

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050219\
 Data File : VX009296.D
 Acq On : 03 May 2019 00:17
 Operator : JC/SP
 Sample : K2659-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 11:18:47 AM

Quant Time: May 03 04:22:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	167876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121285	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116610	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	5.50	113	85957	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	8.71	98	347193	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.13	95	126518	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	77326	49.984	ug/l	100
3) Chloromethane	1.32	50	105824	50.105	ug/l	99
4) Vinyl Chloride	1.41	62	113769	55.240	ug/l	98
5) Bromomethane	1.64	94	57657	46.642	ug/l	98
6) Chloroethane	1.71	64	70031	52.962	ug/l	99
7) Trichlorofluoromethane	1.92	101	128747	51.428	ug/l	99
8) Diethyl Ether	2.19	74	61542	51.897	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79047	50.281	ug/l	100
10) Methyl Iodide	2.51	142	87587	48.139	ug/l	100
11) Tert butyl alcohol	3.05	59	139510	262.991	ug/l	99
12) 1,1-Dichloroethene	2.37	96	81341	51.640	ug/l	95
13) Acrolein	2.29	56	101591	211.465	ug/l	99
14) Allyl chloride	2.73	41	188014	48.979	ug/l	99
15) Acrylonitrile	3.14	53	348031	268.325	ug/l	99
16) Acetone	2.45	43	298638	242.685	ug/l	98
17) Carbon Disulfide	2.57	76	215191	48.660	ug/l	99
18) Methyl Acetate	2.78	43	145775	49.812	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	320688	52.428	ug/l	100
20) Methylene Chloride	2.85	84	98964	49.670	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	87798	51.396	ug/l	98
22) Diisopropyl ether	3.86	45	387232	52.455	ug/l	92
23) Vinyl Acetate	3.82	43	1627072	257.388	ug/l	99
24) 1,1-Dichloroethane	3.70	63	186936	51.331	ug/l	99
25) 2-Butanone	4.67	43	511490	267.481	ug/l	100
26) 2,2-Dichloropropane	4.59	77	95219	35.127	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	105910	51.942	ug/l	96
28) Bromochloromethane	5.01	49	74758	51.053	ug/l	98
29) Tetrahydrofuran	5.13	42	342009	277.938	ug/l	99
30) Chloroform	5.21	83	171416	52.043	ug/l	100
31) Cyclohexane	5.58	56	172601	50.942	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	138577	50.541	ug/l	99
36) 1,1-Dichloropropene	5.80	75	125389	49.257	ug/l	99
37) Ethyl Acetate	4.84	43	181793	51.255	ug/l	99
38) Carbon Tetrachloride	5.78	117	116375	50.316	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	150783	48.231	ug/l	99
40) Benzene	6.14	78	398638	50.600	ug/l	99
41) Methacrylonitrile	5.04	41	109680	51.949	ug/l	99
42) 1,2-Dichloroethane	6.20	62	146036	51.675	ug/l	100
43) Isopropyl Acetate	6.45	43	290924	51.279	ug/l	100
44) Trichloroethene	7.21	130	92477	48.555	ug/l	100
45) 1,2-Dichloropropane	7.51	63	114365	51.266	ug/l	99
46) Dibromomethane	7.66	93	65161	50.300	ug/l	98
47) Bromodichloromethane	7.90	83	133485	51.657	ug/l	96
48) Methyl methacrylate	7.77	41	151899	53.967	ug/l	98
49) 1,4-Dioxane	7.74	88	53283	933.459	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1007409	271.670	ug/l	99
52) Toluene	8.79	92	242705	50.680	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	146132	50.089	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	159741	49.468	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	101661	52.033	ug/l	98
56) Ethyl methacrylate	9.18	69	185472	53.180	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177588	51.652	ug/l	100
59) 2-Hexanone	9.49	43	785468	269.700	ug/l	99
60) Dibromochloromethane	9.58	129	100622	52.731	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102064	51.751	ug/l	100
64) Tetrachloroethene	9.34	164	82462	48.648	ug/l	98
65) Chlorobenzene	10.14	112	250828	50.741	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	92442	51.581	ug/l	100
67) Ethyl Benzene	10.25	91	461458	50.723	ug/l	98
68) m/p-Xylenes	10.36	106	335474	100.908	ug/l	97
69) o-Xylene	10.70	106	167445	51.048	ug/l	99
70) Stvrene	10.71	104	295926	51.906	ug/l	99
71) Bromoform	10.85	173	76344	52.420	ug/l #	99
73) Isopropylbenzene	11.02	105	441544	50.063	ug/l	99
74) N-amyl acetate	10.90	43	262329	51.017	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	172589	52.493	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	145475m	51.708	ug/l	
77) Bromobenzene	11.26	156	110057	50.275	ug/l	99
78) n-propylbenzene	11.36	91	508452	50.479	ug/l	100
79) 2-Chlorotoluene	11.42	91	306809	49.372	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	373263	50.263	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50404	45.840	ug/l	95
82) 4-Chlorotoluene	11.51	91	352134	50.159	ug/l	100
83) tert-Butylbenzene	11.77	119	364057	50.394	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	379538	50.917	ug/l	100
85) sec-Butylbenzene	11.94	105	429359	50.131	ug/l	100
86) p-Isopropyltoluene	12.06	119	388564	50.465	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	194888	49.940	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	194442	49.421	ug/l	100
89) n-Butylbenzene	12.38	91	348782	50.118	ug/l	100
90) Hexachloroethane	12.60	117	65094	49.623	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	202248	50.882	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40304	54.645	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	139195	51.210	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	67532	48.653	ug/l	99
95) Naphthalene	13.83	128	474145	53.617	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	142957	51.885	ug/l	99

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

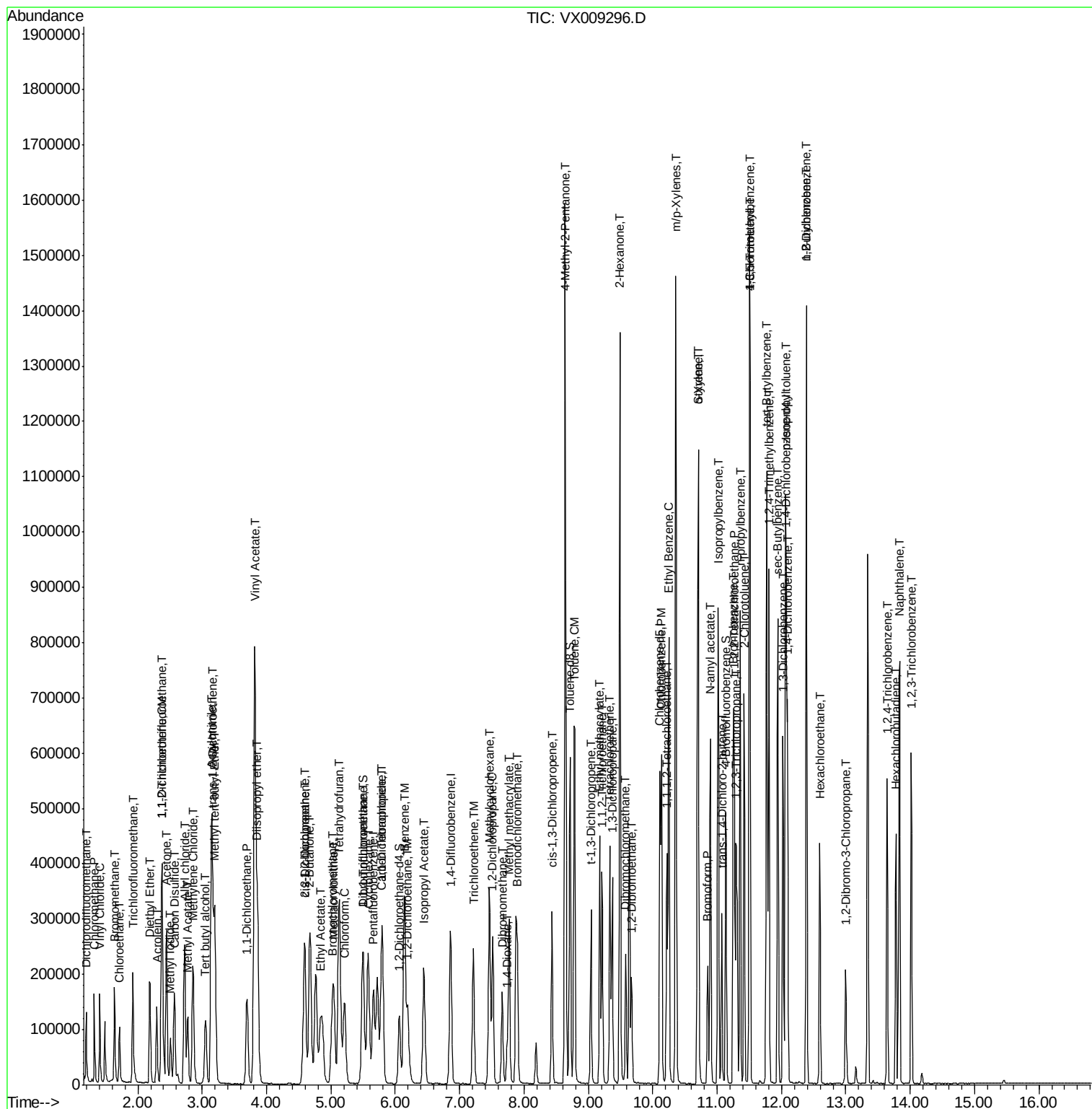
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Data File : VX009296.D
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Operator : JC/SP
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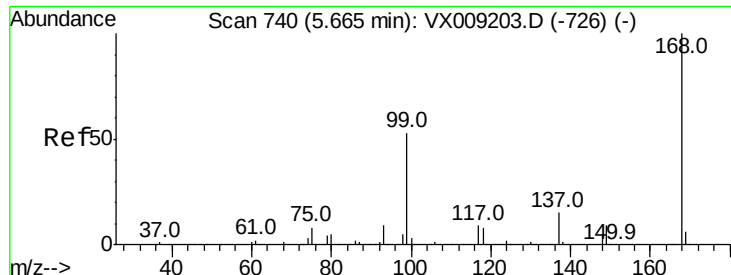
Instrument :
MSVOA_X
ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

Tot Ion:168 Resp: 167876

Ion Ratio Lower Upper

168 100

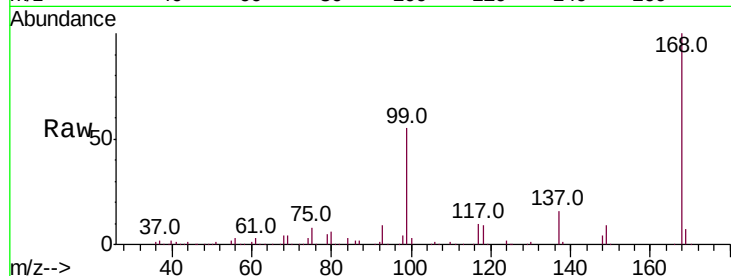
99 54.7 42.3 63.5

Manual Integrations

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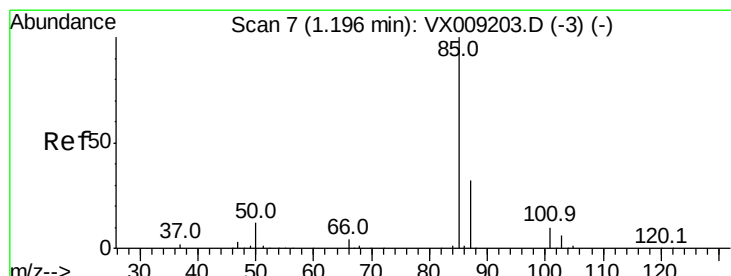
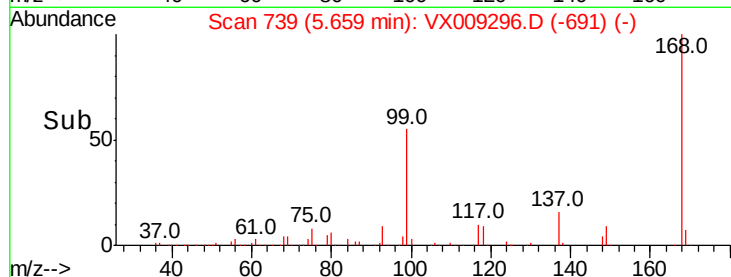
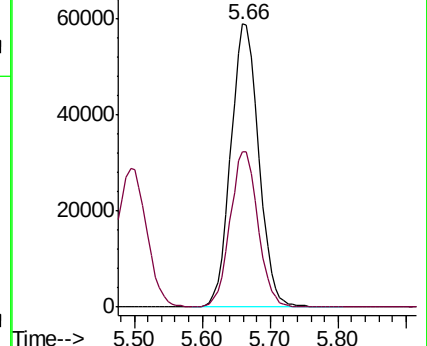
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.984 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009296.D

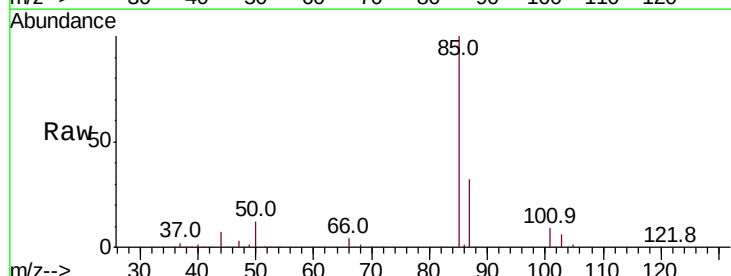
Acq: 03 May 2019 00:17

Tgt Ion: 85 Resp: 77326

Ion Ratio Lower Upper

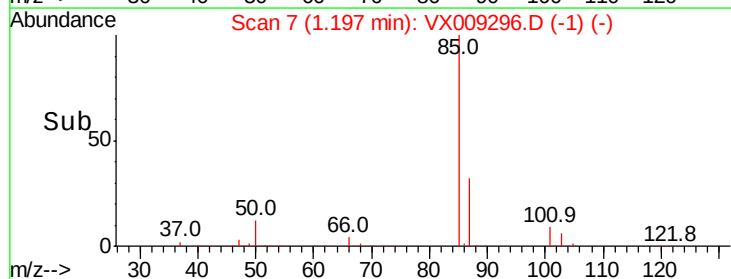
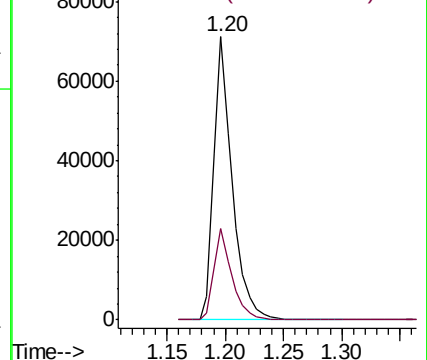
85 100

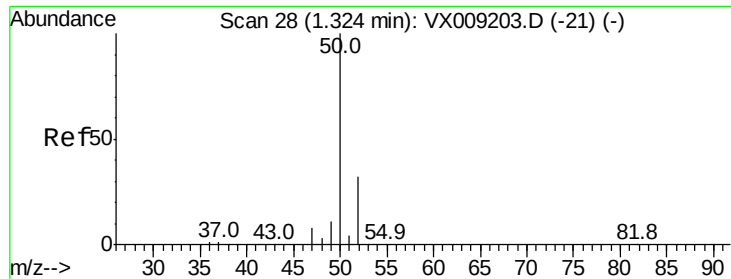
87 32.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.105 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

Tot Ion: 50 Resp: 105824

Ion Ratio Lower Upper

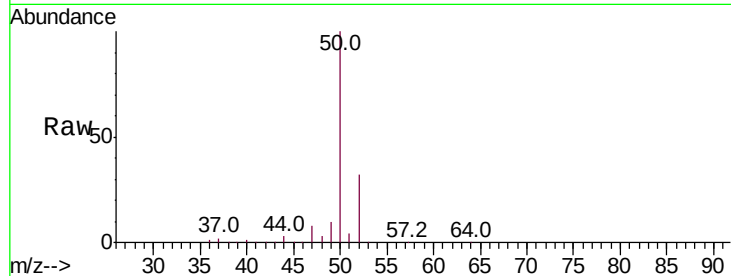
50 100

52 32.0 25.9 38.9

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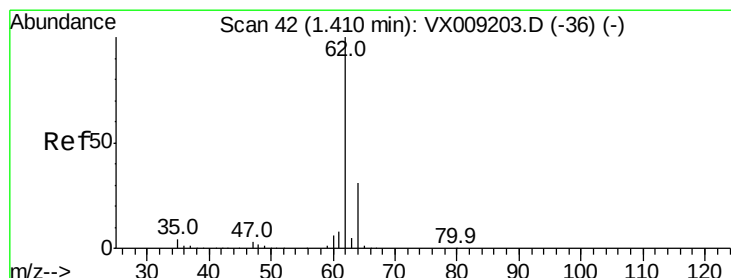
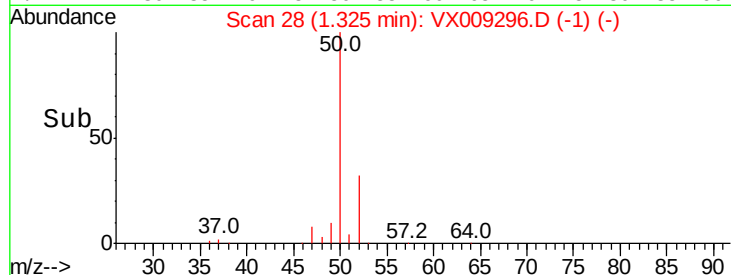
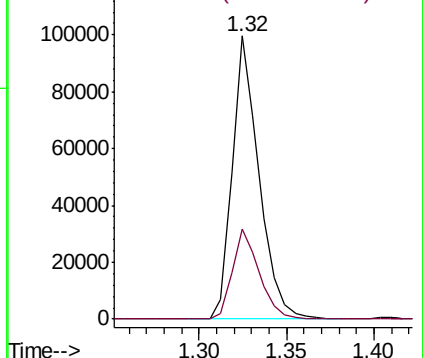
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 55.240 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009296.D

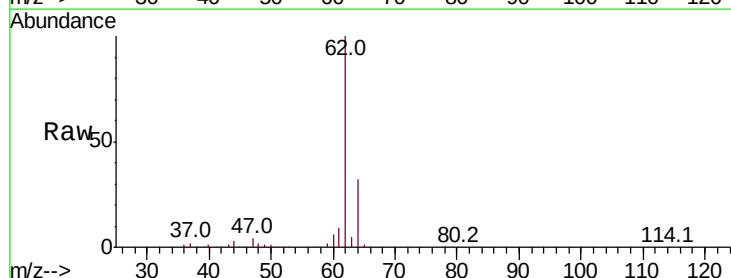
Acq: 03 May 2019 00:17

Tgt Ion: 62 Resp: 113769

Ion Ratio Lower Upper

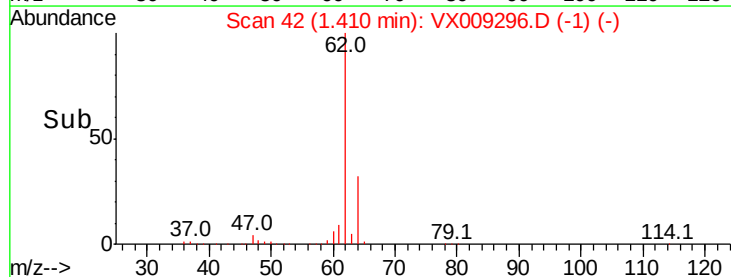
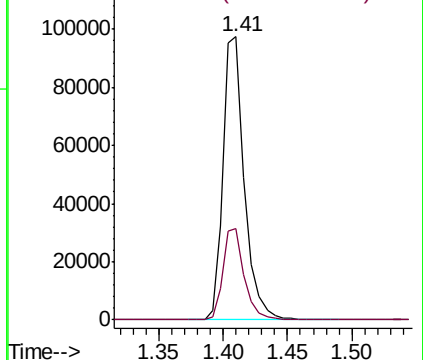
62 100

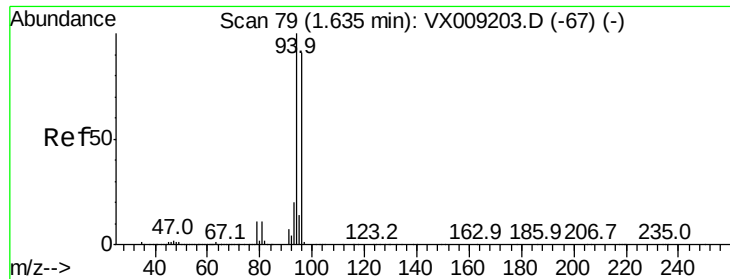
64 32.0 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.642 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 57657

Ion Ratio Lower Upper

94 100

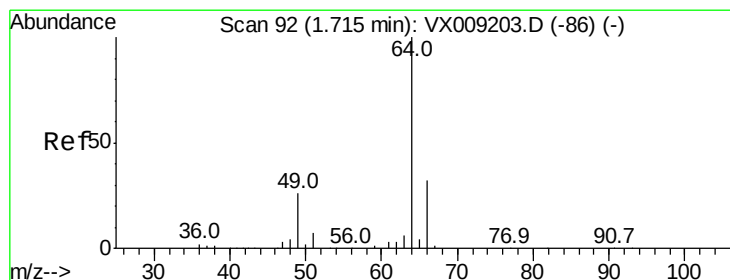
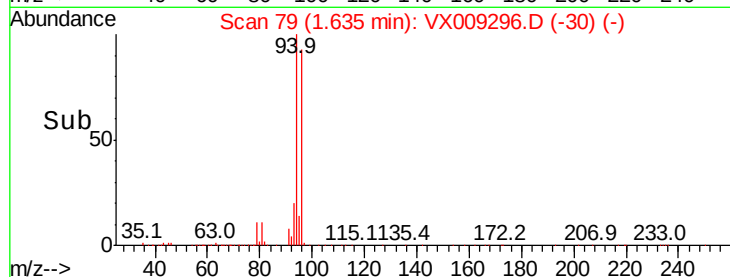
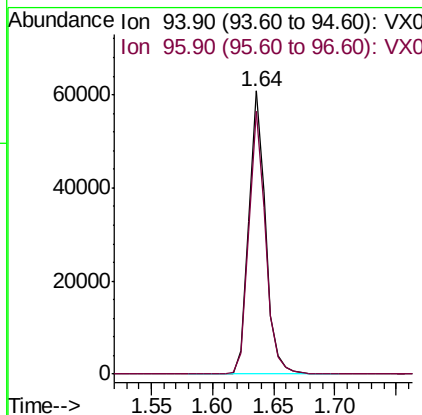
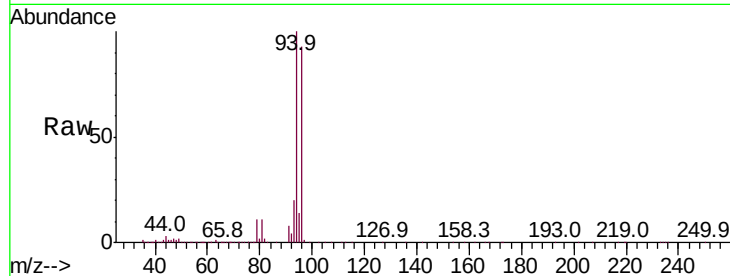
96 93.0 73.0 109.6

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#6

Chloroethane

Concen: 52.962 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009296.D

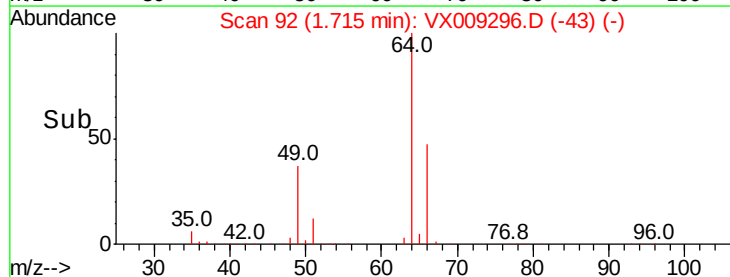
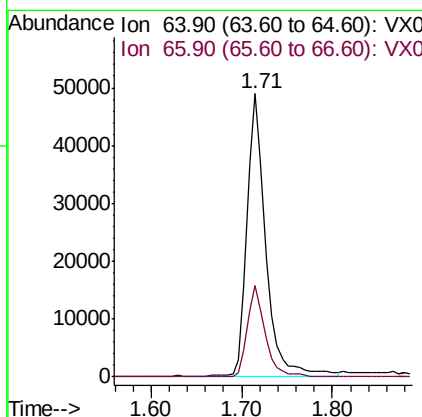
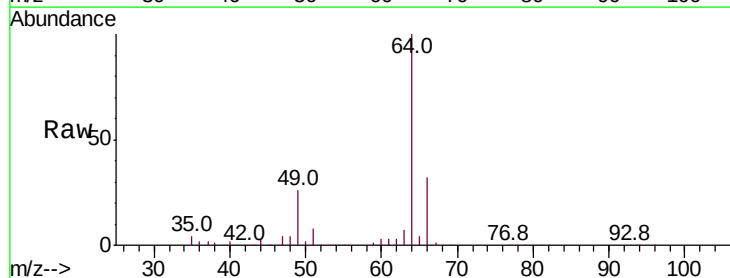
Acq: 03 May 2019 00:17

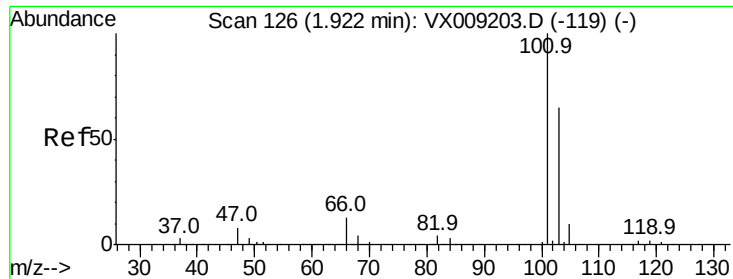
Tgt Ion: 64 Resp: 70031

Ion Ratio Lower Upper

64 100

66 32.1 25.3 37.9





#7

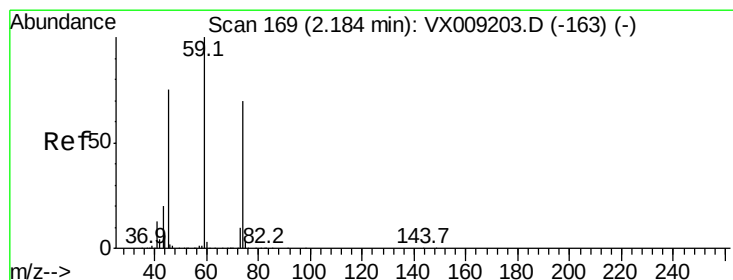
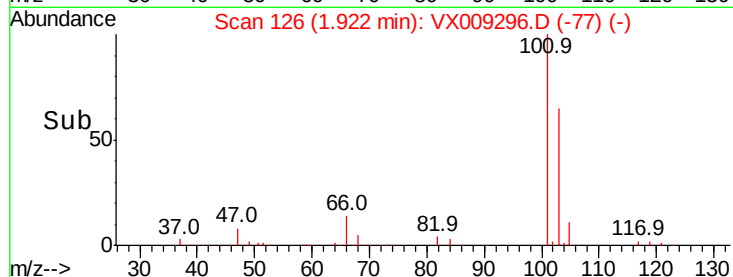
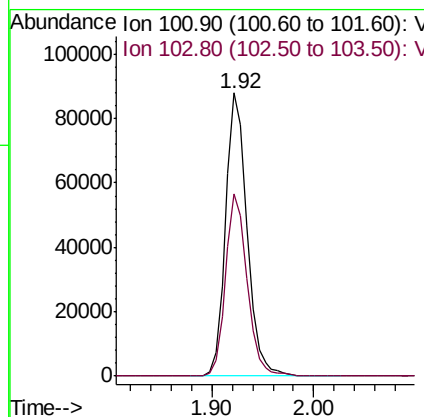
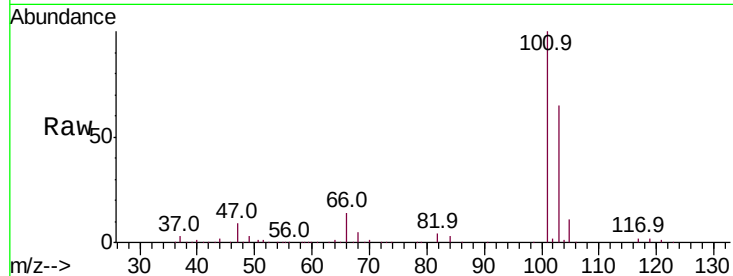
Trichlorofluoromethane
Concen: 51.428 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion:101 Resp: 128747
Ion Ratio Lower Upper
101 100
103 64.6 52.4 78.6

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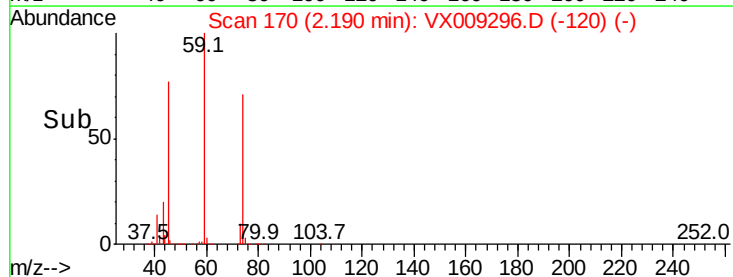
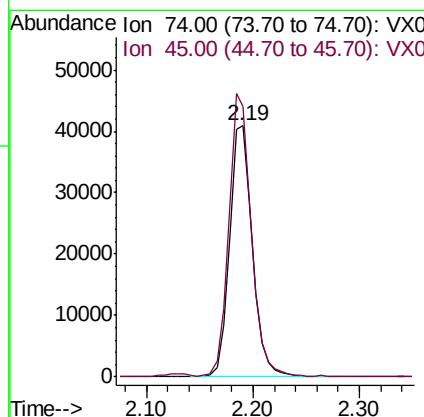
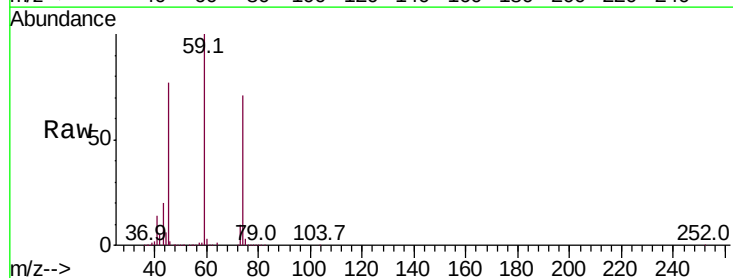
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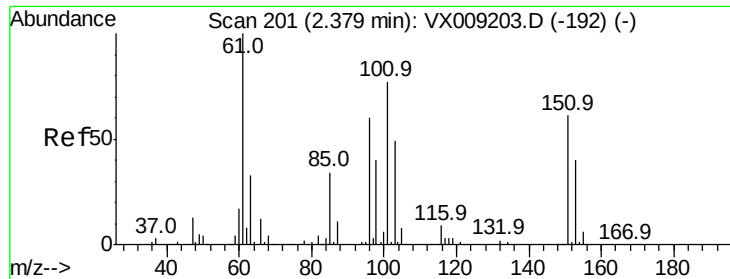


#8

Diethyl Ether
Concen: 51.897 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion: 74 Resp: 61542
Ion Ratio Lower Upper
74 100
45 109.9 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.281 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

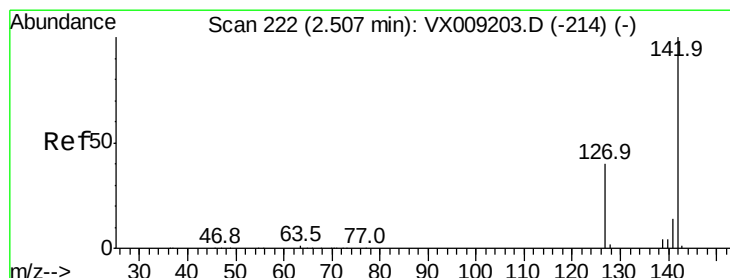
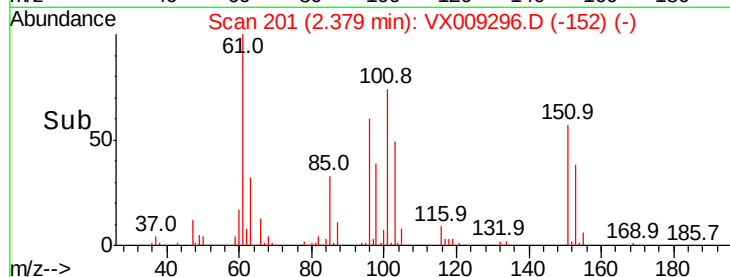
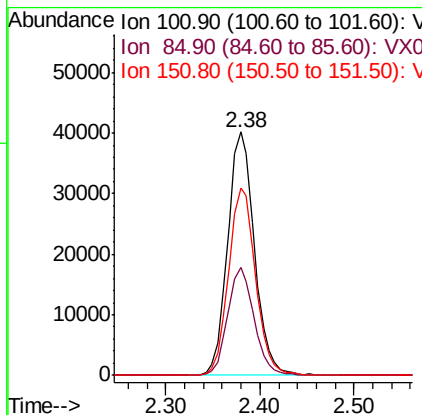
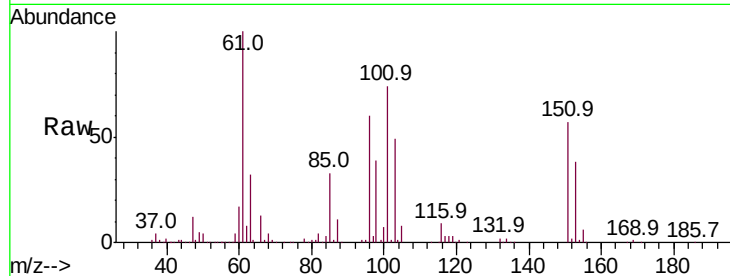
ClientSampleId :

SS050MW641-190429MS

Tot Ion:	101	Resp:	79047
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.7	53.5
151	77.8	62.2	93.2

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#10

Methyl Iodide

Concen: 48.139 ug/l

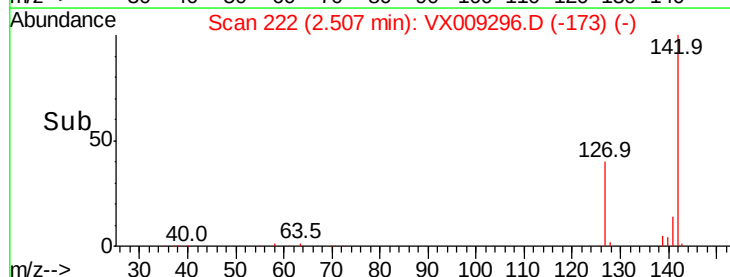
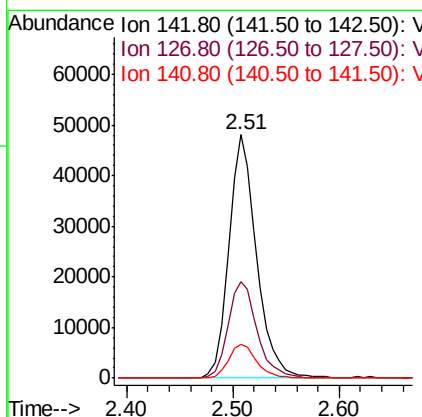
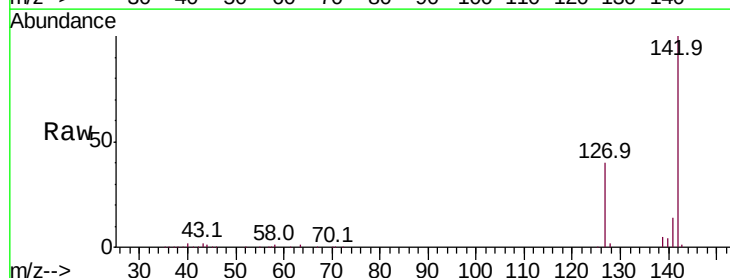
RT: 2.51 min Scan# 222

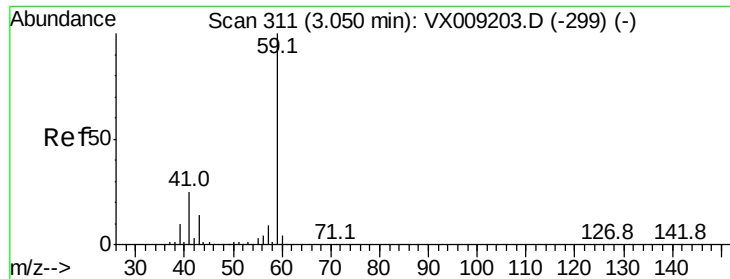
Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Tgt Ion:	142	Resp:	87587
Ion Ratio	Lower	Upper	
142	100		
127	41.3	32.7	49.1
141	14.3	11.5	17.3





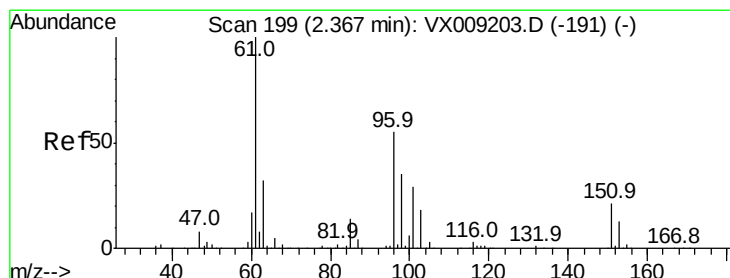
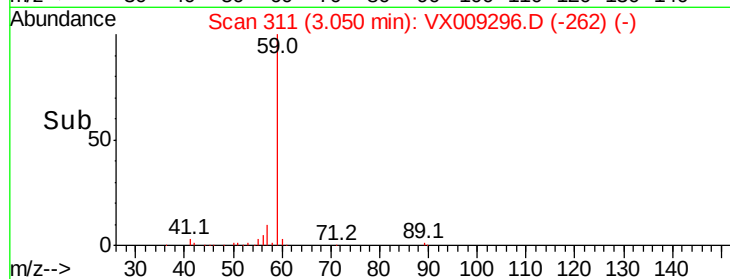
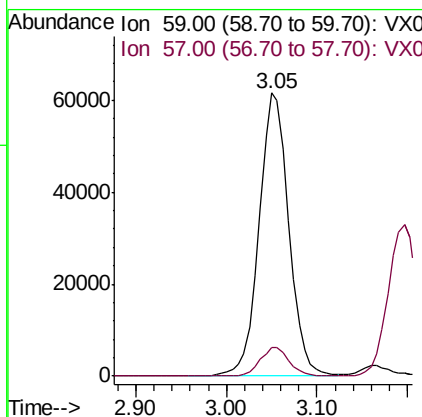
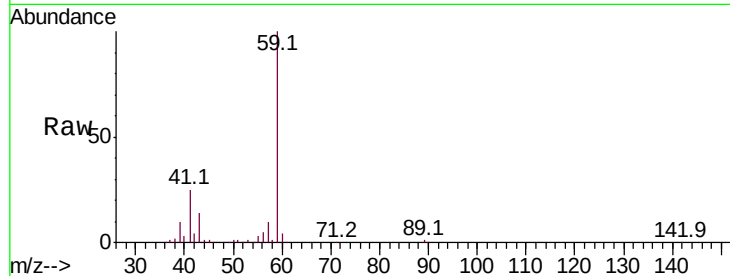
#11
Tert butyl alcohol
Concen: 262.991 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

Tot Ion: 59 Resp: 139510
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

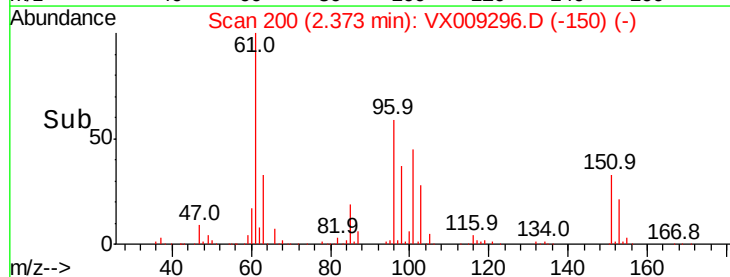
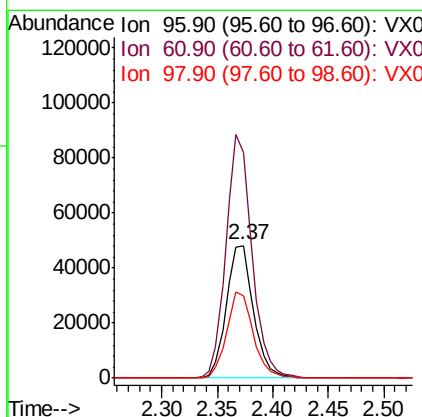
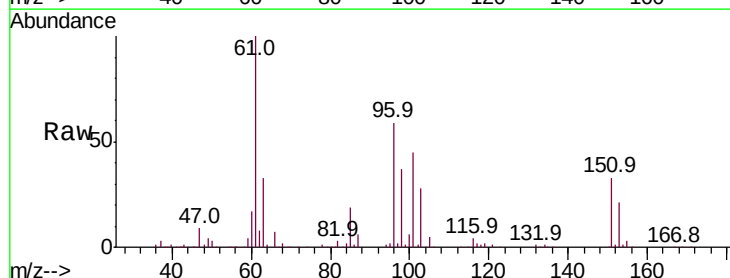
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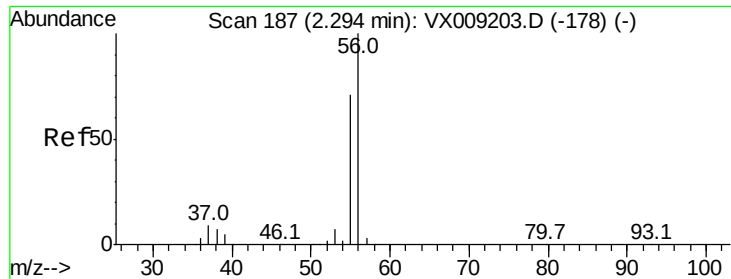
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#12
1,1-Dichloroethene
Concen: 51.640 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion: 96 Resp: 81341
Ion Ratio Lower Upper
96 100
61 170.3 144.3 216.5
98 62.4 50.3 75.5





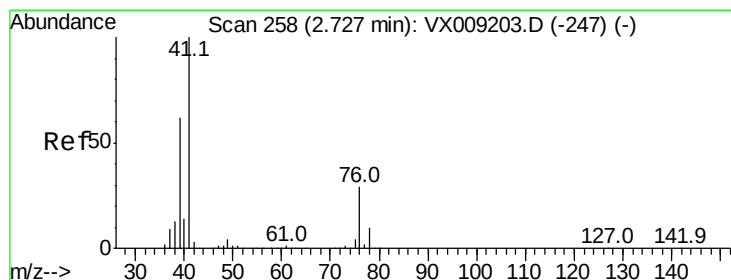
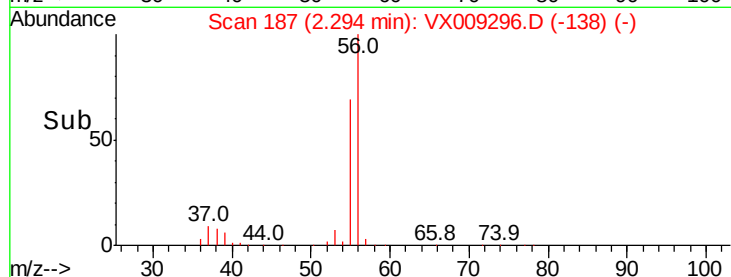
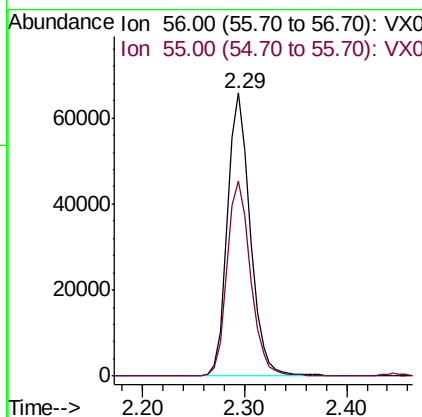
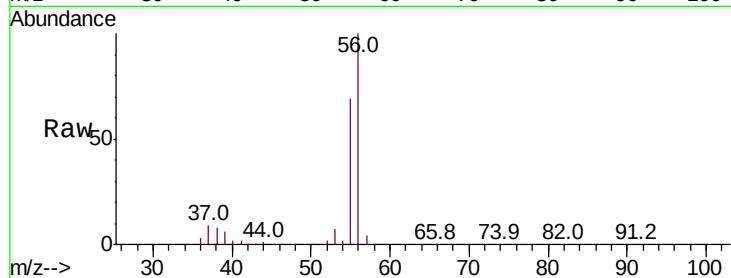
#13
Acrolein
Concen: 211.465 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

Tot Ion	56	55	Ratio	100	Resp	101591	Lower	Upper
56	100							
55	71.5				56.6		85.0	

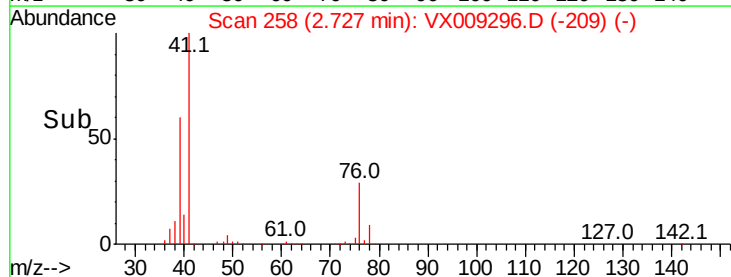
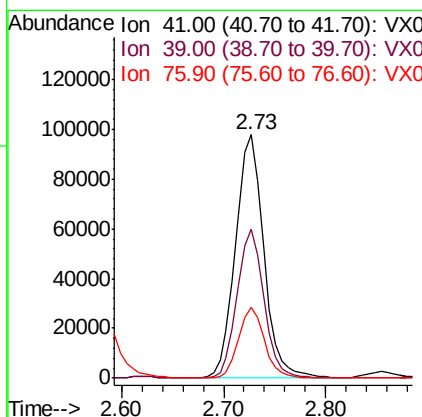
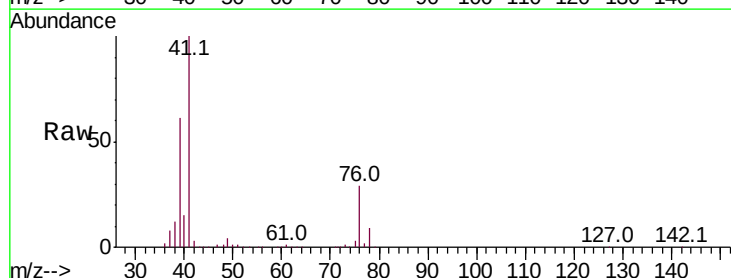
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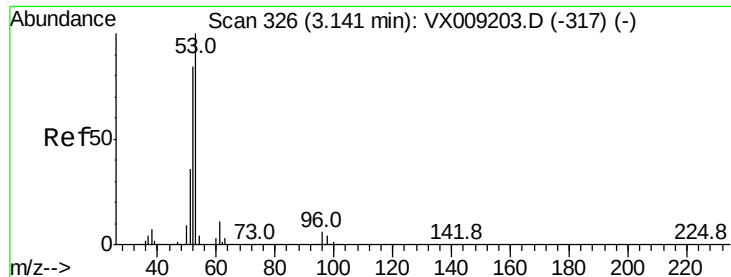
MMDadoda
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#14
Allyl chloride
Concen: 48.979 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion	41	39	76	Ratio	100	Resp	188014	Lower	Upper
41	100								
39	58.0				46.7		70.1		
76	26.5				21.8		32.8		





#15

Acrylonitrile

Concen: 268.325 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

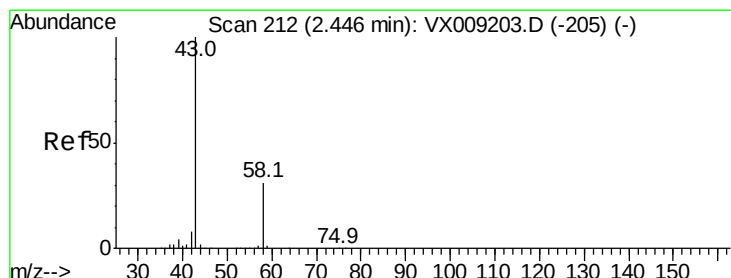
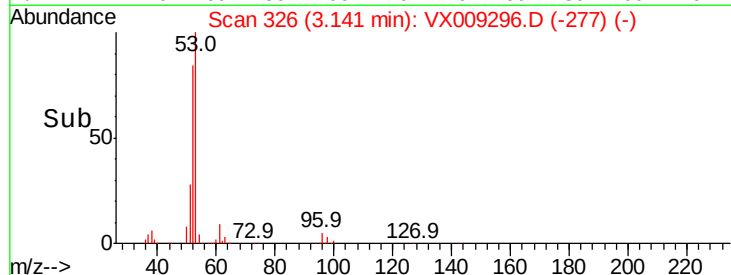
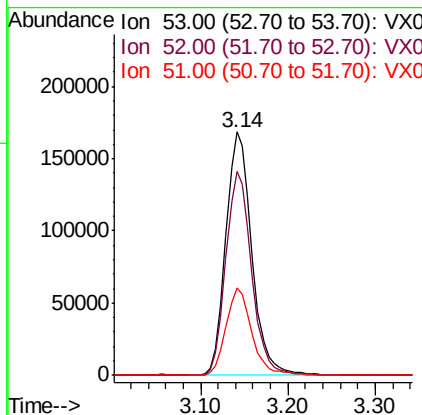
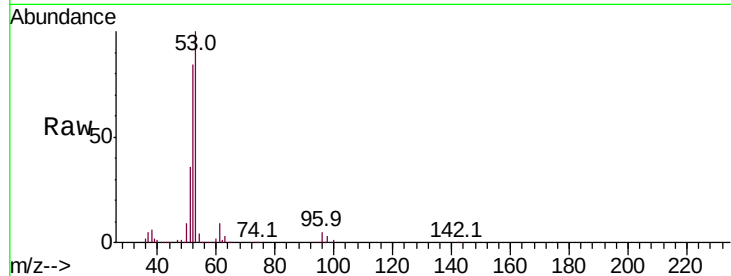
ClientSampleId :

SS050MW641-190429MS

Tot Ion:	53	Resp:	348031
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.9	100.3
51	35.7	28.2	42.2

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#16

Acetone

Concen: 242.685 ug/l

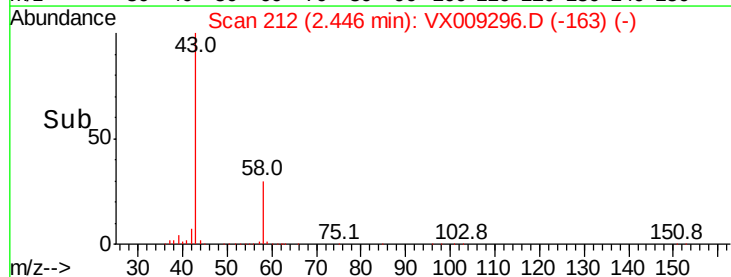
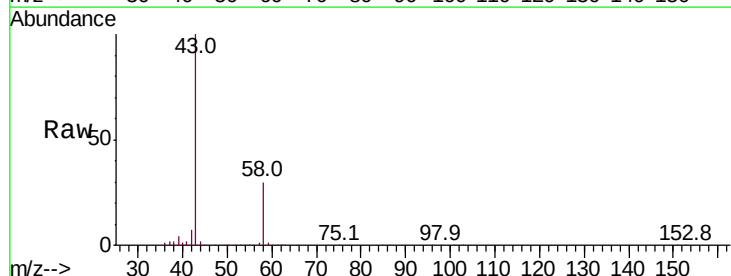
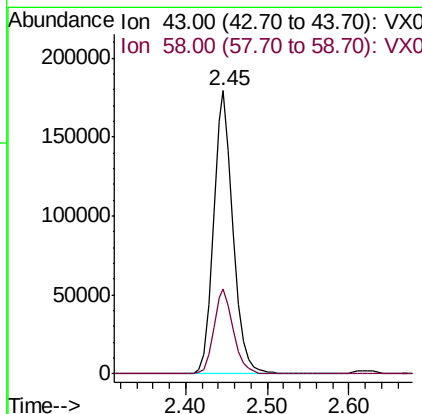
RT: 2.45 min Scan# 212

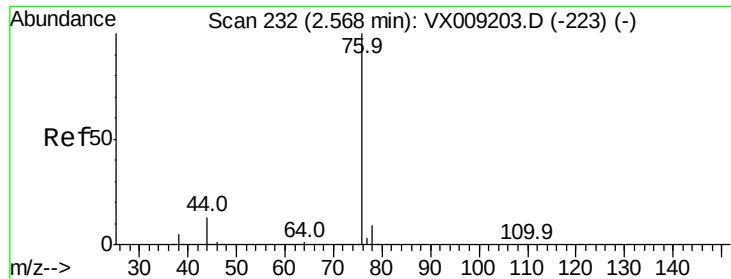
Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Tgt Ion:	43	Resp:	298638
Ion Ratio	Lower	Upper	
43	100		
58	29.9	24.9	37.3





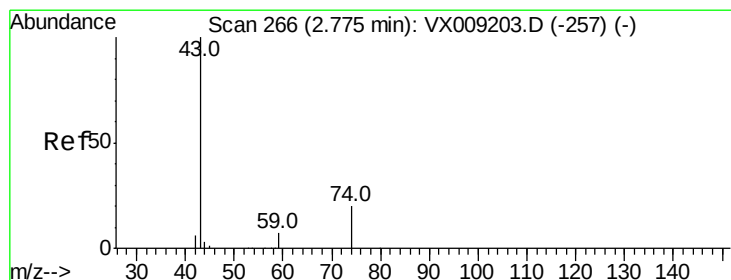
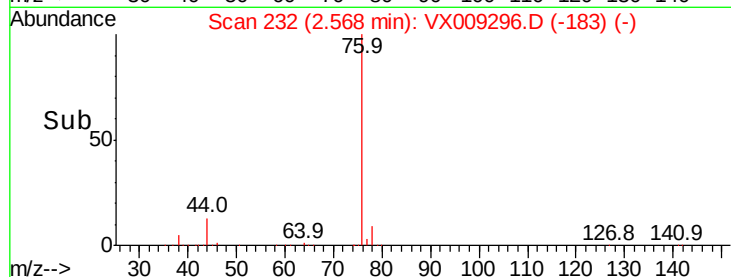
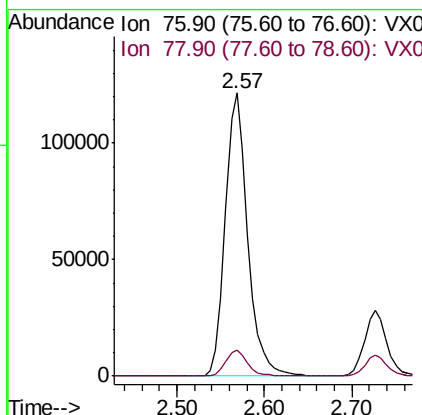
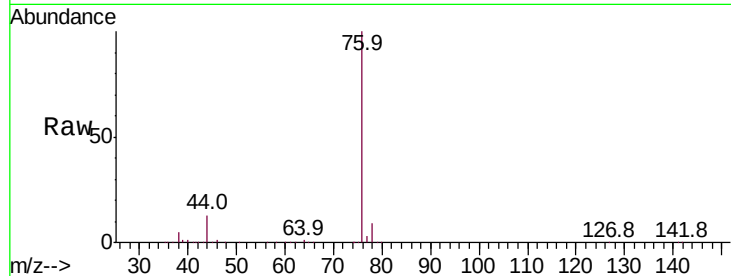
#17
Carbon Disulfide
Concen: 48.660 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.0

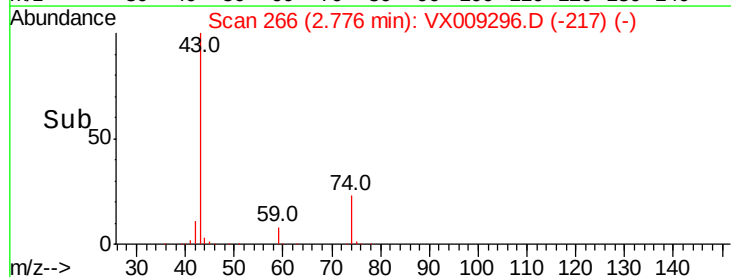
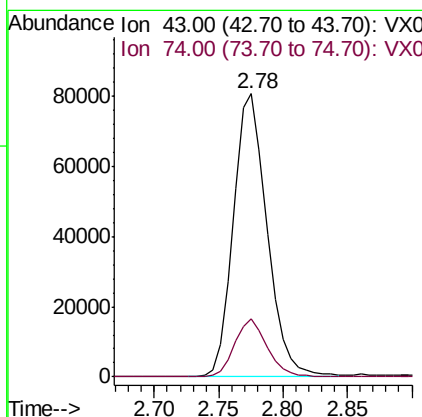
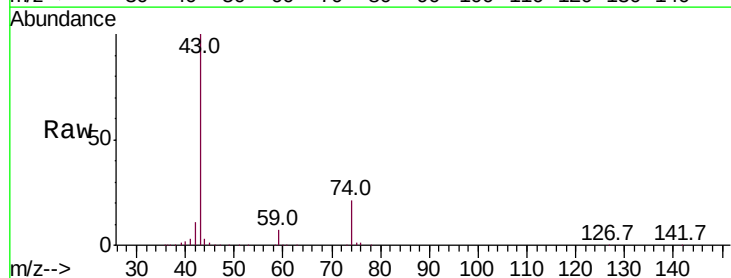
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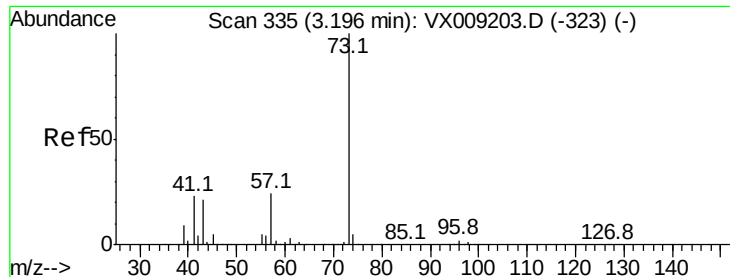
MMDadoda
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#18
Methyl Acetate
Concen: 49.812 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.4	16.2	24.4





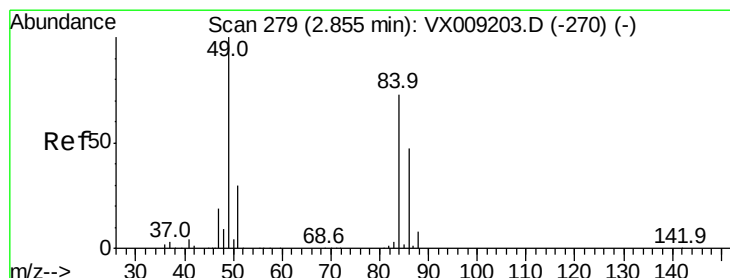
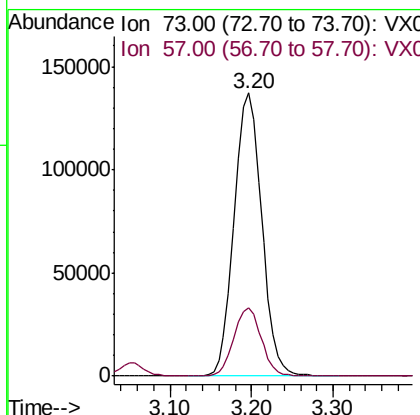
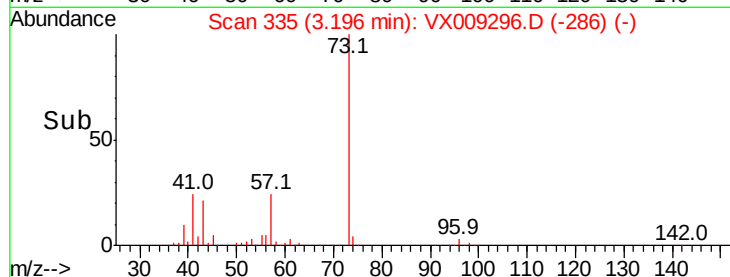
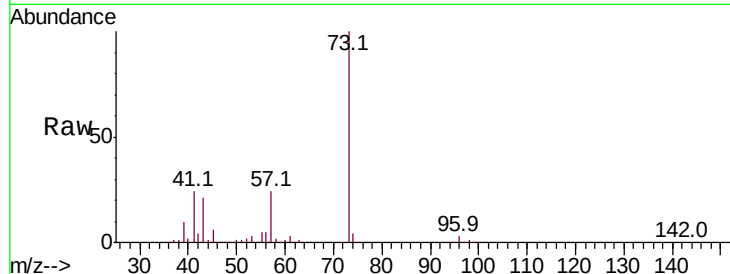
#19
Methyl tert-butyl Ether
Concen: 52.428 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

Tot Ion: 73 Resp: 320688
Ion Ratio Lower Upper
73 100
57 24.1 19.3 28.9

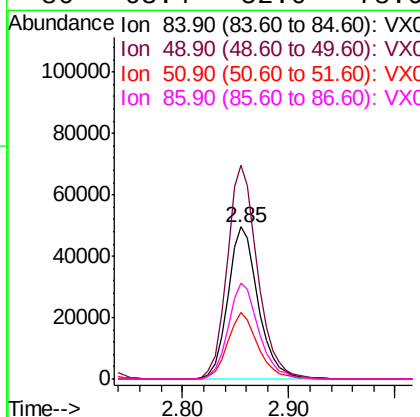
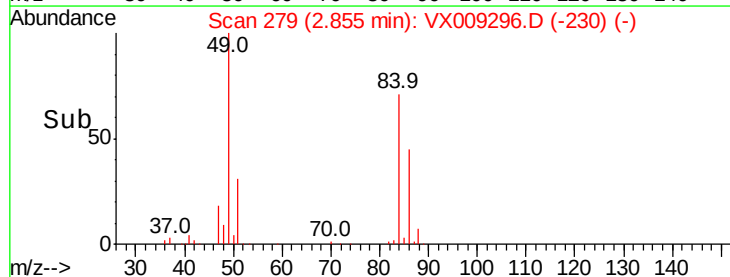
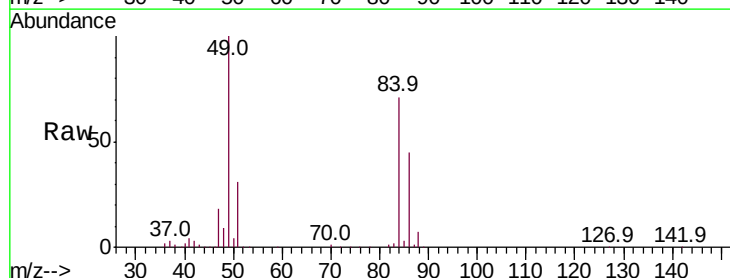
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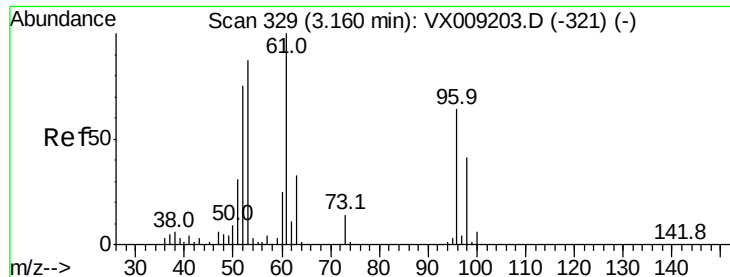
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#20
Methylene Chloride
Concen: 49.670 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion: 84 Resp: 98964
Ion Ratio Lower Upper
84 100
49 140.2 109.9 164.9
51 43.2 32.7 49.1
86 63.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 51.396 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

Tot Ion: 96 Resp: 87798

Ion Ratio Lower Upper

96 100

61 158.9 124.5 186.7

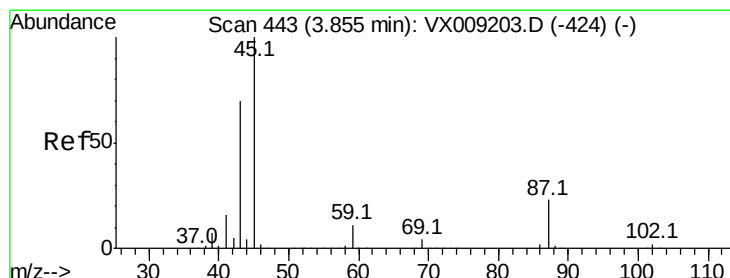
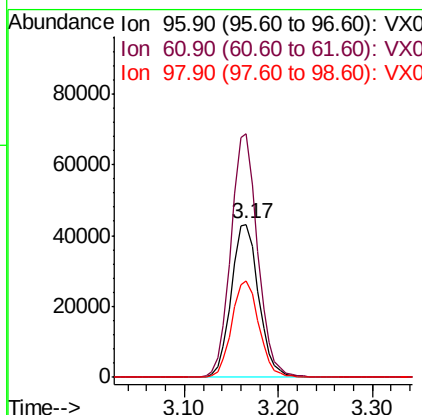
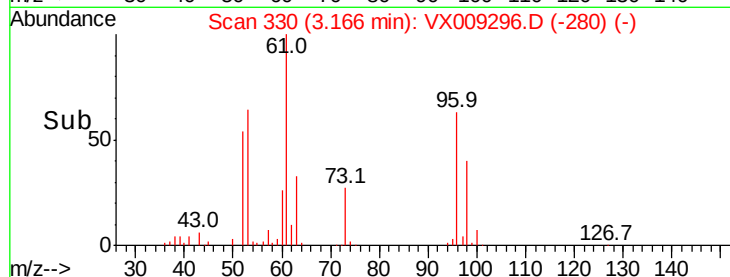
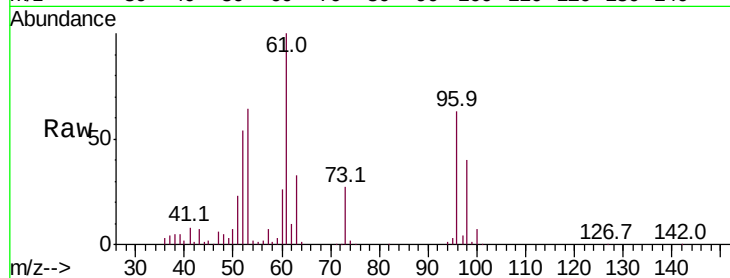
98 63.2 50.4 75.6

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#22

Diisopropyl ether

Concen: 52.455 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Tgt Ion: 45 Resp: 387232

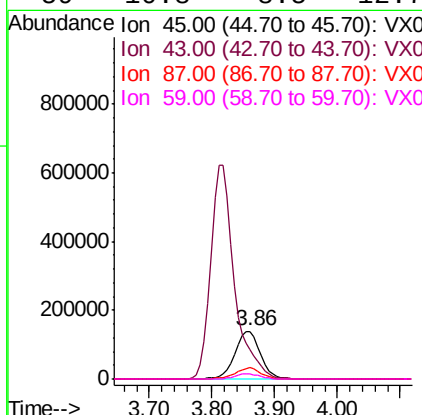
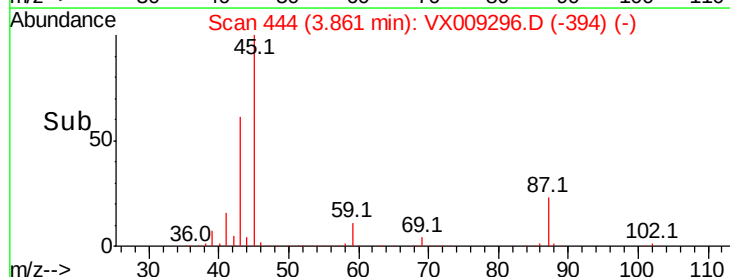
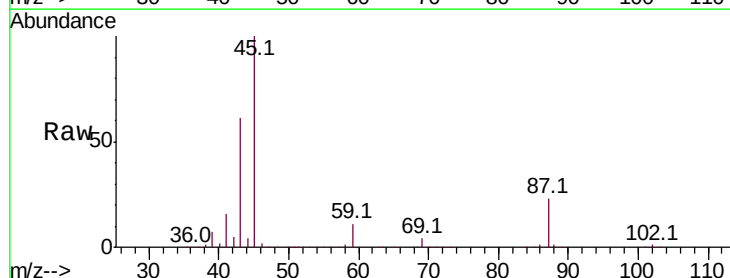
Ion Ratio Lower Upper

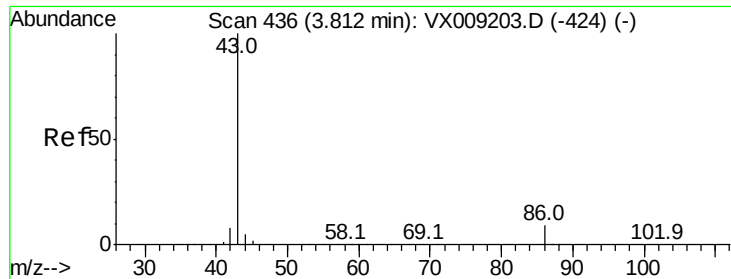
45 100

43 60.8 56.1 84.1

87 23.1 18.1 27.1

59 10.8 8.5 12.7





#23

Vinyl Acetate

Concen: 257.388 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

Tot Ion: 43 Resp: 1627072

Ion Ratio Lower Upper

43 100

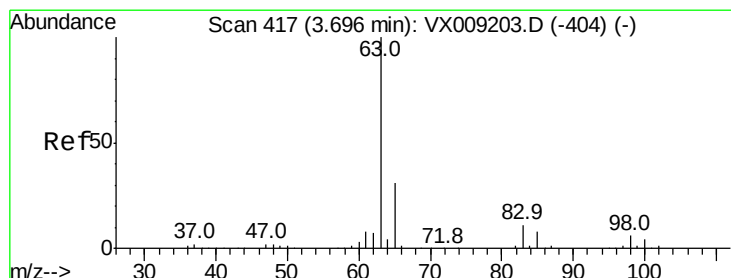
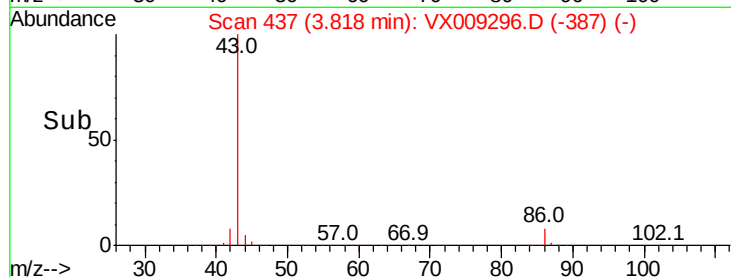
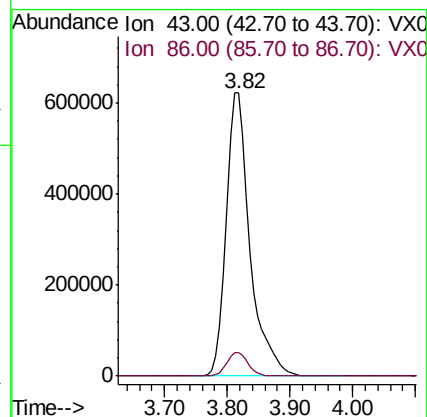
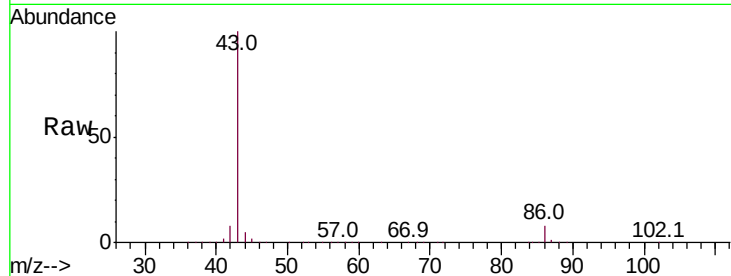
86 8.4 6.9 10.3

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#24

1,1-Dichloroethane

Concen: 51.331 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

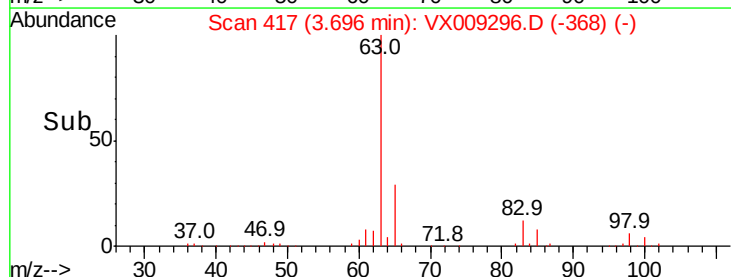
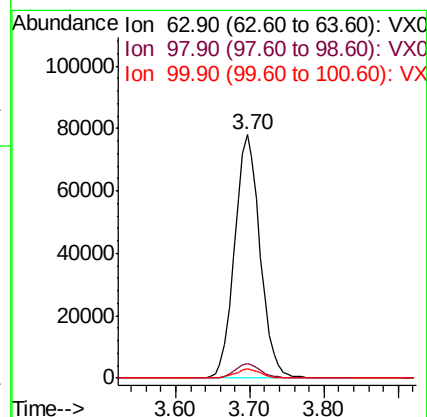
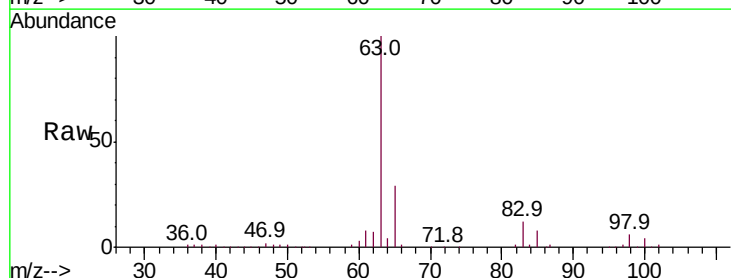
Tgt Ion: 63 Resp: 186936

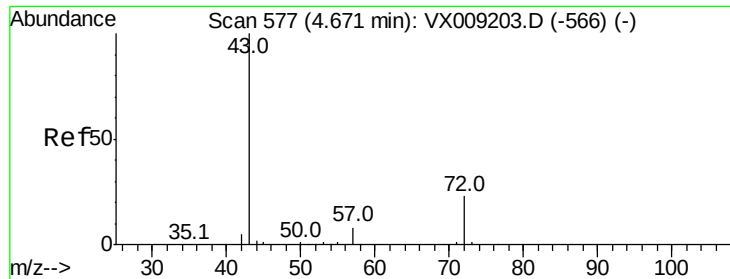
Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 3.7 2.0 6.0





#25

2-Butanone

Concen: 267.481 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

Tot Ion: 43 Resp: 511490

Ion Ratio Lower Upper

43 100

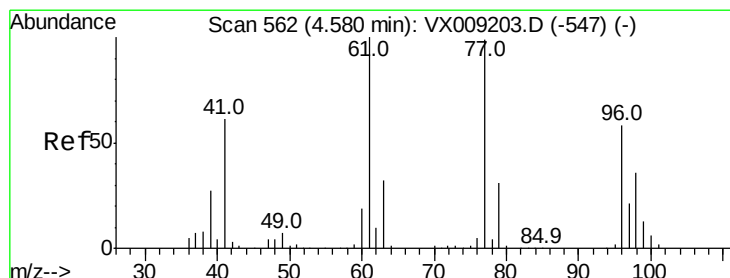
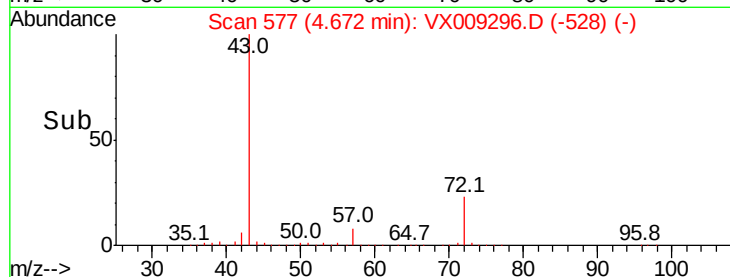
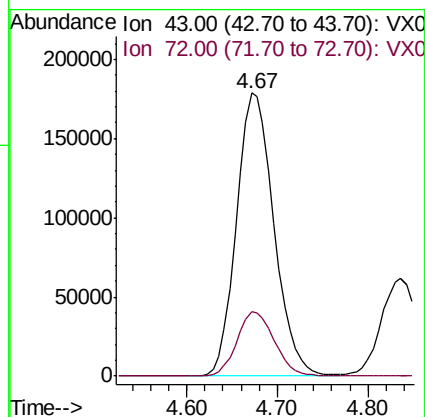
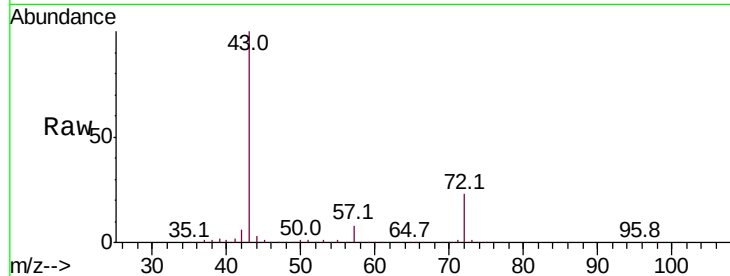
72 22.6 18.2 27.2

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#26

2,2-Dichloropropane

Concen: 35.127 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009296.D

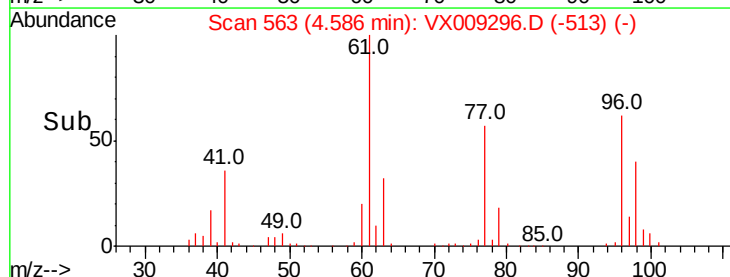
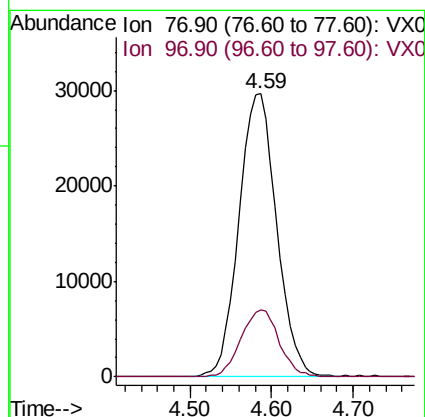
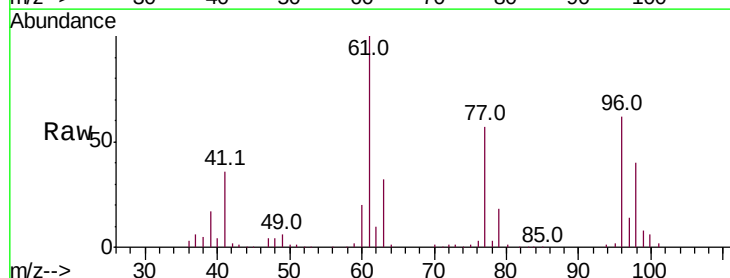
Acq: 03 May 2019 00:17

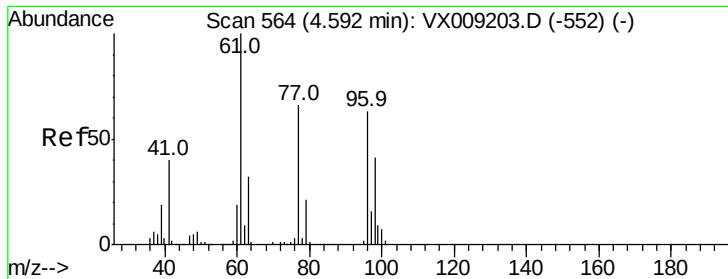
Tgt Ion: 77 Resp: 95219

Ion Ratio Lower Upper

77 100

97 24.2 11.5 34.4





#27

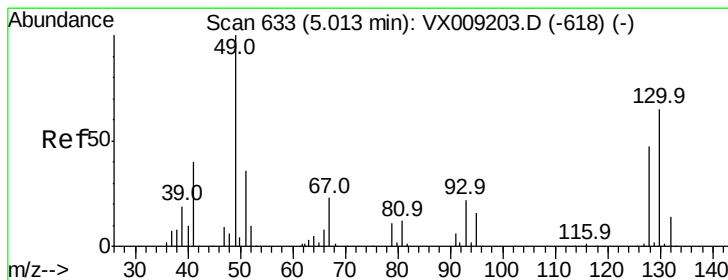
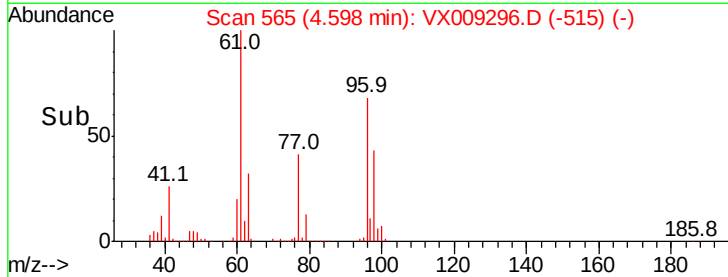
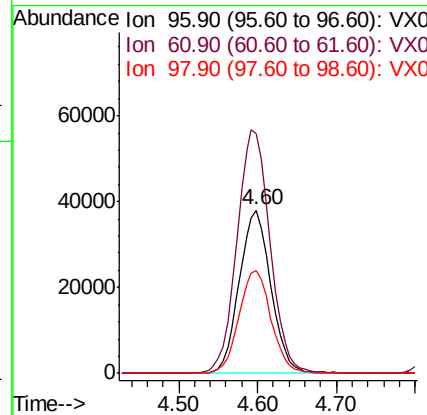
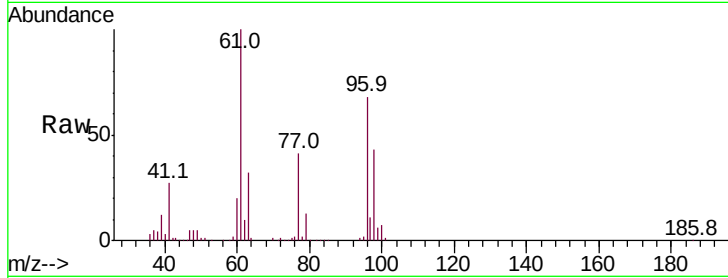
cis-1,2-Dichloroethene
Concen: 51.942 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	155.7	0.0	324.0	
98	64.2	0.0	130.4	

Manual Integrations
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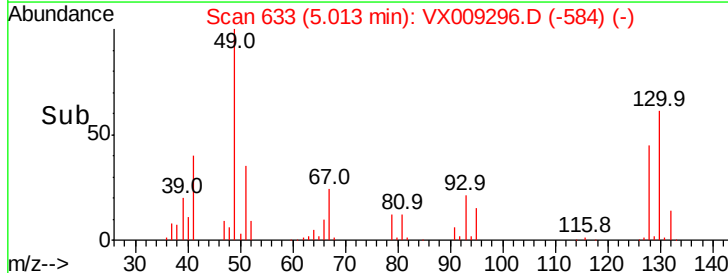
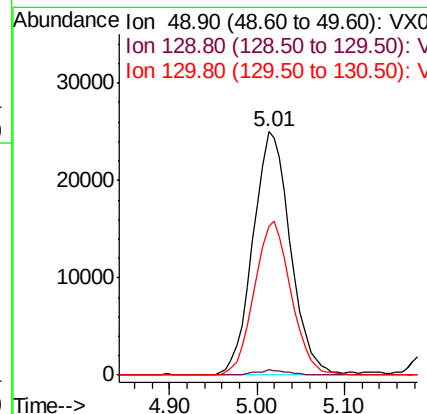
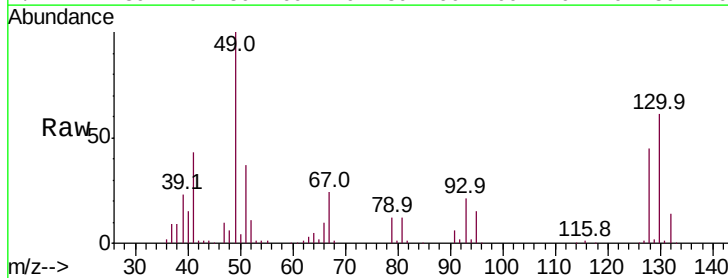
MMDadoda
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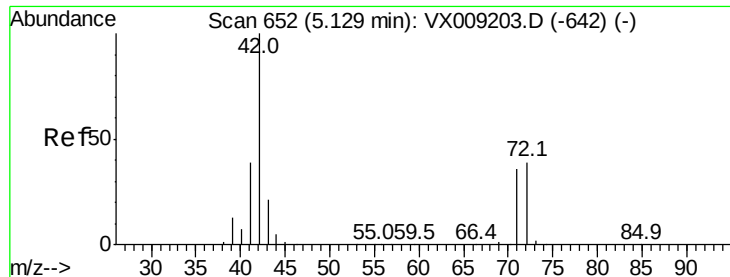


#28

Bromochloromethane
Concen: 51.053 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	3.8	
130	62.0	51.2	76.8	





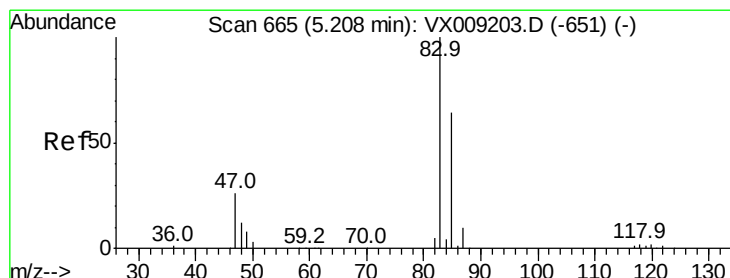
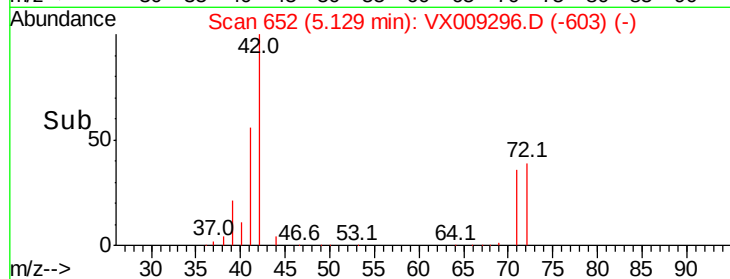
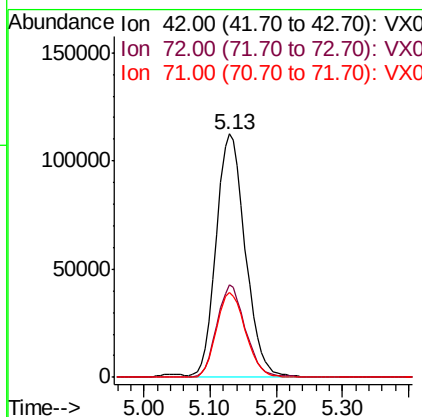
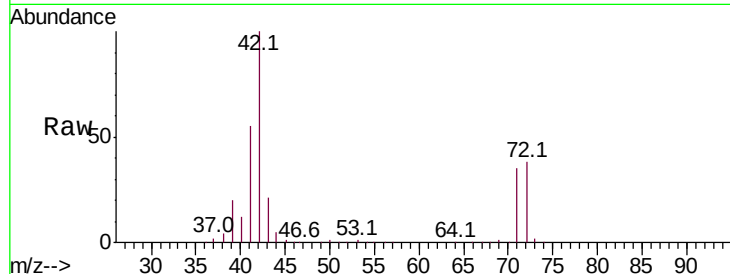
#29
Tetrahydrofuran
Concen: 277.938 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.6	30.4	45.6
71	35.0	28.6	43.0

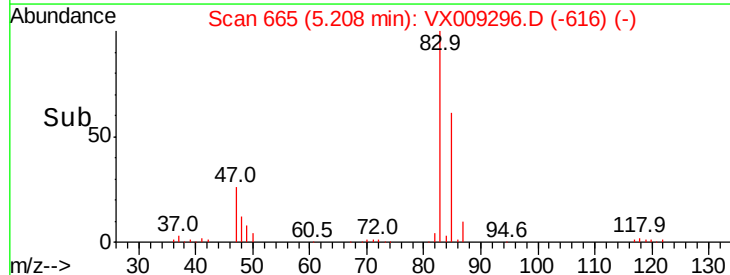
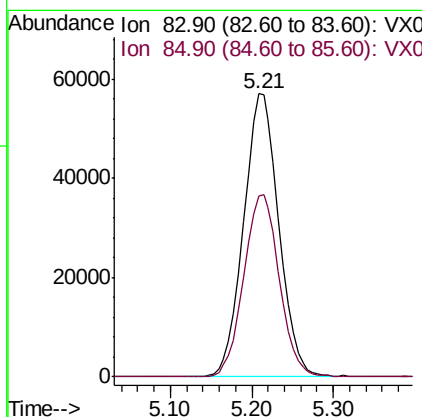
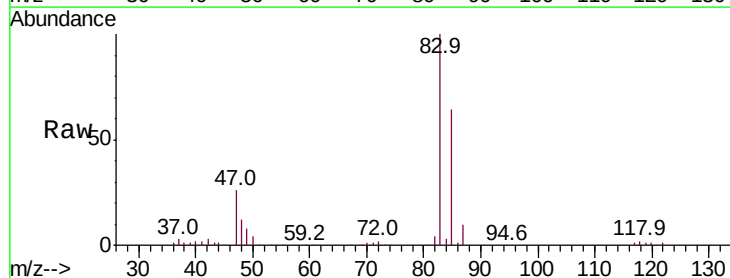
Manual Integrations
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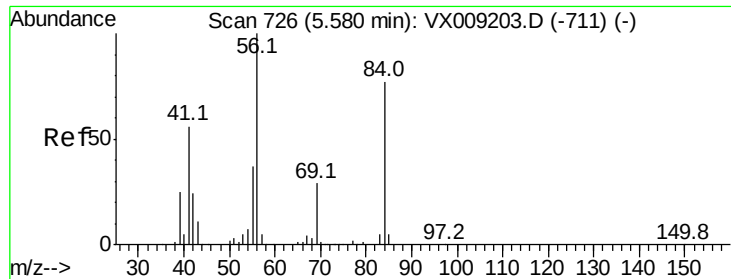
MMDadoda
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#30
Chloroform
Concen: 52.043 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.5	77.3





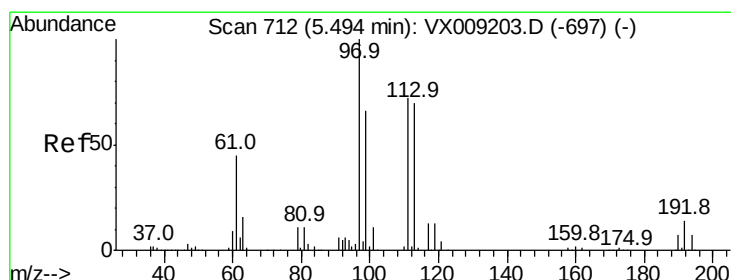
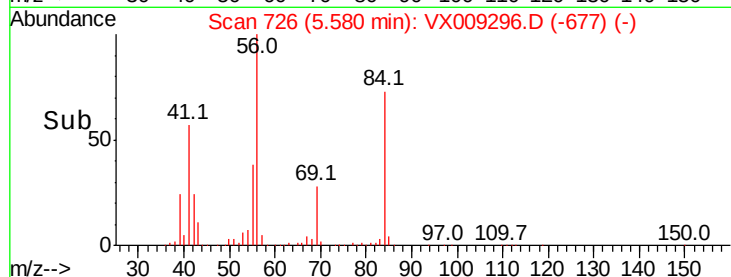
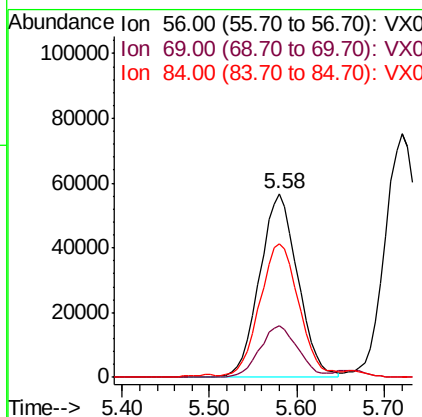
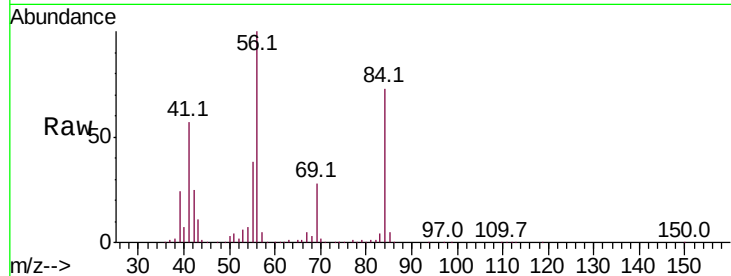
#31
Cyclohexane
Concen: 50.942 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.4	35.0
84	72.0	61.9	92.9

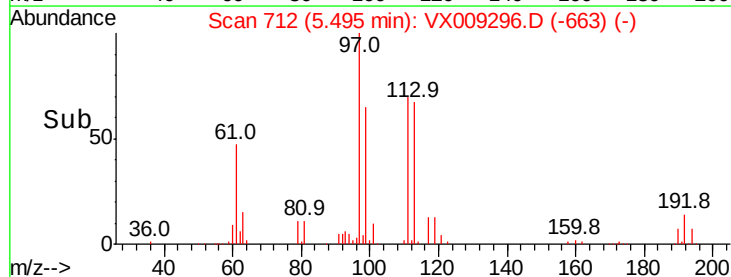
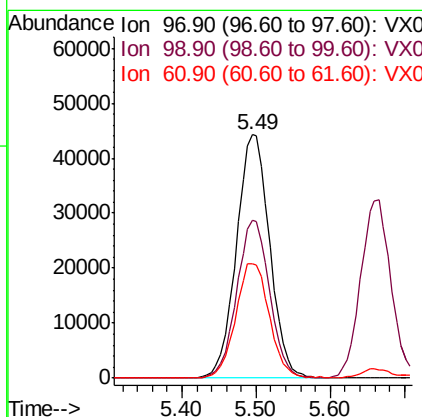
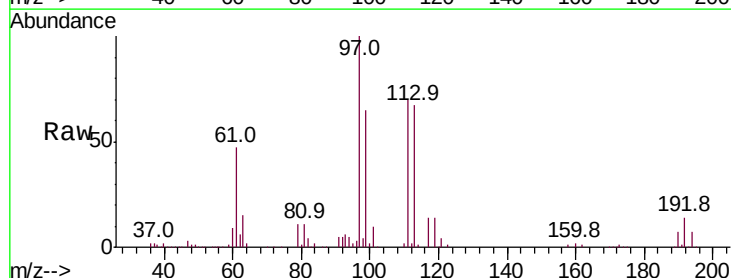
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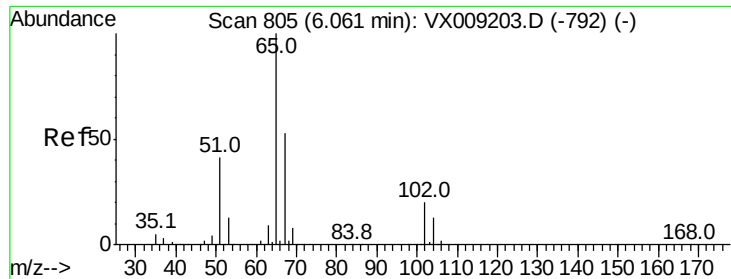
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.541 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.8
61	48.0	37.8	56.8





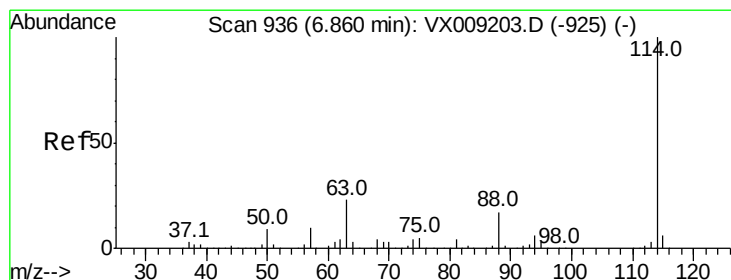
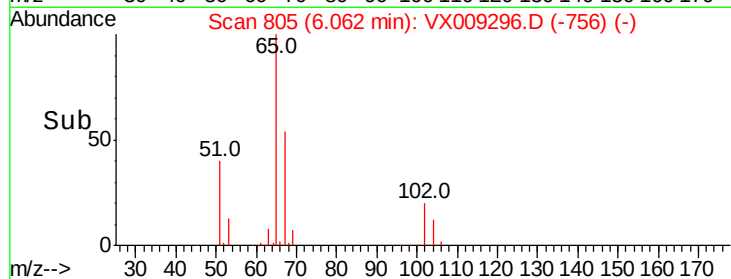
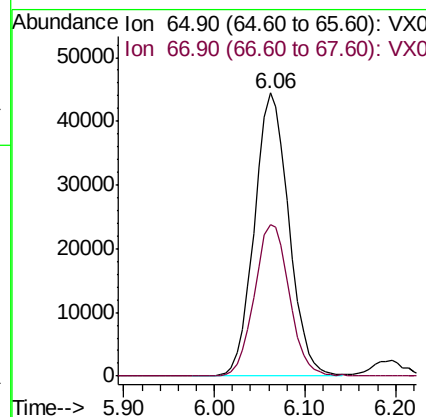
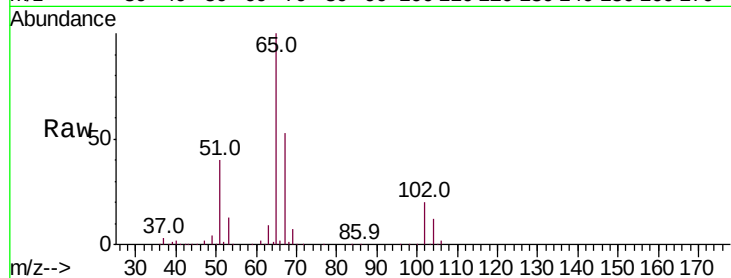
#33
 1,2-Dichloroethane-d4
 Concen: 50.883 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	106.6

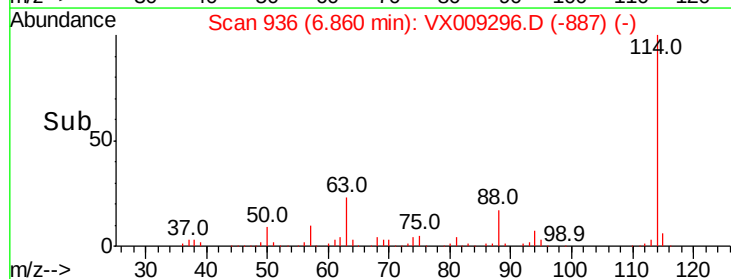
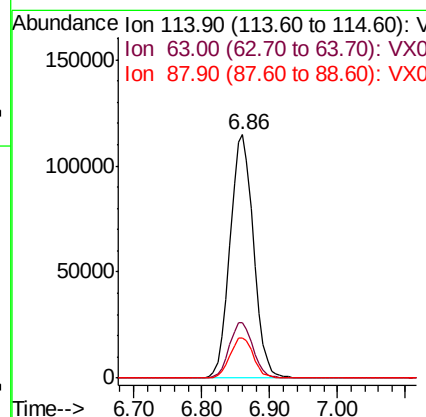
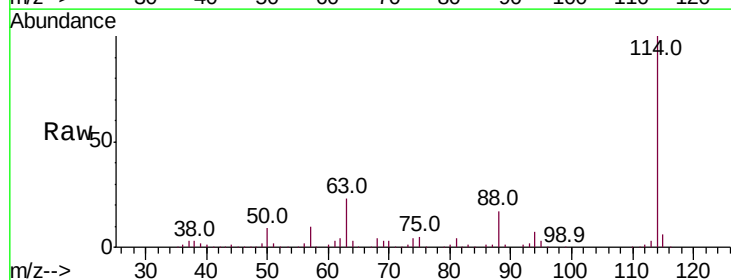
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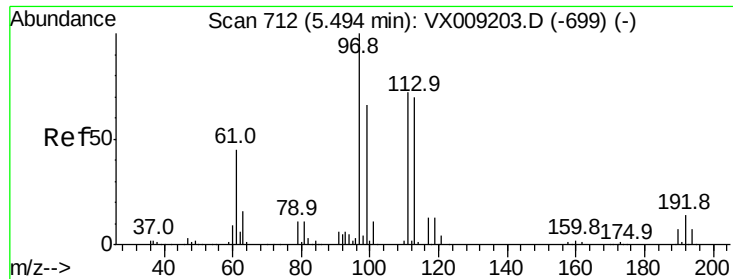
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.6
88	16.6	0.0	33.2





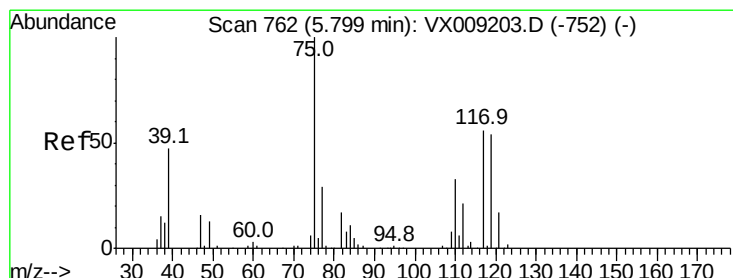
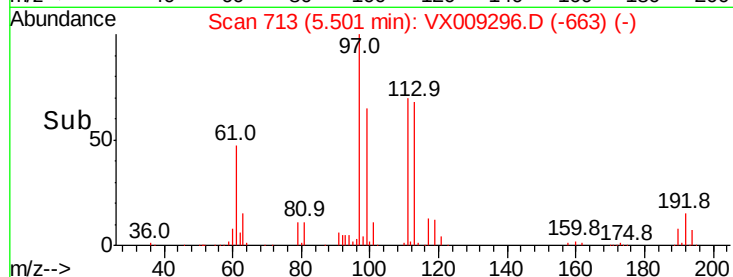
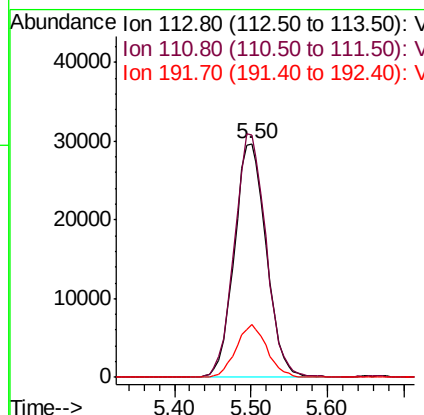
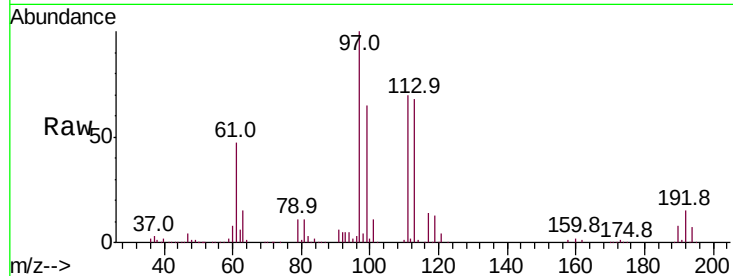
#35
 Dibromofluoromethane
 Concen: 49.917 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.8	124.2
192	21.9	17.0	25.6

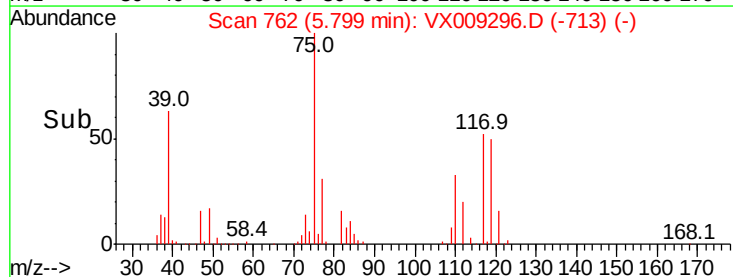
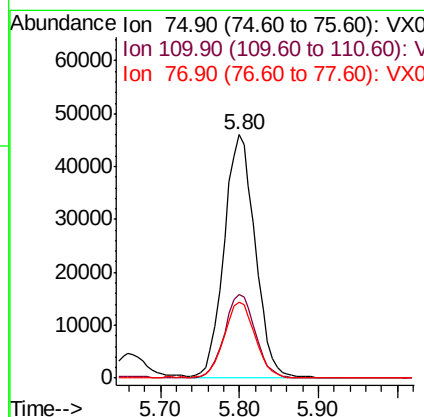
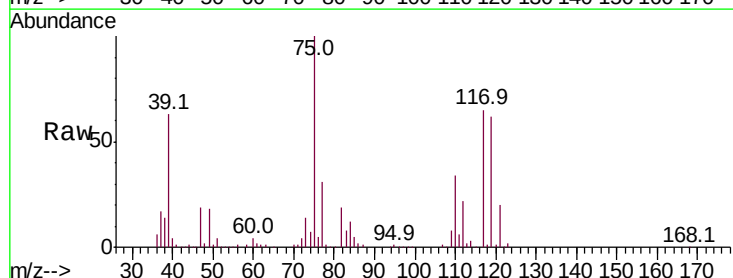
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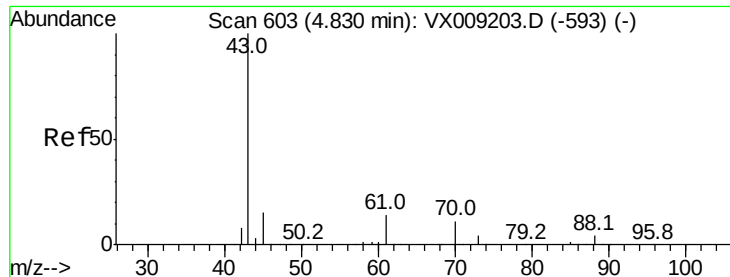
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#36
 1,1-Dichloropropene
 Concen: 49.257 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.9	50.6
77	31.6	24.8	37.2





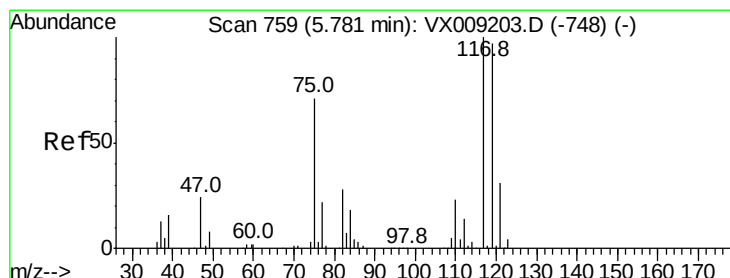
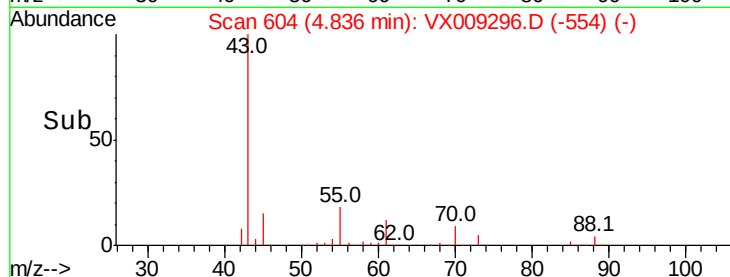
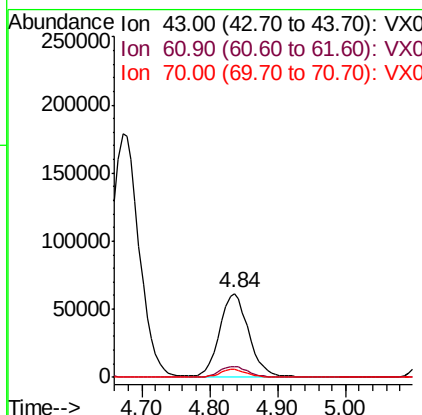
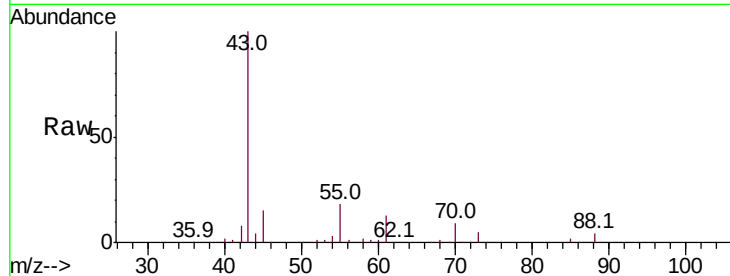
#37
Ethyl Acetate
Concen: 51.255 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.5	15.7
70	9.5	7.9	11.9

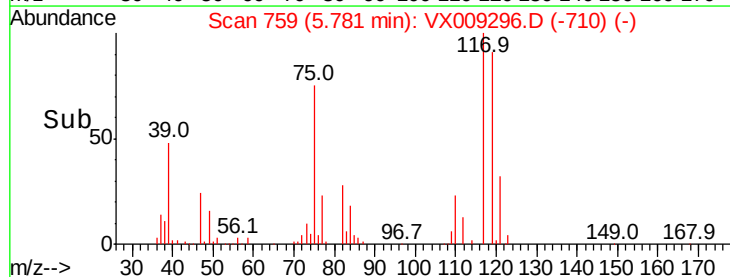
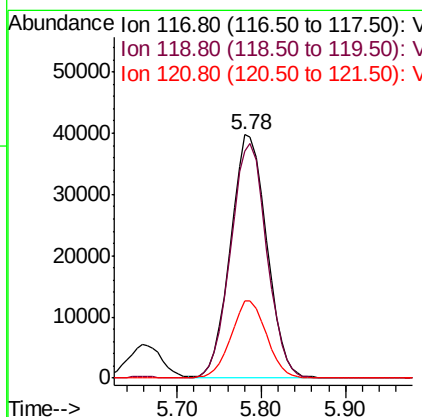
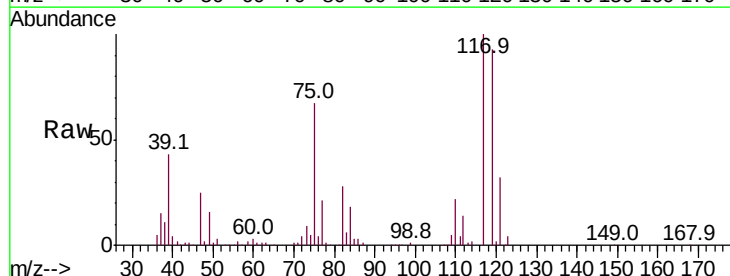
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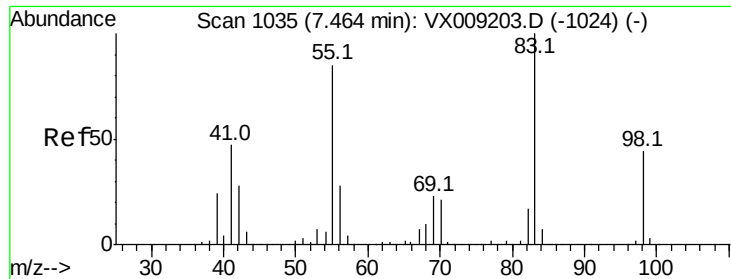
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.316 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	77.5	116.3
121	31.9	24.7	37.1





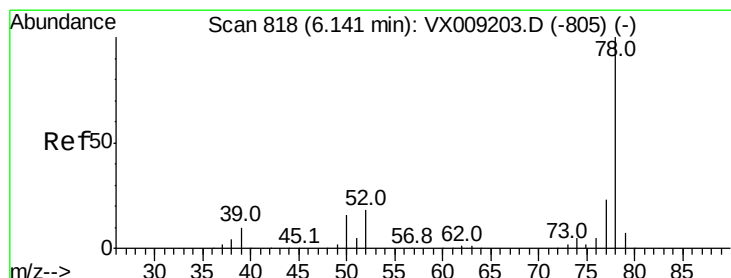
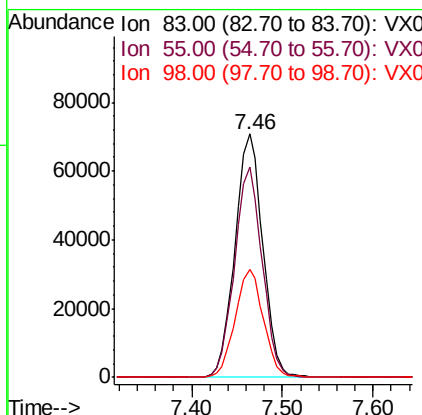
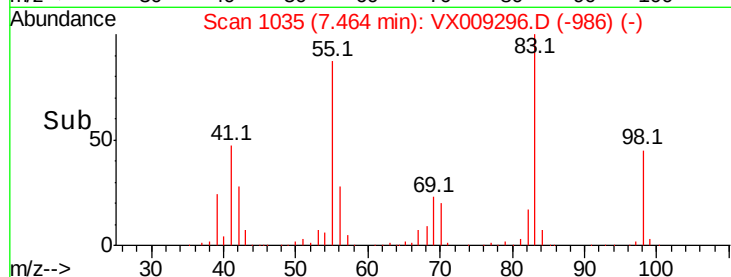
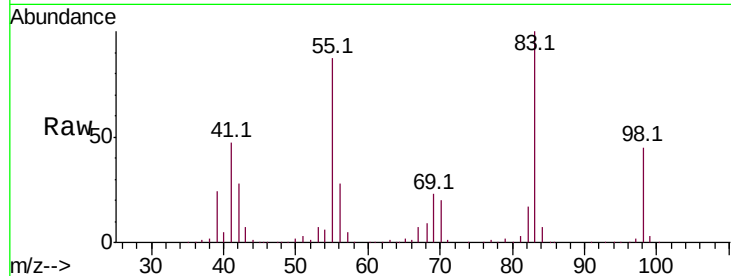
#39
Methylvlcyclohexane
Concen: 48.231 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.6	67.7	101.5
98	44.6	35.5	53.3

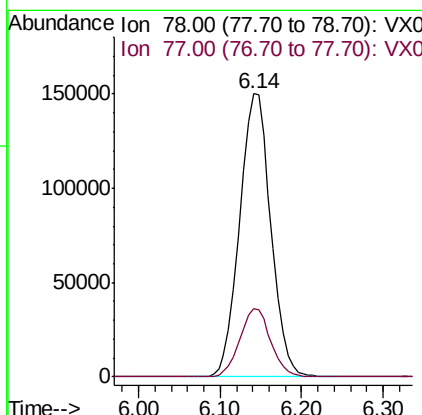
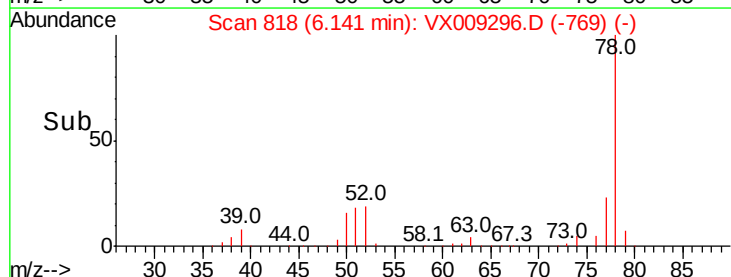
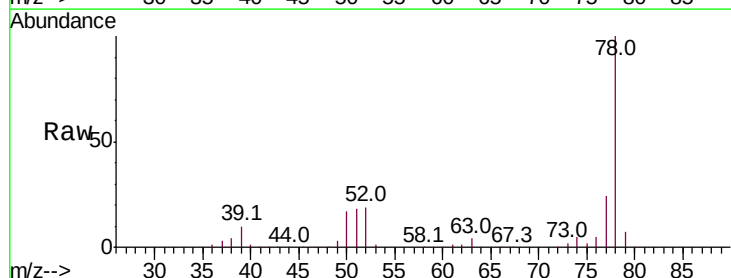
Manual Integrations
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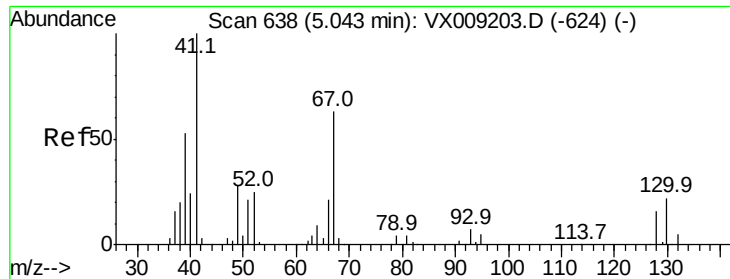
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#40
Benzene
Concen: 50.600 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2





#41

Methacrylonitrile

Concen: 51.949 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

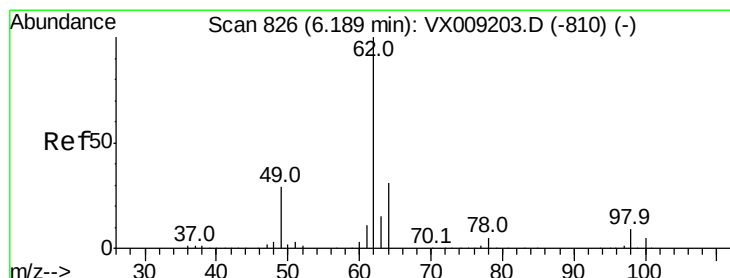
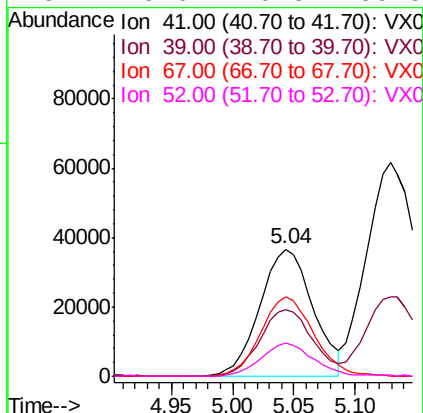
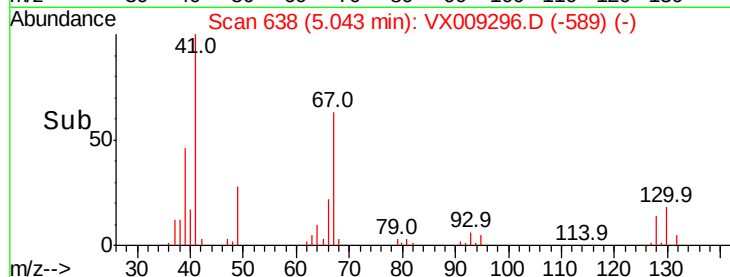
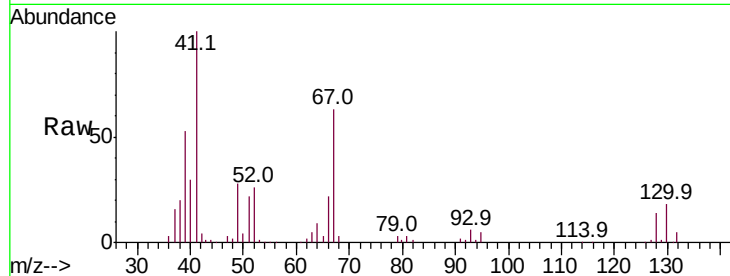
ClientSampleId :

SS050MW641-190429MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.8	42.0	63.0	
67	63.2	49.8	74.8	
52	25.6	20.3	30.5	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 51.675 ug/l

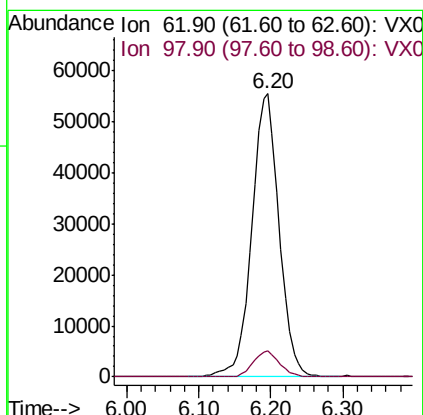
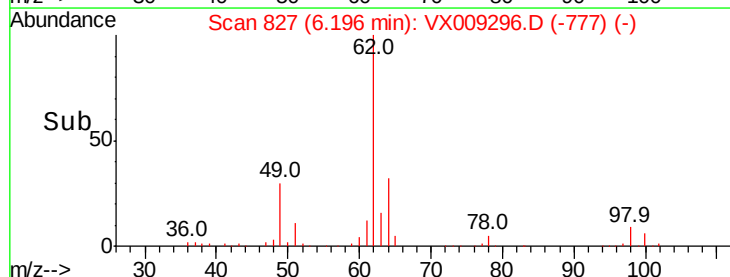
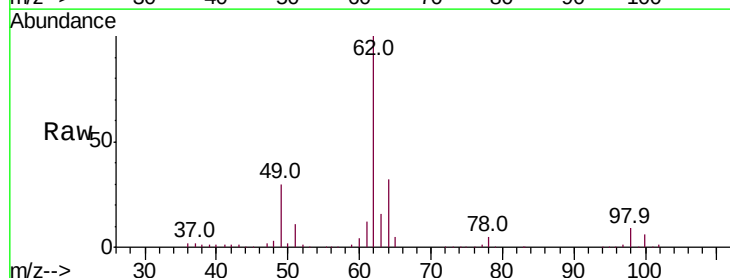
RT: 6.20 min Scan# 827

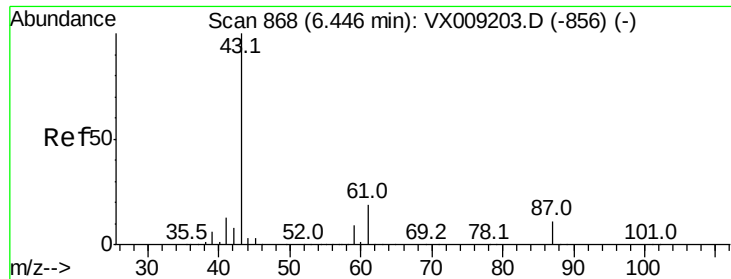
Delta R.T. 0.01 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	18.2	





#43

Isopropyl Acetate

Concen: 51.279 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

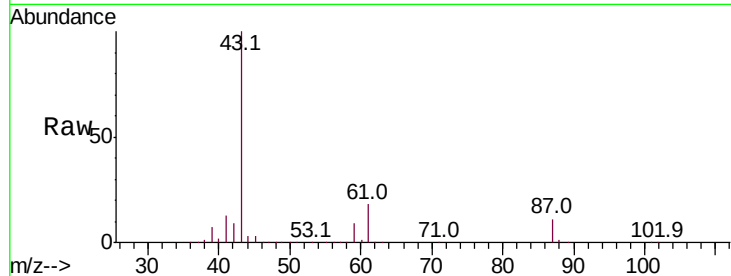
ClientSampleId :

SS050MW641-190429MS

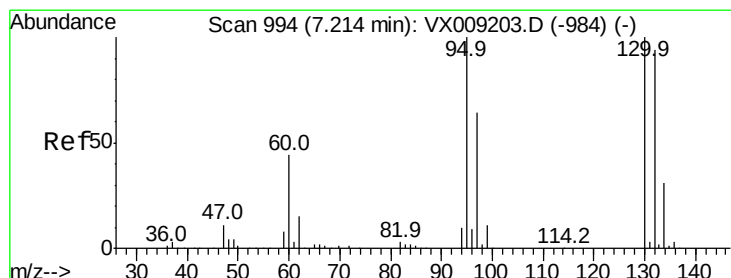
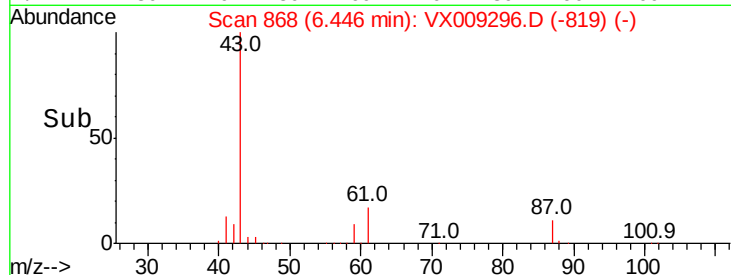
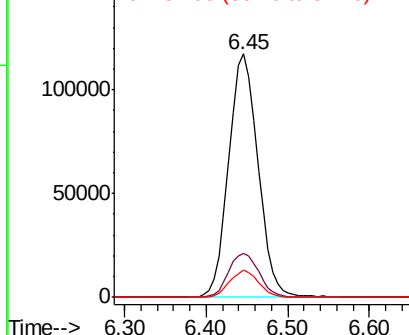
Tot Ion:	43	Resp:	290924
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.1	22.7
87	11.1	9.0	13.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.555 ug/l

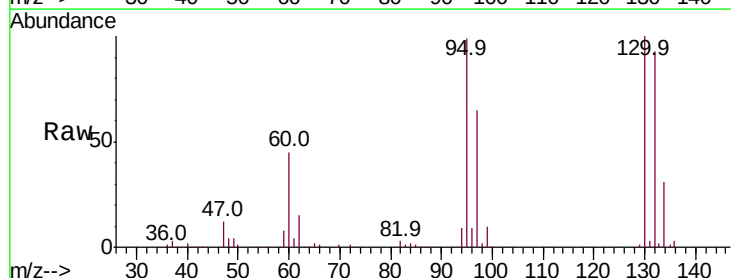
RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

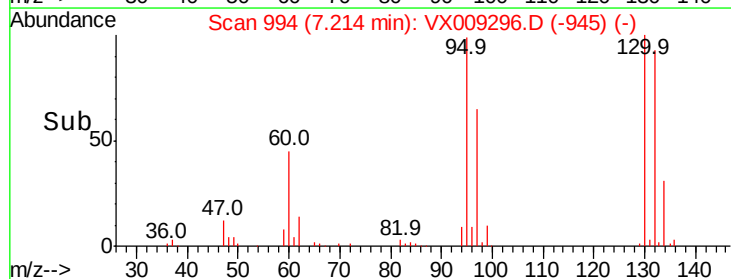
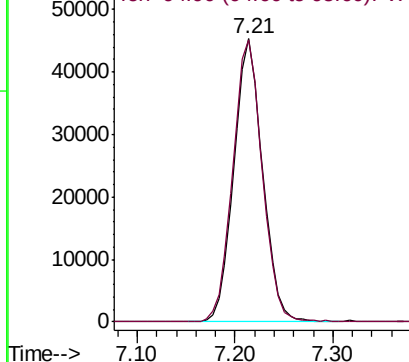
Lab File: VX009296.D

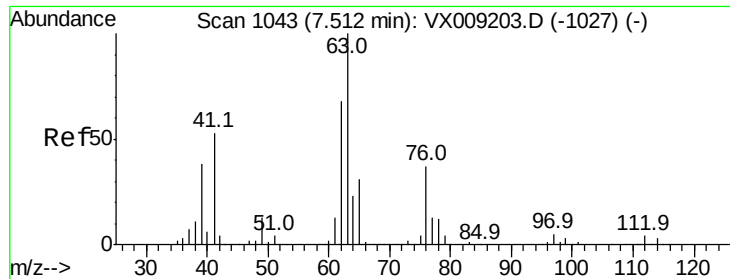
Acq: 03 May 2019 00:17

Tgt Ion:	130	Resp:	92477
Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	199.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





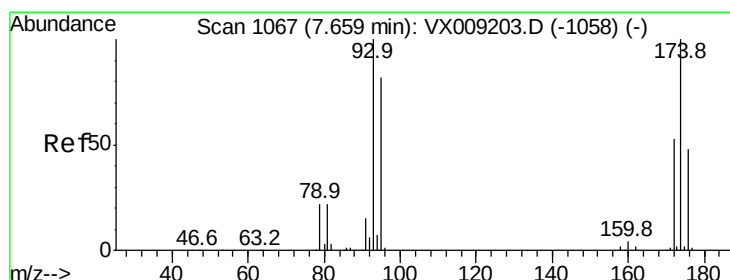
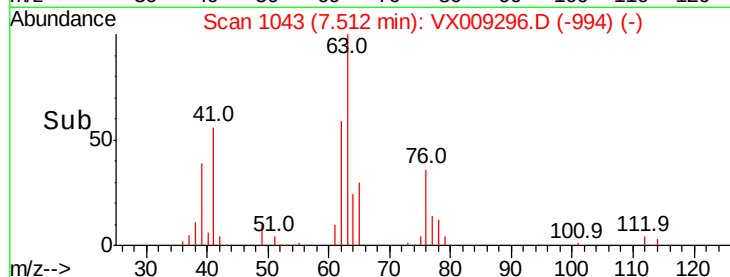
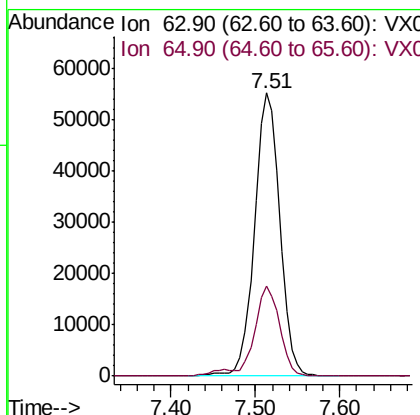
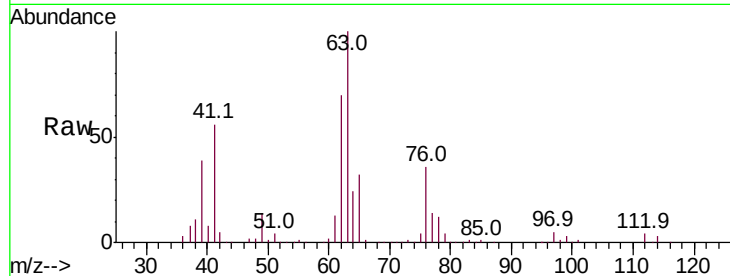
#45
 1,2-Dichloropropane
 Concen: 51.266 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

Tot Ion: 63 Resp: 114365
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.6

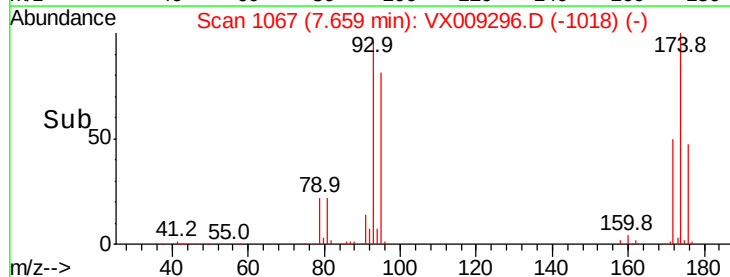
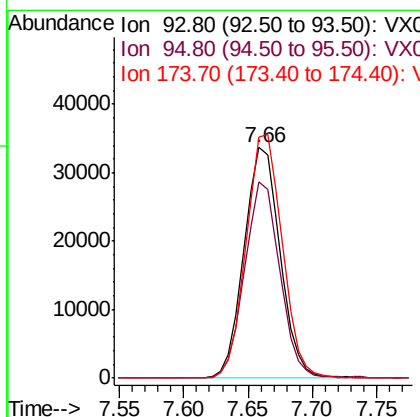
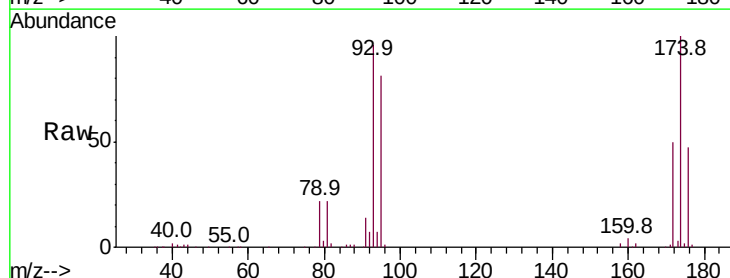
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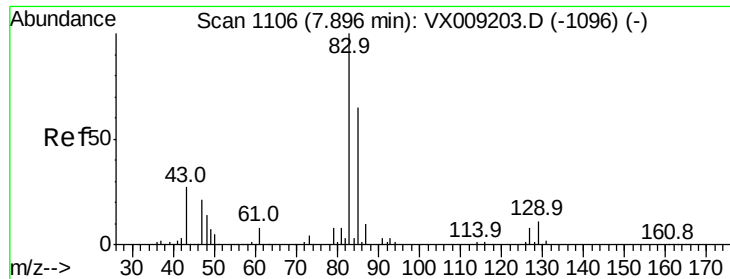
MMDadoda
 5/3/2019 11:18:47 AM



#46
 Dibromomethane
 Concen: 50.300 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion: 93 Resp: 65161
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.5 99.7
 174 106.1 82.1 123.1





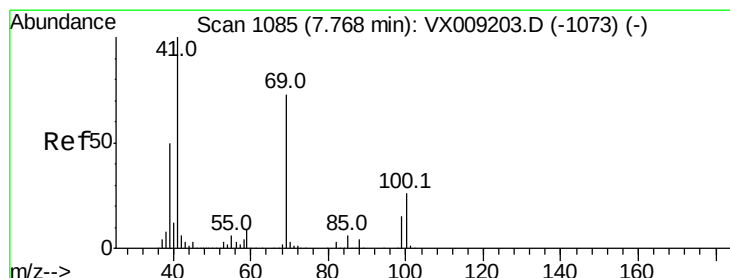
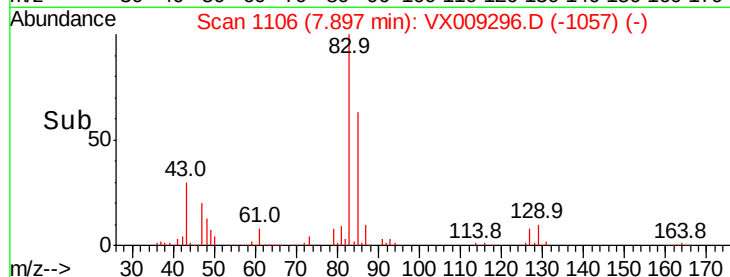
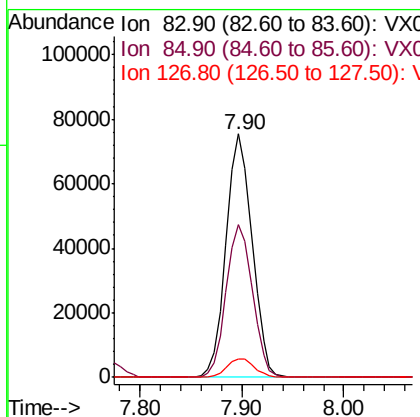
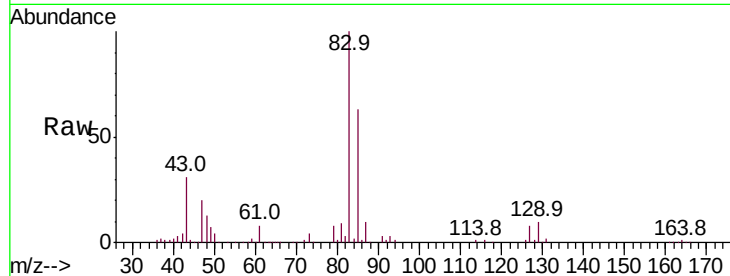
#47
 Bromodichloromethane
 Concen: 51.657 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.4	78.6
127	7.6	6.6	10.0

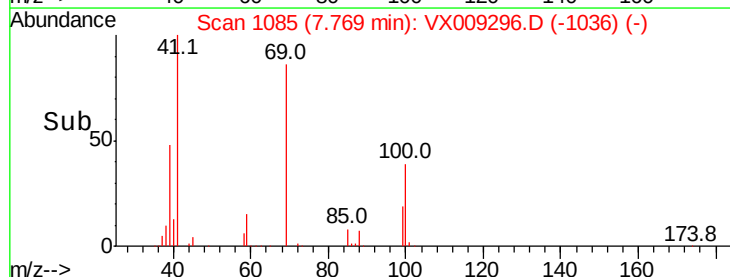
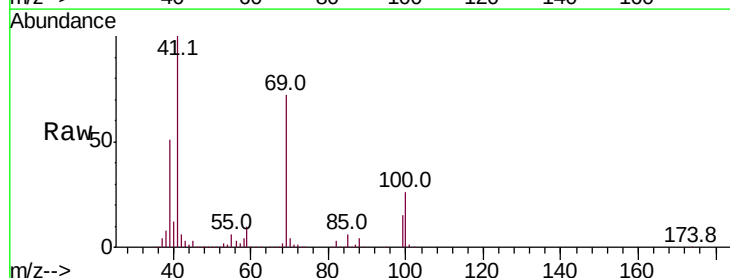
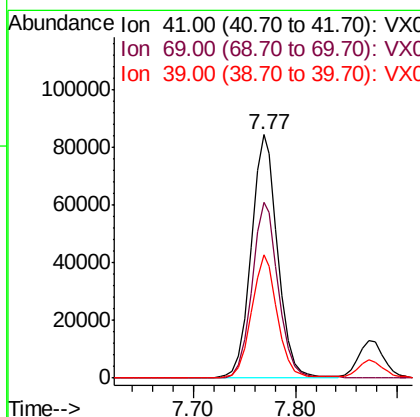
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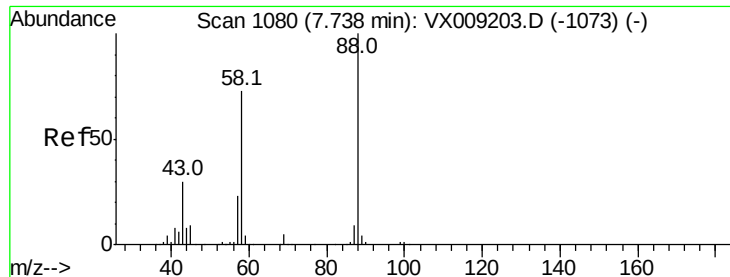
MMDadoda
 5/3/2019 11:18:47 AM



#48
 Methyl methacrylate
 Concen: 53.967 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	72.4	59.1	88.7
39	49.2	40.4	60.6





#49

1,4-Dioxane

Concen: 933.459 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

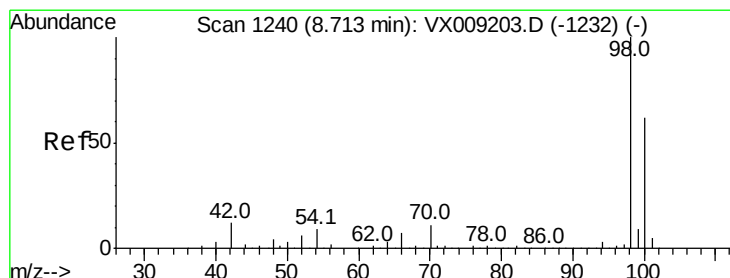
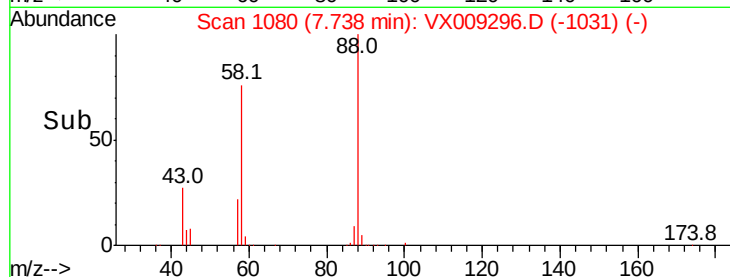
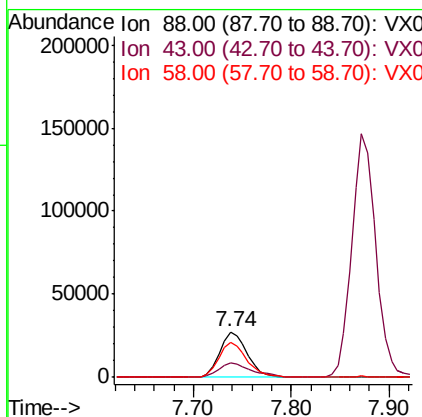
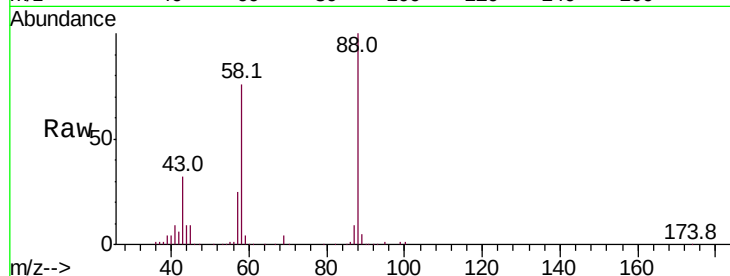
ClientSampleId :

SS050MW641-190429MS

Tot Ion:	88	Resp:	53283
Ion	Ratio	Lower	Upper
88	100		
43	36.7	28.6	42.8
58	77.7	61.7	92.5

Manual Integrations
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#50

Toluene-d8

Concen: 49.940 ug/l

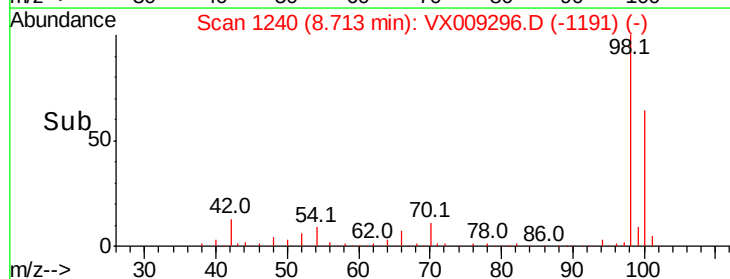
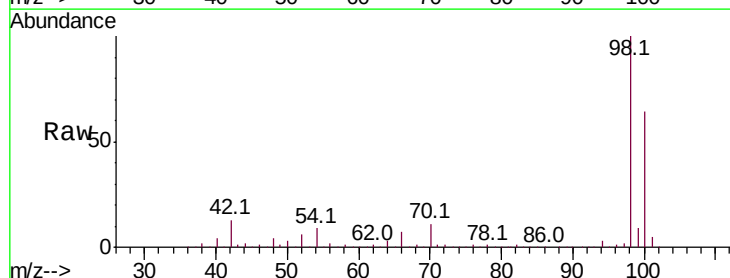
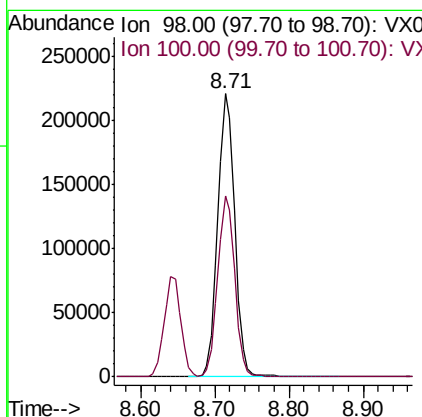
RT: 8.71 min Scan# 1240

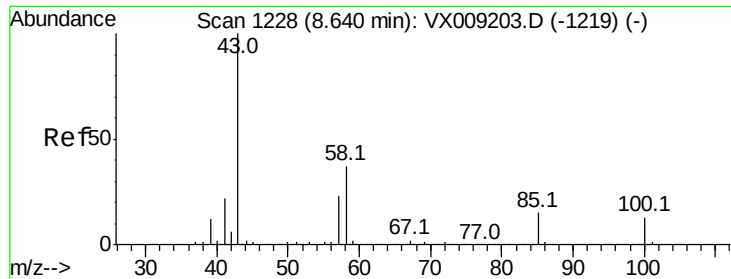
Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Tgt Ion:	98	Resp:	347193
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8





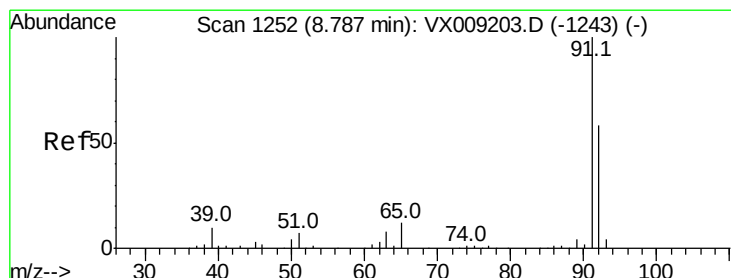
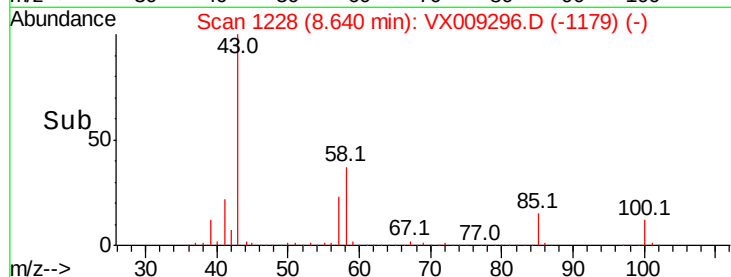
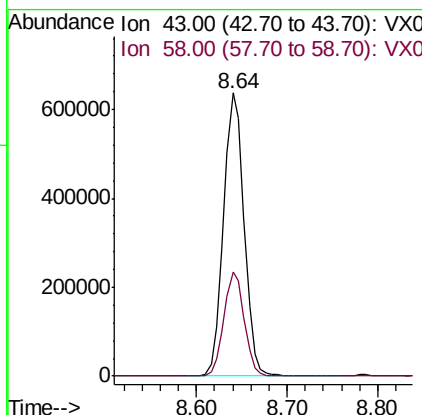
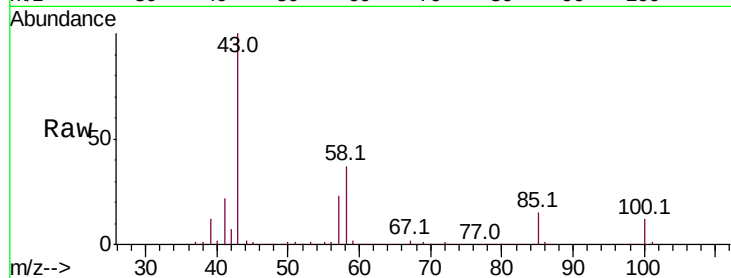
#51
4-Methyl-2-Pentanone
Concen: 271.670 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

Tot Ion: 43 Resp: 1007409
Ion Ratio Lower Upper
43 100
58 36.3 29.5 44.3

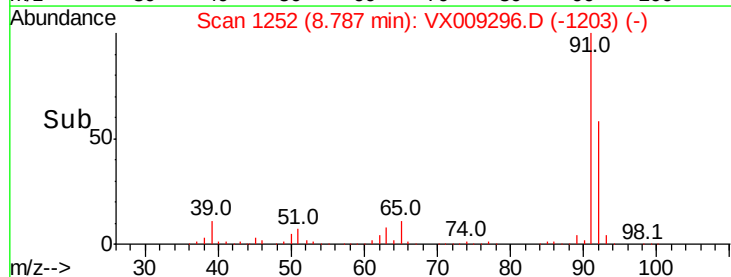
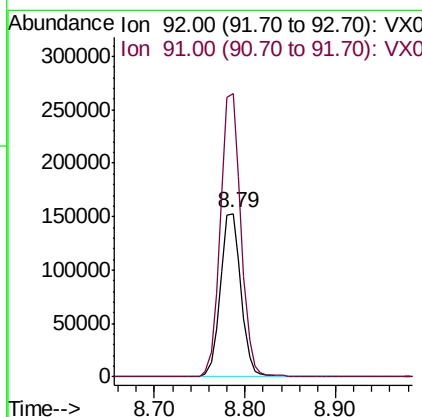
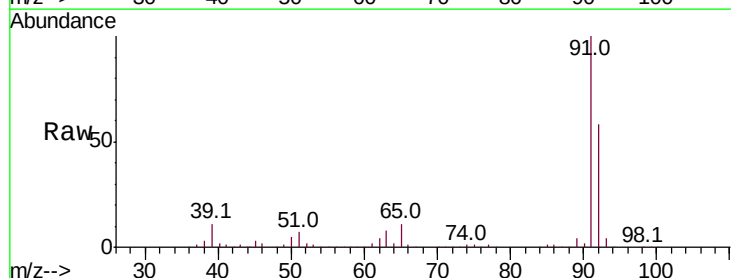
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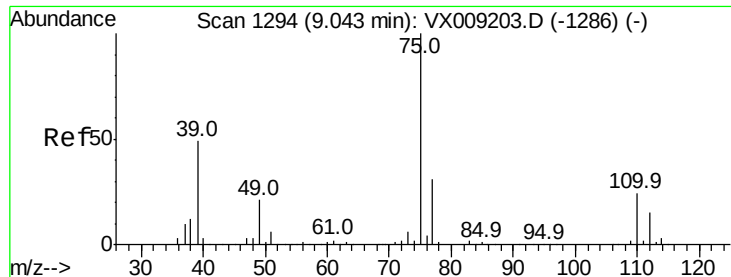
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#52
Toluene
Concen: 50.680 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion: 92 Resp: 242705
Ion Ratio Lower Upper
92 100
91 172.9 138.8 208.2





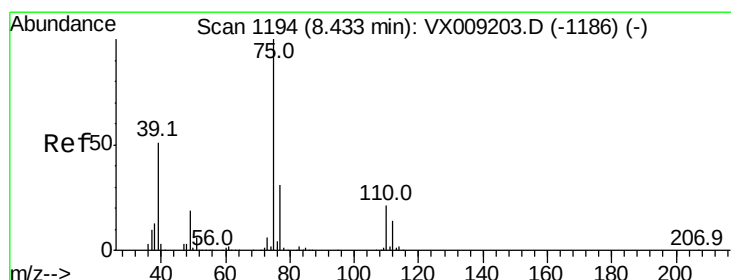
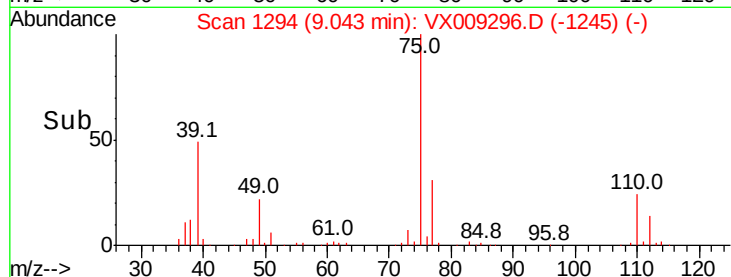
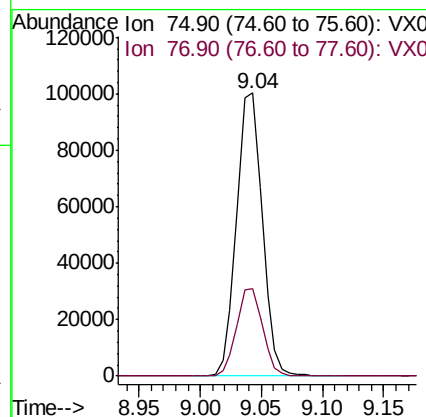
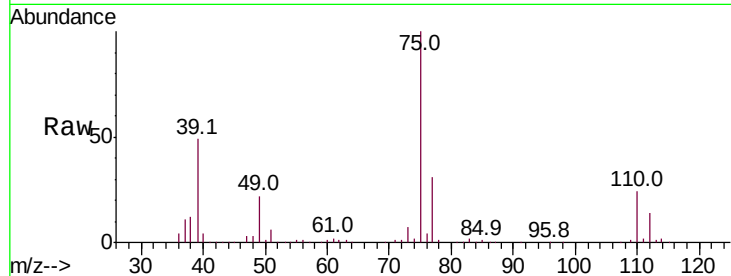
#53
 t-1,3-Dichloropropene
 Concen: 50.089 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.6

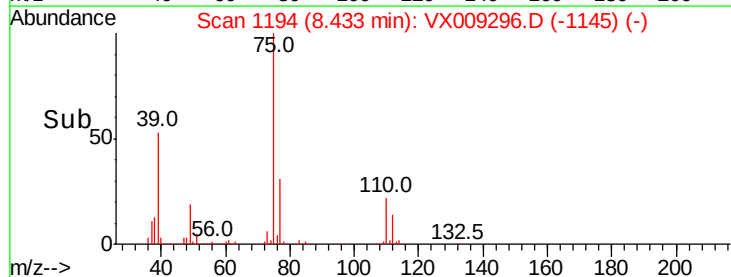
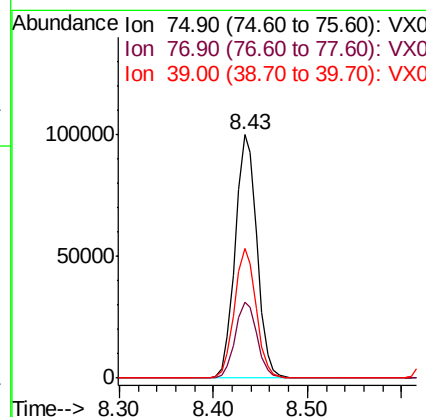
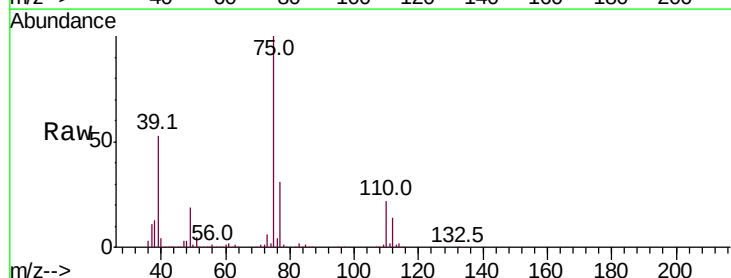
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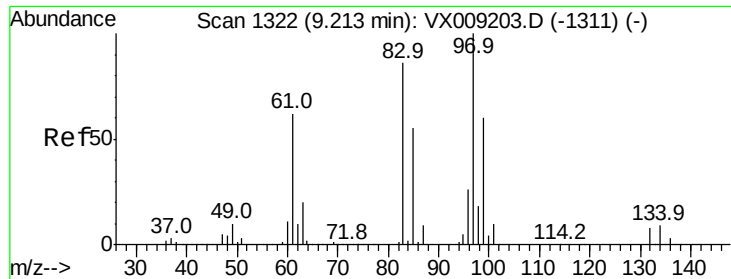
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#54
 cis-1,3-Dichloropropene
 Concen: 49.468 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.6	36.8
39	53.0	40.6	60.8





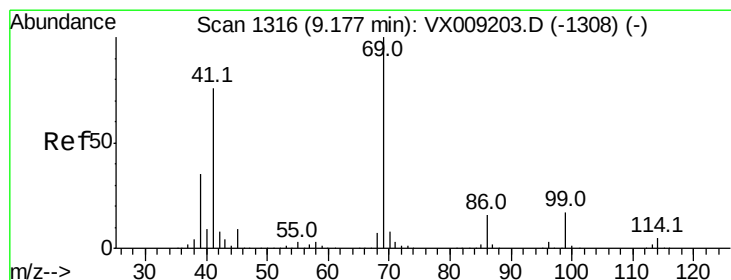
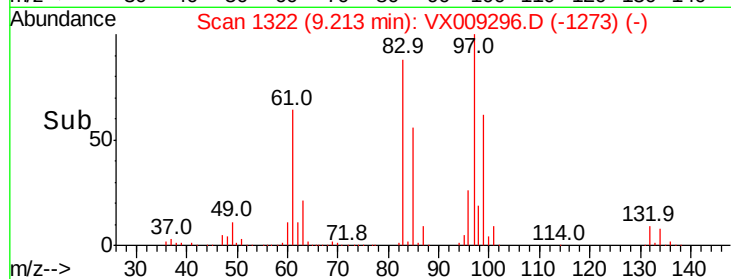
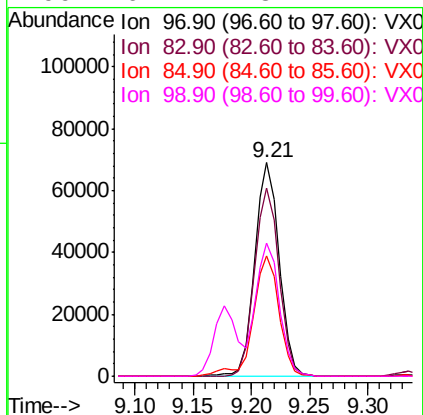
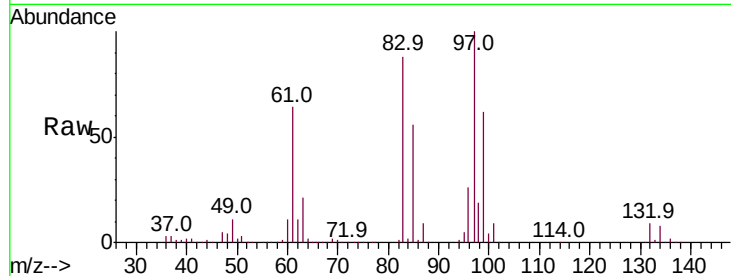
#55
 1,1,2-Trichloroethane
 Concen: 52.033 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		101661		
83	88.1	68.9	103.3		
85	56.4	43.8	65.6		
99	62.1	48.2	72.2		

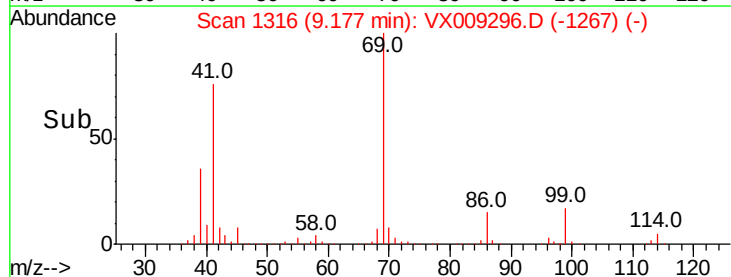
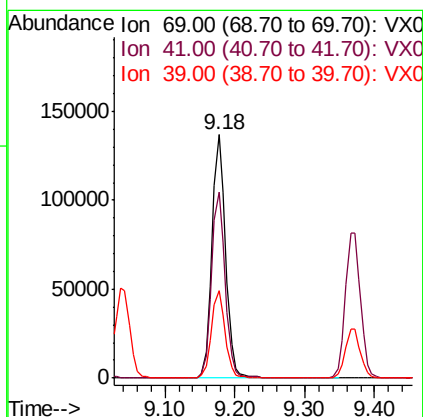
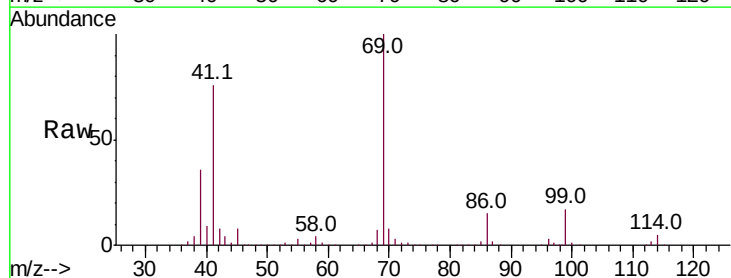
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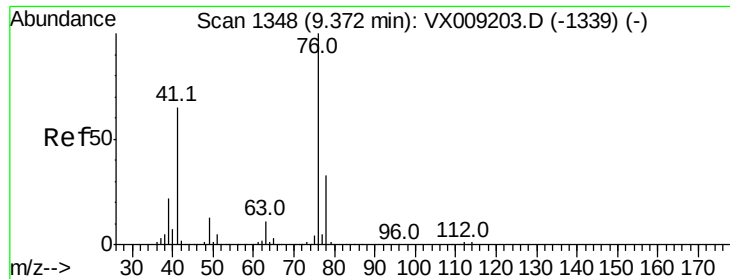
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#56
 Ethyl methacrylate
 Concen: 53.180 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		185472		
41	76.4	60.6	90.8		
39	36.6	28.2	42.4		





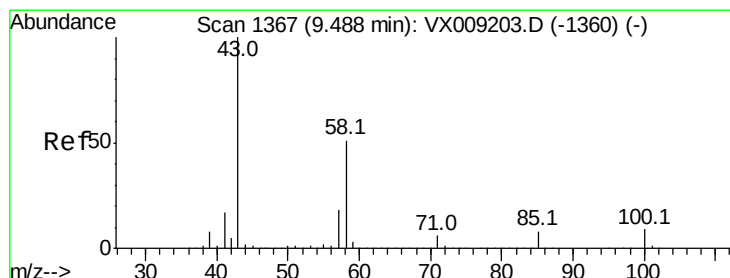
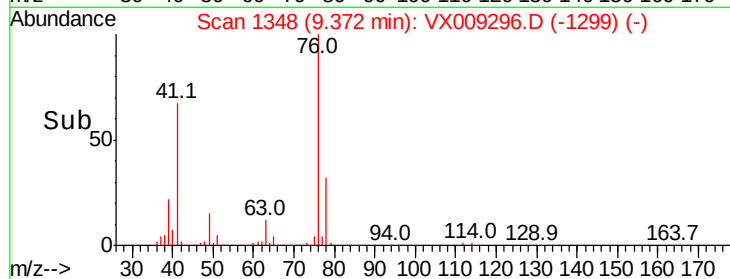
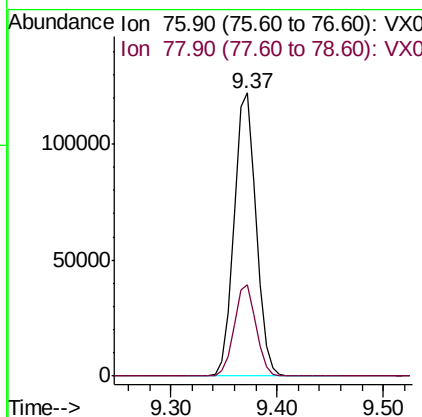
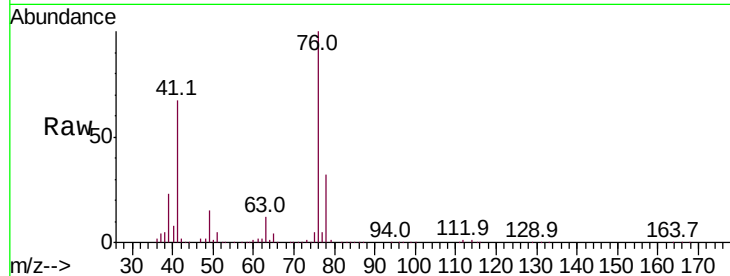
#57
 1,3-Dichloropropane
 Concen: 51.652 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.5	38.3

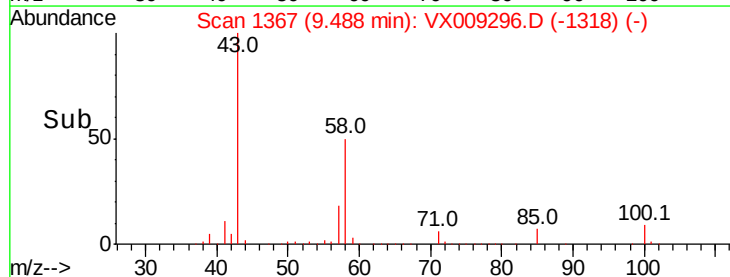
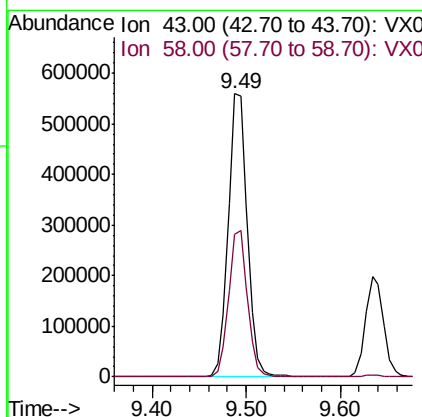
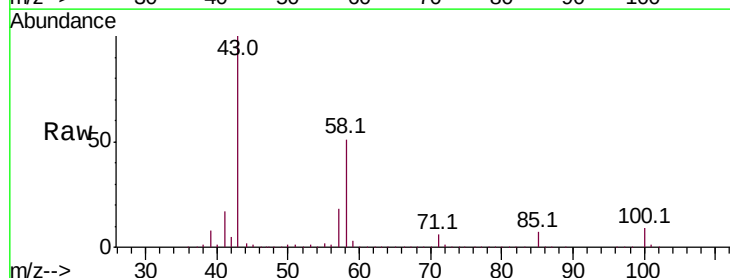
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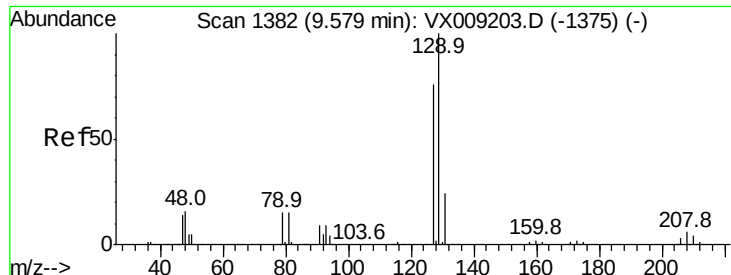
MMDadoda
 5/3/2019 11:18:47 AM



#59
 2-Hexanone
 Concen: 269.700 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.4	25.9	77.7





#60

Dibromochloromethane

Concen: 52.731 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

Tot Ion:129 Resp: 100622

Ion Ratio Lower Upper

129 100

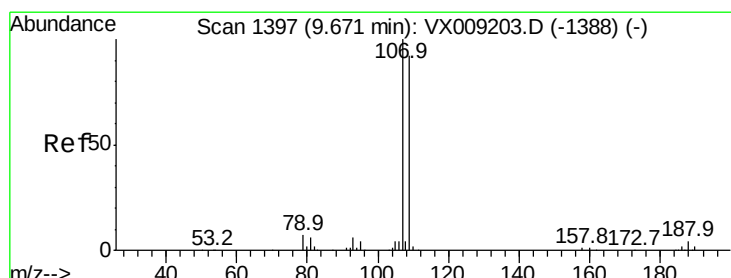
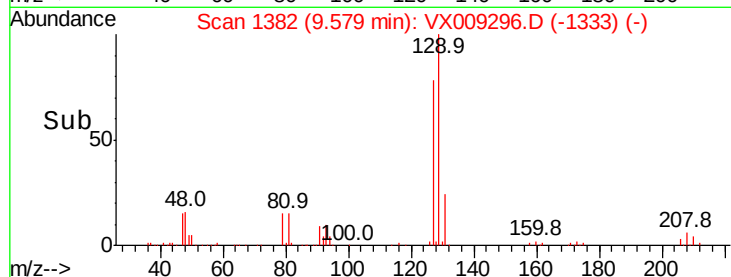
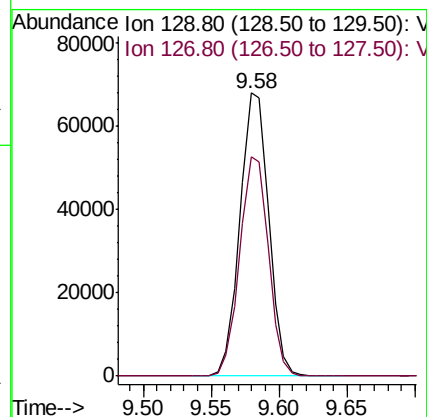
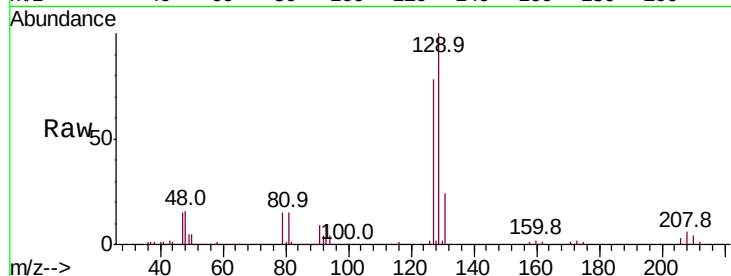
127 77.5 38.4 115.1

Manual Integrations

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MMDadoda

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#61

1,2-Dibromoethane

Concen: 51.751 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009296.D

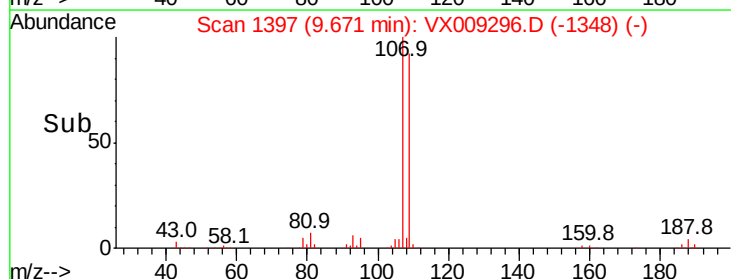
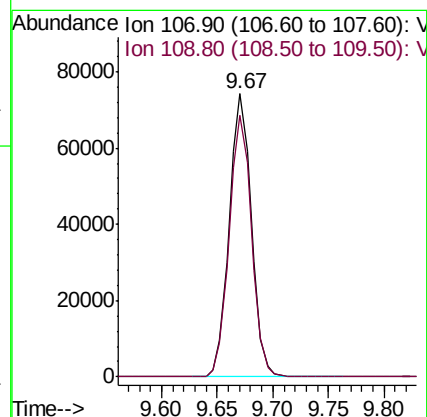
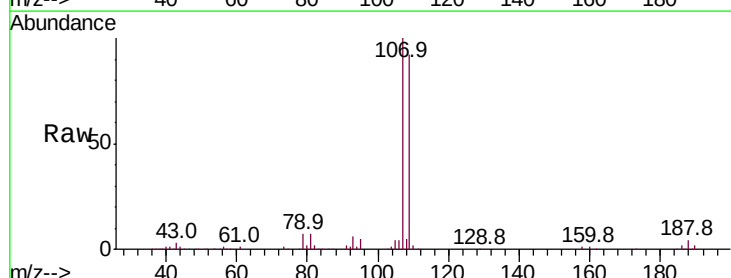
Acq: 03 May 2019 00:17

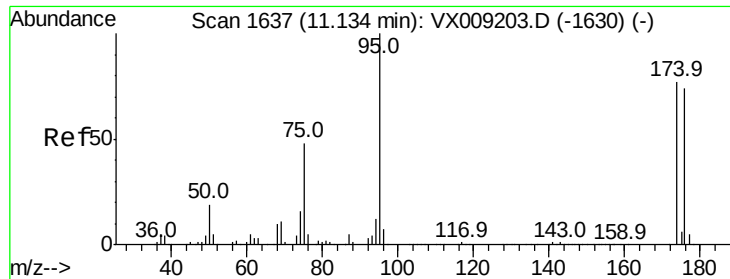
Tgt Ion:107 Resp: 102064

Ion Ratio Lower Upper

107 100

109 93.8 75.2 112.8





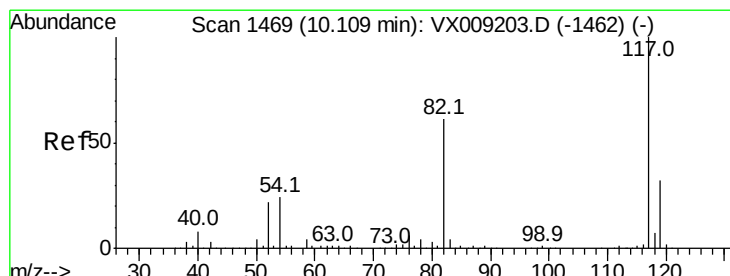
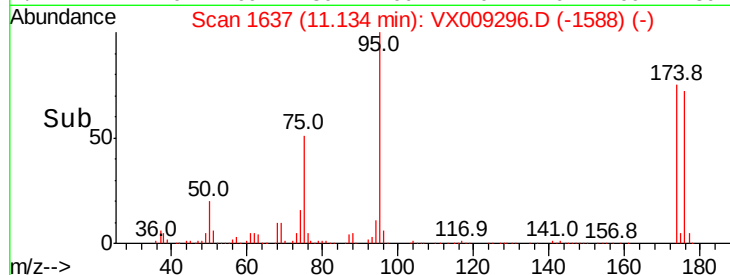
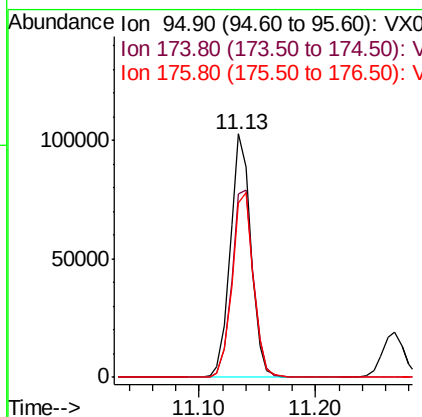
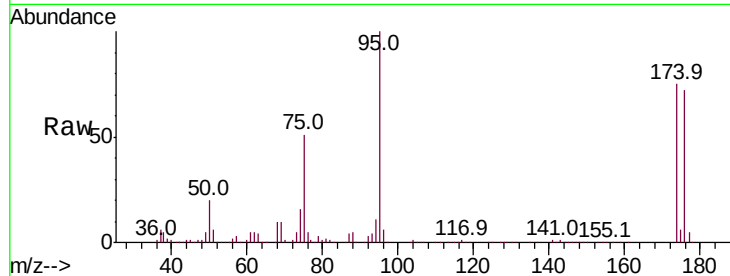
#62
4-Bromofluorobenzene
Concen: 50.083 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	126518		
174	80.7	0.0	161.6	
176	78.2	0.0	159.2	

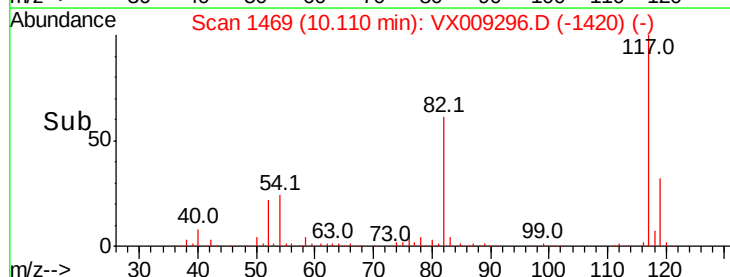
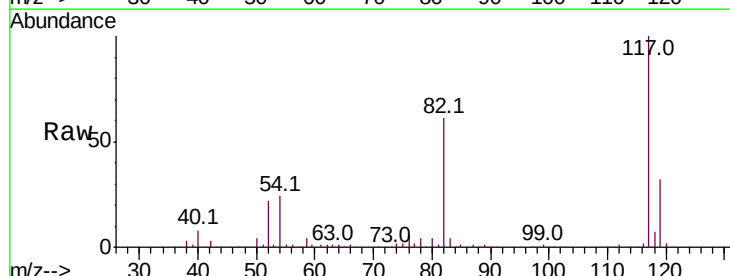
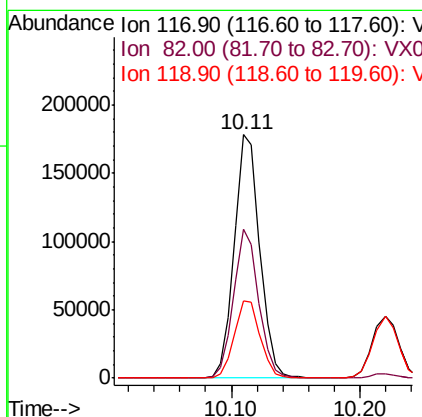
Manual Integrations
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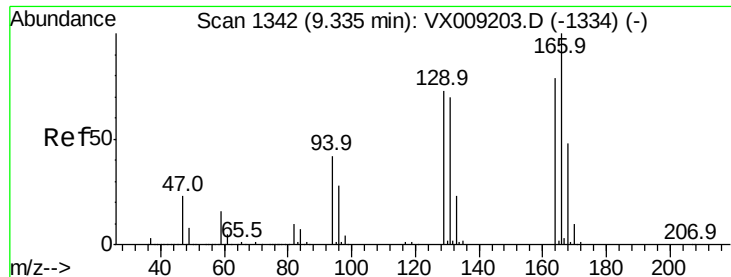
MMDadoda
5/3/2019 11:18:47 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	247111		
82	61.2	48.8	73.2	
119	31.8	25.8	38.6	





#64

Tetrachloroethene

Concen: 48.648 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

Tot Ion:164 Resp: 82462

Ion Ratio Lower Upper

164 100

166 128.6 101.2 151.8

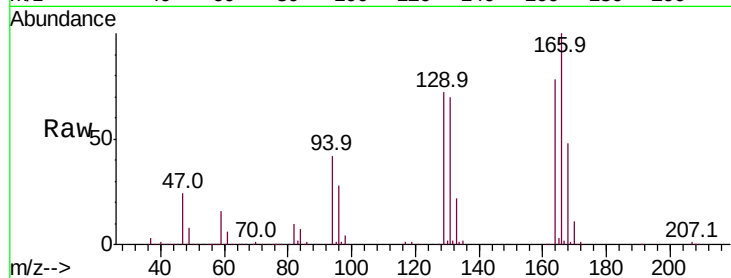
129 92.2 74.3 111.5

131 90.5 71.0 106.6

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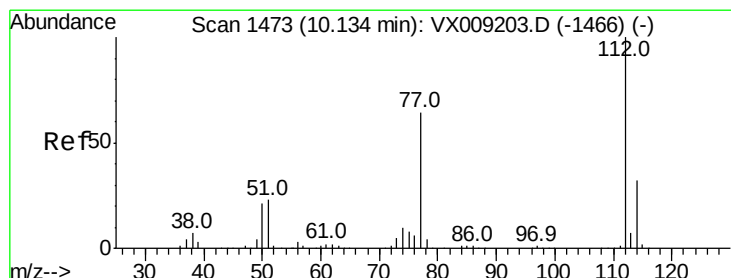
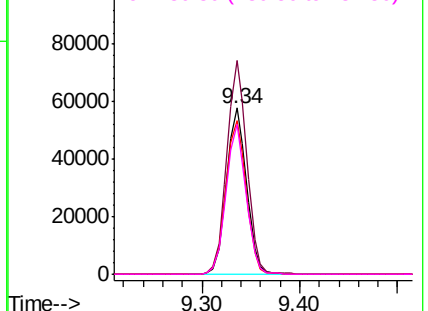
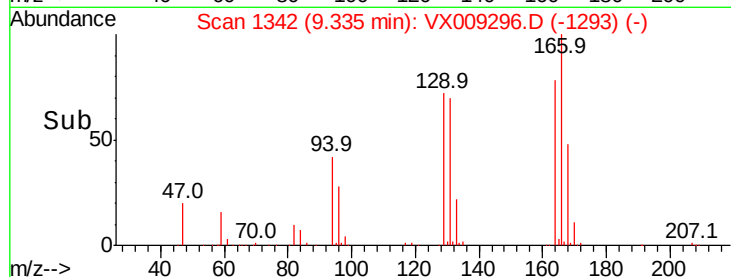
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.741 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009296.D

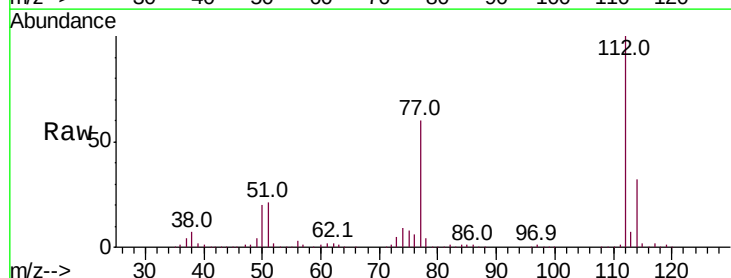
Acq: 03 May 2019 00:17

Tgt Ion:112 Resp: 250828

Ion Ratio Lower Upper

112 100

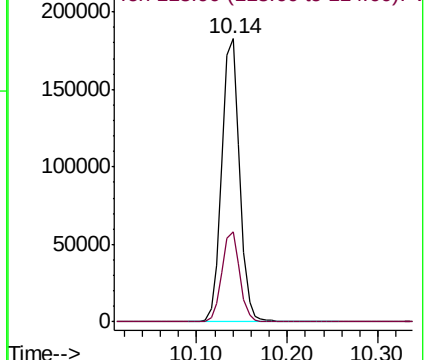
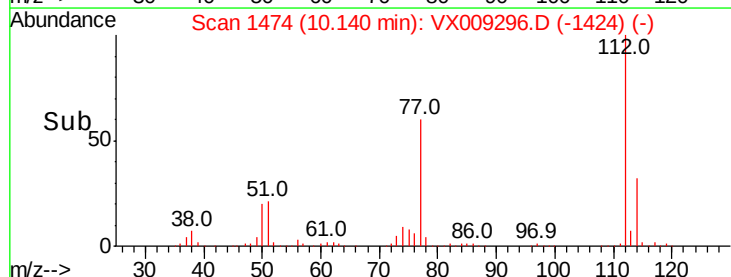
114 31.6 25.5 38.3

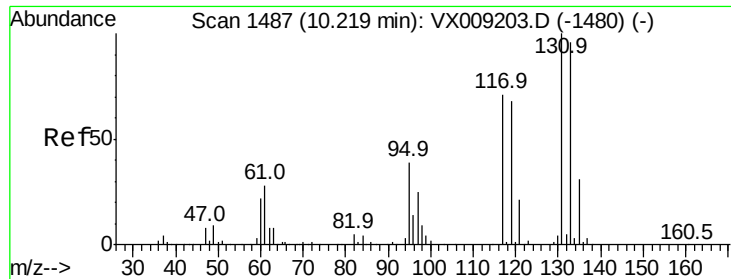


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 51.581 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

Tot Ion:131 Resp: 92442

Ion Ratio Lower Upper

131 100

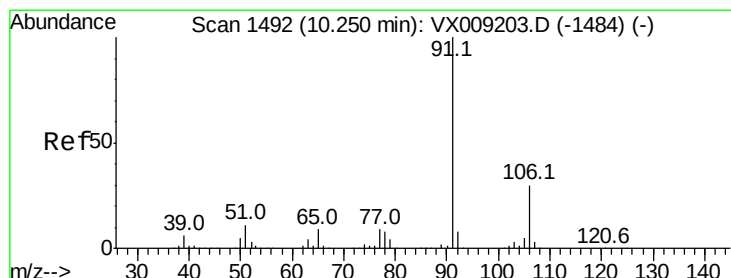
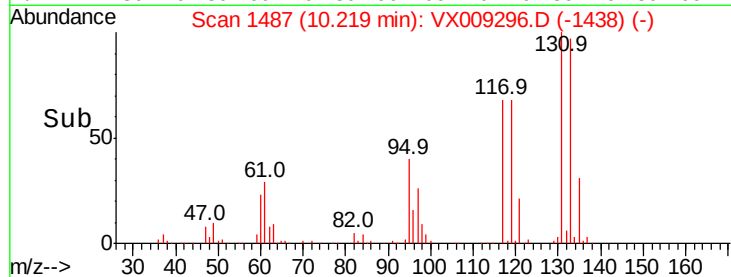
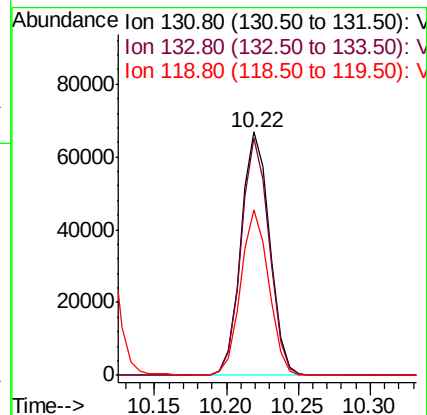
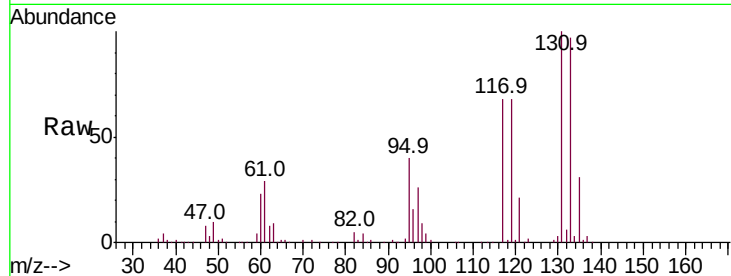
133 95.5 47.7 143.1

119 66.7 33.5 100.4

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#67

Ethyl Benzene

Concen: 50.723 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009296.D

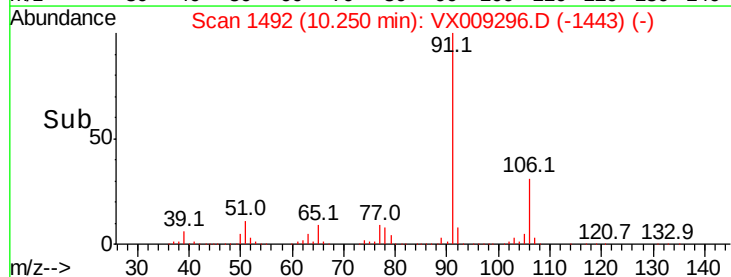
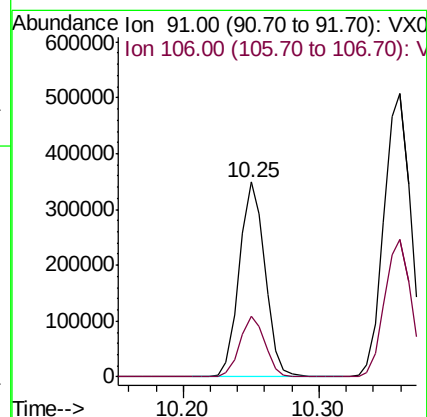
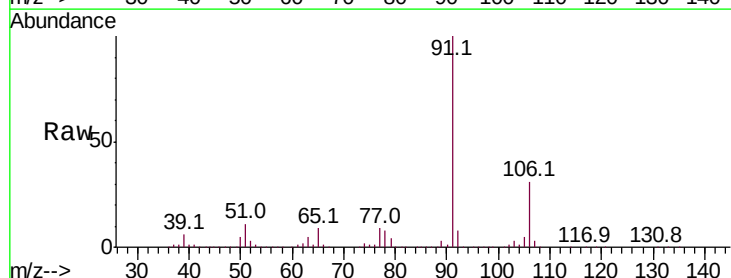
Acq: 03 May 2019 00:17

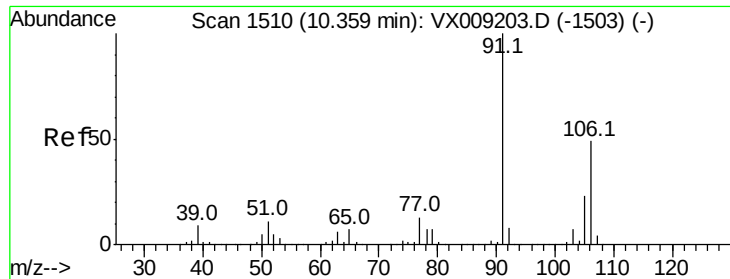
Tgt Ion: 91 Resp: 461458

Ion Ratio Lower Upper

91 100

106 30.9 24.0 36.0





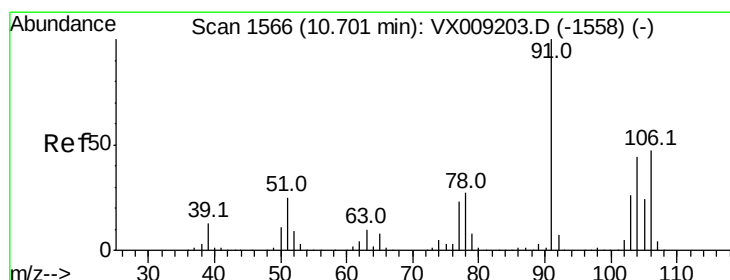
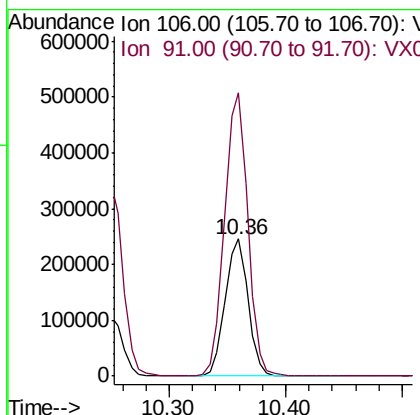
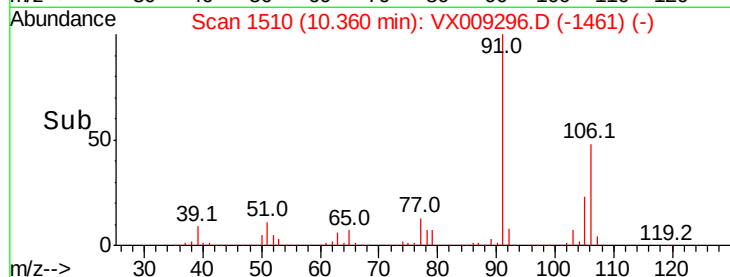
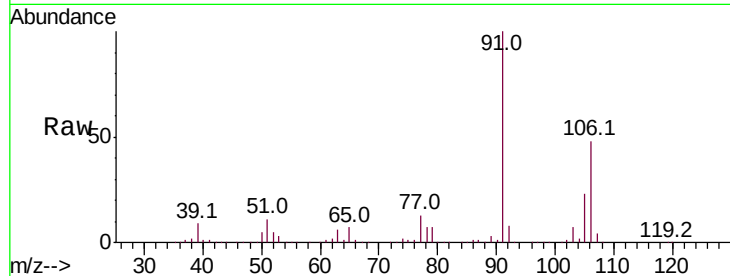
#68
m/p-Xylenes
Concen: 100.908 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

Tot Ion:106 Resp: 335474
Ion Ratio Lower Upper
106 100
91 209.4 164.0 246.0

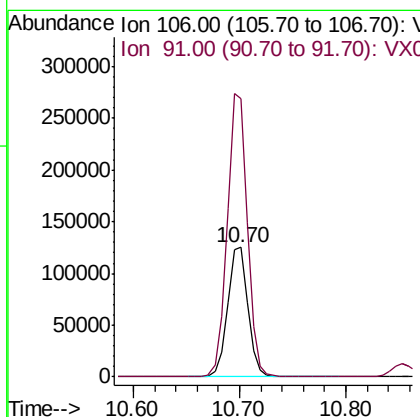
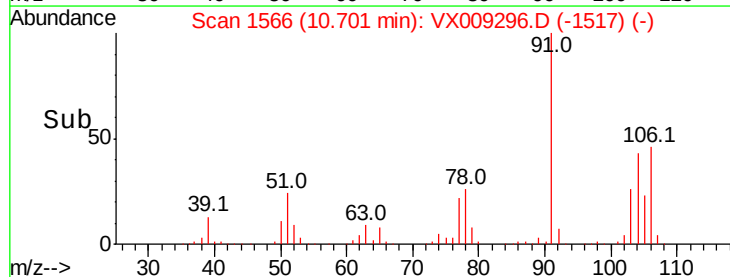
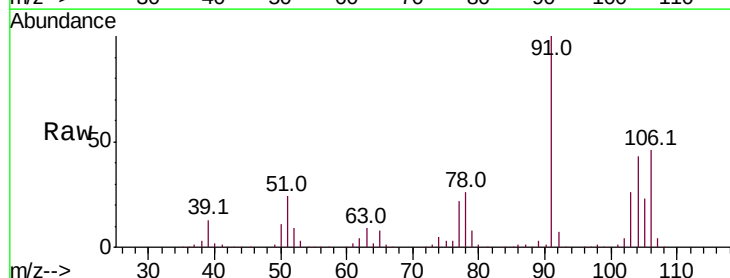
Manual Integrations
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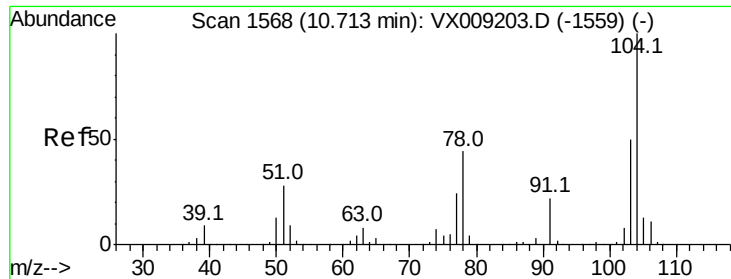
MMDadoda
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#69
o-Xylene
Concen: 51.048 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion:106 Resp: 167445
Ion Ratio Lower Upper
106 100
91 217.6 109.5 328.4





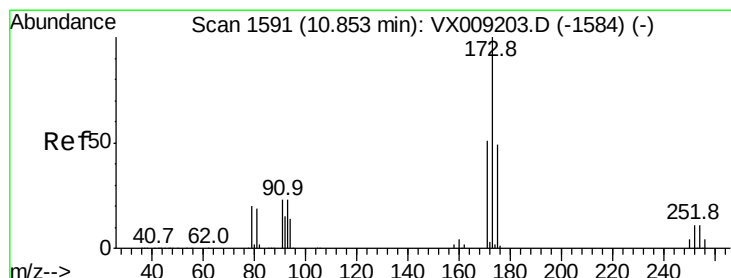
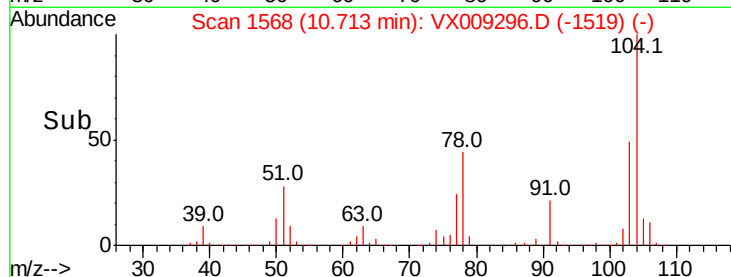
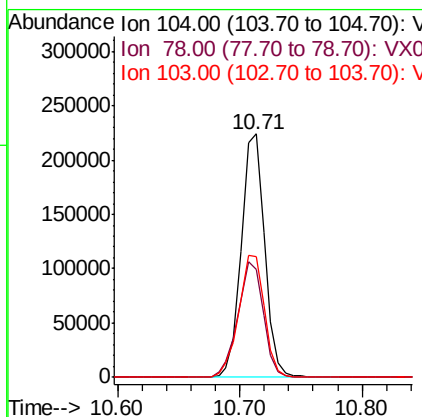
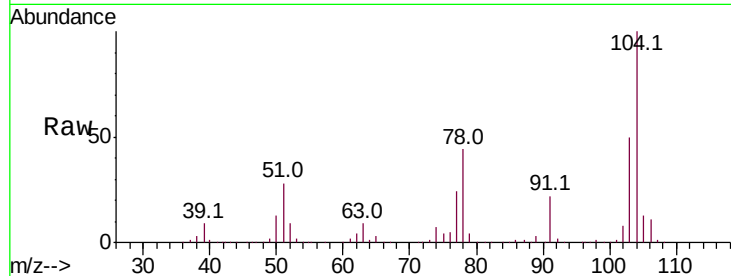
#70
Stvrene
Concen: 51.906 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	295926		
78	51.7	41.0	61.4	
103	55.1	43.8	65.6	

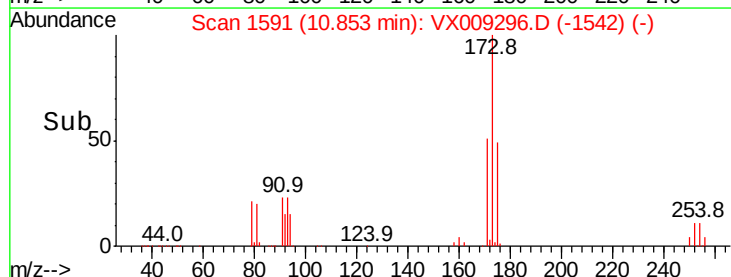
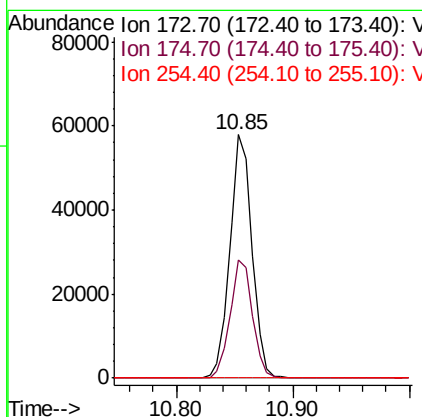
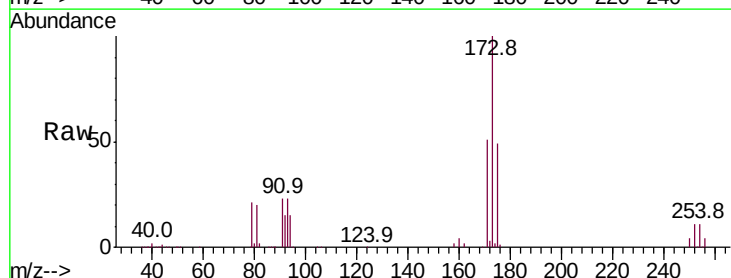
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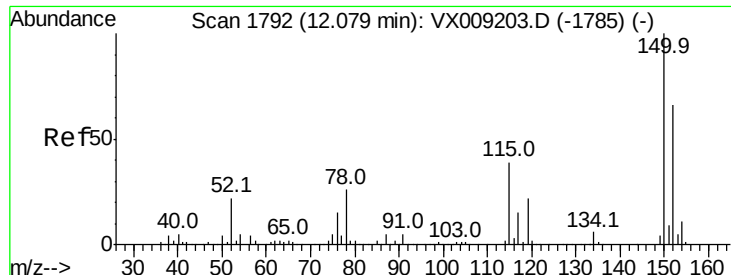
MMDadoda
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#71
Bromoform
Concen: 52.420 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	76344		
175	49.4	24.5	73.5	
254	0.2	0.1	0.1#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

Tot Ion:152 Resp: 121285

Ion Ratio Lower Upper

152 100

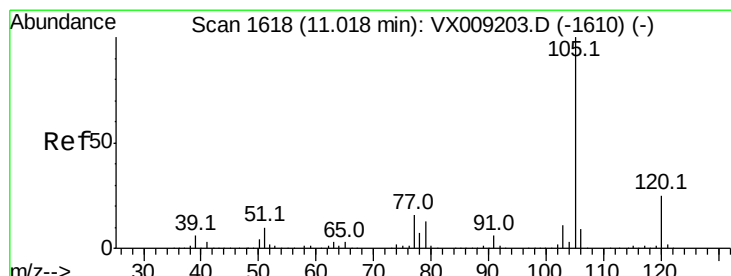
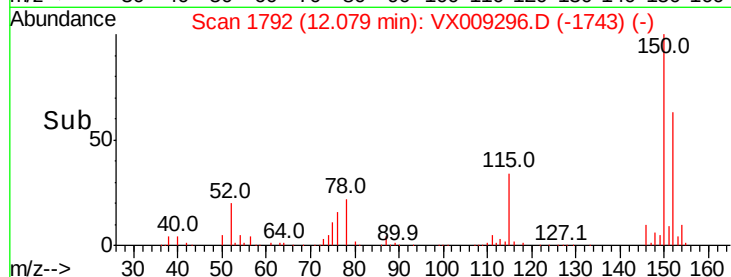
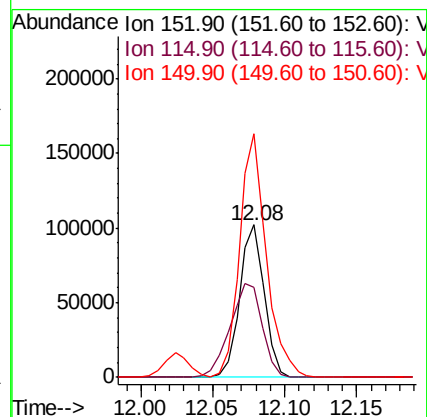
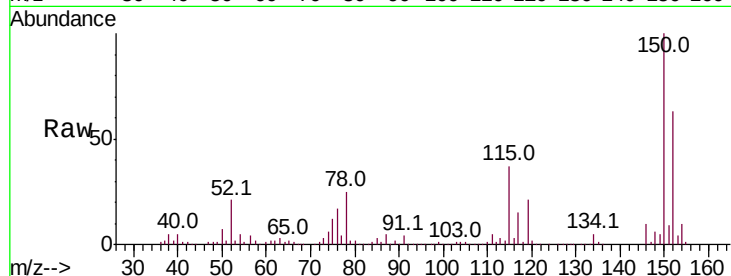
115 81.1 41.2 123.6

150 173.9 0.0 346.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 50.063 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009296.D

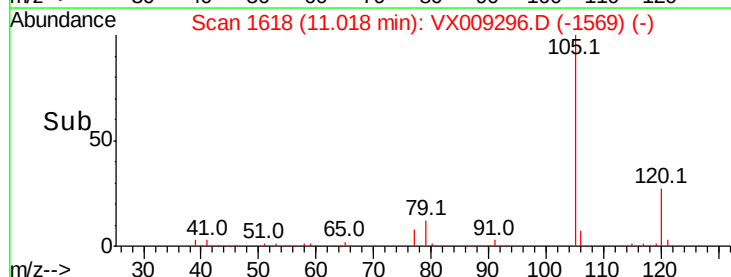
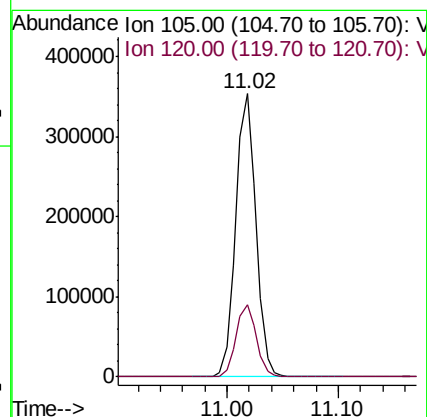
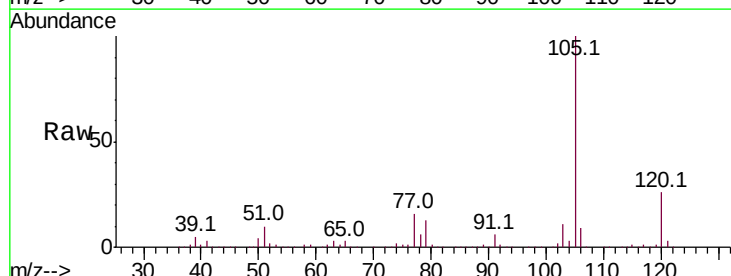
Acq: 03 May 2019 00:17

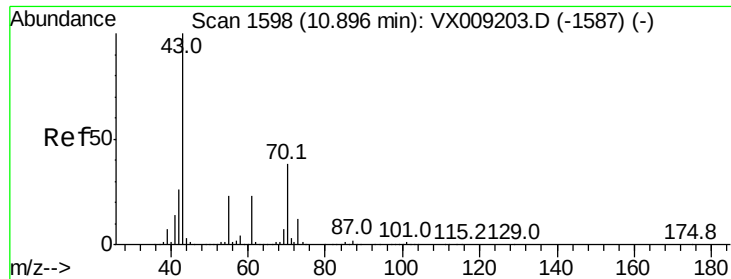
Tgt Ion:105 Resp: 441544

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3





#74

N-amvl acetate

Concen: 51.017 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

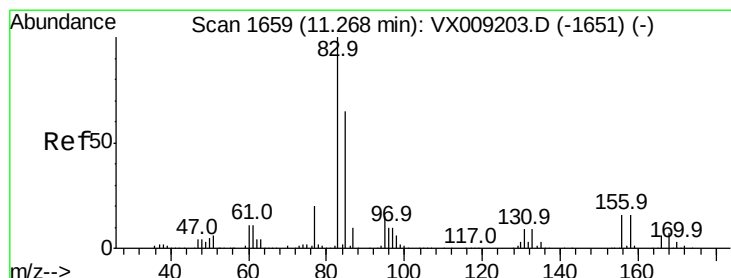
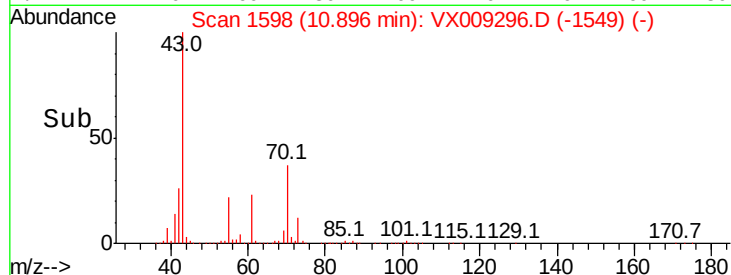
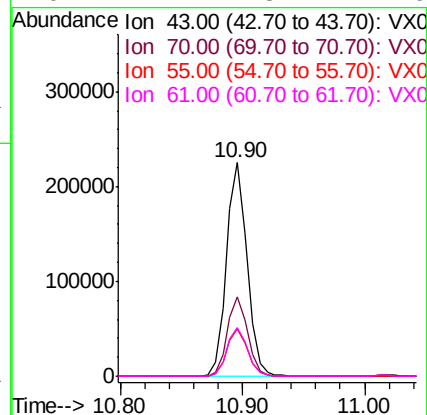
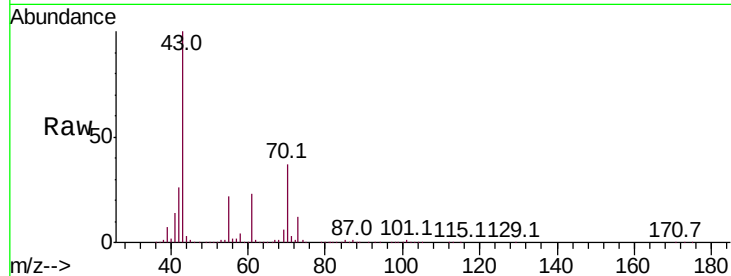
ClientSampleId :

SS050MW641-190429MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	37.3	30.0	45.0	
55	22.4	17.9	26.9	
61	22.7	18.4	27.6	

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#75

1,1,2,2-Tetrachloroethane

Concen: 52.493 ug/l

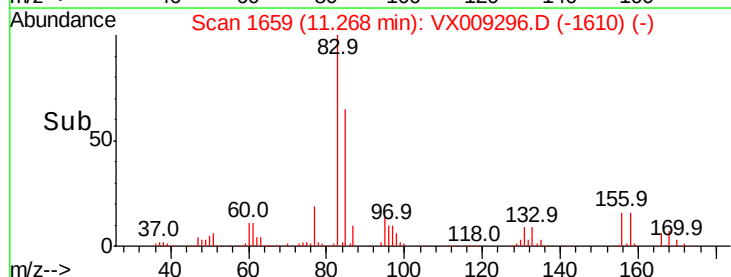
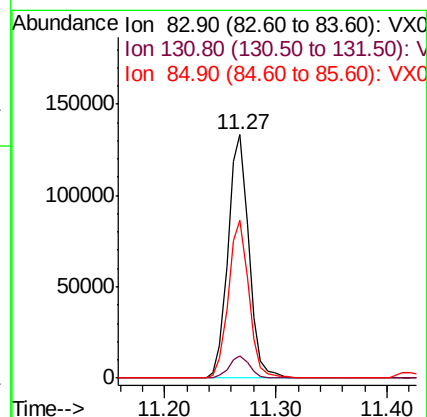
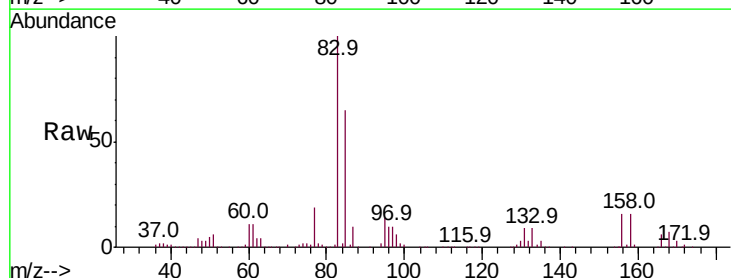
RT: 11.27 min Scan# 1659

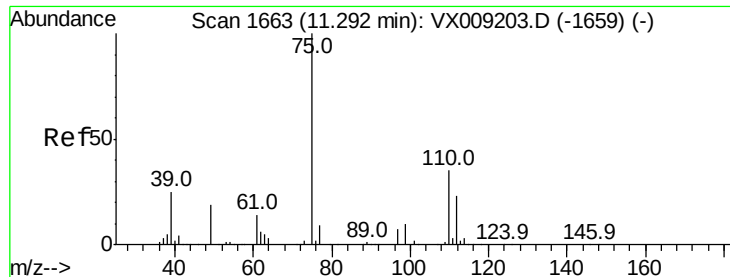
Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	9.2	4.6	13.8	
85	64.0	32.0	96.2	





#76

1,2,3-Trichloropropane

Concen: 51.708 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

Tot Ion: 75 Resp: 145475

Ion Ratio Lower Upper

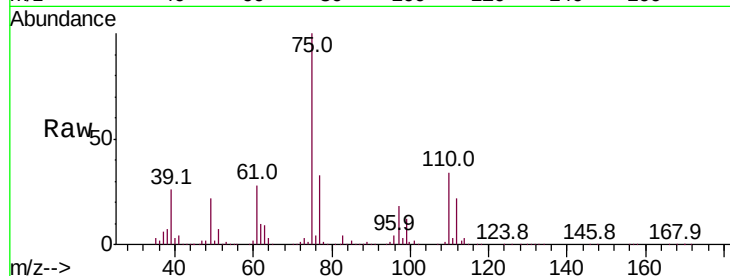
75 100

77 42.9 22.1 66.1

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

150000

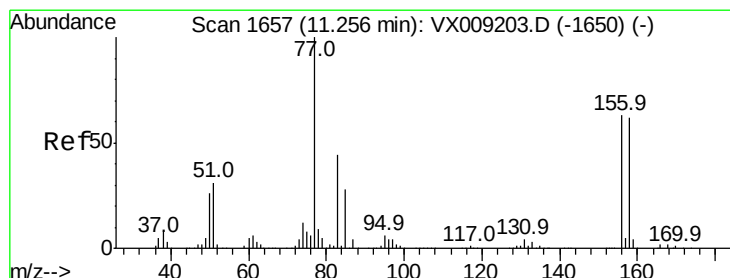
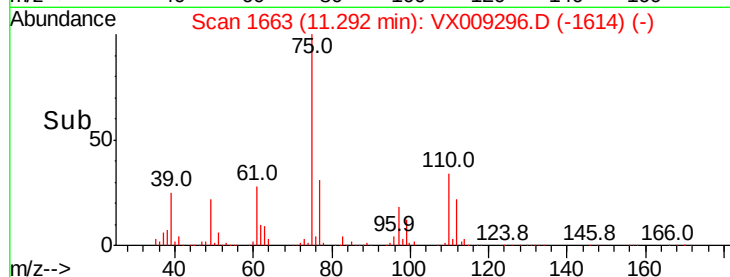
100000

50000

0

11.26 11.28 11.30

Time-->



#77

Bromobenzene

Concen: 50.275 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

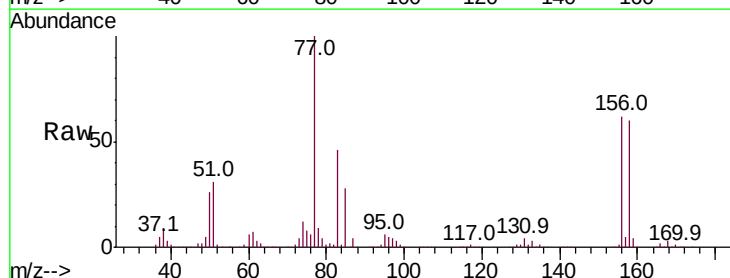
Tgt Ion: 156 Resp: 110057

Ion Ratio Lower Upper

156 100

77 171.2 84.8 254.3

158 97.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

200000

150000

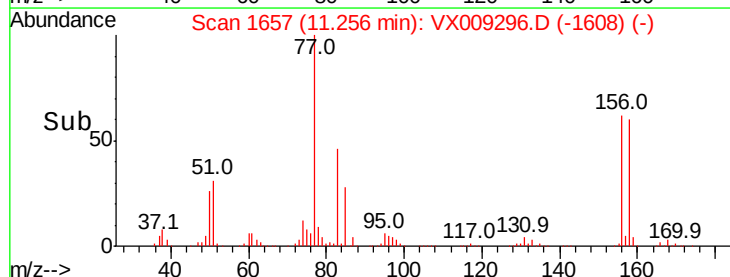
100000

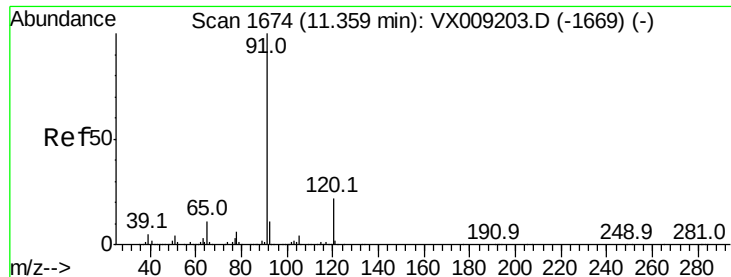
50000

0

11.20 11.26 11.30

Time-->





#78

n-propylbenzene

Concen: 50.479 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

Tot Ion: 91 Resp: 508452

Ion Ratio Lower Upper

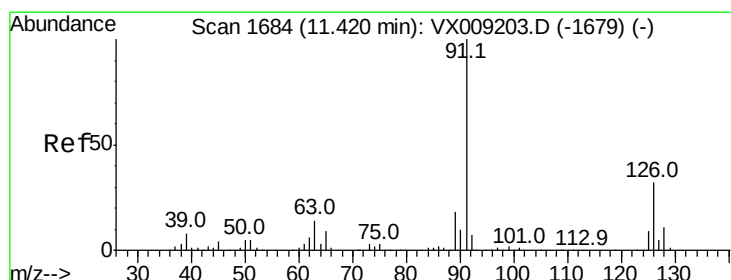
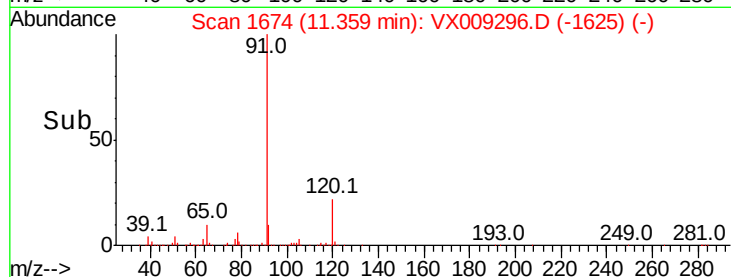
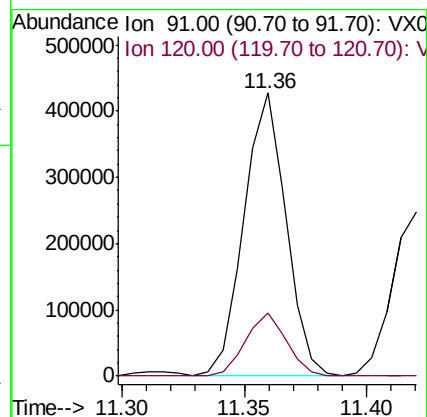
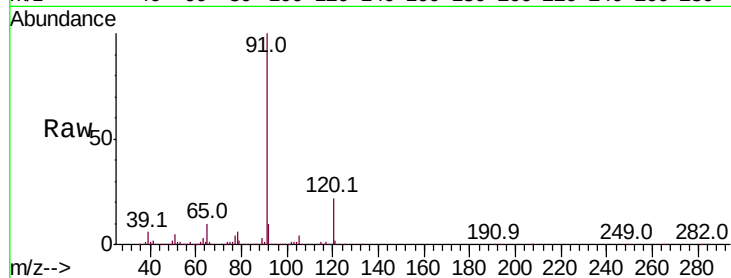
91 100

120 22.0 11.0 33.0

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#79

2-Chlorotoluene

Concen: 49.372 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009296.D

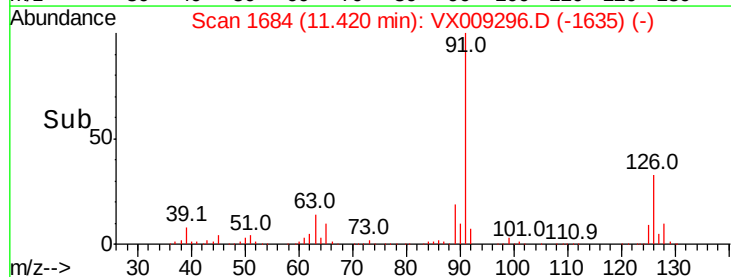
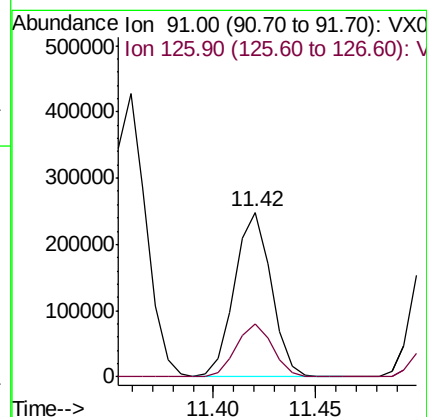
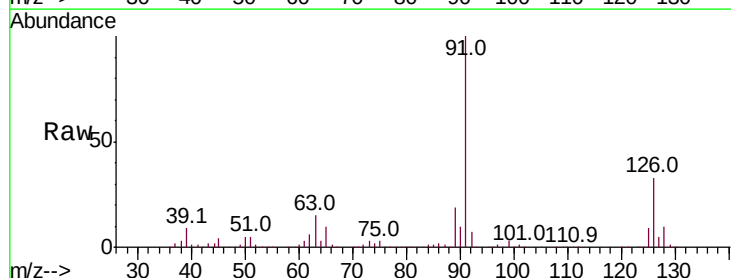
Acq: 03 May 2019 00:17

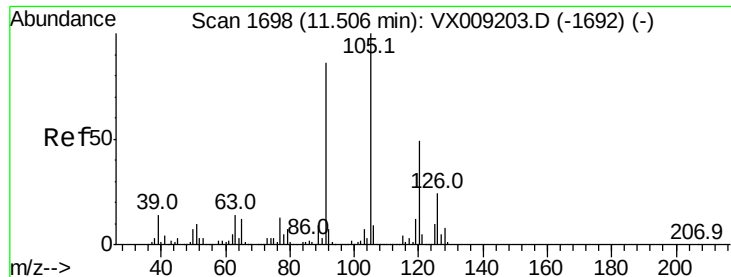
Tgt Ion: 91 Resp: 306809

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.9





#80

1,3,5-Trimethylbenzene

Concen: 50.263 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

Tot Ion:105 Resp: 373263

Ion Ratio Lower Upper

105 100

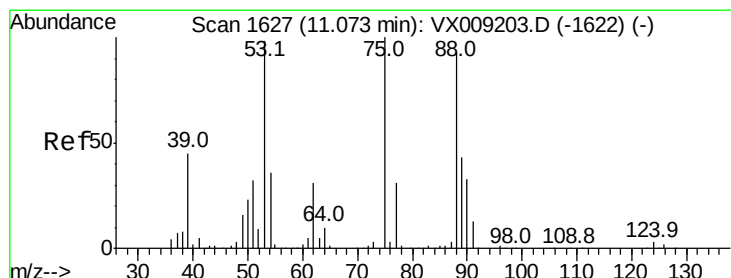
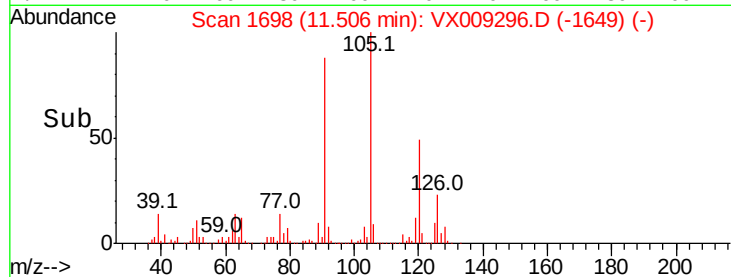
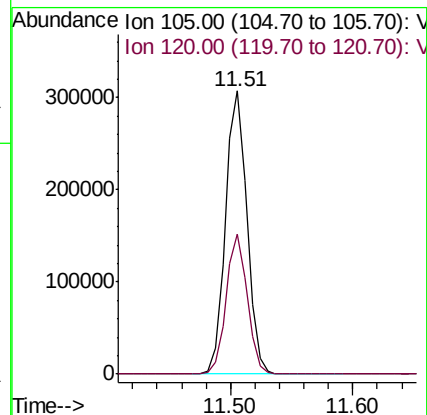
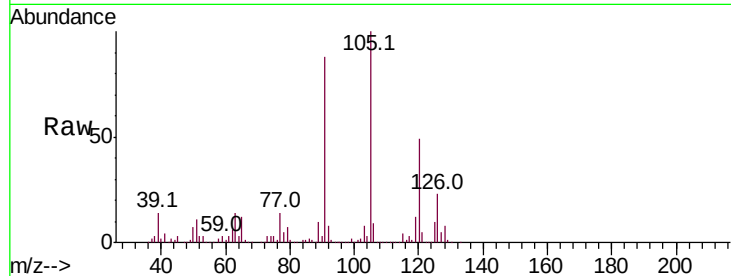
120 48.6 24.3 72.9

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#81

trans-1,4-Dichloro-2-butene

Concen: 45.840 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

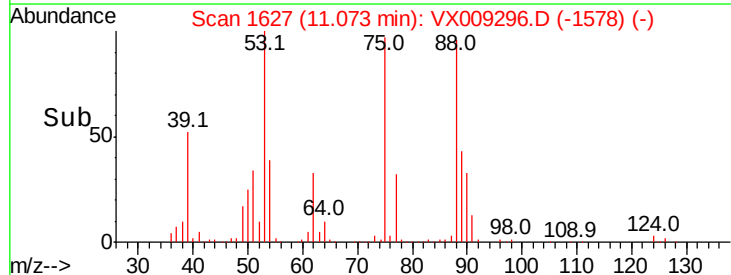
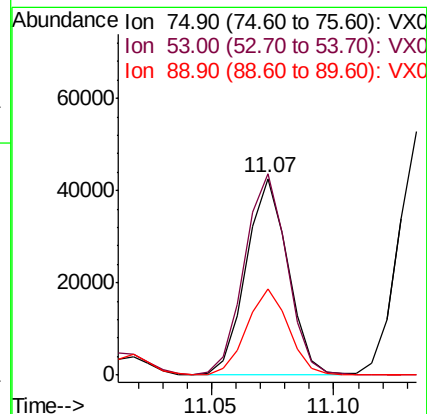
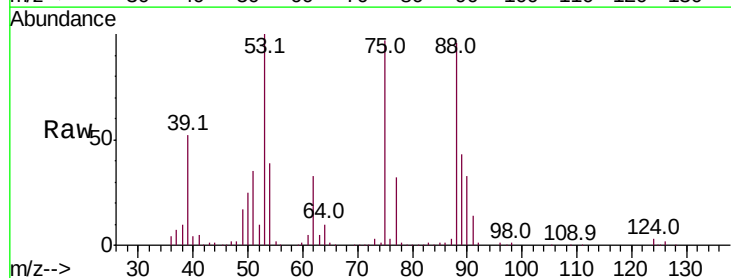
Tgt Ion: 75 Resp: 50404

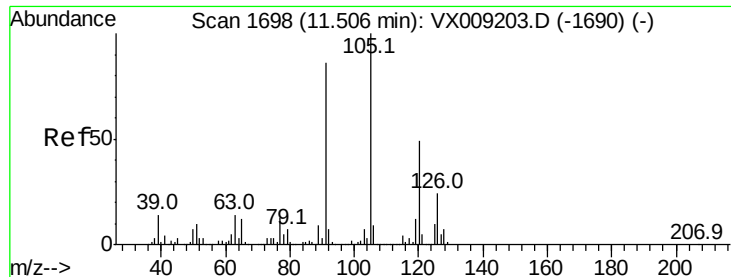
Ion Ratio Lower Upper

75 100

53 105.0 79.0 118.6

89 44.6 34.7 52.1





#82

4-Chlorotoluene

Concen: 50.159 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

Tot Ion: 91 Resp: 352134

Ion Ratio Lower Upper

91 100

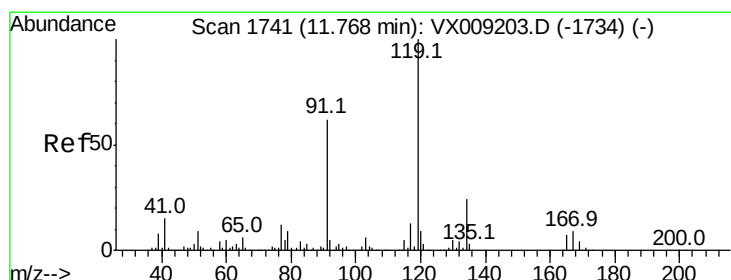
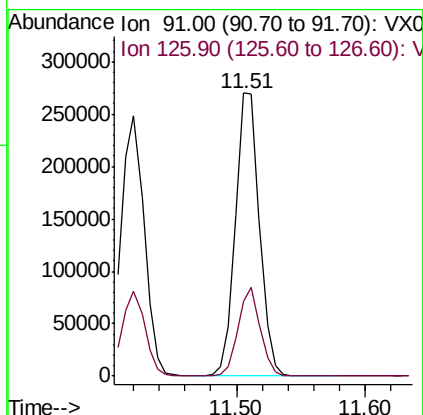
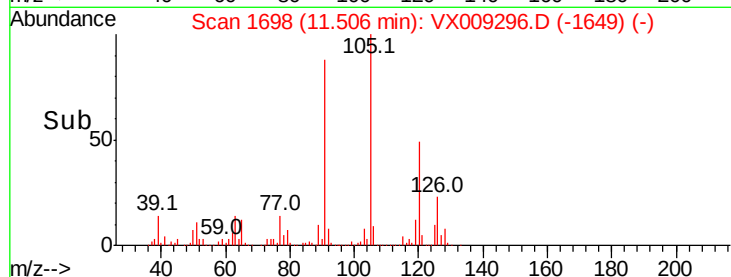
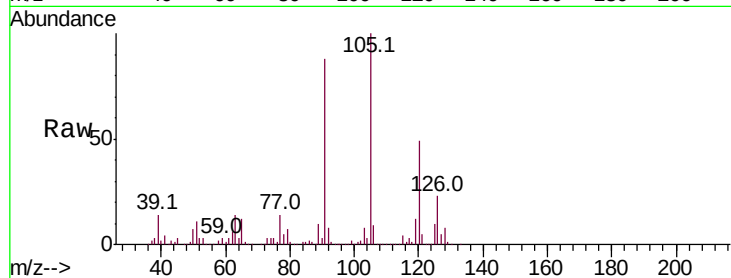
126 29.0 14.5 43.6

Manual Integrations

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#83

tert-Butylbenzene

Concen: 50.394 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

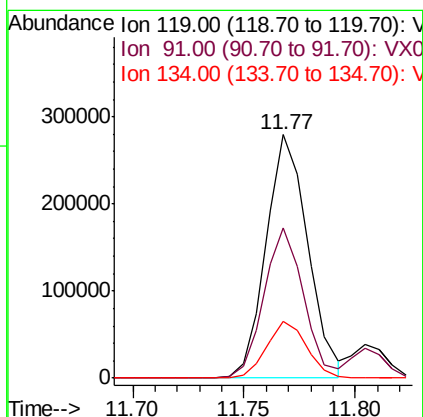
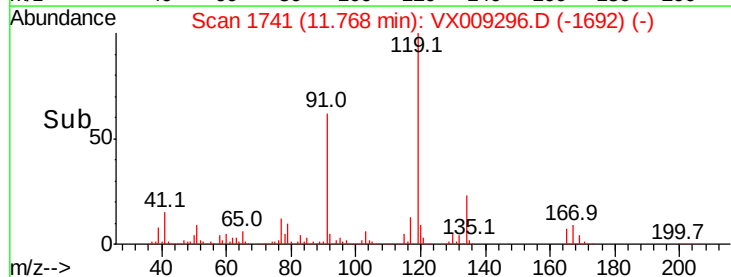
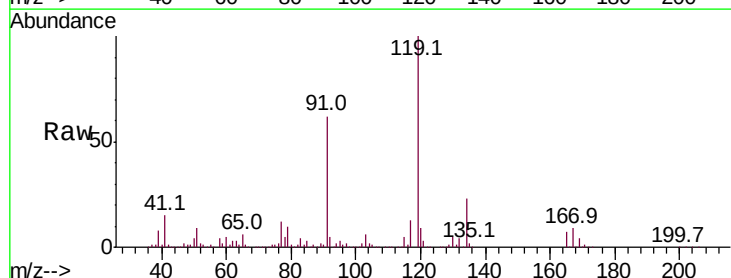
Tgt Ion: 119 Resp: 364057

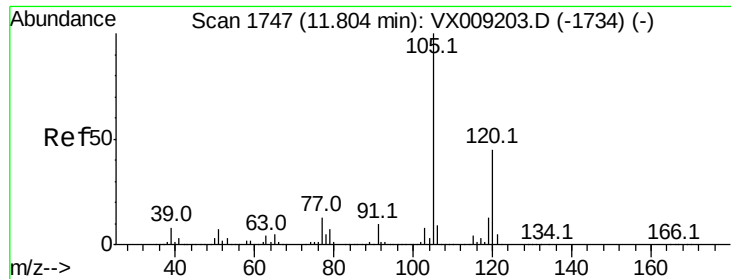
Ion Ratio Lower Upper

119 100

91 58.6 29.5 88.5

134 22.5 11.4 34.1





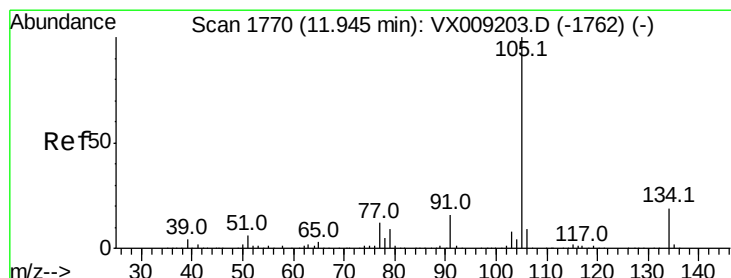
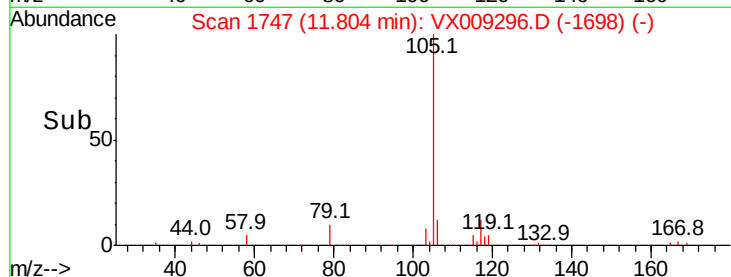
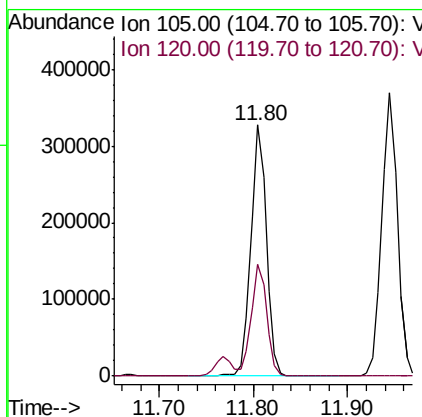
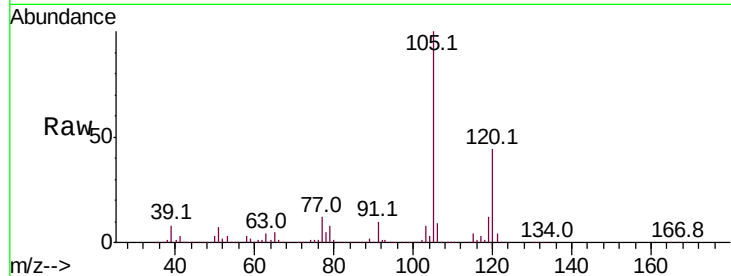
#84
 1,2,4-Trimethylbenzene
 Concen: 50.917 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.0	66.0

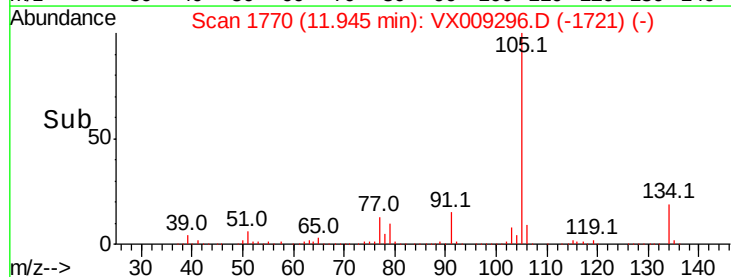
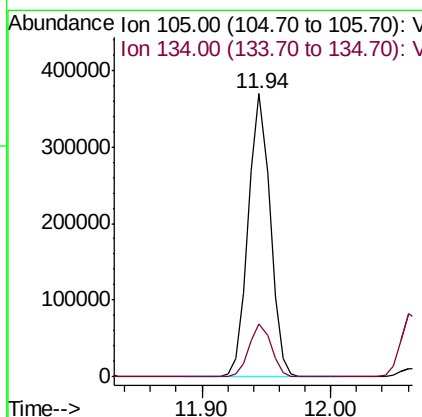
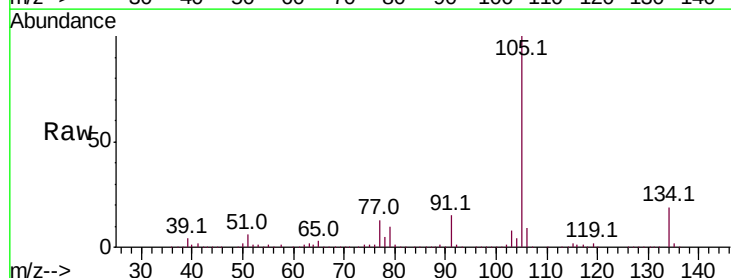
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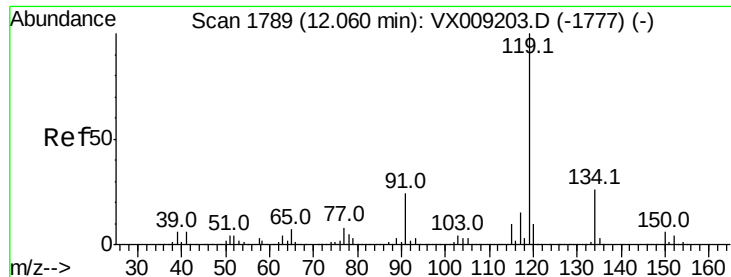
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#85
 sec-Butylbenzene
 Concen: 50.131 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.7	28.9





#86

p-Isopropyltoluene

Concen: 50.465 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

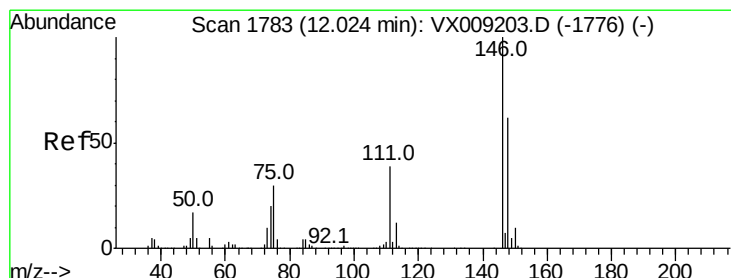
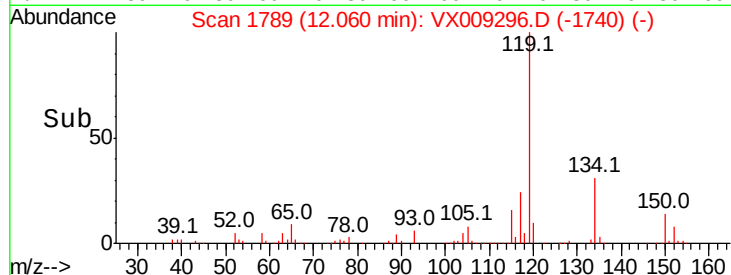
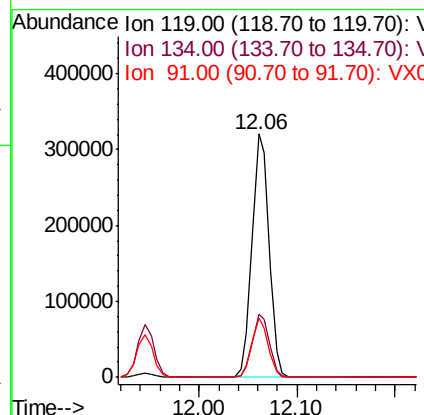
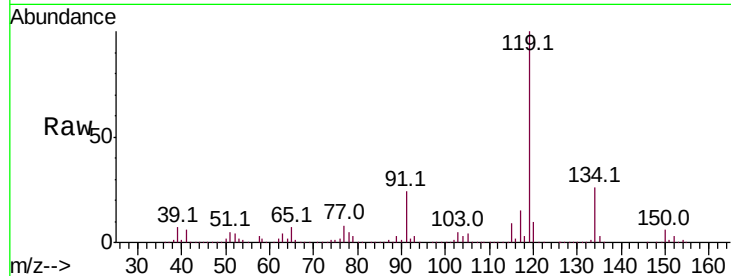
ClientSampleId :

SS050MW641-190429MS

Tot Ion:	119	Resp:	388564
Ion Ratio	Lower	Upper	
119	100		
134	25.9	12.9	38.7
91	23.4	11.8	35.4

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#87

1,3-Dichlorobenzene

Concen: 49.940 ug/l

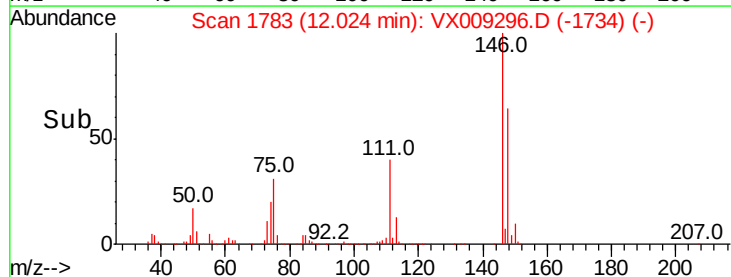
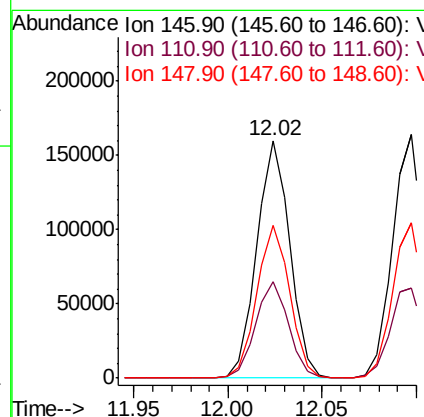
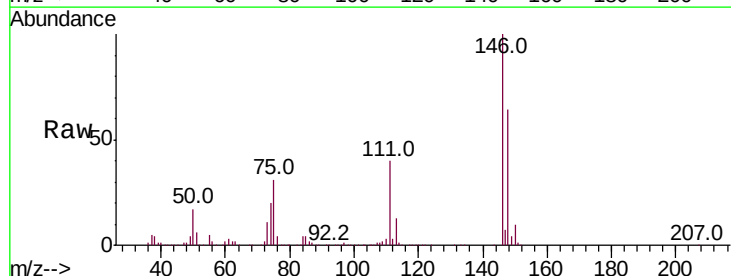
RT: 12.02 min Scan# 1783

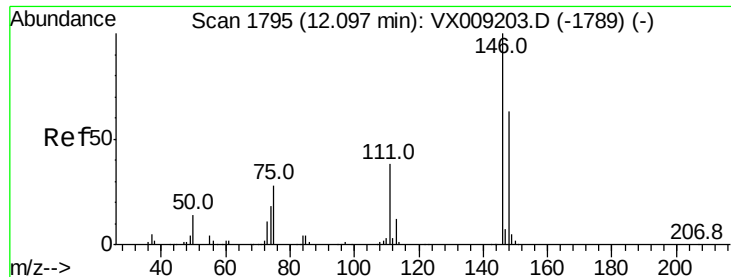
Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Tgt Ion:	146	Resp:	194888
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.0	59.9
148	63.8	31.8	95.3





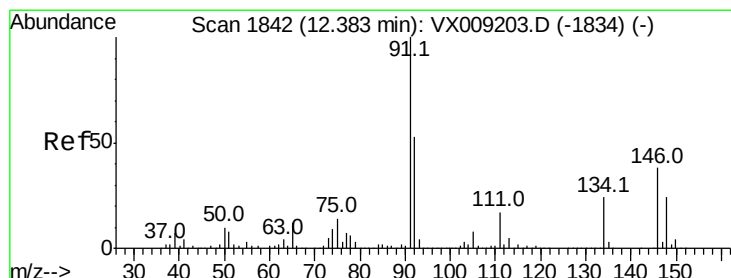
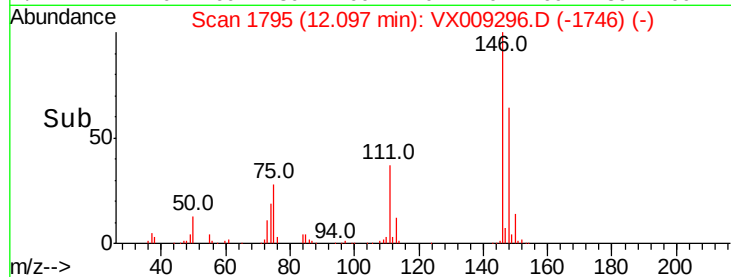
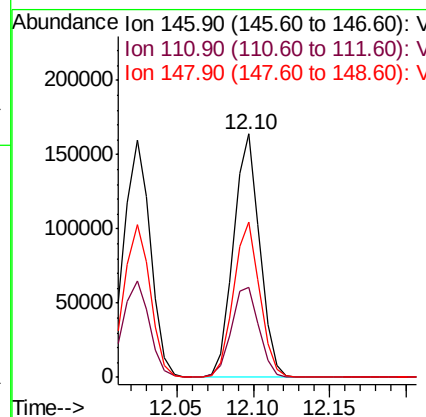
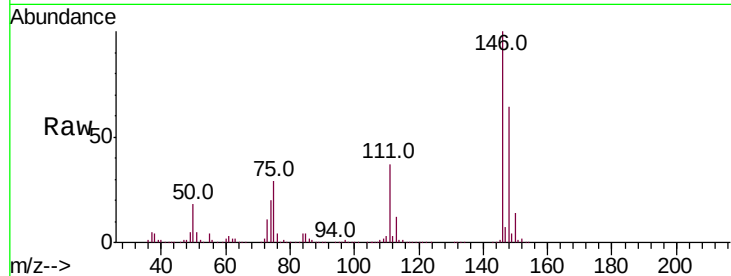
#88
 1,4-Dichlorobenzene
 Concen: 49.421 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	63.8	31.8	95.3

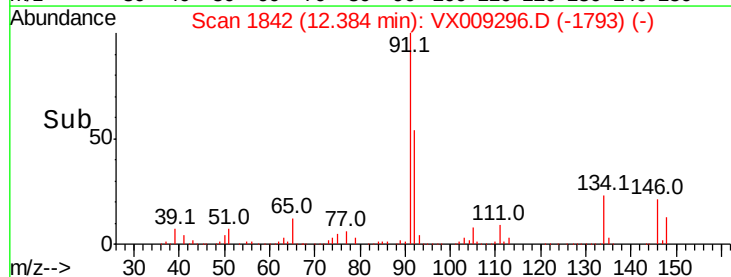
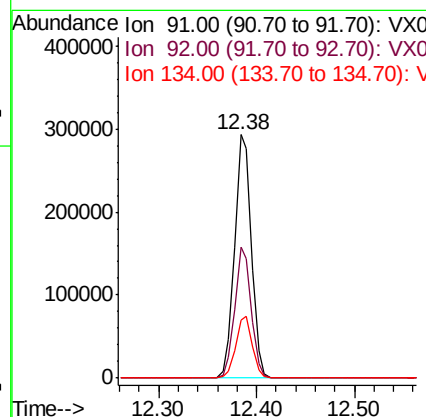
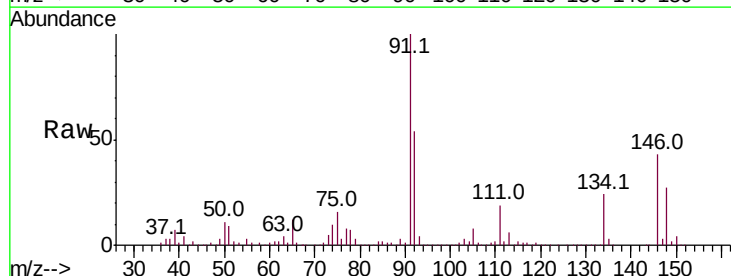
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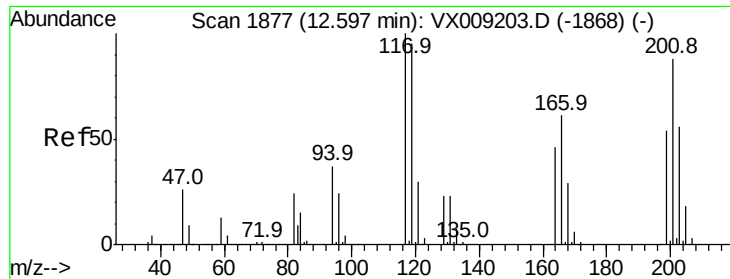
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#89
 n-Butylbenzene
 Concen: 50.118 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.5	79.5
134	24.8	12.4	37.2





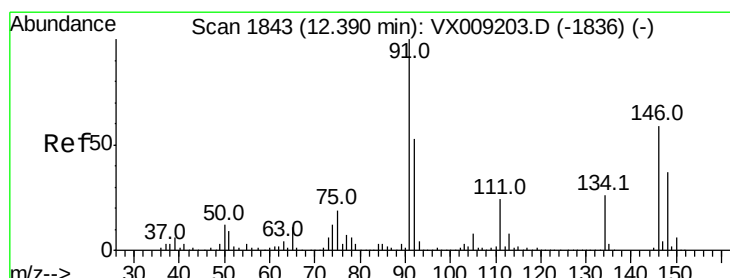
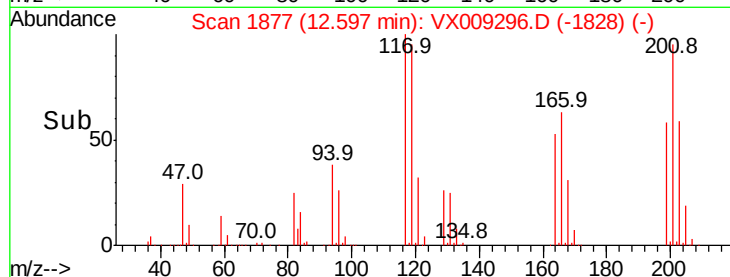
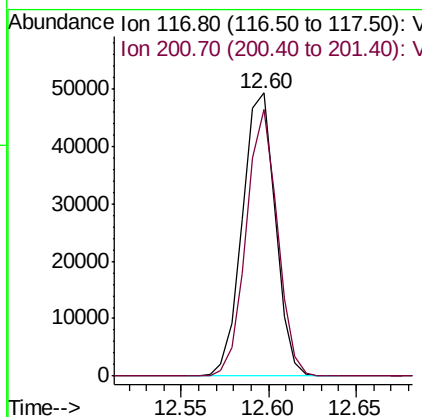
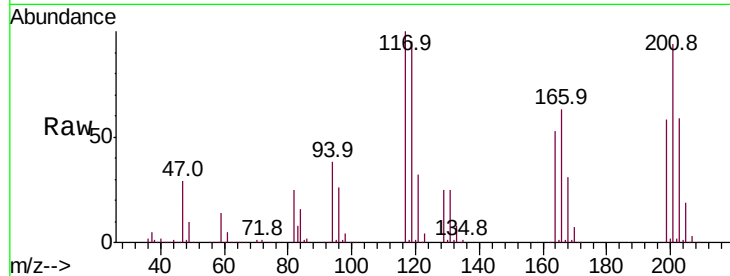
#90
Hexachloroethane
Concen: 49.623 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

Tot Ion:117 Resp: 65094
Ion Ratio Lower Upper
117 100
201 88.7 42.3 126.9

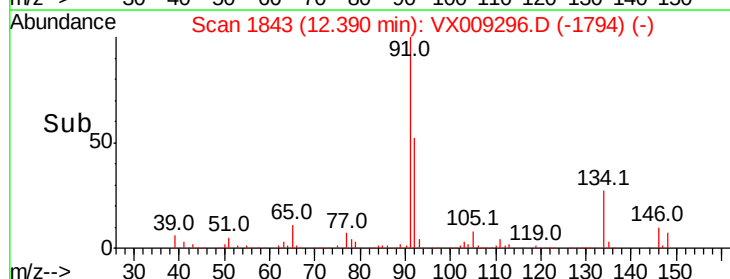
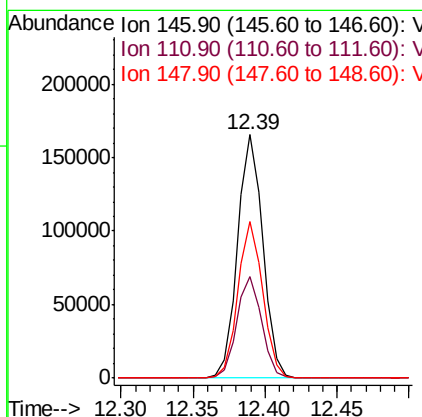
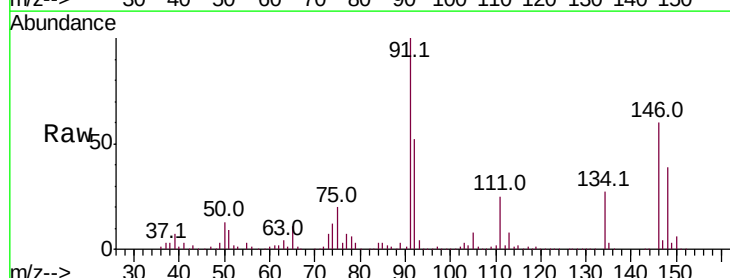
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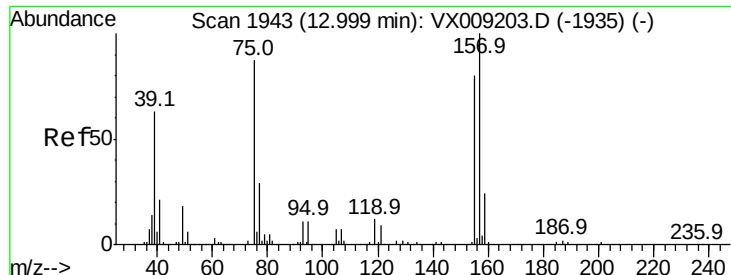
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#91
1,2-Dichlorobenzene
Concen: 50.882 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion:146 Resp: 202248
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.4
148 63.2 31.9 95.9





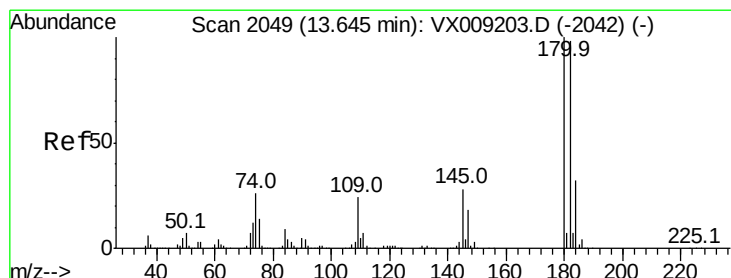
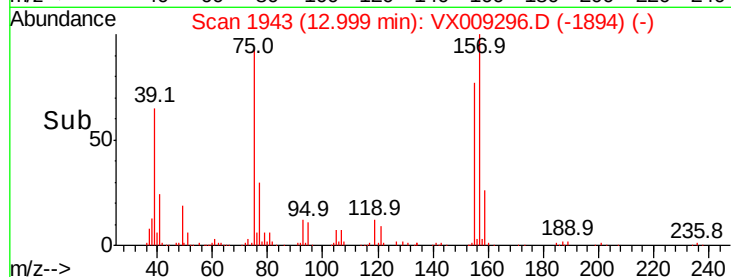
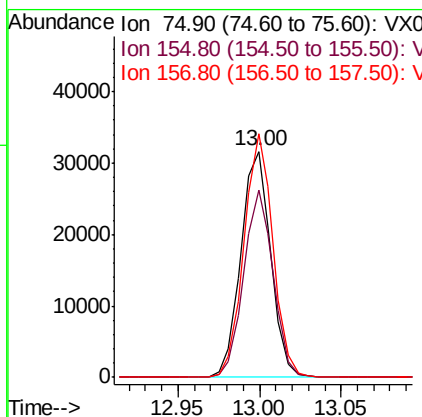
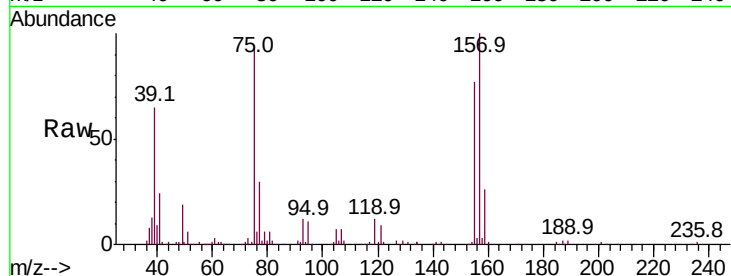
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.645 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

Tot Ion: 75 Resp: 40304
 Ion Ratio Lower Upper
 75 100
 155 81.6 42.0 126.0
 157 104.9 53.2 159.6

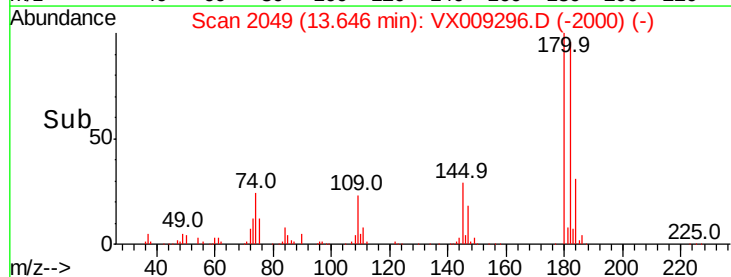
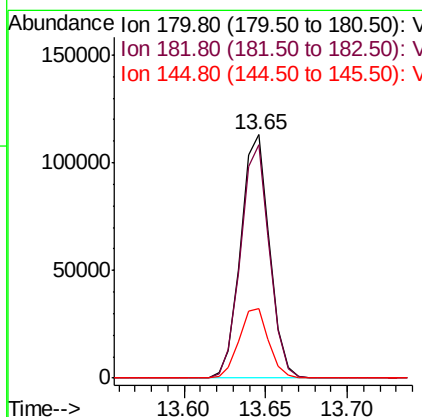
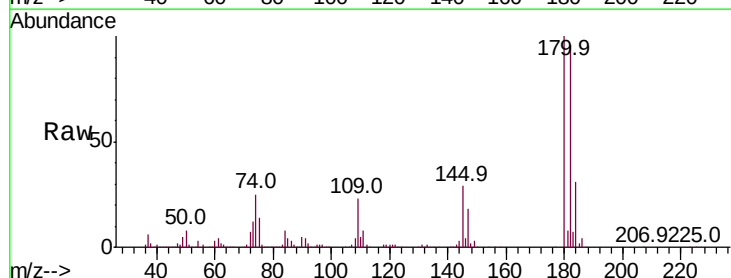
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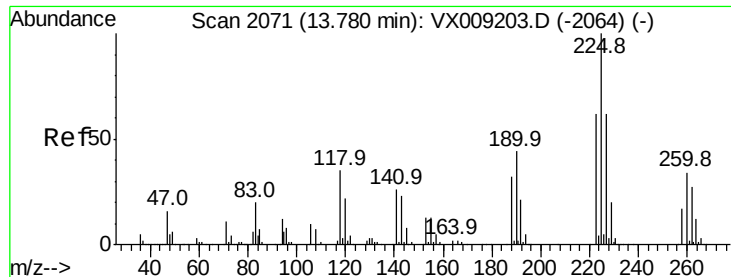
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#93
 1,2,4-Trichlorobenzene
 Concen: 51.210 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion: 180 Resp: 139195
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.4 145.2
 145 29.2 14.6 43.8





#94

Hexachlorobutadiene

Concen: 48.653 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

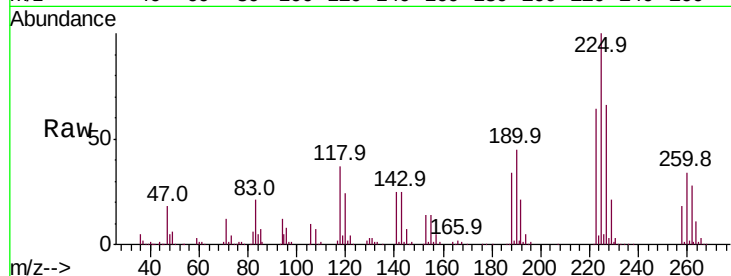
ClientSampleId :

SS050MW641-190429MS

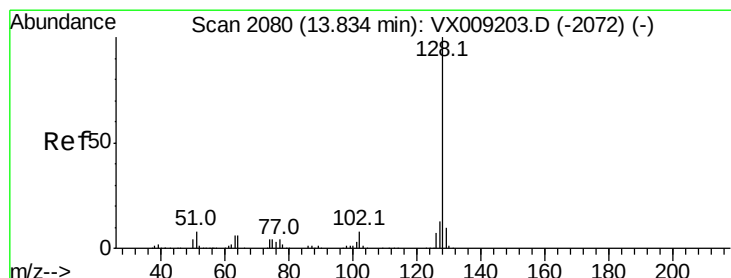
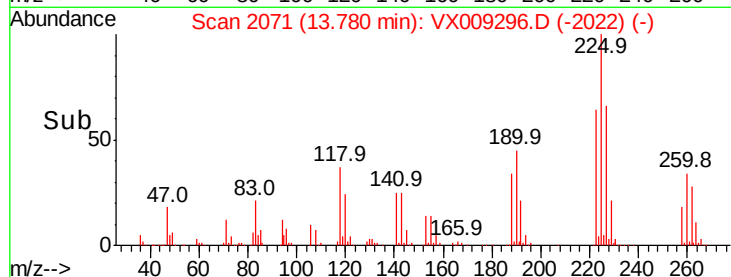
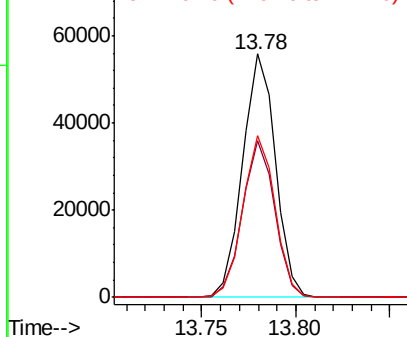
Tot Ion:	225	Resp:	67532
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.3	93.8
227	65.0	31.8	95.3

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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: 53.617 ug/l

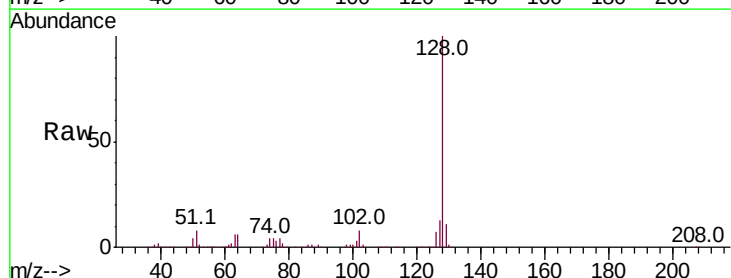
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

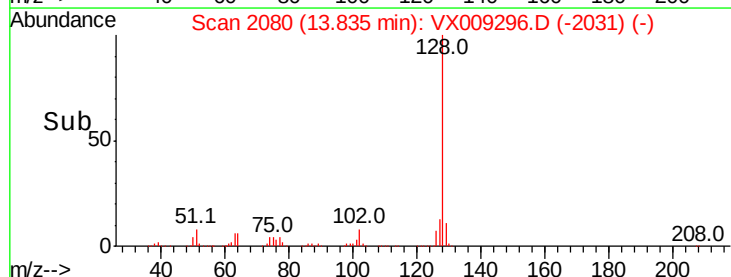
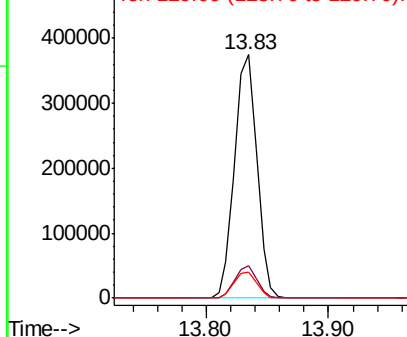
Lab File: VX009296.D

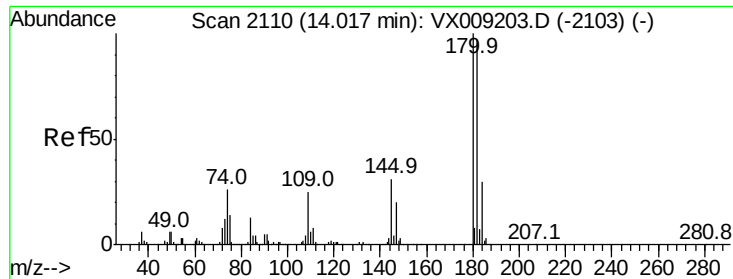
Acq: 03 May 2019 00:17

Tgt Ion:	128	Resp:	474145
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 51.885 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.3	47.8	143.4
145	30.9	15.4	46.4

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 11:18:47 AM

