

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005874.D
 Acq On : 09 Nov 2018 21:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:11:58 AM

Quant Time: Nov 12 01:17:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	106403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	149836	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	125541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	71288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	61834	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	5.50	113	50355	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.71	98	167316	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.14	95	63041	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48431	50.483	ug/l	91
3) Chloromethane	1.32	50	65134	51.734	ug/l	99
4) Vinyl Chloride	1.40	62	61713	48.826	ug/l	94
5) Bromomethane	1.64	94	34445	44.533	ug/l	98
6) Chloroethane	1.71	64	37333	49.503	ug/l	96
7) Trichlorofluoromethane	1.92	101	86089	51.313	ug/l	99
8) Diethyl Ether	2.19	74	34647	52.703	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	46586	48.280	ug/l	97
10) Methyl Iodide	2.51	142	60162	51.445	ug/l	99
11) Tert butyl alcohol	3.07	59	88860	253.584	ug/l	99
12) 1,1-Dichloroethene	2.37	96	47207	50.194	ug/l #	86
13) Acrolein	2.29	56	33542	204.527	ug/l	97
14) Allyl chloride	2.73	41	106174	50.547	ug/l	100
15) Acrylonitrile	3.15	53	193285	266.161	ug/l	99
16) Acetone	2.44	43	172793	262.355	ug/l	91
17) Carbon Disulfide	2.57	76	138753	49.461	ug/l	99
18) Methyl Acetate	2.78	43	100773	57.311	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	171077	53.296	ug/l	95
20) Methylene Chloride	2.85	84	53733	49.666	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	51404	51.820	ug/l	97
22) Diisopropyl ether	3.87	45	190690	51.824	ug/l #	93
23) Vinyl Acetate	3.82	43	874480	277.179	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100600	51.245	ug/l	97
25) 2-Butanone	4.70	43	283152	273.455	ug/l	98
26) 2,2-Dichloropropane	4.58	77	71618	49.733	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	56140	51.254	ug/l	98
28) Bromochloromethane	5.01	49	50470	57.525	ug/l	100
29) Tetrahydrofuran	5.15	42	184188	277.039	ug/l	98
30) Chloroform	5.21	83	97290	51.368	ug/l	100
31) Cyclohexane	5.57	56	86286	50.635	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	83066	52.581	ug/l	99
36) 1,1-Dichloropropene	5.80	75	69410	48.053	ug/l	99
37) Ethyl Acetate	4.85	43	96698	50.907	ug/l	99
38) Carbon Tetrachloride	5.79	117	75597	52.278	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82287	56.207	ug/l	93
40) Benzene	6.14	78	225658	53.589	ug/l	97
41) Methacrylonitrile	5.06	41	54136	52.745	ug/l	99
42) 1,2-Dichloroethane	6.20	62	78867	52.291	ug/l	100
43) Isopropyl Acetate	6.46	43	140884	51.186	ug/l	97
44) Trichloroethene	7.21	130	55013	51.444	ug/l	94
45) 1,2-Dichloropropane	7.52	63	58665	57.399	ug/l	97
46) Dibromomethane	7.66	93	33037	51.511	ug/l	97
47) Bromodichloromethane	7.90	83	72348	59.690	ug/l #	87
48) Methyl methacrylate	7.77	41	68169	55.158	ug/l	98
49) 1,4-Dioxane	7.75	88	29314	1100.737	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	457161	263.545	ug/l	99
52) Toluene	8.79	92	116860	49.655	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	71693	50.122	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	76856	52.717	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	48821	46.547	ug/l	98
56) Ethyl methacrylate	9.18	69	76909	49.007	ug/l	99
57) 1,3-Dichloropropane	9.37	76	82706	46.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	227666	265.690	ug/l	97
59) 2-Hexanone	9.49	43	361916	236.697	ug/l	100
60) Dibromochloromethane	9.59	129	53073	46.820	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50896	43.883	ug/l	99
64) Tetrachloroethene	9.34	164	54613	51.095	ug/l	99
65) Chlorobenzene	10.14	112	130811	52.013	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	49519	56.635	ug/l	100
67) Ethyl Benzene	10.25	91	228957	56.773	ug/l	100
68) m/p-Xylenes	10.36	106	176830	114.953	ug/l	99
69) o-Xylene	10.70	106	84902	61.551	ug/l	99
70) Styrene	10.71	104	143312	62.981	ug/l	99
71) Bromoform	10.86	173	43942	59.951	ug/l #	99
73) Isopropylbenzene	11.02	105	233126	56.550	ug/l	100
74) N-amyl acetate	10.90	43	118325	51.125	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	79592	52.600	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	79020m	54.437	ug/l	
77) Bromobenzene	11.26	156	61876	53.251	ug/l	99
78) n-propylbenzene	11.36	91	271977	55.980	ug/l	99
79) 2-Chlorotoluene	11.42	91	161822	55.104	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	199588	56.972	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	24913	54.700	ug/l	97
82) 4-Chlorotoluene	11.51	91	191830	55.427	ug/l	100
83) tert-Butylbenzene	11.77	119	194751	54.950	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	206247	53.355	ug/l	99
85) sec-Butylbenzene	11.94	105	238242	54.970	ug/l	99
86) p-Isopropyltoluene	12.07	119	215309	56.085	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	114640	51.408	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	116304	50.947	ug/l	100
89) n-Butylbenzene	12.39	91	189579	53.283	ug/l	100
90) Hexachloroethane	12.60	117	35554	55.472	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	116089	51.966	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21084	57.100	ug/l	100

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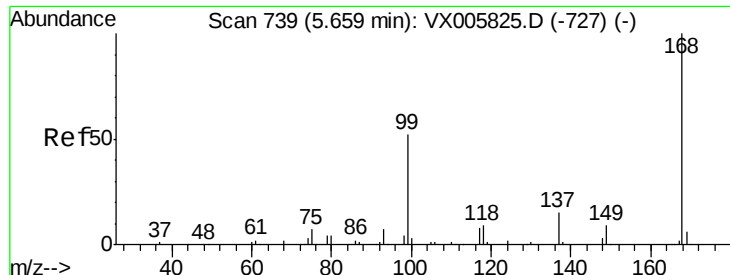
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85313	54.248	ug/l	100
94) Hexachlorobutadiene	13.78	225	42020	50.866	ug/l	99
95) Naphthalene	13.83	128	268419	52.281	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	88532	55.257	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005874.D

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Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 106403

Ion Ratio Lower Upper

168 100

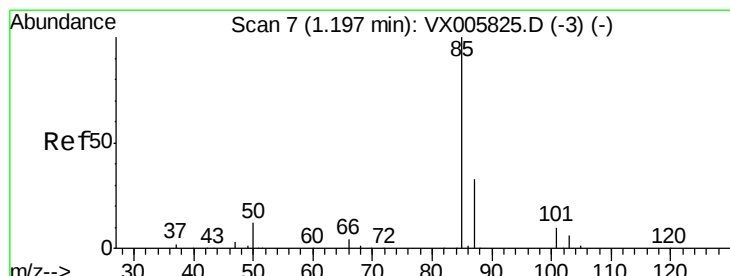
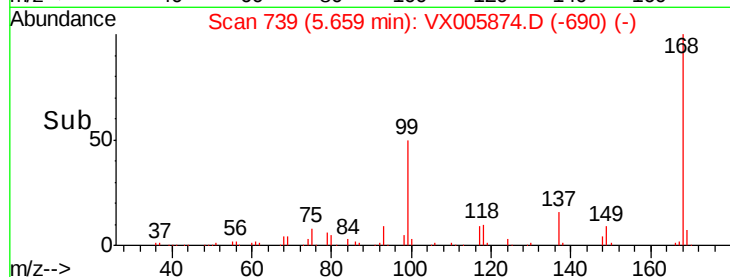
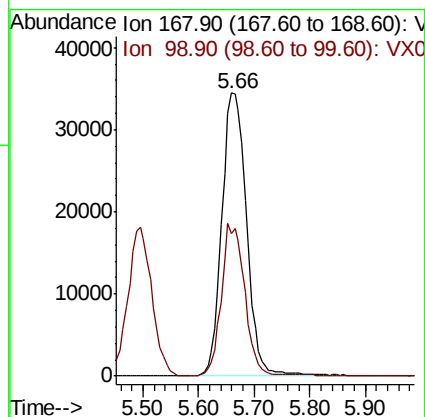
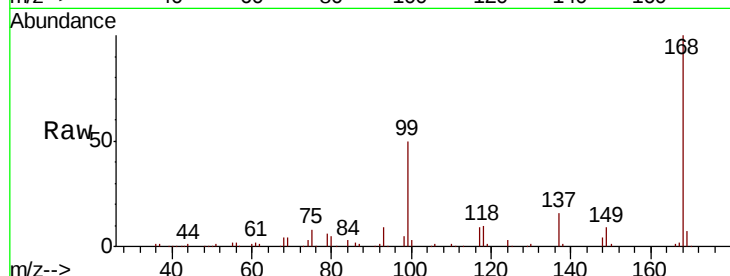
99 50.2 40.7 61.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 50.483 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005874.D

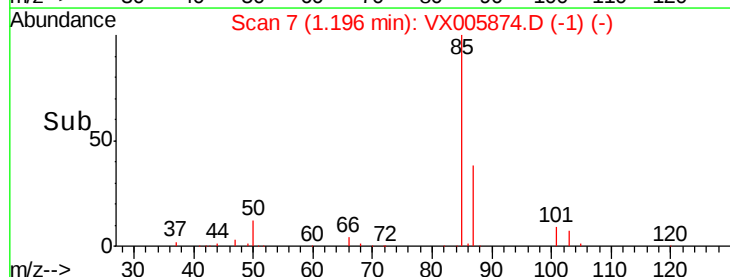
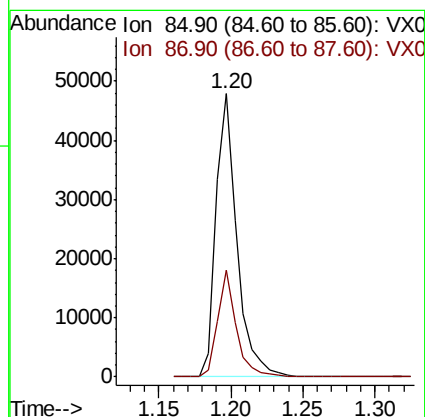
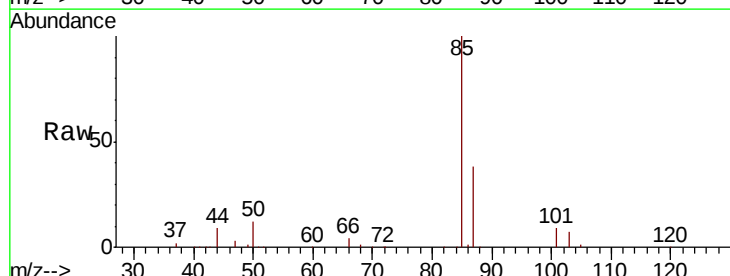
Acq: 09 Nov 2018 21:18

Tgt Ion: 85 Resp: 48431

Ion Ratio Lower Upper

85 100

87 37.7 16.3 48.9





#3

Chloromethane

Concen: 51.734 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 65134

Ion Ratio Lower Upper

50 100

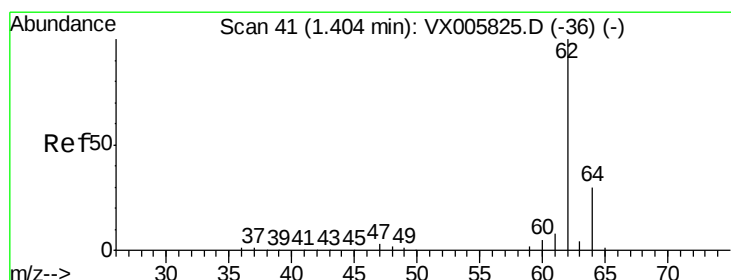
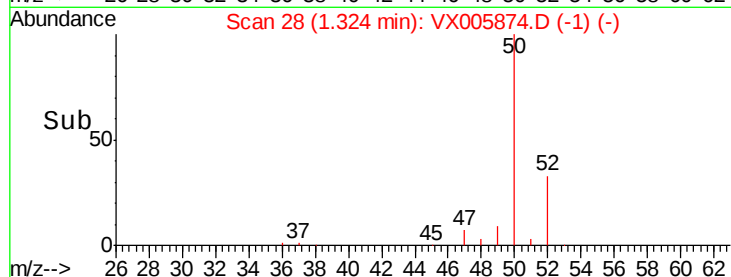
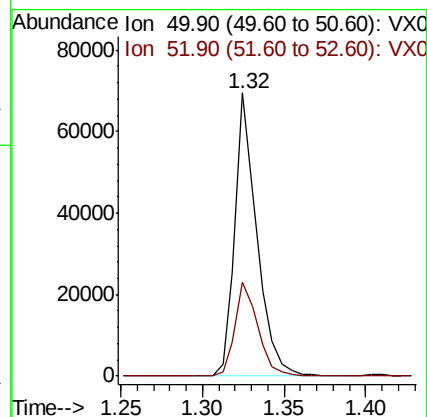
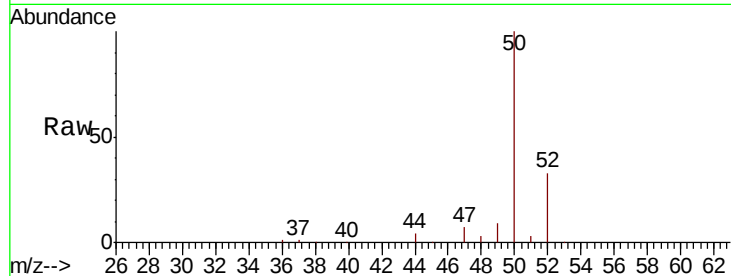
52 33.4 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.826 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005874.D

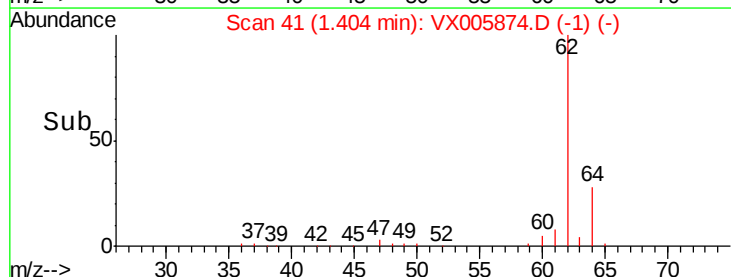
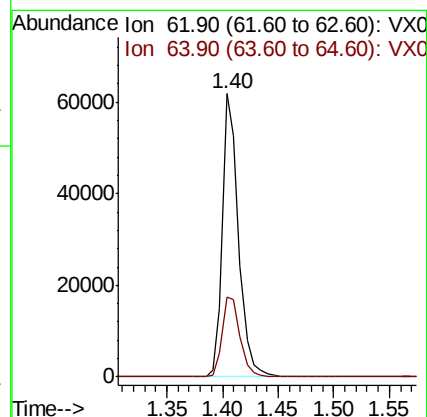
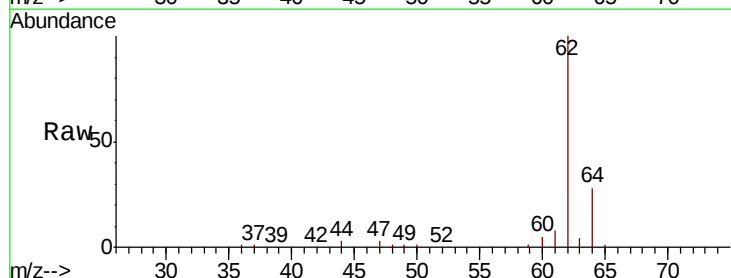
Acq: 09 Nov 2018 21:18

Tgt Ion: 62 Resp: 61713

Ion Ratio Lower Upper

62 100

64 28.1 25.3 37.9





#5

Bromomethane

Concen: 44.533 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 34445

Ion Ratio Lower Upper

94 100

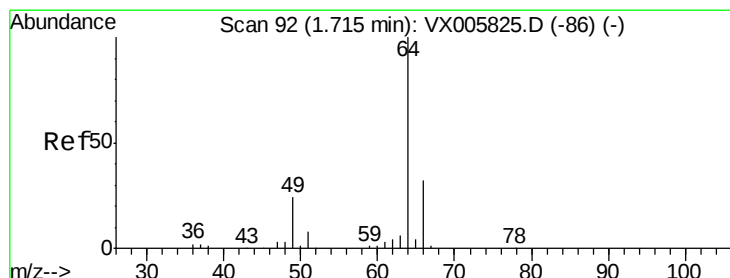
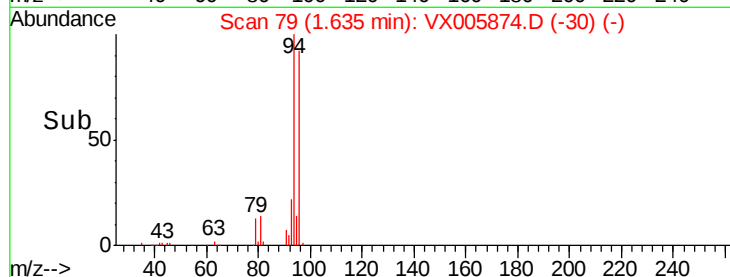
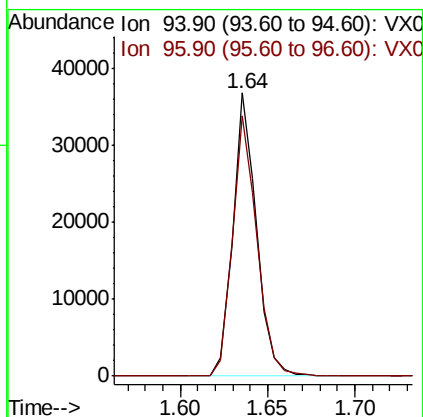
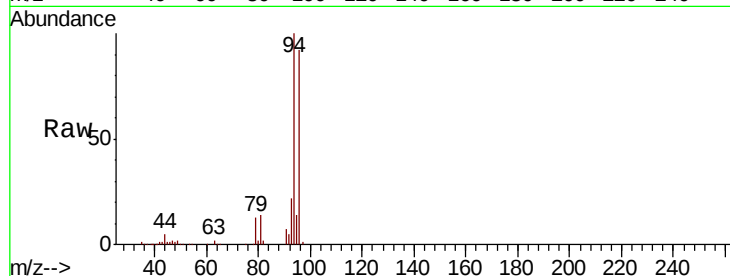
96 91.9 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 49.503 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005874.D

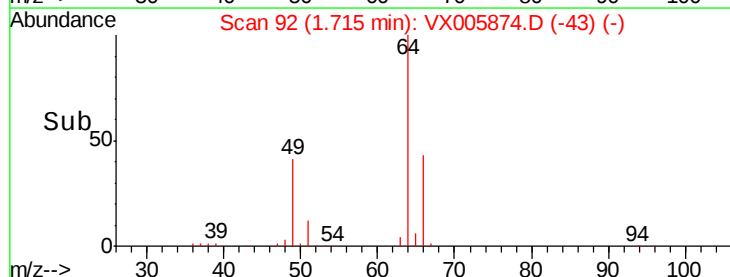
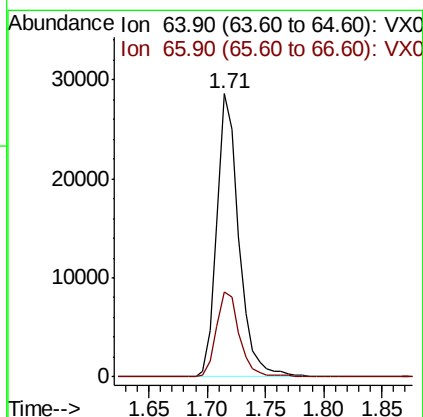
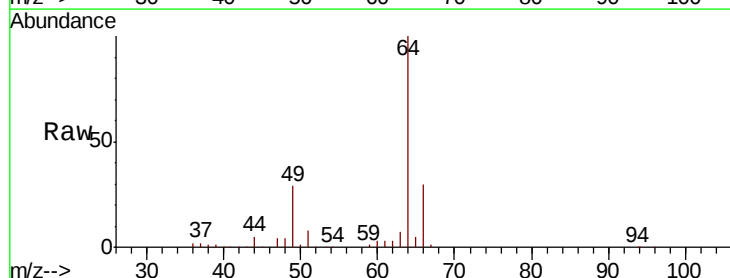
Acq: 09 Nov 2018 21:18

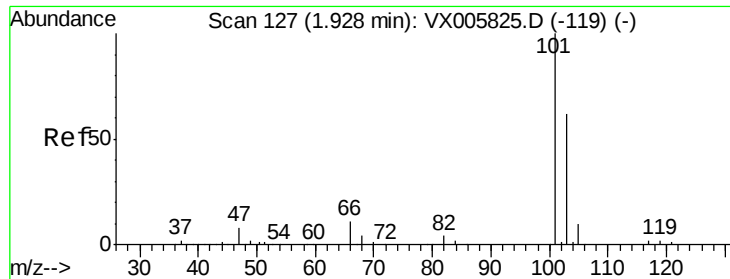
Tgt Ion: 64 Resp: 37333

Ion Ratio Lower Upper

64 100

66 30.0 25.8 38.6





#7

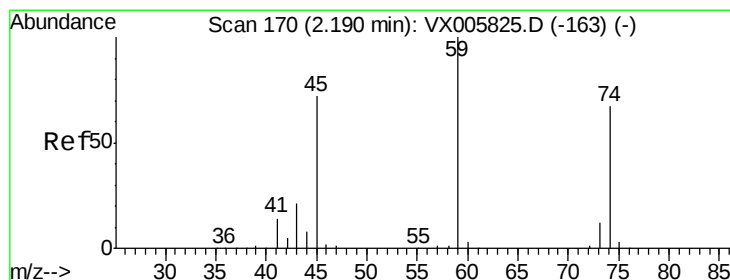
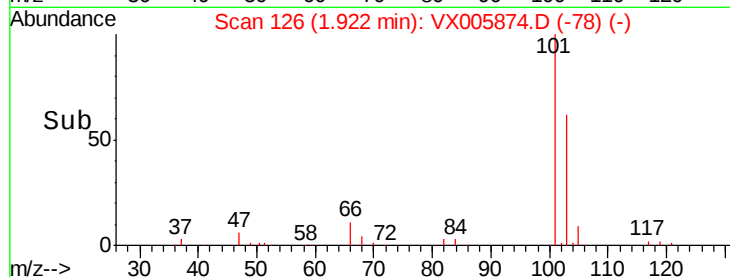
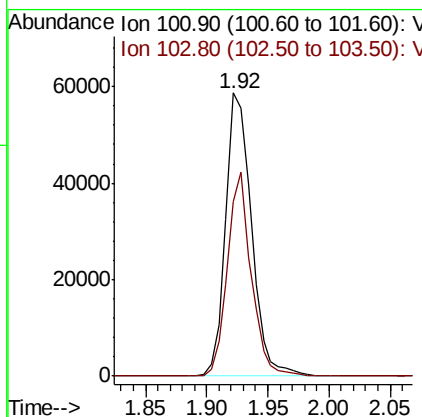
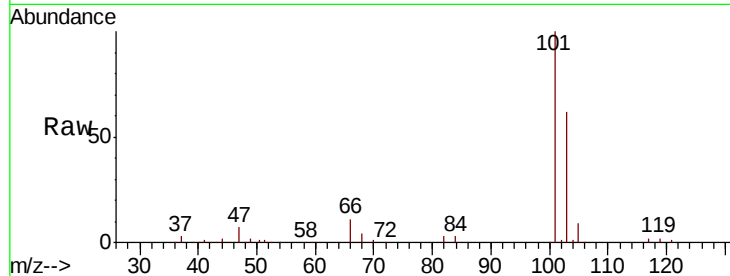
Trichlorofluoromethane
 Concen: 51.313 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Instrument :
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 ClientSampleId :
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Tot Ion:101 Resp: 86089
 Ion Ratio Lower Upper
 101 100
 103 61.7 50.0 75.0

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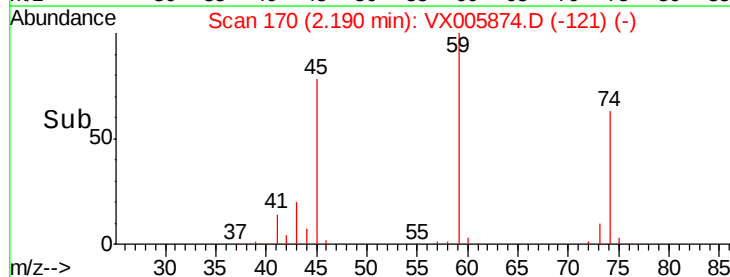
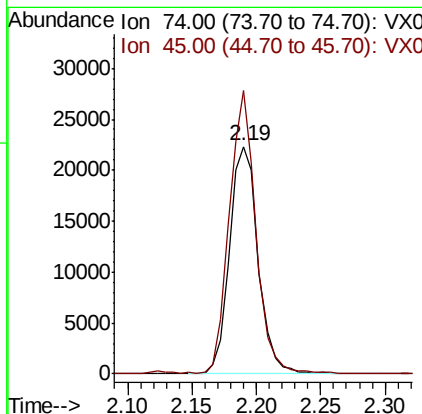
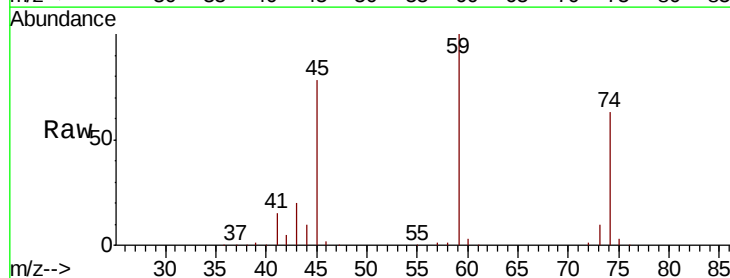
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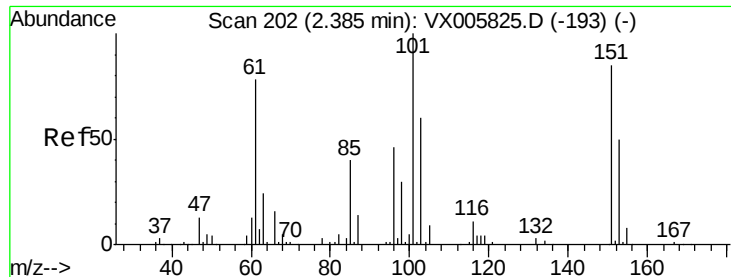


#8

Diethyl Ether
 Concen: 52.703 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Tgt Ion: 74 Resp: 34647
 Ion Ratio Lower Upper
 74 100
 45 114.2 54.1 162.3





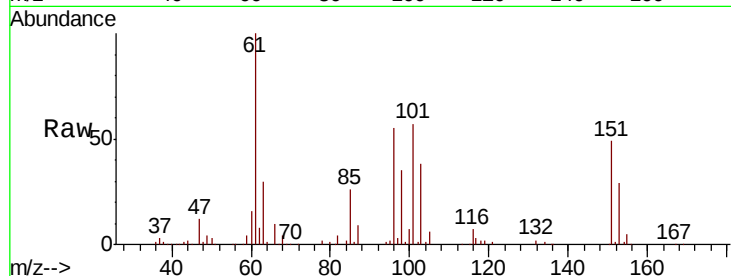
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.280 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.01 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	46.0	35.0	52.4
151	85.5	66.2	99.2

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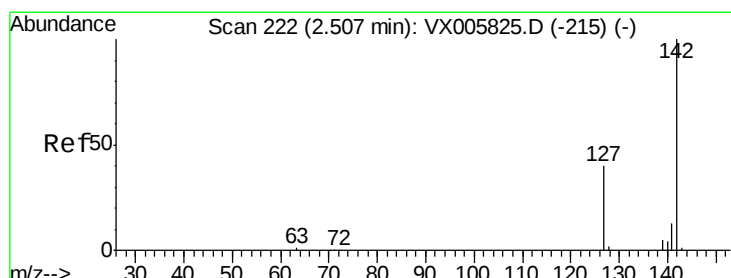
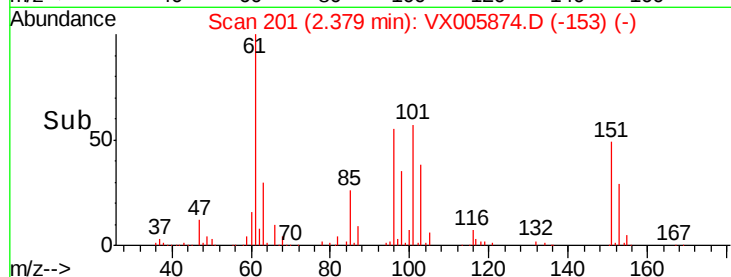
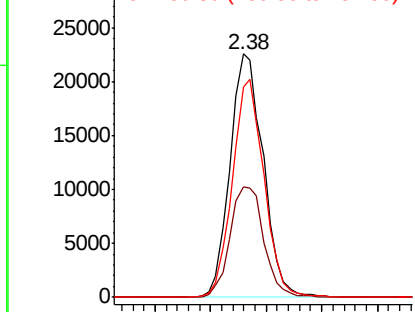


Abundance

Ion 100.90 (100.60 to 101.60): V

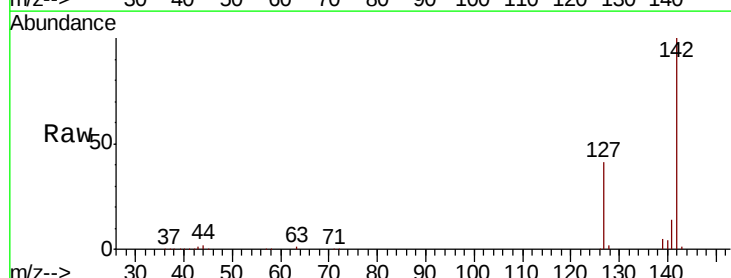
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 51.445 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.2	36.0	54.0
141	14.7	11.7	17.5

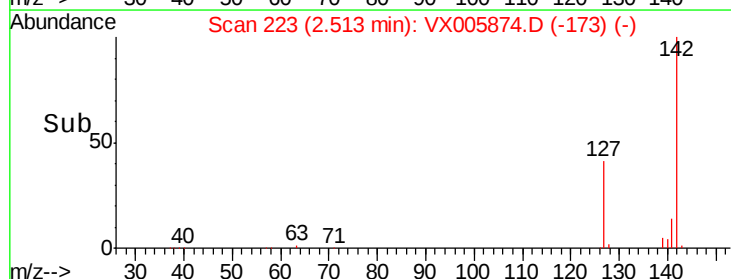
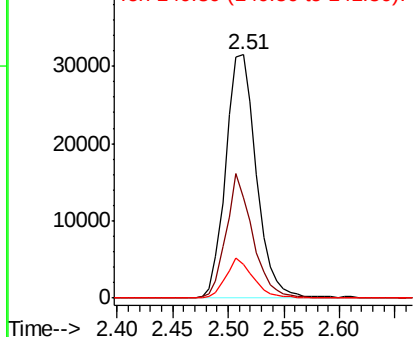


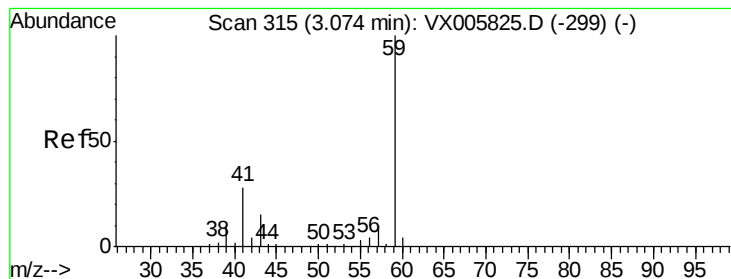
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

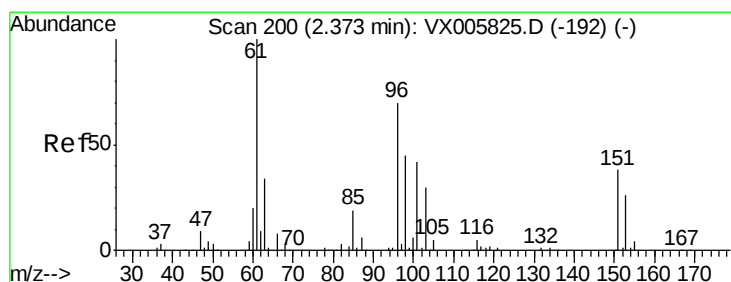
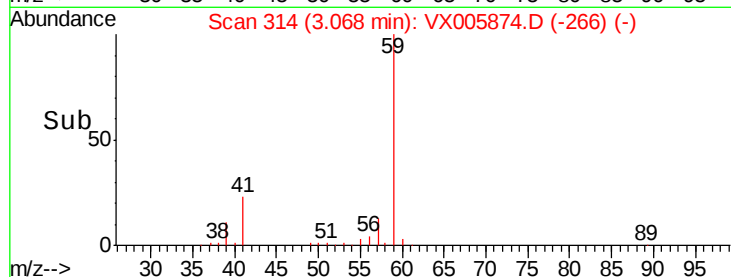
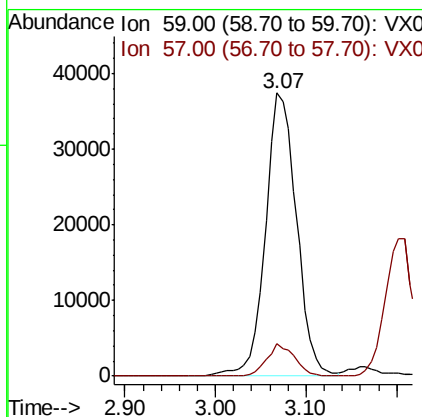
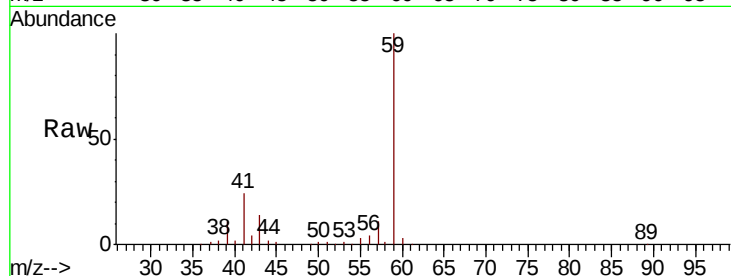
Tert butyl alcohol
 Concen: 253.584 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

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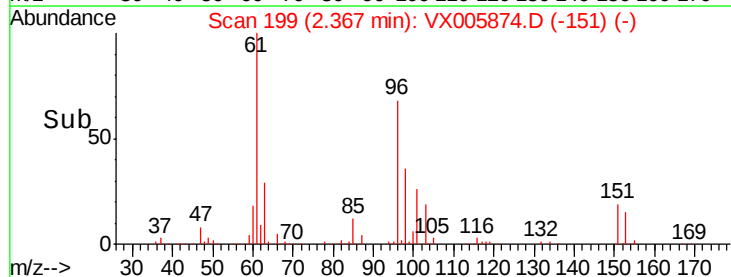
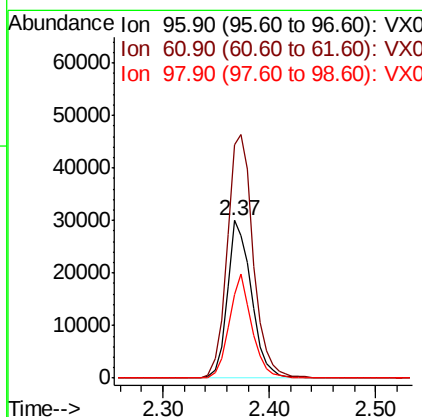
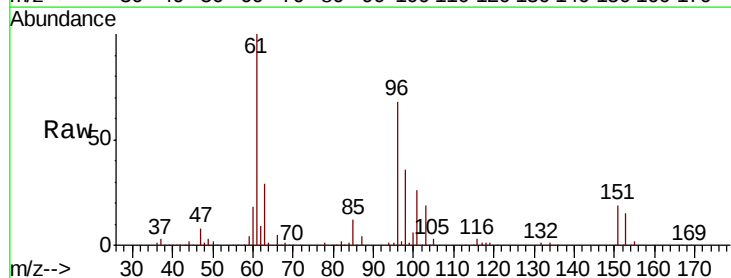
MMDadoda
 11/12/2018 9:11:58 AM

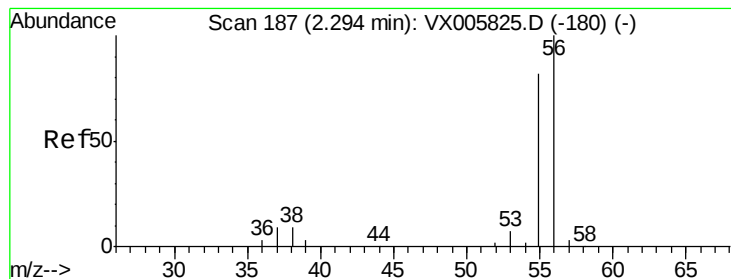


#12

1,1-Dichloroethene
 Concen: 50.194 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.9	131.8	197.8
98	53.0	53.4	80.2#





#13

Acrolein

Concen: 204.527 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 33542

Ion Ratio Lower Upper

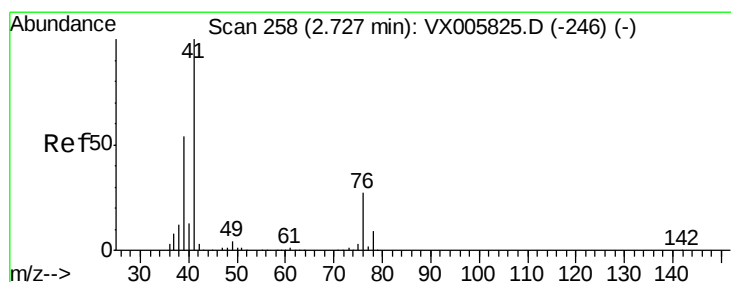
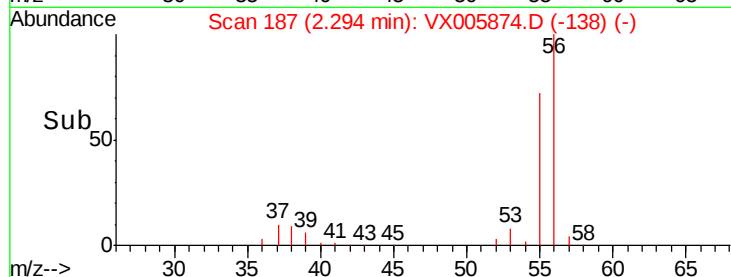
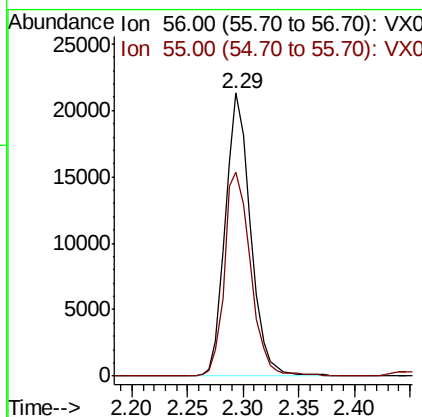
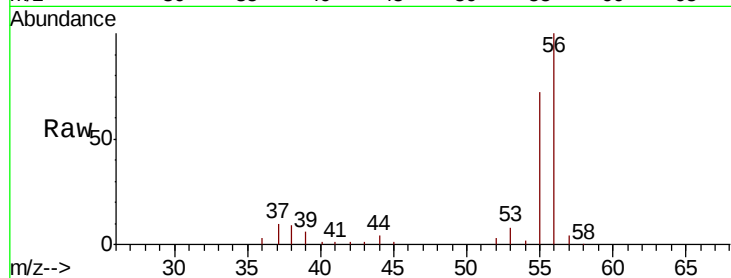
56 100

55 74.5 57.3 85.9

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#14

Allyl chloride

Concen: 50.547 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

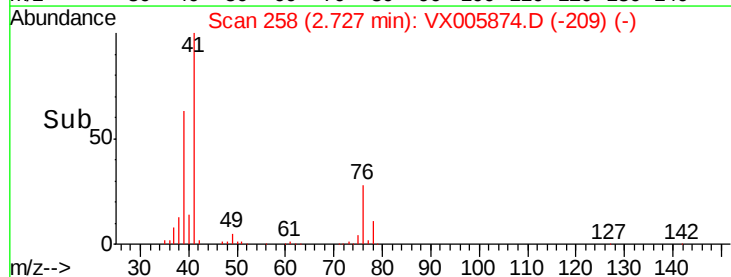
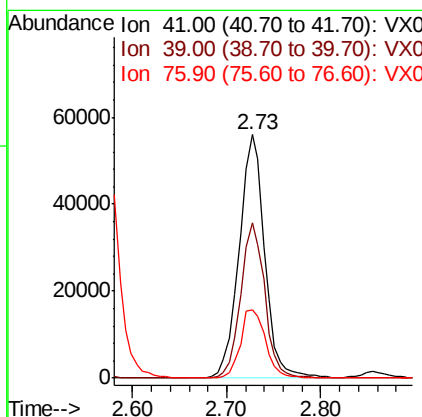
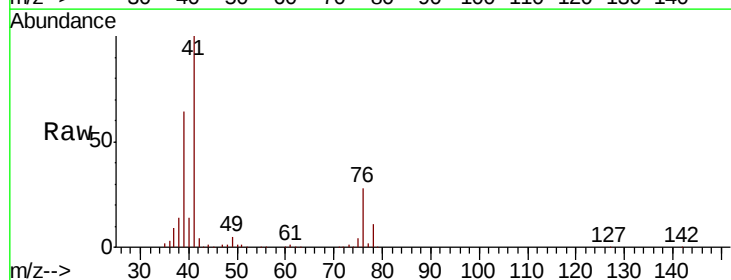
Tgt Ion: 41 Resp: 106174

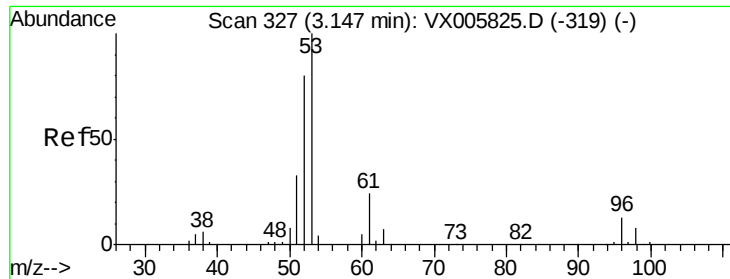
Ion Ratio Lower Upper

41 100

39 60.0 48.2 72.4

76 27.7 21.9 32.9





#15

Acrylonitrile

Concen: 266.161 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Instrument :

MSVOA_X

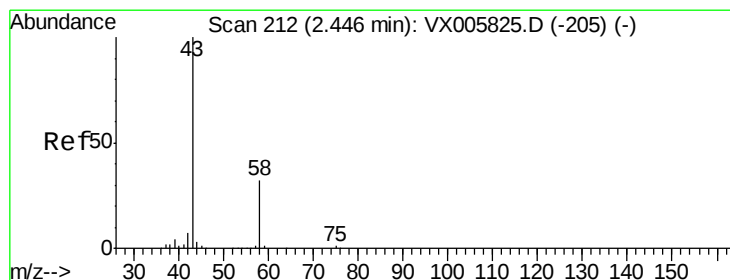
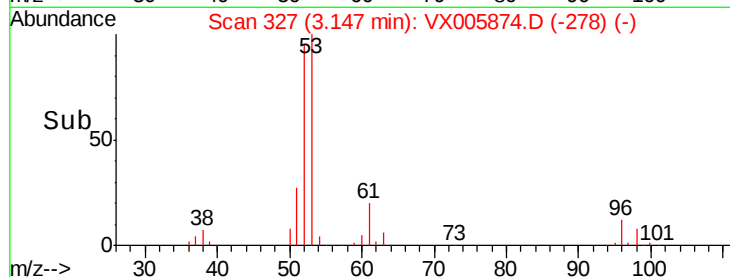
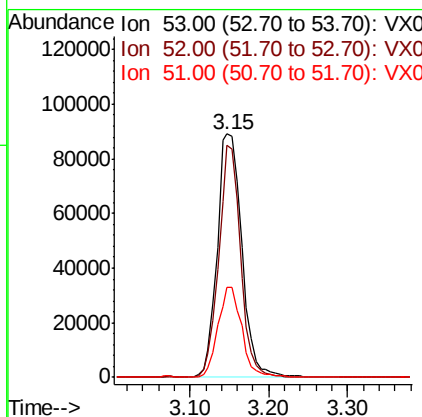
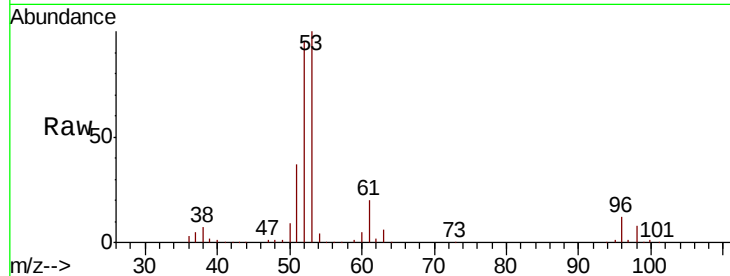
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	193285
Ion Ratio	Lower	Upper	
53	100		
52	84.4	66.6	99.8
51	36.3	28.4	42.6

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#16

Acetone

Concen: 262.355 ug/l

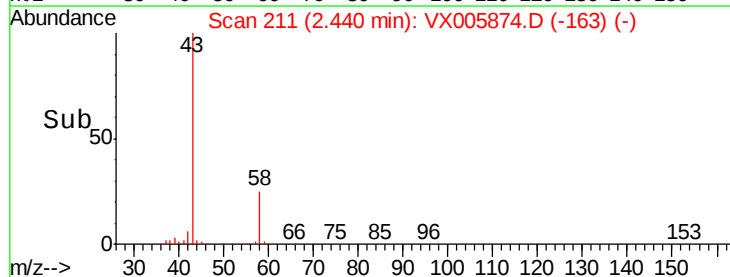
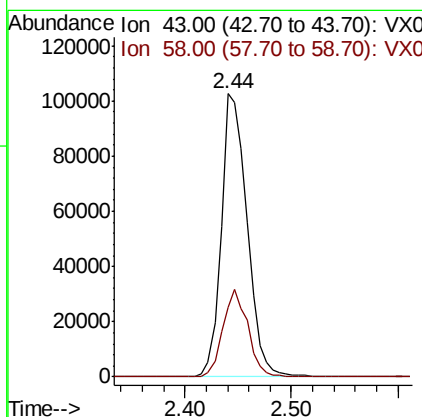
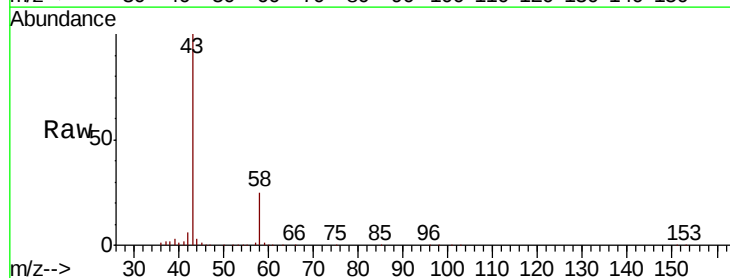
RT: 2.44 min Scan# 211

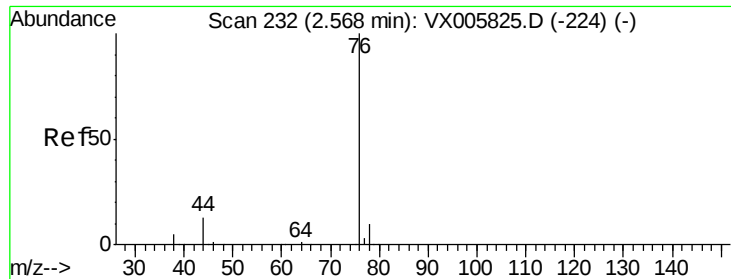
Delta R.T. -0.01 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Tgt Ion:	43	Resp:	172793
Ion Ratio	Lower	Upper	
43	100		
58	24.6	23.8	35.6





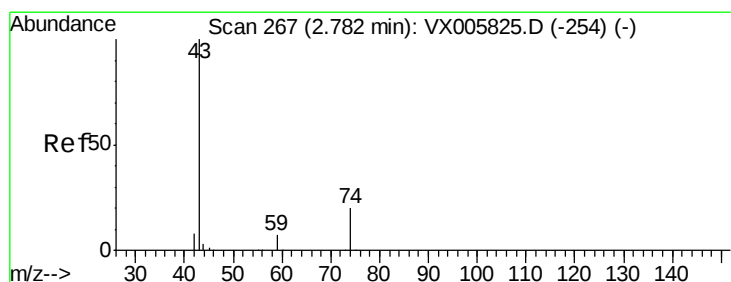
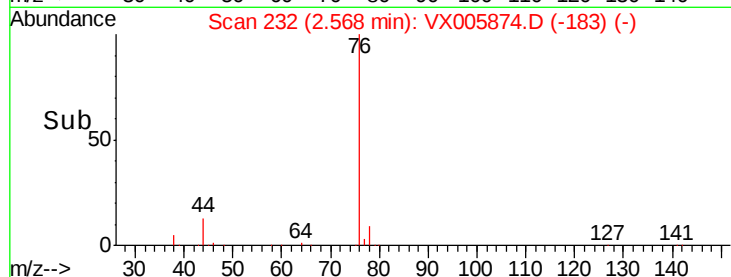
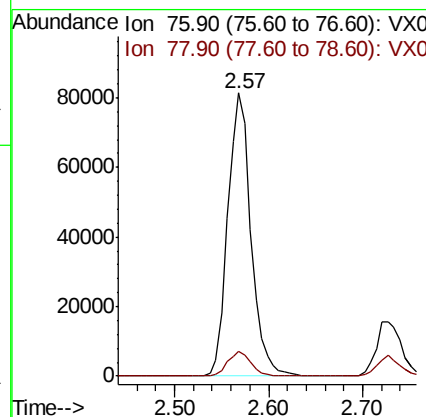
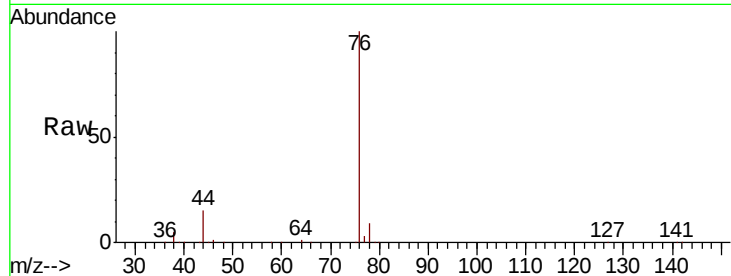
#17
Carbon Disulfide
Concen: 49.461 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

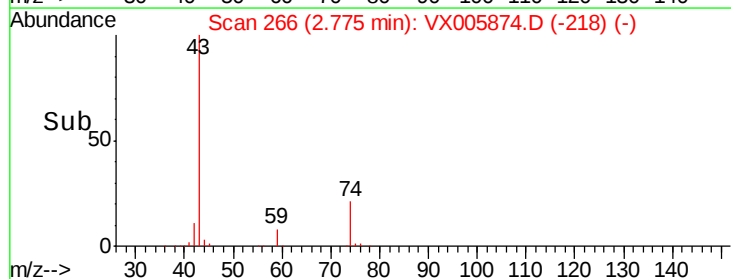
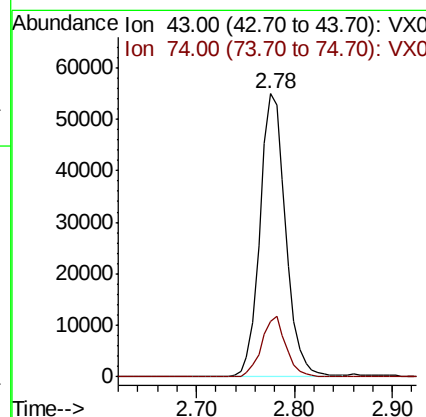
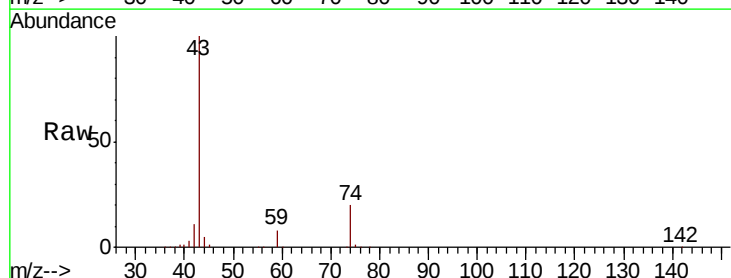
Manual Integrations
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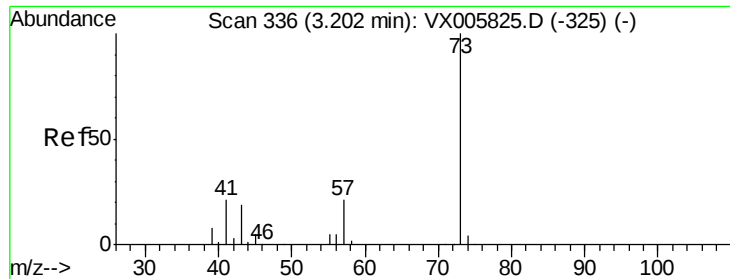
MMDadoda
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#18
Methyl Acetate
Concen: 57.311 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.4	16.8	25.2





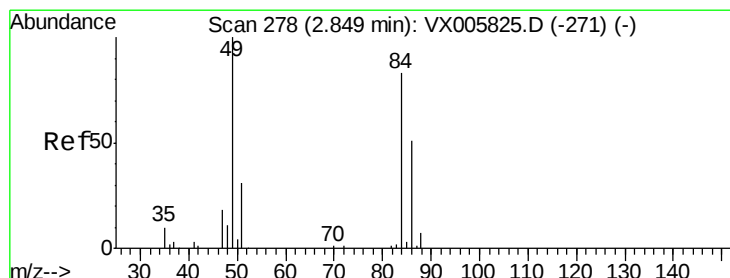
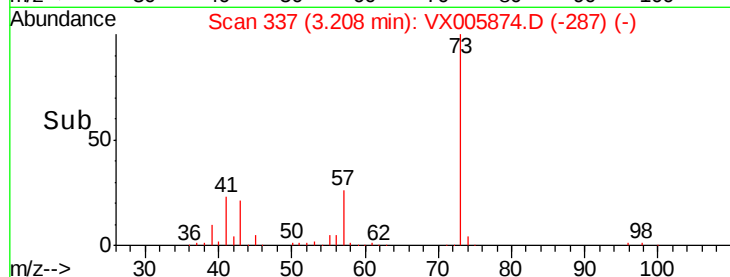
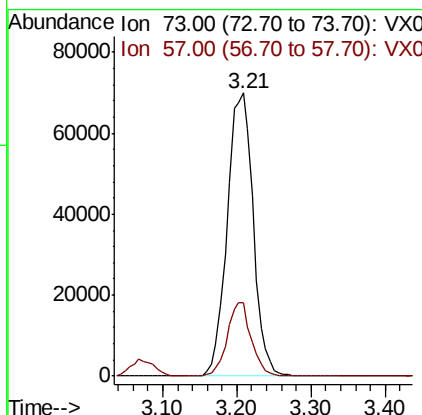
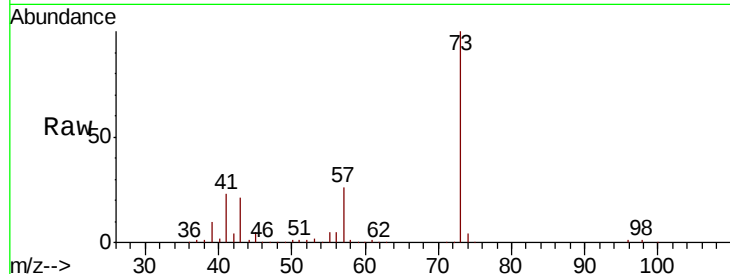
#19
Methyl tert-butyl Ether
Concen: 53.296 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 171077
Ion Ratio Lower Upper
73 100
57 25.9 18.8 28.2

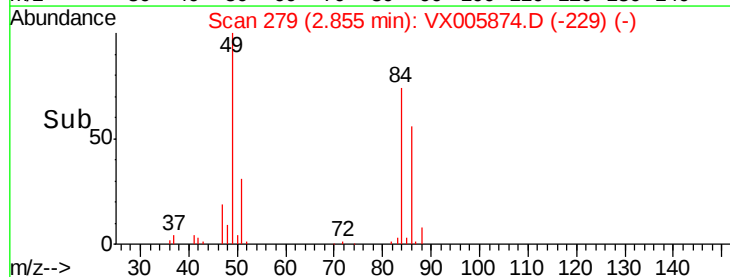
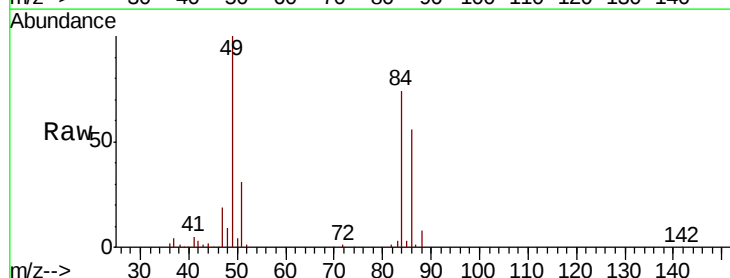
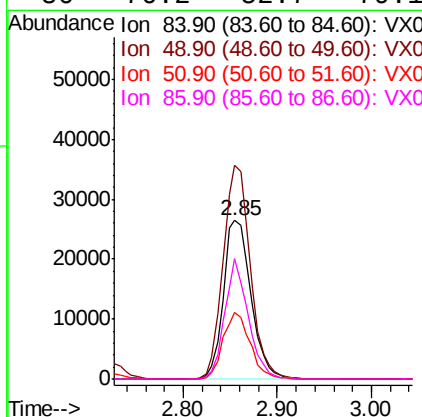
Manual Integrations
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#20
Methylene Chloride
Concen: 49.666 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion: 84 Resp: 53733
Ion Ratio Lower Upper
84 100
49 134.9 109.5 164.3
51 42.5 33.3 49.9
86 76.2 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 51.820 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Instrument :

MSVOA_X

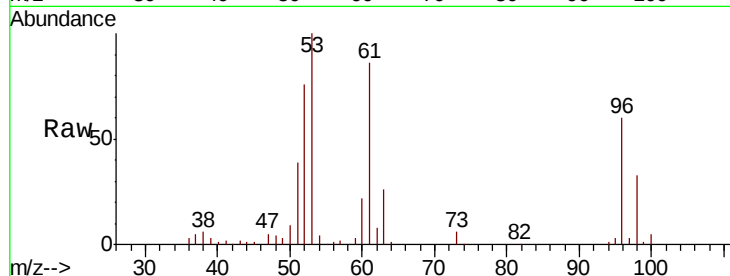
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	51404
Ion	Ratio	Lower	Upper
96	100		
61	144.9	115.6	173.4
98	55.2	50.2	75.2

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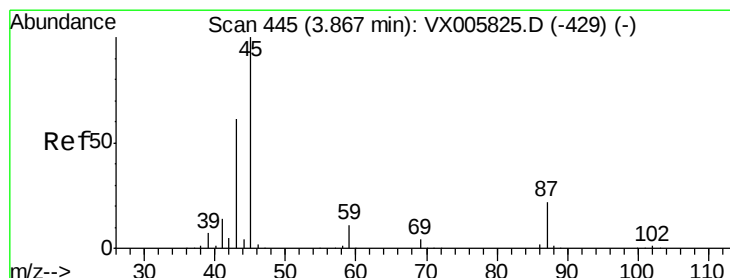
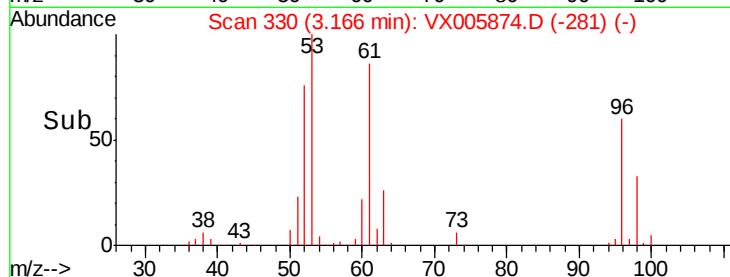
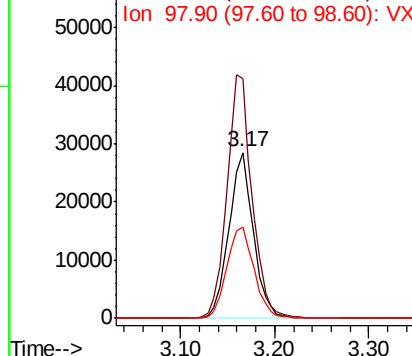


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.824 ug/l

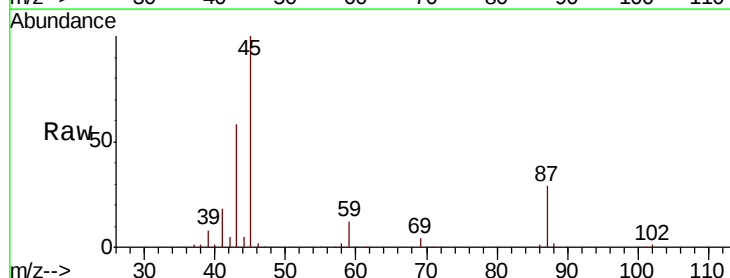
RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Tgt Ion:	45	Resp:	190690
Ion	Ratio	Lower	Upper
45	100		
43	57.5	47.4	71.2
87	28.9	15.9	23.9#
59	11.7	7.7	11.5#



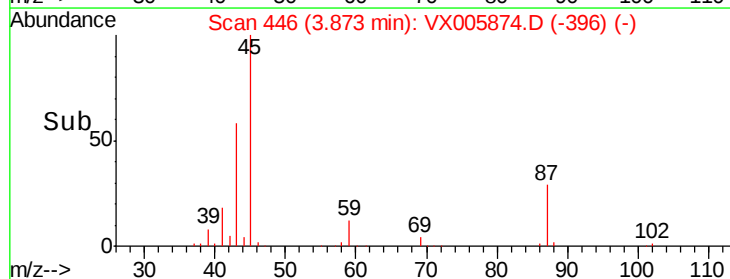
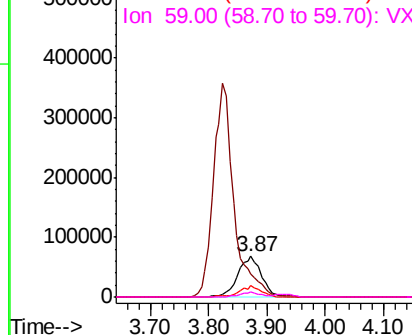
Abundance

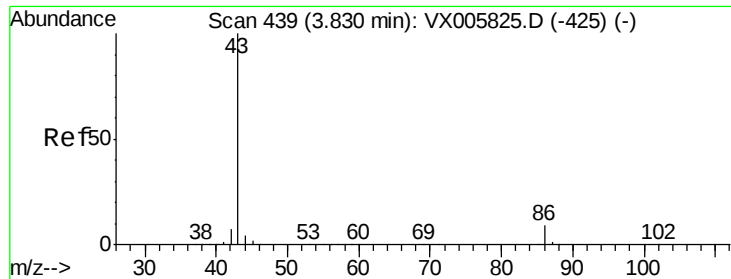
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 277.179 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 874480

Ion Ratio Lower Upper

43 100

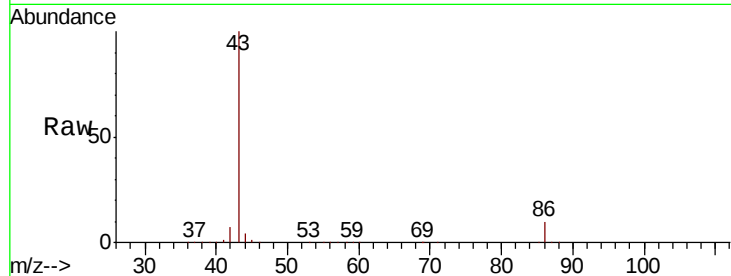
86 9.8 7.4 11.2

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

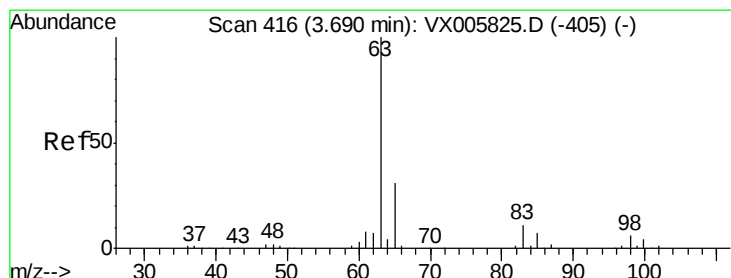
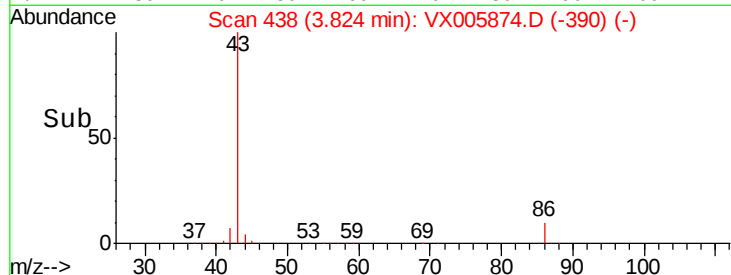
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 51.245 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

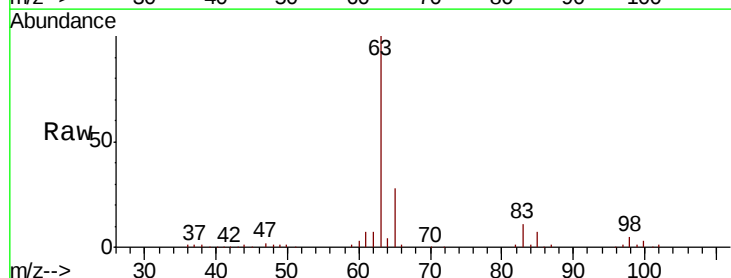
Tgt Ion: 63 Resp: 100600

Ion Ratio Lower Upper

63 100

98 5.2 3.2 9.6

100 3.2 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

50000

40000

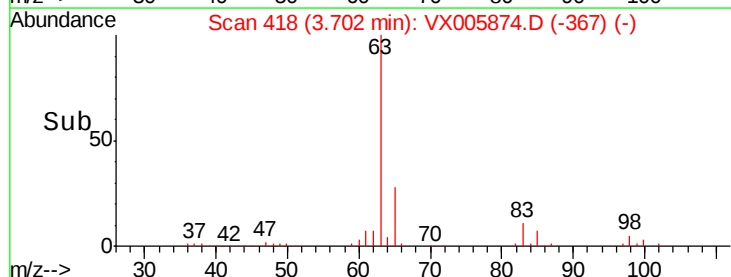
30000

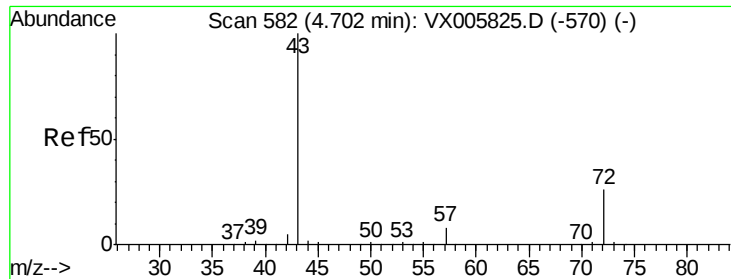
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 273.455 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 283152

Ion Ratio Lower Upper

43 100

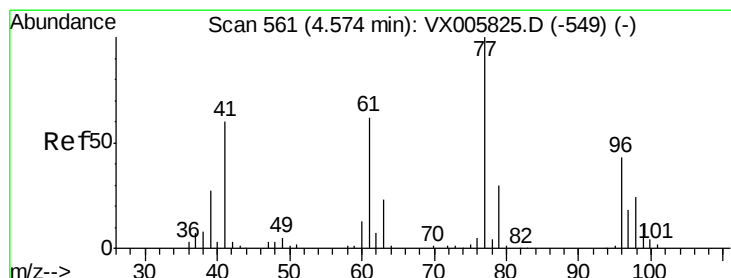
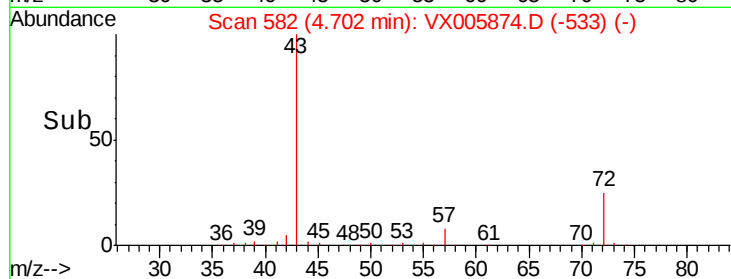
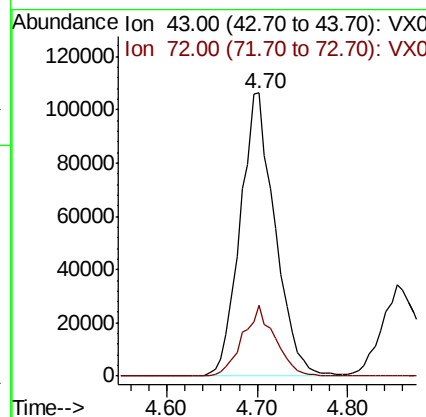
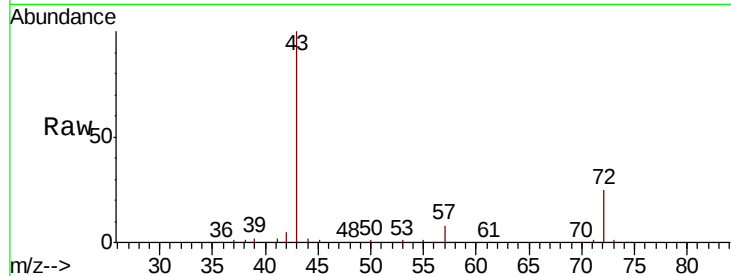
72 24.8 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.733 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005874.D

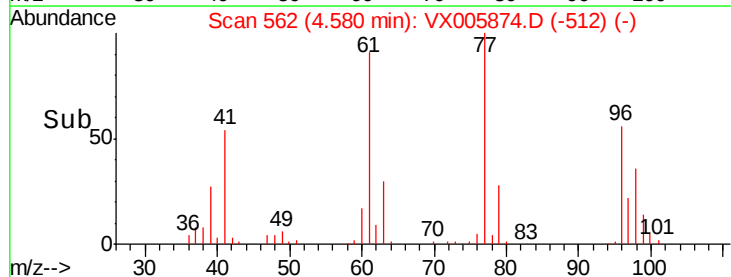
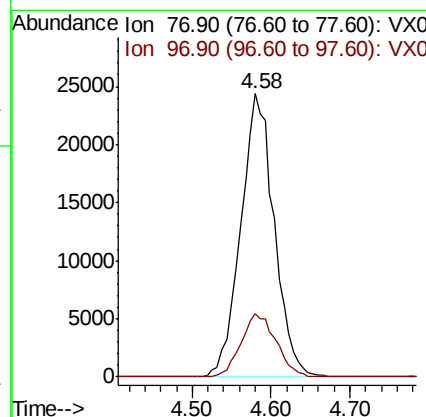
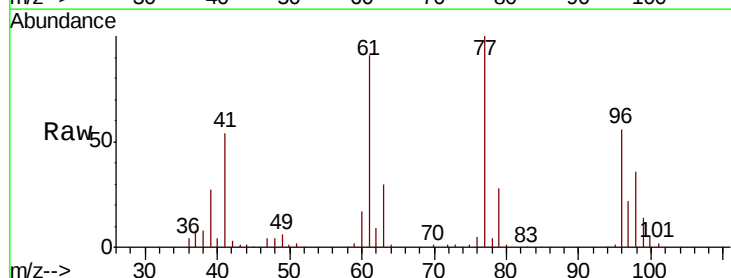
Acq: 09 Nov 2018 21:18

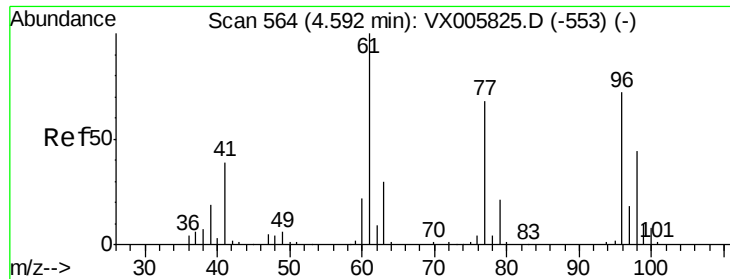
Tgt Ion: 77 Resp: 71618

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.5





#27

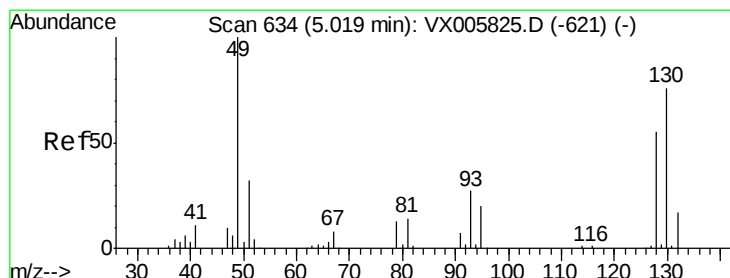
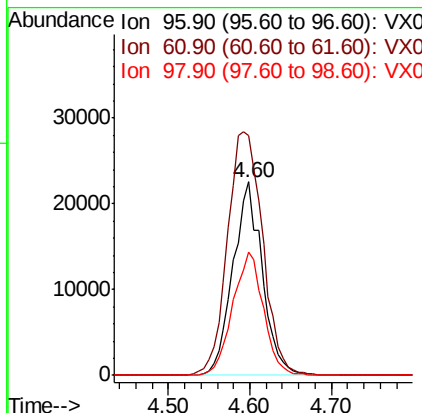
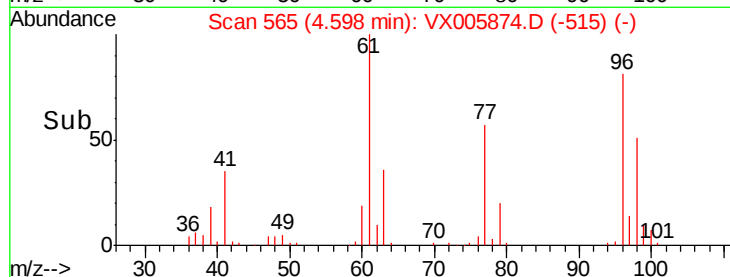
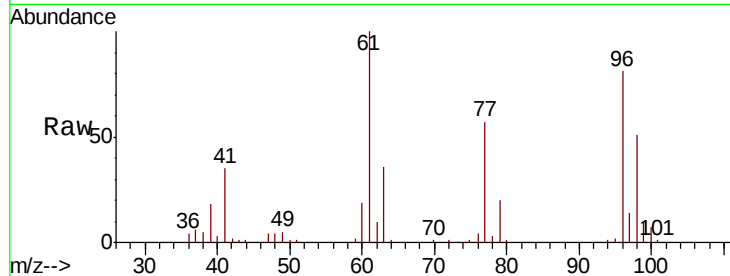
cis-1,2-Dichloroethene
Concen: 51.254 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.8	0.0	304.6
98	66.6	0.0	127.4

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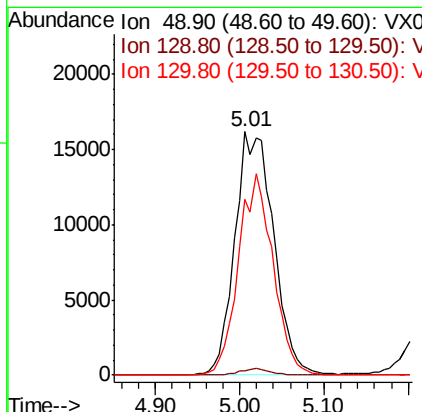
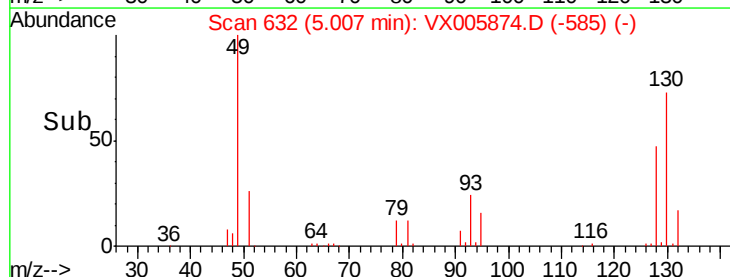
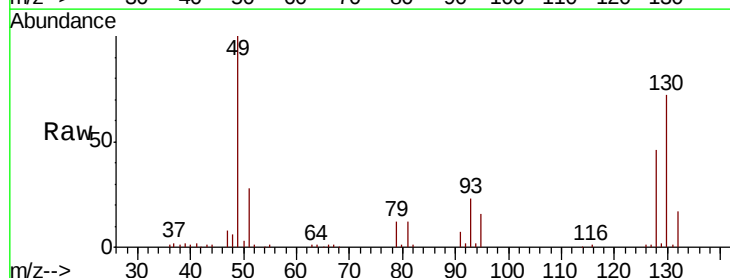
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#28

Bromochloromethane
Concen: 57.525 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	73.7	58.9	88.3





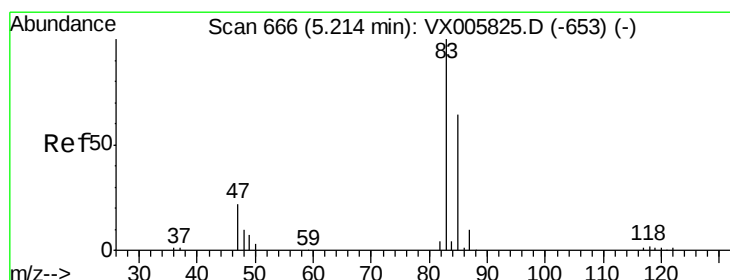
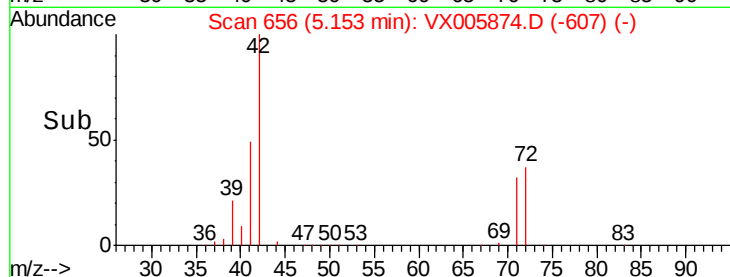
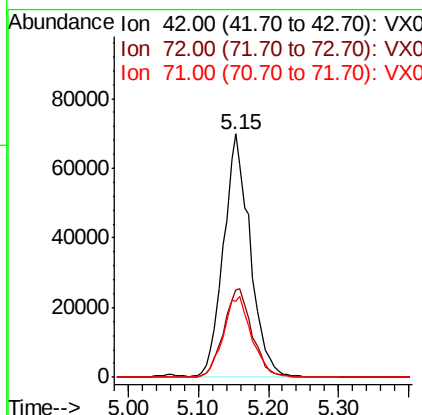
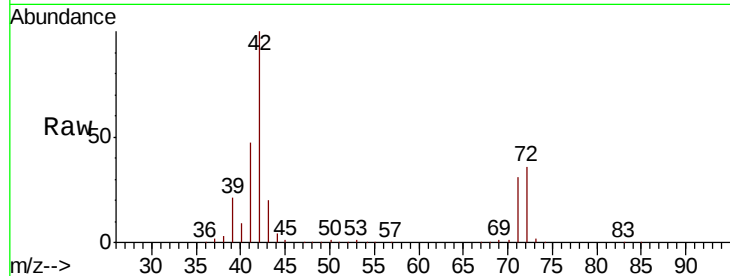
#29
Tetrahydrofuran
Concen: 277.039 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.9	32.0	48.0
71	35.5	29.8	44.8

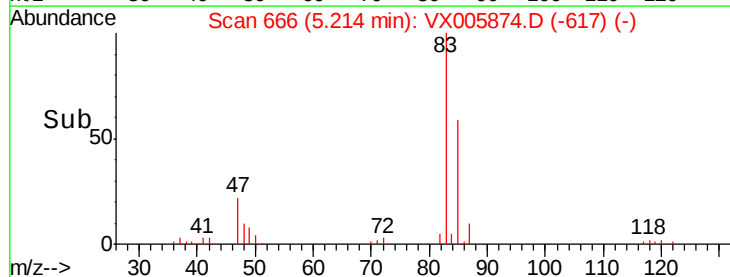
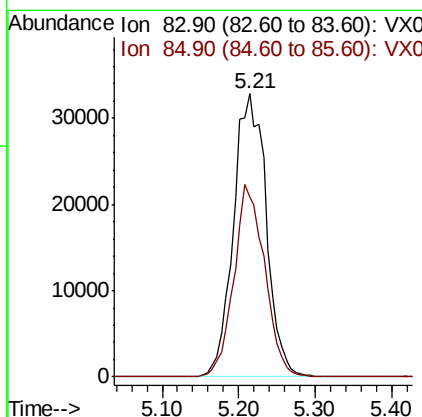
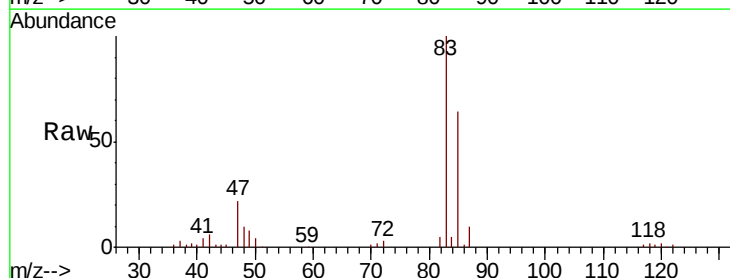
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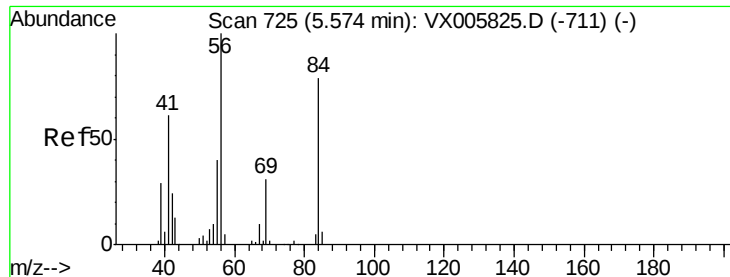
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11/12/2018 9:11:58 AM



#30
Chloroform
Concen: 51.368 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.6	76.0





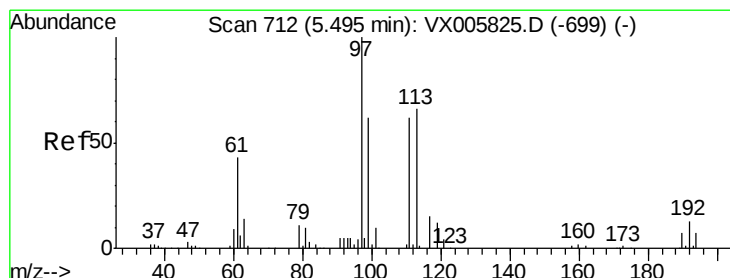
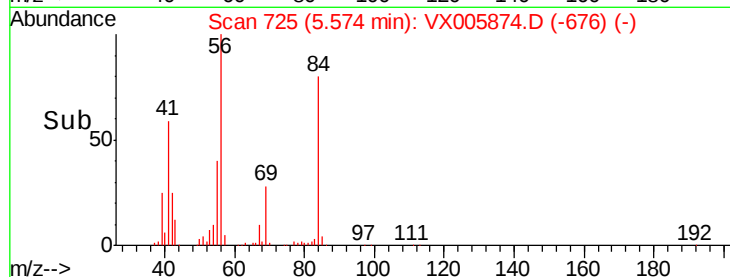
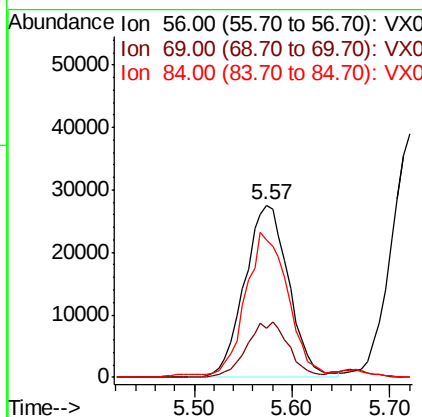
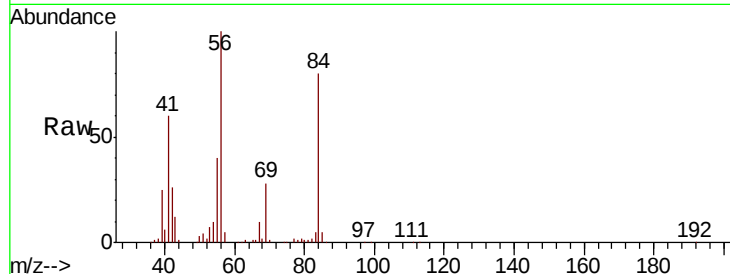
#31
Cyclohexane
Concen: 50.635 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.4	22.6	34.0
84	78.6	62.7	94.1

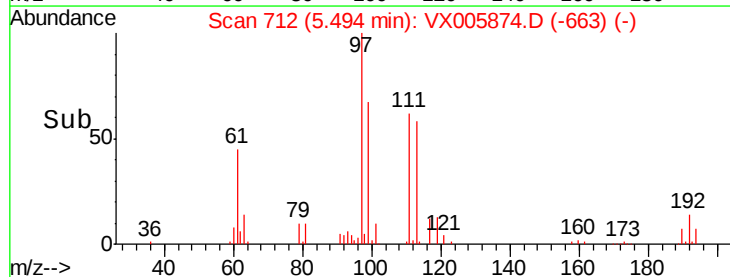
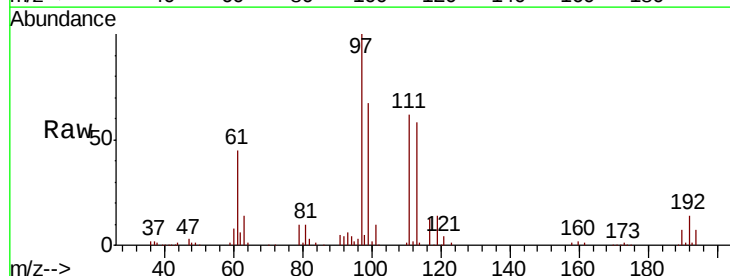
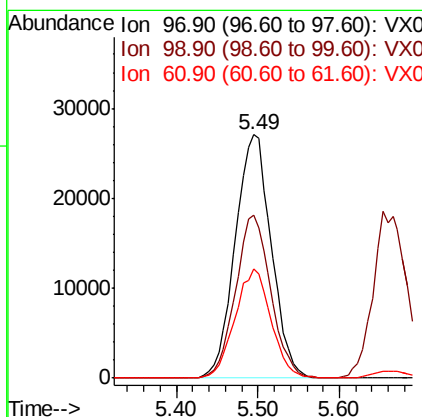
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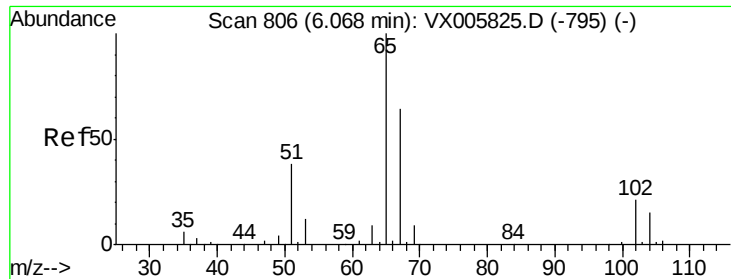
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#32
1,1,1-Trichloroethane
Concen: 52.581 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.3	78.5
61	45.0	35.2	52.8





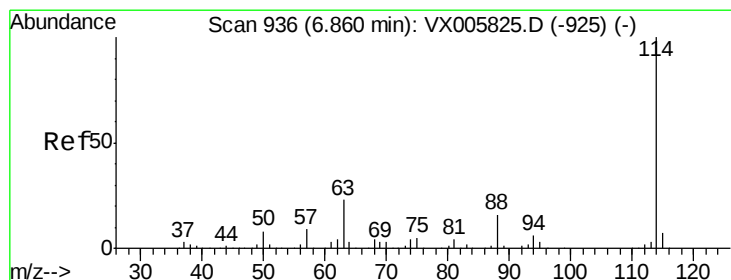
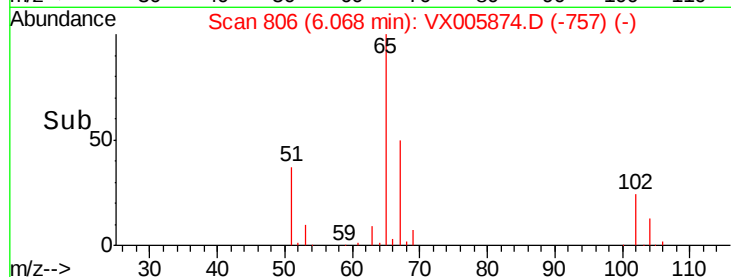
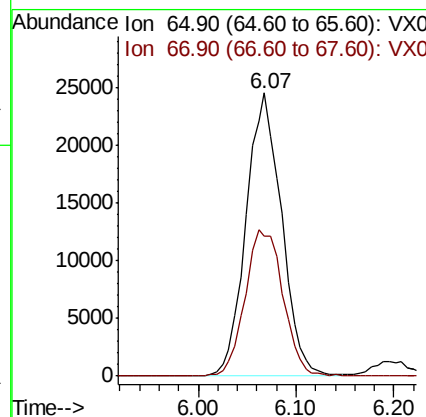
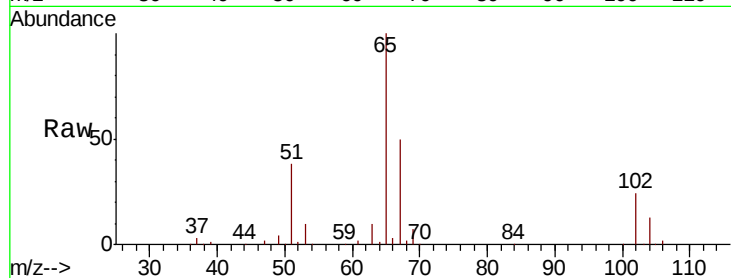
#33
 1,2-Dichloroethane-d4
 Concen: 50.549 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 61834
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 105.0

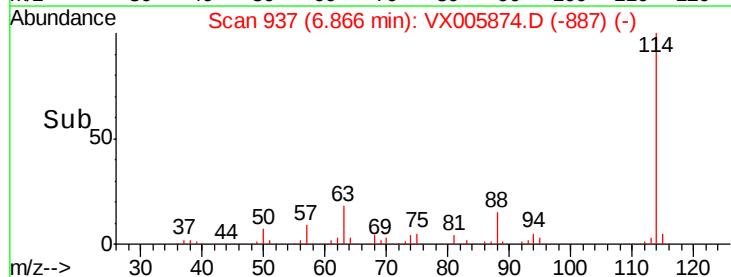
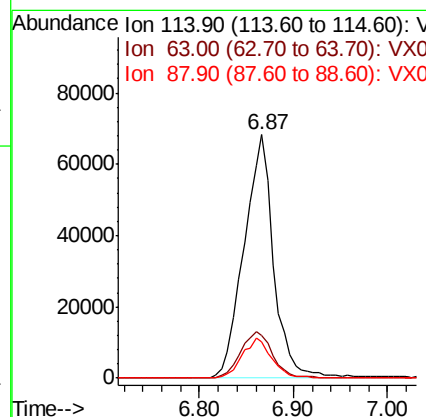
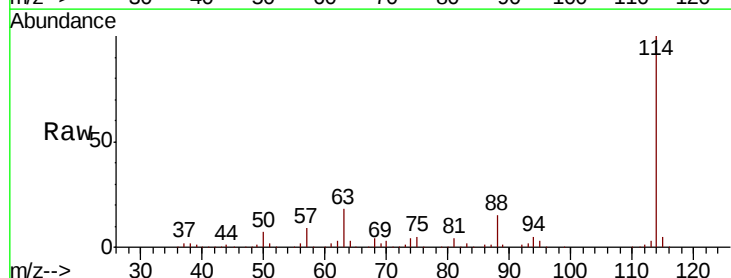
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Tgt Ion: 114 Resp: 149836
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 42.8
 88 14.8 0.0 31.2





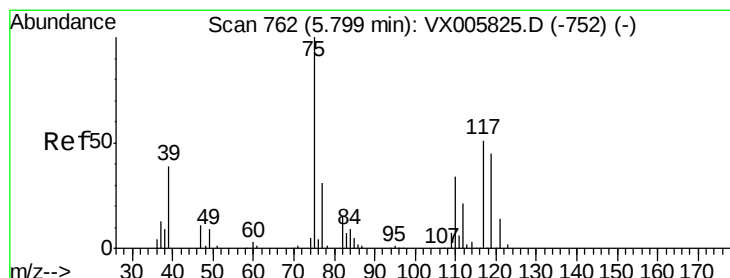
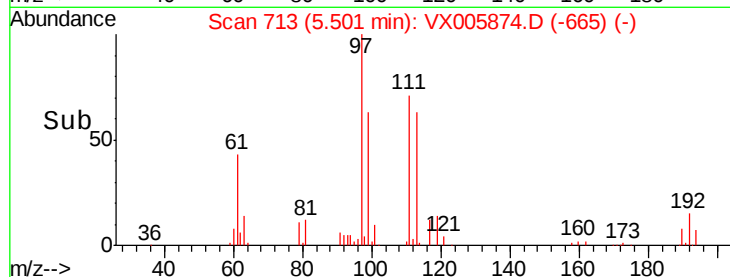
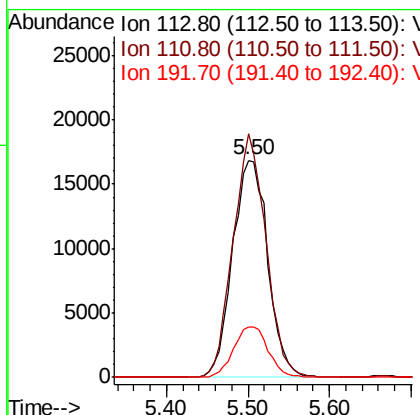
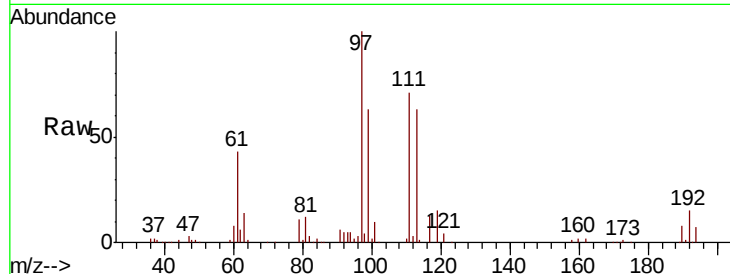
#35
 Dibromofluoromethane
 Concen: 49.411 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	50355		
111	104.7	82.3	123.5	
192	22.7	17.9	26.9	

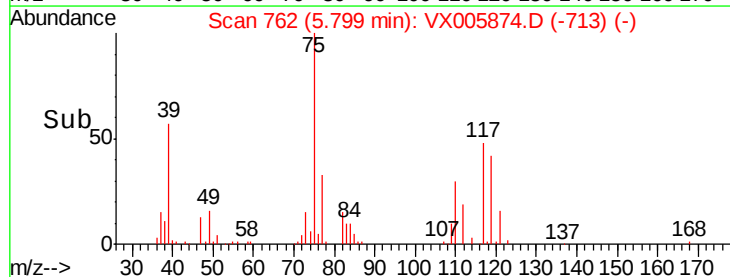
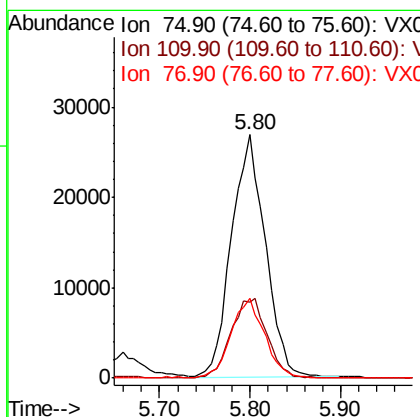
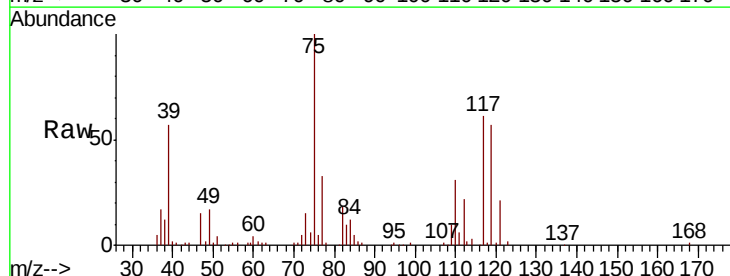
Manual Integrations
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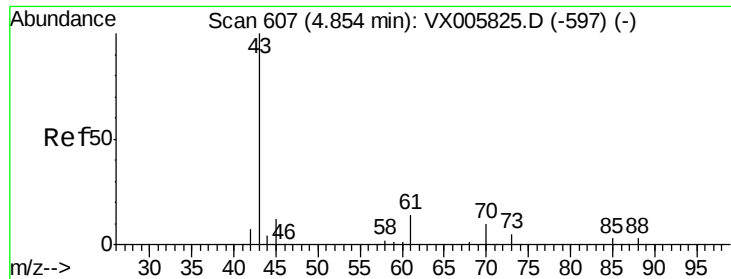
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#36
 1,1-Dichloropropene
 Concen: 48.053 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69410		
110	35.2	17.4	52.2	
77	32.7	25.8	38.6	





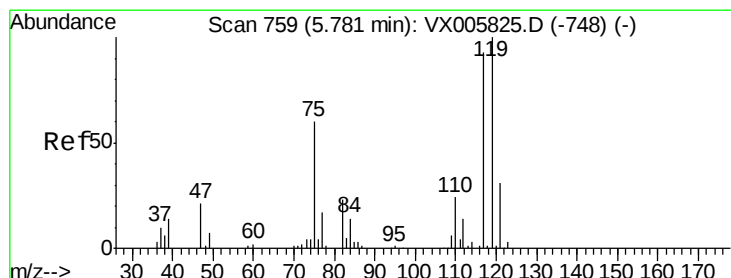
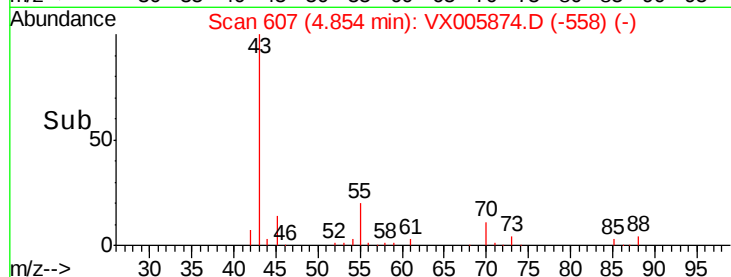
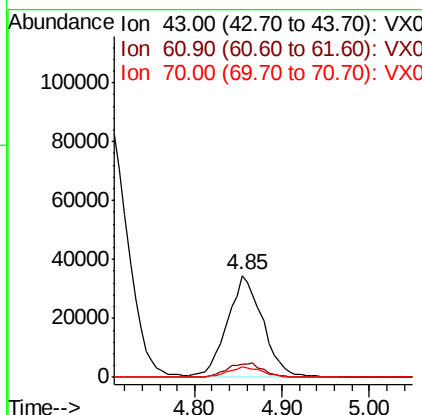
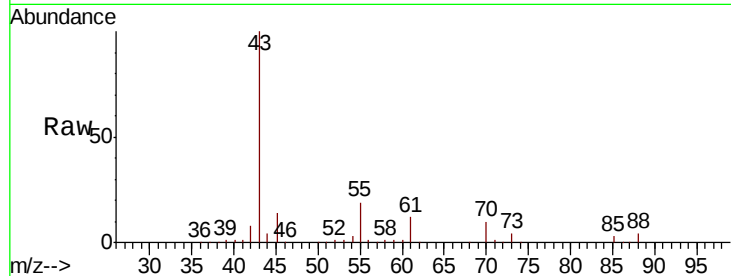
#37
Ethyl Acetate
Concen: 50.907 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.8	16.2
70	10.0	7.8	11.8

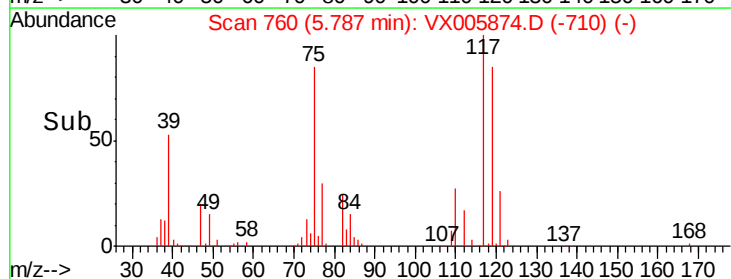
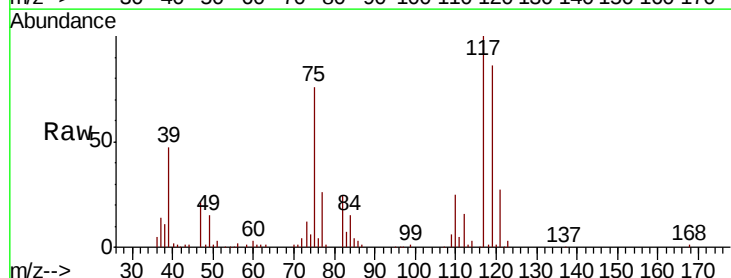
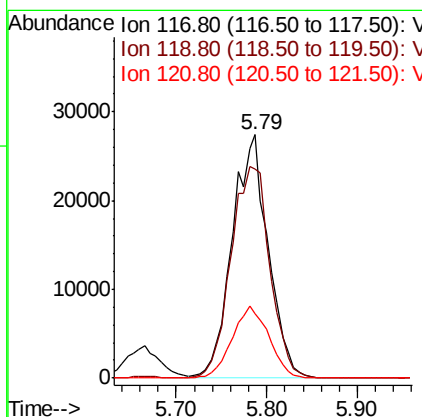
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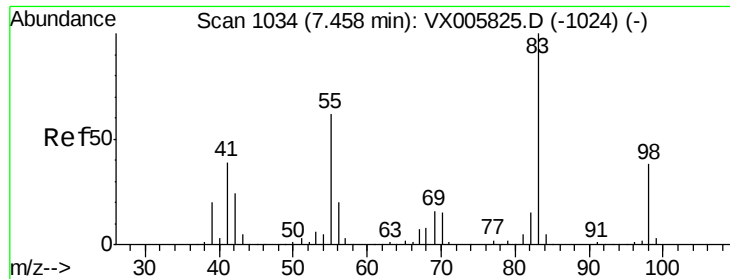
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#38
Carbon Tetrachloride
Concen: 52.278 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.0	78.1	117.1
121	26.7	24.6	36.8





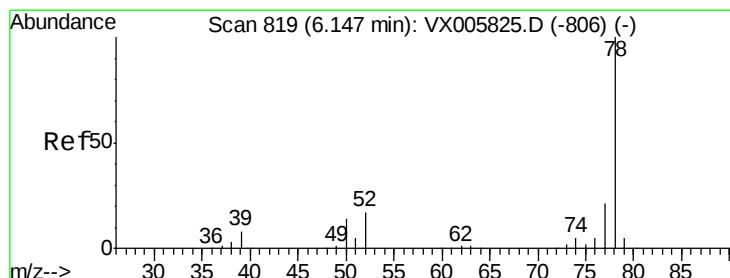
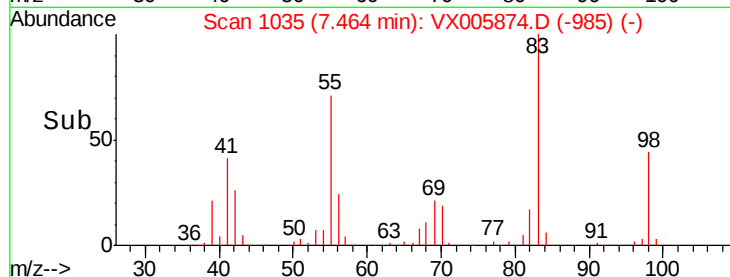
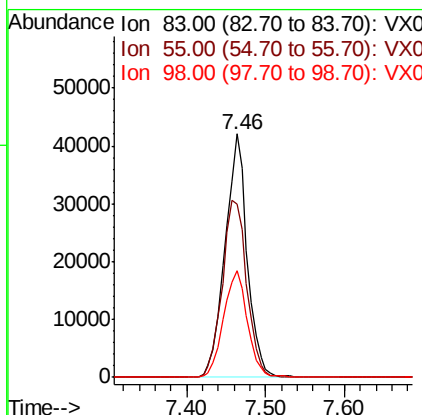
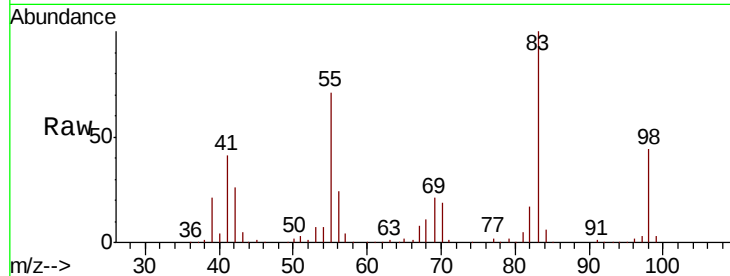
#39
Methvlcvclohexane
Concen: 56.207 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.3	63.7	95.5
98	43.7	36.2	54.2

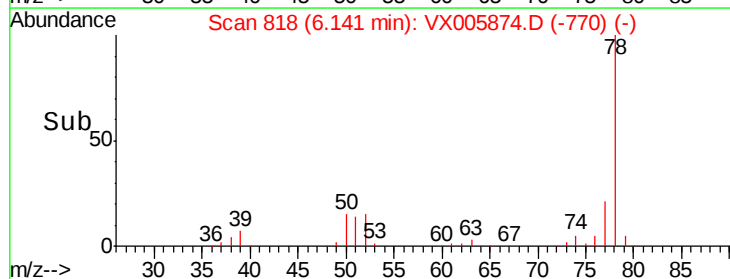
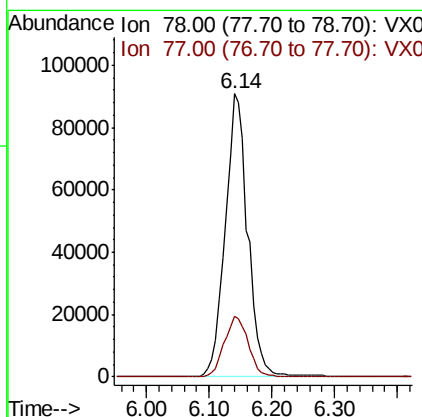
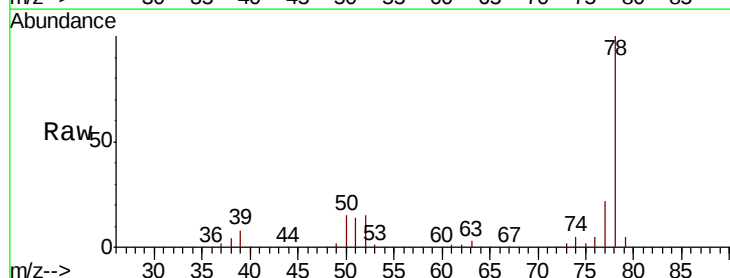
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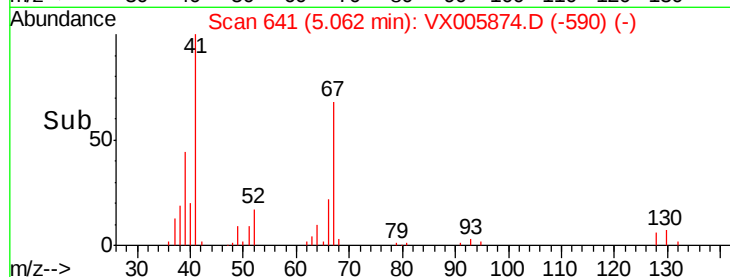
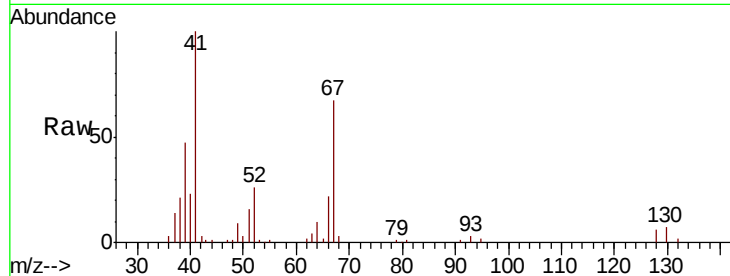
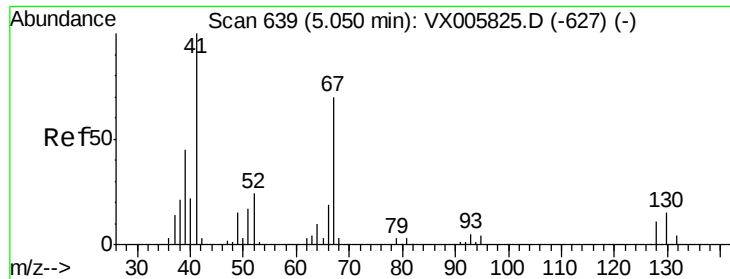
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#40
Benzene
Concen: 53.589 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.5	18.4	27.6





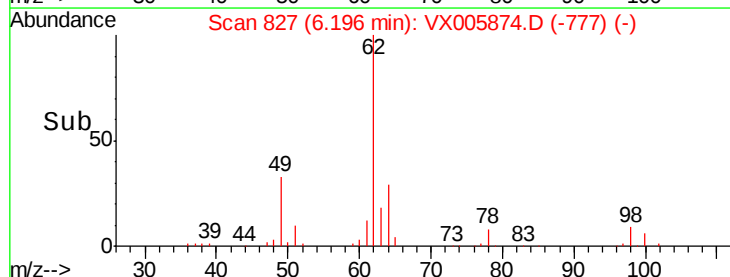
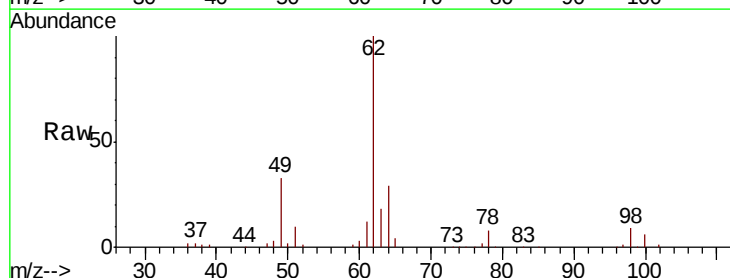
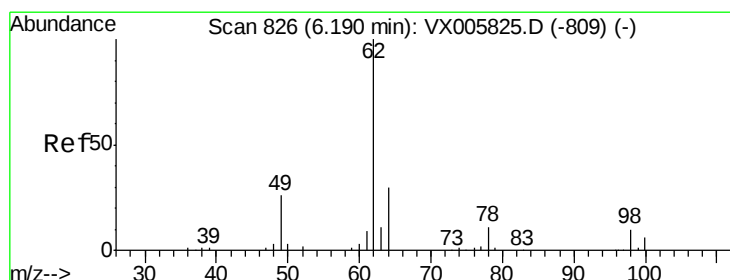
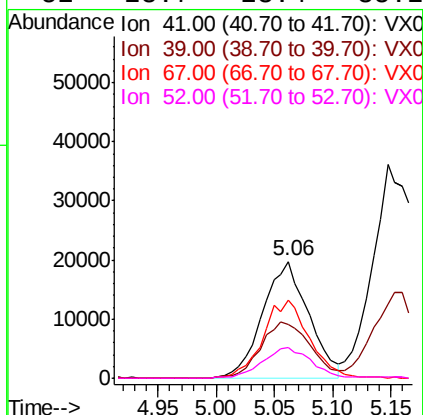
#41
Methacrylonitrile
Concen: 52.745 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.1	42.2	63.2	
67	67.2	53.4	80.0	
52	28.7	23.4	35.2	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

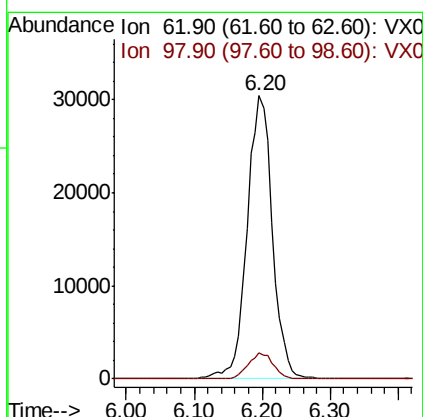
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#42
1,2-Dichloroethane
Concen: 52.291 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	17.8	





#43

Isopropyl Acetate

Concen: 51.186 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Instrument :

MSVOA_X

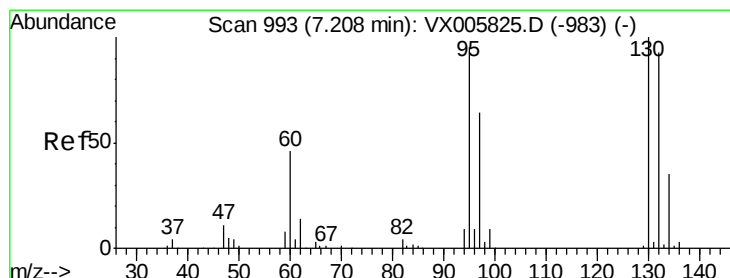
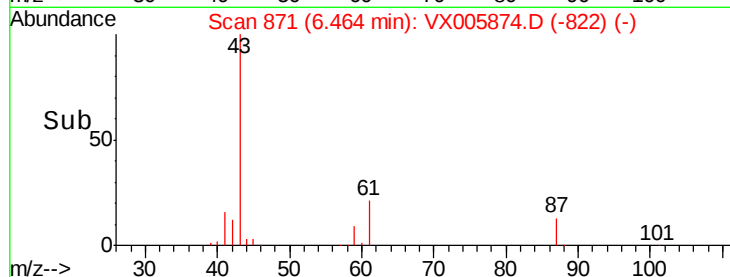
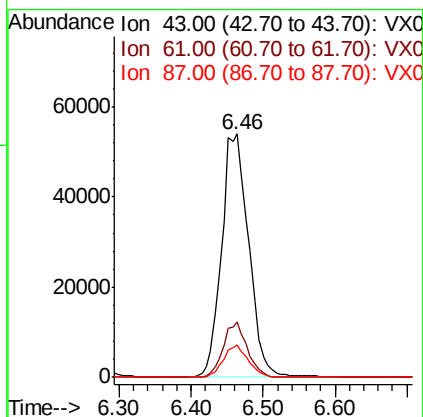
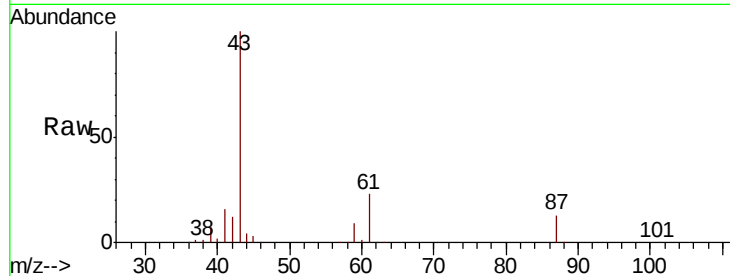
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	140884
Ion	Ratio	Lower	Upper
43	100		
61	20.3	14.6	22.0
87	12.2	9.6	14.4

Manual Integrations
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#44

Trichloroethene

Concen: 51.444 ug/l

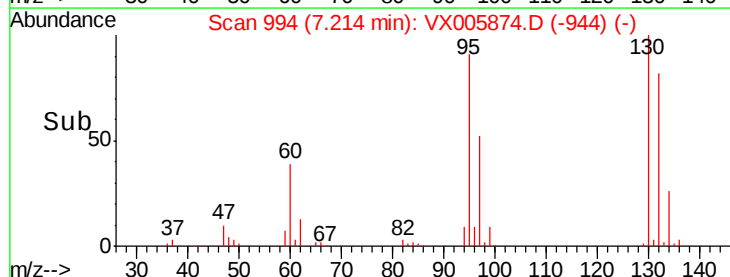
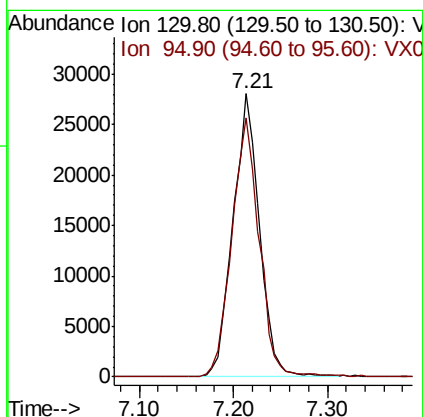
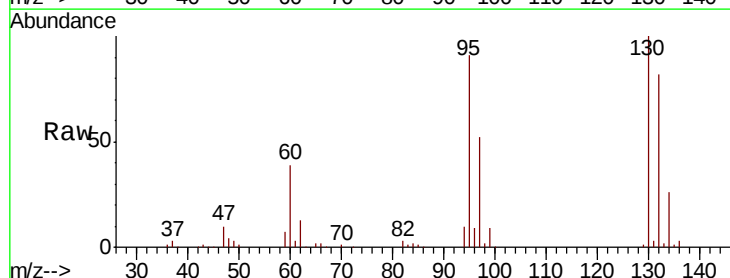
RT: 7.21 min Scan# 994

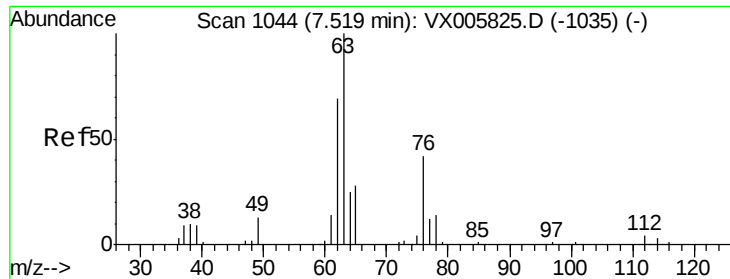
Delta R.T. 0.01 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Tgt Ion:	130	Resp:	55013
Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	194.2





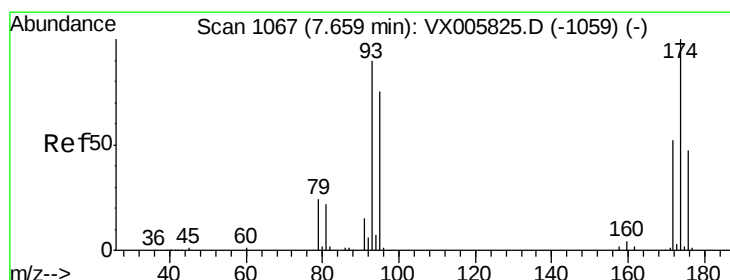
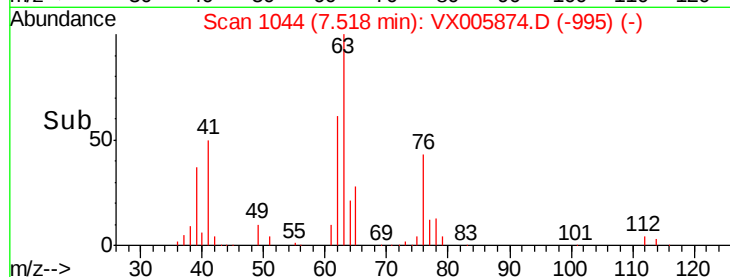
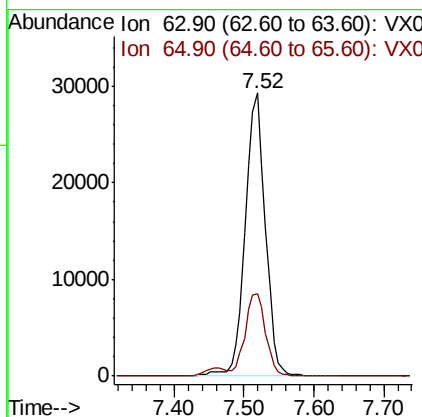
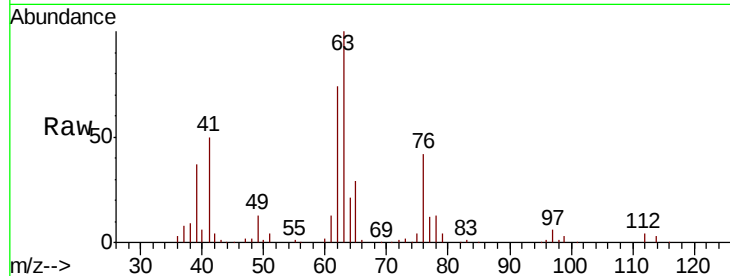
#45
 1,2-Dichloropropane
 Concen: 57.399 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 58665
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.8 37.2

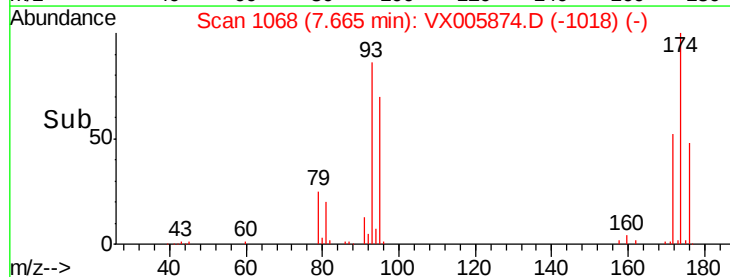
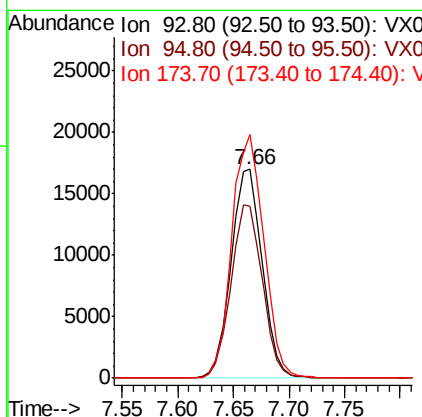
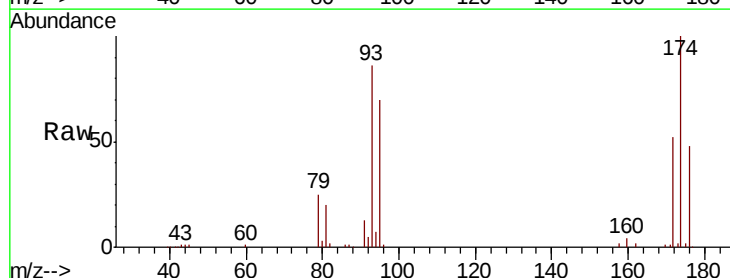
Manual Integrations
 APPROVED

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#46
 Dibromomethane
 Concen: 51.511 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Tgt Ion: 93 Resp: 33037
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.4 101.0
 174 119.3 91.5 137.3





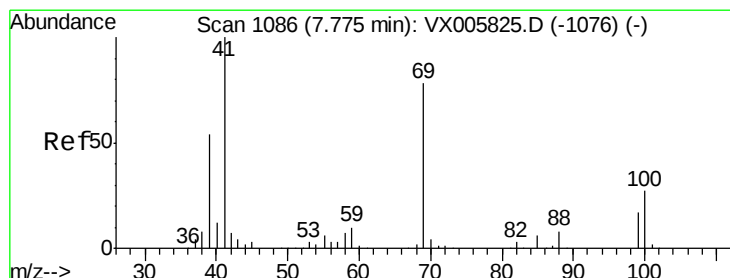
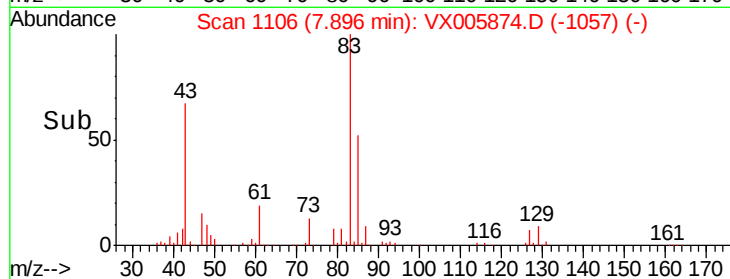
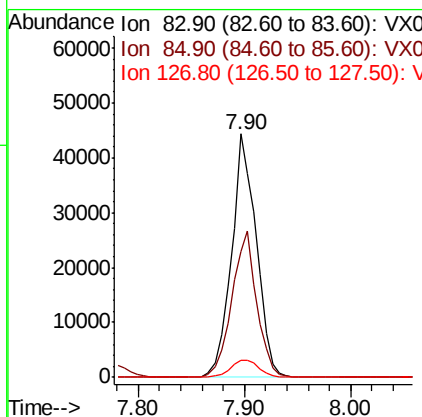
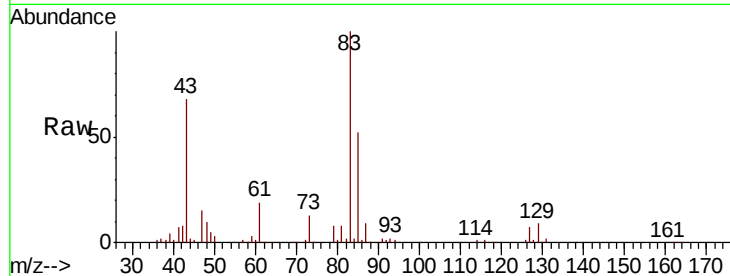
#47
Bromodichloromethane
Concen: 59.690 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	51.9	50.2	75.4
127	6.8	6.9	10.3

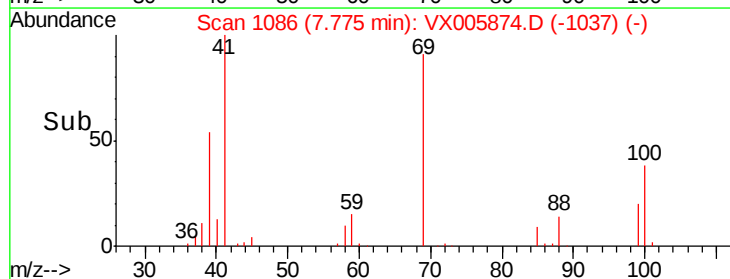
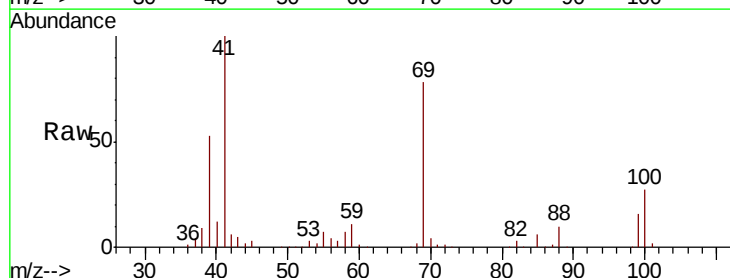
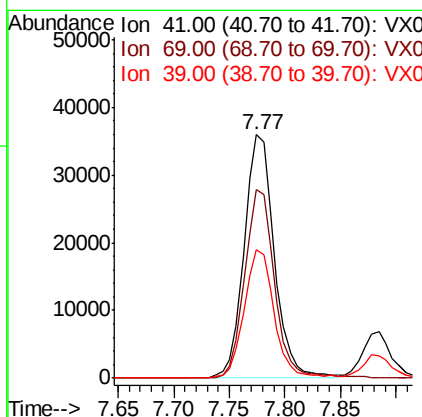
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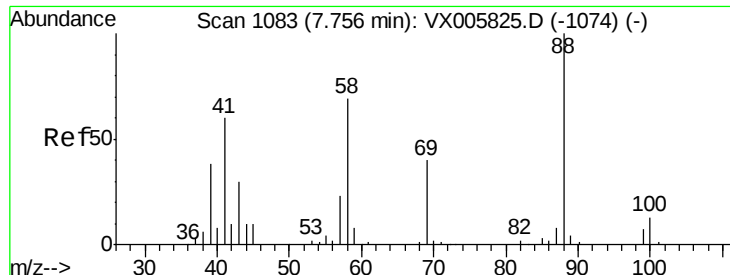
MMDadoda
11/12/2018 9:11:58 AM



#48
Methyl methacrylate
Concen: 55.158 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.8	63.2	94.8
39	52.2	42.2	63.2





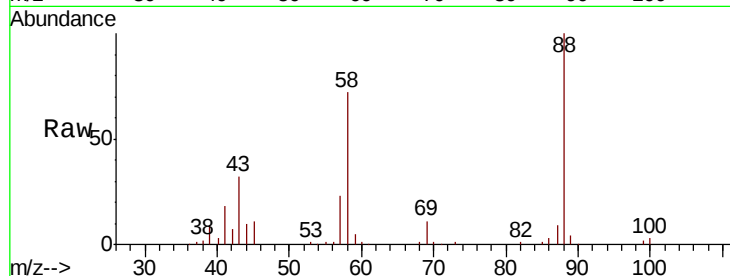
#49
1,4-Dioxane
Concen: 1100.737 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	27.4	41.0
58	74.2	59.4	89.2

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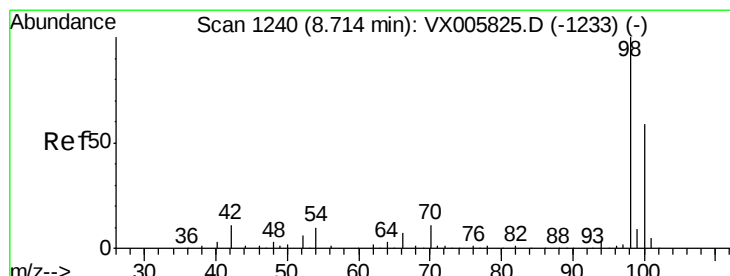
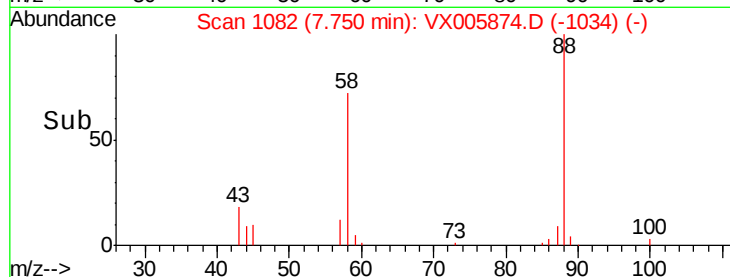
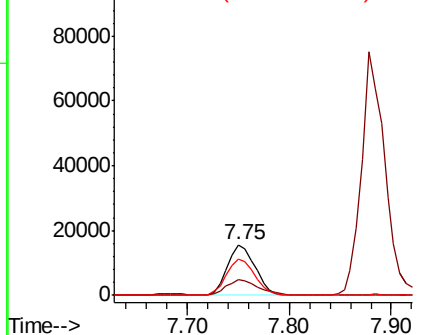


Abundance

Ion 88.00 (87.70 to 88.70): VX0

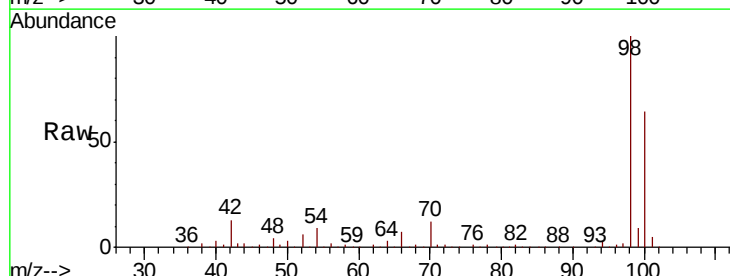
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.383 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

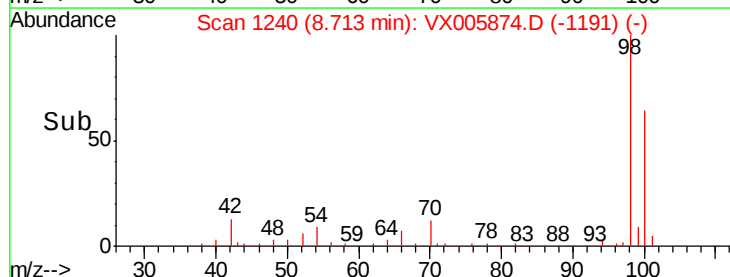
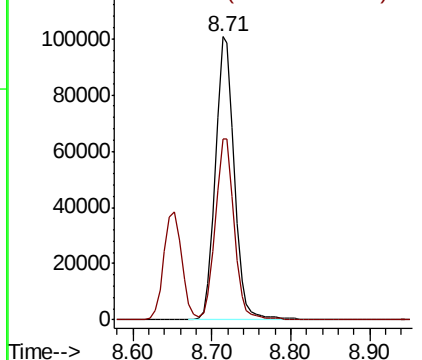
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.3	76.9



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 263.545 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 457161

Ion Ratio Lower Upper

43 100

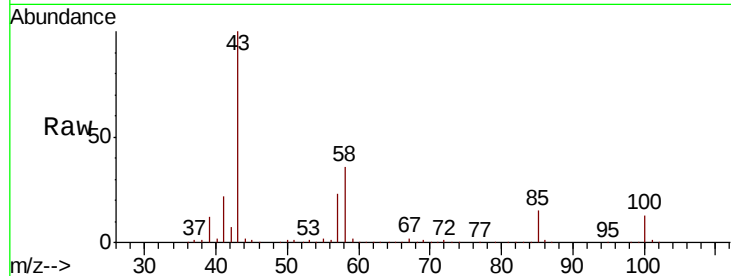
58 36.8 29.7 44.5

Manual Integrations

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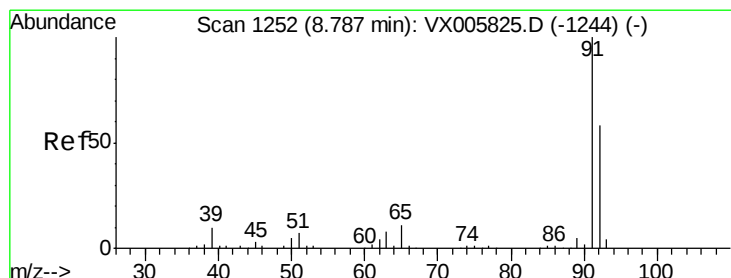
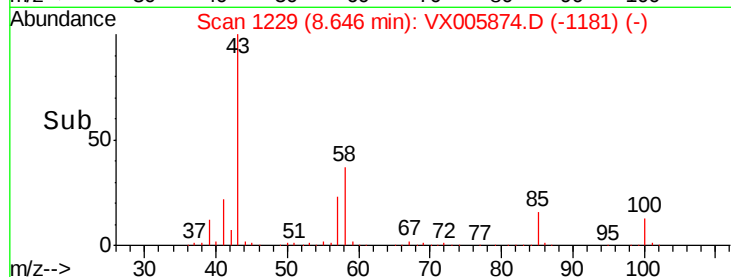
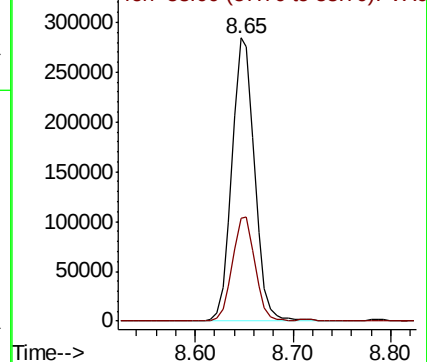
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.655 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005874.D

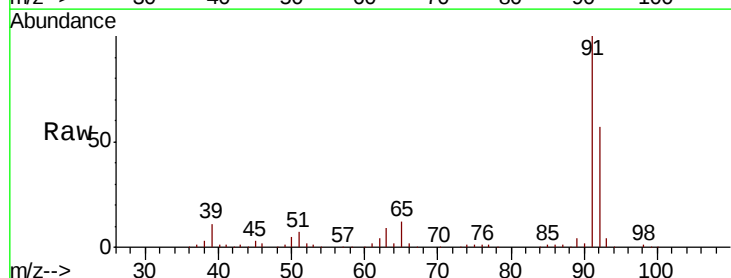
Acq: 09 Nov 2018 21:18

Tgt Ion: 92 Resp: 116860

Ion Ratio Lower Upper

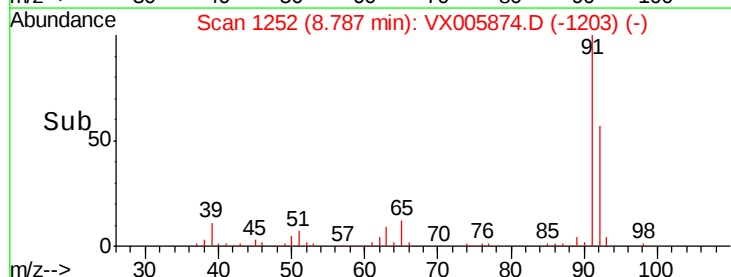
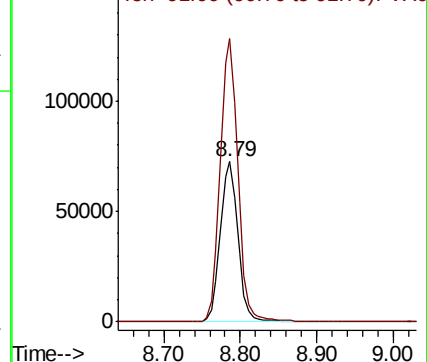
92 100

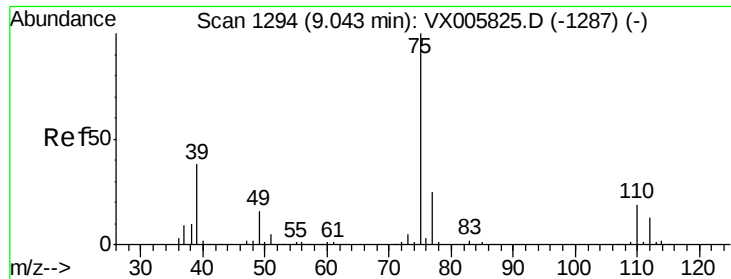
91 176.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





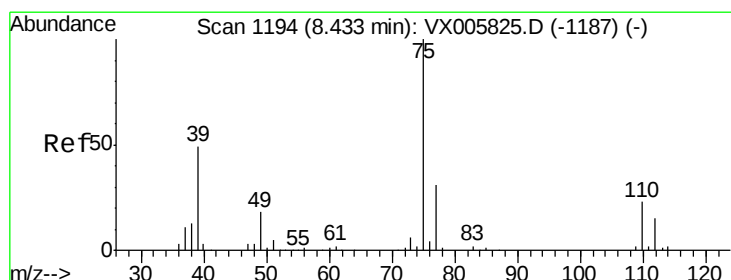
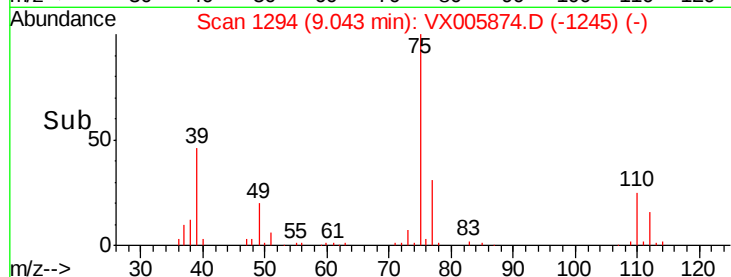
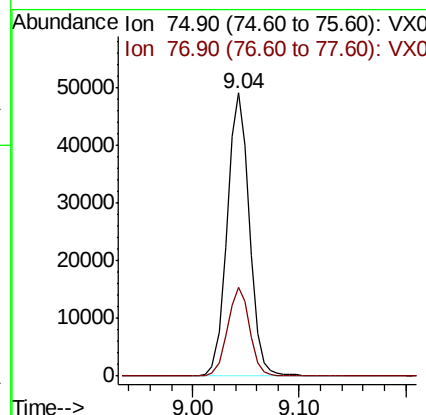
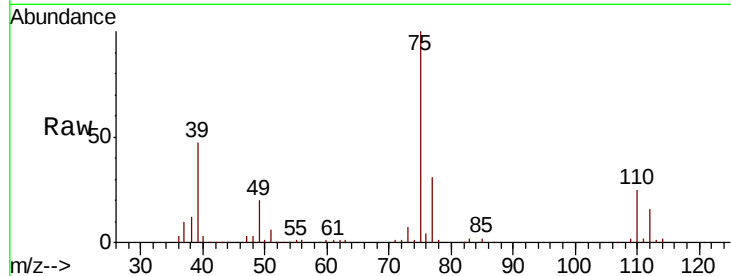
#53
t-1,3-Dichloropropene
Concen: 50.122 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 71693
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

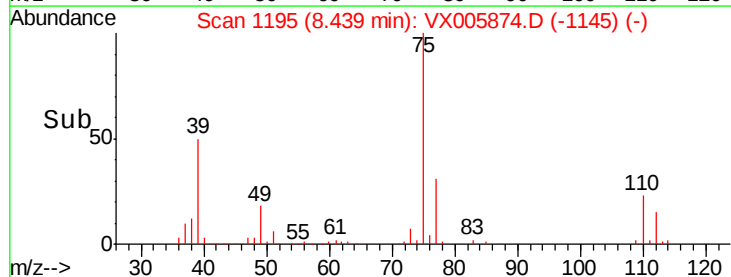
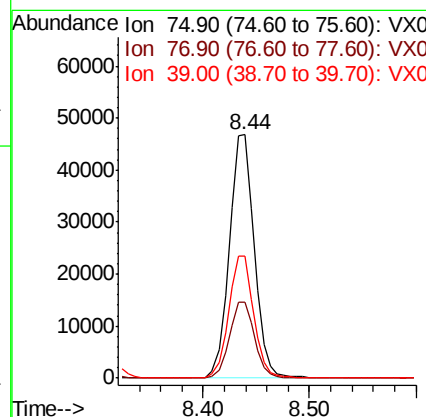
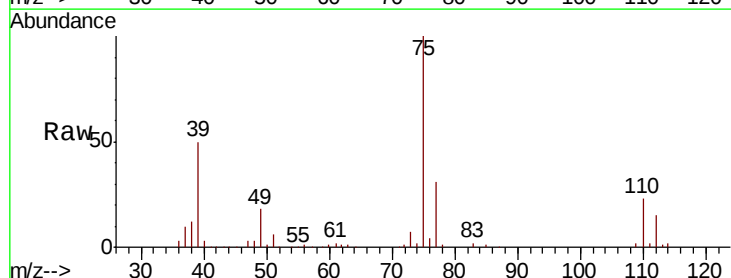
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#54
cis-1,3-Dichloropropene
Concen: 52.717 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion: 75 Resp: 76856
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
39 49.9 38.2 57.2





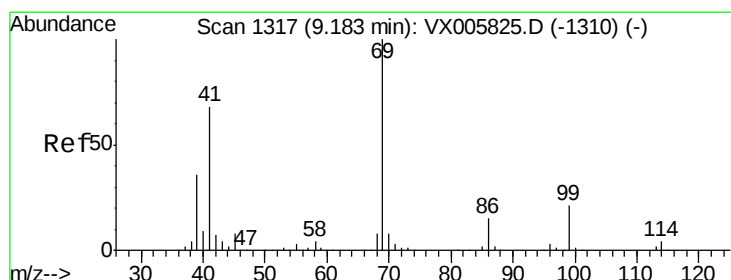
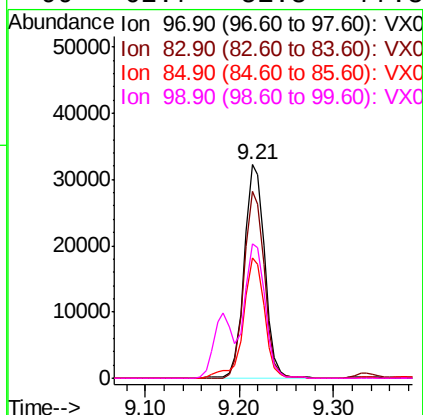
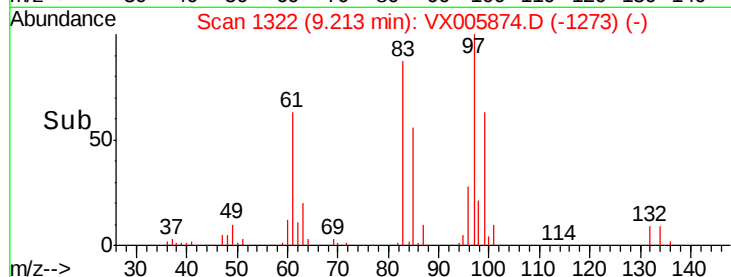
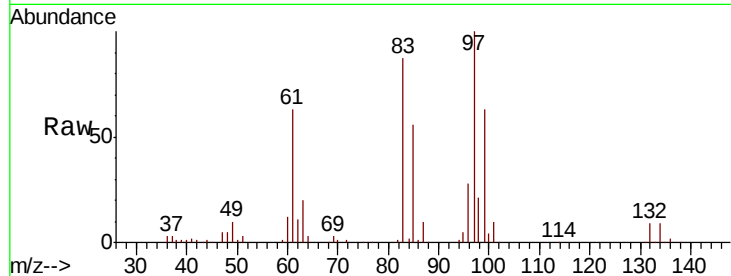
#55
 1,1,2-Trichloroethane
 Concen: 46.547 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	87.4	70.7	106.1	
85	56.2	45.8	68.6	
99	62.7	51.8	77.8	

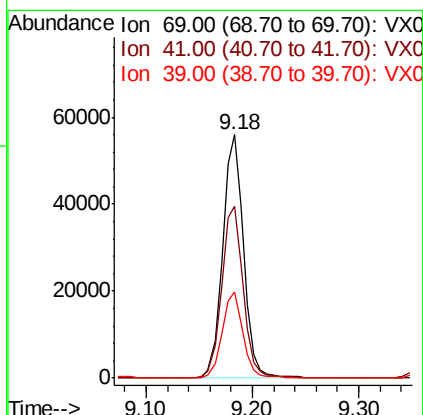
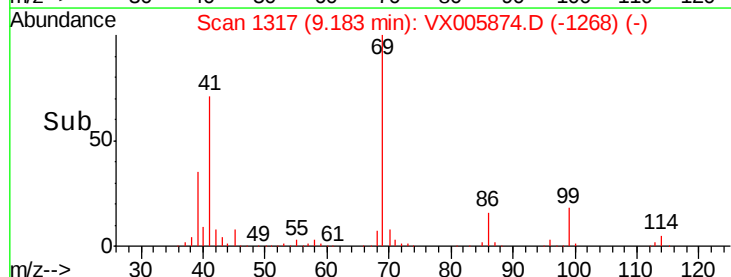
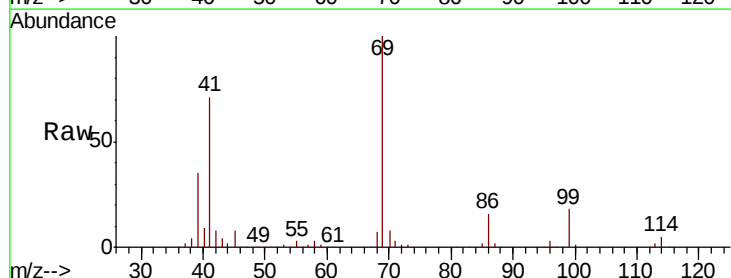
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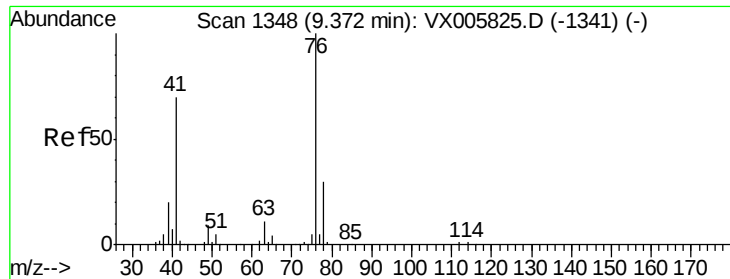
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#56
 Ethyl methacrylate
 Concen: 49.007 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	72.8	57.0	85.6	
39	35.9	28.3	42.5	





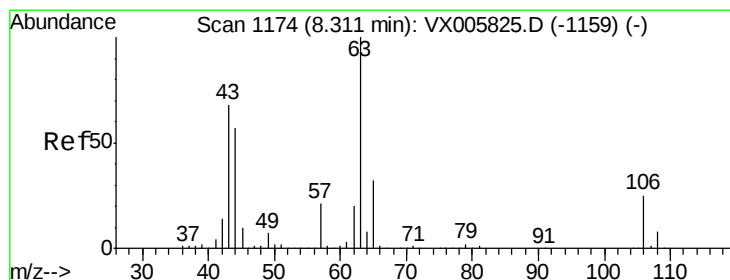
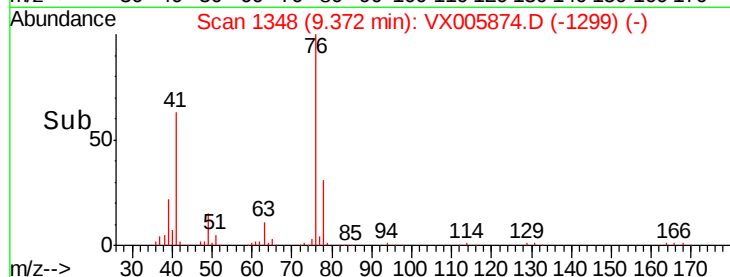
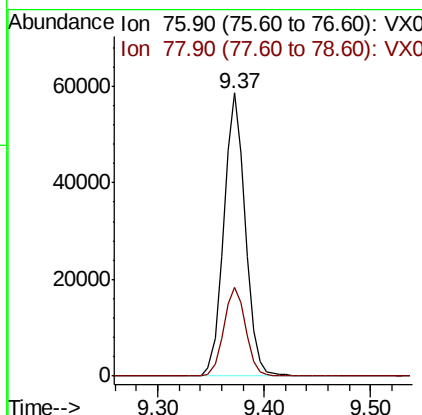
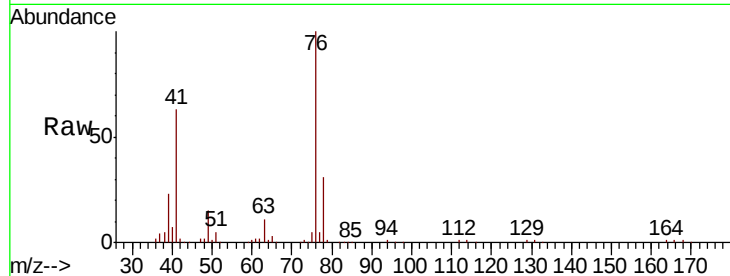
#57
 1,3-Dichloropropane
 Concen: 46.922 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.3	37.9

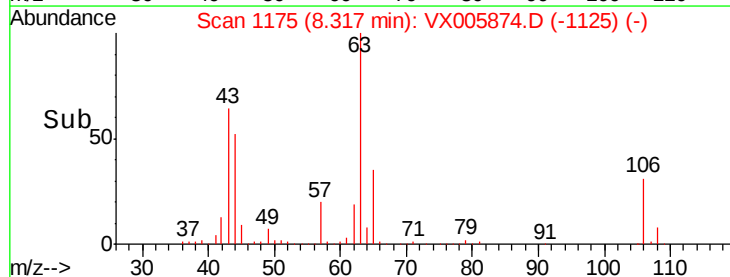
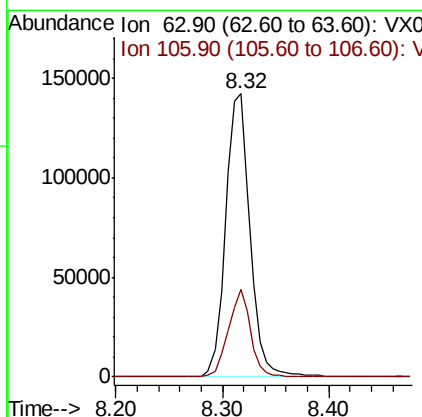
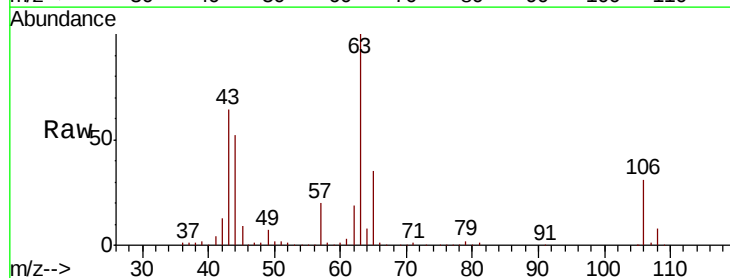
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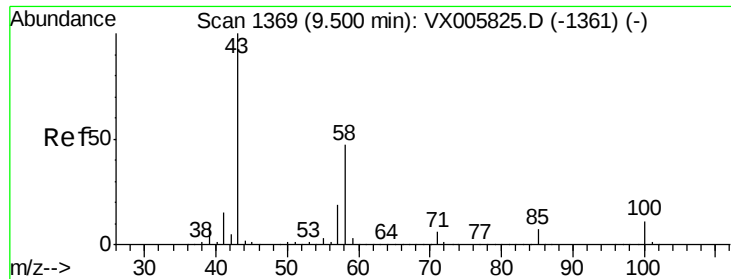
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 265.690 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	21.3	31.9





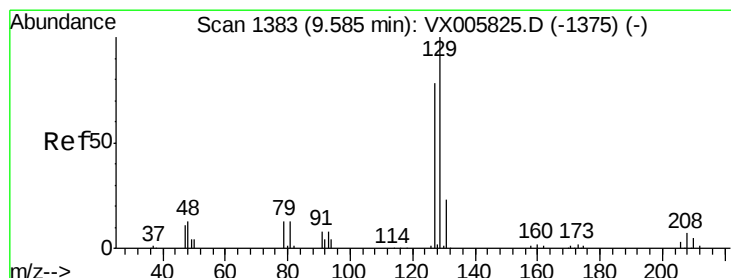
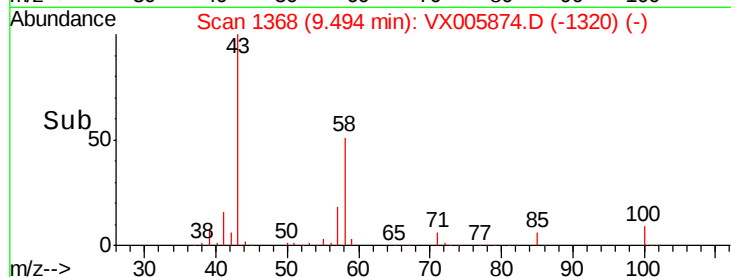
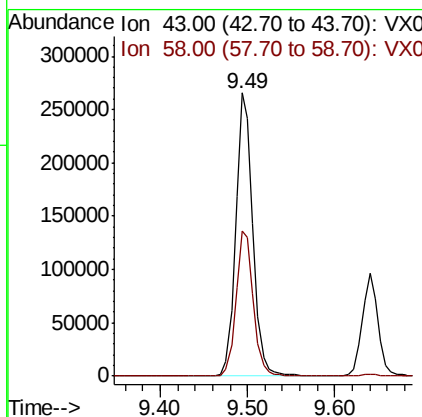
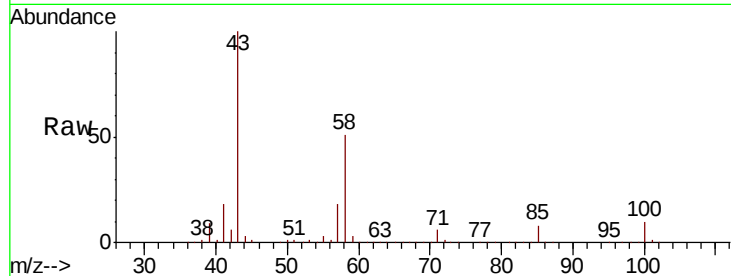
#59
2-Hexanone
Concen: 236.697 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 361916
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.8

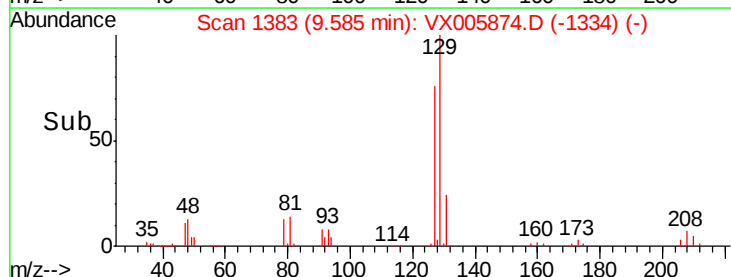
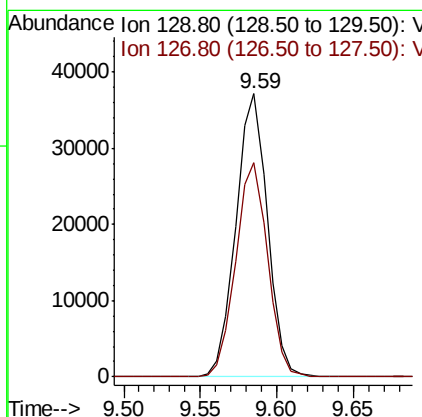
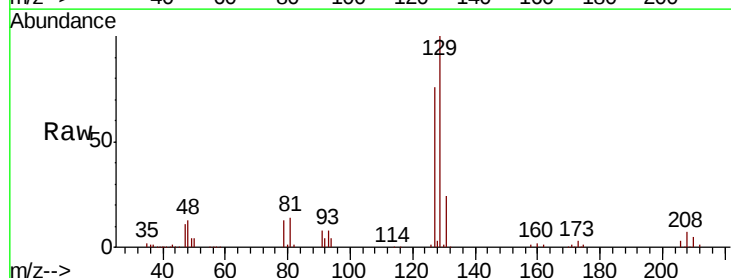
Manual Integrations
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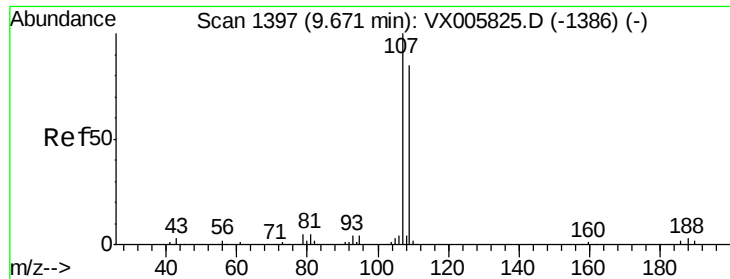
MMDadoda
11/12/2018 9:11:58 AM



#60
Dibromochloromethane
Concen: 46.820 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion: 129 Resp: 53073
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 43.883 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 50896

Ion Ratio Lower Upper

107 100

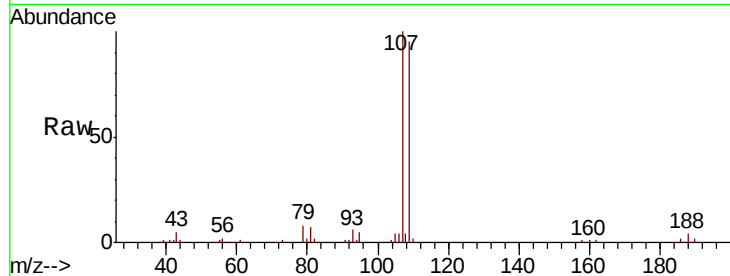
109 95.6 75.7 113.5

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

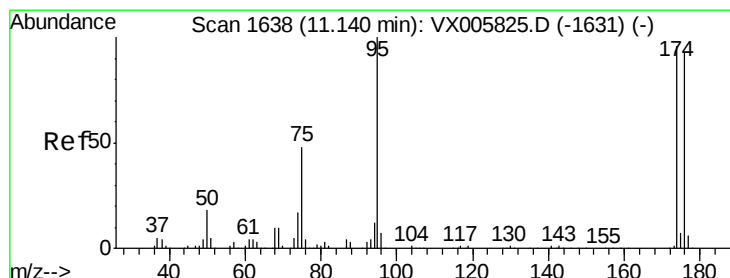
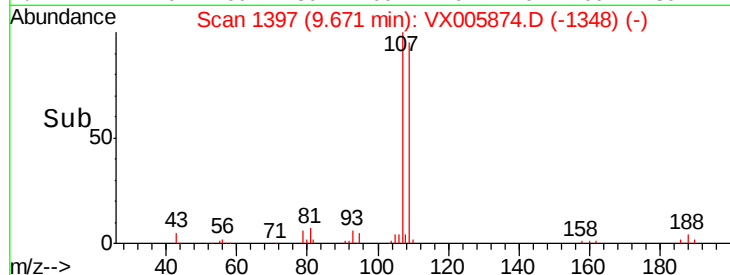
20000

10000

0

Time-->

9.60 9.70



#62

4-Bromofluorobenzene

Concen: 51.751 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

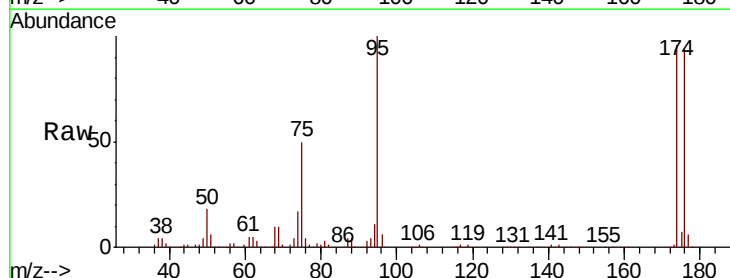
Tgt Ion: 95 Resp: 63041

Ion Ratio Lower Upper

95 100

174 91.3 0.0 184.4

176 88.9 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

60000

50000

40000

30000

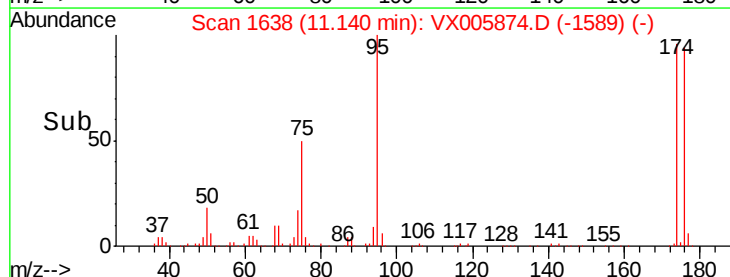
20000

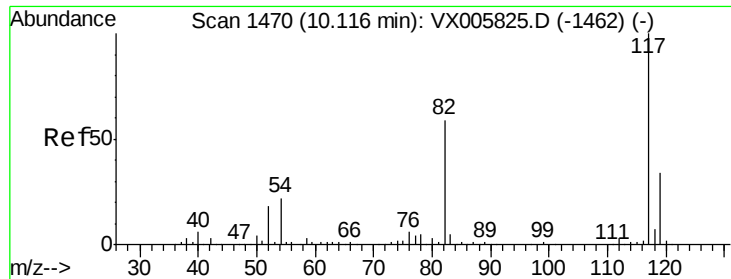
10000

0

Time-->

11.10 11.20





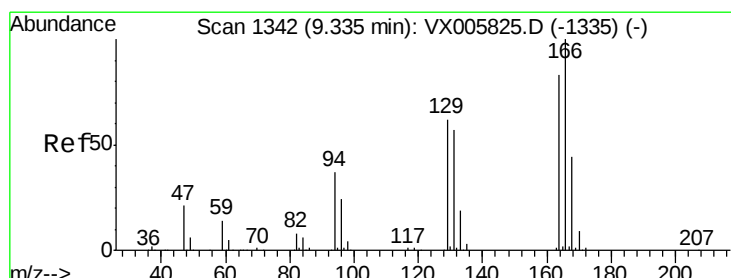
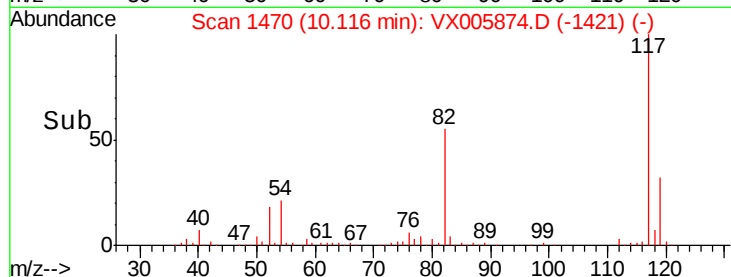
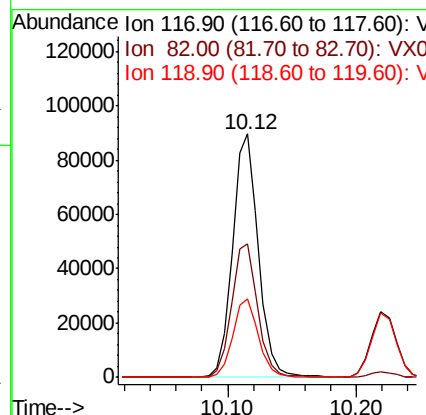
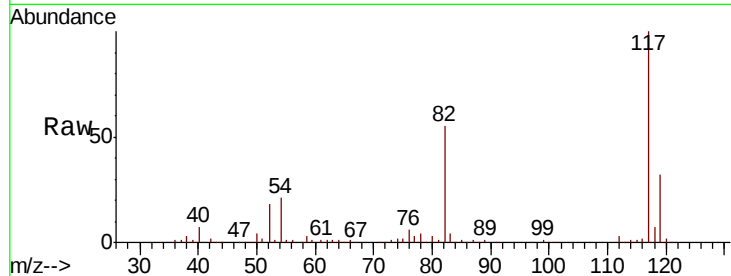
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.1	66.1
119	32.5	26.2	39.2

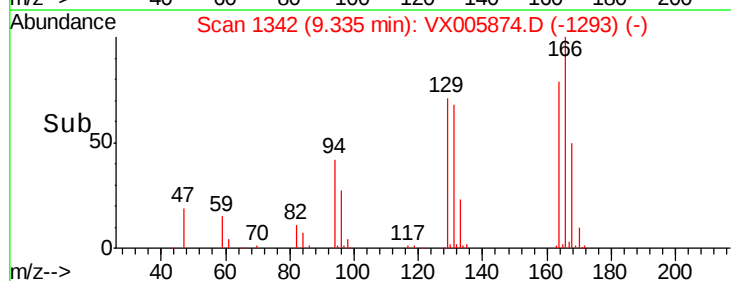
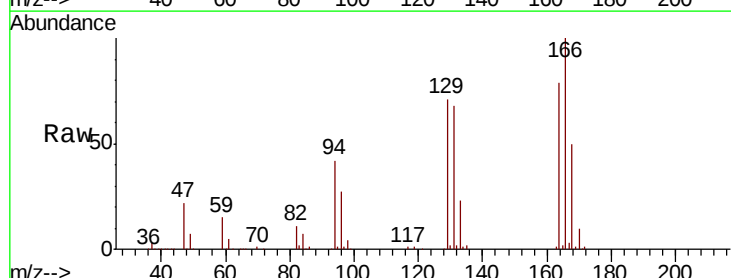
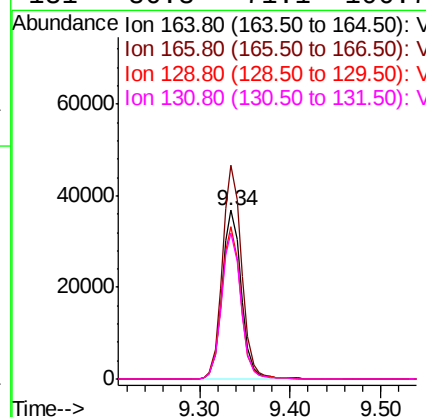
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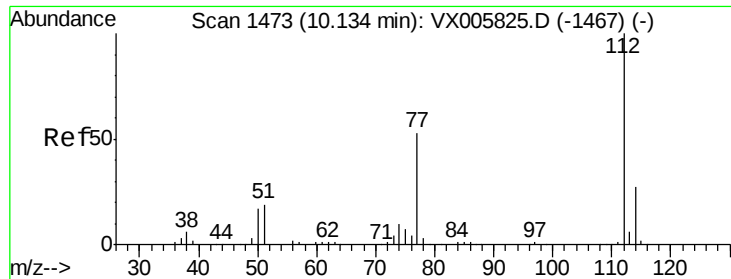
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#64
Tetrachloroethene
Concen: 51.095 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.9	152.9
129	90.4	72.6	109.0
131	86.3	71.1	106.7





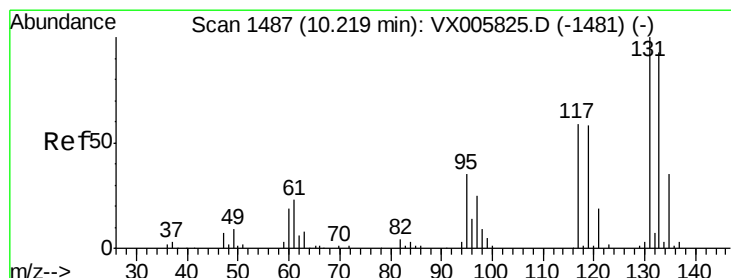
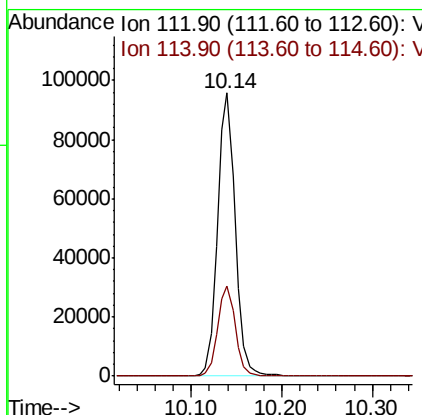
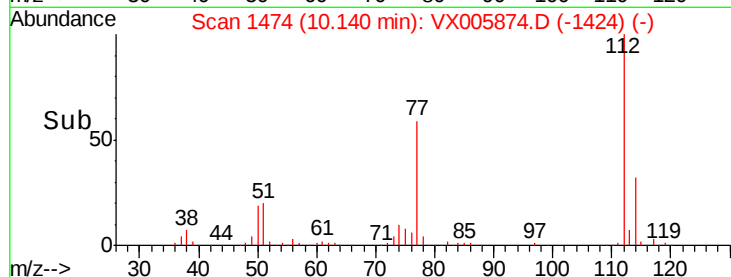
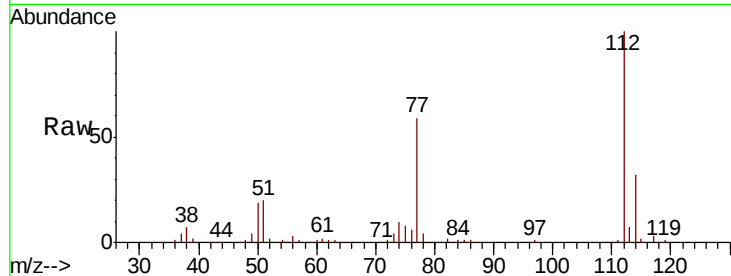
#65
Chlorobenzene
Concen: 52.013 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 130811
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6

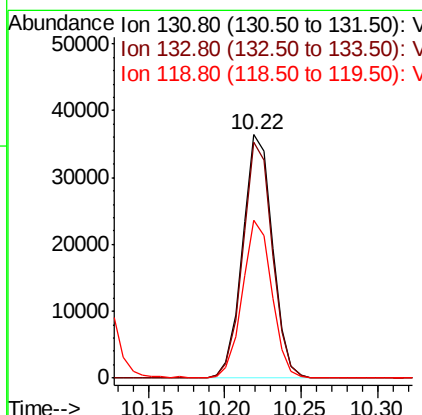
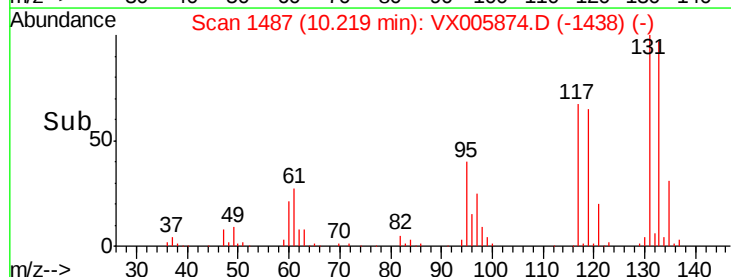
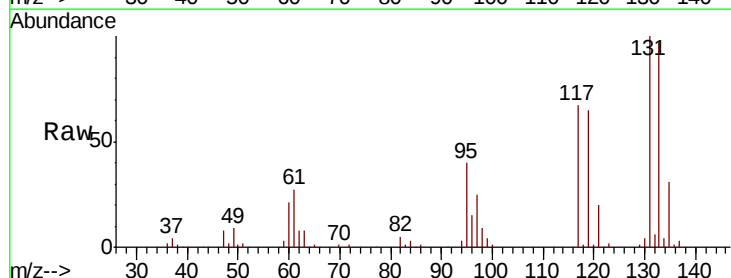
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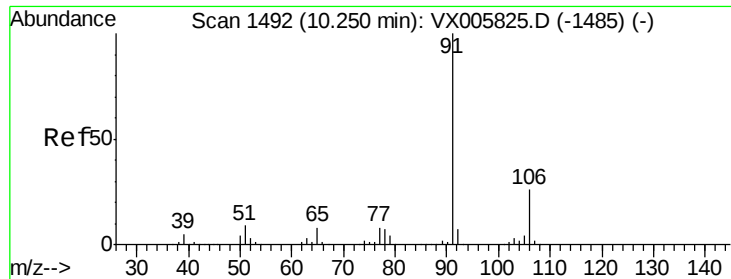
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.635 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion:131 Resp: 49519
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 63.6 31.8 95.3





#67

Ethyl Benzene

Concen: 56.773 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 228957

Ion Ratio Lower Upper

91 100

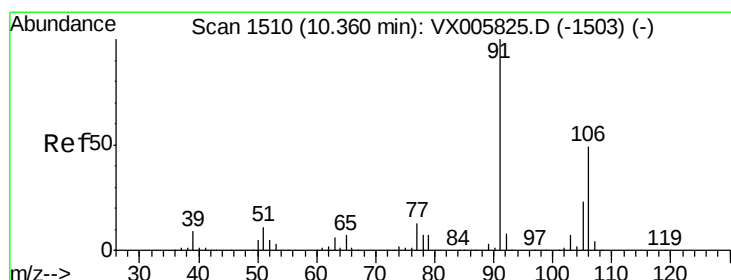
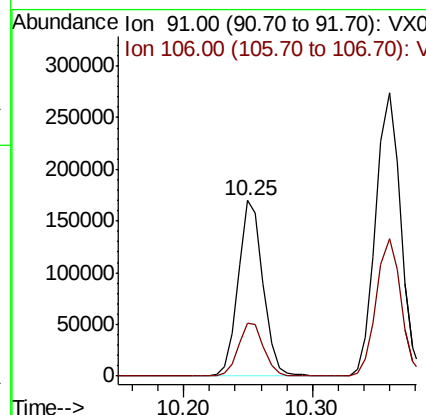
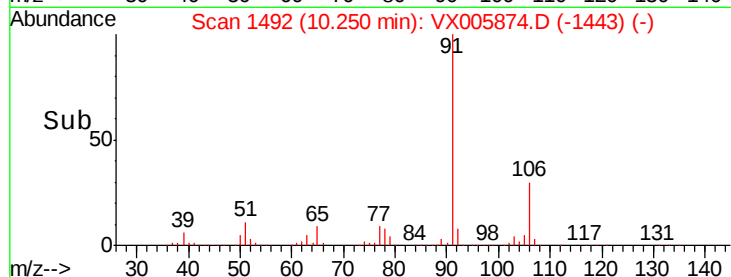
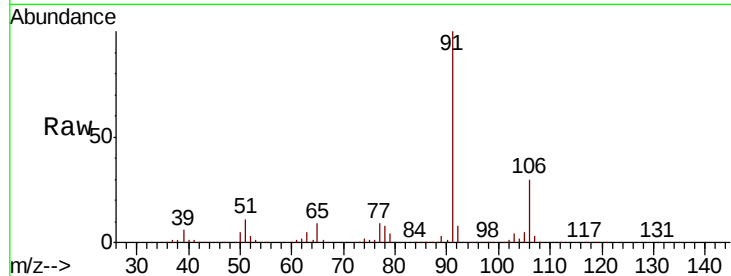
106 30.4 24.4 36.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 114.953 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005874.D

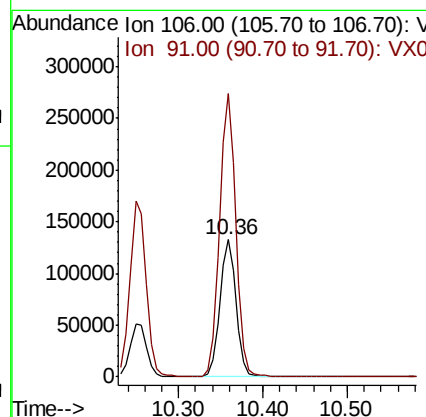
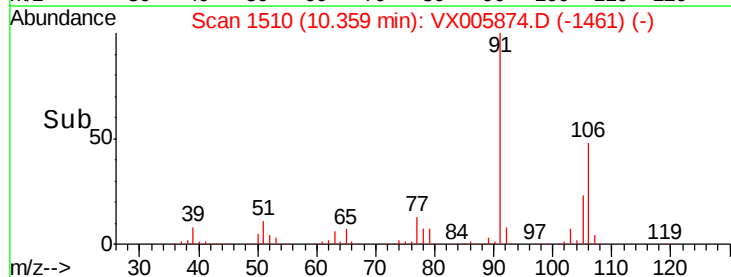
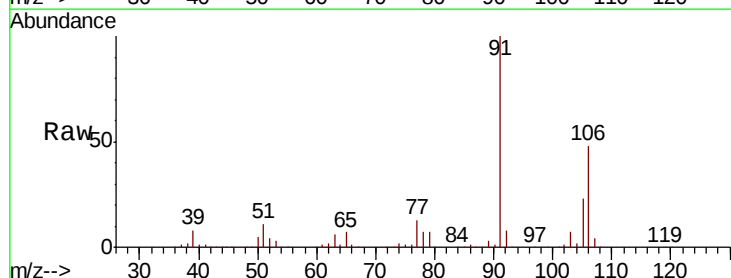
Acq: 09 Nov 2018 21:18

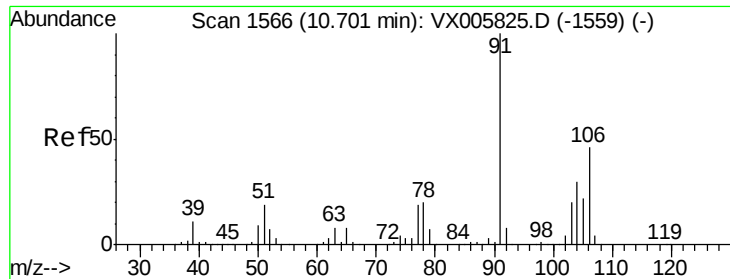
Tgt Ion: 106 Resp: 176830

Ion Ratio Lower Upper

106 100

91 207.3 164.2 246.4





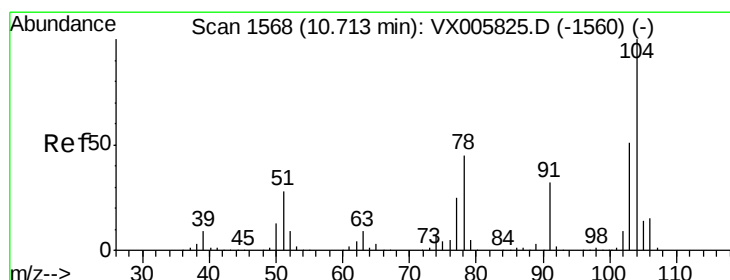
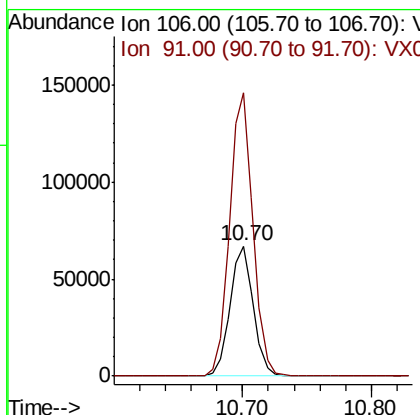
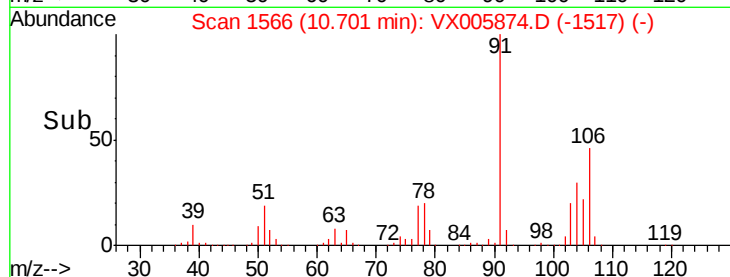
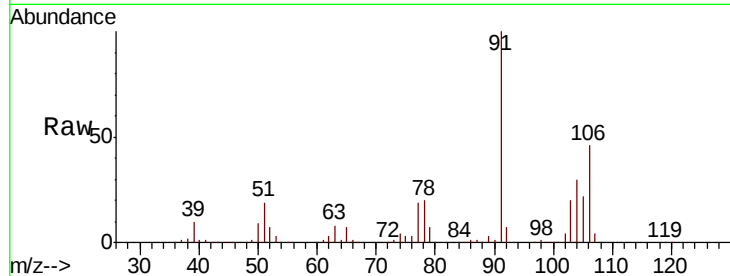
#69
o-Xylene
Concen: 61.551 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 84902
Ion Ratio Lower Upper
106 100
91 218.1 108.5 325.5

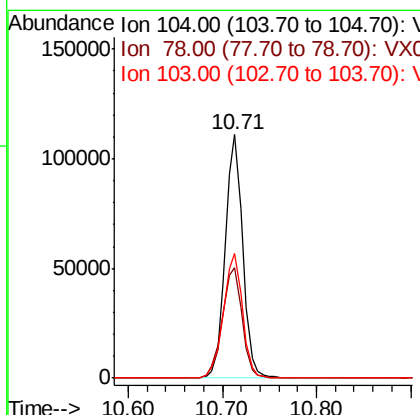
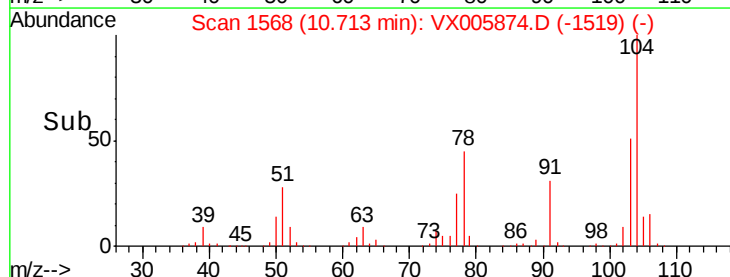
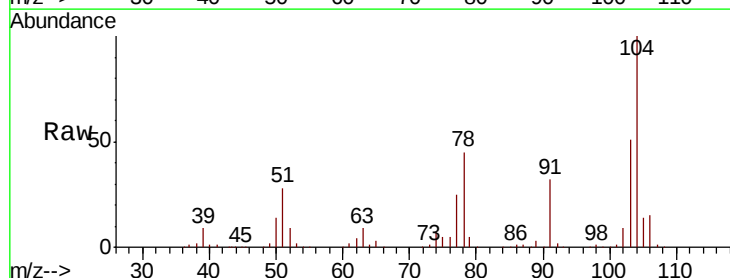
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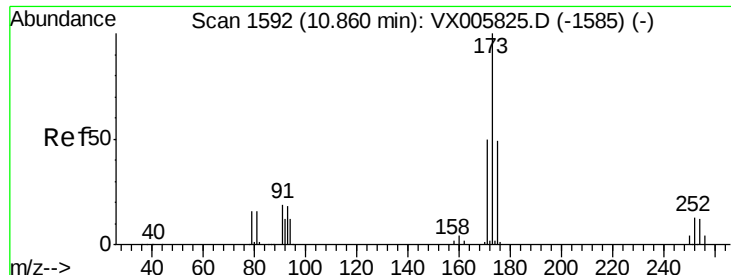
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#70
Styrene
Concen: 62.981 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion:104 Resp: 143312
Ion Ratio Lower Upper
104 100
78 51.5 40.2 60.4
103 55.8 44.9 67.3





#71

Bromoform

Concen: 59.951 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 43942

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.3

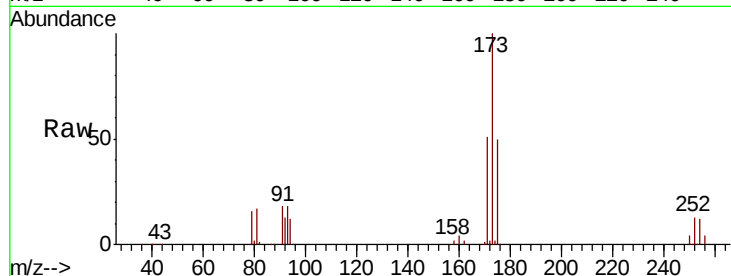
254 0.0 0.2 0.2#

Manual Integrations

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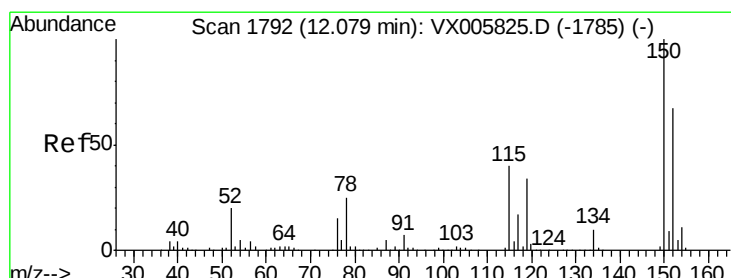
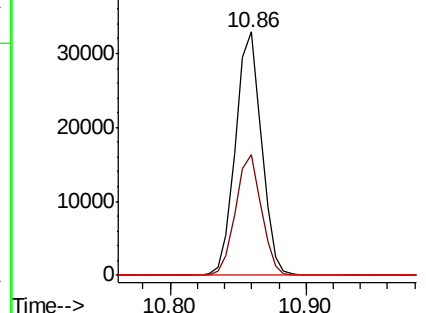
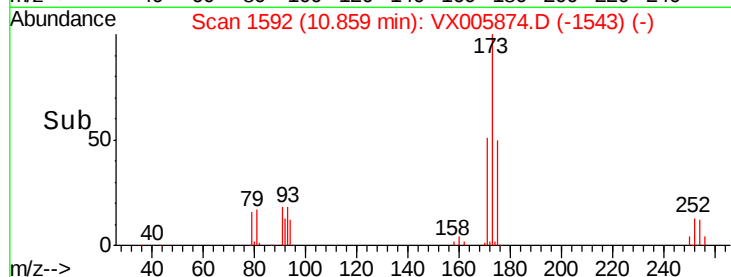
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

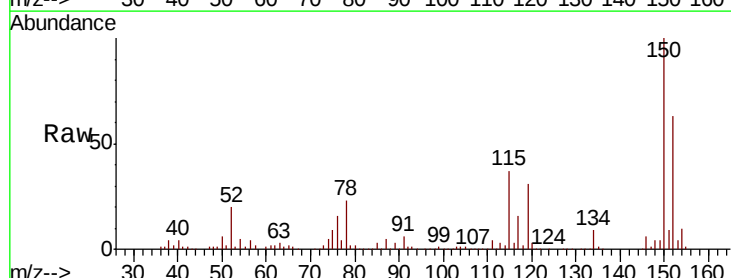
Tgt Ion:152 Resp: 71288

Ion Ratio Lower Upper

152 100

115 79.4 39.4 118.1

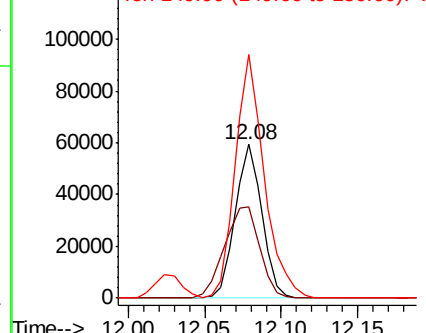
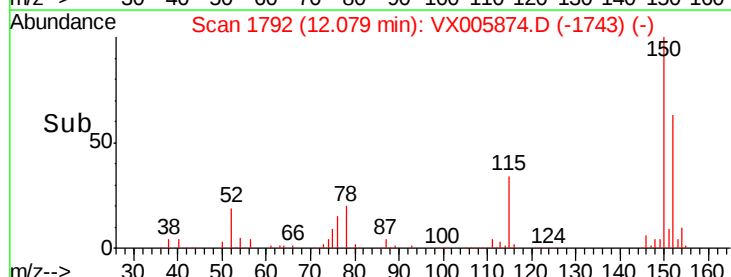
150 173.0 0.0 346.4

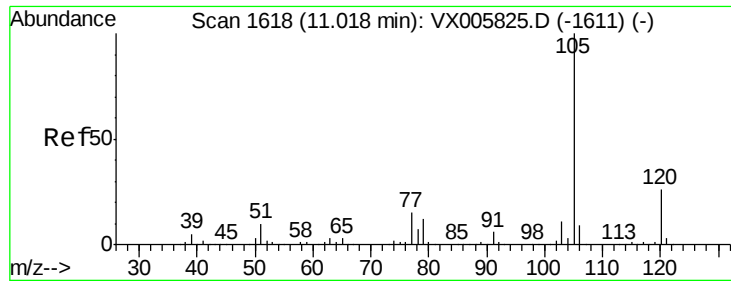


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





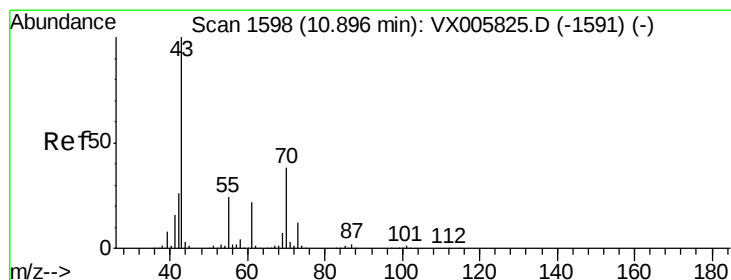
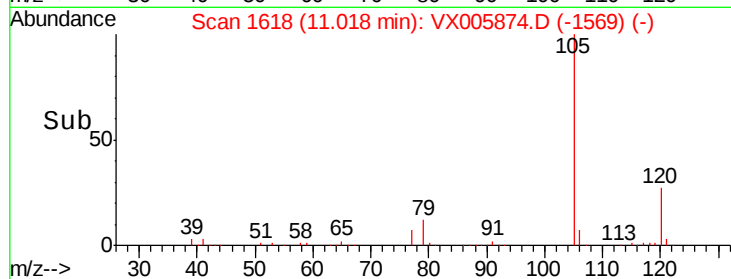
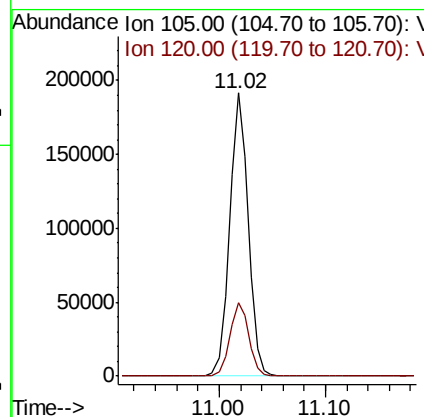
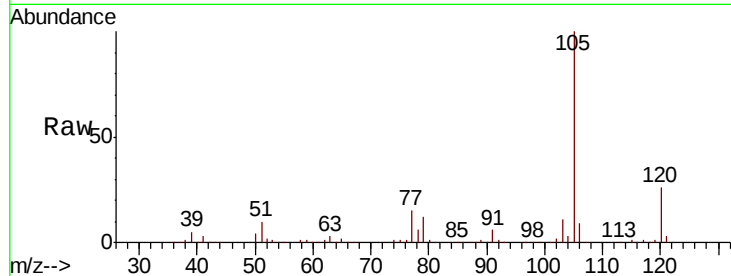
#73
Isopropylbenzene
Concen: 56.550 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 233126
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

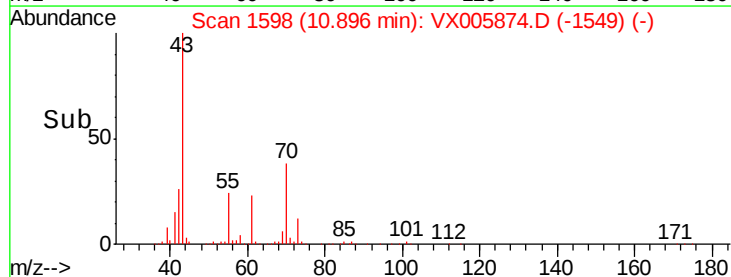
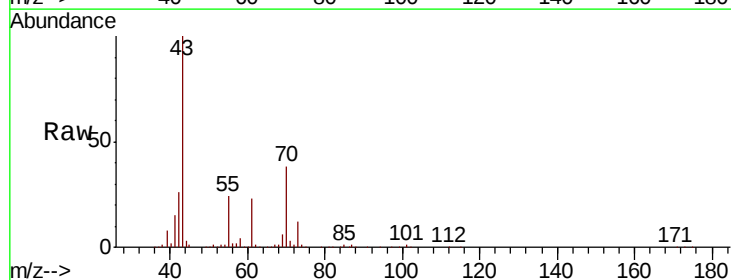
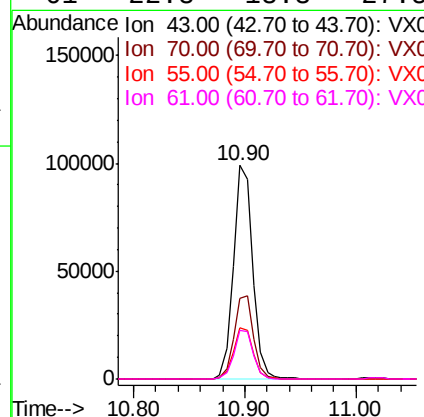
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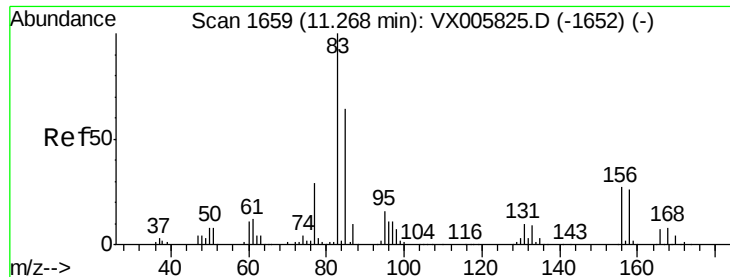
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#74
N-ethyl acetate
Concen: 51.125 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion: 43 Resp: 118325
Ion Ratio Lower Upper
43 100
70 39.1 31.6 47.4
55 24.7 19.7 29.5
61 22.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.600 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Instrument :

MSVOA_X

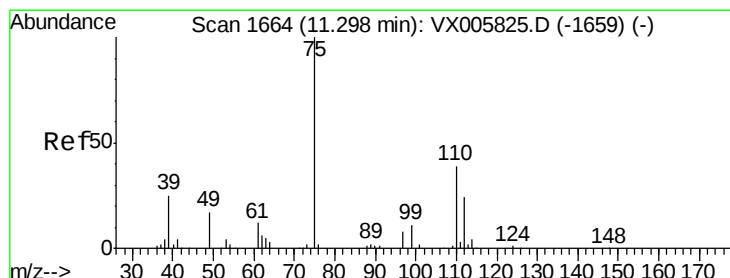
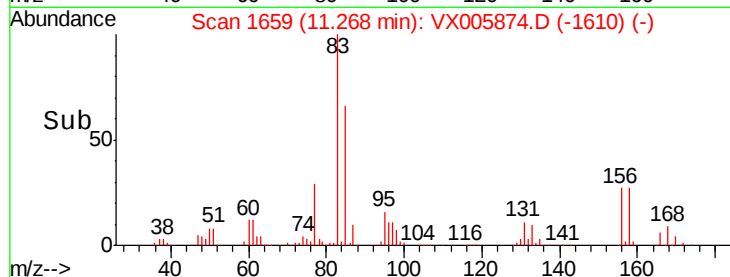
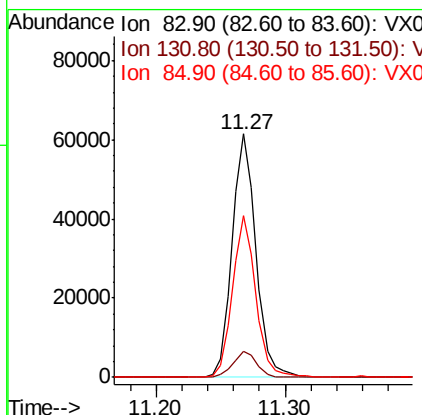
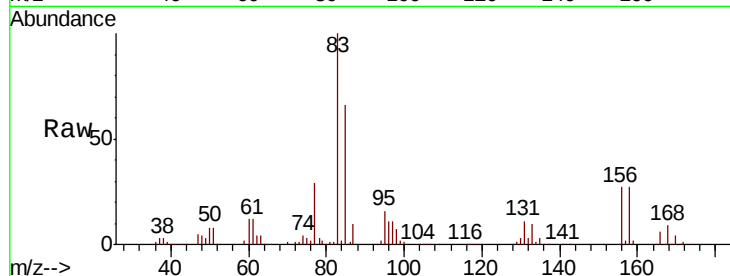
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	79592
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	15.9
85	64.8	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 54.437 ug/l m

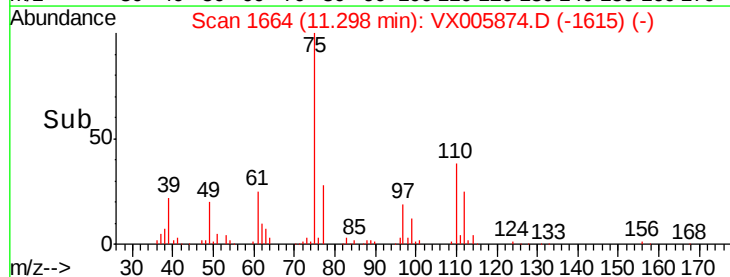
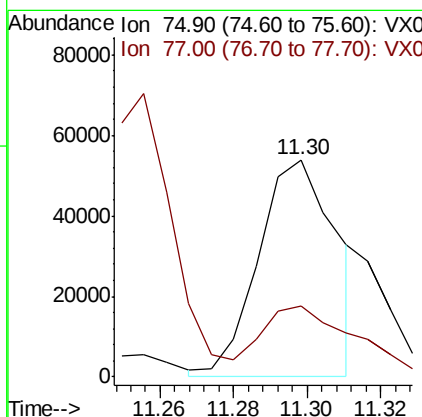
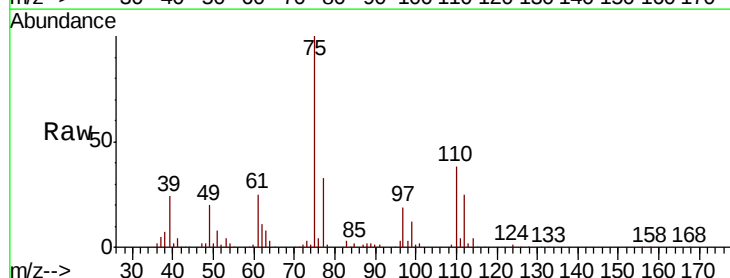
RT: 11.30 min Scan# 1664

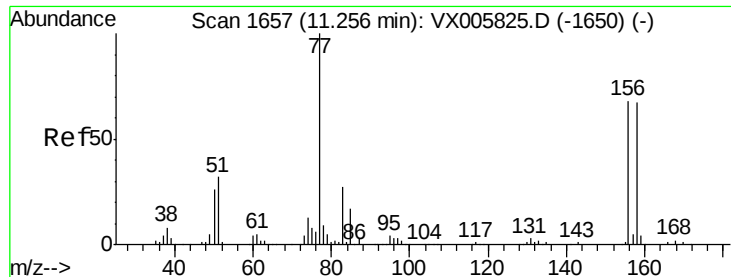
Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Tgt Ion:	75	Resp:	79020
Ion	Ratio	Lower	Upper
75	100		
77	39.5	20.5	61.6





#77

Bromobenzene

Concen: 53.251 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Instrument :

MSVOA_X

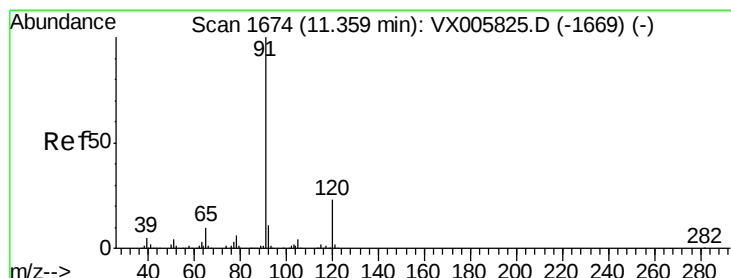
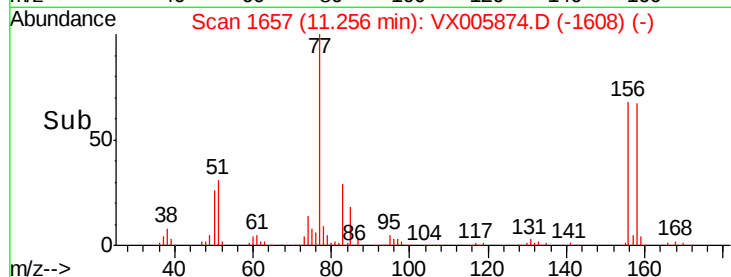
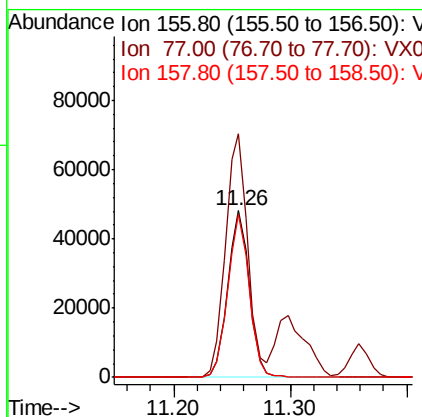
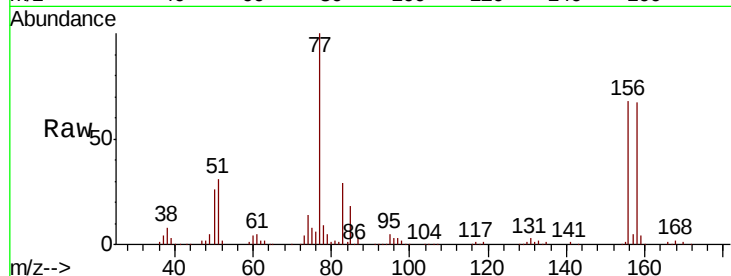
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.0	74.8	224.4
158	96.8	49.1	147.3

Manual Integrations
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MMDadoda
11/12/2018 9:11:58 AM



#78

n-propylbenzene

Concen: 55.980 ug/l

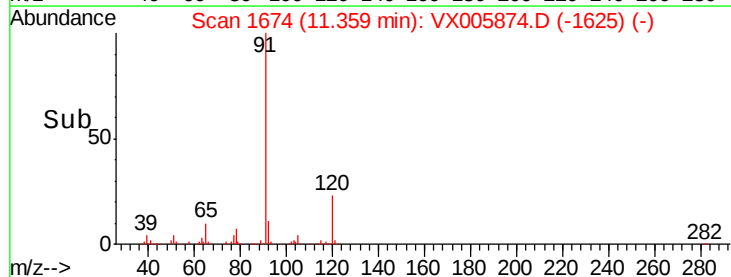
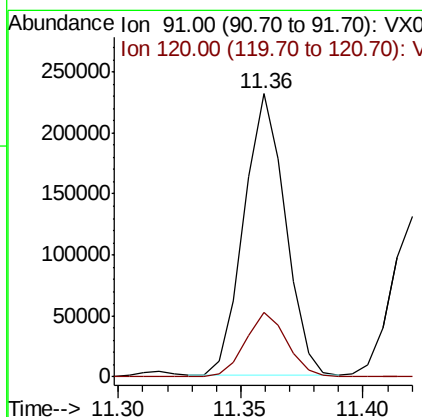
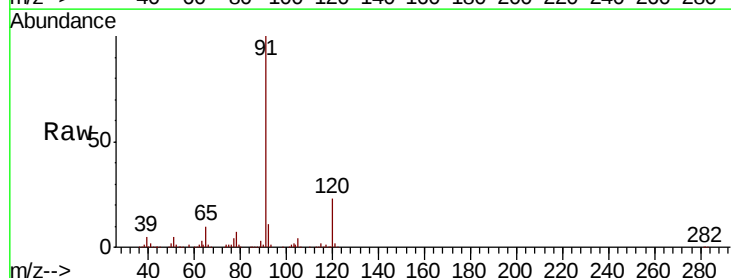
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.9	35.5





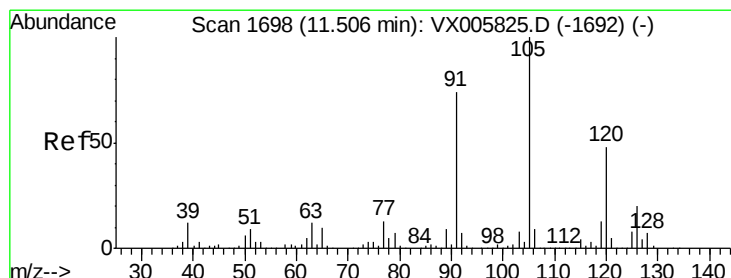
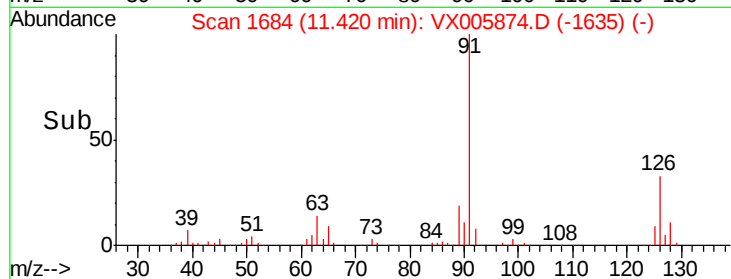
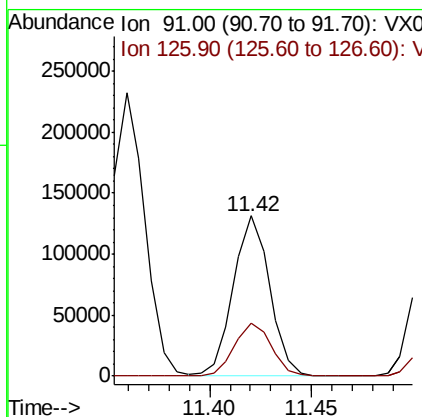
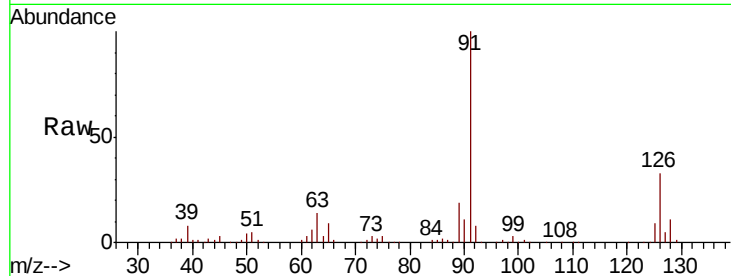
#79
 2-Chlorotoluene
 Concen: 55.104 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 161822
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.3 52.0

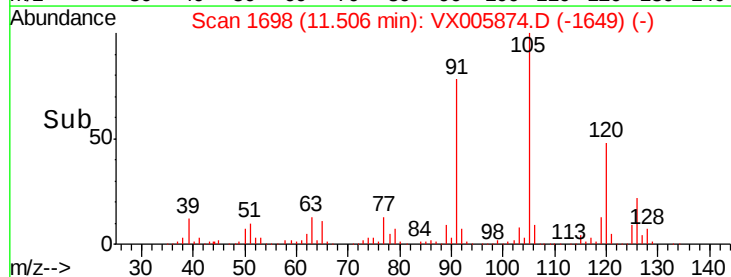
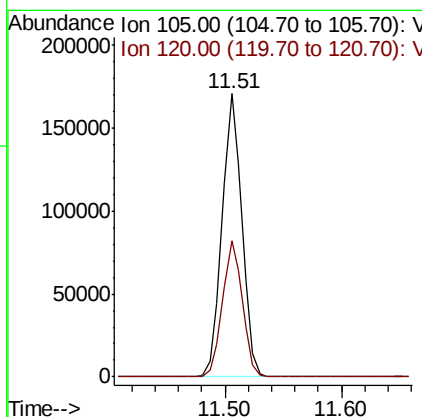
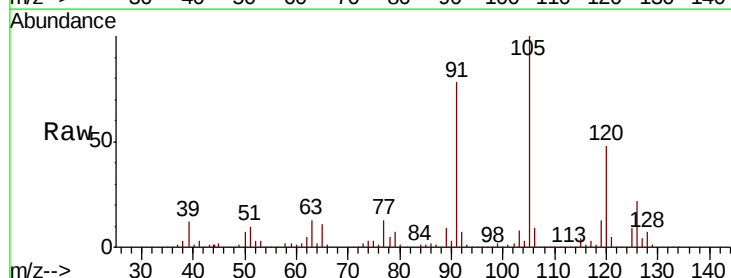
Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 56.972 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Tgt Ion: 105 Resp: 199588
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.2





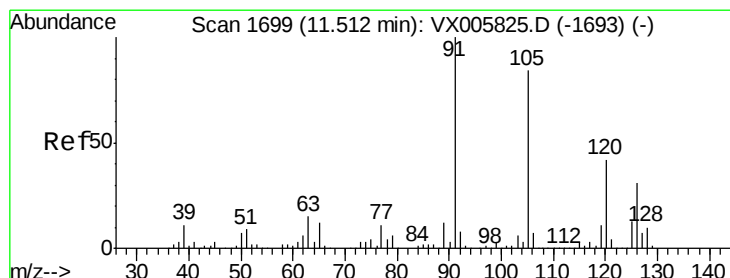
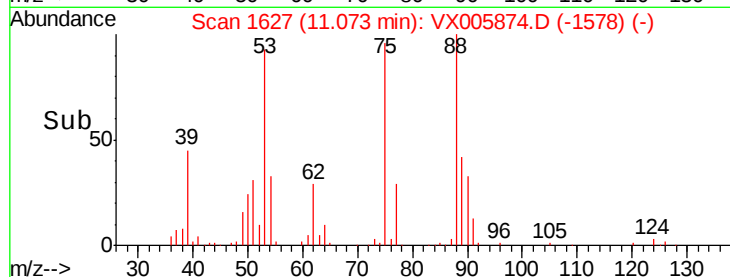
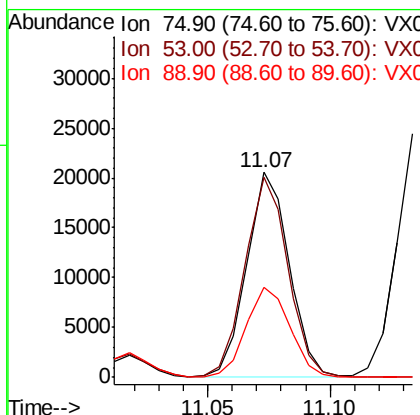
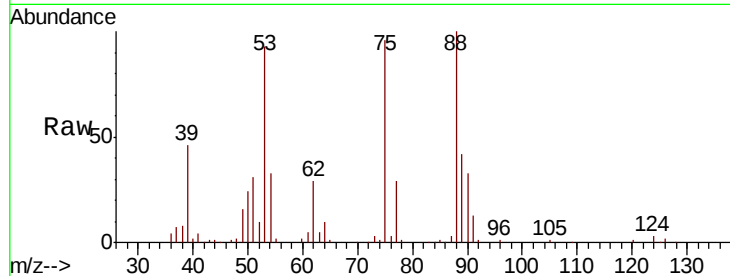
#81
trans-1,4-Dichloro-2-butene
Concen: 54.700 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.7	80.2	120.2
89	45.2	39.8	59.8

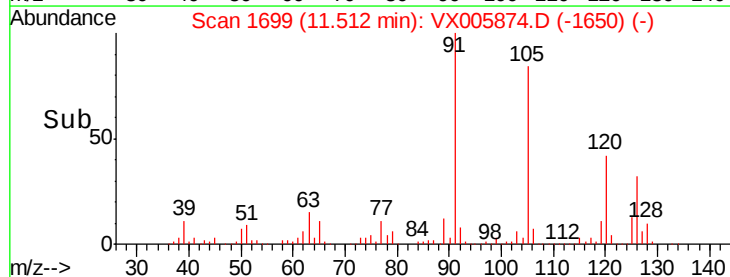
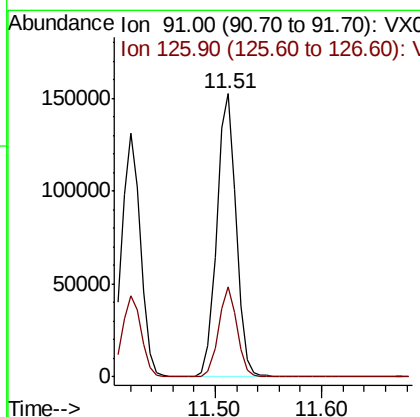
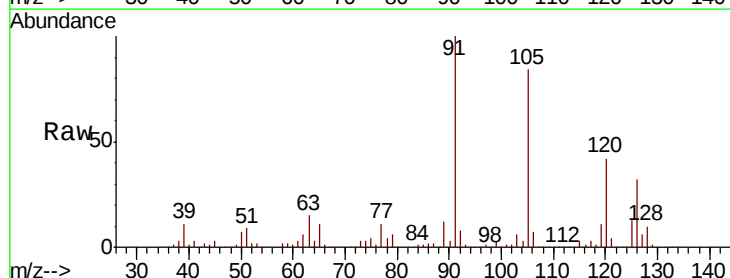
Manual Integrations
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#82
4-Chlorotoluene
Concen: 55.427 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.2	45.6





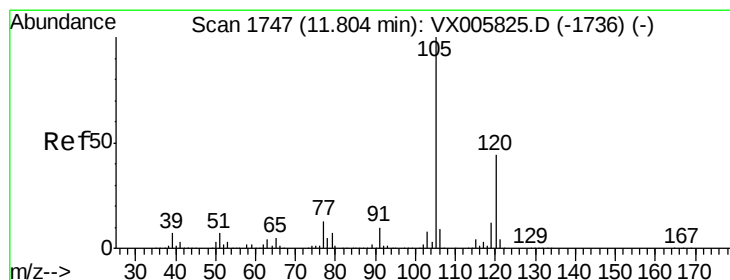
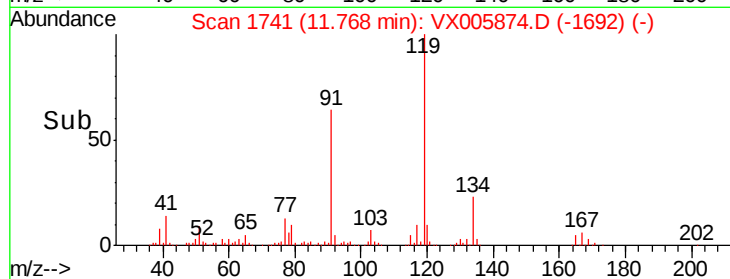
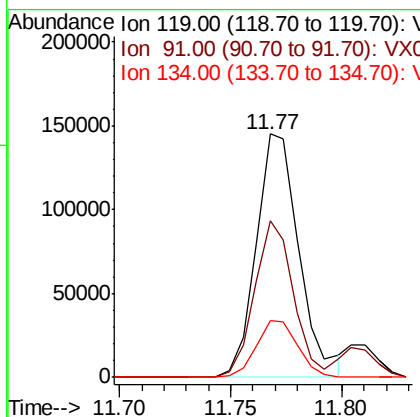
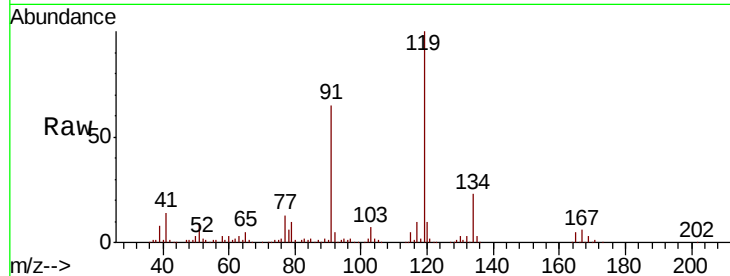
#83
 tert-Butylbenzene
 Concen: 54.950 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	194751		
91	58.3	28.5	85.5	
134	22.5	11.3	33.8	

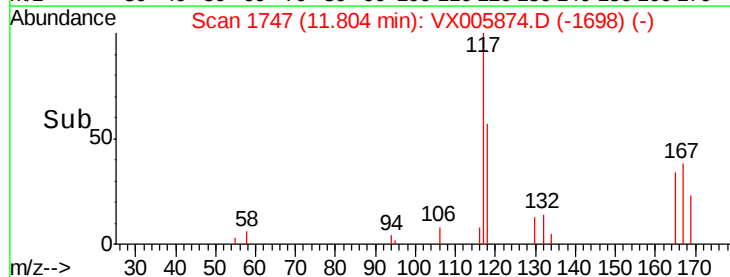
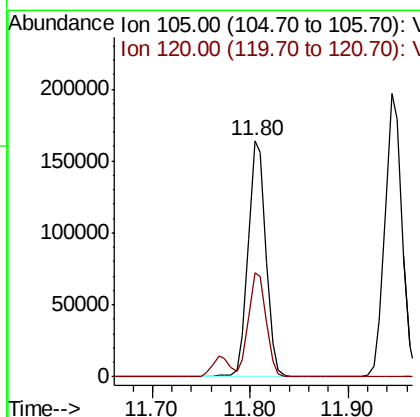
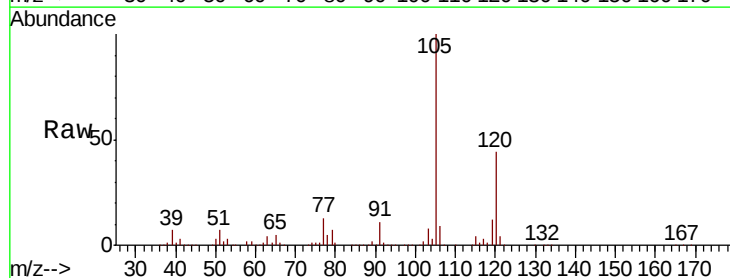
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.355 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	206247		
120	43.8	22.4	67.0	





#85

sec-Butylbenzene

Concen: 54.970 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 238242

Ion Ratio Lower Upper

105 100

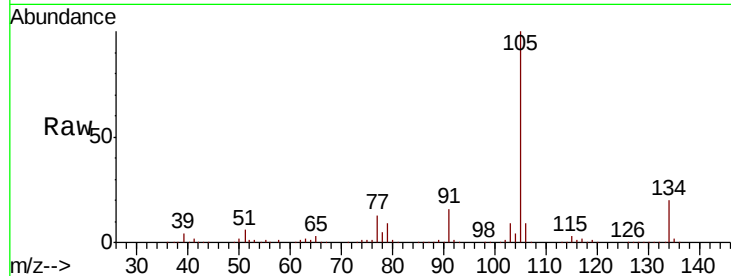
134 20.1 10.2 30.4

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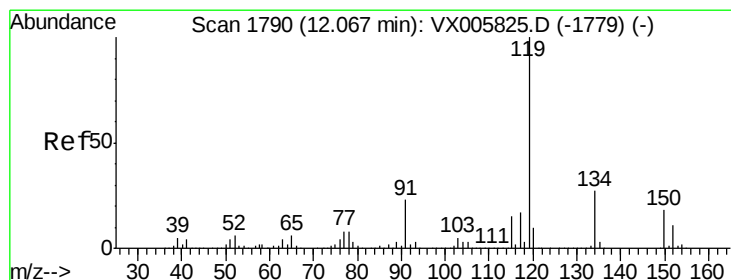
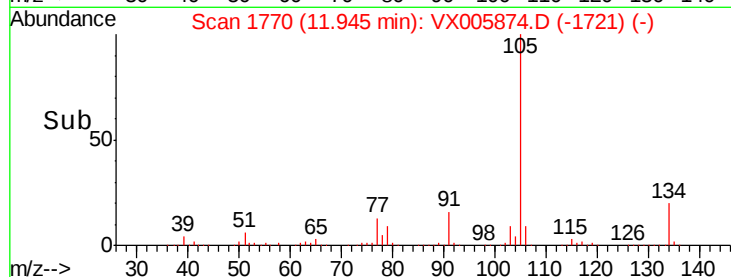
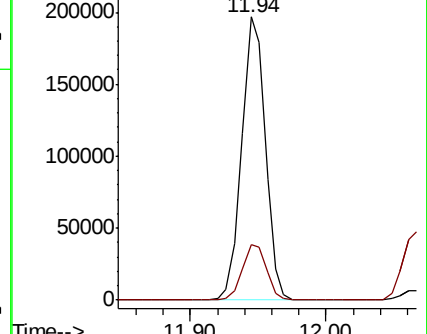
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.085 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005874.D

Acq: 09 Nov 2018 21:18

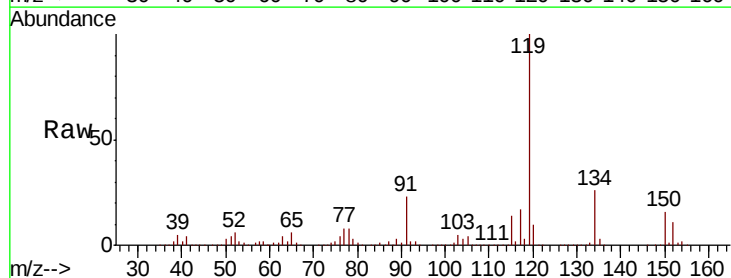
Tgt Ion:119 Resp: 215309

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

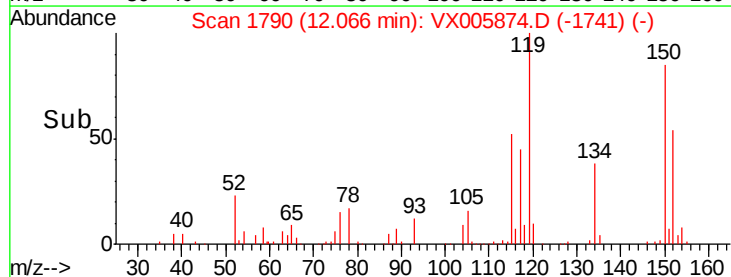
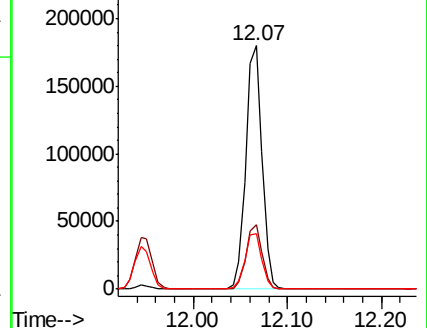
91 23.4 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





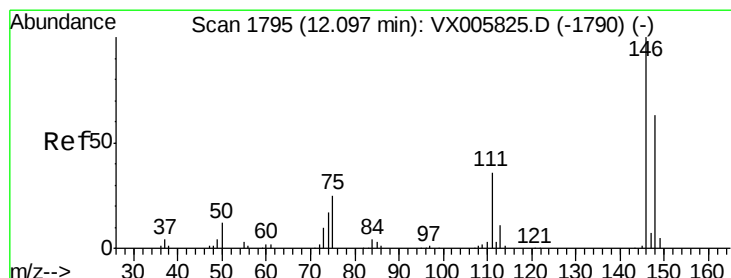
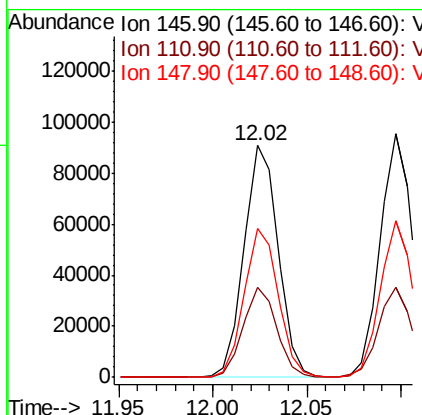
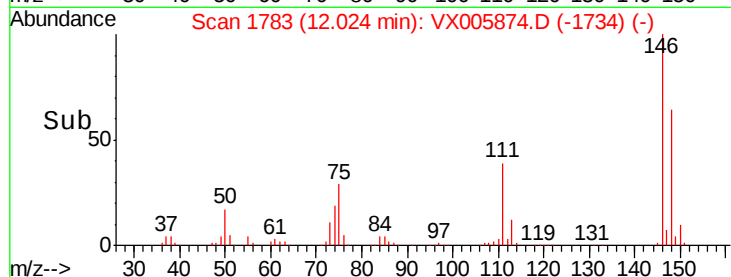
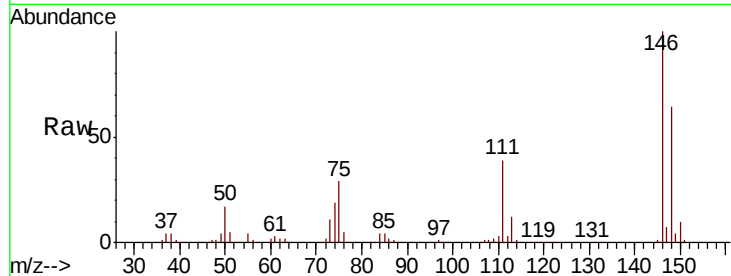
#87
 1,3-Dichlorobenzene
 Concen: 51.408 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	64.0	31.9	95.9

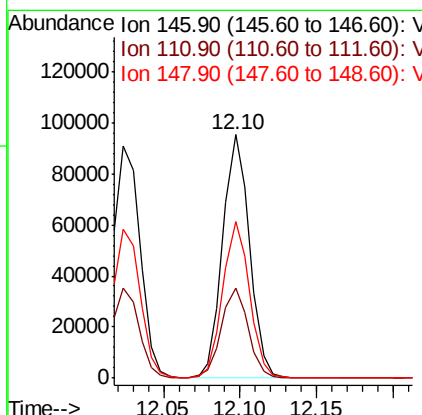
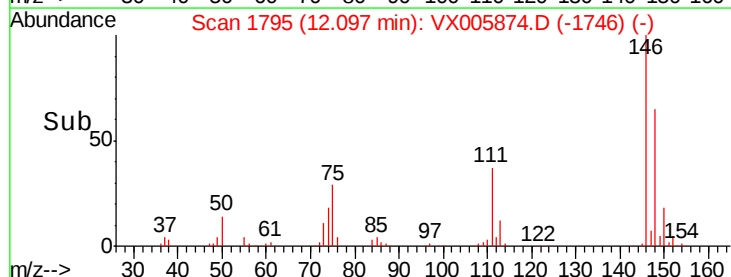
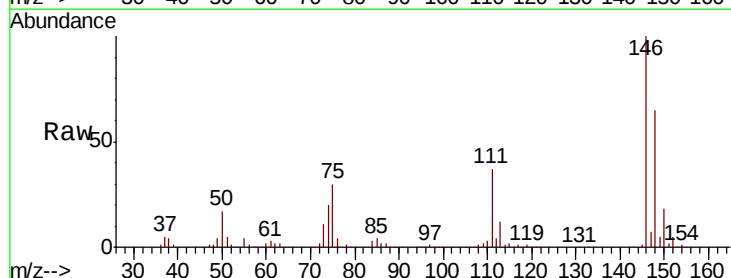
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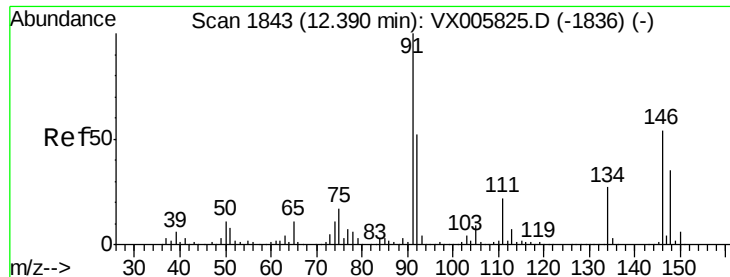
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#88
 1,4-Dichlorobenzene
 Concen: 50.947 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	64.2	32.1	96.3





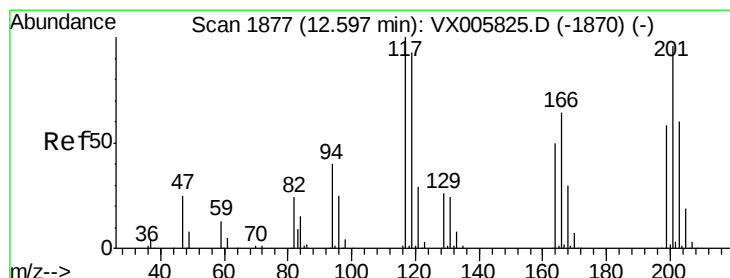
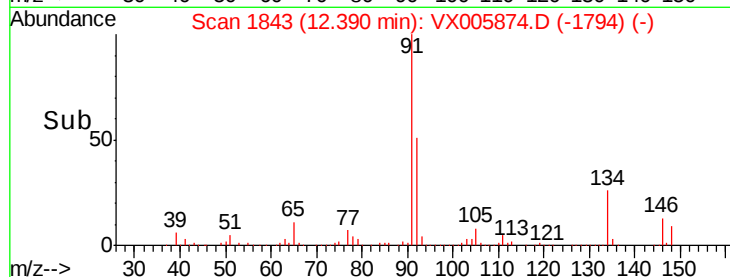
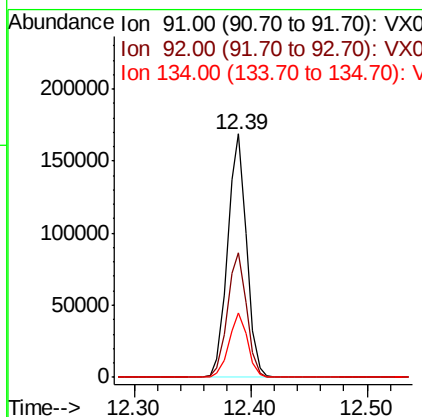
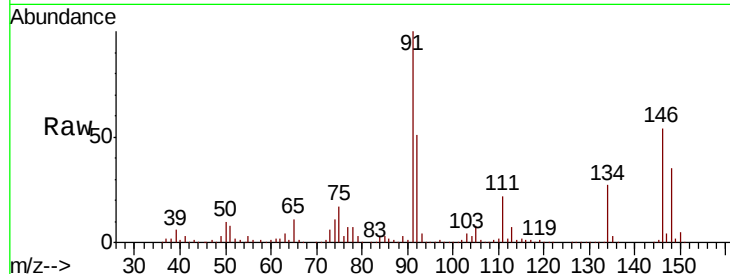
#89
n-Butylbenzene
Concen: 53.283 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.1	78.2
134	26.1	13.1	39.3

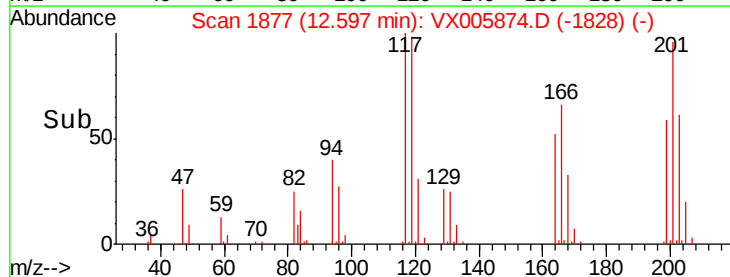
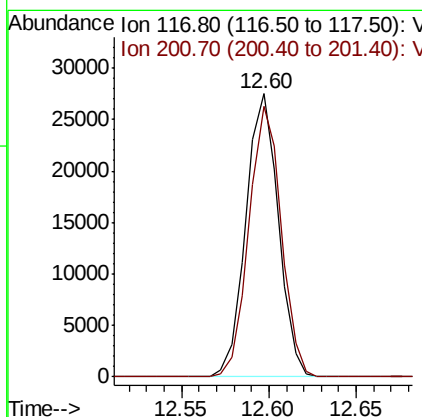
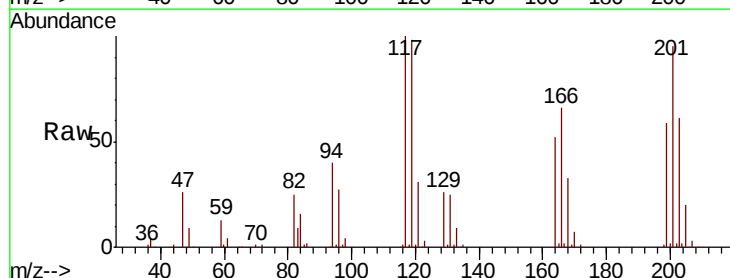
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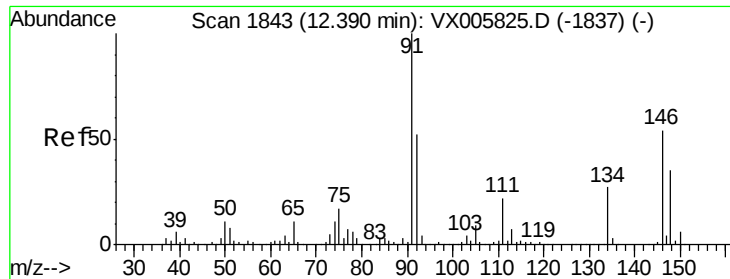
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#90
Hexachloroethane
Concen: 55.472 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.9	47.9	143.6





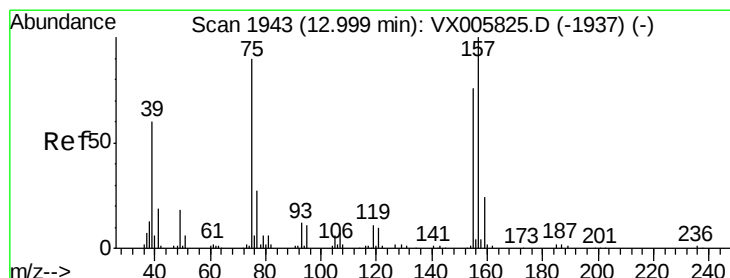
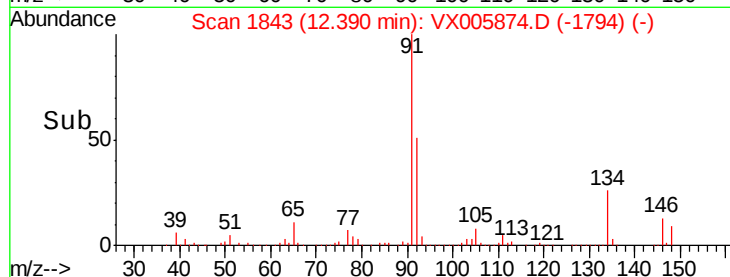
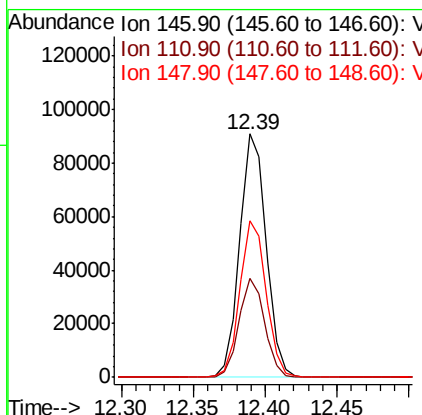
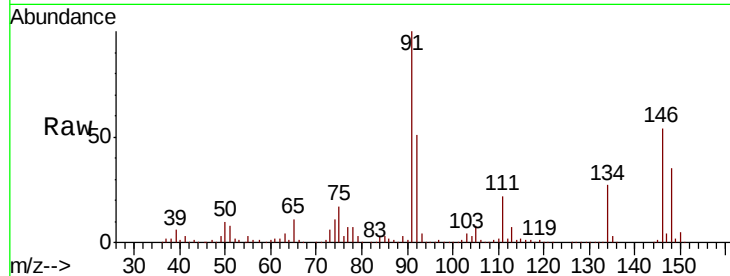
#91
 1,2-Dichlorobenzene
 Concen: 51.966 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.0	59.9
148	63.6	32.2	96.6

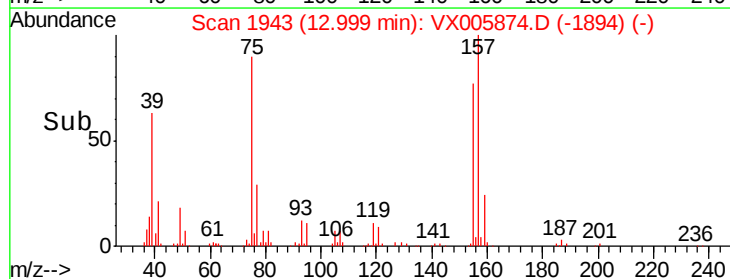
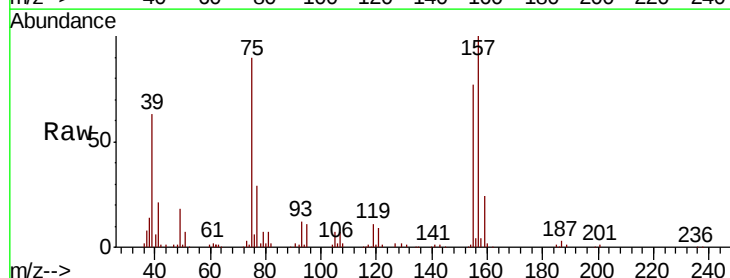
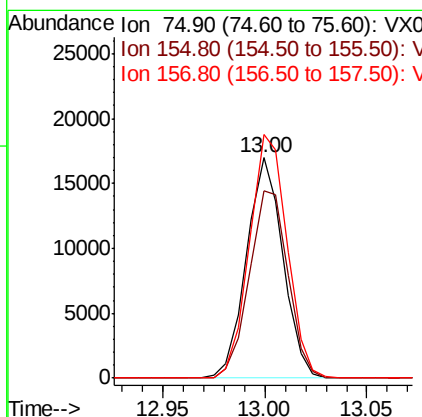
Manual Integrations
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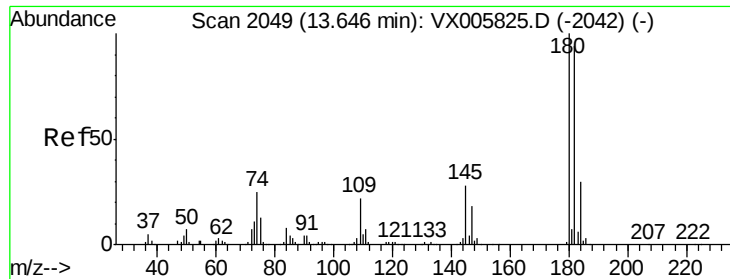
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.100 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.4	45.4	136.1
157	114.4	57.4	172.0





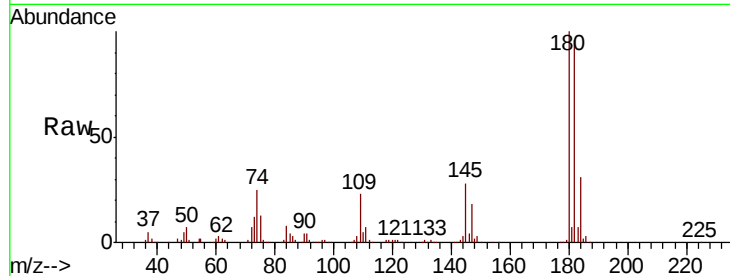
#93
 1,2,4-Trichlorobenzene
 Concen: 54.248 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.8
145	28.6	14.1	42.2

Manual Integrations
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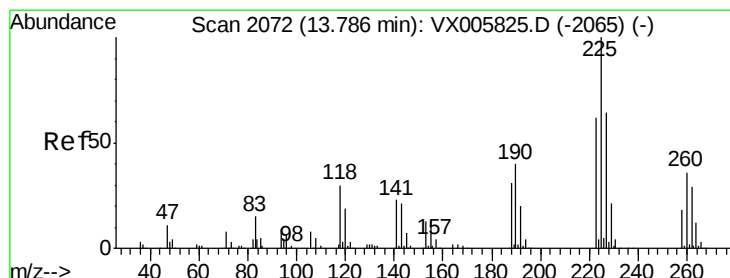
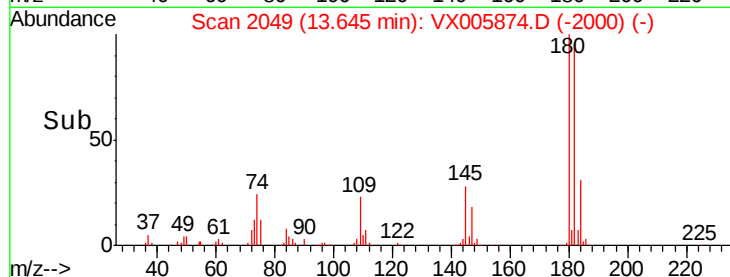
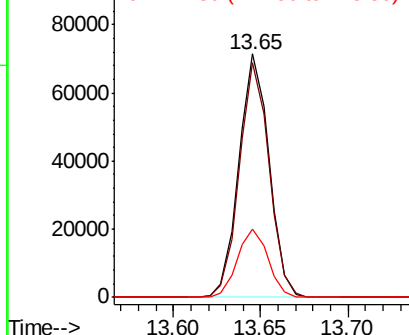


Abundance

Ion 179.80 (179.50 to 180.50): V

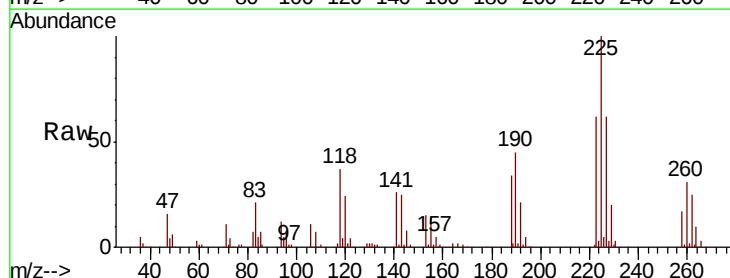
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.866 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005874.D
 Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.7	95.1
227	64.1	32.3	96.9

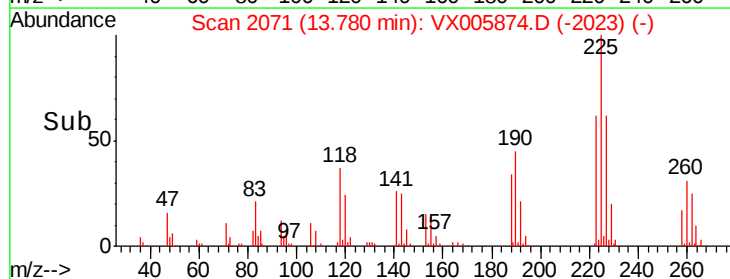
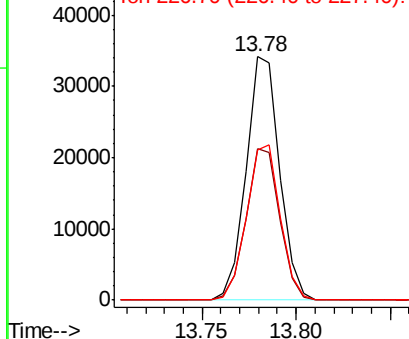


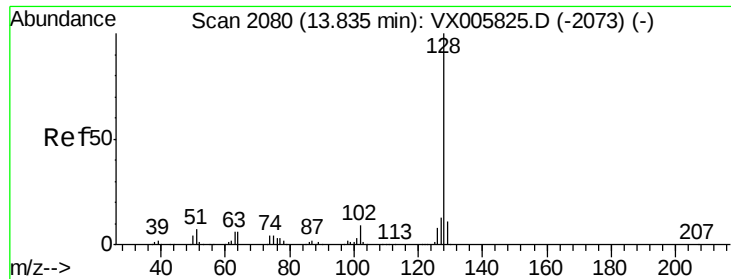
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





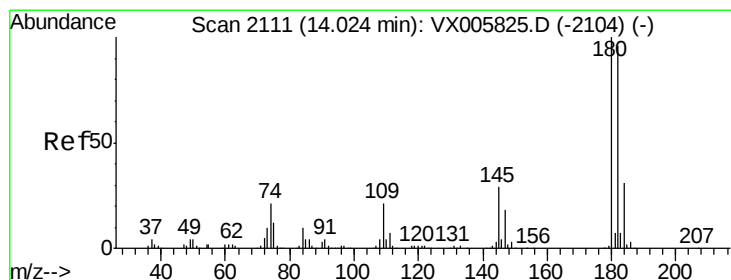
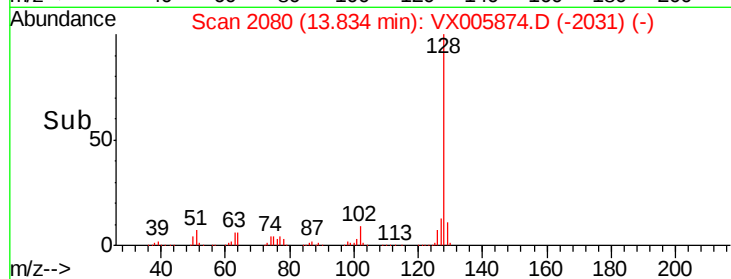
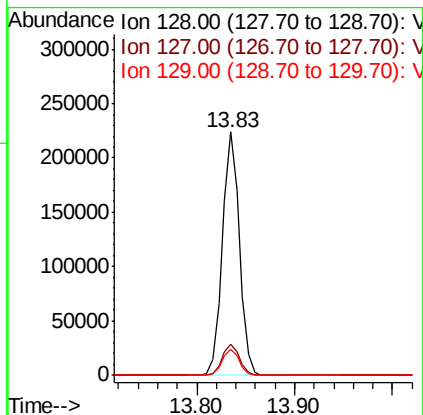
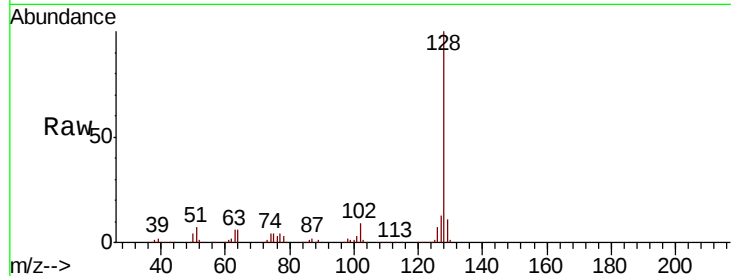
#95
Naphthalene
Concen: 52.281 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:11:58 AM



#96
1,2,3-Trichlorobenzene
Concen: 55.257 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005874.D
Acq: 09 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.0	144.2
145	29.8	15.1	45.3

