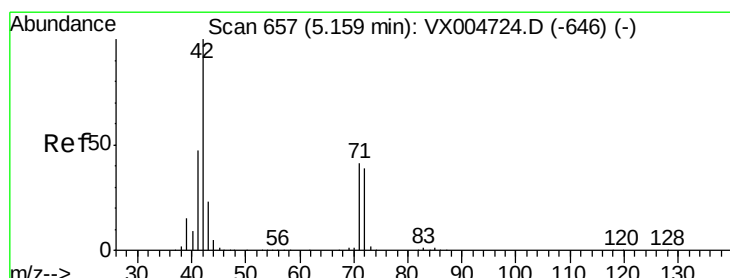
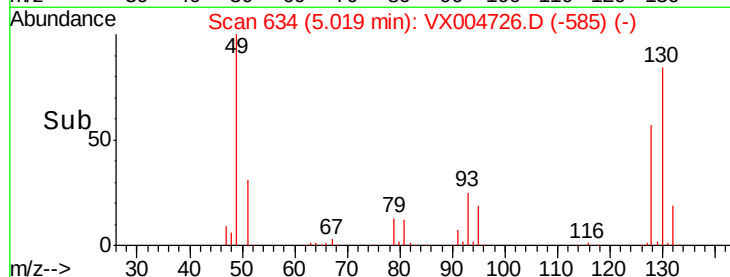
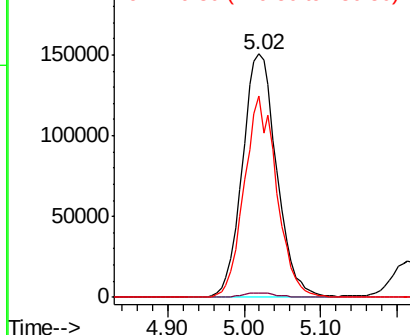
130 78.3 62.0 93.0

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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: 734.400 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX004726.D

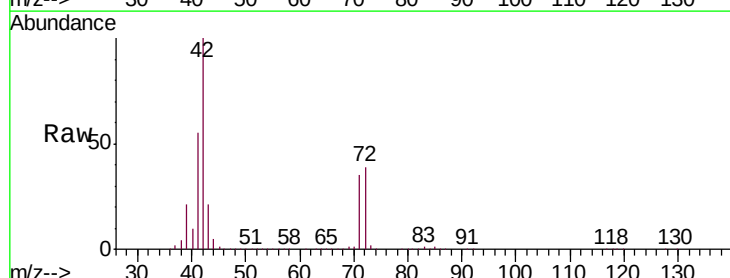
Acq: 26 Sep 2018 13:47

Tgt Ion: 42 Resp: 1715270
Ion Ratio Lower Upper

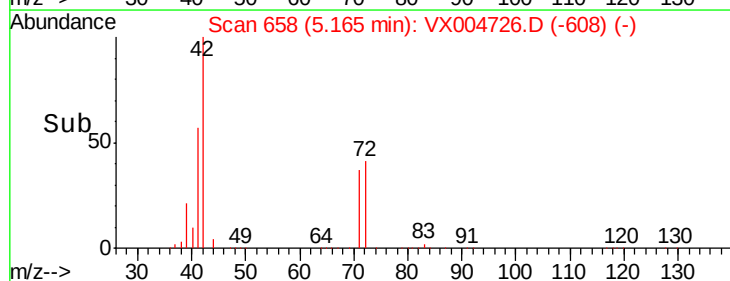
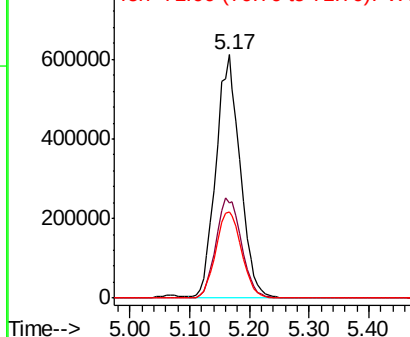
42 100

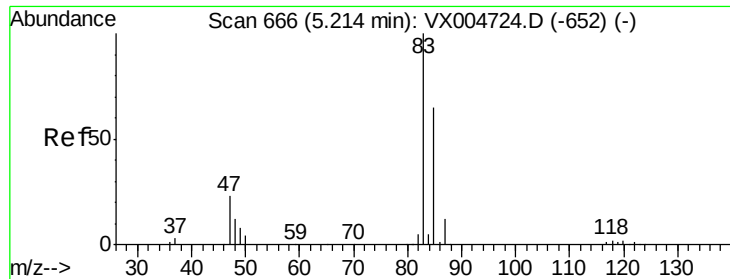
72 43.6 33.7 50.5

71 38.0 32.2 48.4



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





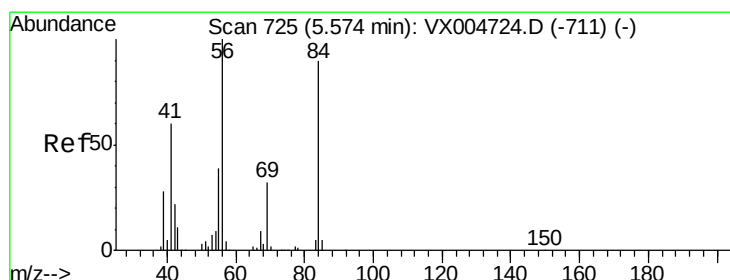
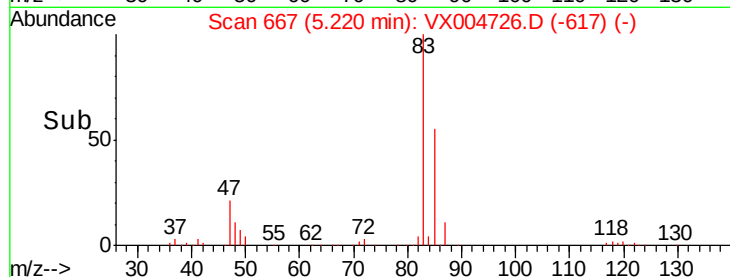
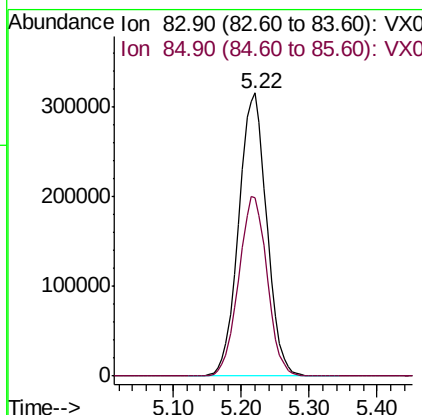
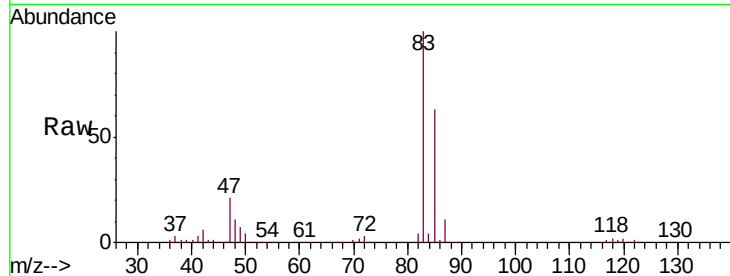
#30
Chloroform
Concen: 131.633 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 903085
Ion Ratio Lower Upper
83 100
85 63.1 52.4 78.6

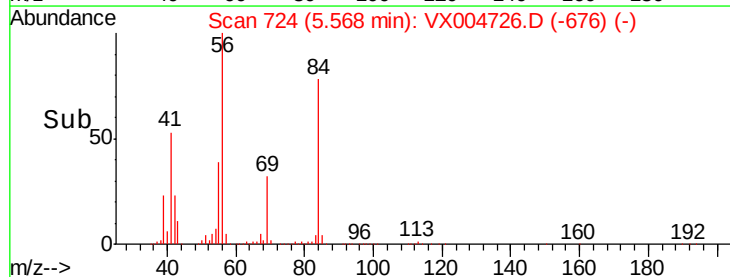
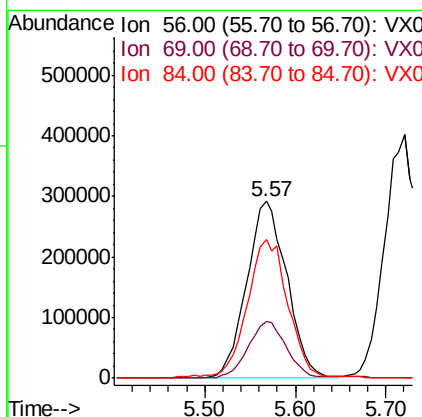
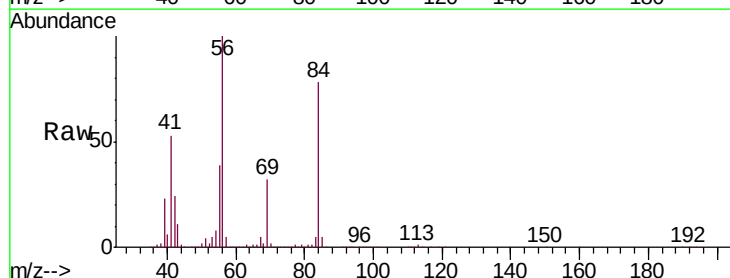
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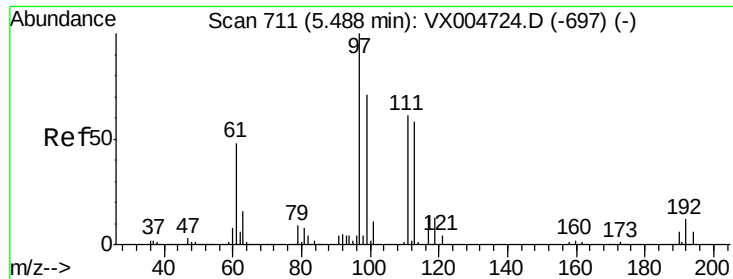
apatel
10/3/2018 8:26:45 AM



#31
Cyclohexane
Concen: 160.485 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion: 56 Resp: 891647
Ion Ratio Lower Upper
56 100
69 32.2 25.9 38.9
84 77.3 71.9 107.9





#32

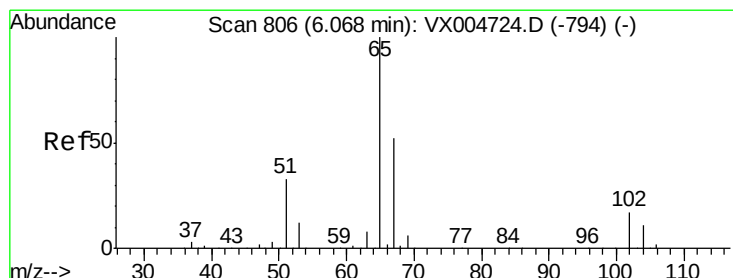
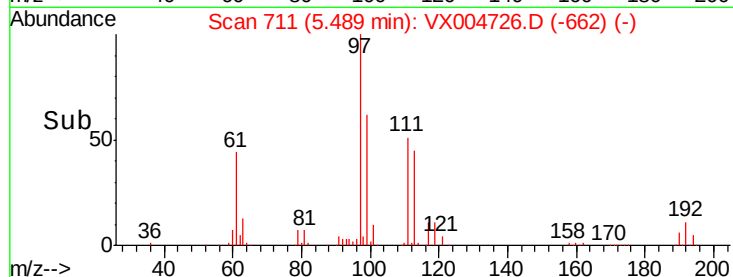
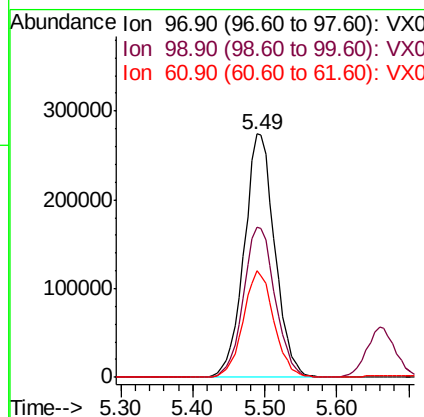
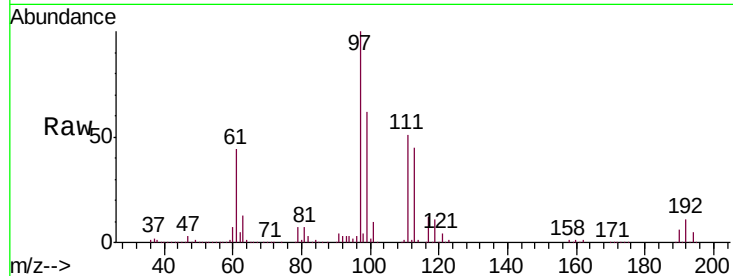
1,1,1-Trichloroethane
 Concen: 144.268 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	808324		
99	63.9		54.6	82.0
61	43.8		37.5	56.3

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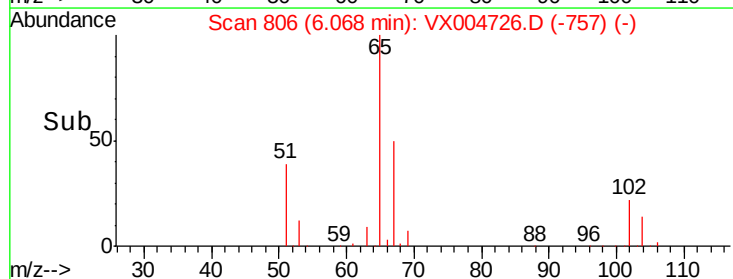
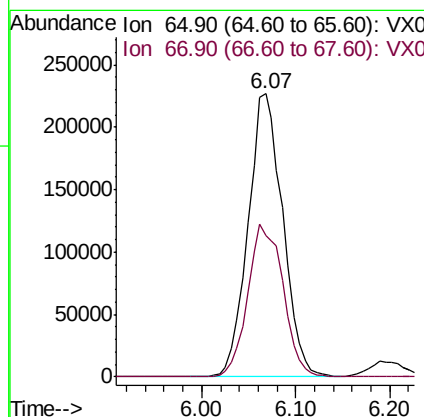
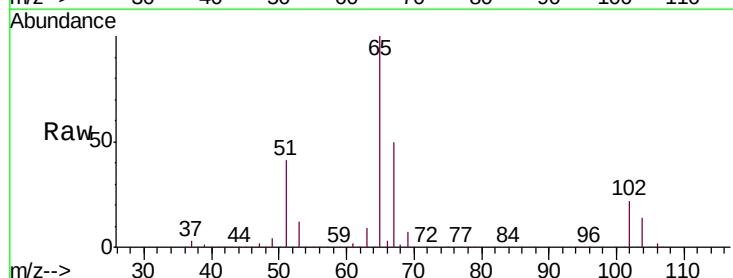
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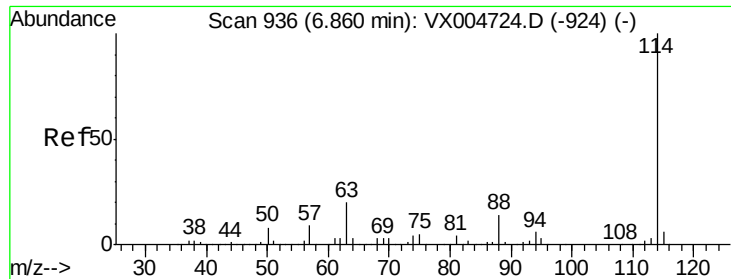


#33

1,2-Dichloroethane-d4
 Concen: 134.337 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	586606		
67	54.8		0.0	107.4





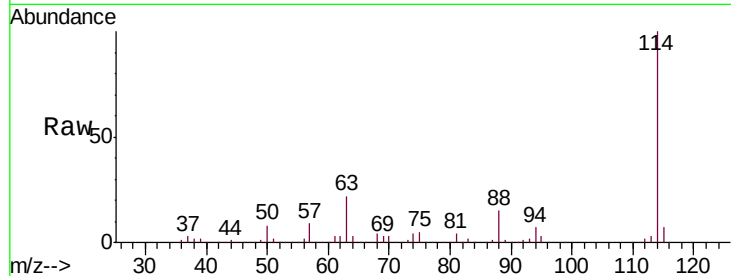
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

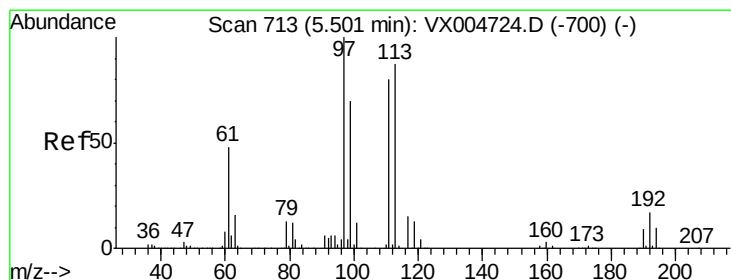
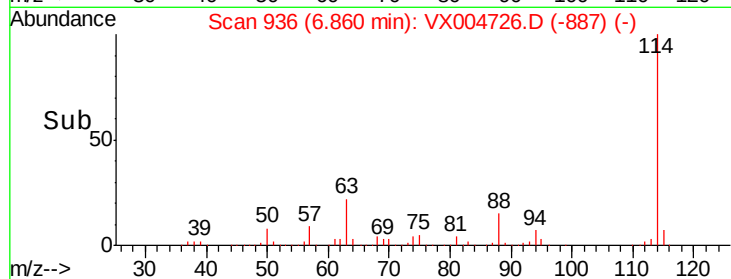
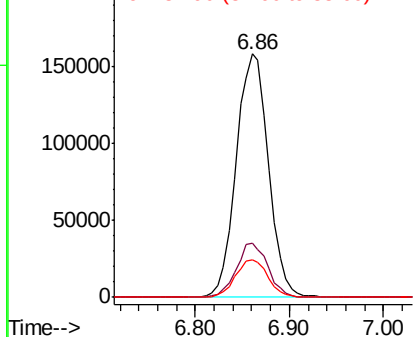
Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	22.3	0.0	39.8
88	15.3	0.0	27.0

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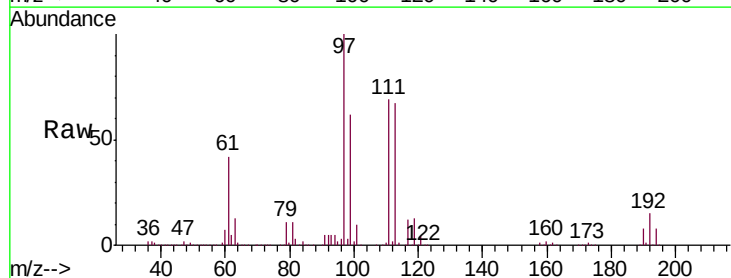


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

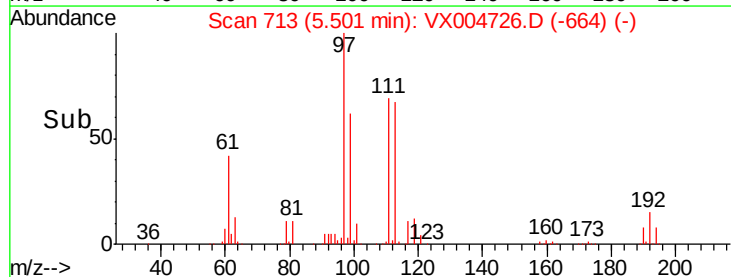
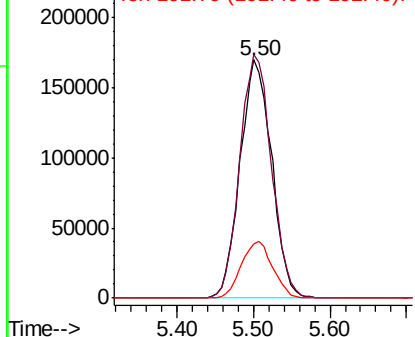


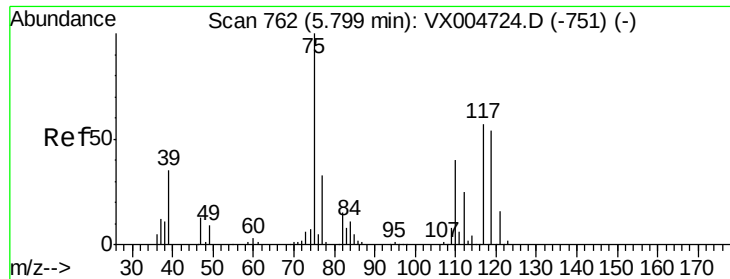
#35
Dibromofluoromethane
Concen: 152.576 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	102.5	77.0	115.4
192	23.6	17.0	25.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





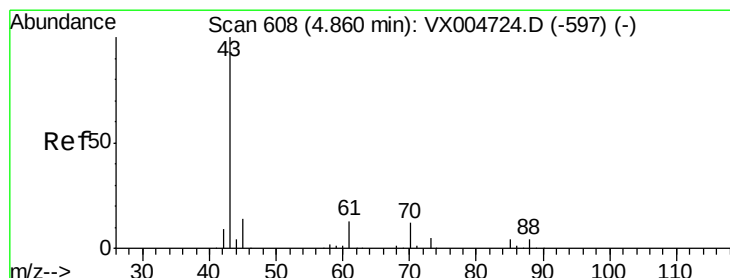
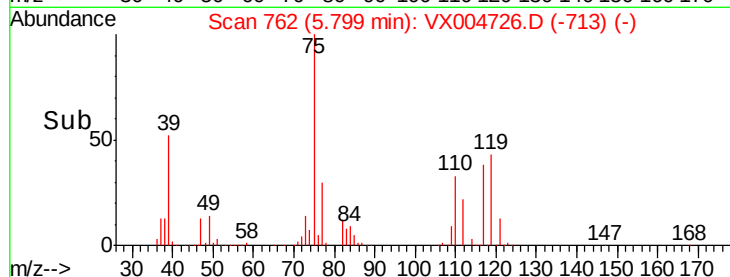
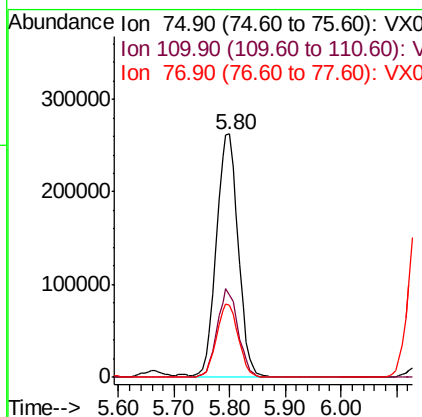
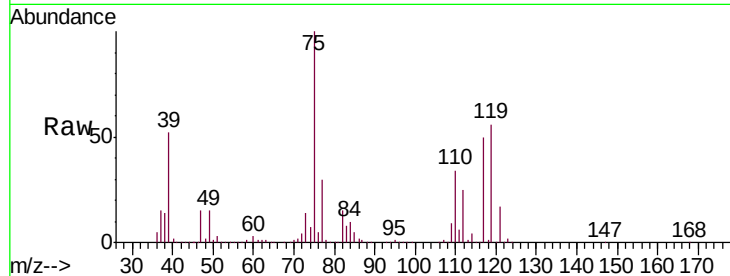
#36
 1,1-Dichloropropene
 Concen: 163.310 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	20.0	59.9
77	30.3	27.1	40.7

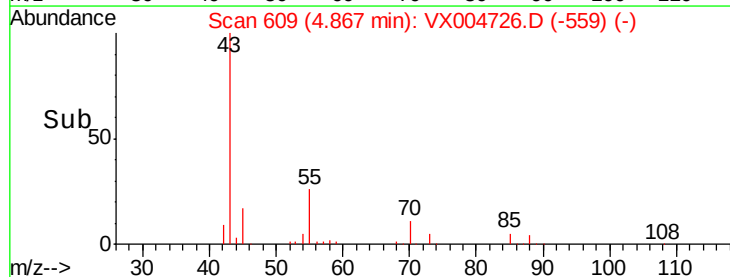
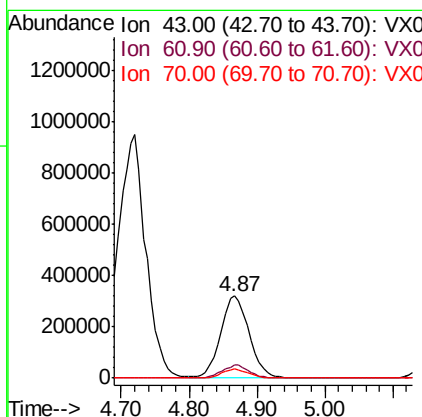
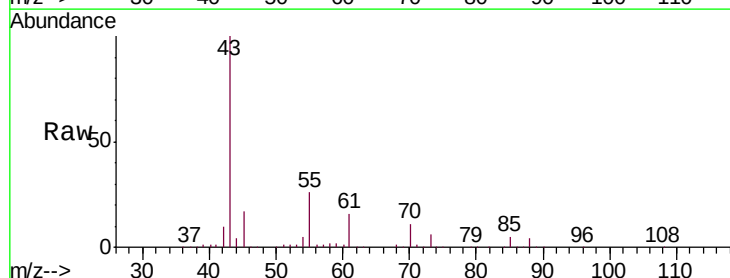
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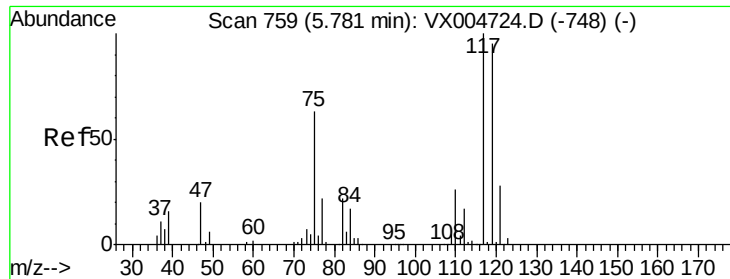
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#37
 Ethyl Acetate
 Concen: 159.340 ug/l
 RT: 4.87 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	10.4	15.6
70	10.6	8.7	13.1





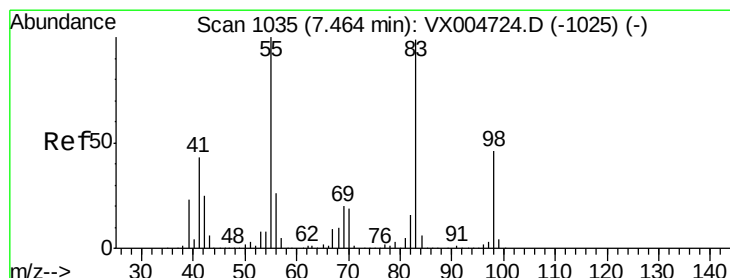
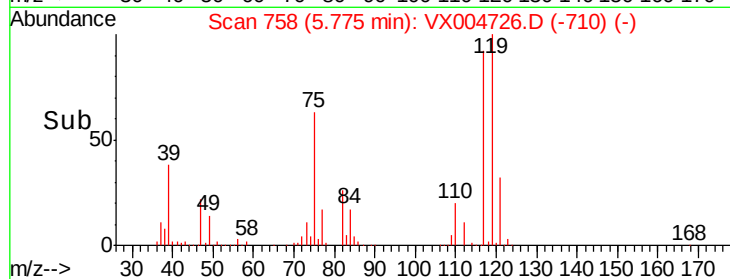
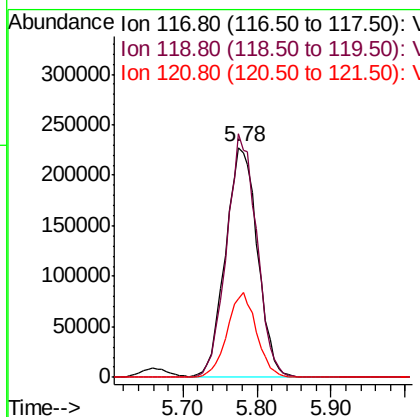
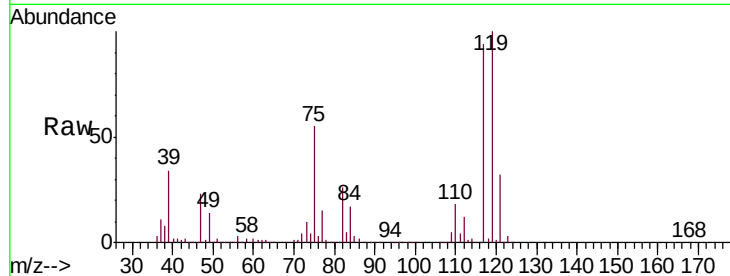
#38
Carbon Tetrachloride
Concen: 148.705 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	682834		
119	105.9	75.2	112.8	
121	34.1	22.5	33.7	

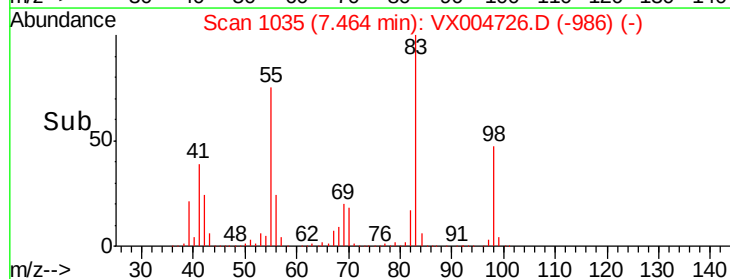
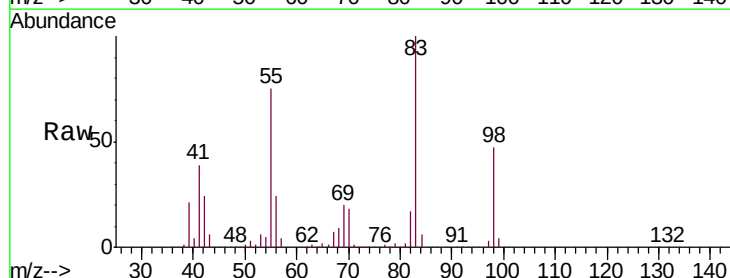
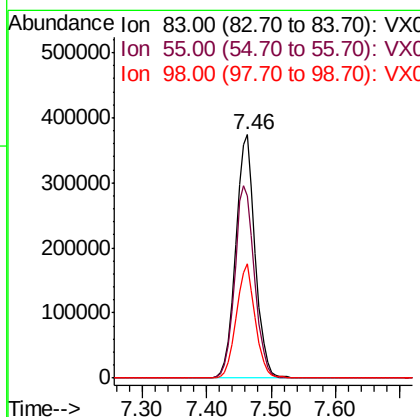
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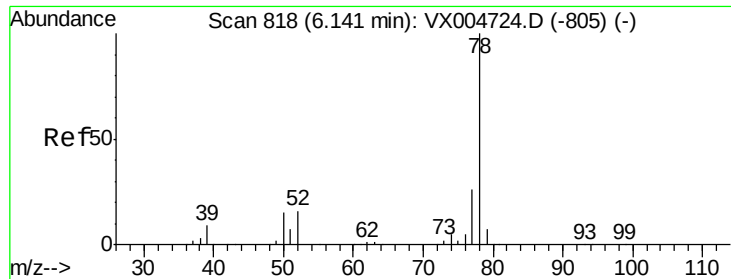
apatel
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#39
Methylcyclohexane
Concen: 175.655 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	783511		
55	74.6	81.1	121.7	
98	46.7	37.3	55.9	





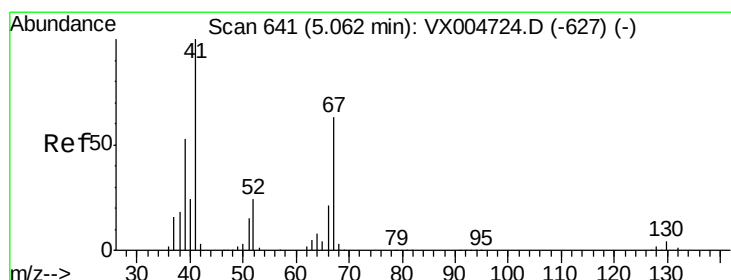
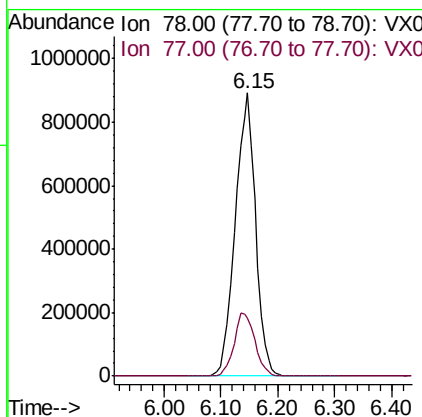
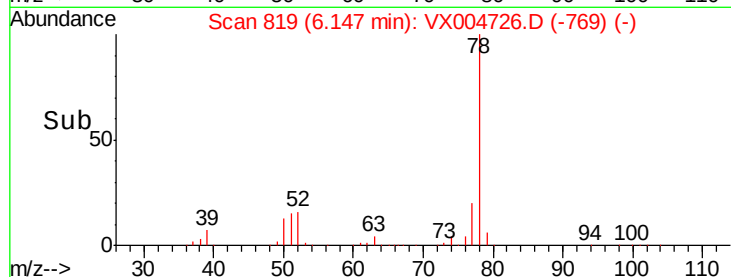
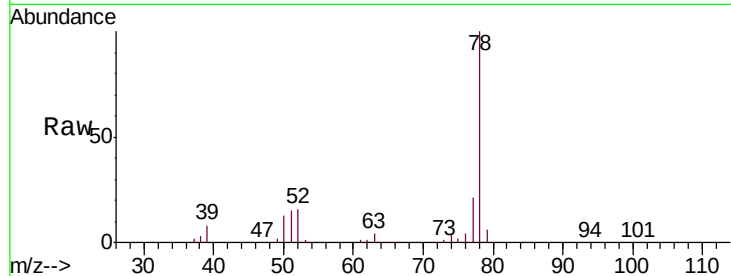
#40
Benzene
Concen: 162.431 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 78 Resp: 2221371
Ion Ratio Lower Upper
78 100
77 20.6 21.0 31.4#

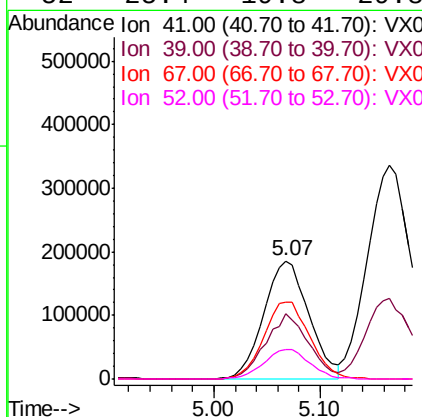
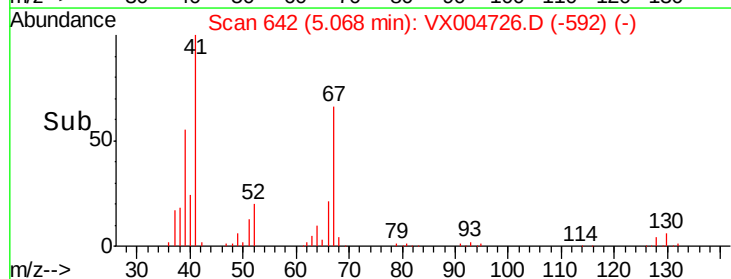
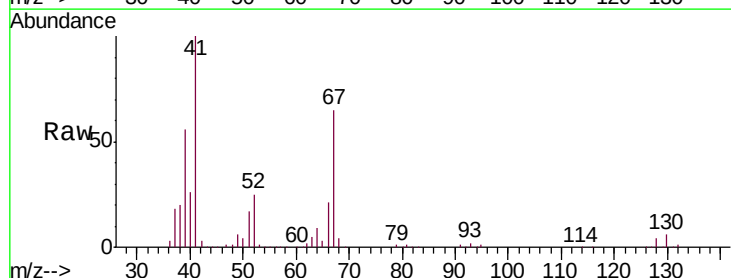
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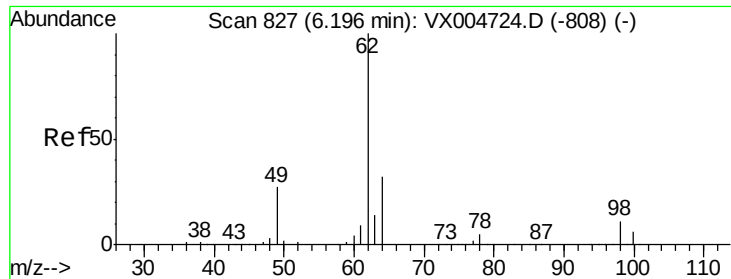
apatel
10/3/2018 8:26:45 AM



#41
Methacrylonitrile
Concen: 169.791 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion: 41 Resp: 545999
Ion Ratio Lower Upper
41 100
39 53.0 42.5 63.7
67 66.8 53.0 79.6
52 25.4 19.8 29.8





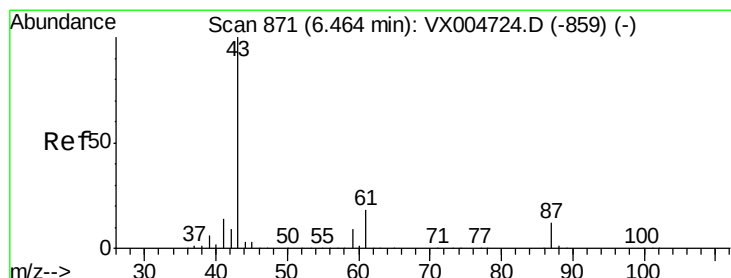
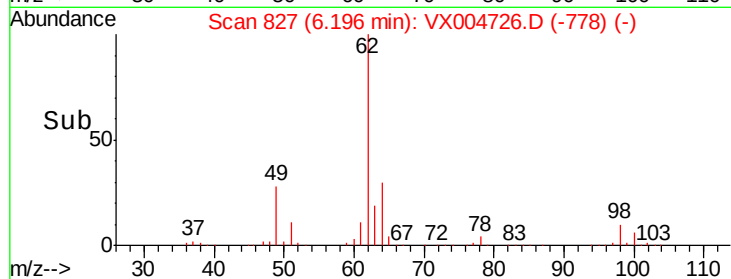
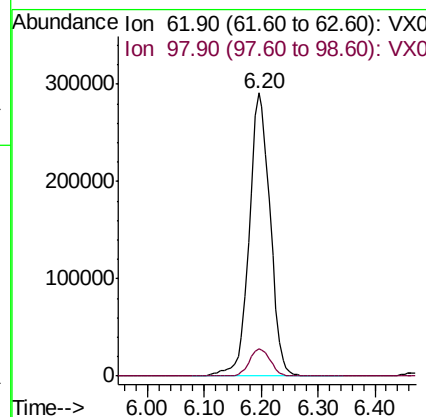
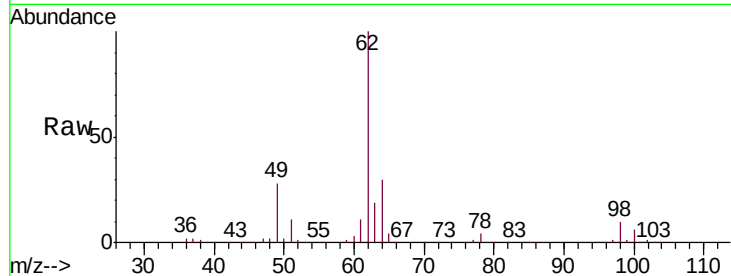
#42
 1,2-Dichloroethane
 Concen: 152.998 ug/l
 RT: 6.20 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	739673		
98	9.7	0.0	20.2	

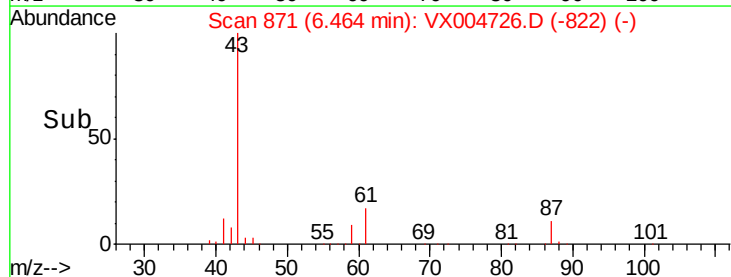
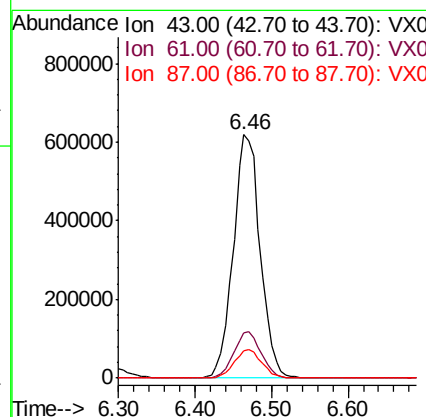
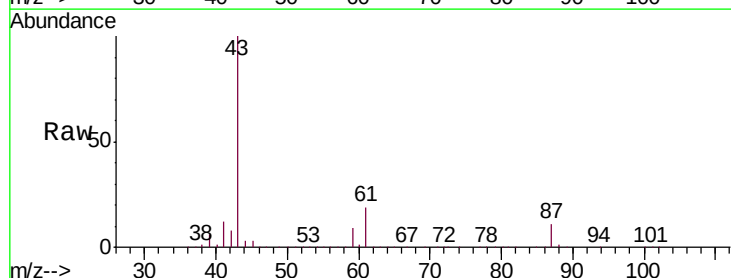
Manual Integrations
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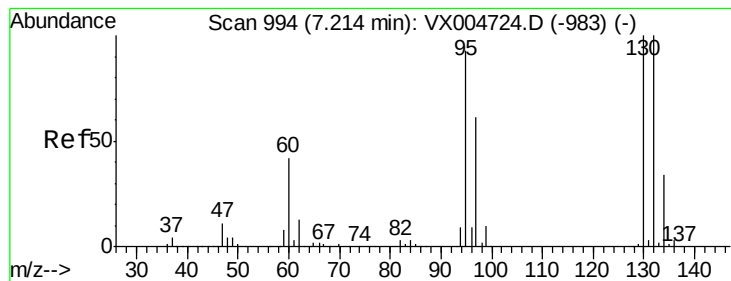
apatel
 10/3/2018 8:26:45 AM



#43
 Isopropyl Acetate
 Concen: 178.987 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	1497987		
61	19.5	14.2	21.4	
87	12.1	9.3	13.9	





#44

Trichloroethene

Concen: 150.779 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tgt Ion:130 Resp: 506909

Ion Ratio Lower Upper

130 100

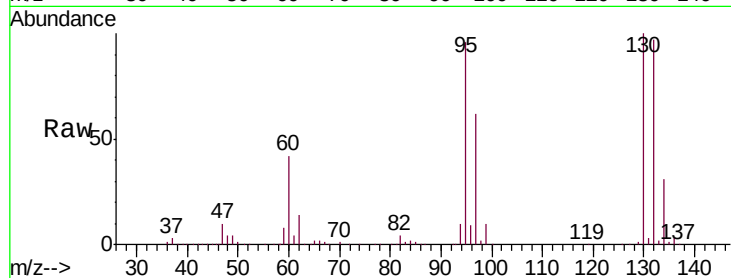
95 96.2 0.0 186.8

Manual Integrations

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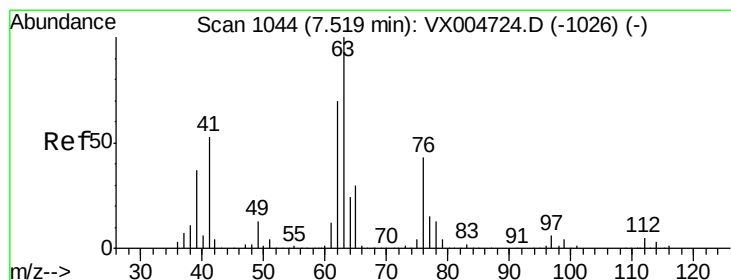
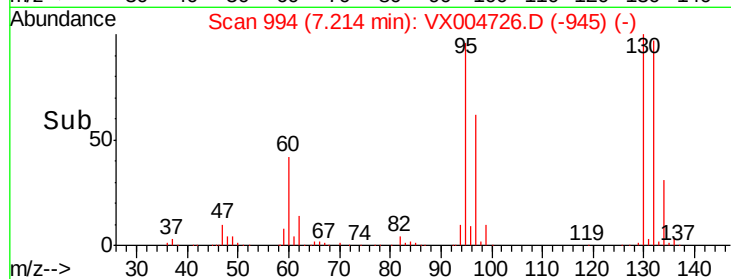
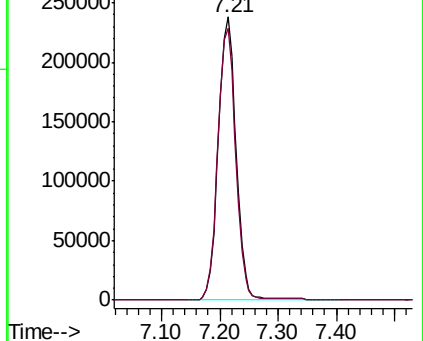
apatel

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 152.444 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004726.D

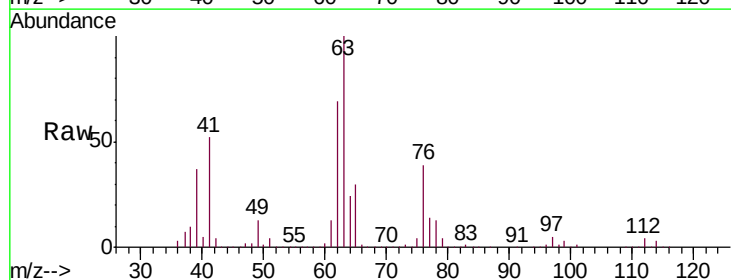
Acq: 26 Sep 2018 13:47

Tgt Ion: 63 Resp: 511256

Ion Ratio Lower Upper

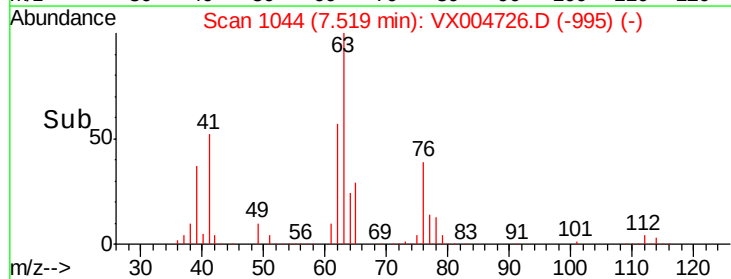
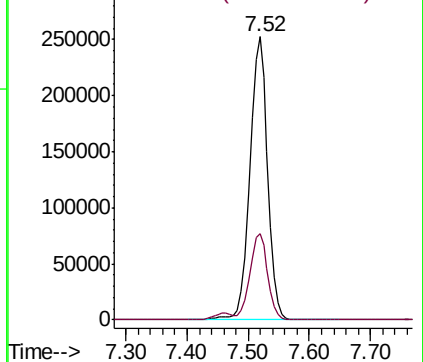
63 100

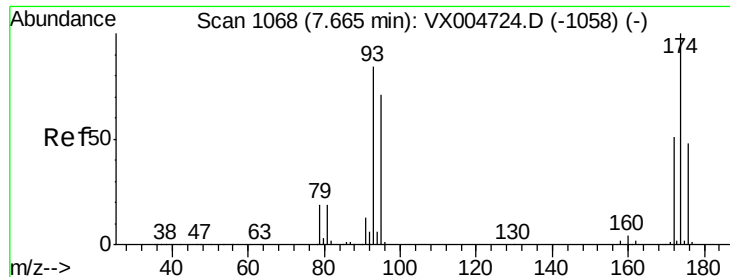
65 30.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 155.083 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Instrument :

MSVOA_X

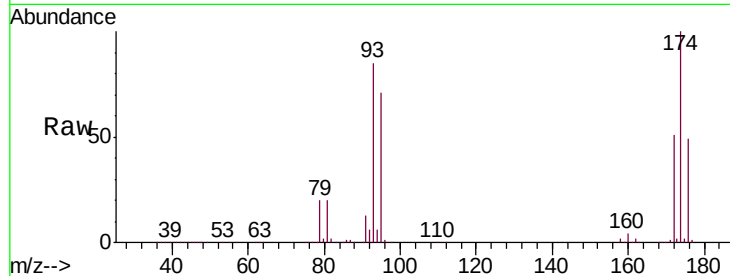
ClientSampled :

VSTDIC150

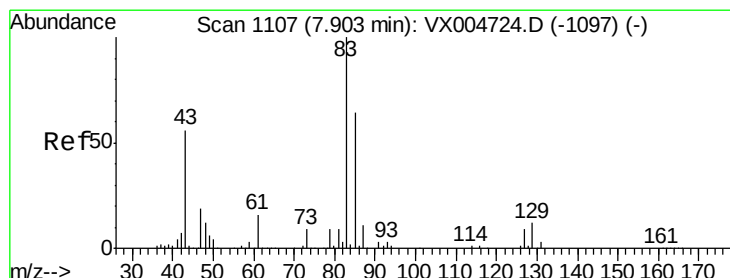
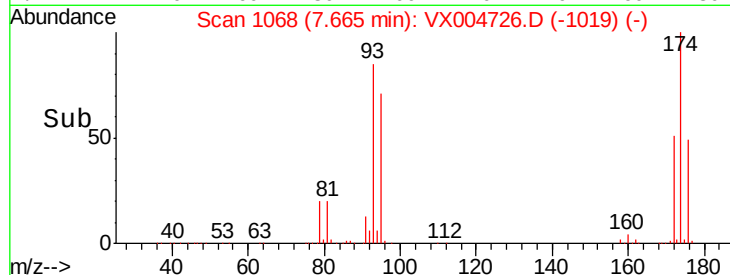
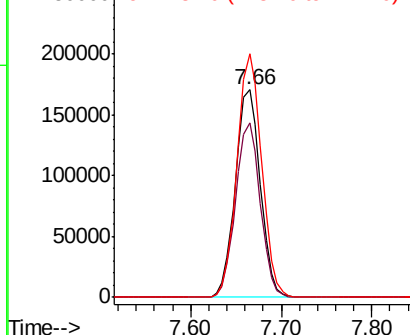
Tgt Ion:	93	Resp:	326867
Ion Ratio	Lower	Upper	
93	100		
95	83.4	66.7	100.1
174	115.4	92.7	139.1

Manual Integrations
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Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 162.667 ug/l

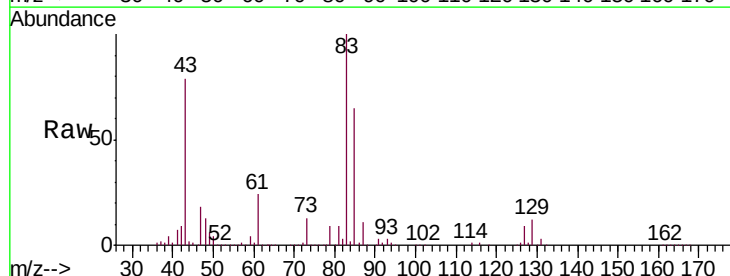
RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

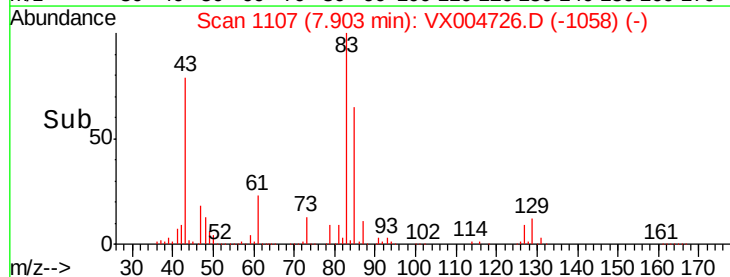
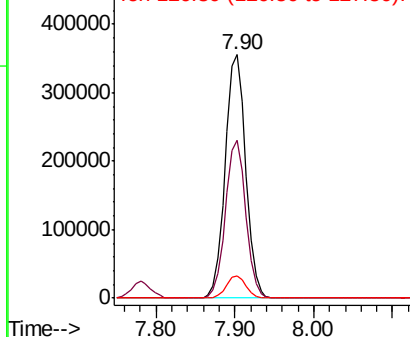
Lab File: VX004726.D

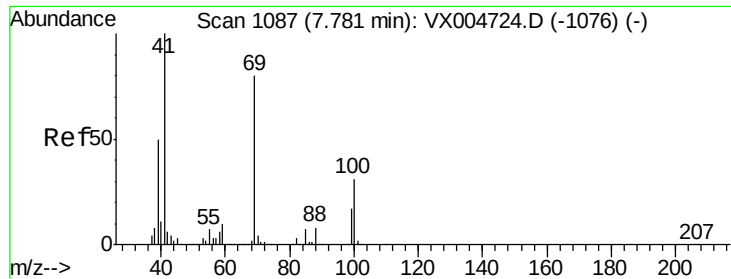
Acq: 26 Sep 2018 13:47

Tgt Ion:	83	Resp:	641908
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.2	76.8
127	8.8	7.0	10.6



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





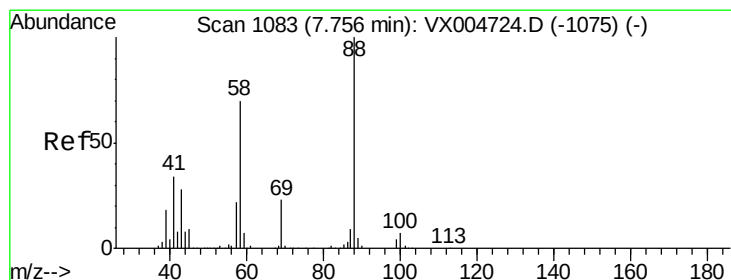
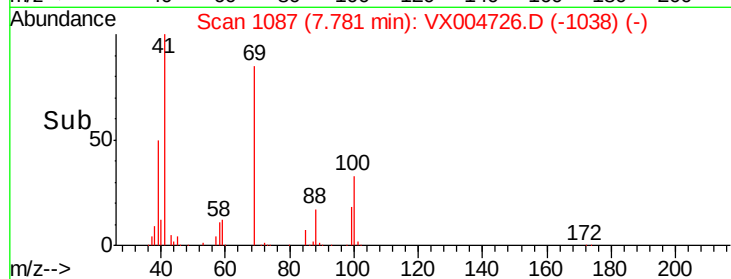
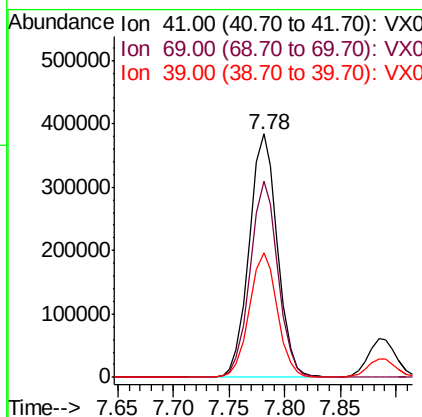
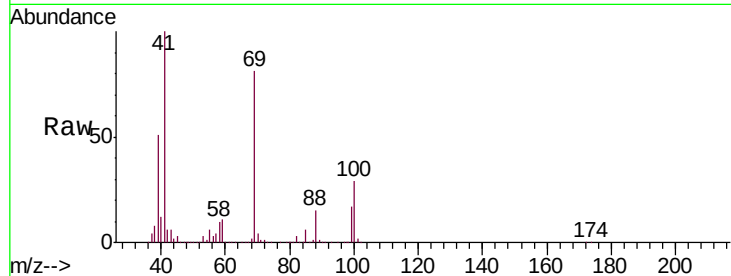
#48
Methyl methacrylate
Concen: 178.616 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion	Ratio	Resp Lower	Resp Upper
41	100		
69	79.6	63.8	95.6
39	50.7	40.7	61.1

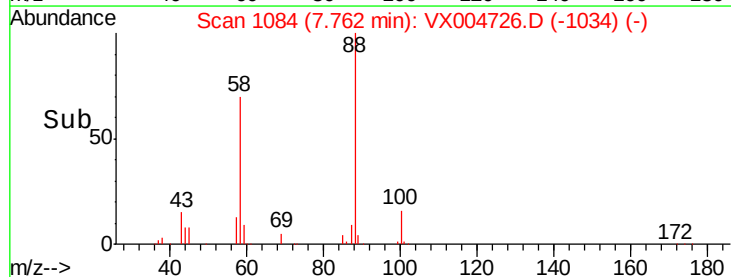
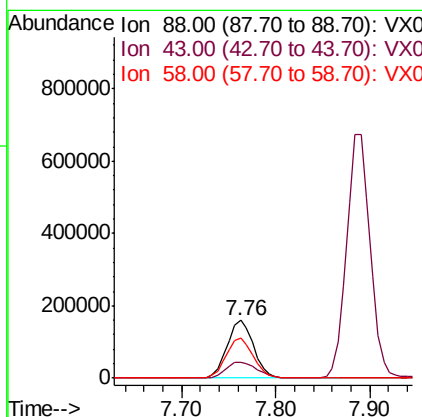
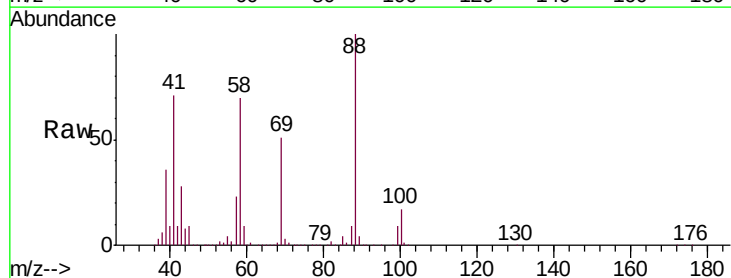
Manual Integrations
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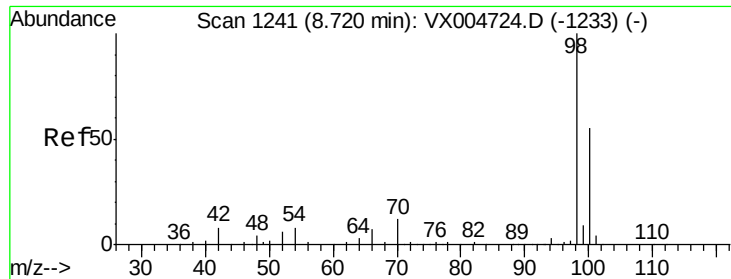
apatel
10/3/2018 8:26:45 AM



#49
1,4-Dioxane
Concen: 3294.006 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
88	100		
43	31.9	25.1	37.7
58	71.7	56.2	84.2





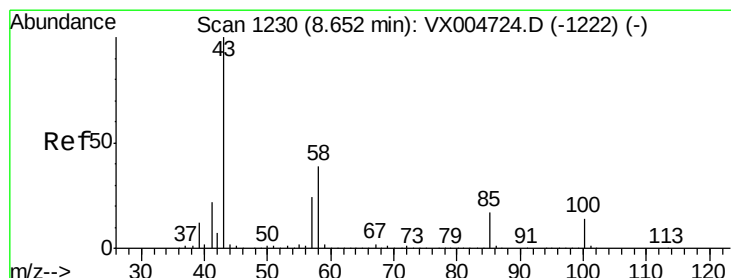
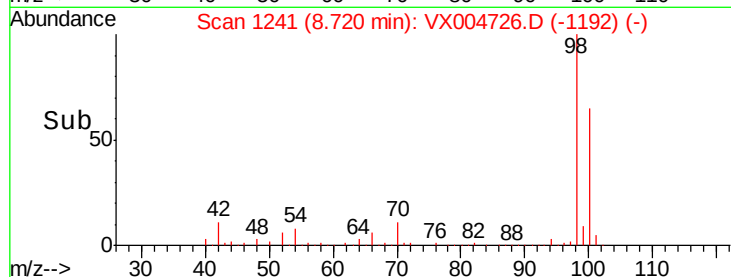
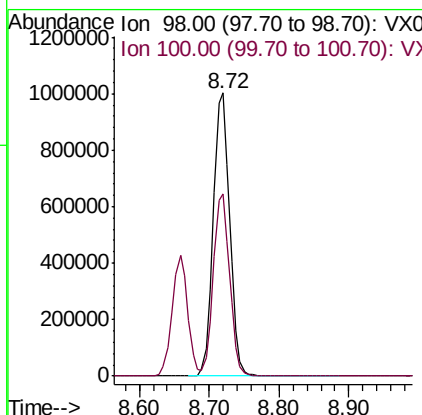
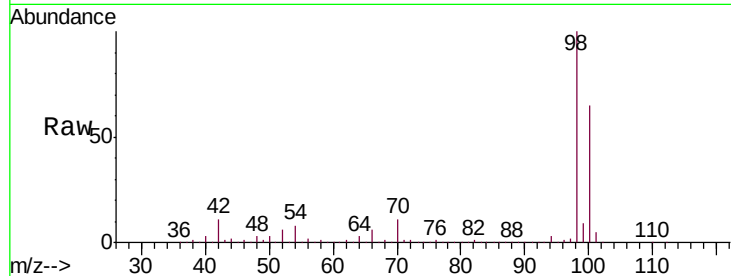
#50
Toluene-d8
Concen: 153.301 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tgt Ion: 98 Resp: 1631739
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

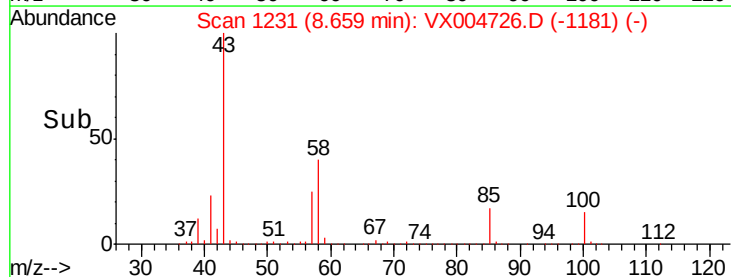
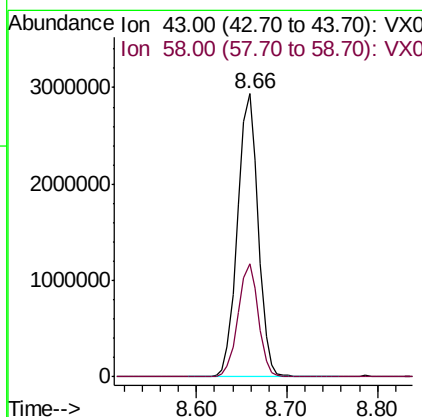
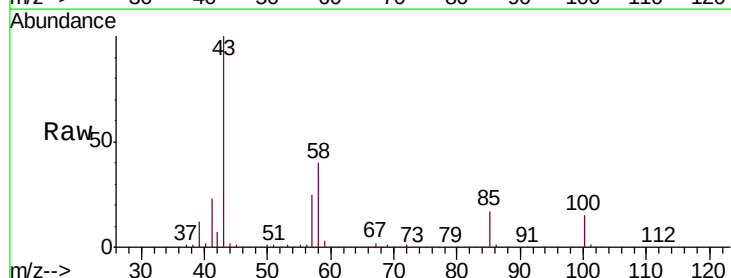
Manual Integrations
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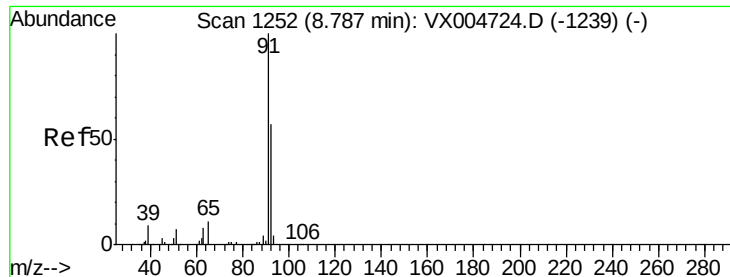
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#51
4-Methyl-2-Pentanone
Concen: 881.123 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.01 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion: 43 Resp: 4643216
Ion Ratio Lower Upper
43 100
58 39.1 30.5 45.7





#52

Toluene

Concen: 158.029 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Tgt Ion: 92 Resp: 1187531

Ion Ratio Lower Upper

92 100

91 173.3 136.7 205.1

Instrument :

MSVOA_X

ClientSampleId :

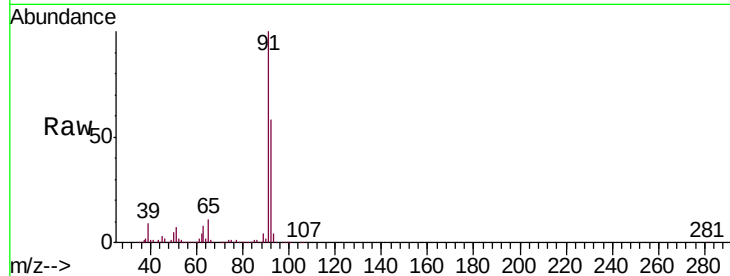
VSTDIC150

Manual Integrations

APPROVED

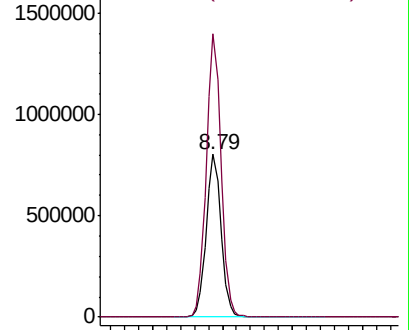
apatel

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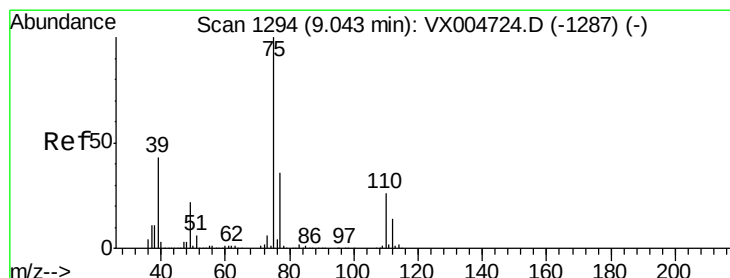
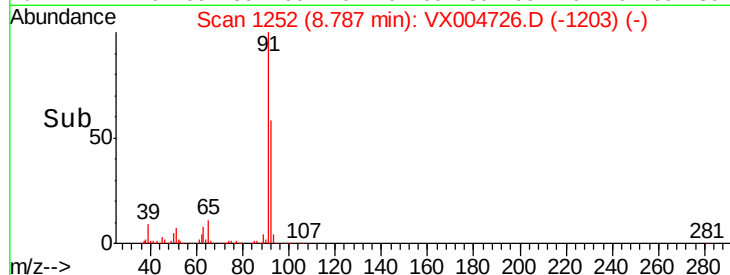


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#53

t-1,3-Dichloropropene

Concen: 172.035 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004726.D

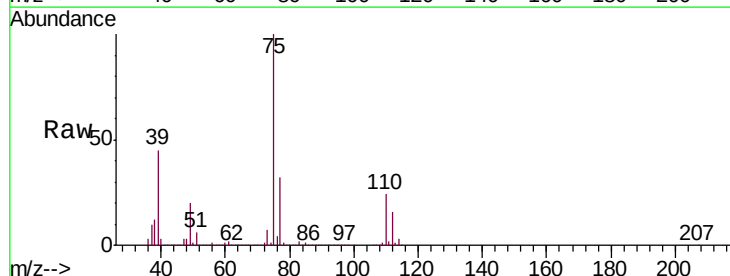
Acq: 26 Sep 2018 13:47

Tgt Ion: 75 Resp: 767159

Ion Ratio Lower Upper

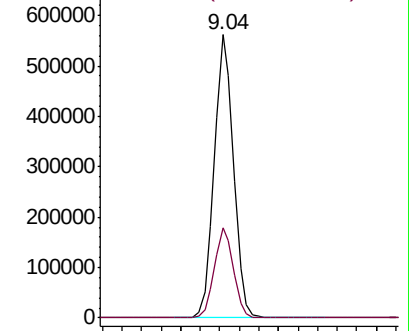
75 100

77 31.6 28.9 43.3

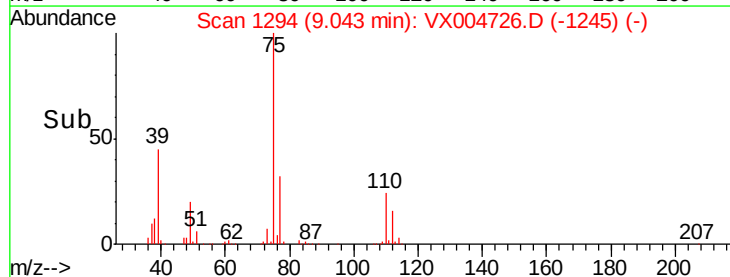


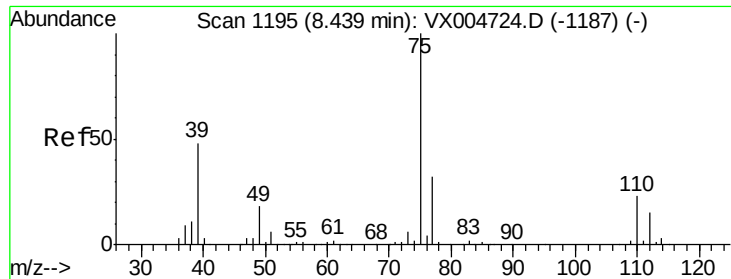
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->





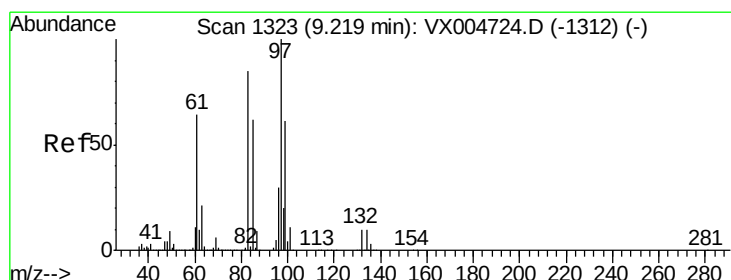
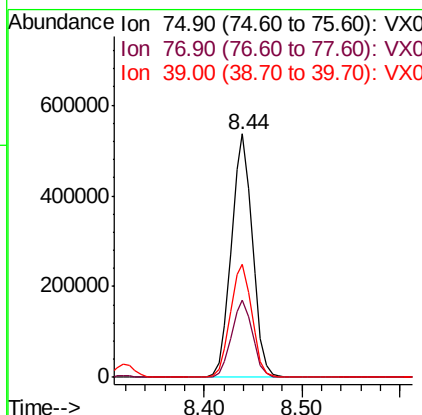
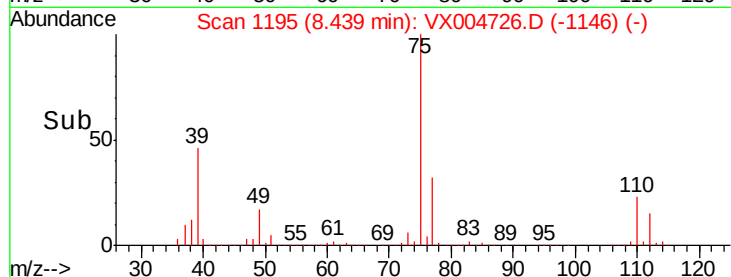
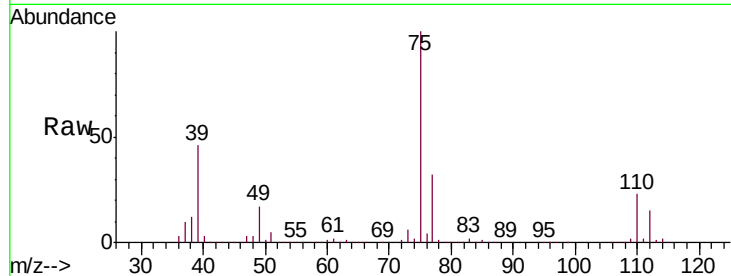
#54
 cis-1,3-Dichloropropene
 Concen: 171.941 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	803100		
77	31.9	25.7	38.5	
39	46.4	38.3	57.5	

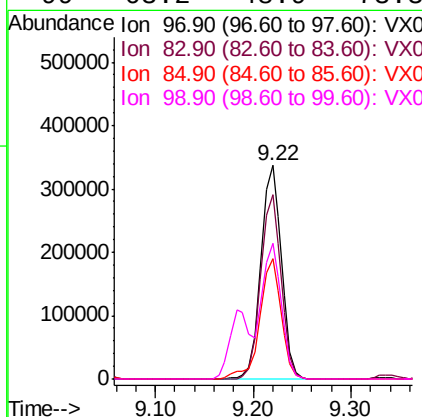
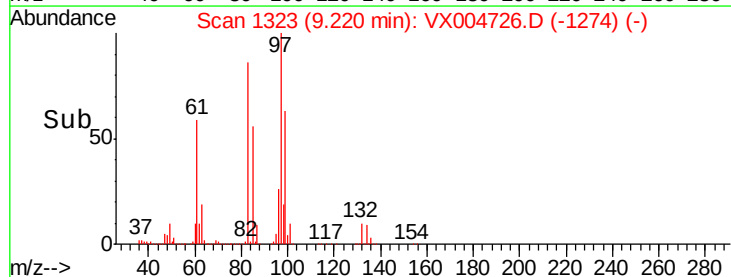
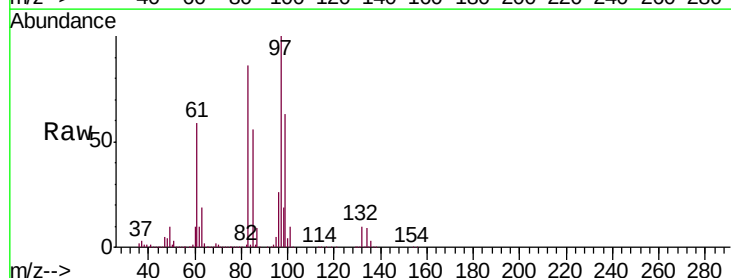
Manual Integrations
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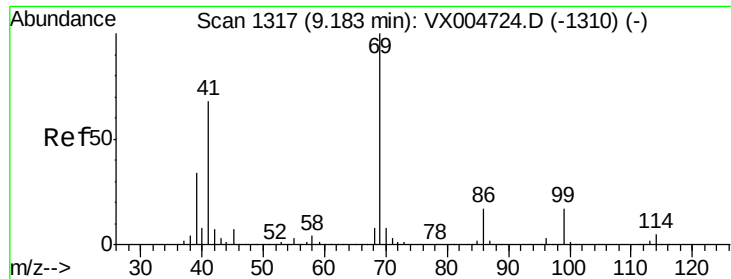
apatel
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#55
 1,1,2-Trichloroethane
 Concen: 150.379 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	494995		
83	86.2	68.2	102.2	
85	56.2	49.9	74.9	
99	63.2	48.9	73.3	





#56

Ethyl methacrylate

Concen: 153.853 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Instrument :

MSVOA_X

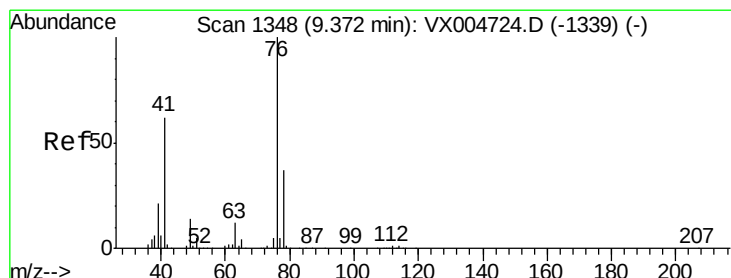
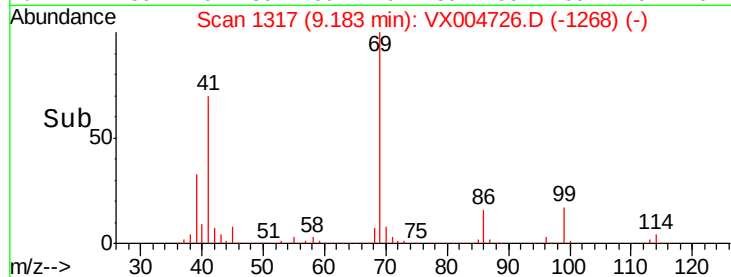
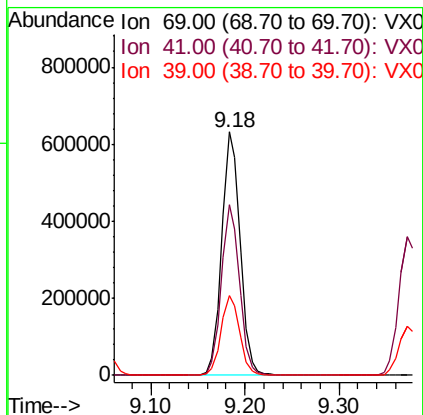
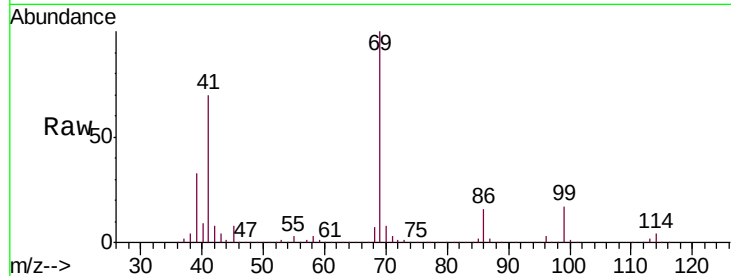
ClientSampleId :

VSTDIC150

Tgt Ion:	69	Resp:	855481
Ion Ratio	Lower	Upper	
69	100		
41	69.2	56.9	85.3
39	33.2	28.4	42.6

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#57

1,3-Dichloropropane

Concen: 151.124 ug/l

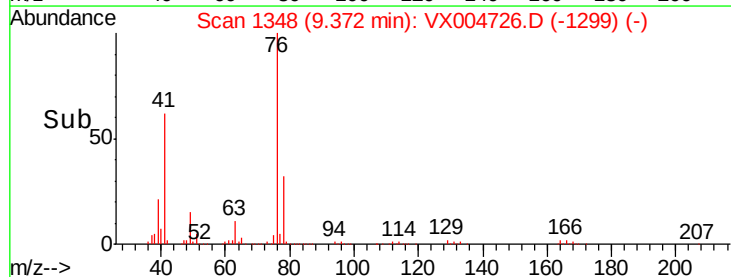
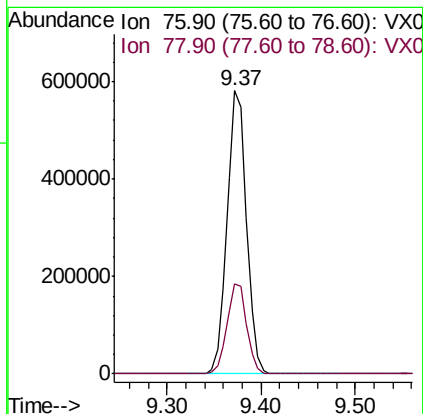
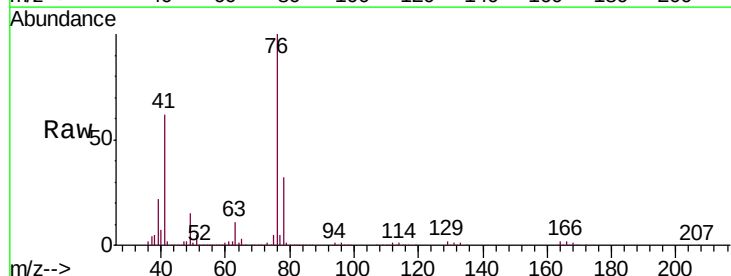
RT: 9.37 min Scan# 1348

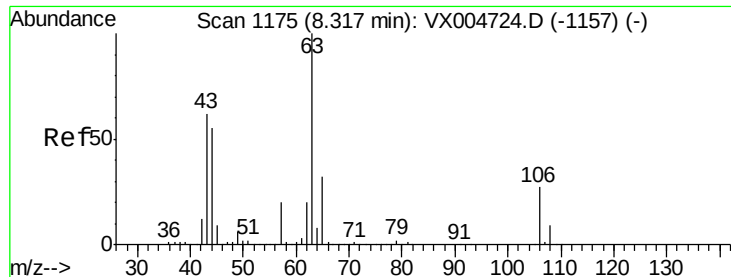
Delta R.T. 0.00 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Tgt Ion:	76	Resp:	827915
Ion Ratio	Lower	Upper	
76	100		
78	32.3	26.6	40.0





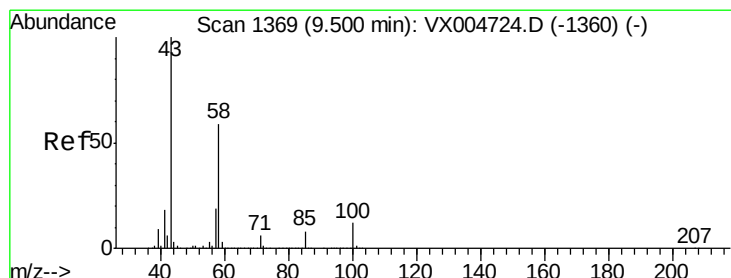
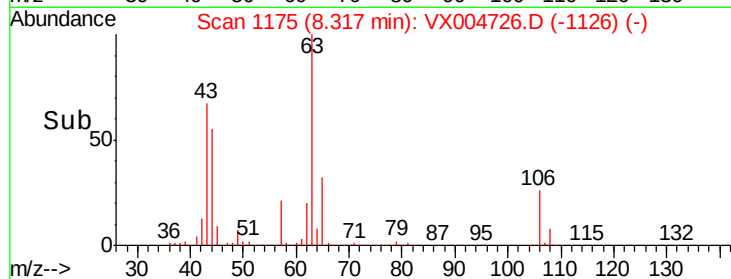
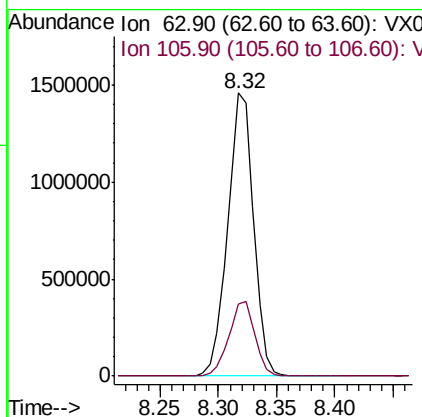
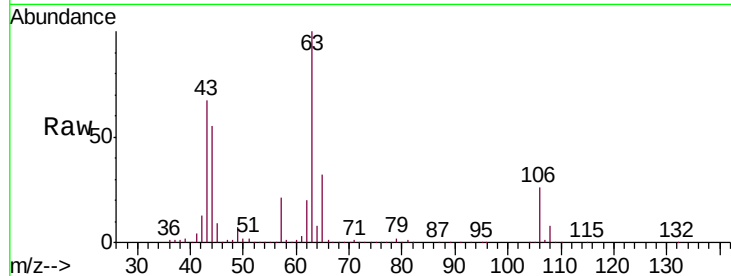
#58
 2-Chloroethyl Vinyl ether
 Concen: 761.390 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 63 Resp: 2247096
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.0 31.6

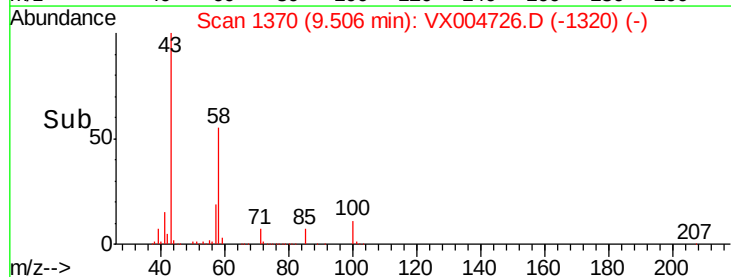
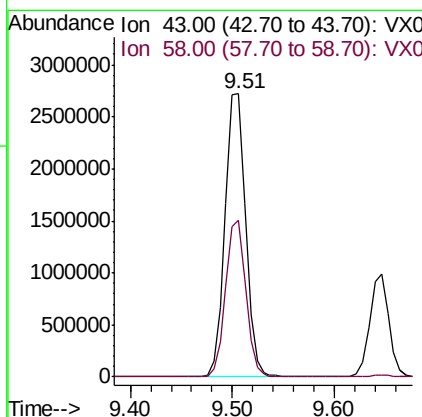
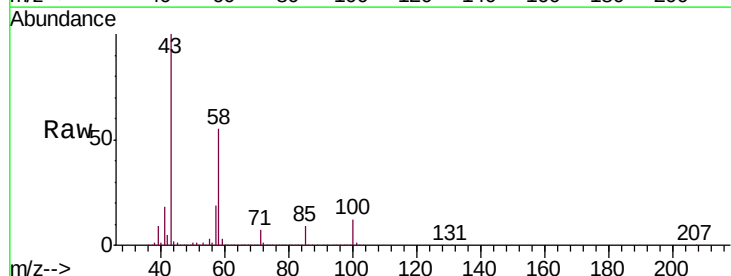
Manual Integrations
 APPROVED

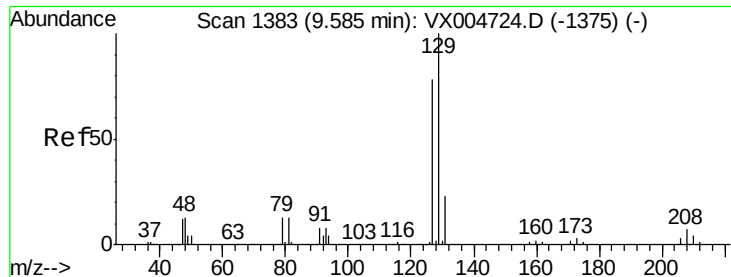
apatel
 10/3/2018 8:26:45 AM



#59
 2-Hexanone
 Concen: 873.084 ug/l
 RT: 9.51 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Tgt Ion: 43 Resp: 3833978
 Ion Ratio Lower Upper
 43 100
 58 54.2 28.4 85.3





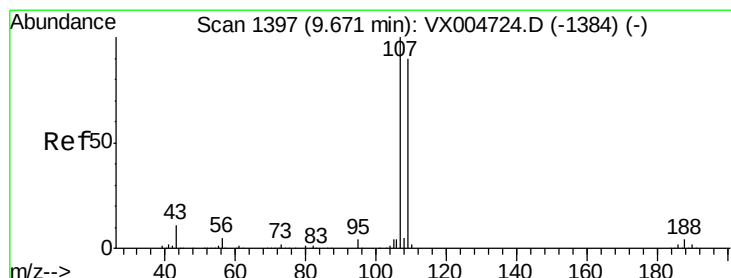
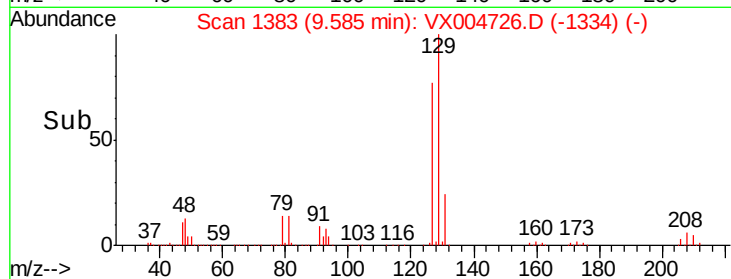
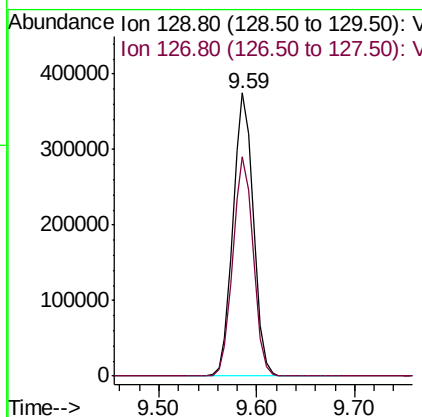
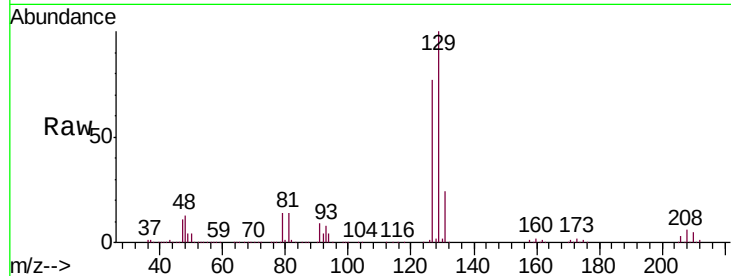
#60
Dibromochloromethane
Concen: 164.346 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.1	117.2

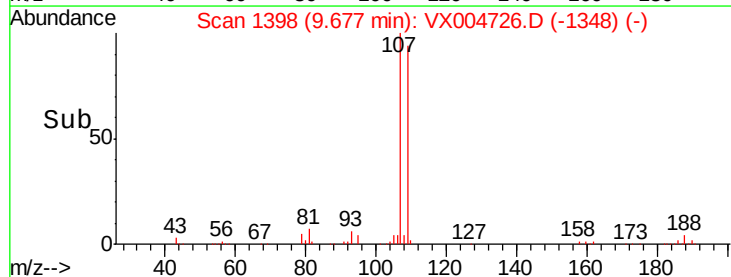
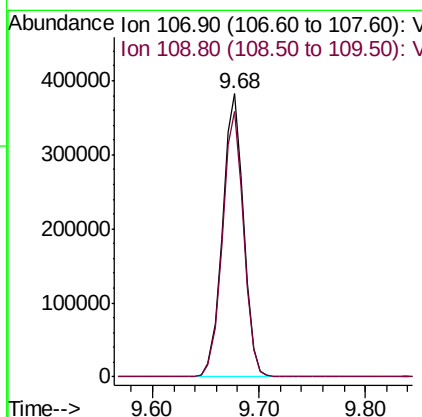
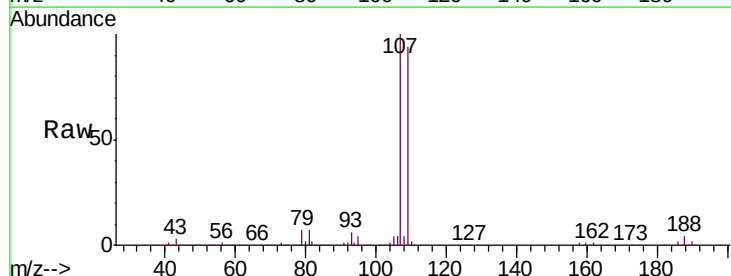
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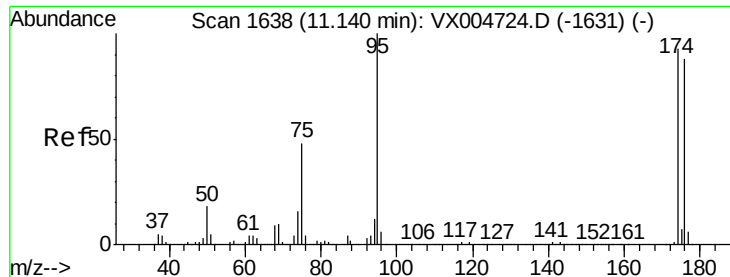
apatel
10/3/2018 8:26:45 AM



#61
1,2-Dibromoethane
Concen: 149.407 ug/l
RT: 9.68 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.3	72.1	108.1





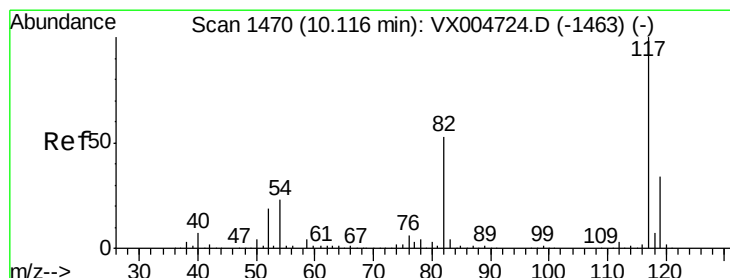
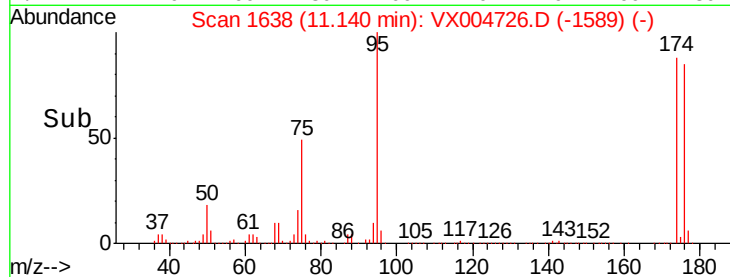
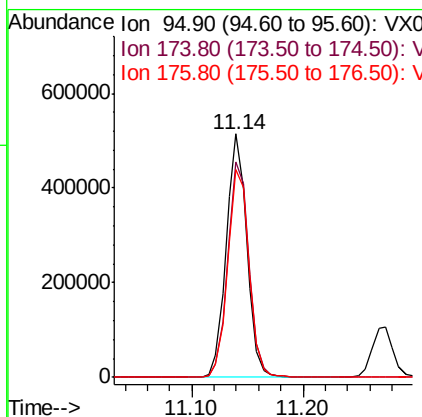
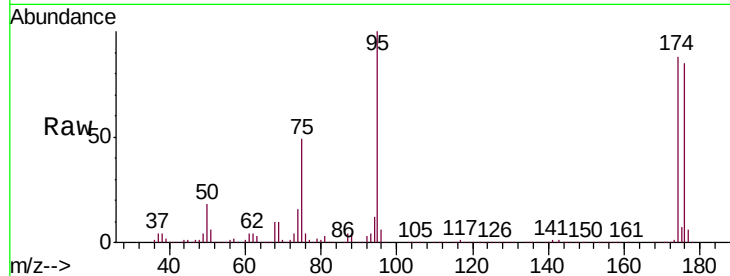
#62
4-Bromofluorobenzene
Concen: 171.754 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	658600		
174	90.8	0.0	185.0	
176	88.4	0.0	180.2	

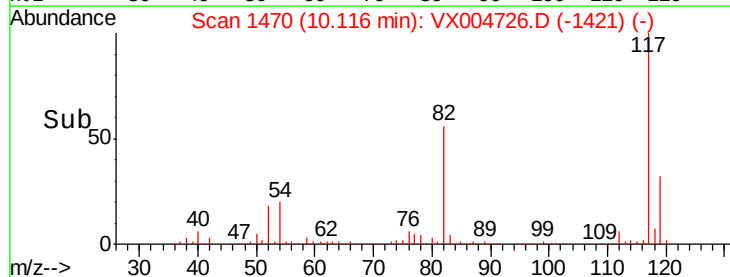
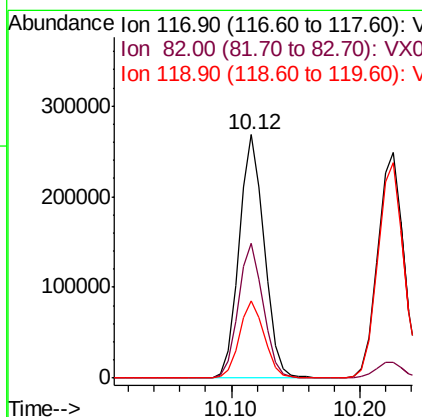
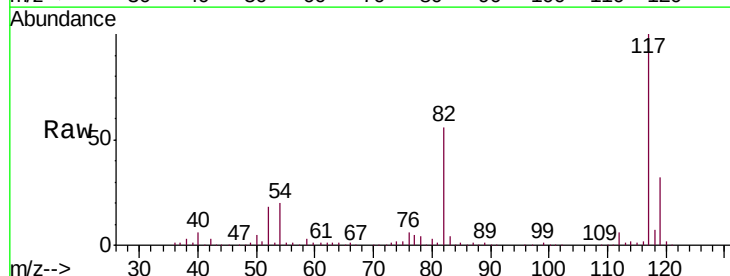
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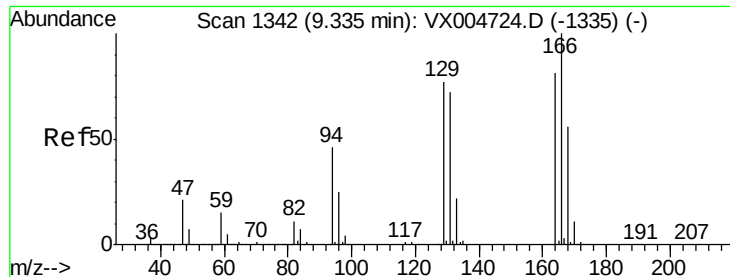
apatel
10/3/2018 8:26:45 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	362054		
82	55.5	42.2	63.4	
119	31.8	27.4	41.0	





#64

Tetrachloroethene

Concen: 134.289 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:164 Resp: 478526

Ion Ratio Lower Upper

164 100

166 129.4 98.4 147.6

129 90.7 76.1 114.1

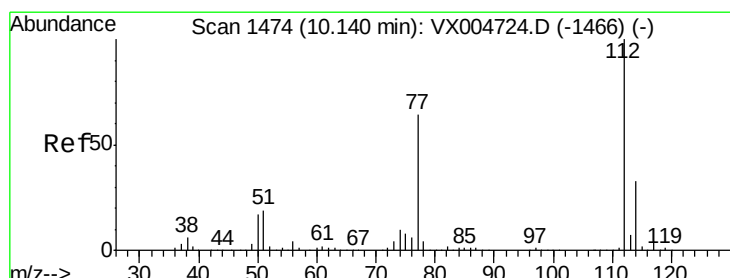
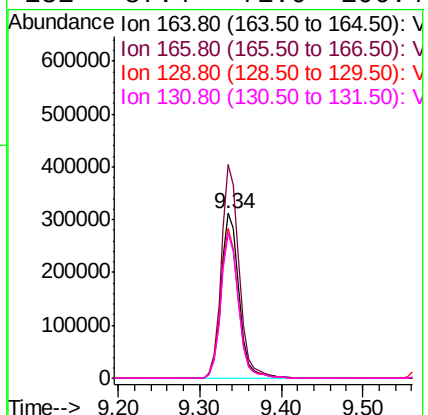
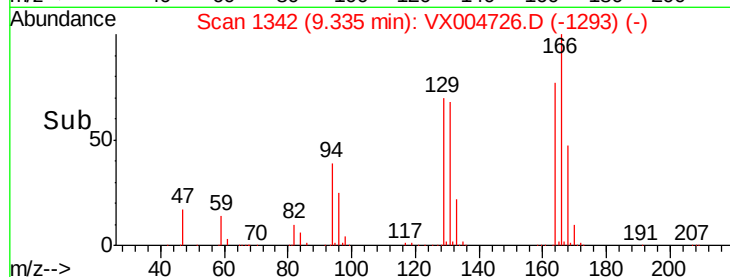
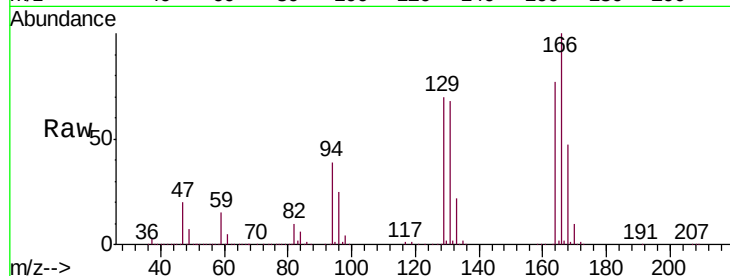
131 87.4 71.0 106.4

Manual Integrations

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#65

Chlorobenzene

Concen: 146.376 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX004726.D

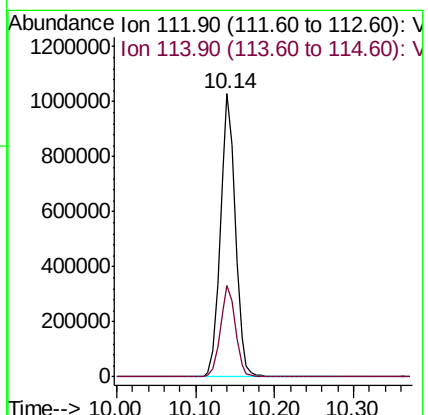
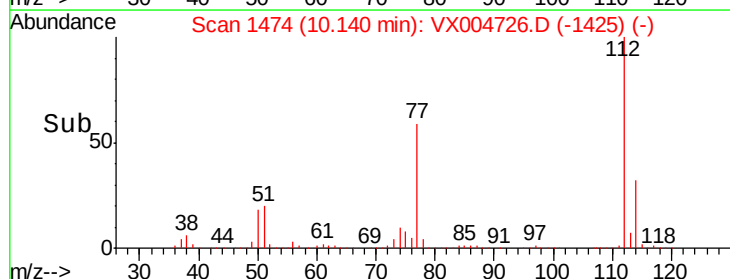
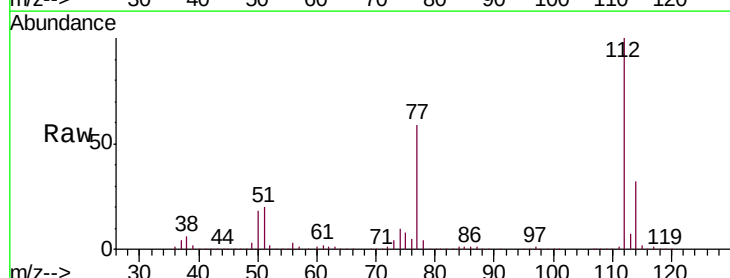
Acq: 26 Sep 2018 13:47

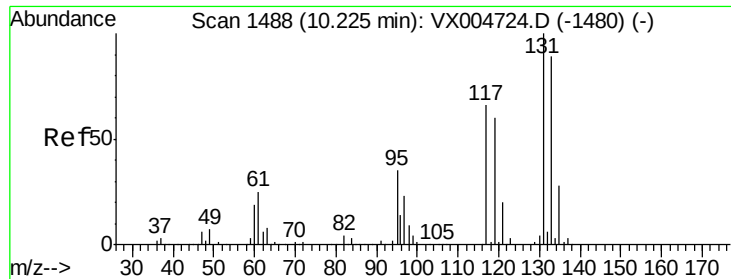
Tgt Ion:112 Resp: 1358967

Ion Ratio Lower Upper

112 100

114 32.2 26.7 40.1





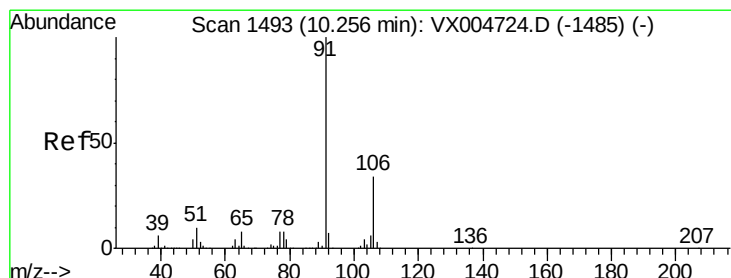
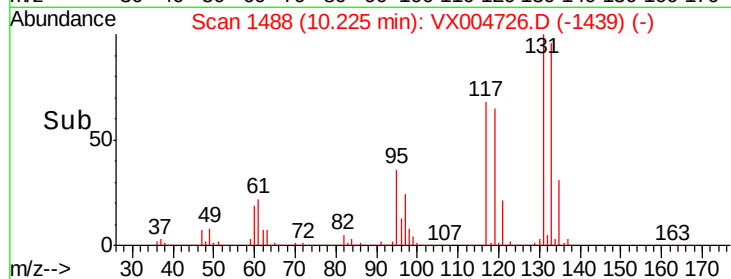
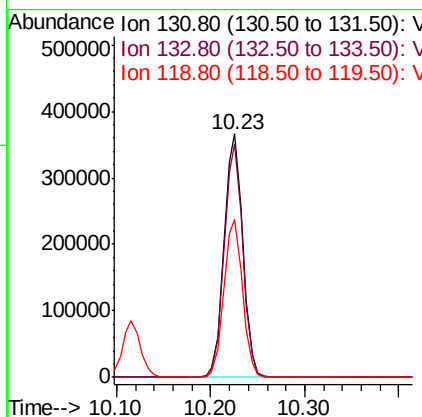
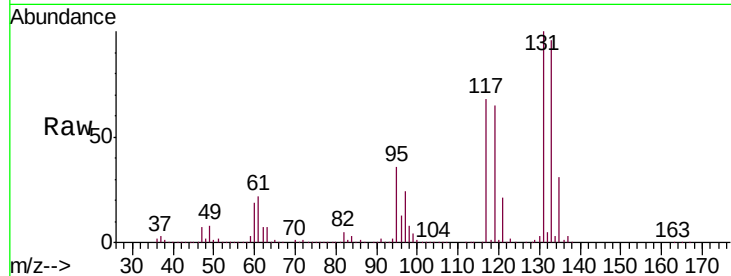
#66
 1,1,1,2-Tetrachloroethane
 Concen: 153.218 ug/l
 RT: 10.23 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	48.4	145.0
119	65.1	32.3	96.8

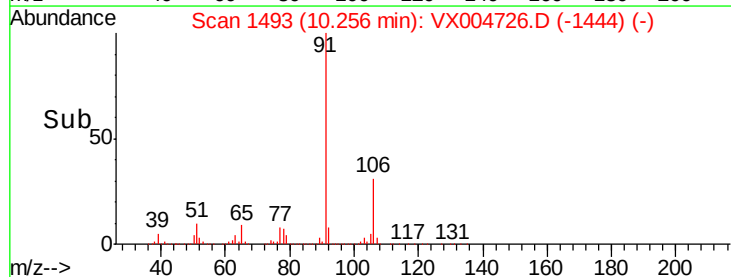
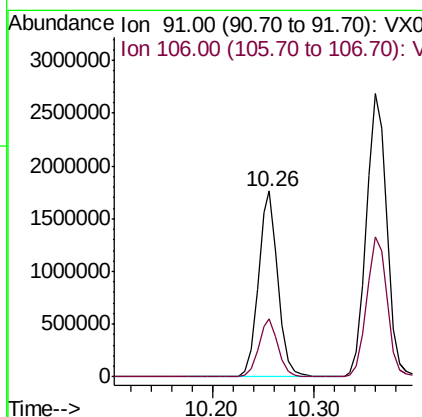
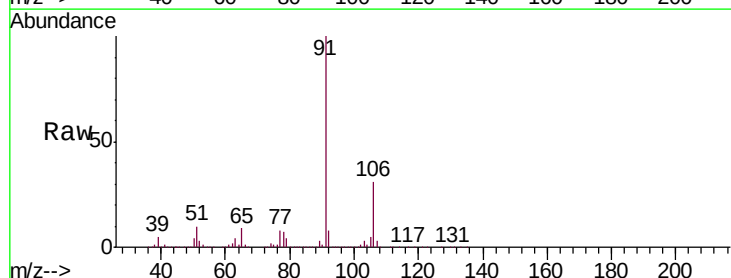
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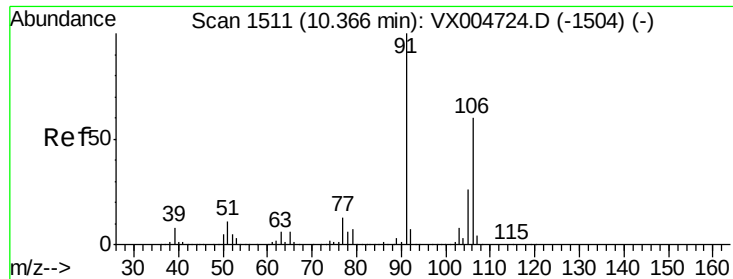
apatel
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#67
 Ethyl Benzene
 Concen: 159.370 ug/l
 RT: 10.26 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	26.9	40.3





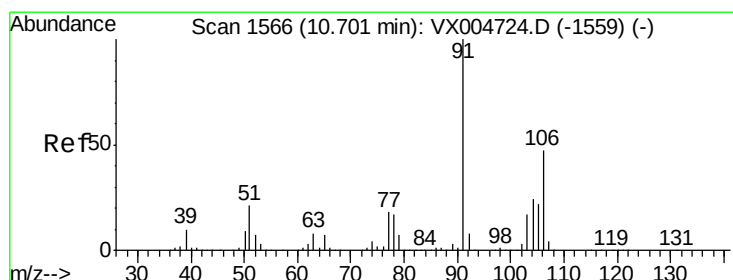
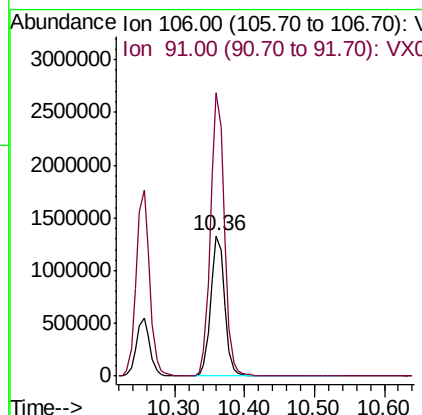
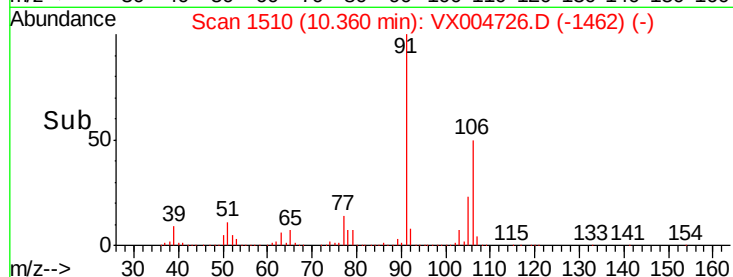
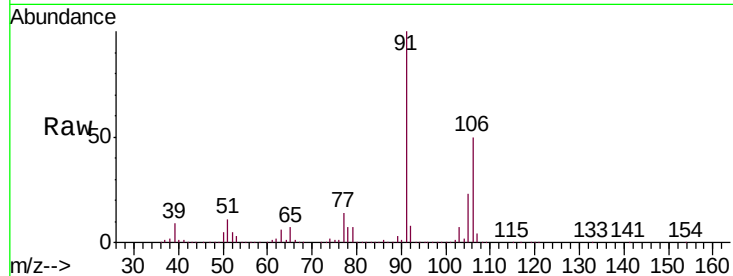
#68
m/p-Xylenes
Concen: 317.741 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 1830135
Ion Ratio Lower Upper
106 100
91 201.9 157.5 236.3

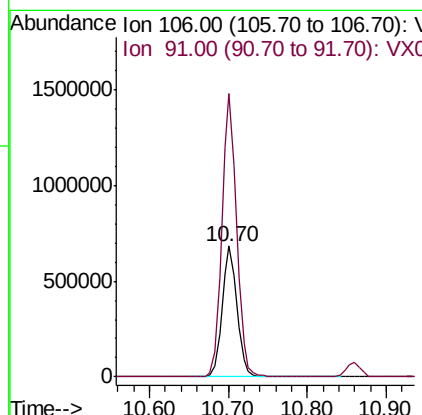
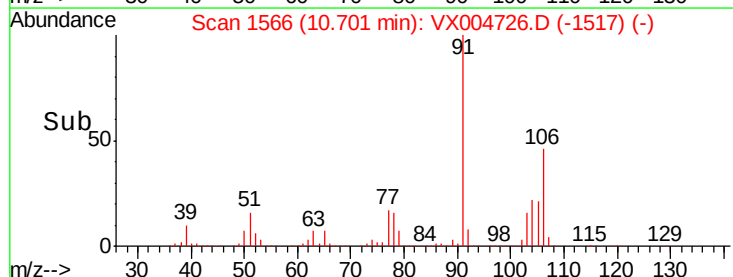
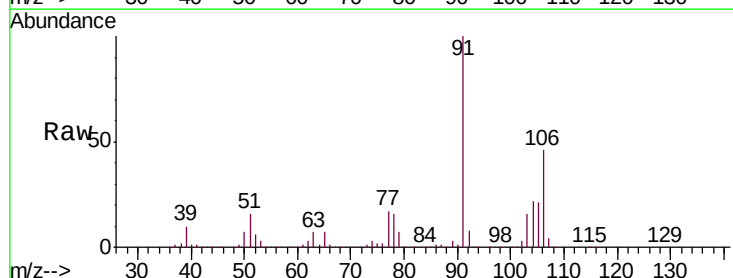
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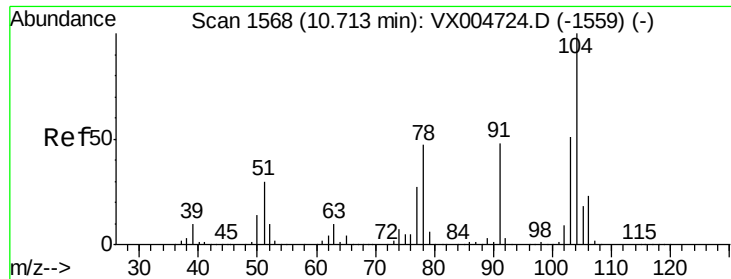
apatel
10/3/2018 8:26:45 AM



#69
o-Xylene
Concen: 169.492 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion:106 Resp: 896678
Ion Ratio Lower Upper
106 100
91 214.9 108.3 324.8





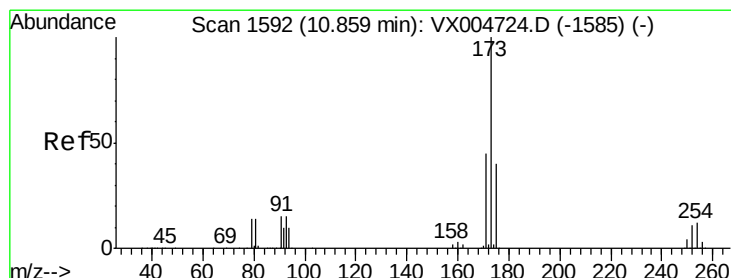
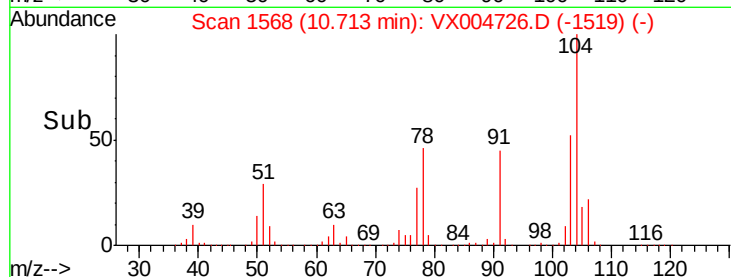
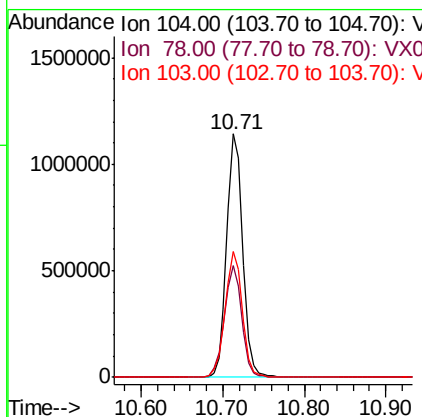
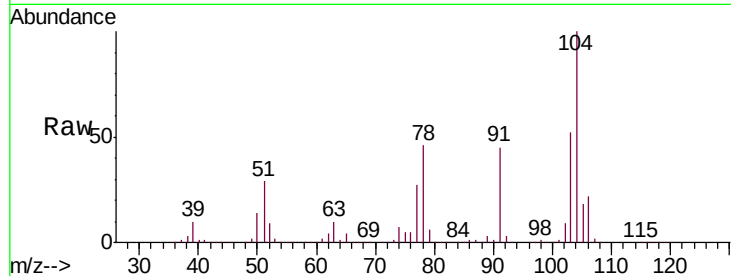
#70
Styrene
Concen: 151.481 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:104 Resp: 1543756
Ion Ratio Lower Upper
104 100
78 49.8 40.0 60.0
103 55.4 44.3 66.5

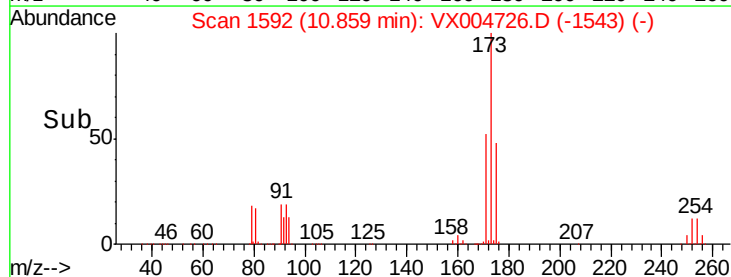
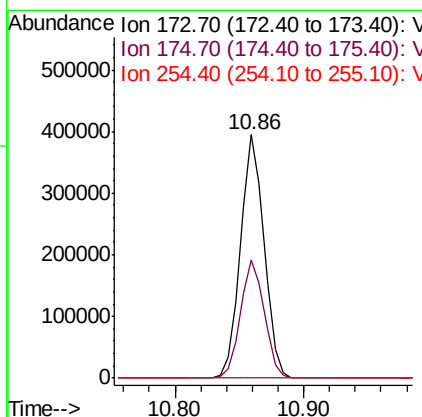
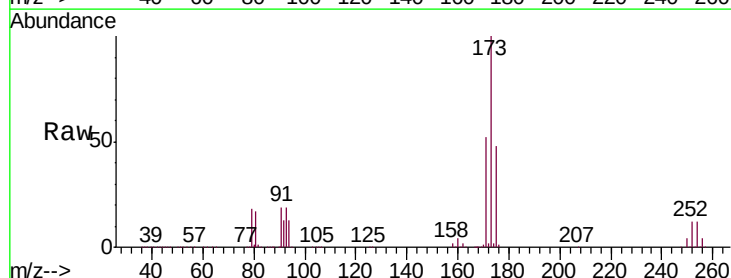
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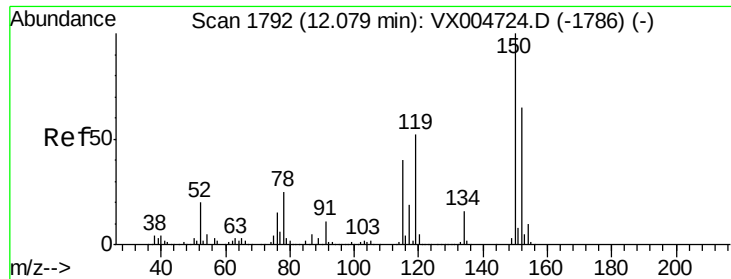
apatel
10/3/2018 8:26:45 AM



#71
Bromoform
Concen: 178.773 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion:173 Resp: 499545
Ion Ratio Lower Upper
173 100
175 48.8 23.3 69.8
254 0.2 0.2 0.2





#72

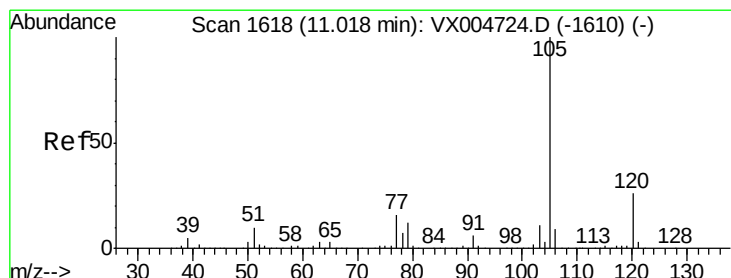
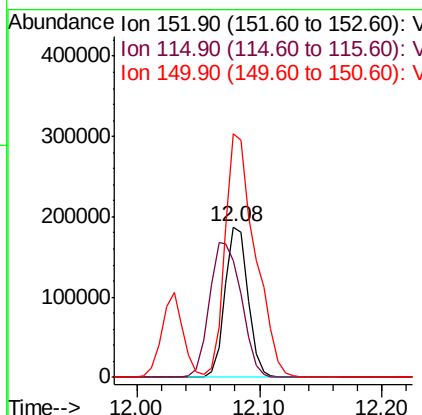
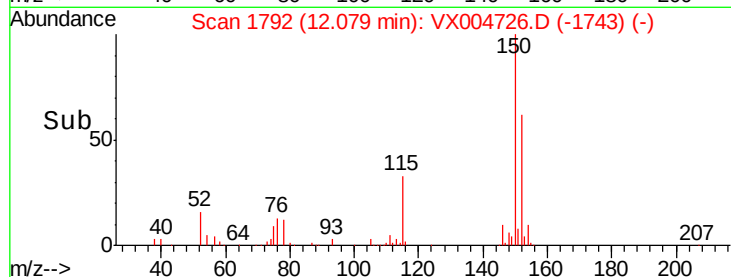
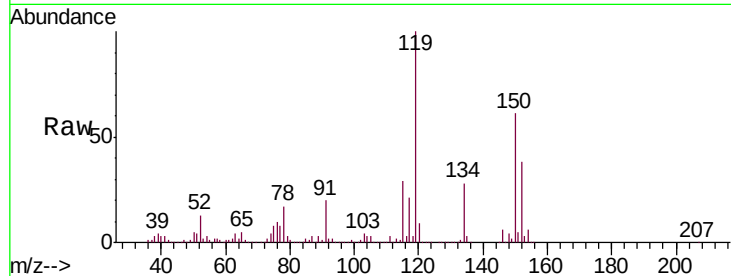
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	243861		
115	124.2	40.2	120.6	#
150	210.5	0.0	351.0	

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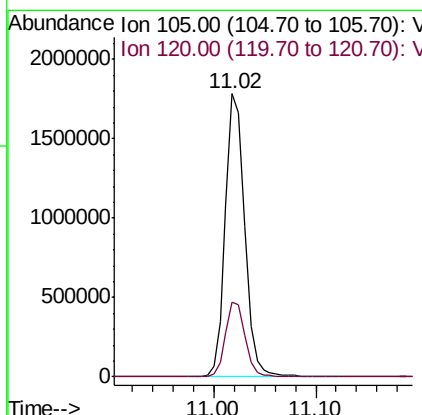
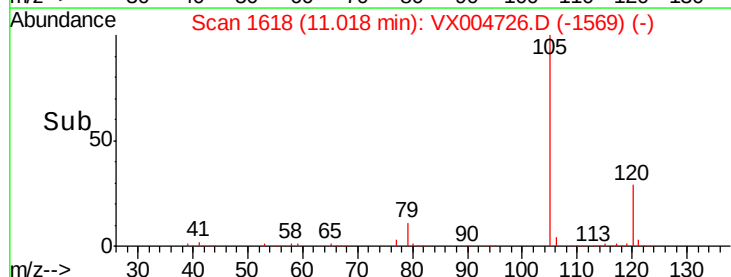
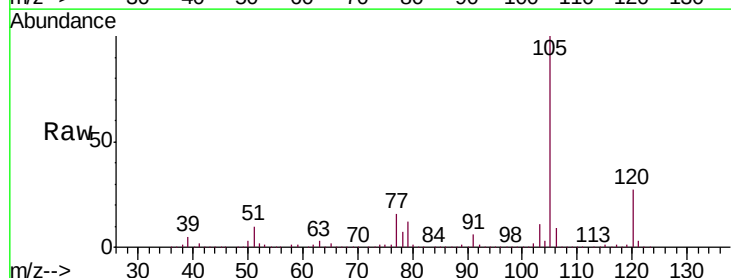
apatel
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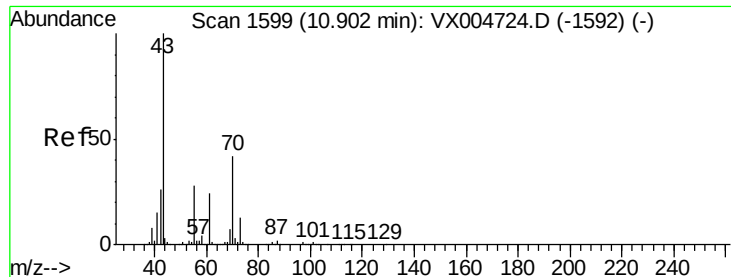


#73

Isopropylbenzene
Concen: 153.924 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	2365949		
120	26.8	13.2	39.5	





#74

N-ethyl acetate

Concen: 151.423 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 1310336

Ion Ratio Lower Upper

43 100

70 40.4 32.6 48.8

55 23.8 21.6 32.4

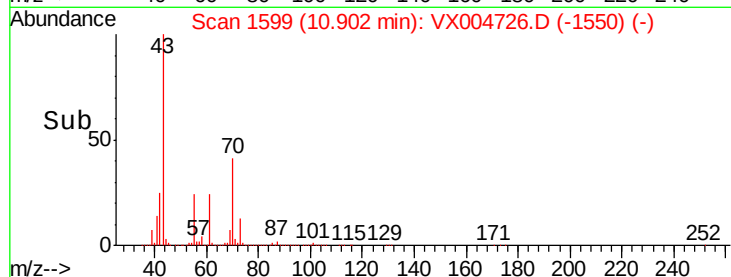
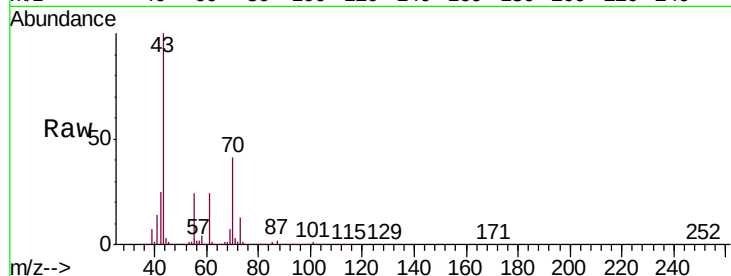
61 23.9 19.1 28.7

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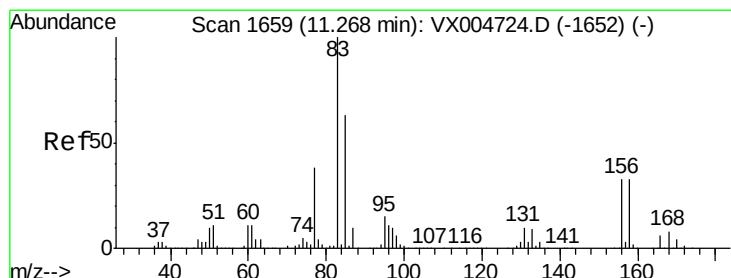
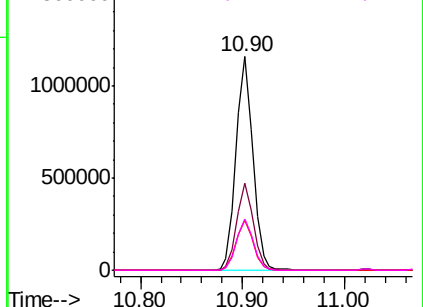


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 147.379 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

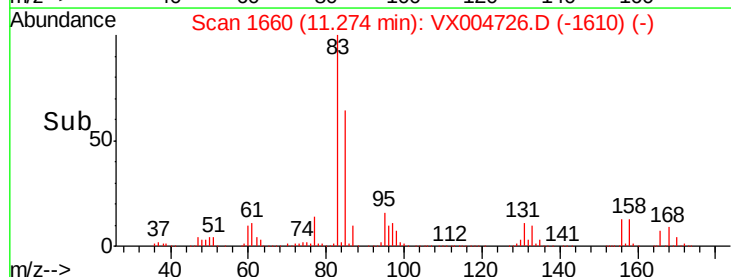
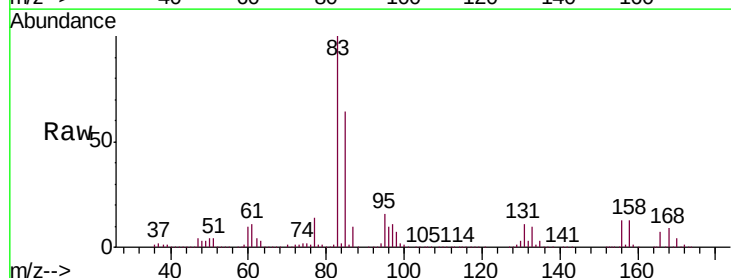
Tgt Ion: 83 Resp: 922151

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

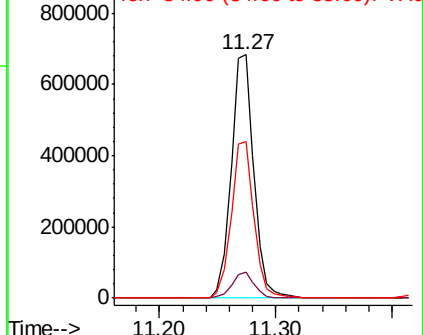
85 64.4 31.9 95.9

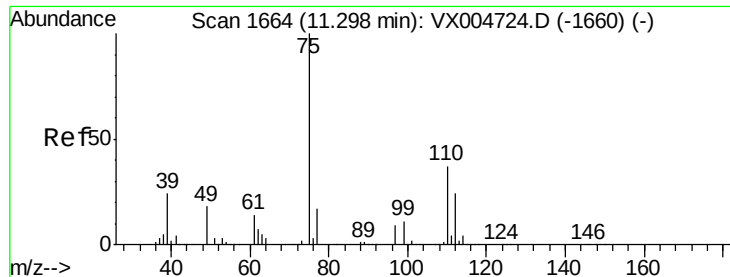


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





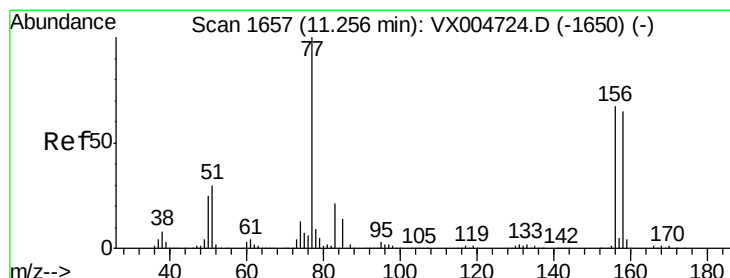
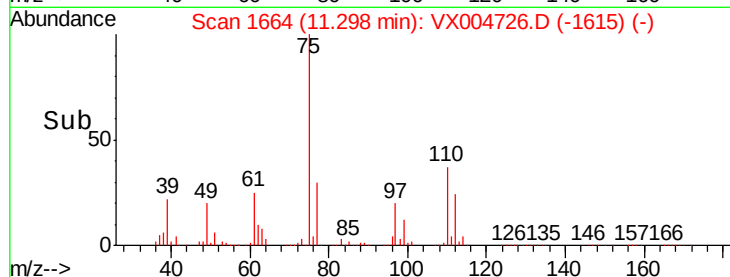
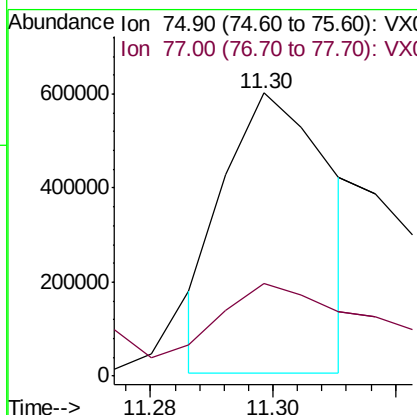
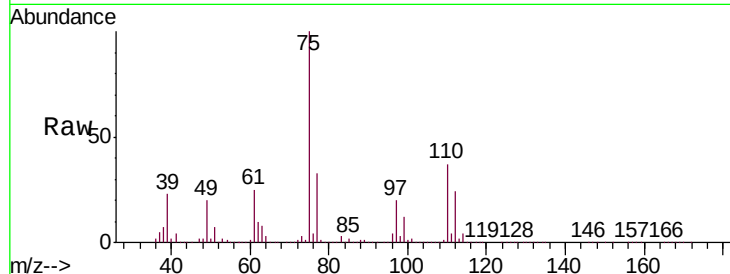
#76
 1,2,3-Trichloropropane
 Concen: 130.568 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 75 Resp: 713660
 Ion Ratio Lower Upper
 75 100
 77 50.9 21.4 64.3

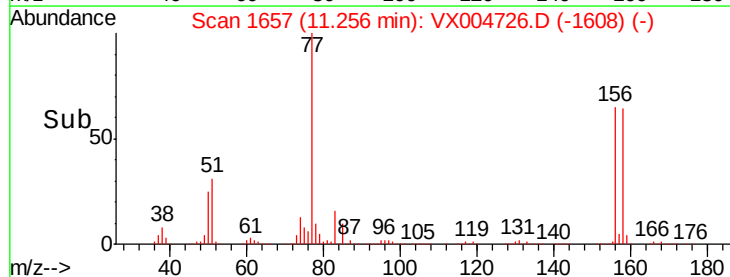
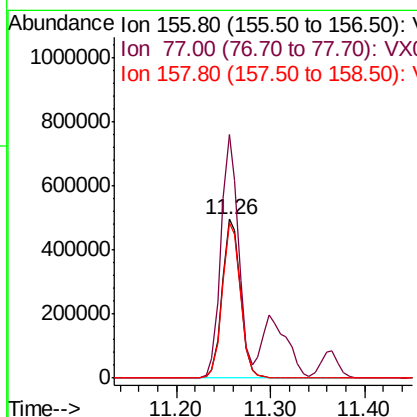
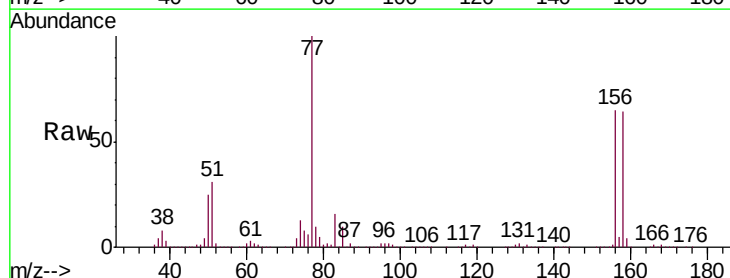
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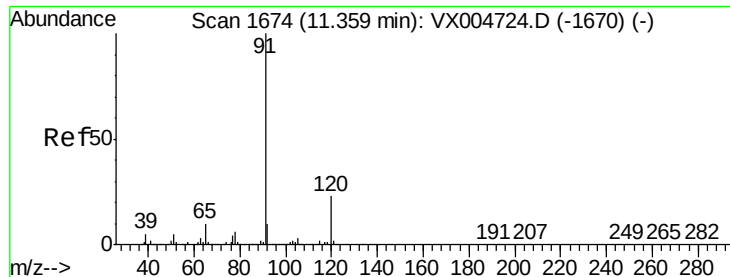
apatel
 10/3/2018 8:26:45 AM



#77
 Bromobenzene
 Concen: 148.293 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Tgt Ion: 156 Resp: 662068
 Ion Ratio Lower Upper
 156 100
 77 148.3 73.4 220.2
 158 97.1 49.1 147.4





#78

n-propylbenzene

Concen: 159.437 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tgt Ion: 91 Resp: 2811881

Ion Ratio Lower Upper

91 100

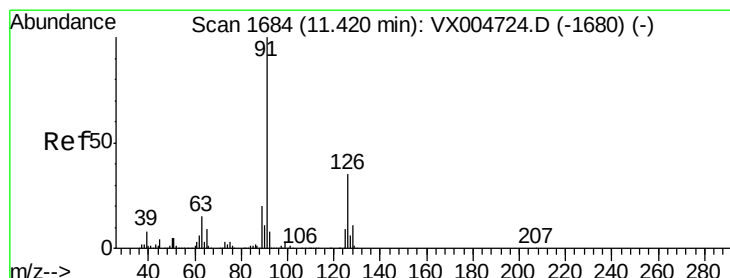
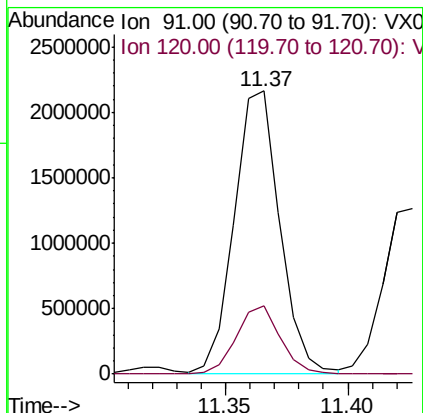
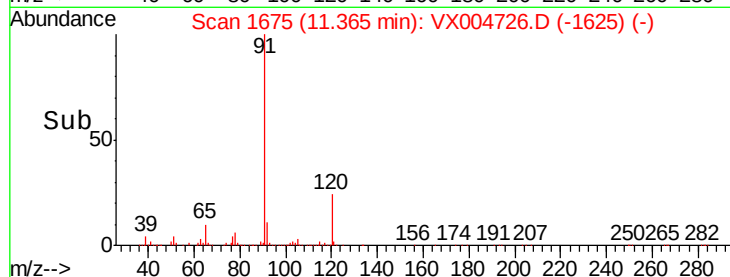
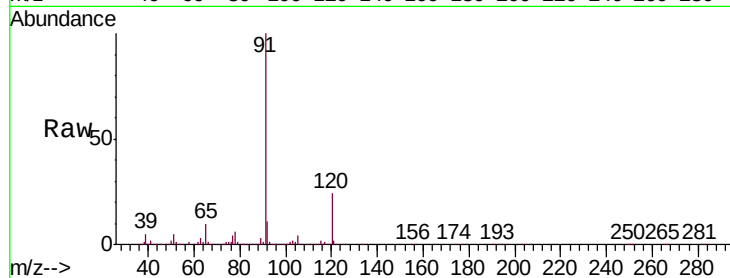
120 23.5 12.0 36.0

Manual Integrations

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#79

2-Chlorotoluene

Concen: 154.690 ug/l

RT: 11.43 min Scan# 1685

Delta R.T. 0.01 min

Lab File: VX004726.D

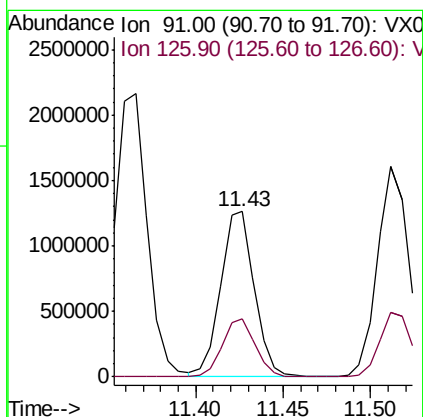
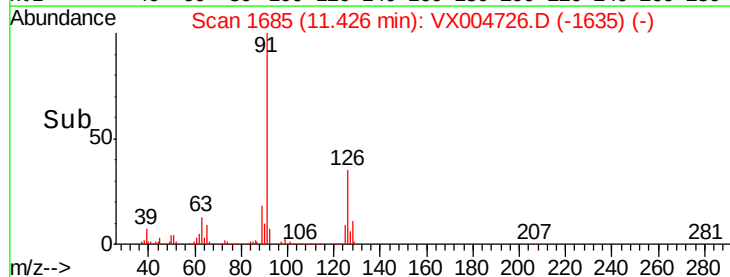
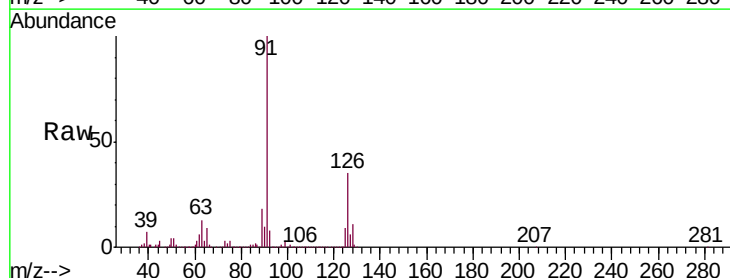
Acq: 26 Sep 2018 13:47

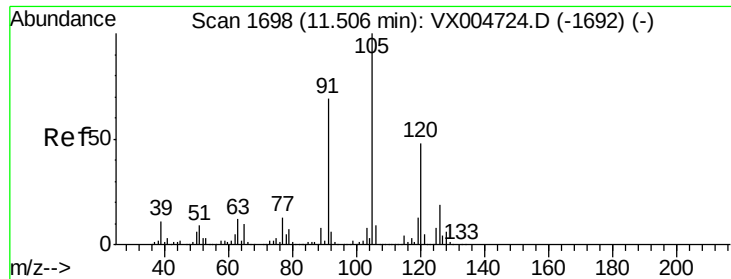
Tgt Ion: 91 Resp: 1700509

Ion Ratio Lower Upper

91 100

126 34.2 17.6 52.9





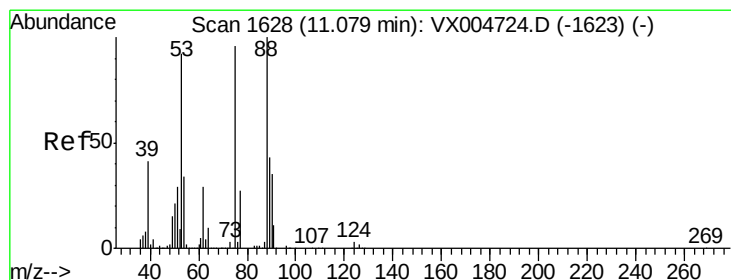
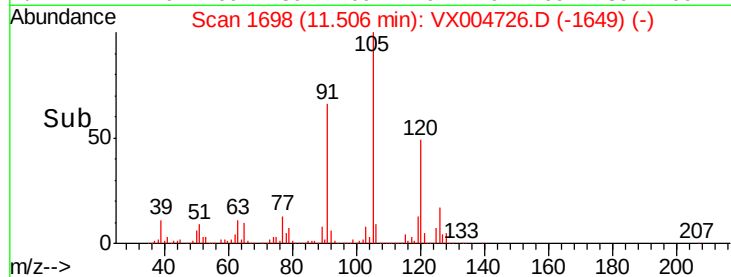
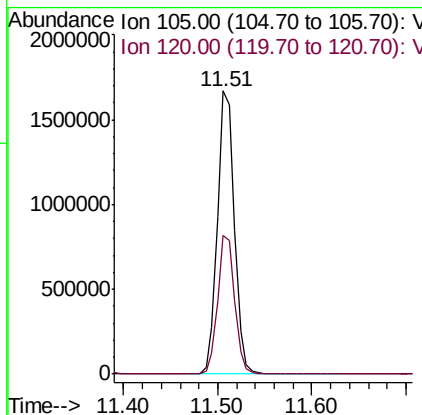
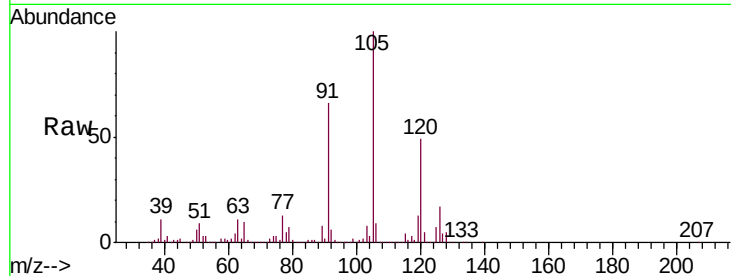
#80
 1,3,5-Trimethylbenzene
 Concen: 148.939 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 105 Resp: 2092745
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.8

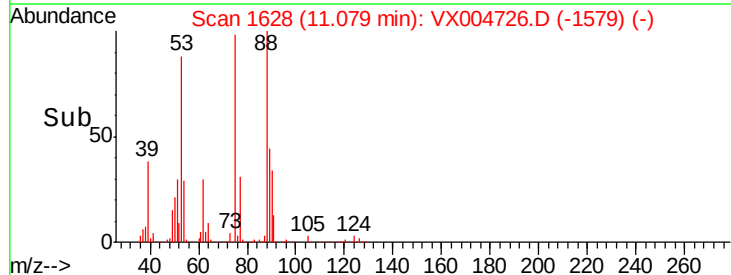
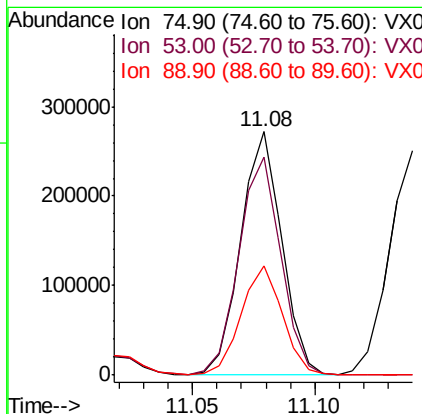
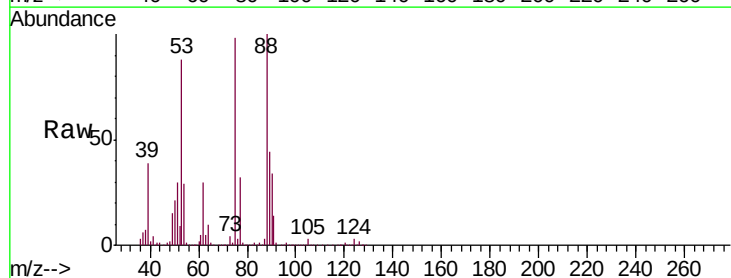
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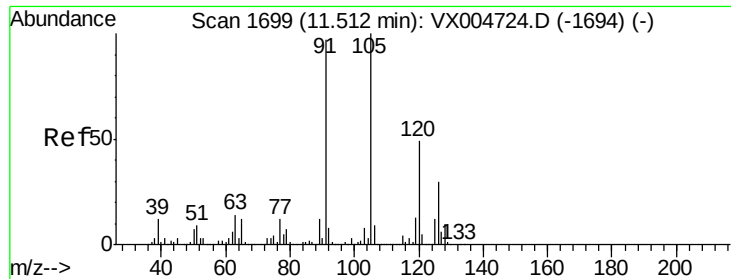
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.817 ug/l
 RT: 11.08 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Tgt Ion: 75 Resp: 314784
 Ion Ratio Lower Upper
 75 100
 53 92.2 80.2 120.4
 89 45.5 37.1 55.7





#82

4-Chlorotoluene

Concen: 156.286 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 2022225

Ion Ratio Lower Upper

91 100

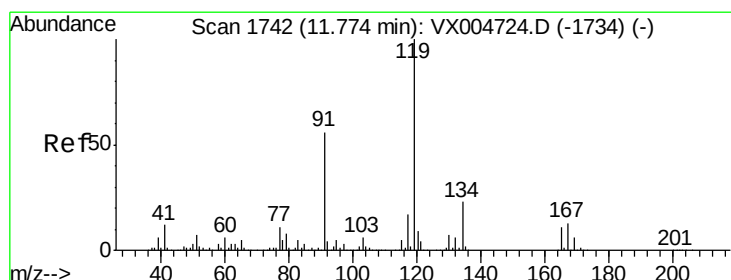
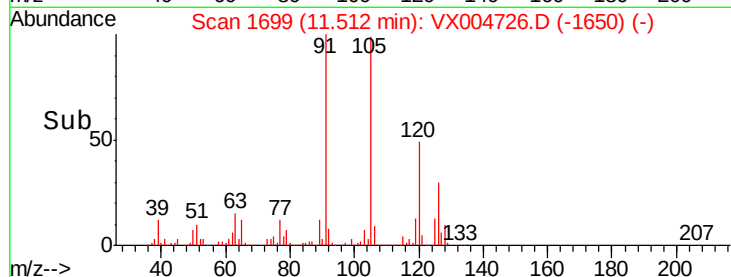
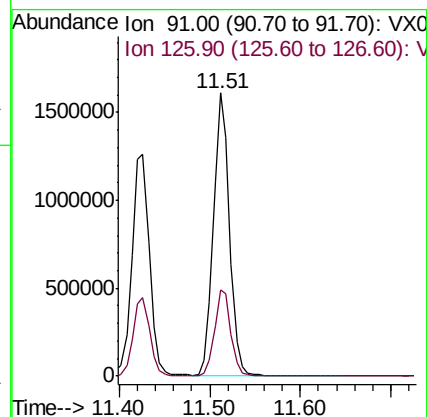
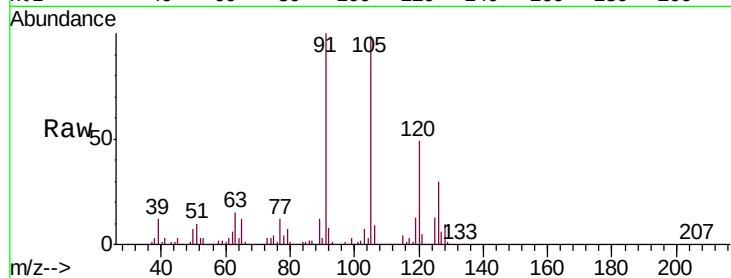
126 30.9 15.5 46.5

Manual Integrations

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#83

tert-Butylbenzene

Concen: 164.024 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX004726.D

Acq: 26 Sep 2018 13:47

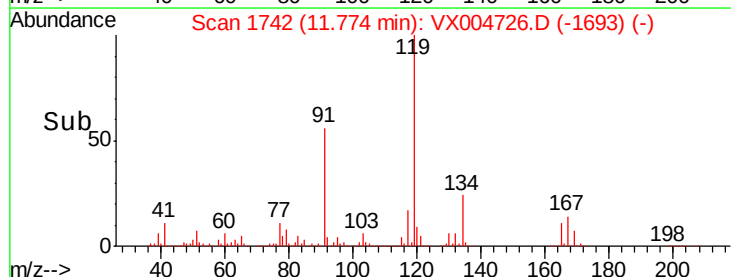
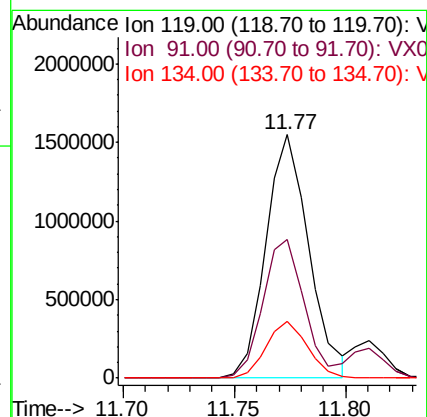
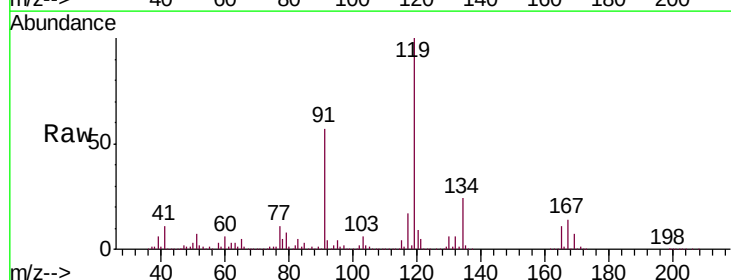
Tgt Ion: 119 Resp: 2075784

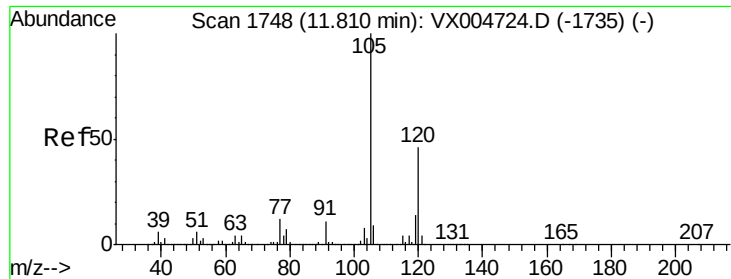
Ion Ratio Lower Upper

119 100

91 54.4 27.5 82.5

134 22.8 11.5 34.4





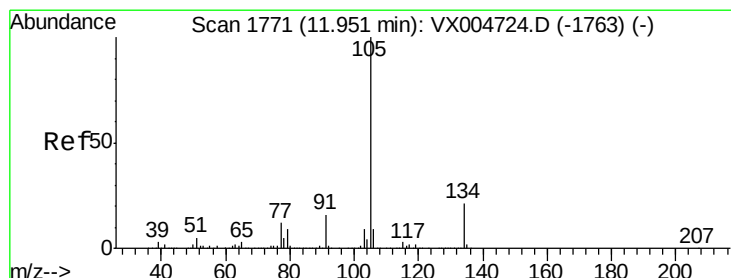
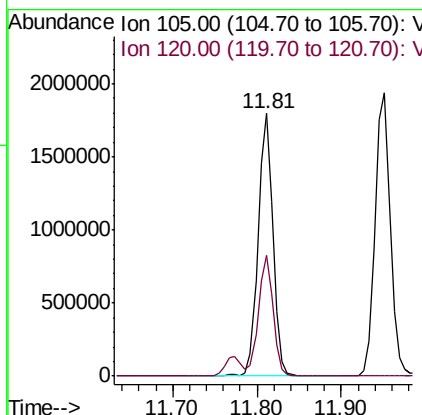
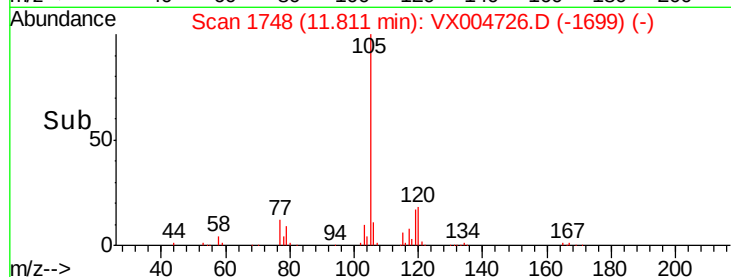
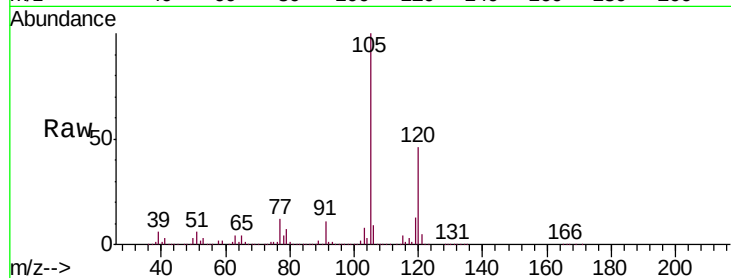
#84
 1,2,4-Trimethylbenzene
 Concen: 148.800 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 2156172
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.3

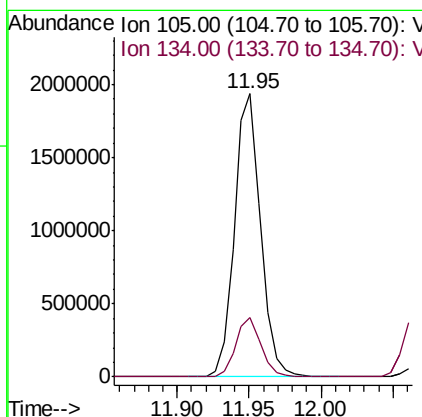
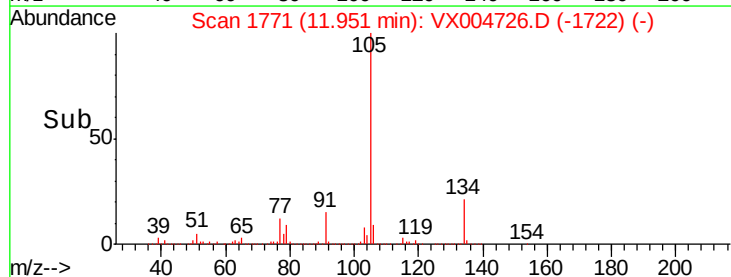
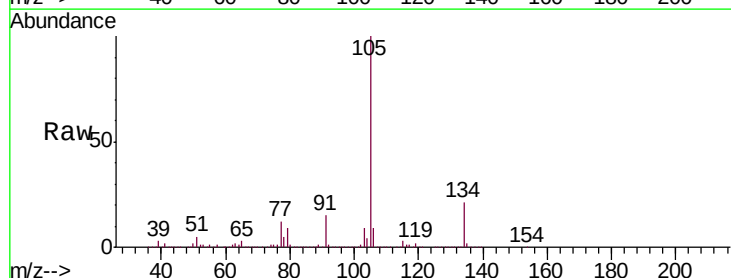
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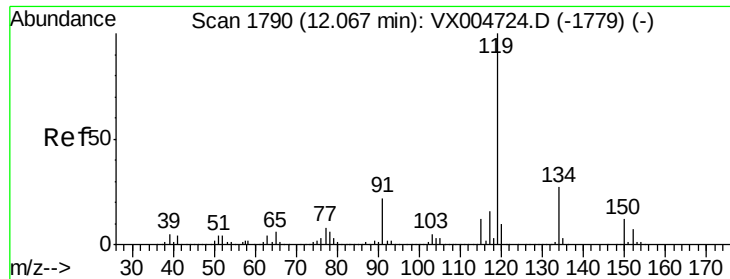
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#85
 sec-Butylbenzene
 Concen: 158.548 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Tgt Ion:105 Resp: 2443969
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4





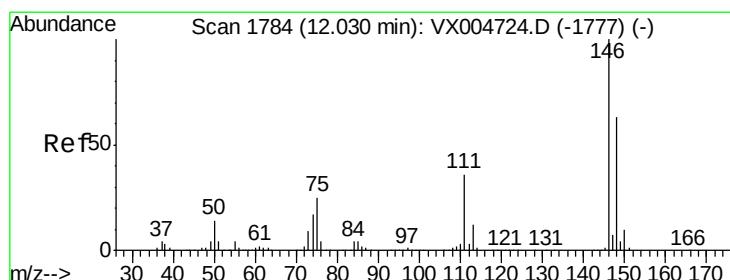
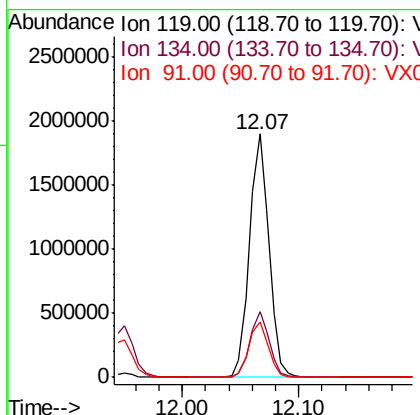
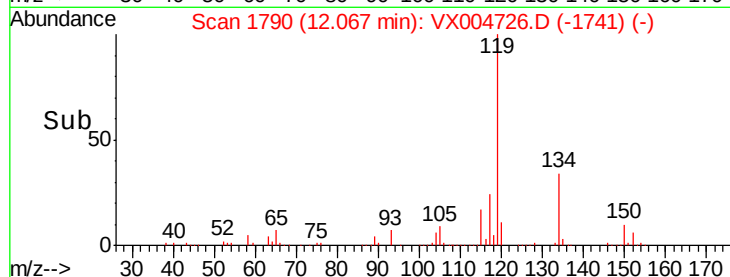
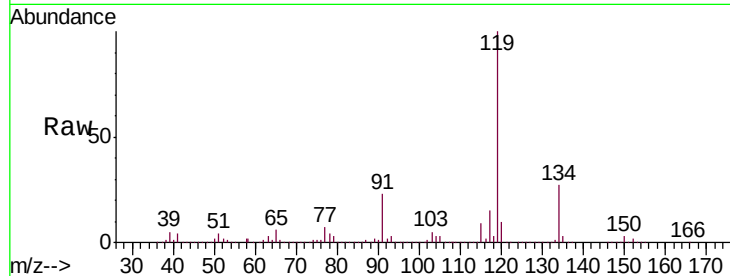
#86
p-Isopropyltoluene
Concen: 160.042 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 2235098
Ion Ratio Lower Upper
119 100
134 26.7 13.4 40.1
91 22.9 11.5 34.4

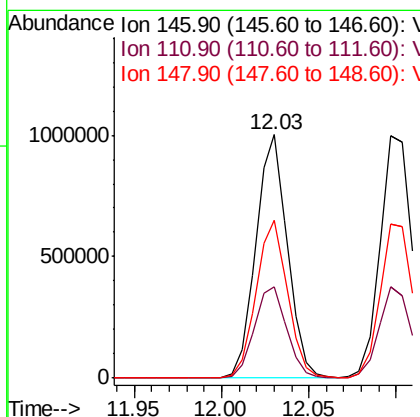
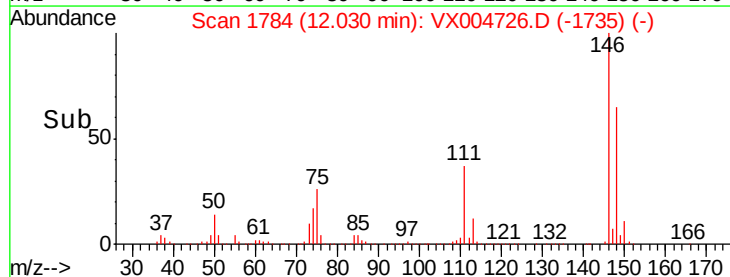
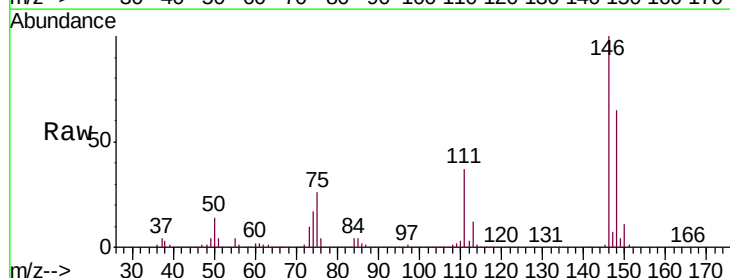
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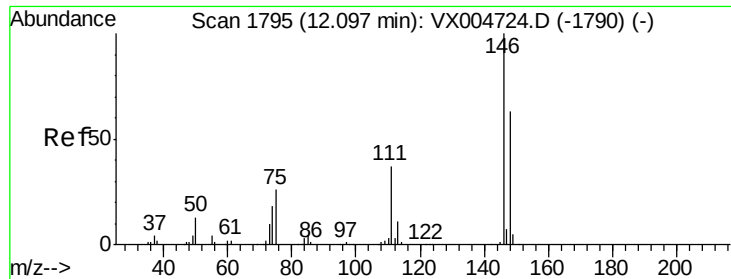
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#87
1,3-Dichlorobenzene
Concen: 150.388 ug/l
RT: 12.03 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion:146 Resp: 1253741
Ion Ratio Lower Upper
146 100
111 38.4 18.9 56.9
148 64.5 31.8 95.3





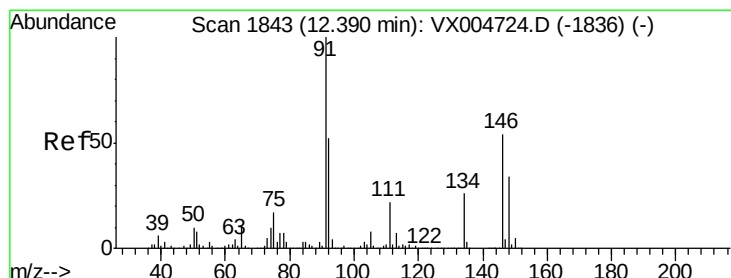
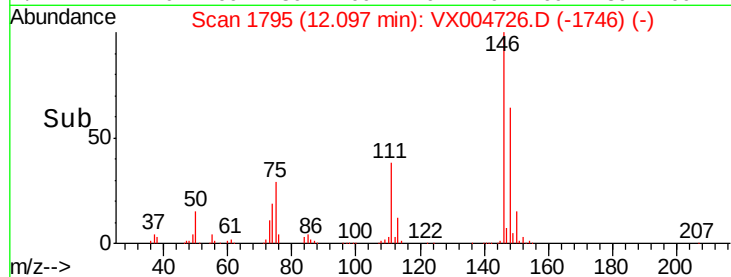
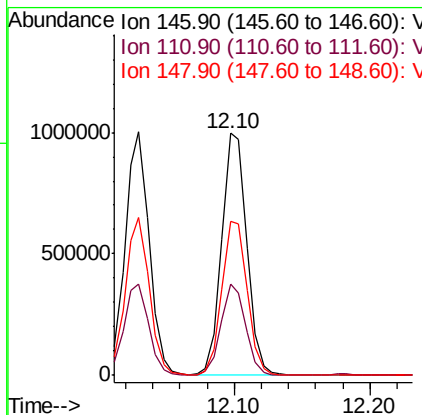
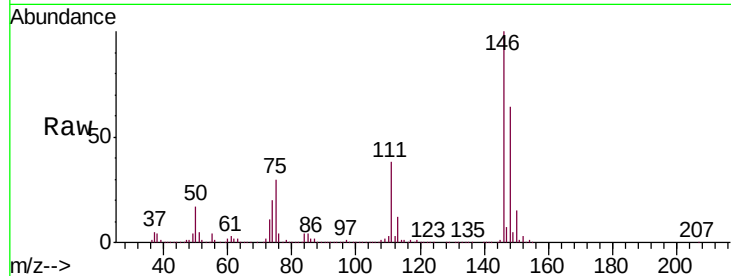
#88
 1,4-Dichlorobenzene
 Concen: 148.375 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.2
148	64.3	32.0	96.0

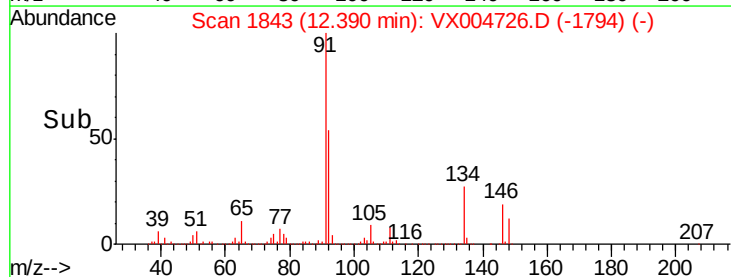
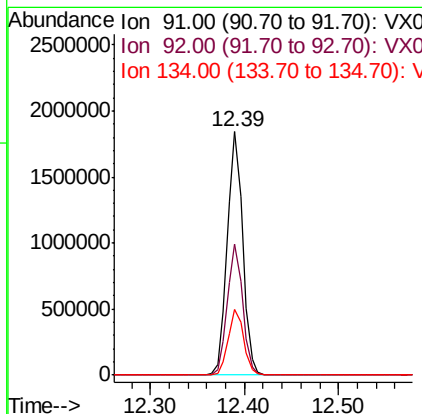
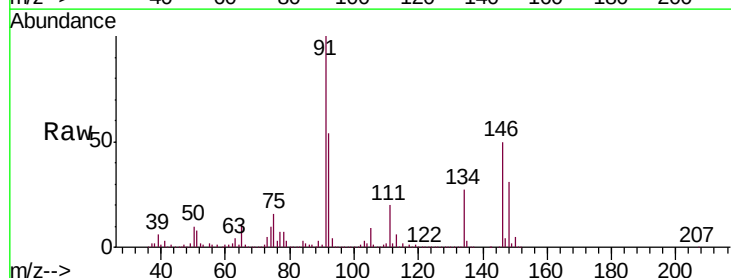
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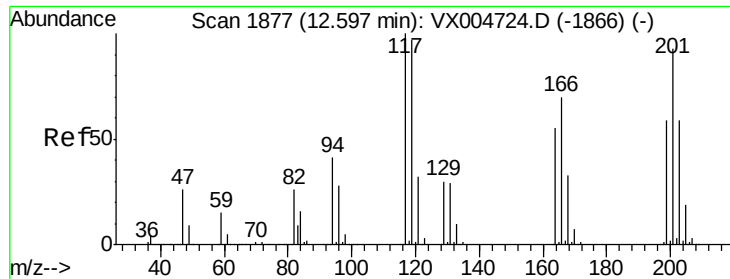
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#89
 n-Butylbenzene
 Concen: 165.480 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.0	78.0
134	27.0	13.2	39.6





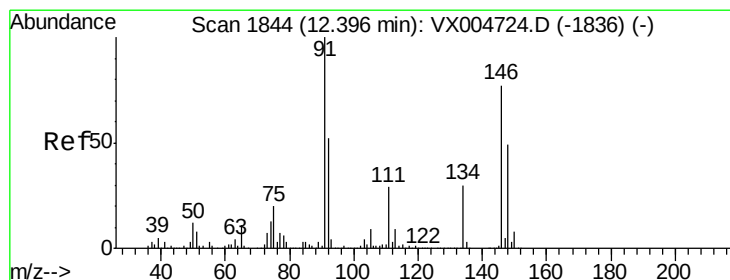
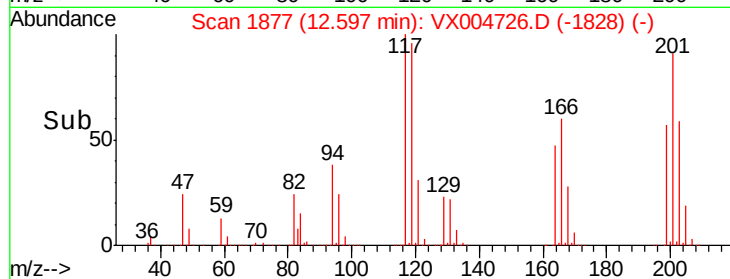
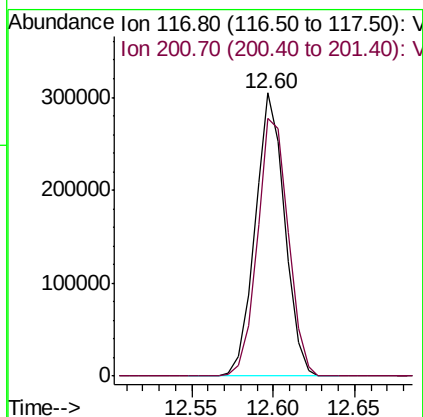
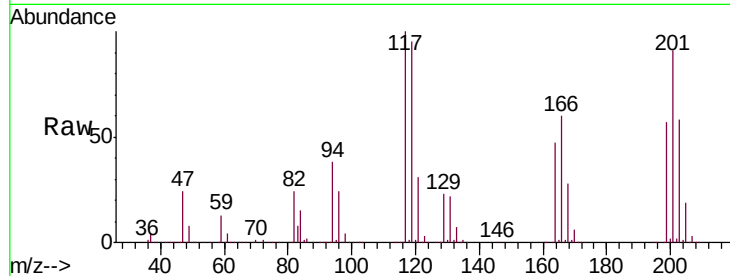
#90
Hexachloroethane
Concen: 164.114 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 381609
Ion Ratio Lower Upper
117 100
201 95.2 48.4 145.0

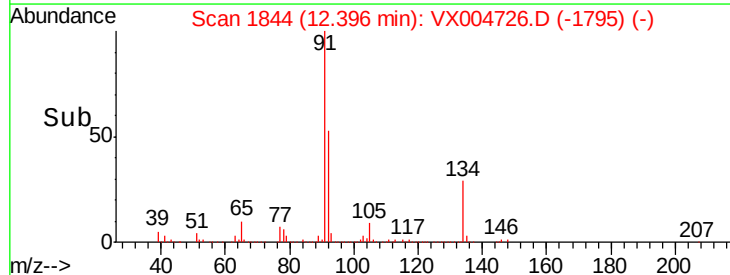
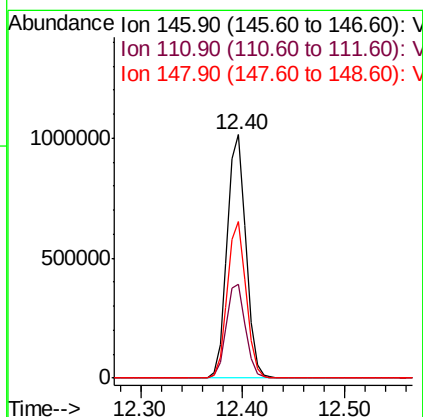
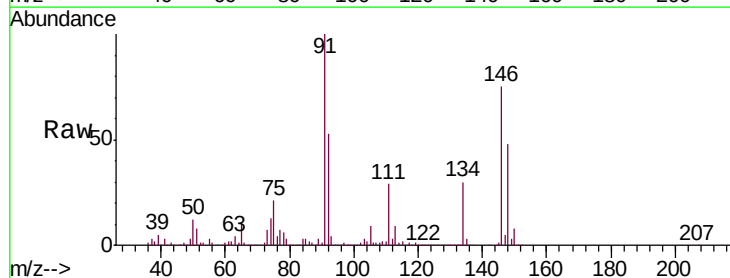
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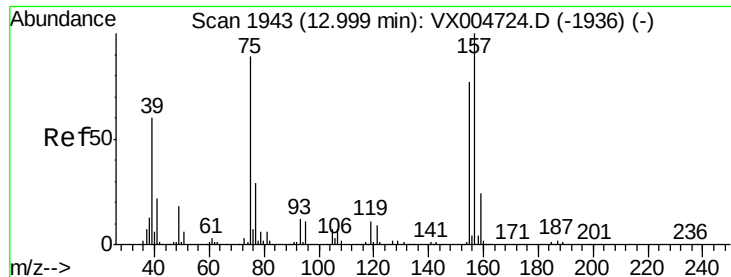
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#91
1,2-Dichlorobenzene
Concen: 147.713 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion:146 Resp: 1286901
Ion Ratio Lower Upper
146 100
111 39.2 19.6 58.7
148 63.9 31.8 95.4





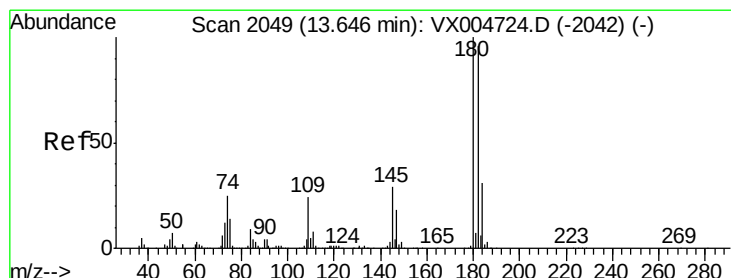
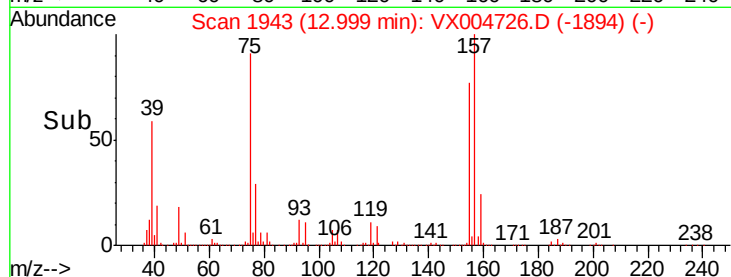
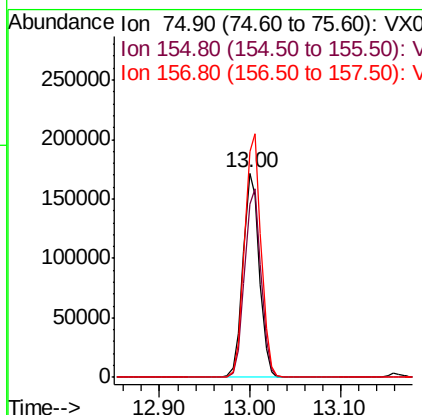
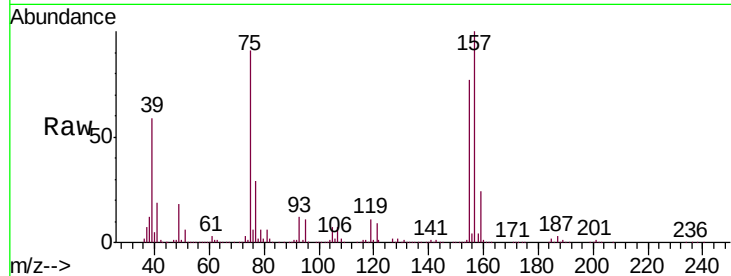
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 155.839 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.3	46.1	138.3
157	120.0	60.2	180.6

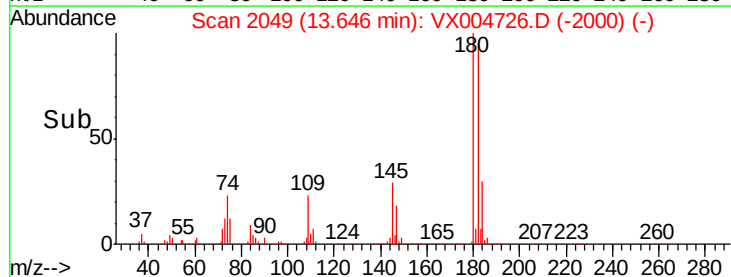
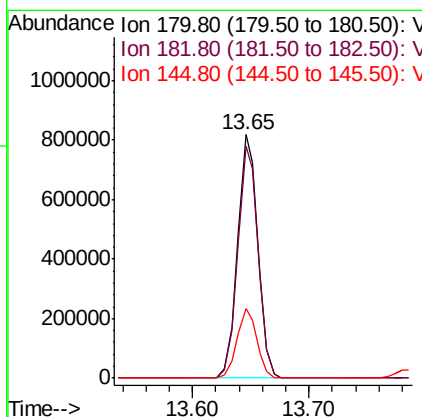
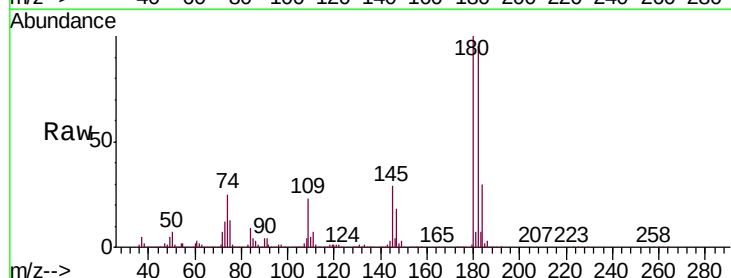
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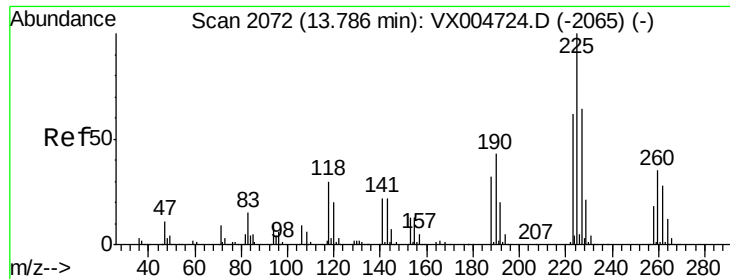
apatel
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#93
 1,2,4-Trichlorobenzene
 Concen: 161.492 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.4
145	28.2	14.1	42.4





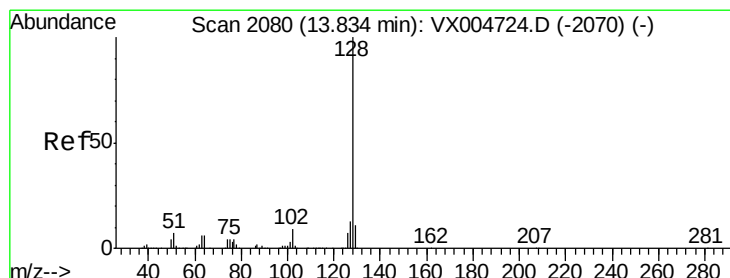
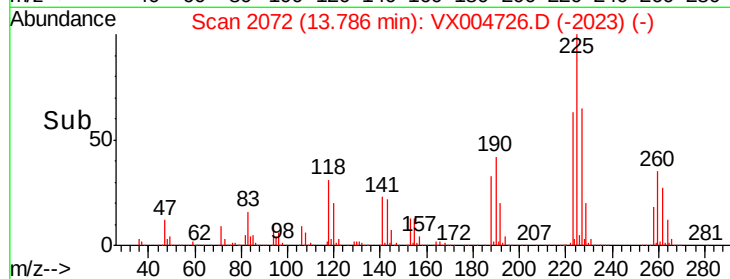
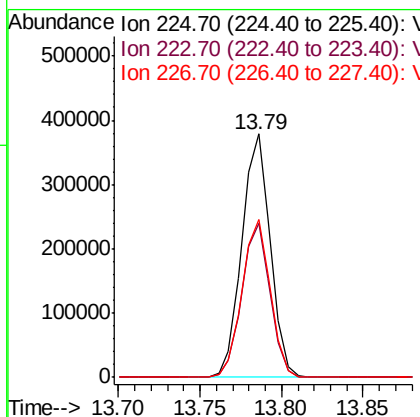
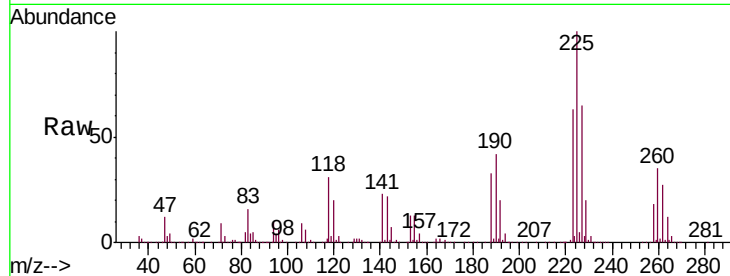
#94
Hexachlorobutadiene
Concen: 145.202 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	460162		
223	62.7	31.3	93.8	
227	64.6	31.9	95.5	

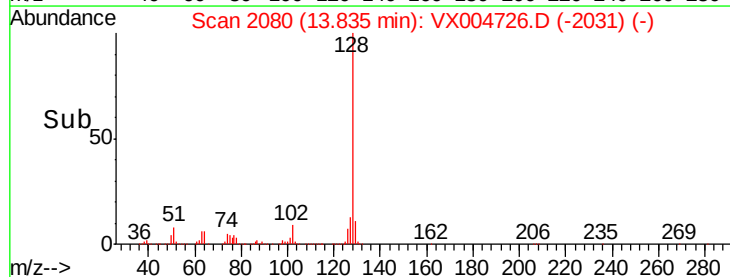
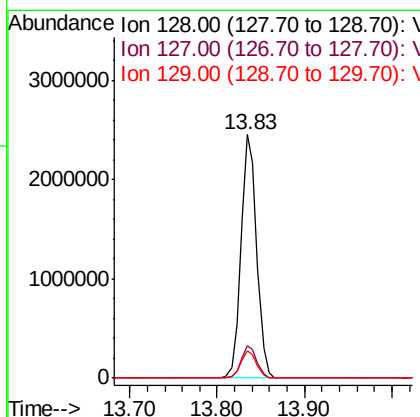
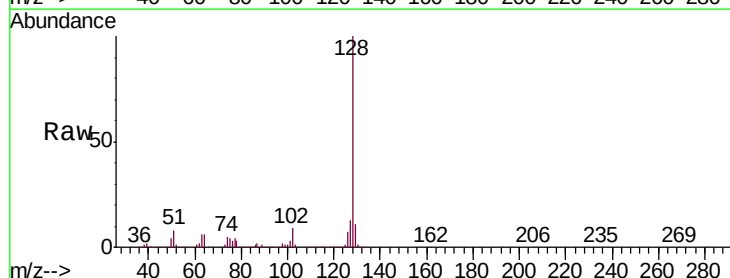
Manual Integrations
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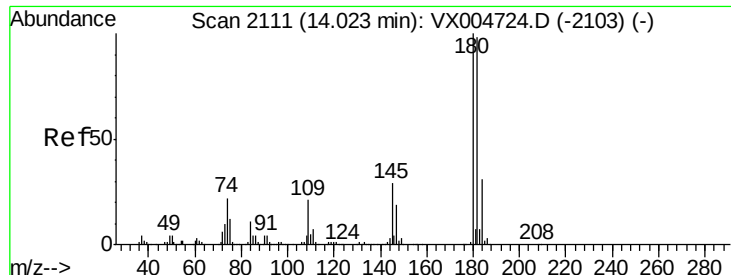
apatel
10/3/2018 8:26:45 AM



#95
Naphthalene
Concen: 149.169 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004726.D
Acq: 26 Sep 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	3055165		
127	13.1	10.4	15.6	
129	11.1	8.7	13.1	





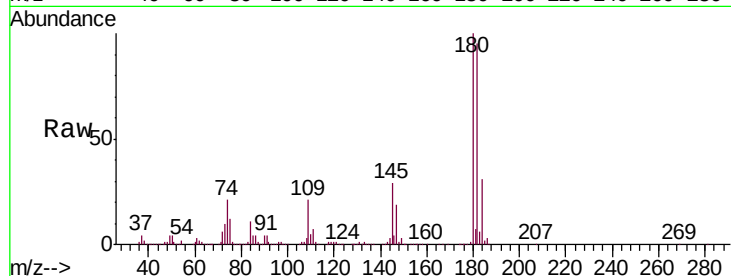
#96
 1,2,3-Trichlorobenzene
 Concen: 156.216 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: VX004726.D
 Acq: 26 Sep 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:	180	Resp:	986226
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.9	143.8
145	29.9	15.0	45.0

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

