

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012979.D
 Acq On : 10 Oct 2019 06:29
 Operator : JC/SP
 Sample : K5260-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MSD

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:04:54 AM

Quant Time: Oct 10 07:59:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280639	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105441	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	5.48	113	83635	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
50) Toluene-d8	8.71	98	316337	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	11.14	95	120964	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	81006	50.039	ug/l	99
3) Chloromethane	1.32	50	93404	53.016	ug/l	98
4) Vinyl Chloride	1.40	62	94825	52.146	ug/l	99
5) Bromomethane	1.63	94	38183	50.512	ug/l	100
6) Chloroethane	1.71	64	60667	54.583	ug/l	100
7) Trichlorofluoromethane	1.92	101	133035	54.203	ug/l	98
8) Diethyl Ether	2.18	74	54260	54.770	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78102	49.168	ug/l	99
10) Methyl Iodide	2.50	142	96395	53.203	ug/l	99
11) Tert butyl alcohol	3.03	59	139543	265.186	ug/l	99
12) 1,1-Dichloroethene	2.36	96	85750	53.429	ug/l	95
13) Acrolein	2.28	56	83330	222.835	ug/l	99
14) Allyl chloride	2.72	41	150110	52.520	ug/l	98
15) Acrylonitrile	3.13	53	281319	282.108	ug/l	99
16) Acetone	2.44	43	252907	241.716	ug/l	99
17) Carbon Disulfide	2.56	76	230517	50.372	ug/l	100
18) Methyl Acetate	2.76	43	121628	49.043	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	311053	56.123	ug/l	99
20) Methylene Chloride	2.84	84	98416	51.181	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	92463	53.752	ug/l	99
22) Diisopropyl ether	3.84	45	303028	55.330	ug/l	94
23) Vinyl Acetate	3.80	43	1209250	255.768	ug/l	98
24) 1,1-Dichloroethane	3.69	63	168368	54.646	ug/l	99
25) 2-Butanone	4.66	43	387621	267.031	ug/l	99
26) 2,2-Dichloropropane	4.58	77	93976	36.271	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	107749	54.341	ug/l	97
28) Bromochloromethane	5.00	49	51638	56.135	ug/l	99
29) Tetrahydrofuran	5.12	42	251684	281.758	ug/l	99
30) Chloroform	5.20	83	171969	54.396	ug/l	99
31) Cyclohexane	5.57	56	147243	51.108	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	149990	55.993	ug/l	99
36) 1,1-Dichloropropene	5.79	75	127145	51.530	ug/l	99
37) Ethyl Acetate	4.82	43	137350	49.782	ug/l	100
38) Carbon Tetrachloride	5.78	117	127219	52.972	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	141982	47.449	ug/l	98
40) Benzene	6.14	78	387865	53.223	ug/l	98
41) Methacrylonitrile	5.03	41	80635	53.188	ug/l	99
42) 1,2-Dichloroethane	6.19	62	138200	52.850	ug/l	99
43) Isopropyl Acetate	6.43	43	224919	50.791	ug/l	100
44) Trichloroethene	7.20	130	102442	50.693	ug/l	95
45) 1,2-Dichloropropane	7.51	63	98868	53.231	ug/l	99
46) Dibromomethane	7.65	93	67427	54.488	ug/l	99
47) Bromodichloromethane	7.89	83	133226	55.168	ug/l	97
48) Methyl methacrylate	7.76	41	114749	53.175	ug/l	99
49) 1,4-Dioxane	7.73	88	59560	1027.488	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	747881	270.878	ug/l	100
52) Toluene	8.78	92	244885	52.526	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	137835	45.920	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	150085	50.531	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	99561	53.961	ug/l	97
56) Ethyl methacrylate	9.17	69	160500	48.631	ug/l	100
57) 1,3-Dichloropropane	9.37	76	169341	53.059	ug/l	100
59) 2-Hexanone	9.48	43	582317	270.943	ug/l	100
60) Dibromochloromethane	9.57	129	99378	48.461	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104144	53.658	ug/l	100
64) Tetrachloroethene	9.33	164	93407	53.725	ug/l	94
65) Chlorobenzene	10.14	112	255642	51.356	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	94207	54.583	ug/l	98
67) Ethyl Benzene	10.25	91	461703	52.216	ug/l	98
68) m/p-Xylenes	10.35	106	348792	105.591	ug/l	100
69) o-Xylene	10.70	106	171873	53.356	ug/l	99
70) Stvrene	10.71	104	295814	54.018	ug/l	100
71) Bromoform	10.85	173	69047	47.151	ug/l	99
73) Isopropylbenzene	11.01	105	451179	52.890	ug/l	100
74) N-amyl acetate	10.89	43	188272	51.246	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	157293	55.439	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	147373m	57.267	ug/l	
77) Bromobenzene	11.25	156	105376	52.421	ug/l	96
78) n-propylbenzene	11.35	91	493559	52.581	ug/l	98
79) 2-Chlorotoluene	11.42	91	307278	52.088	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	368214	51.694	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43514	44.013	ug/l	98
82) 4-Chlorotoluene	11.51	91	361273	53.430	ug/l	100
83) tert-Butylbenzene	11.76	119	358088	51.536	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	384110	53.246	ug/l	99
85) sec-Butylbenzene	11.94	105	425840	52.899	ug/l	99
86) p-Isopropyltoluene	12.06	119	390481	52.302	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	191352	51.261	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	188869	49.958	ug/l	99
89) n-Butylbenzene	12.39	91	312441	49.793	ug/l	99
90) Hexachloroethane	12.59	117	66068	47.873	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	188846	51.603	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37195	55.932	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	112991	49.288	ug/l	97

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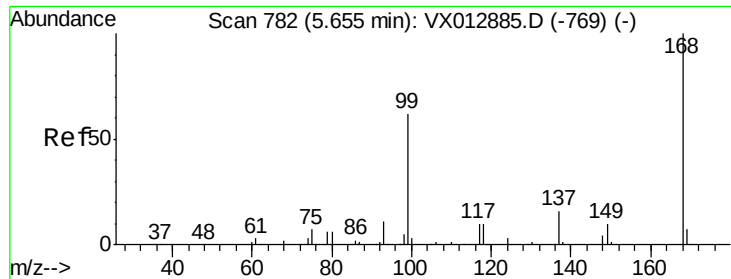
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	49583	46.866	ug/l	99
95) Naphthalene	13.83	128	412635	51.924	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	116393	49.131	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MSD

Tot Ion:168 Resp: 158817

Ion Ratio Lower Upper

168 100

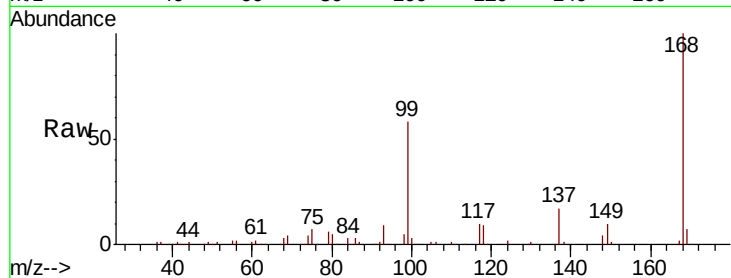
99 57.8 49.4 74.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

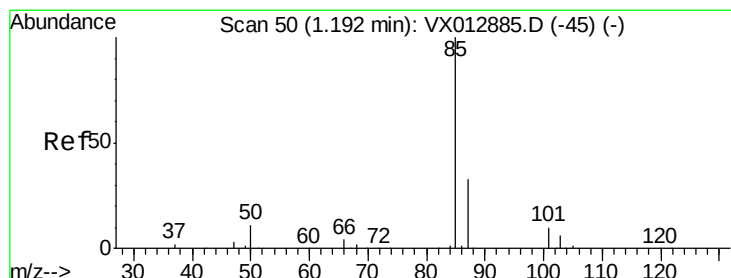
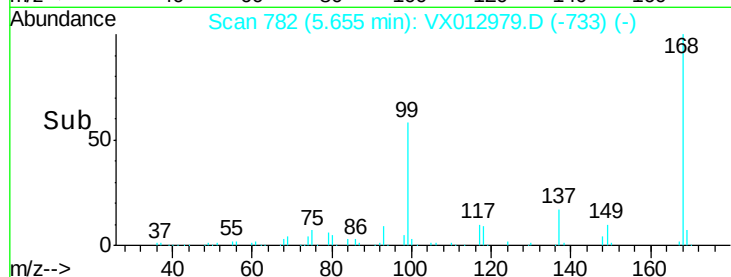
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.039 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012979.D

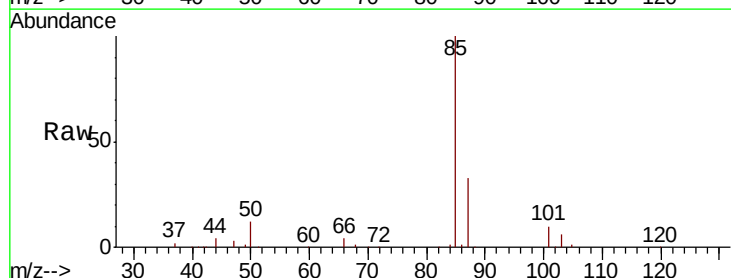
Acq: 10 Oct 2019 06:29

Tgt Ion: 85 Resp: 81006

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

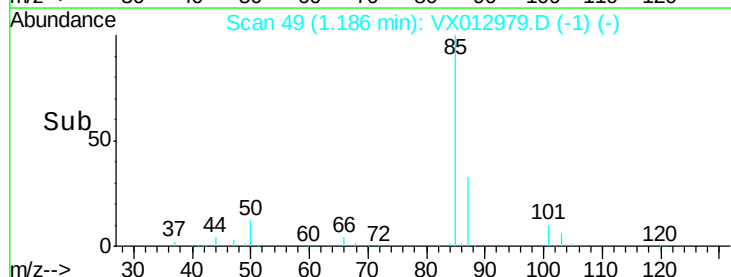
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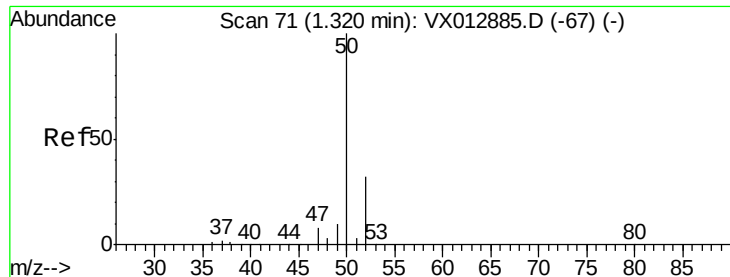
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 53.016 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MSD

Tot Ion: 50 Resp: 93404

Ion Ratio Lower Upper

50 100

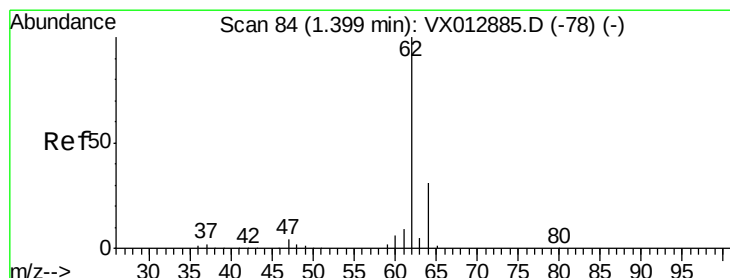
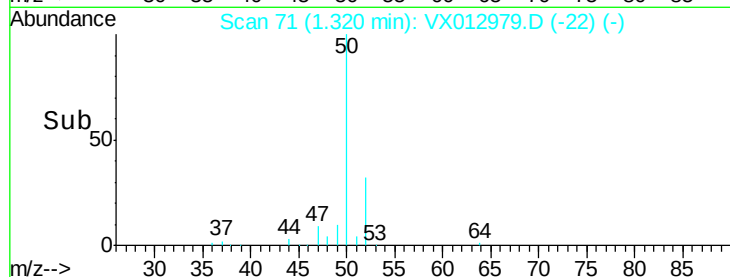
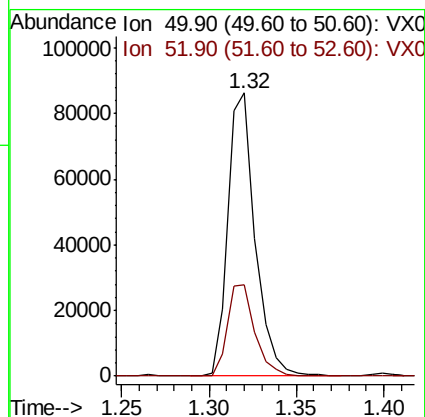
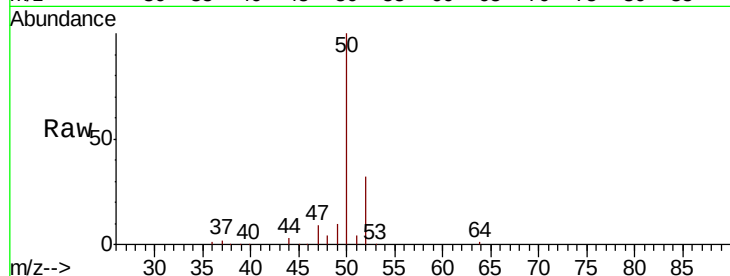
52 32.3 25.2 37.8

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#4

Vinyl Chloride

Concen: 52.146 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012979.D

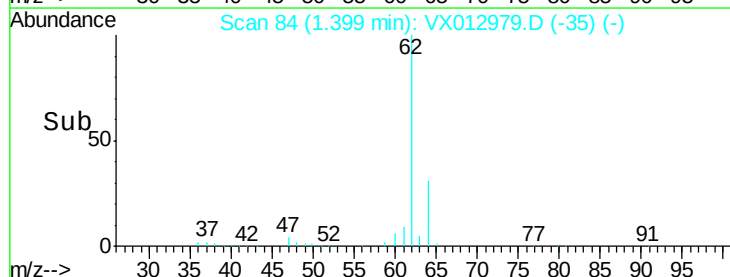
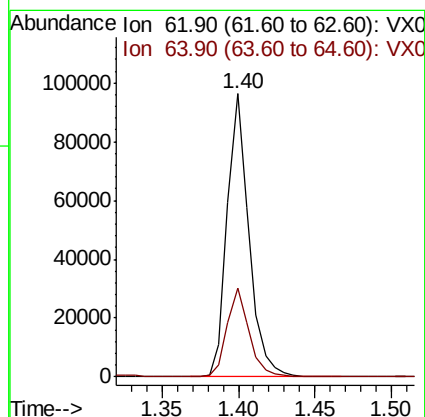
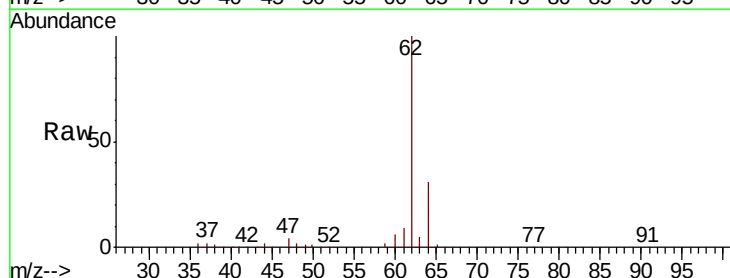
Acq: 10 Oct 2019 06:29

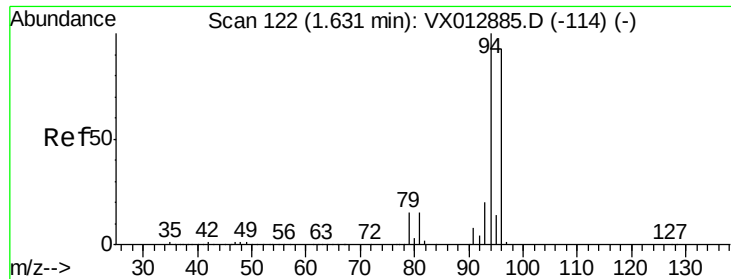
Tgt Ion: 62 Resp: 94825

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 50.512 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MSD

Tot Ion: 94 Resp: 38183

Ion Ratio Lower Upper

94 100

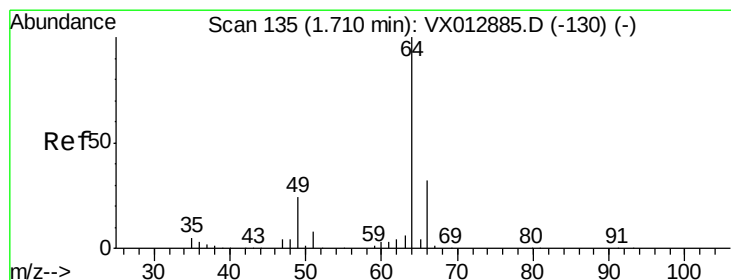
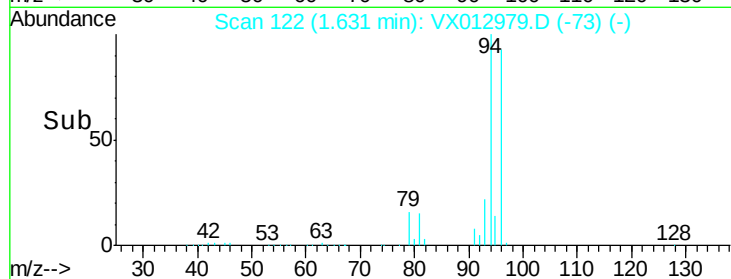
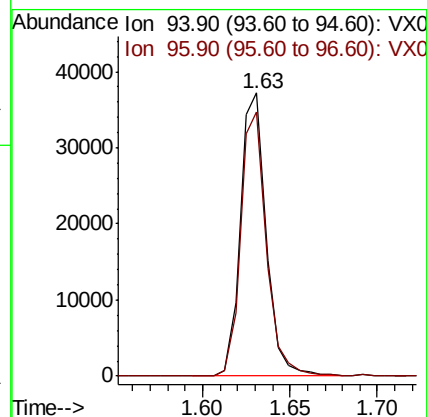
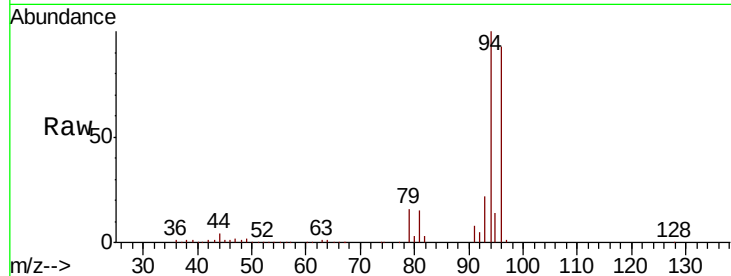
96 93.4 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 54.583 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012979.D

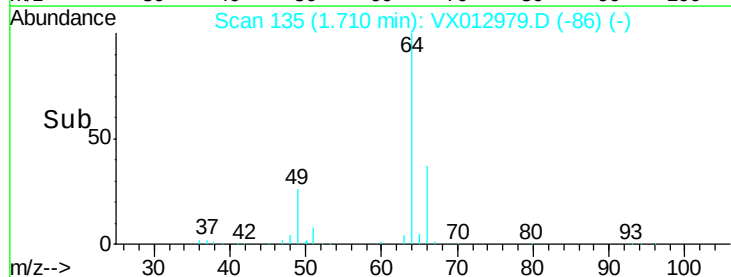
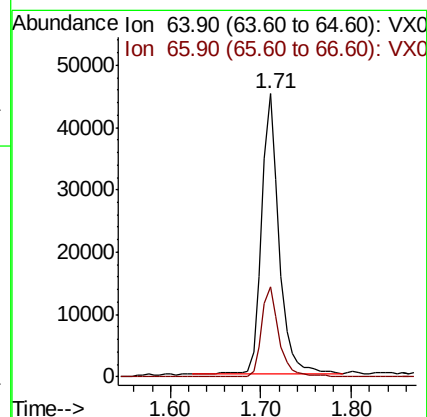
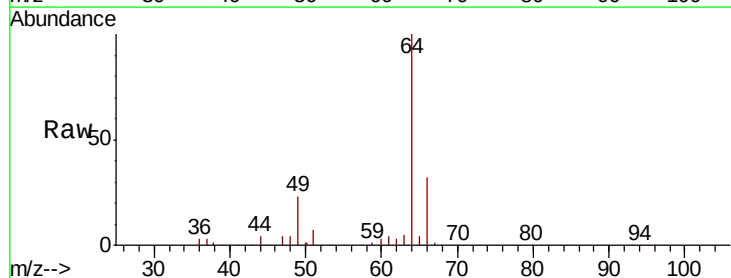
Acq: 10 Oct 2019 06:29

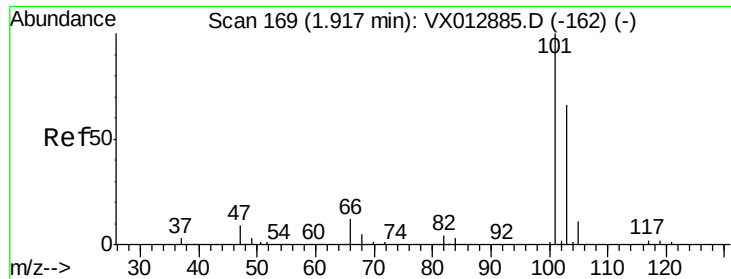
Tgt Ion: 64 Resp: 60667

Ion Ratio Lower Upper

64 100

66 31.8 25.6 38.4





#7

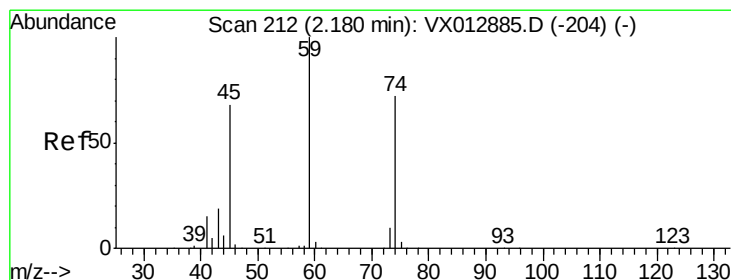
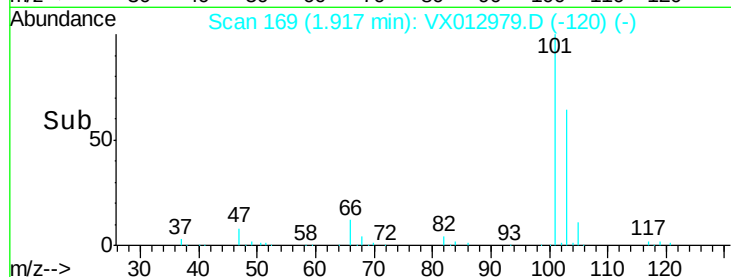
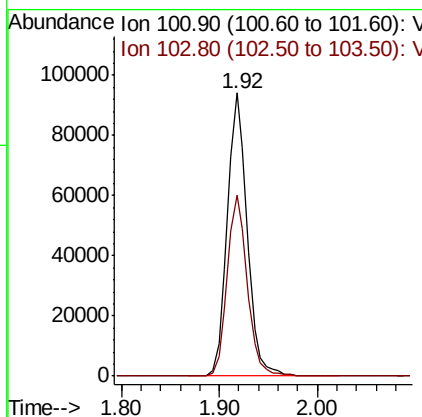
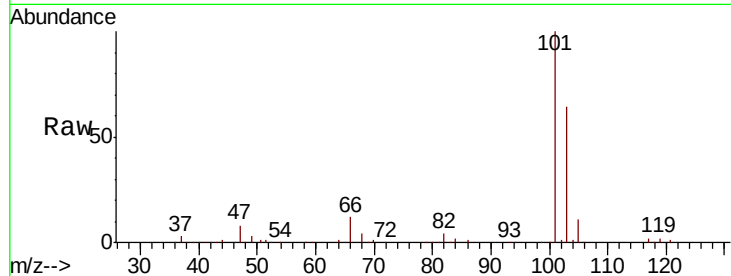
Trichlorofluoromethane
Concen: 54.203 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

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ClientSampleId :
FA19-MMW0010MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.5	78.7

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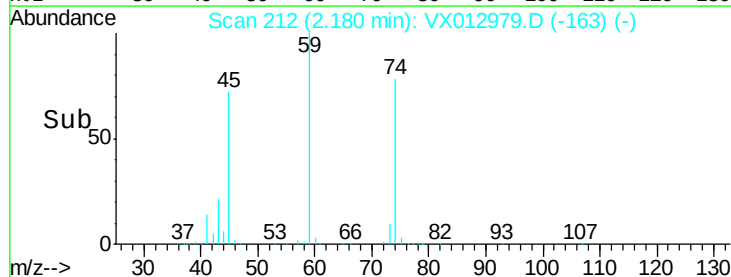
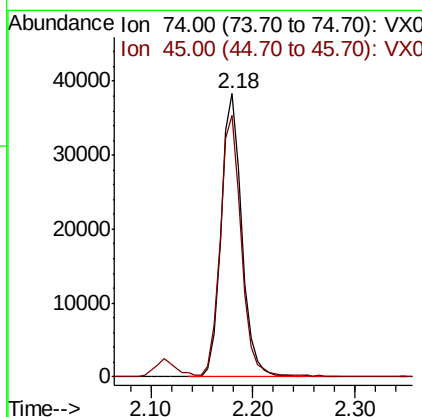
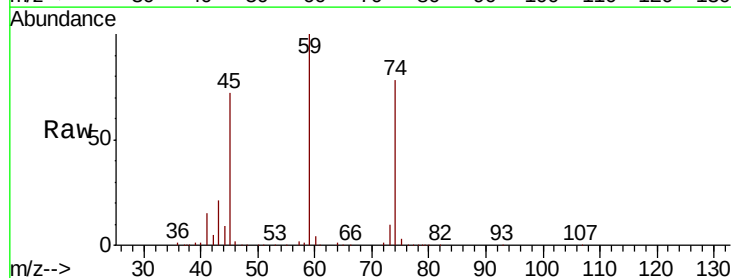
MMDadoda
10/10/2019 9:04:54 AM

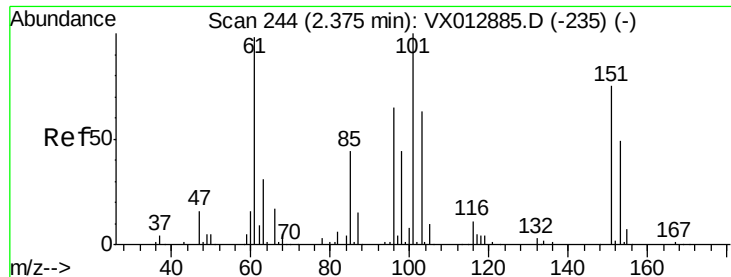


#8

Diethyl Ether
Concen: 54.770 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.5	47.8	143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.168 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

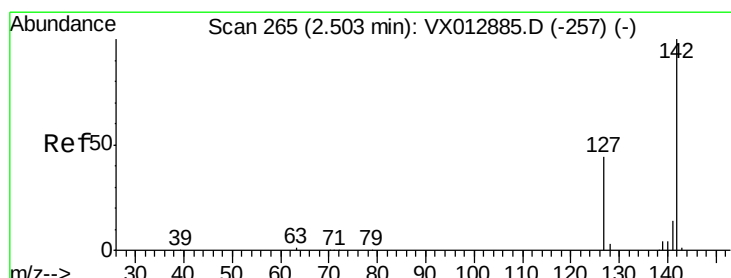
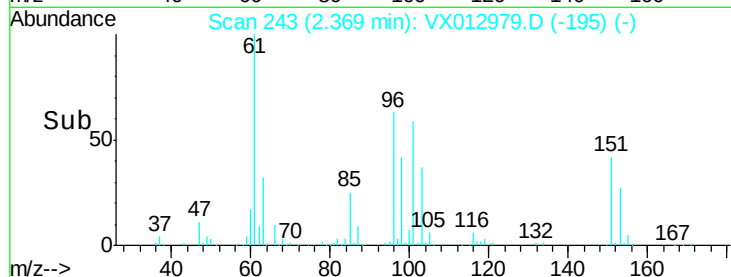
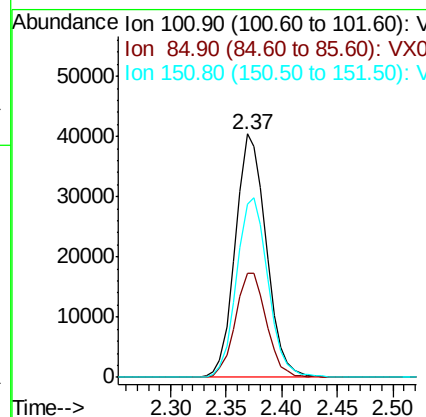
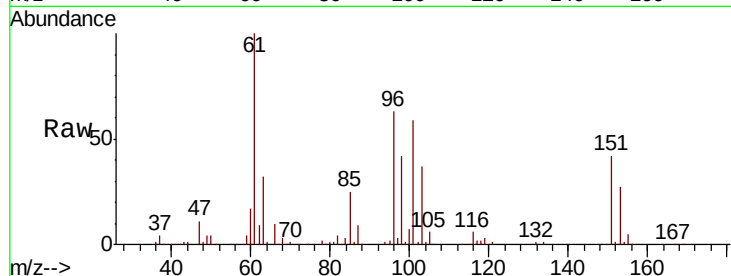
ClientSampleId :

FA19-MMW0010MSD

Tot Ion:	101	Resp:	78102
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.2	52.8
151	75.0	60.3	90.5

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#10

Methyl Iodide

Concen: 53.203 ug/l

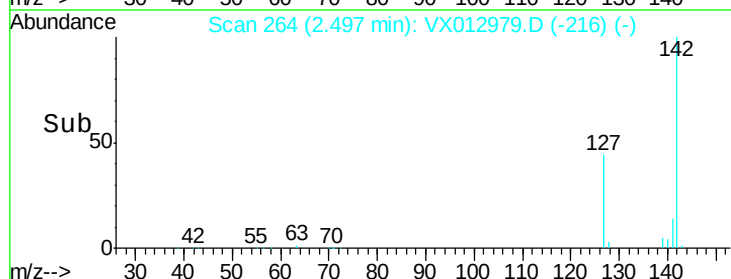
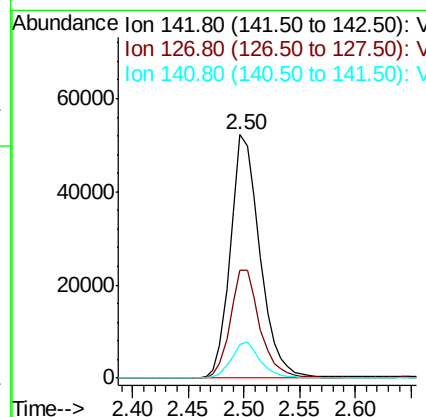
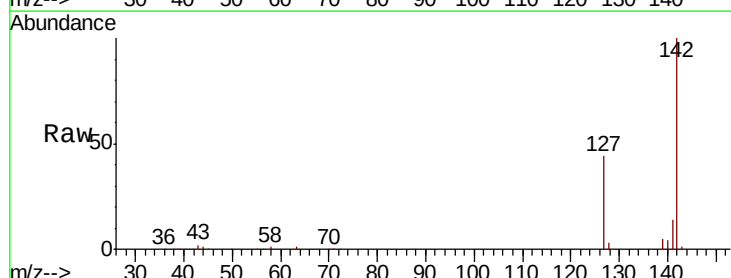
RT: 2.50 min Scan# 264

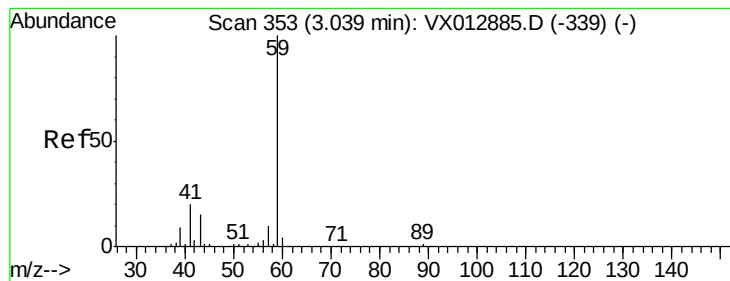
Delta R.T. -0.01 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Tgt Ion:	142	Resp:	96395
Ion Ratio	Lower	Upper	
142	100		
127	44.4	34.9	52.3
141	14.5	11.6	17.4





#11

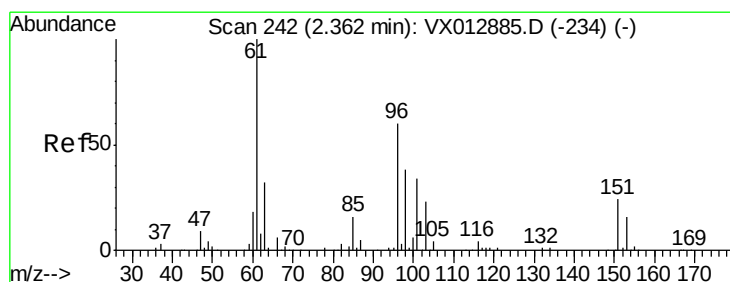
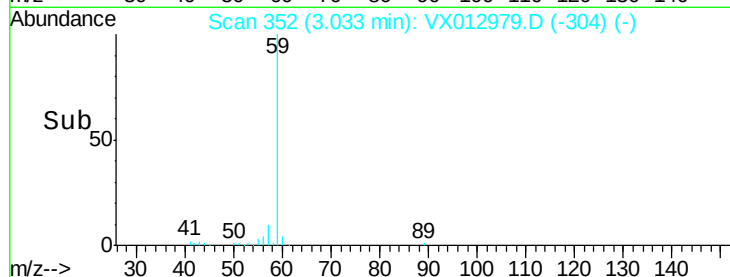
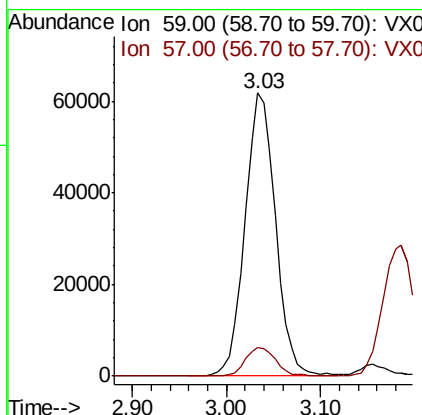
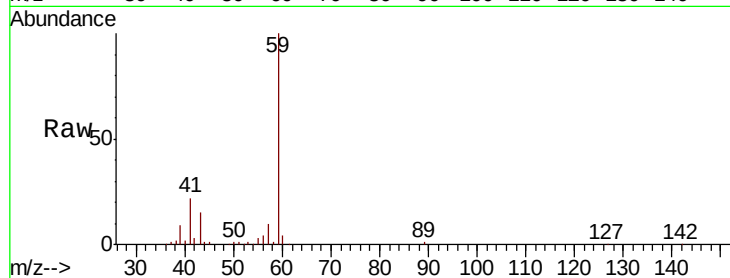
Tert butyl alcohol
 Concen: 265.186 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MSD

Tot Ion	59	Resp	139543
Ion Ratio	100	Lower	Upper
57	10.2	8.3	12.5

Manual Integrations
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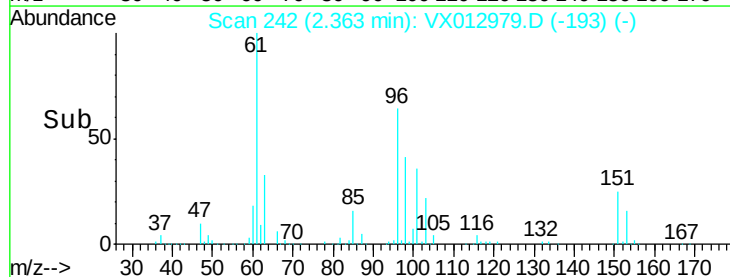
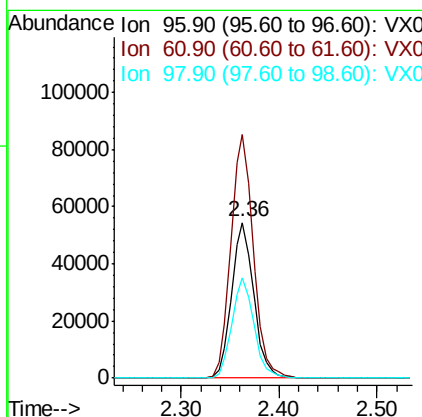
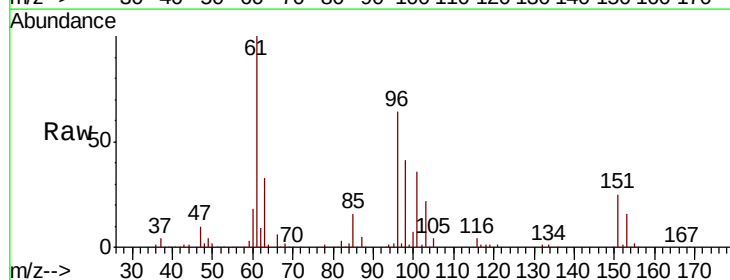
MMDadoda
 10/10/2019 9:04:54 AM

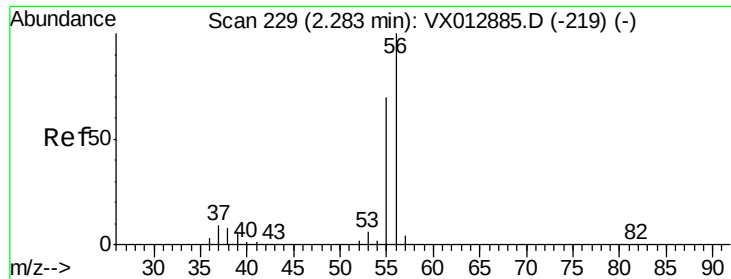


#12

1,1-Dichloroethene
 Concen: 53.429 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Tgt Ion	96	Resp	85750
Ion Ratio	100	Lower	Upper
61	156.8	132.2	198.4
98	64.5	50.5	75.7





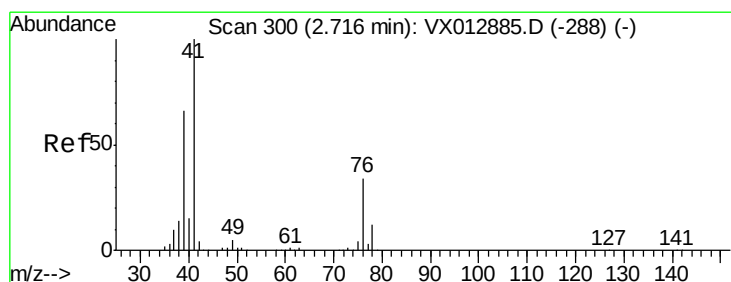
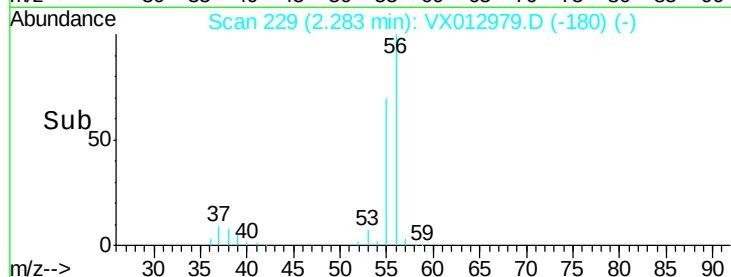
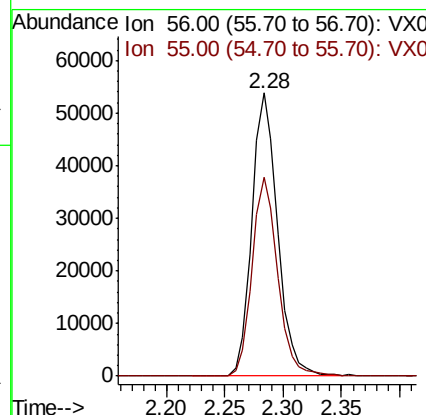
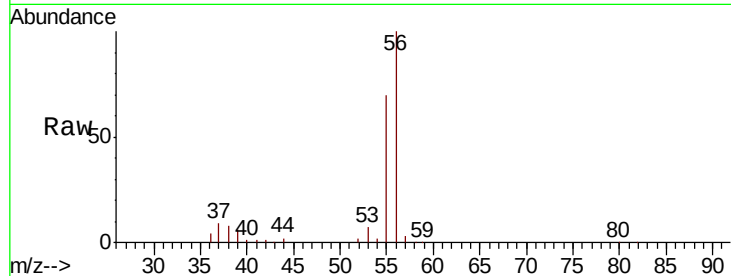
#13
Acrolein
Concen: 222.835 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MSD

Tot Ion	56	55	Resp	83330
Ion Ratio	100	70.3	Lower	Upper
			56.6	85.0

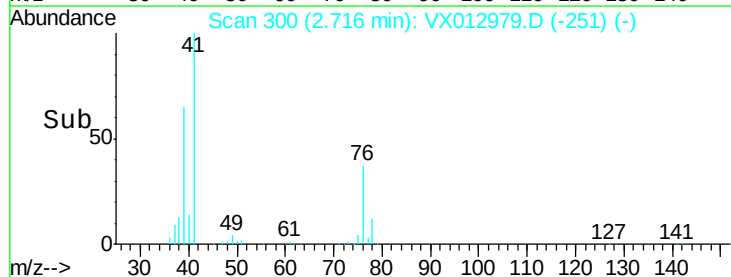
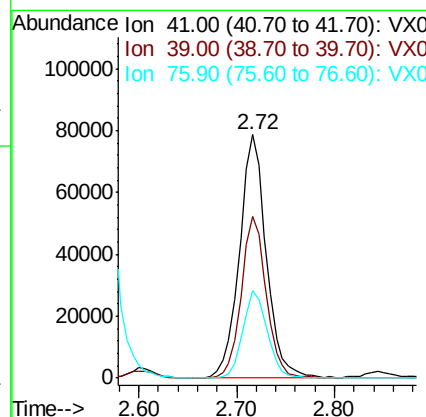
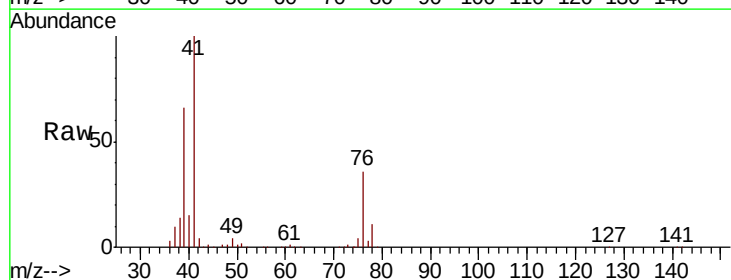
Manual Integrations
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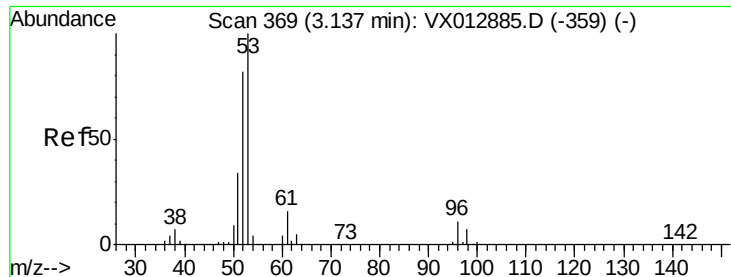
MMDadoda
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#14
Allyl chloride
Concen: 52.520 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Tgt Ion	41	39	76	Resp	150110
Ion Ratio	100	61.4	33.0	Lower	Upper
				51.0	76.6
				26.2	39.4





#15

Acrylonitrile

Concen: 282.108 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

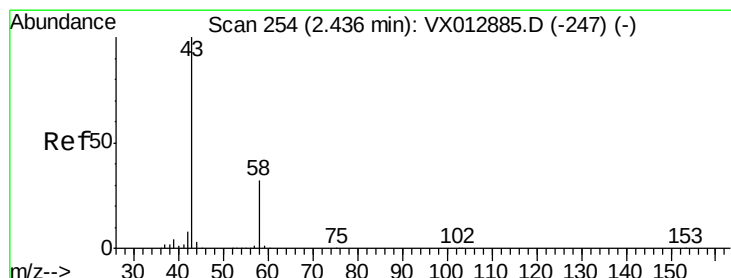
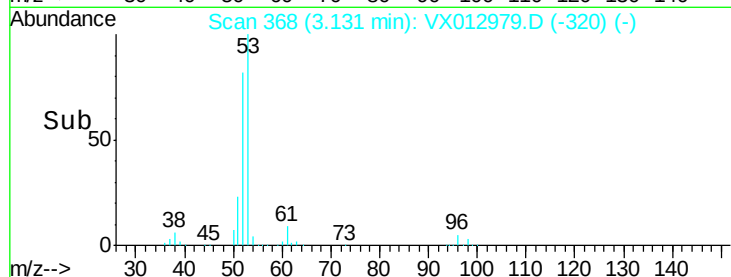
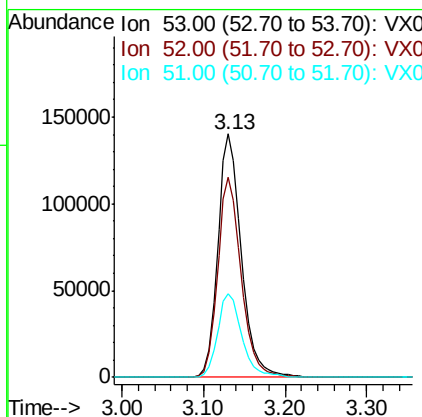
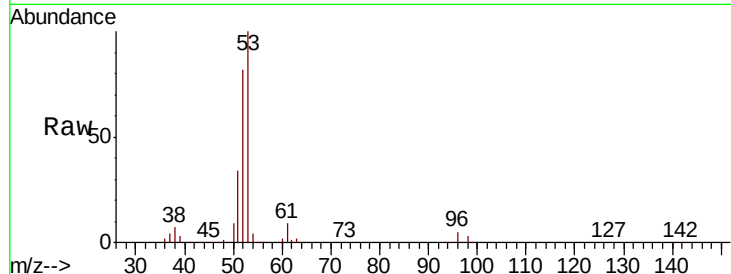
ClientSampleId :

FA19-MMW0010MSD

Tot Ion:	53	Resp:	281319
Ion Ratio		Lower	Upper
53	100		
52	82.2	66.2	99.2
51	35.6	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 241.716 ug/l

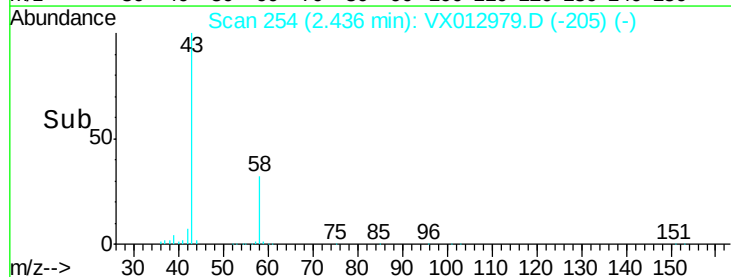
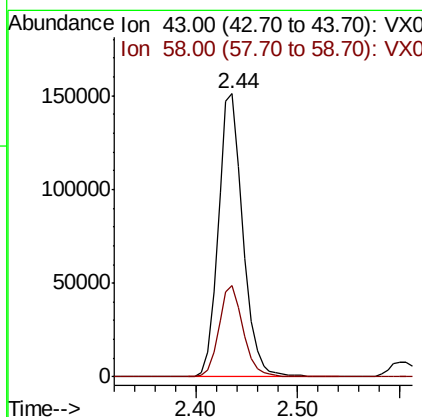
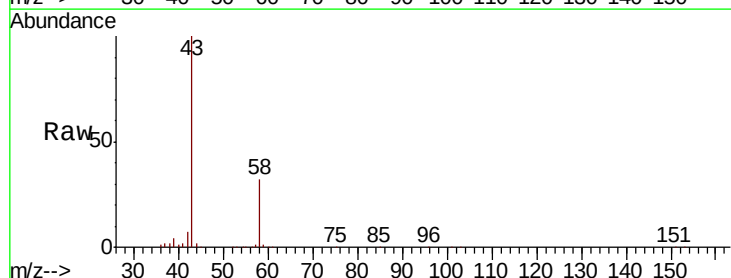
RT: 2.44 min Scan# 254

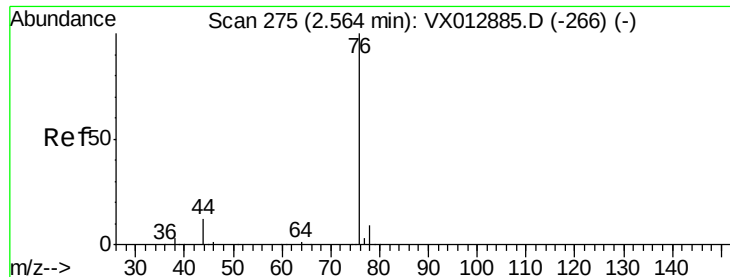
Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Tgt Ion:	43	Resp:	252907
Ion Ratio		Lower	Upper
43	100		
58	32.4	25.4	38.2





#17

Carbon Disulfide

Concen: 50.372 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MSD

Tot Ion: 76 Resp: 230517

Ion Ratio Lower Upper

76 100

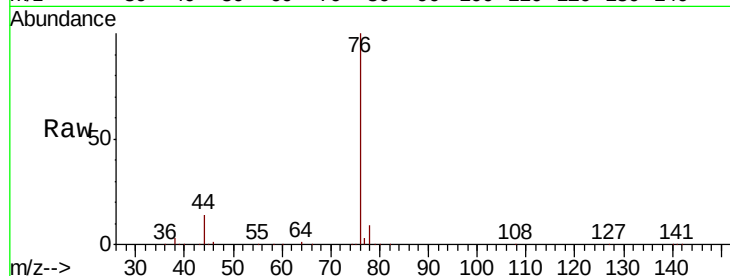
78 8.9 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

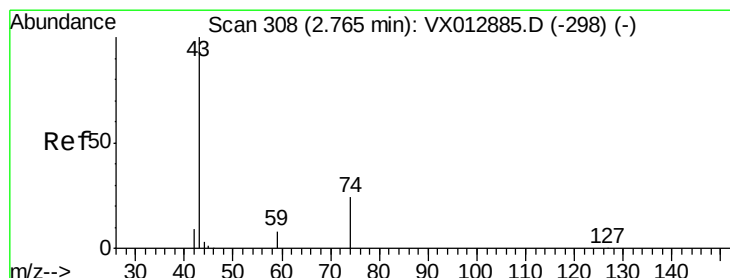
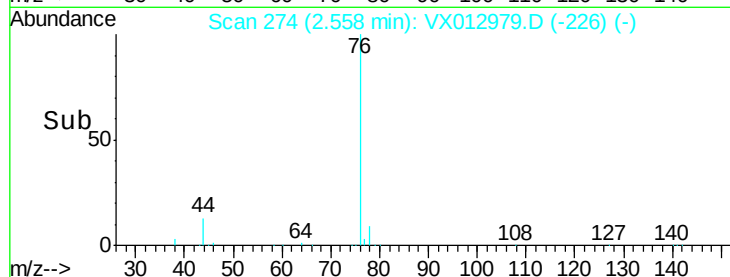
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.043 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012979.D

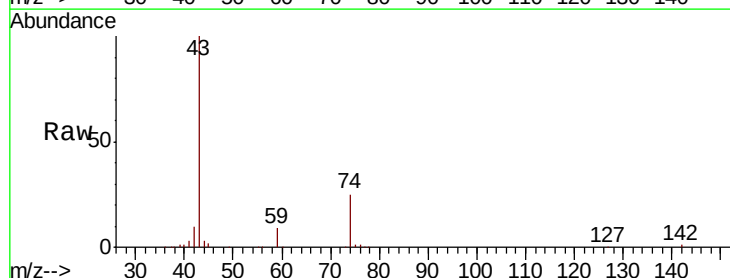
Acq: 10 Oct 2019 06:29

Tgt Ion: 43 Resp: 121628

Ion Ratio Lower Upper

43 100

74 24.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

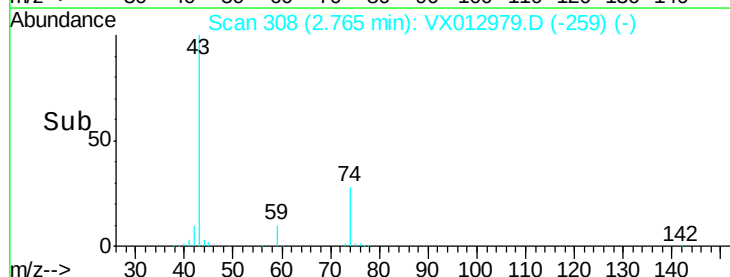
60000

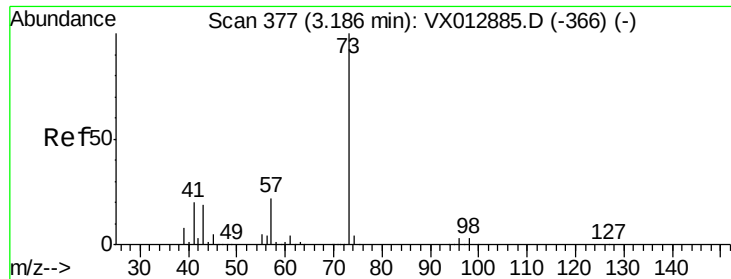
40000

20000

0

Time-->





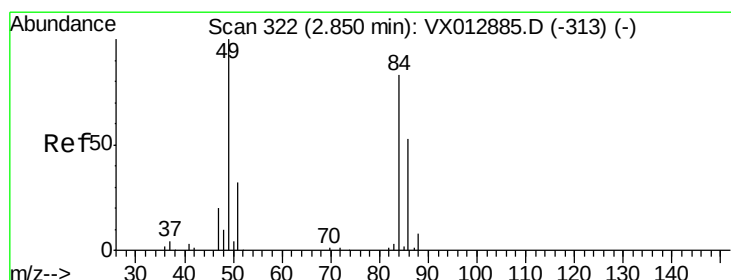
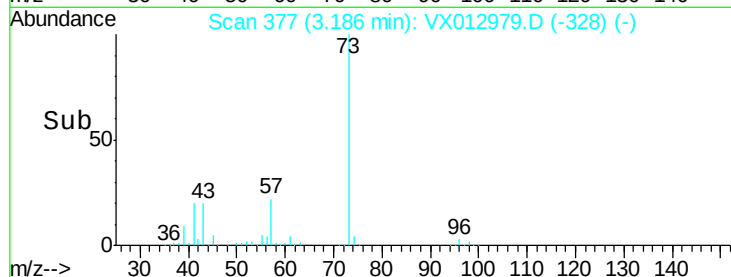
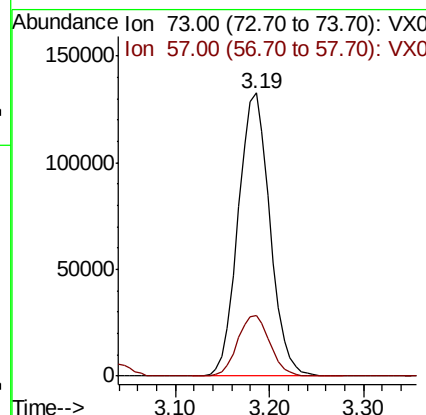
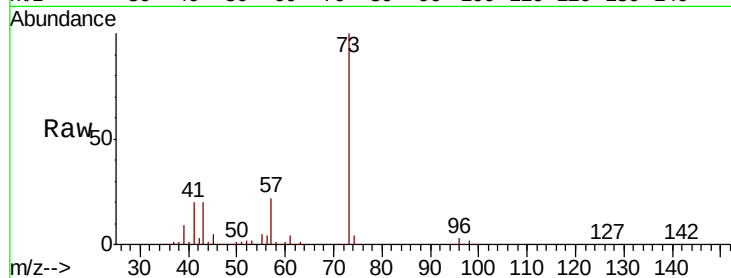
#19
Methyl tert-butyl Ether
Concen: 56.123 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.6

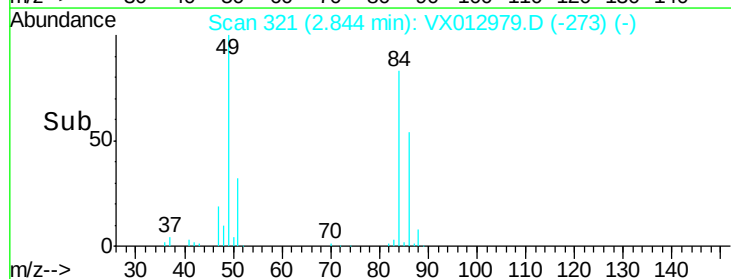
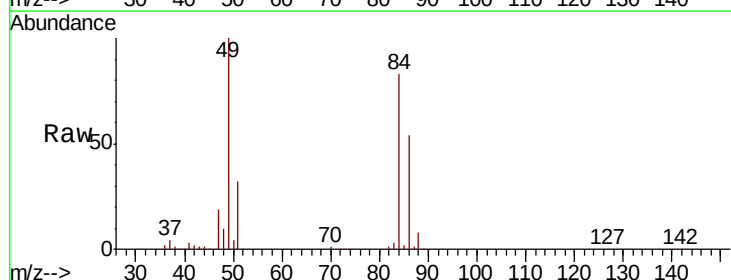
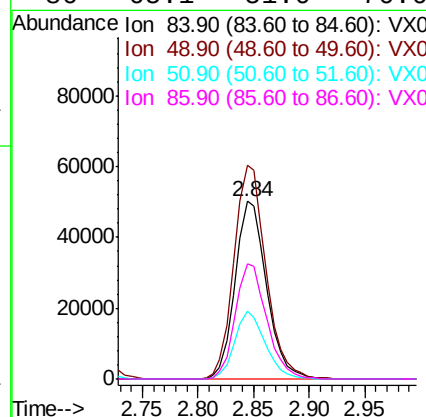
Manual Integrations
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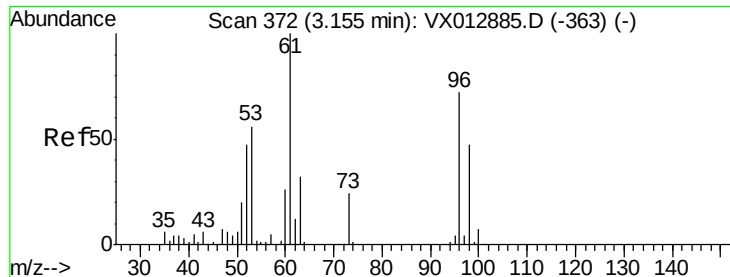
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#20
Methylene Chloride
Concen: 51.181 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.1	96.6	144.8
51	37.9	30.7	46.1
86	65.1	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 53.752 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MSD

Tot Ion: 96 Resp: 92463

Ion Ratio Lower Upper

96 100

61 138.3 110.4 165.6

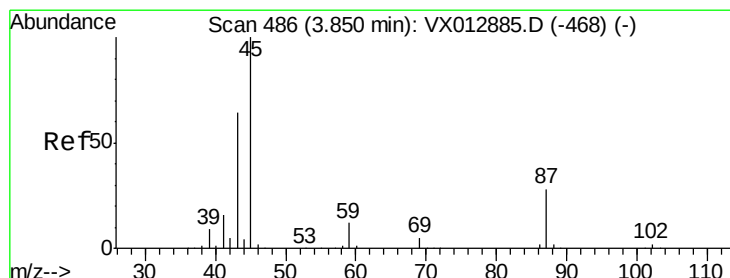
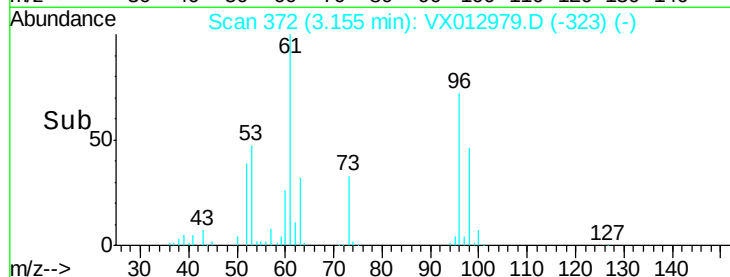
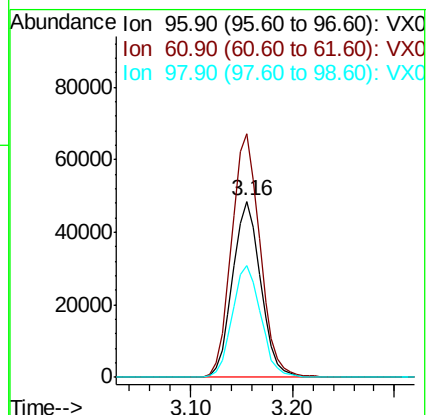
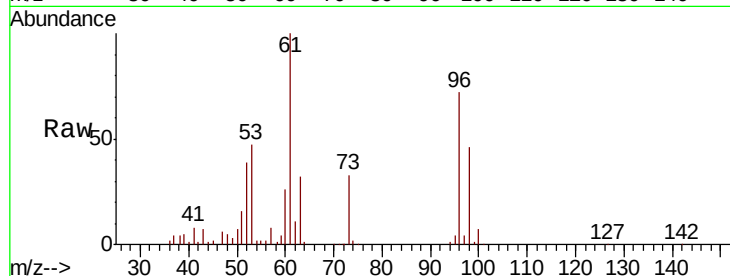
98 63.4 51.5 77.3

Manual Integrations

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#22

Diisopropyl ether

Concen: 55.330 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Tgt Ion: 45 Resp: 303028

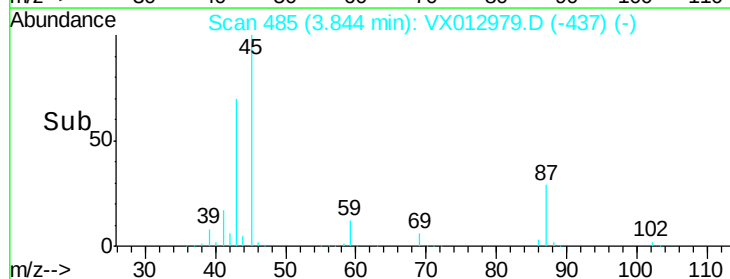
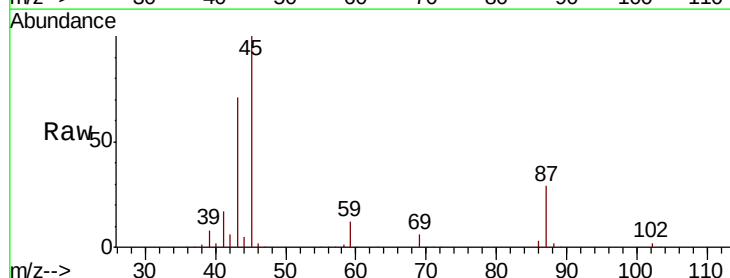
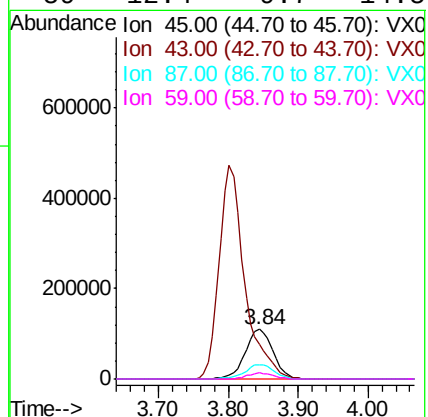
Ion Ratio Lower Upper

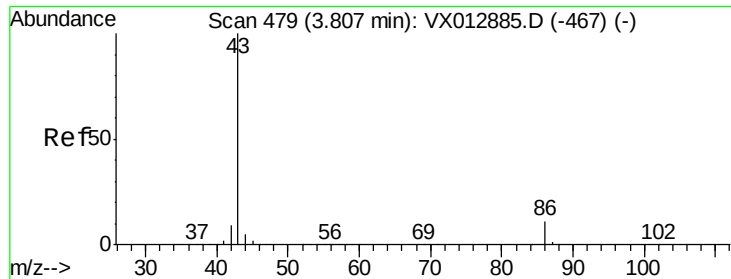
45 100

43 70.4 51.4 77.0

87 29.5 22.5 33.7

59 12.4 9.7 14.5





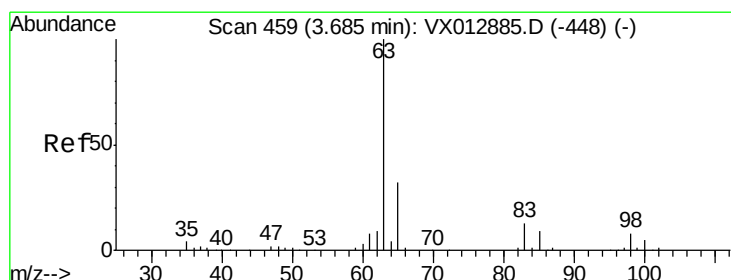
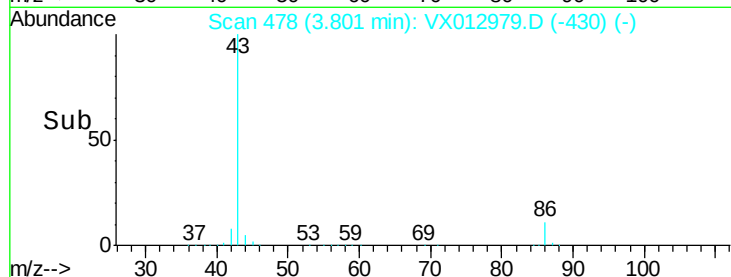
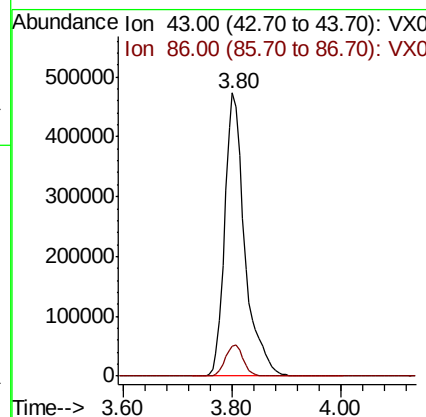
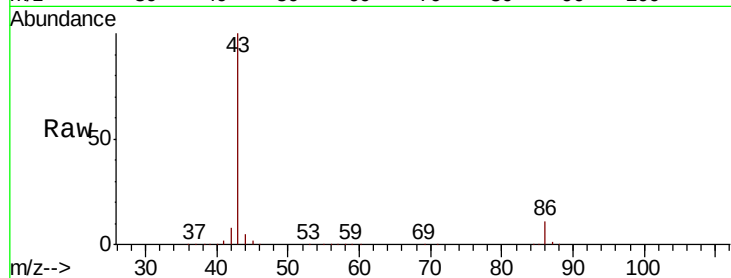
#23
 Vinyl Acetate
 Concen: 255.768 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MSD

Tot Ion: 43 Resp: 1209250
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.0 13.6

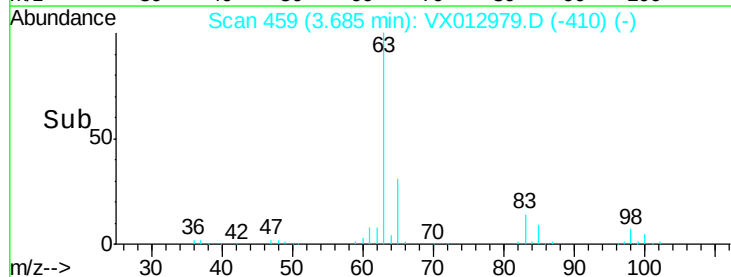
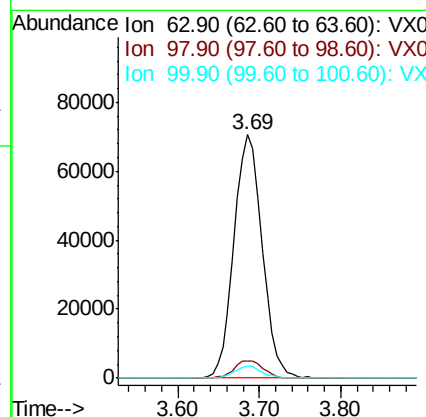
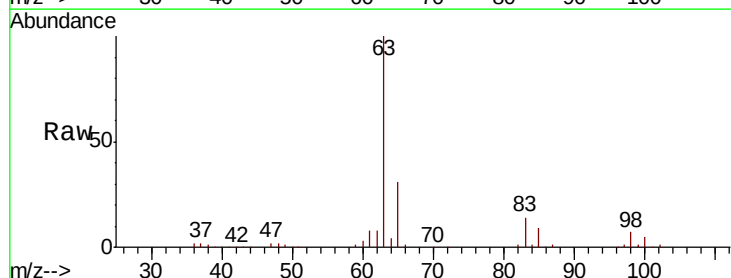
Manual Integrations
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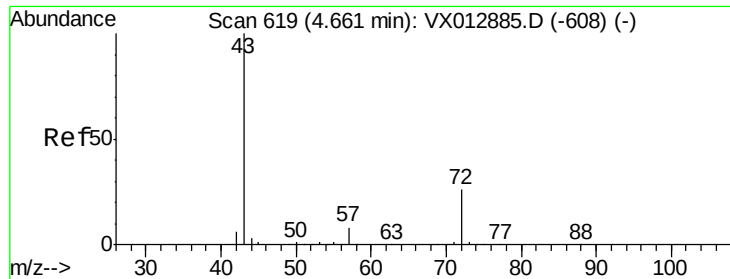
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 54.646 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Tgt Ion: 63 Resp: 168368
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.5
 100 4.8 2.3 6.9





#25

2-Butanone

Concen: 267.031 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MSD

Tot Ion: 43 Resp: 387621

Ion Ratio Lower Upper

43 100

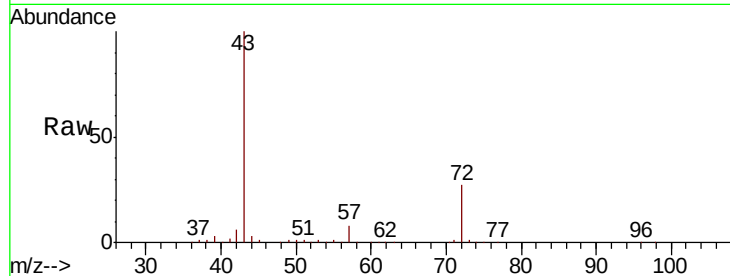
72 26.9 21.0 31.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

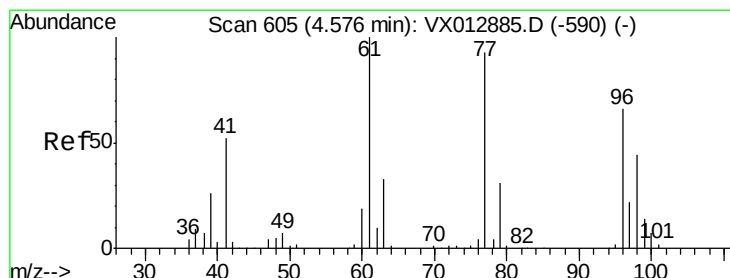
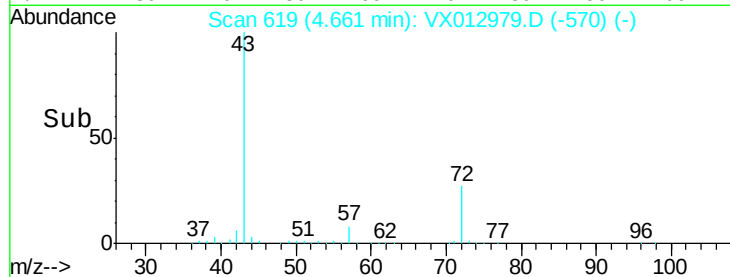
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 36.271 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX012979.D

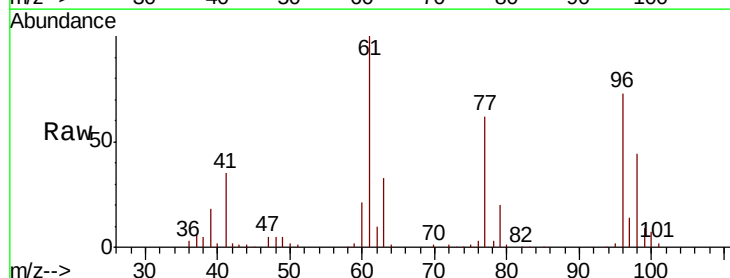
Acq: 10 Oct 2019 06:29

Tgt Ion: 77 Resp: 93976

Ion Ratio Lower Upper

77 100

97 24.6 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

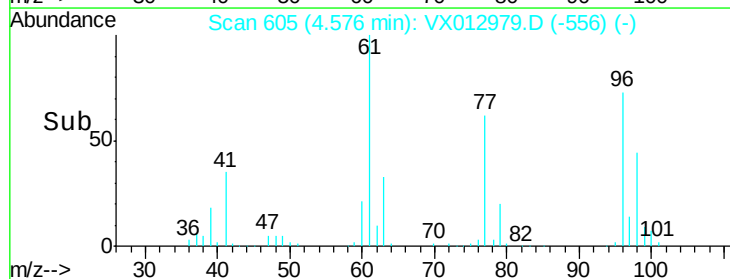
20000

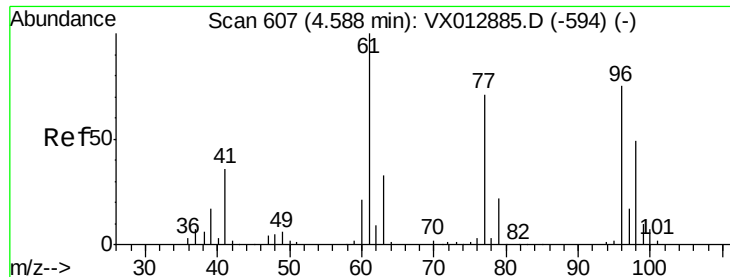
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

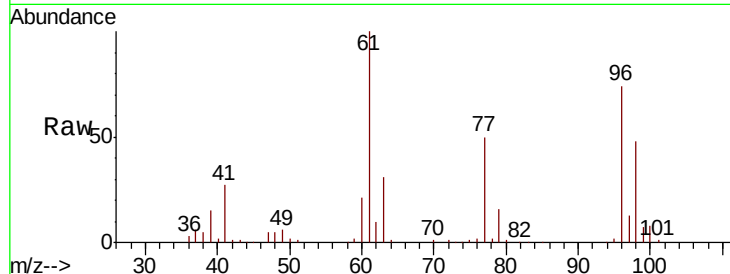
cis-1,2-Dichloroethene
Concen: 54.341 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MSD

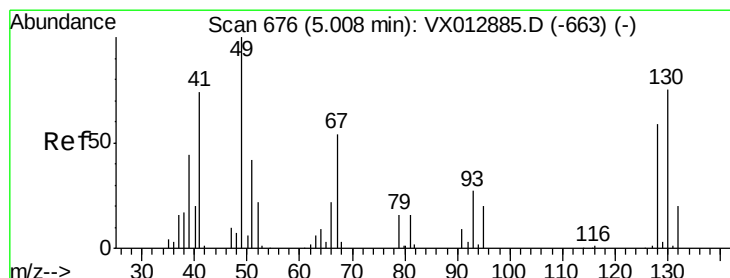
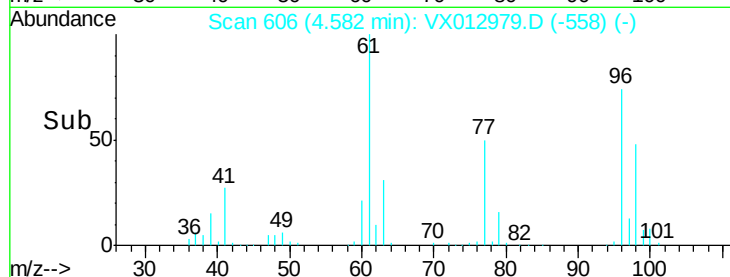
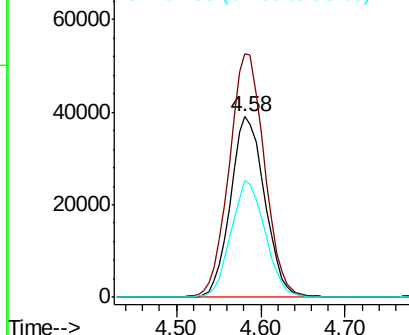
Tot Ion	Ratio	Resp	Lower	Upper
96	100	107749		
61	139.3	0.0	290.6	
98	64.3	0.0	128.8	

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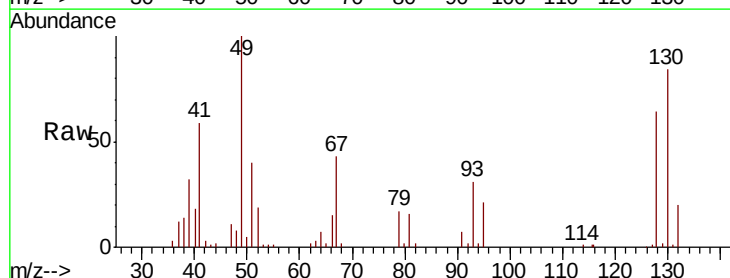
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



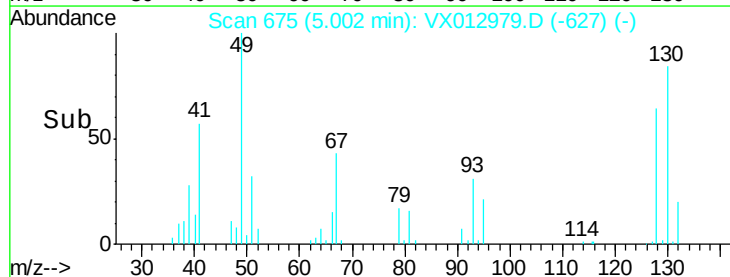
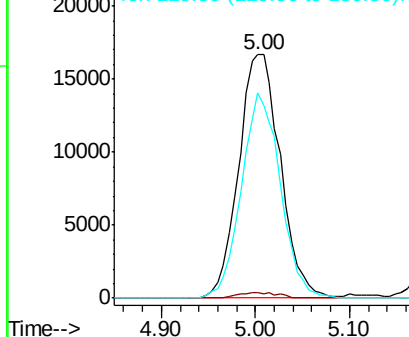
#28

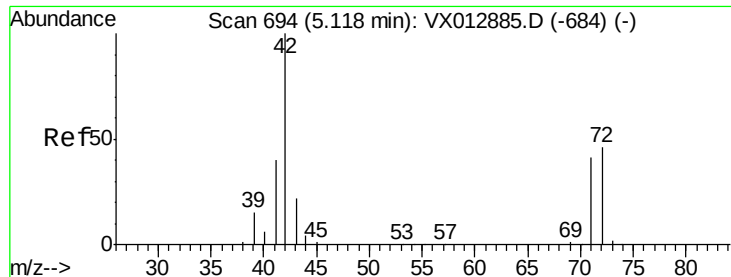
Bromochloromethane
Concen: 56.135 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	51638		
129	2.1	0.0	4.2	
130	78.7	62.1	93.1	



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





#29

Tetrahydrofuran

Concen: 281.758 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

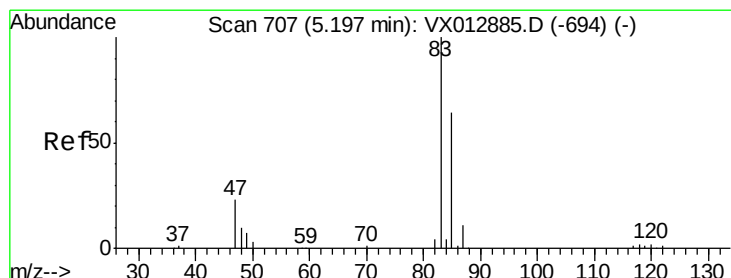
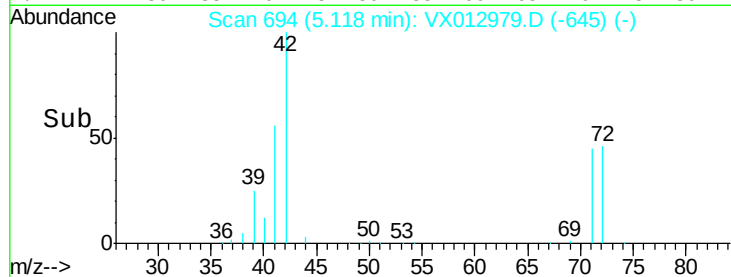
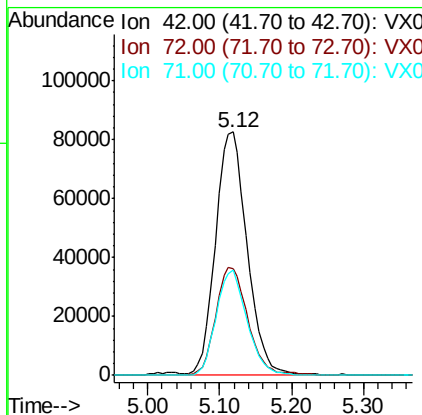
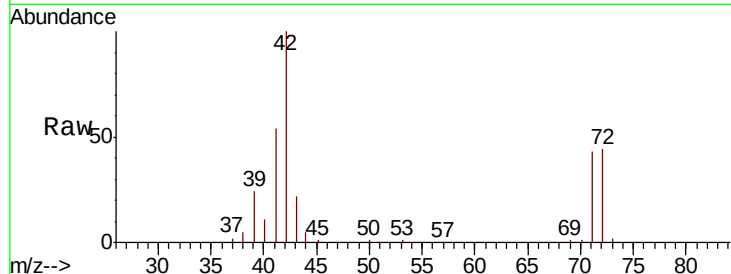
ClientSampleId :

FA19-MMW0010MSD

Tot Ion:	42	Resp:	251684
Ion	Ratio	Lower	Upper
42	100		
72	45.3	36.9	55.3
71	42.4	33.5	50.3

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#30

Chloroform

Concen: 54.396 ug/l

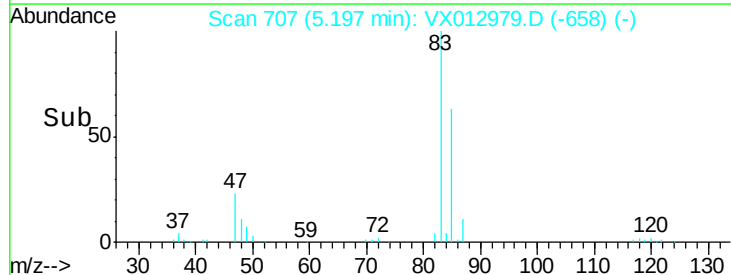
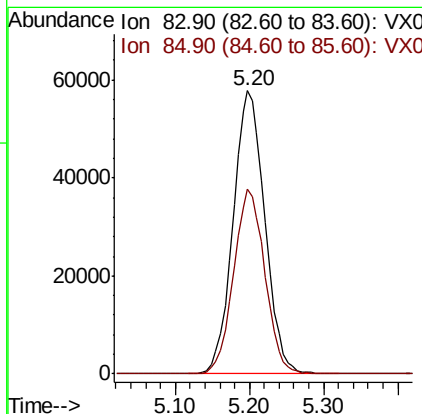
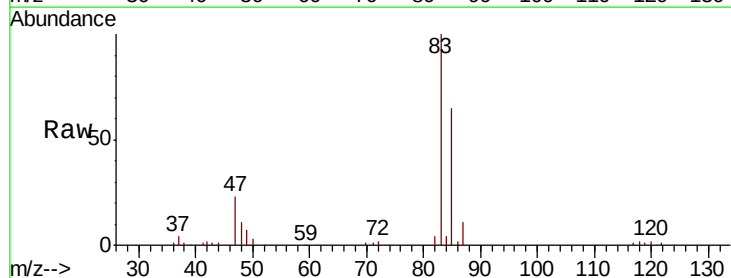
RT: 5.20 min Scan# 707

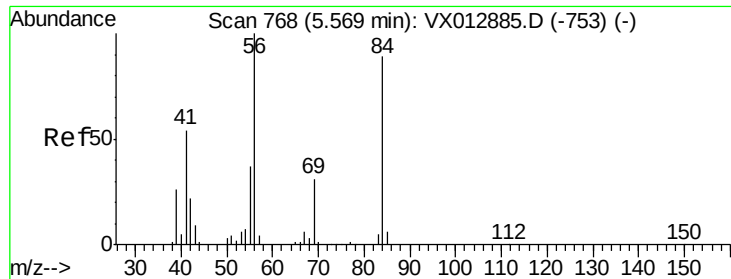
Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Tgt Ion:	83	Resp:	171969
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.5	77.3





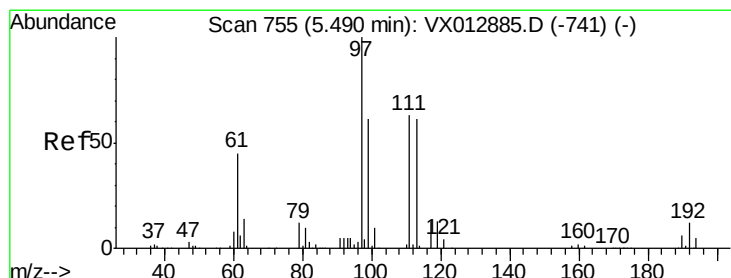
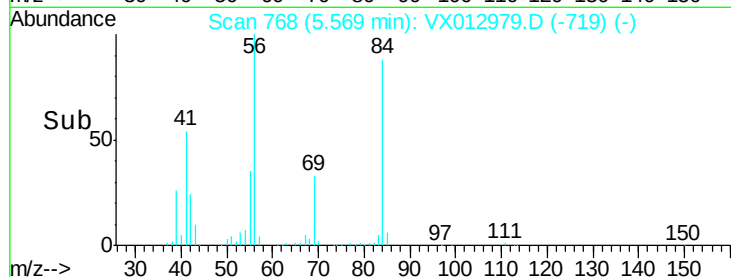
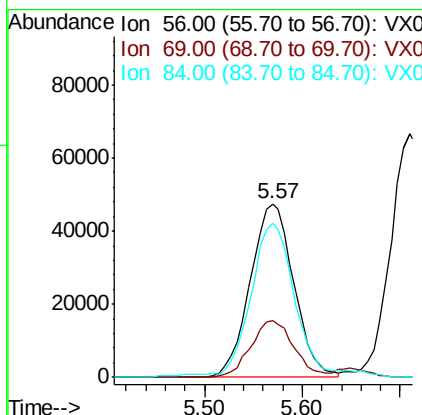
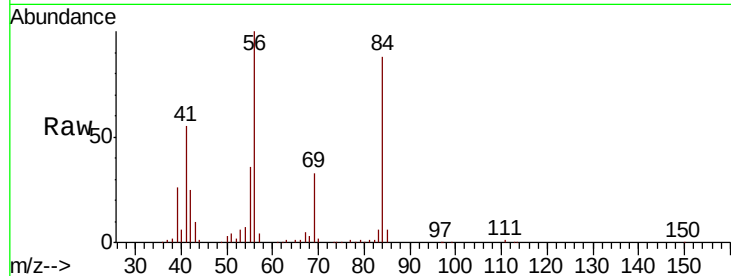
#31
Cyclohexane
Concen: 51.108 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.2	37.8
84	87.0	71.3	106.9

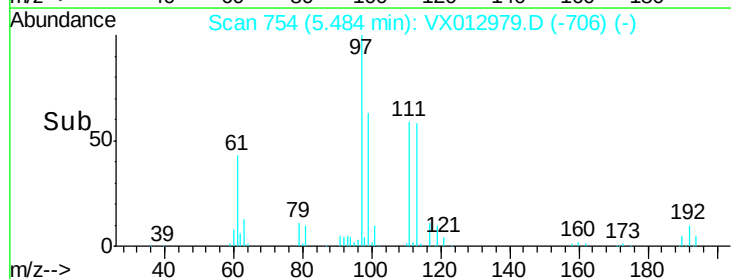
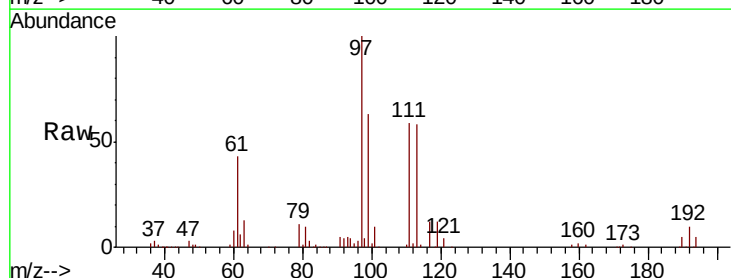
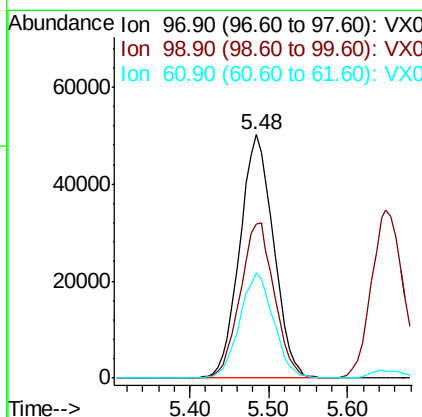
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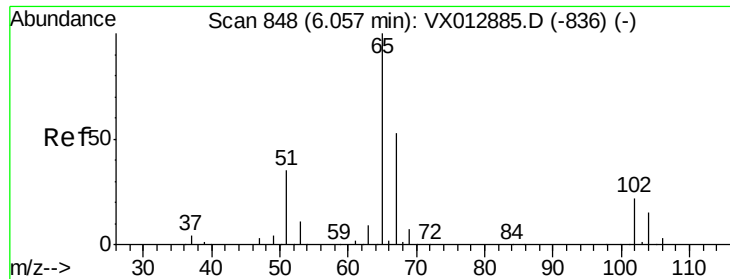
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#32
1,1,1-Trichloroethane
Concen: 55.993 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.3	78.5
61	43.0	35.0	52.4





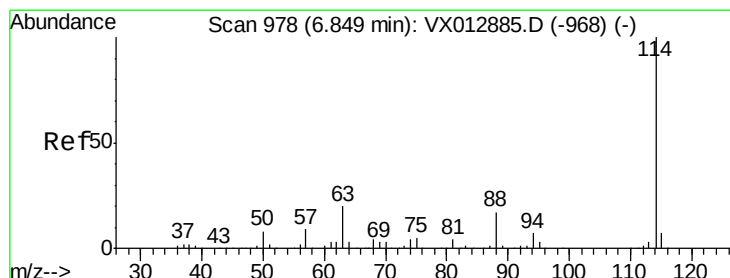
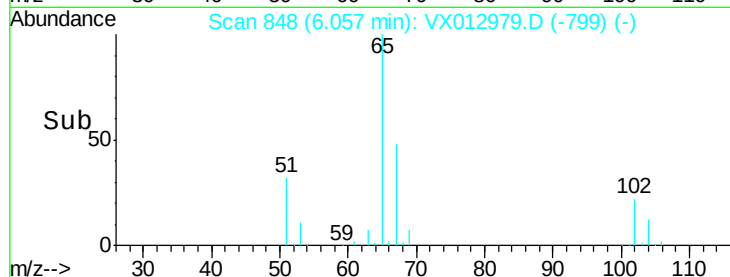
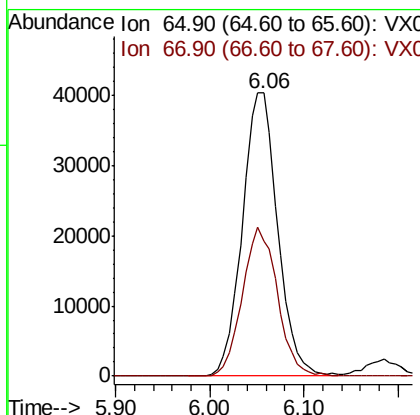
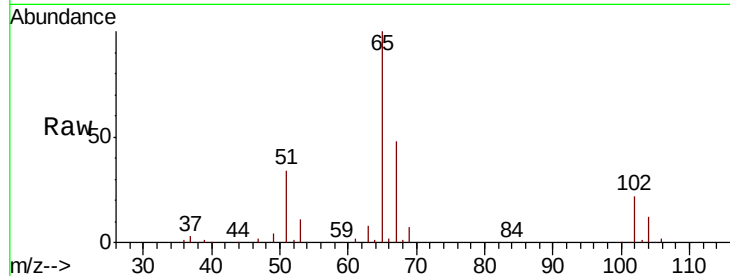
#33
 1,2-Dichloroethane-d4
 Concen: 53.119 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.4

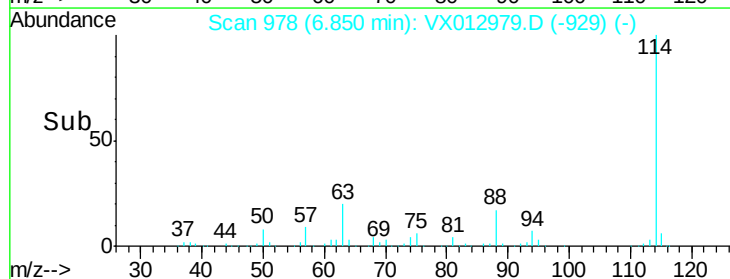
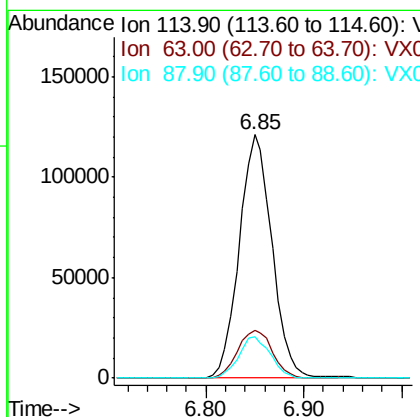
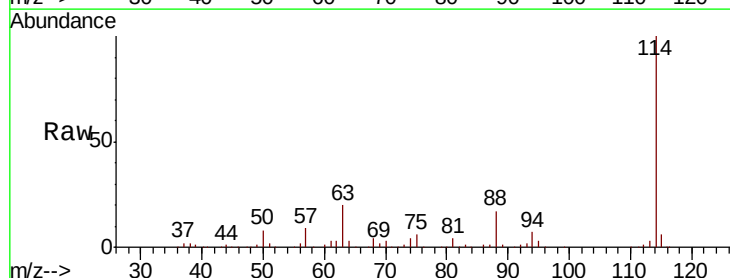
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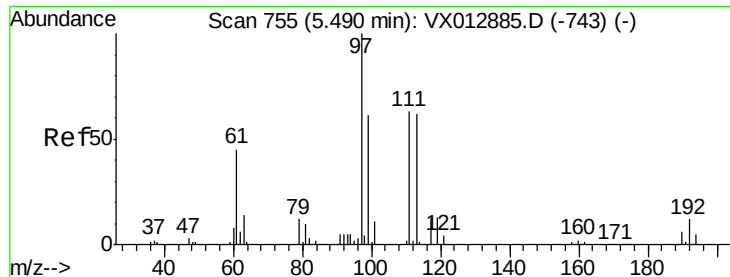
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.8
88	16.9	0.0	33.8





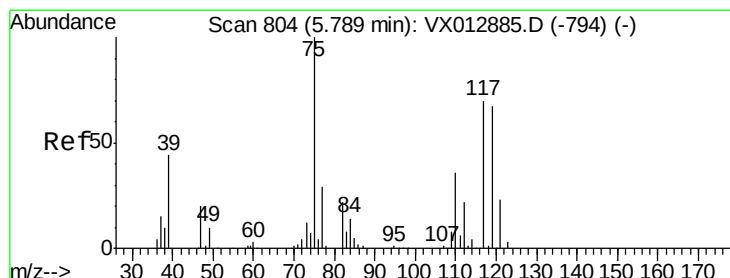
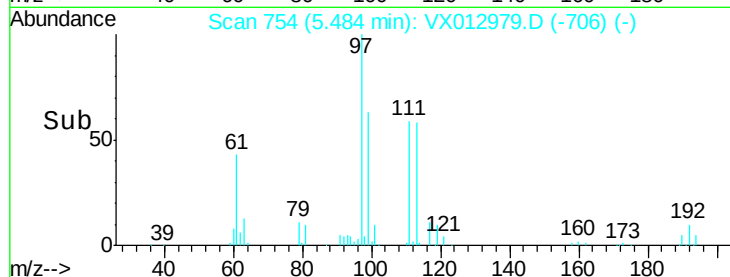
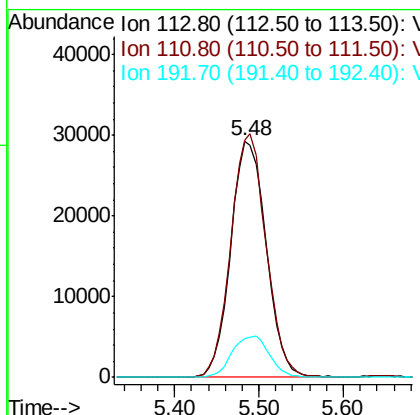
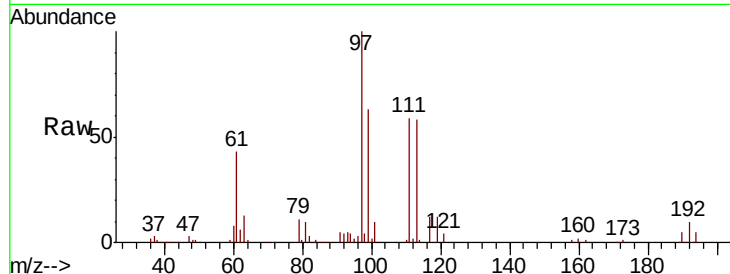
#35
Dibromofluoromethane
Concen: 51.924 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	83635		
111	102.3	83.2	124.8	
192	18.3	15.4	23.2	

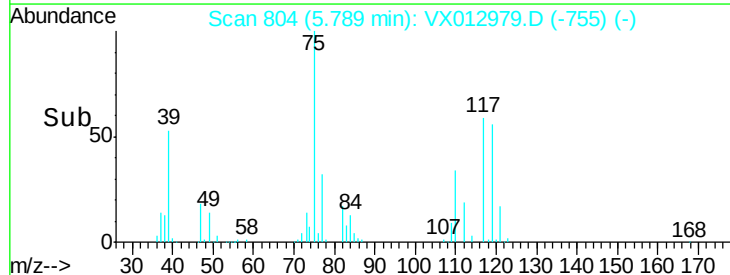
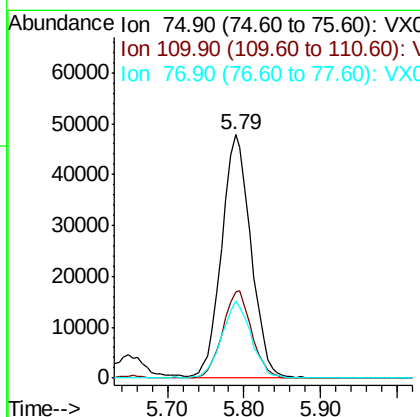
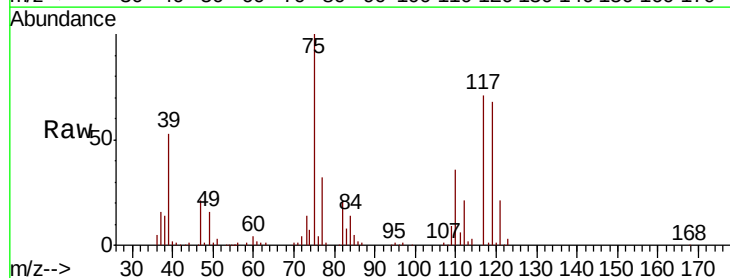
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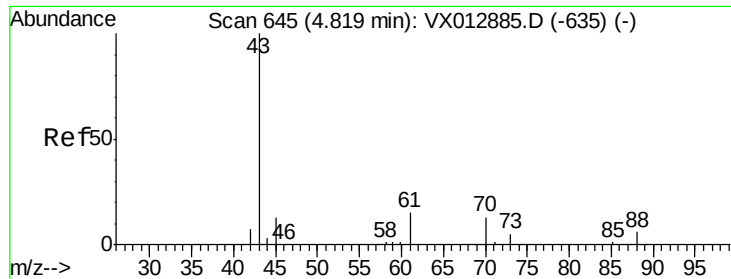
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#36
1,1-Dichloropropene
Concen: 51.530 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	127145		
110	35.5	17.6	52.9	
77	31.6	24.4	36.6	





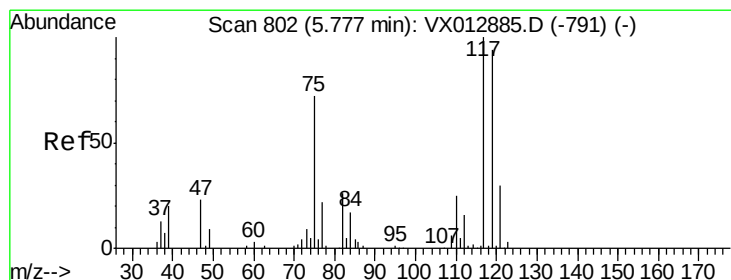
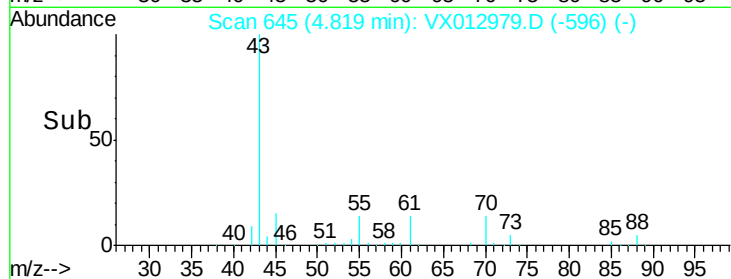
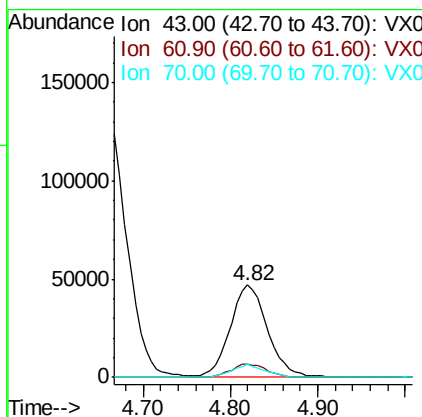
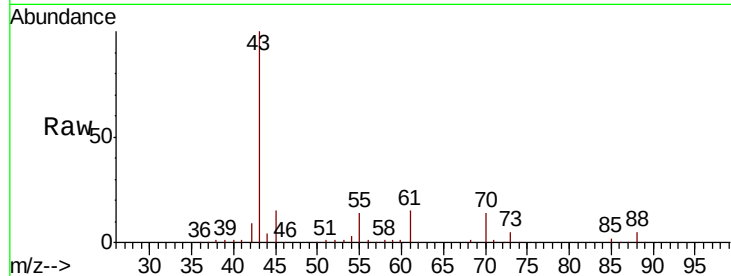
#37
Ethyl Acetate
Concen: 49.782 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.4	17.0
70	12.2	9.8	14.6

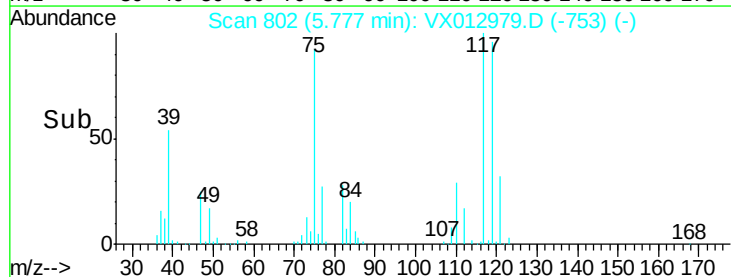
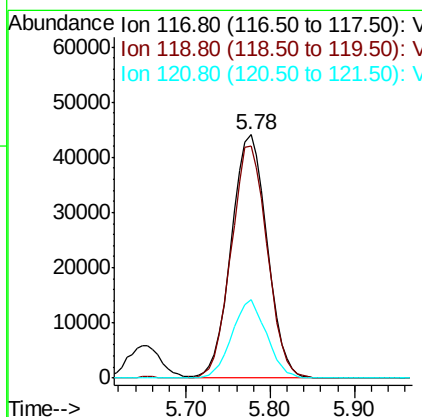
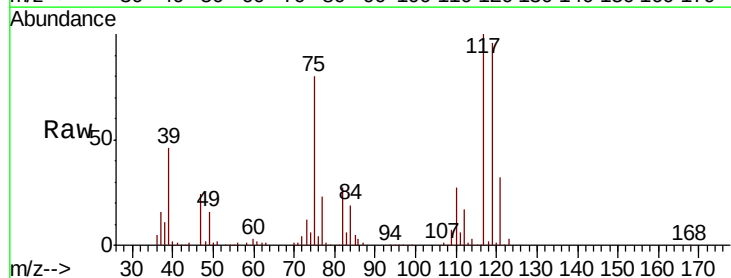
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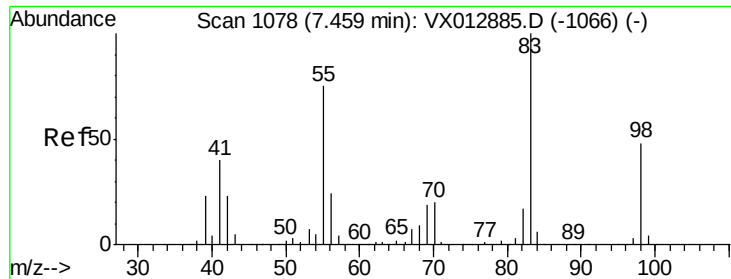
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#38
Carbon Tetrachloride
Concen: 52.972 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	74.5	111.7
121	32.1	24.2	36.4





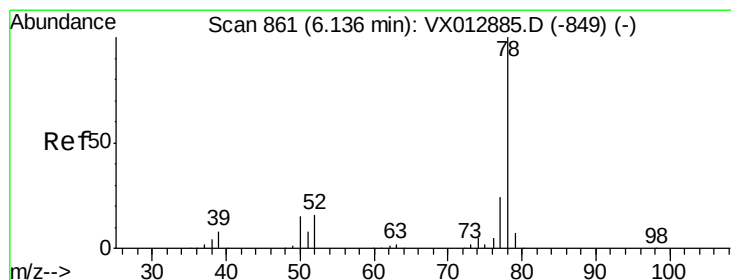
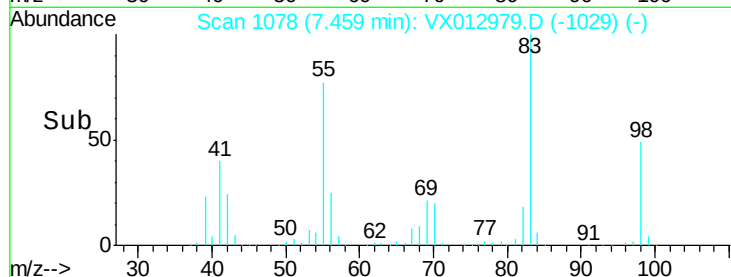
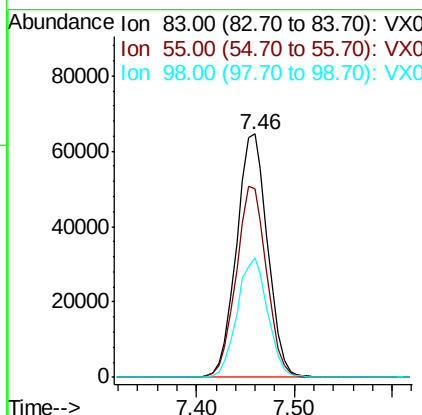
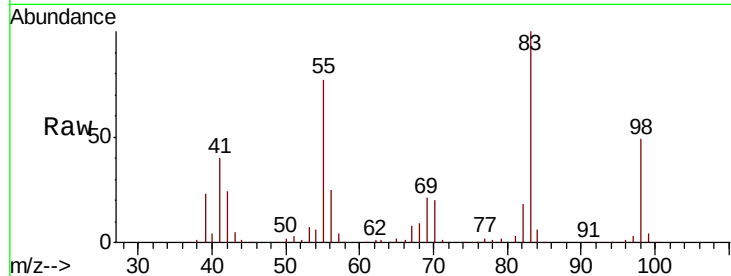
#39
Methylvlcyclohexane
Concen: 47.449 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	60.2	90.4
98	49.2	38.5	57.7

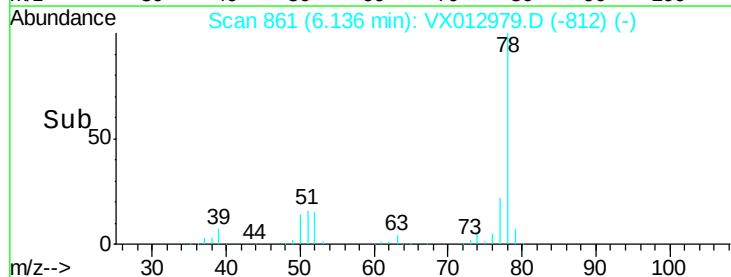
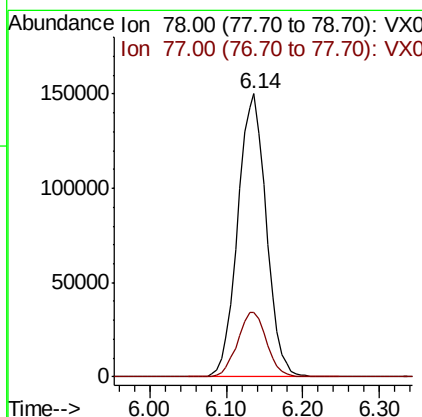
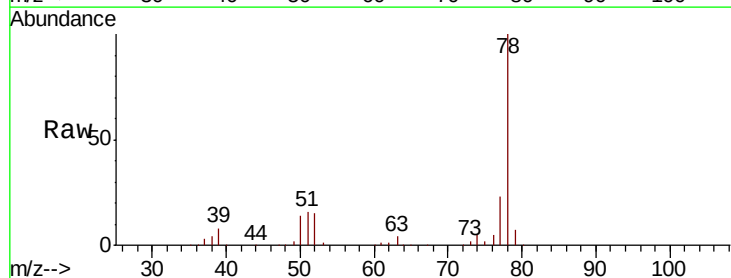
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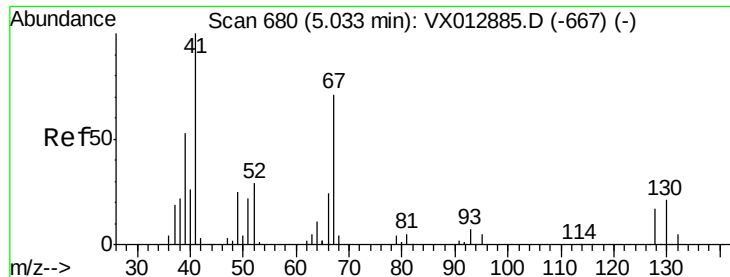
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#40
Benzene
Concen: 53.223 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.4





#41

Methacrylonitrile

Concen: 53.188 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MSD

Tot Ion: 41 Resp: 80635
Ion Ratio Lower Upper

41 100

39 54.3 44.0 66.0

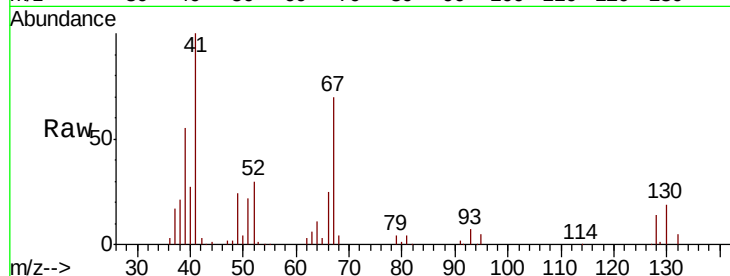
67 74.5 58.5 87.7

52 30.2 23.8 35.8

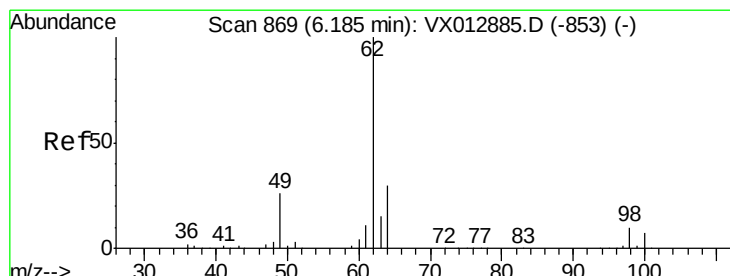
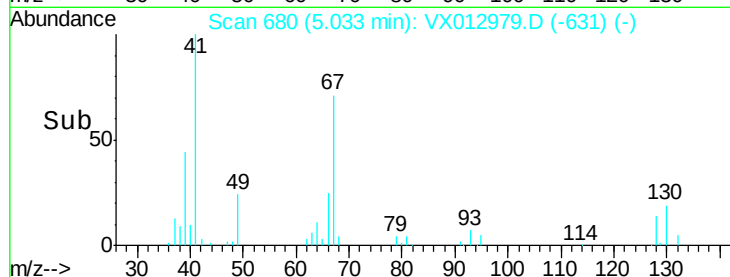
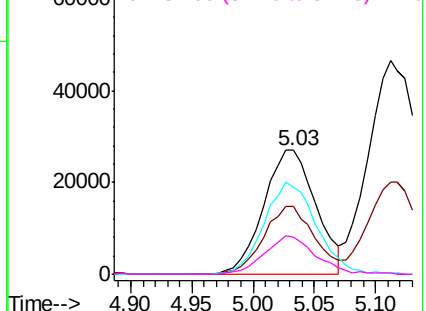
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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.850 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

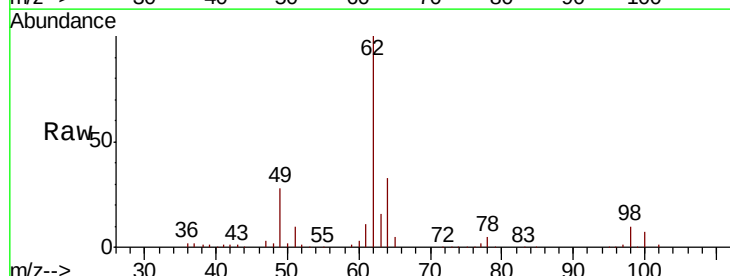
Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

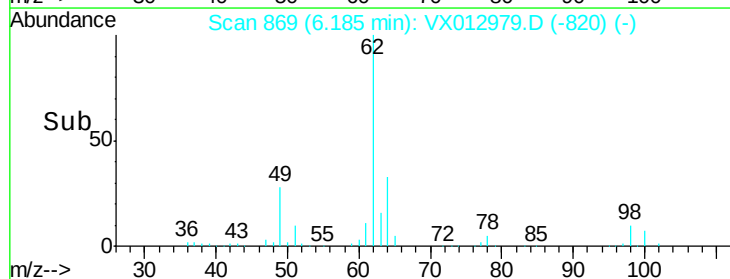
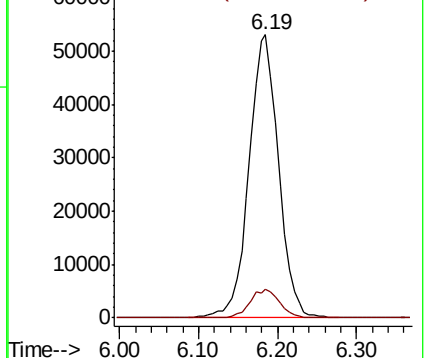
Tgt Ion: 62 Resp: 138200
Ion Ratio Lower Upper

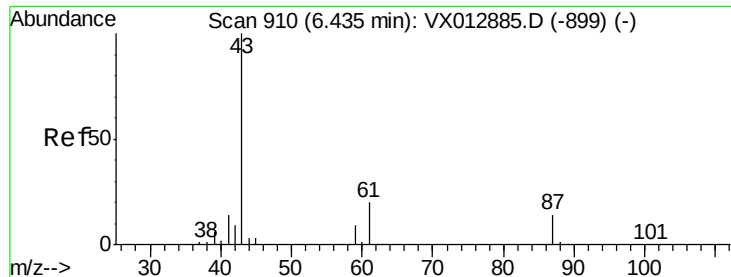
62 100

98 9.9 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.791 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

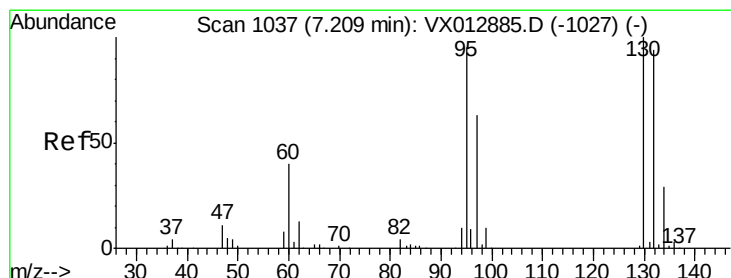
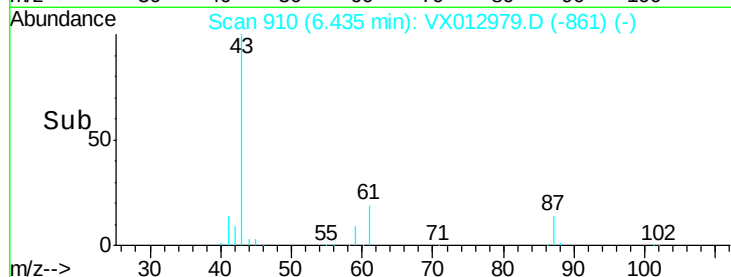
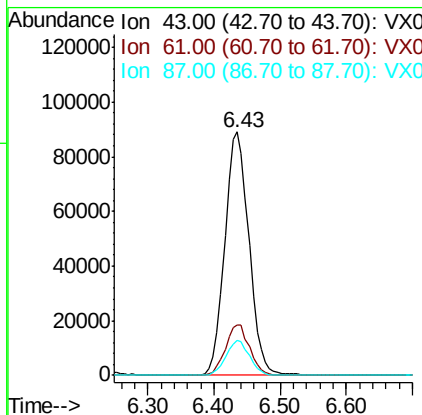
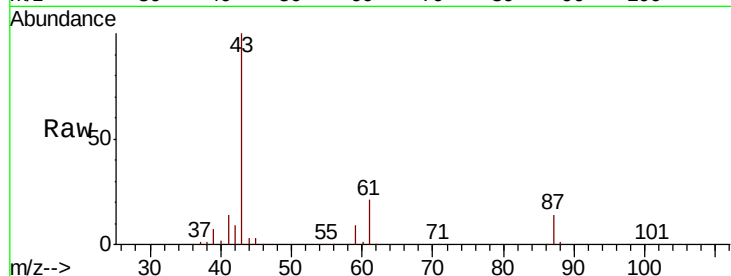
ClientSampleId :

FA19-MMW0010MSD

Tot Ion:	43	Resp:	224919
Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.6	24.8
87	14.1	11.0	16.6

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#44

Trichloroethene

Concen: 50.693 ug/l

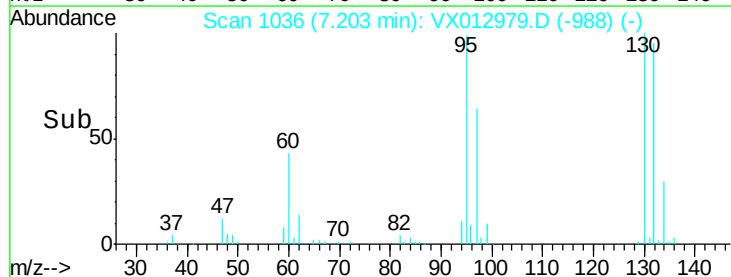
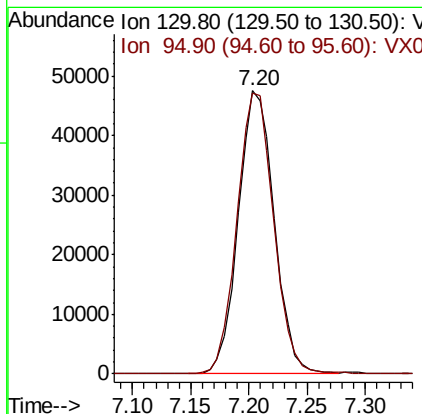
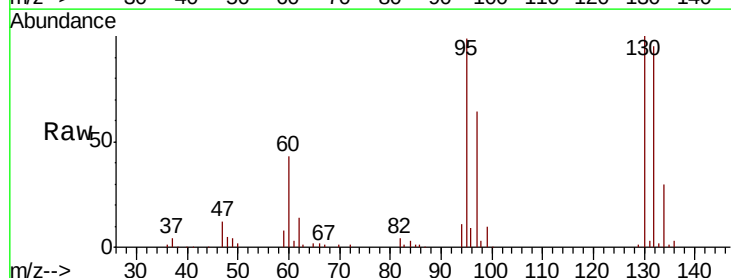
RT: 7.20 min Scan# 1036

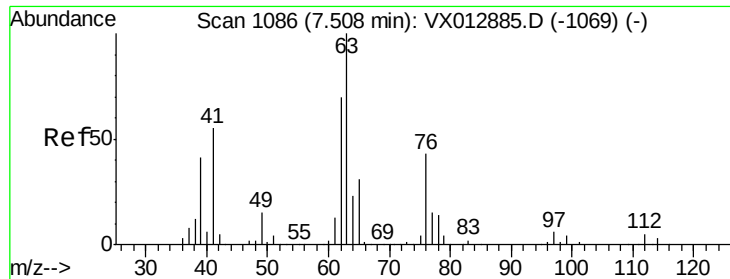
Delta R.T. -0.01 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Tgt Ion:	130	Resp:	102442
Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	189.2





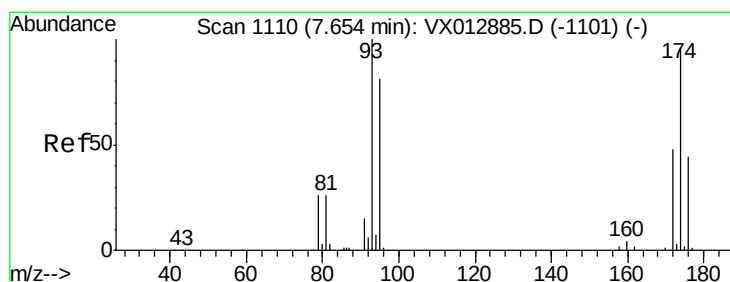
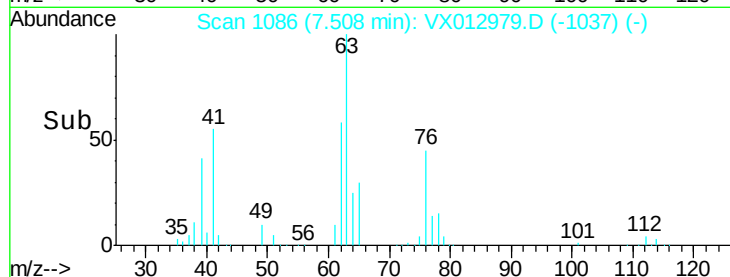
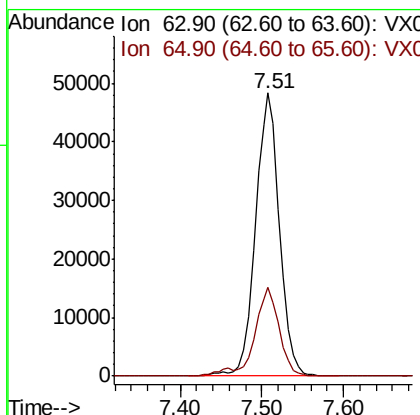
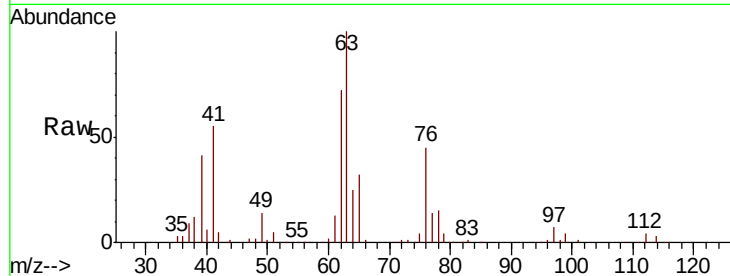
#45
 1,2-Dichloropropane
 Concen: 53.231 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.6	37.0

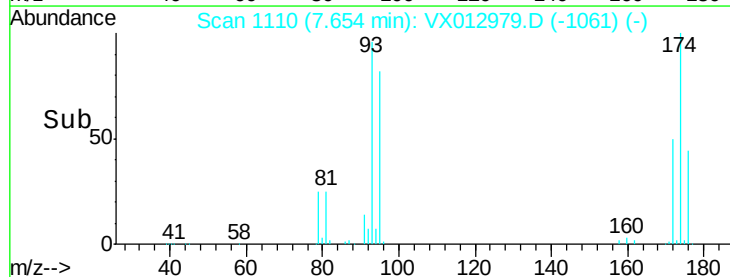
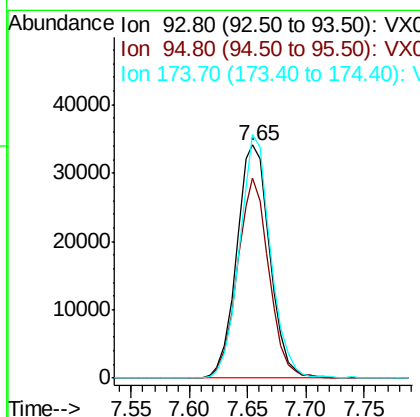
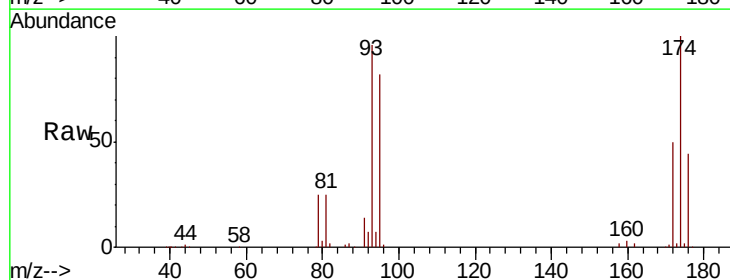
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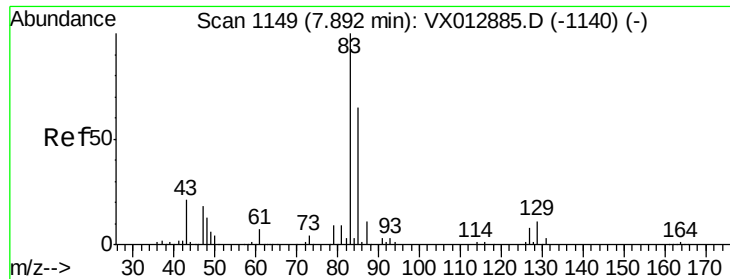
MMDadoda
 10/10/2019 9:04:54 AM



#46
 Dibromomethane
 Concen: 54.488 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	66.3	99.5
174	98.3	77.8	116.6





#47

Bromodichloromethane

Concen: 55.168 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

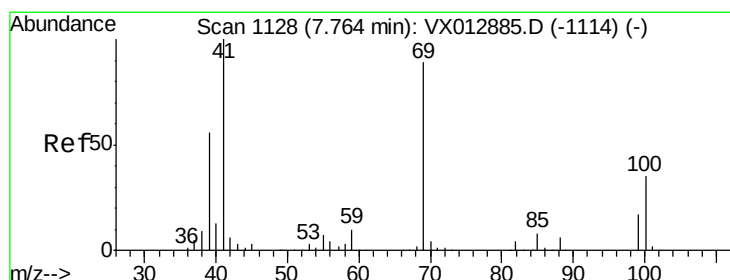
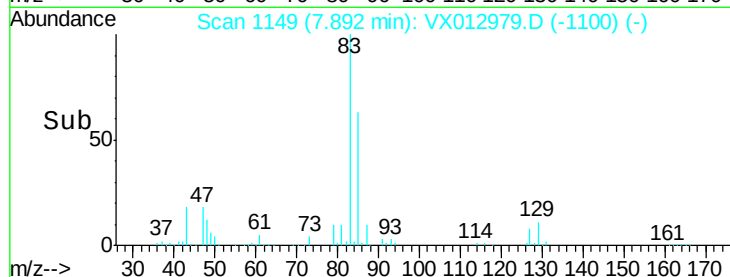
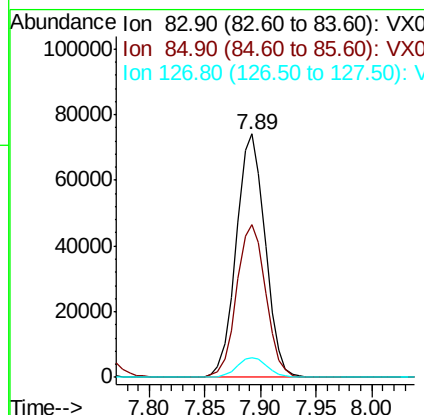
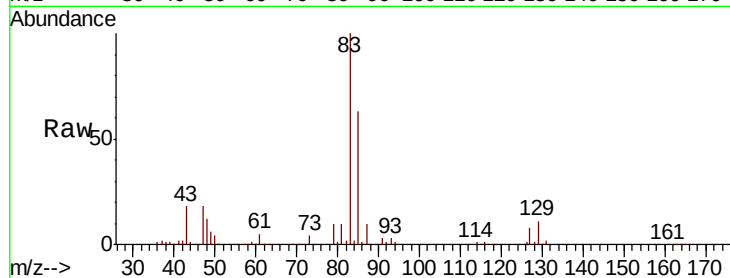
ClientSampleId :

FA19-MMW0010MSD

Tot Ion:	83	Resp:	133226
Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.4	78.6
127	8.2	6.6	10.0

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#48

Methyl methacrylate

Concen: 53.175 ug/l

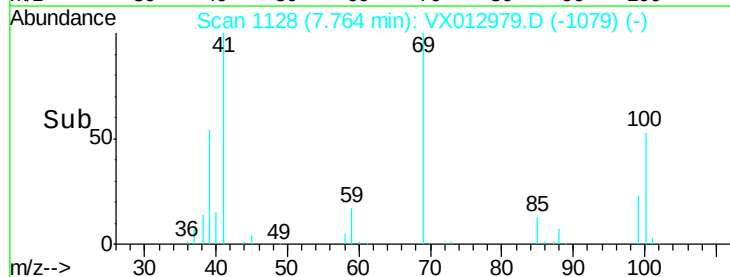
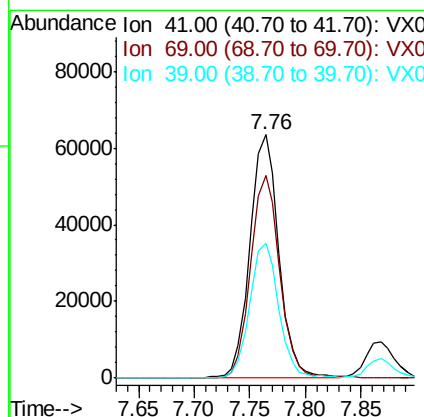
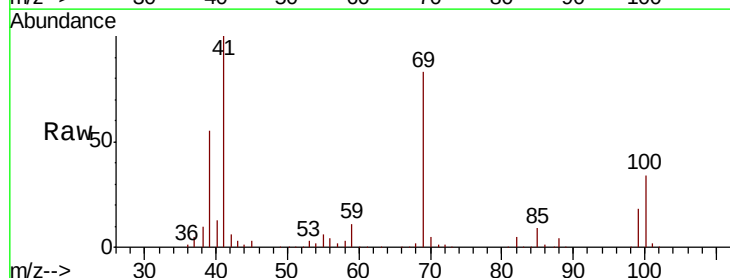
RT: 7.76 min Scan# 1128

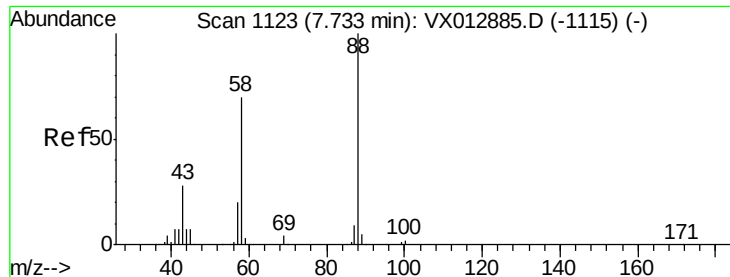
Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Tgt Ion:	41	Resp:	114749
Ion	Ratio	Lower	Upper
41	100		
69	84.5	68.7	103.1
39	56.1	44.3	66.5





#49

1,4-Dioxane

Concen: 1027.488 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

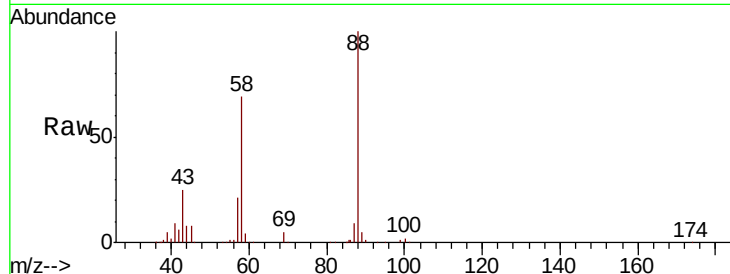
ClientSampleId :

FA19-MMW0010MSD

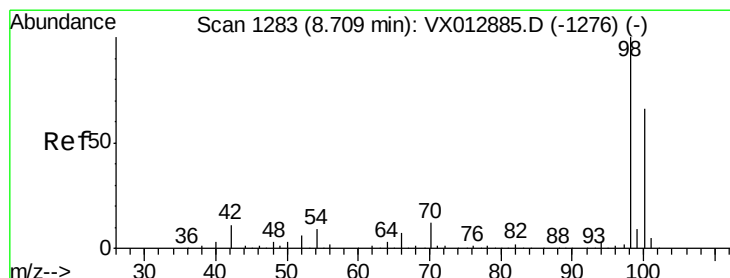
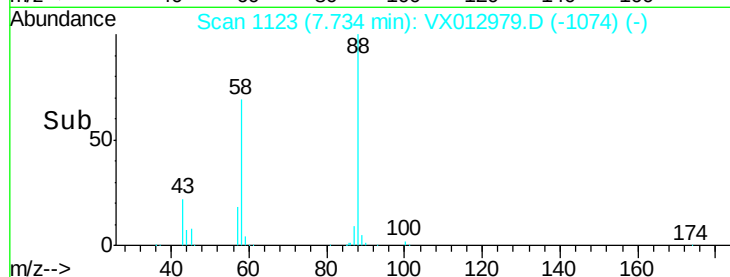
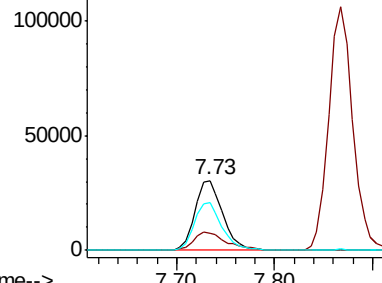
Tot Ion:	88	Resp:	59560
Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.0	37.6
58	70.1	55.4	83.2

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



#50

Toluene-d8

Concen: 50.355 ug/l

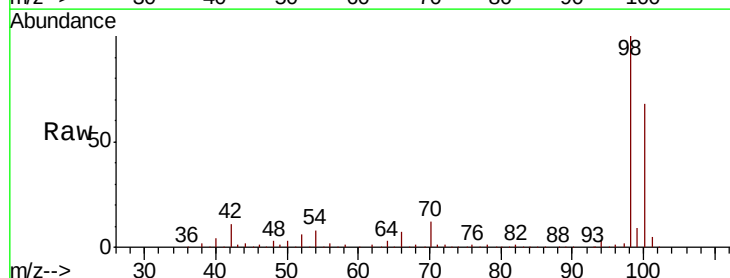
RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

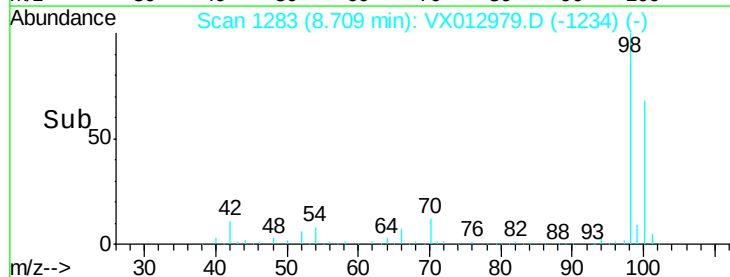
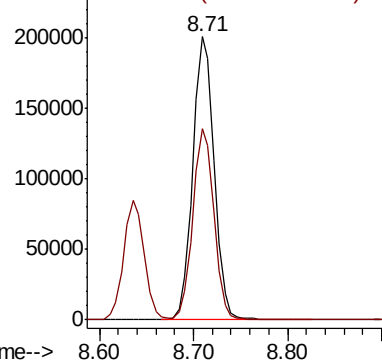
Lab File: VX012979.D

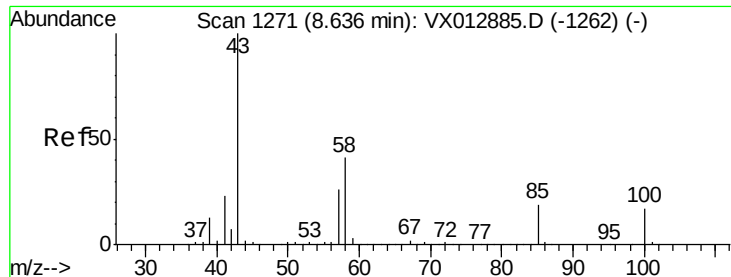
Acq: 10 Oct 2019 06:29

Tgt Ion:	98	Resp:	316337
Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2



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





#51

4-Methyl-2-Pentanone

Concen: 270.878 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MSD

Tot Ion: 43 Resp: 747881

Ion Ratio Lower Upper

43 100

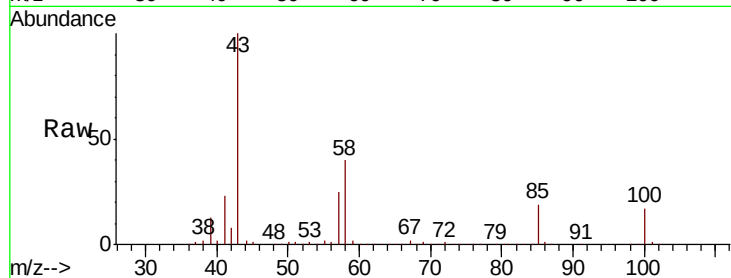
58 40.7 32.4 48.6

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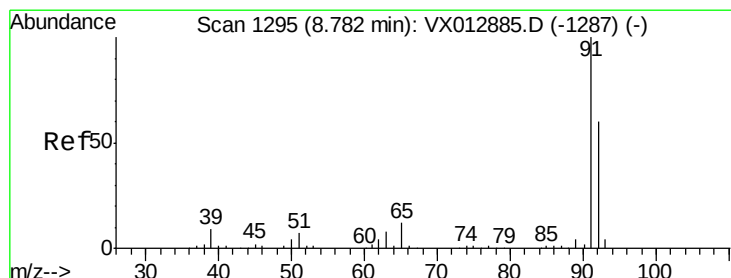
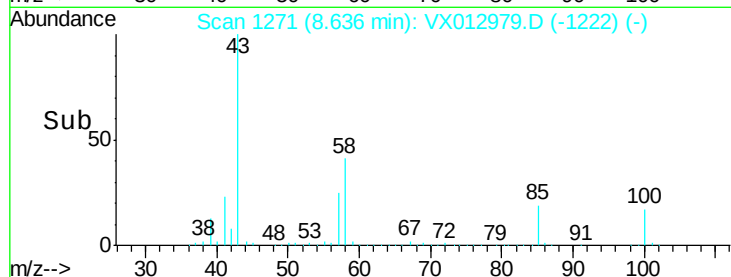
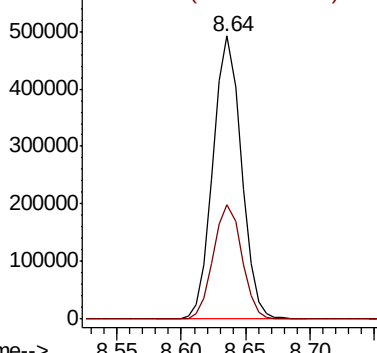
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.526 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012979.D

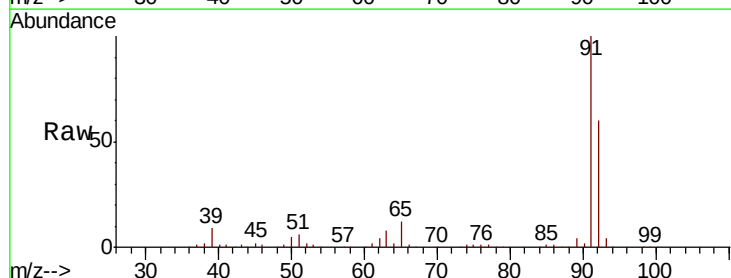
Acq: 10 Oct 2019 06:29

Tgt Ion: 92 Resp: 244885

Ion Ratio Lower Upper

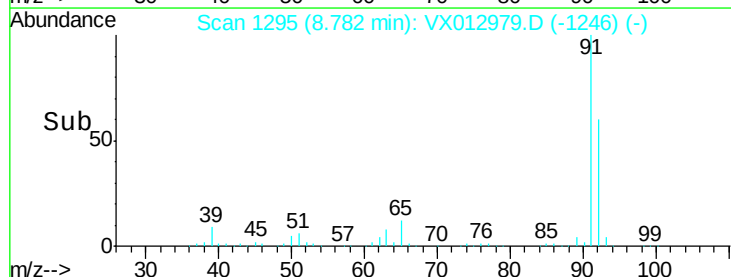
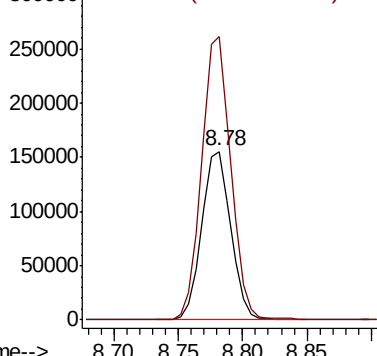
92 100

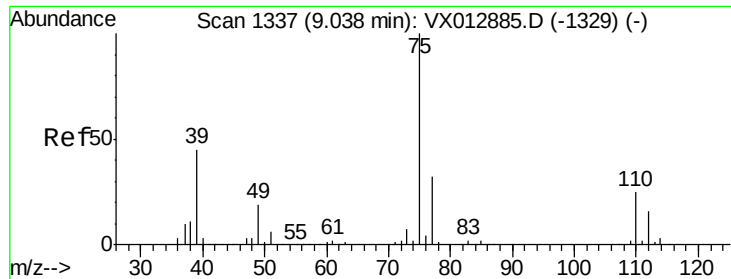
91 169.0 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





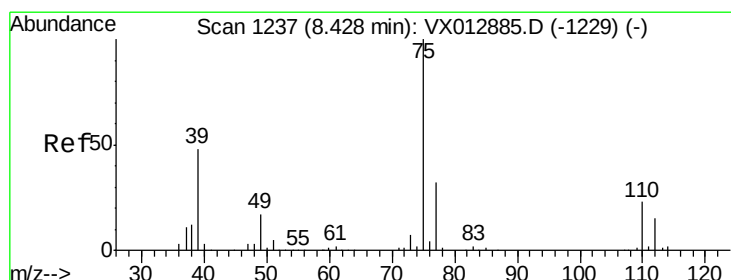
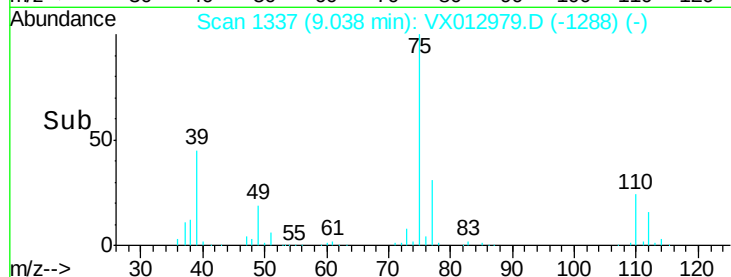
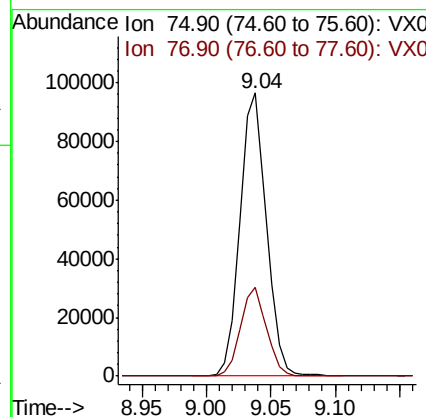
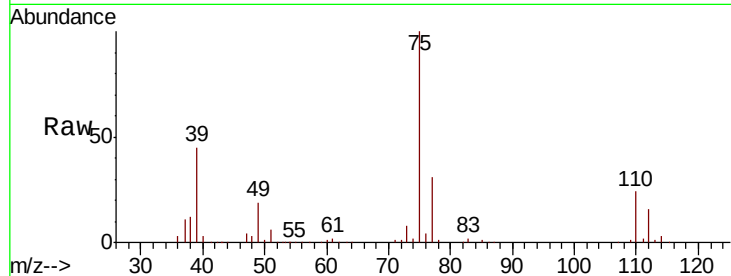
#53
 t-1,3-Dichloropropene
 Concen: 45.920 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MSD

Tot Ion: 75 Resp: 137835
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.6

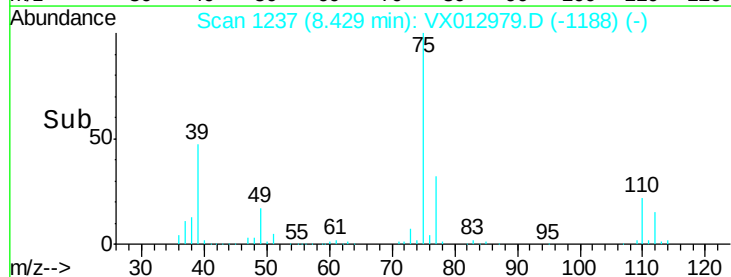
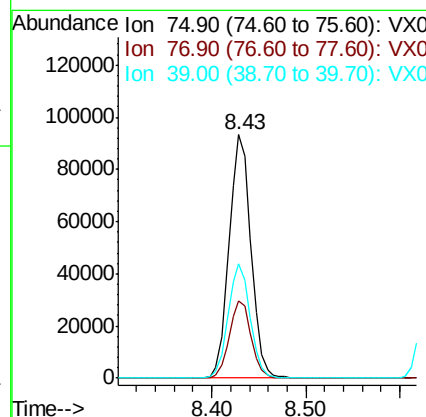
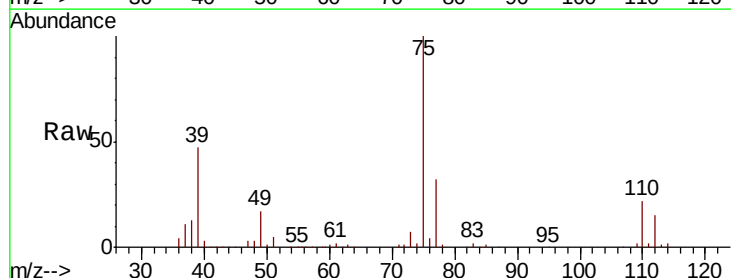
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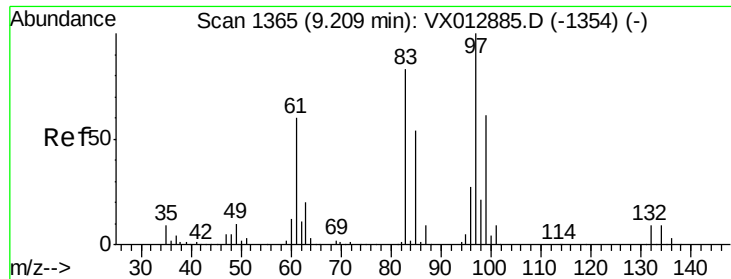
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#54
 cis-1,3-Dichloropropene
 Concen: 50.531 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Tgt Ion: 75 Resp: 150085
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.8
 39 46.9 38.2 57.2





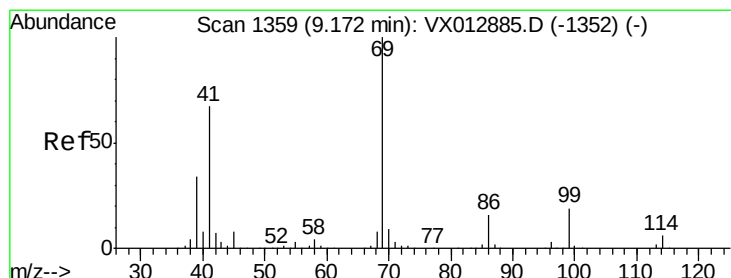
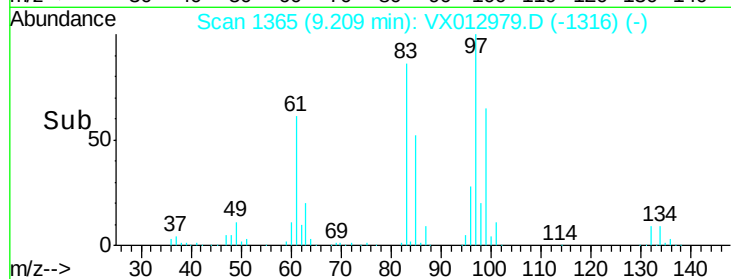
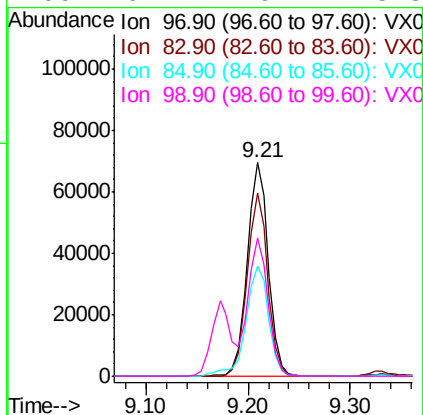
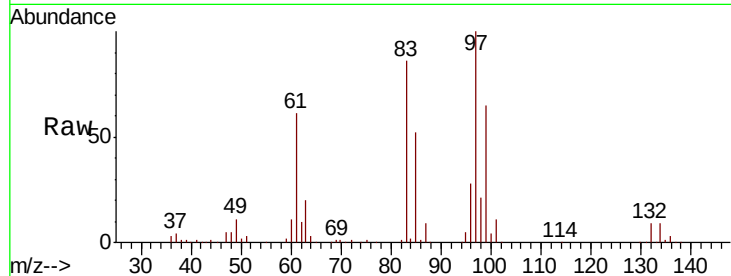
#55
1,1,2-Trichloroethane
Concen: 53.961 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MSD

Tot Ion:	97	Resp:	99561
Ion Ratio	Lower	Upper	
97	100		
83	85.6	66.5	99.7
85	51.8	43.1	64.7
99	64.7	49.2	73.8

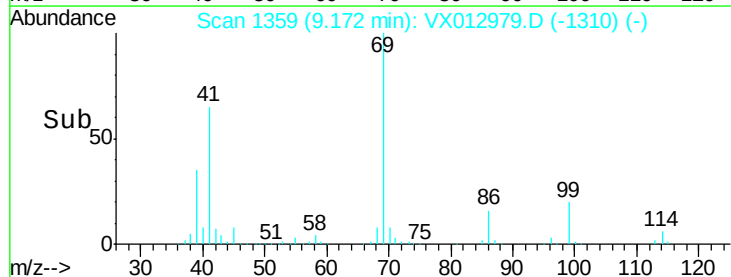
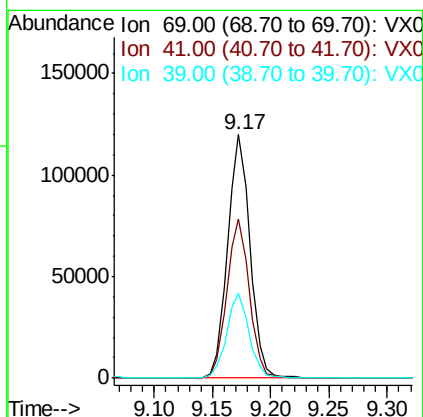
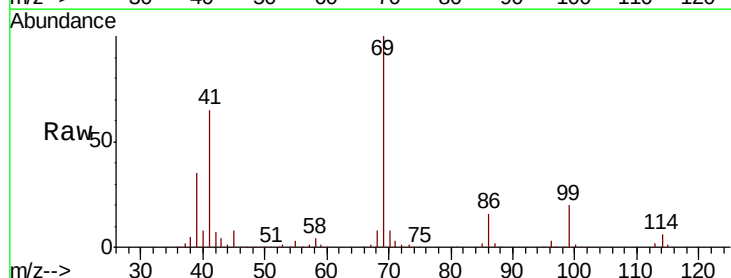
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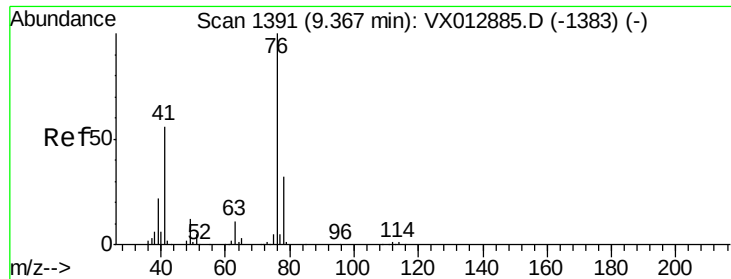
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#56
Ethyl methacrylate
Concen: 48.631 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Tgt Ion:	69	Resp:	160500
Ion Ratio	Lower	Upper	
69	100		
41	65.4	52.1	78.1
39	35.0	27.8	41.8





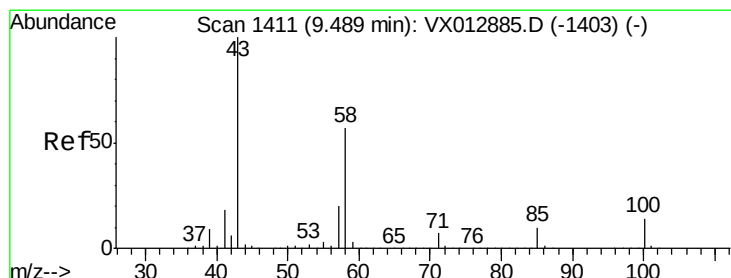
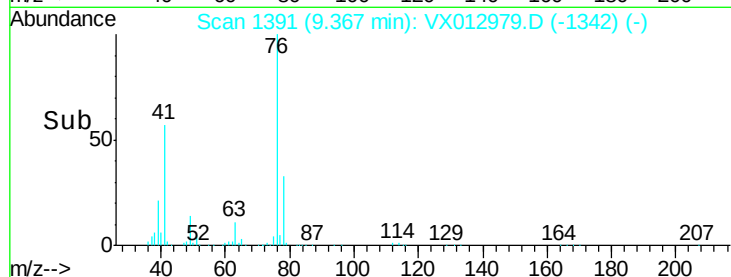
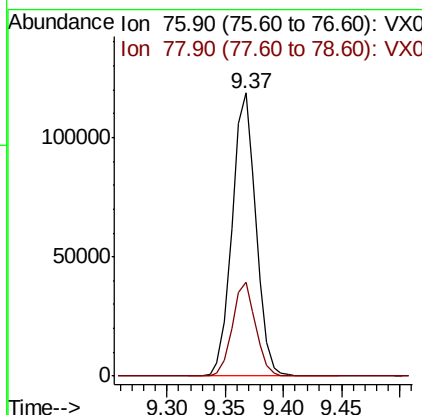
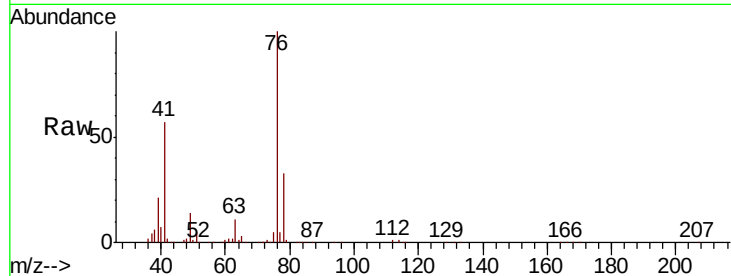
#57
 1,3-Dichloropropane
 Concen: 53.059 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.1	39.1

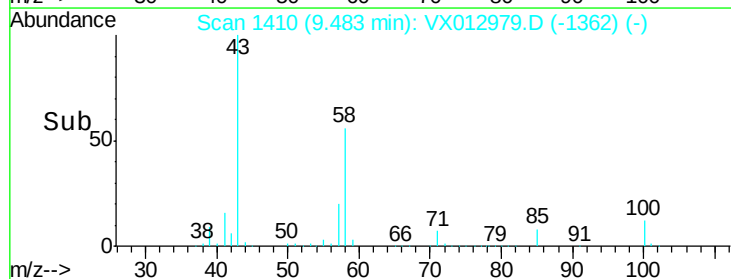
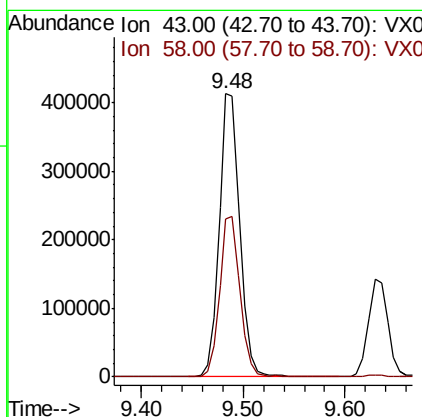
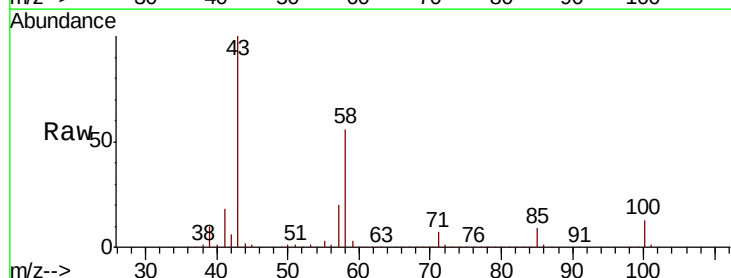
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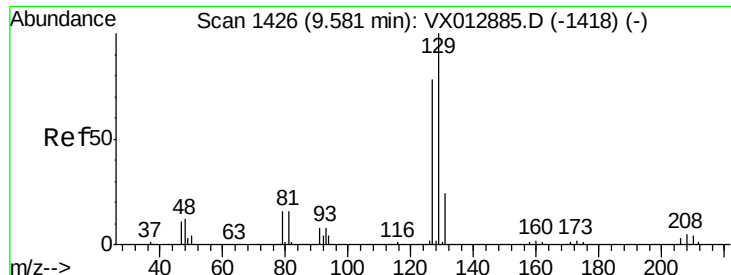
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 10/10/2019 9:04:54 AM



#59
 2-Hexanone
 Concen: 270.943 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.2	28.1	84.3





#60

Dibromochloromethane

Concen: 48.461 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MSD

Tot Ion:129 Resp: 99378

Ion Ratio Lower Upper

129 100

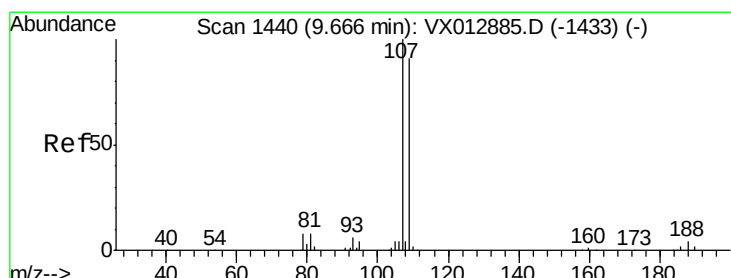
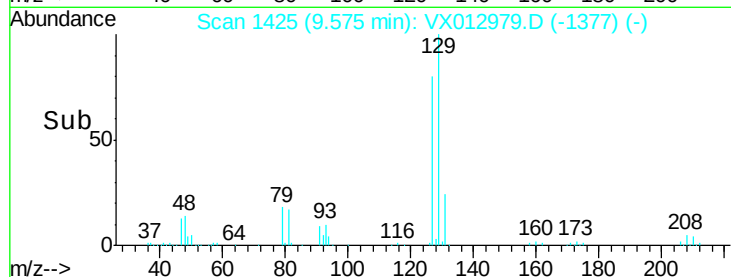
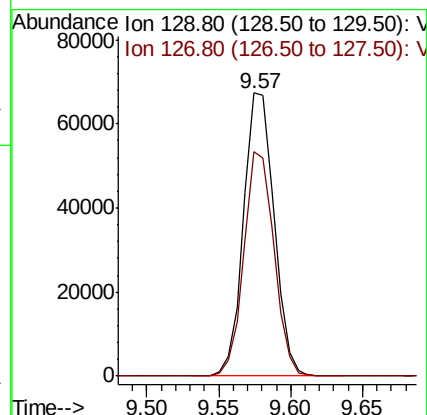
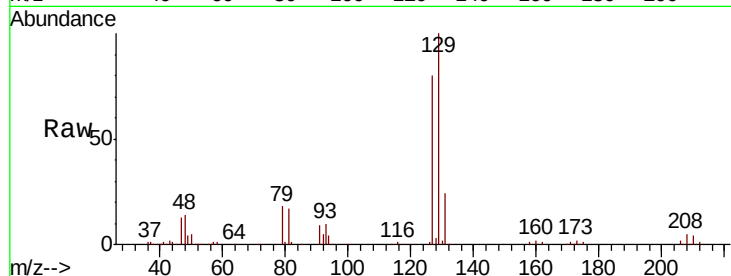
127 78.1 38.9 116.7

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 53.658 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012979.D

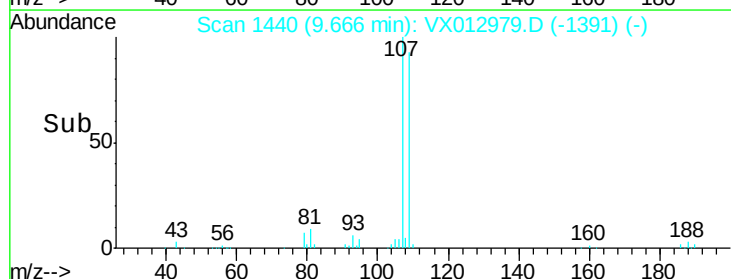
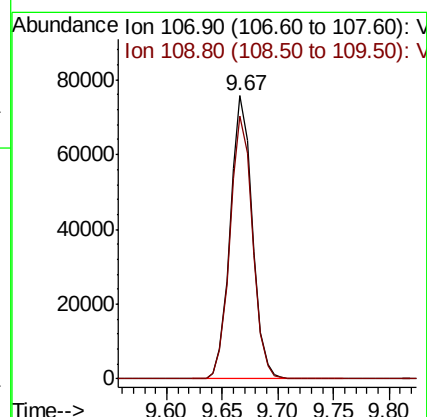
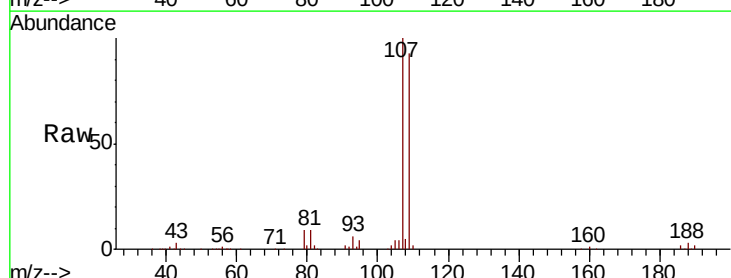
Acq: 10 Oct 2019 06:29

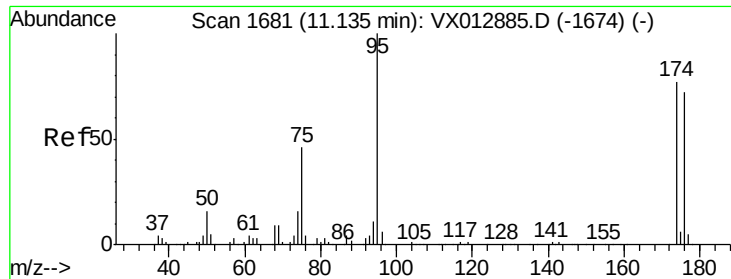
Tgt Ion:107 Resp: 104144

Ion Ratio Lower Upper

107 100

109 94.3 75.8 113.6





#62

4-Bromofluorobenzene

Concen: 49.555 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

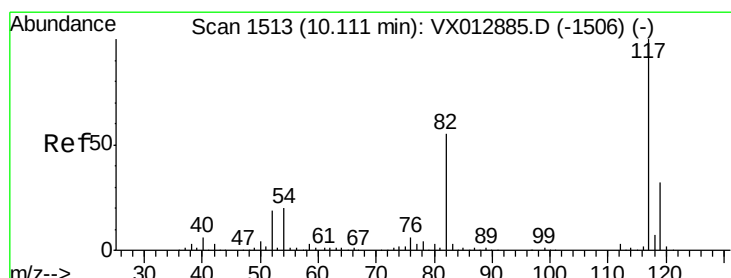
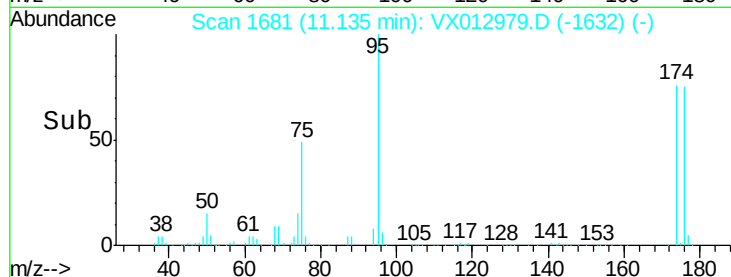
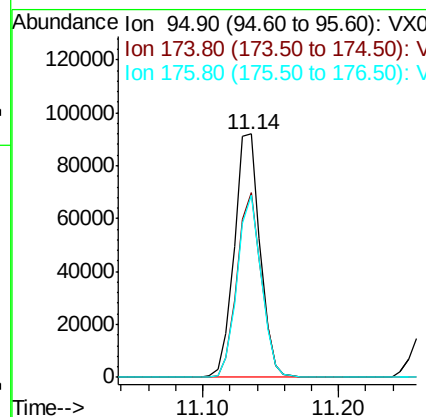
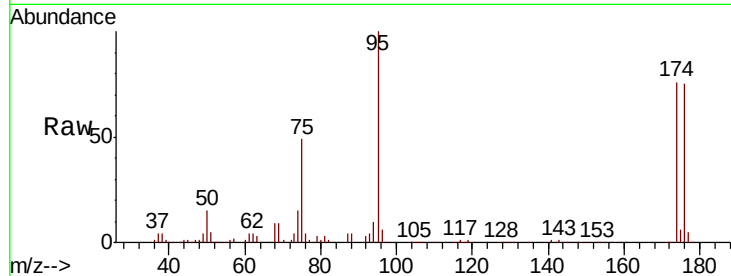
ClientSampleId :

FA19-MMW0010MSD

Tot Ion:	95	Resp:	120964
Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	143.4
176	70.2	0.0	136.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

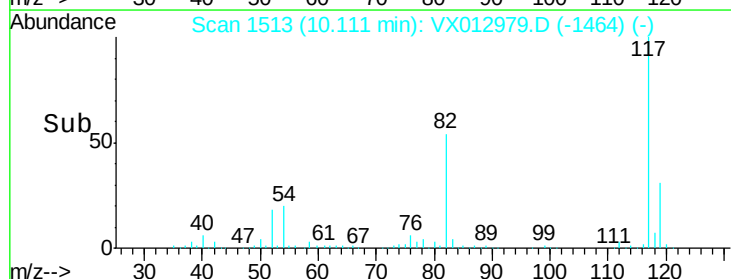
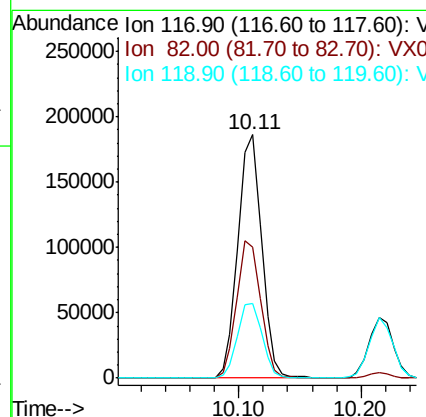
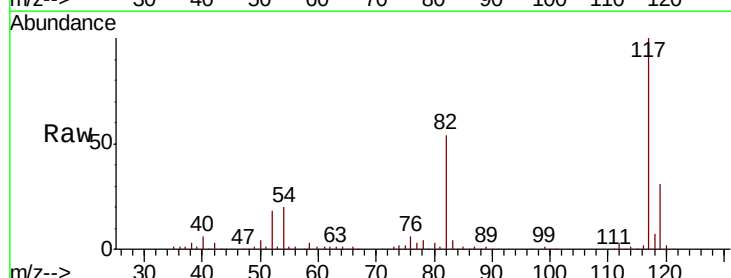
RT: 10.11 min Scan# 1513

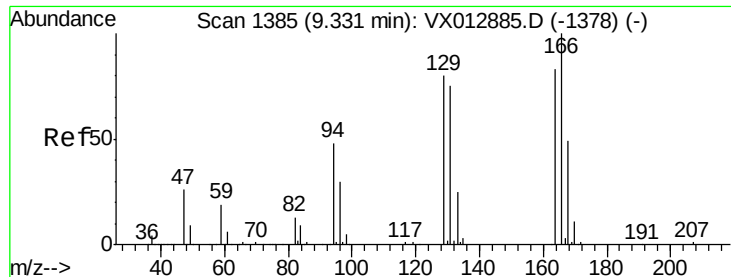
Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Tgt Ion:	117	Resp:	250667
Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.1	66.1
119	30.8	25.8	38.8





#64

Tetrachloroethene

Concen: 53.725 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

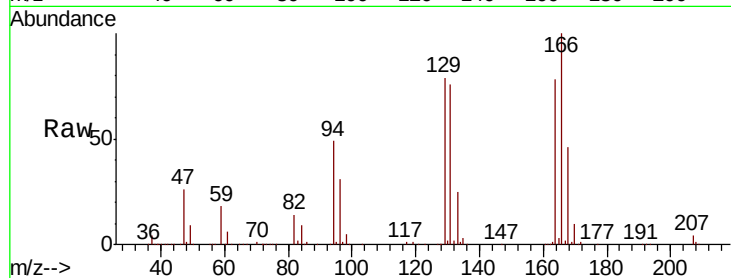
ClientSampleId :

FA19-MMW0010MSD

Tot Ion:	164	Resp:	93407
Ion	Ratio	Lower	Upper
164	100		
166	128.6	96.9	145.3
129	102.1	77.9	116.9
131	97.3	72.7	109.1

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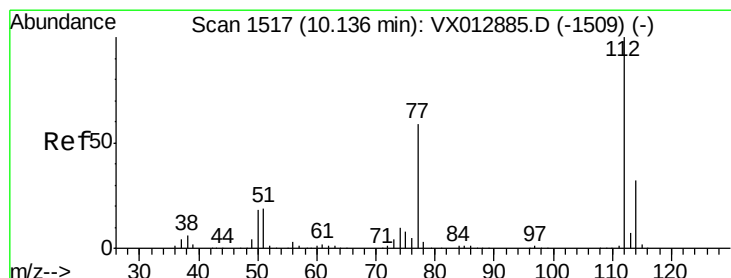
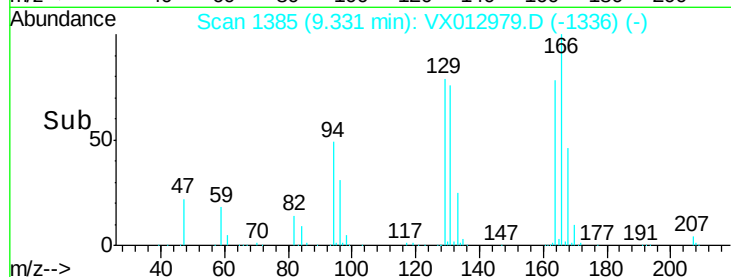
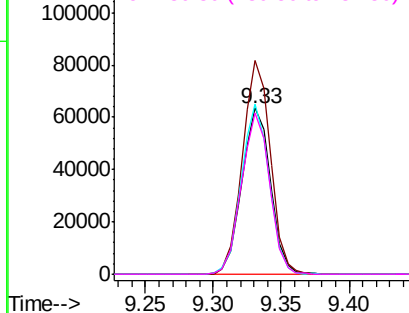
Abundance

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: 51.356 ug/l

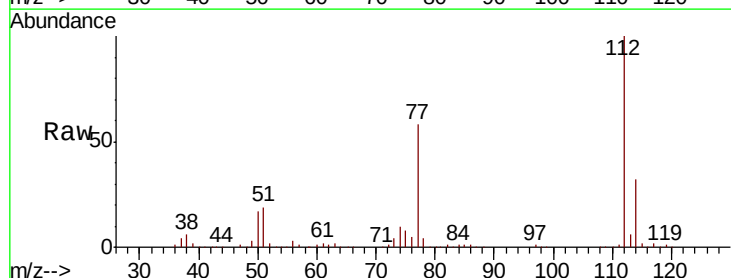
RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

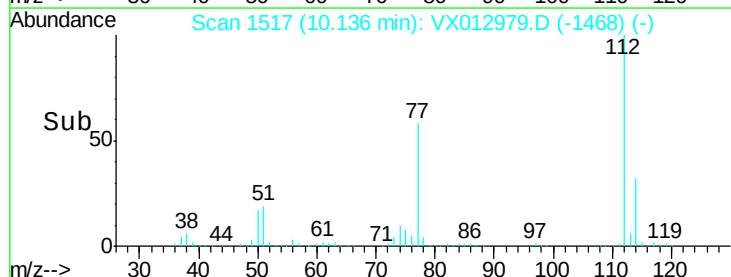
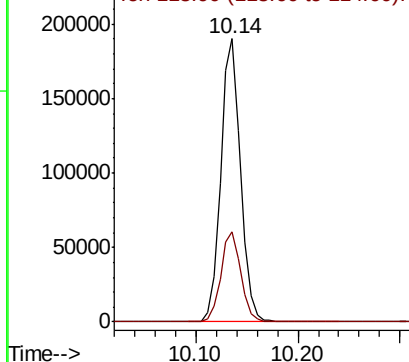
Tgt Ion:	112	Resp:	255642
Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.7	38.5

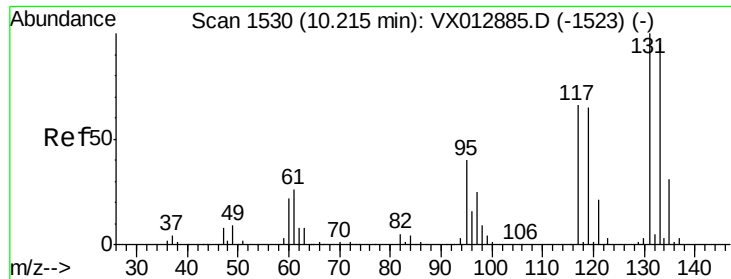


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





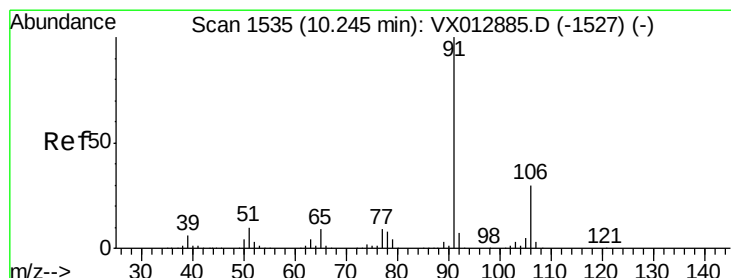
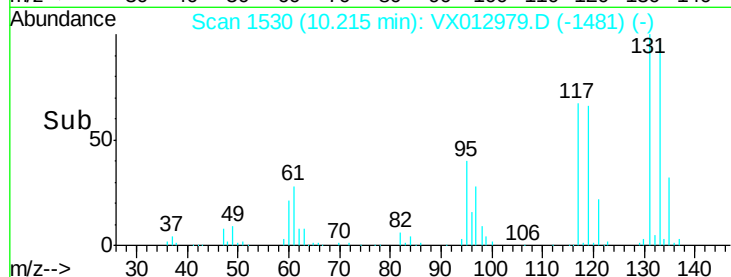
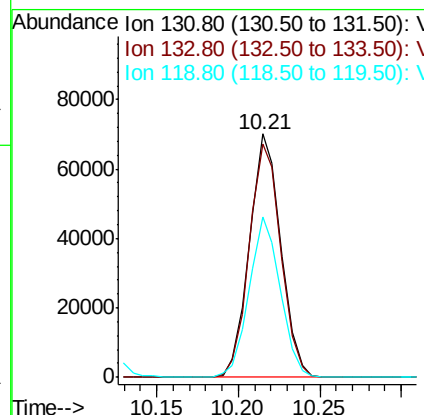
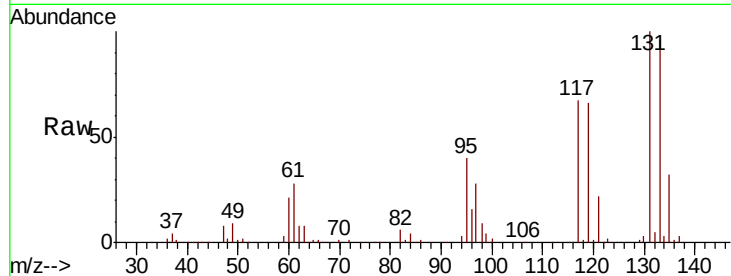
#66
 1,1,1,2-Tetrachloroethane
 Concen: 54.583 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.2	141.6
119	65.5	32.6	98.0

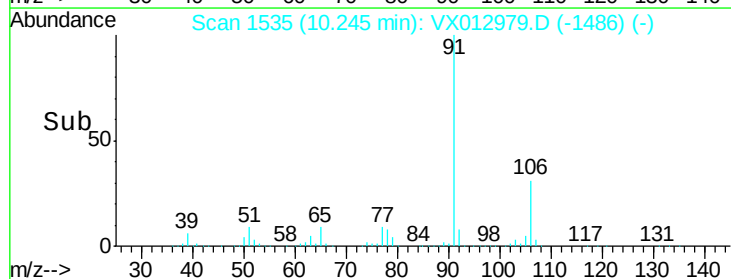
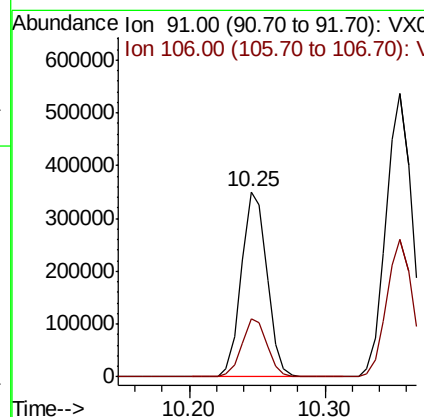
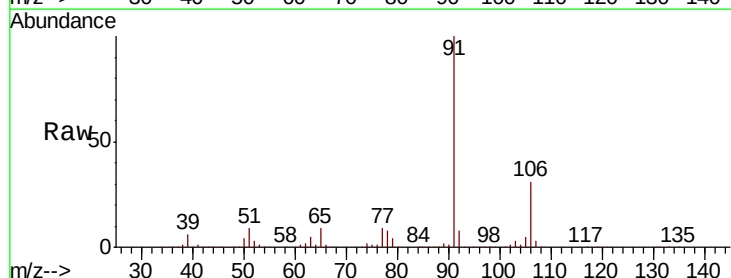
Manual Integrations
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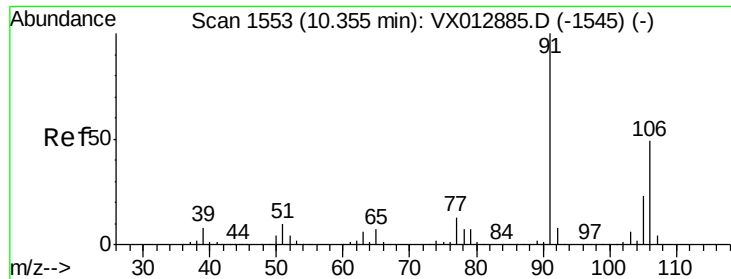
MMDadoda
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#67
 Ethyl Benzene
 Concen: 52.216 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	23.9	35.9





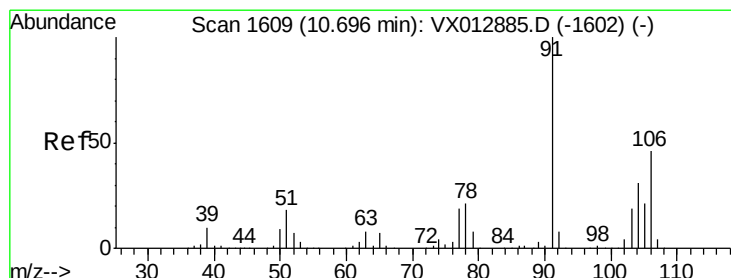
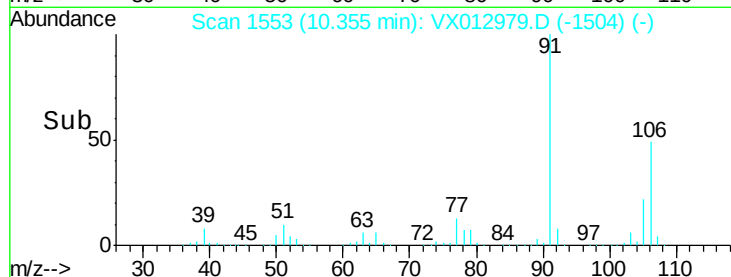
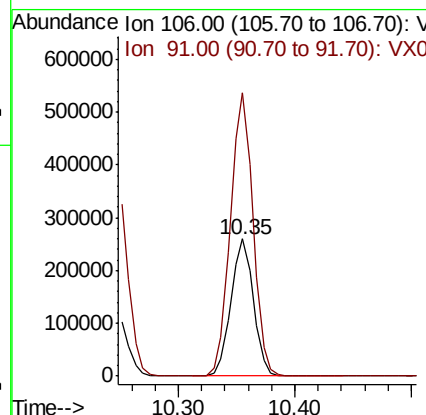
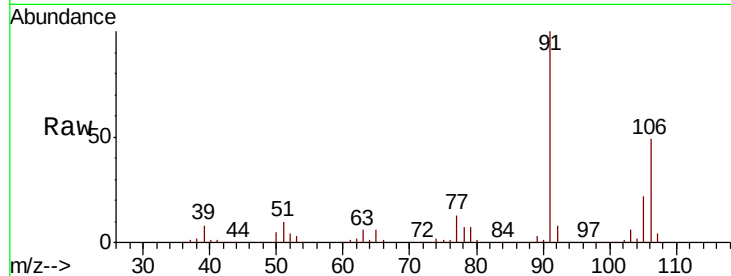
#68
m/p-Xylenes
Concen: 105.591 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MSD

Tot Ion:106 Resp: 348792
Ion Ratio Lower Upper
106 100
91 207.0 165.3 247.9

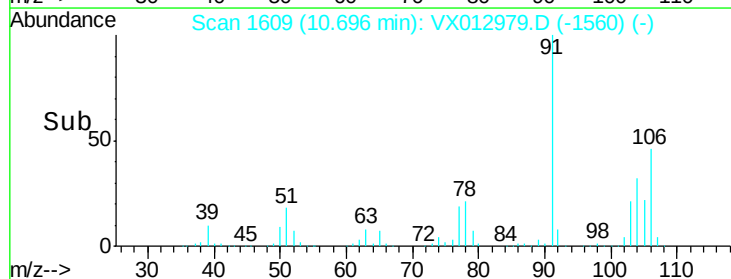
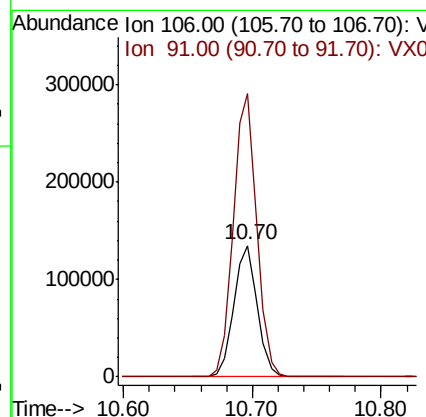
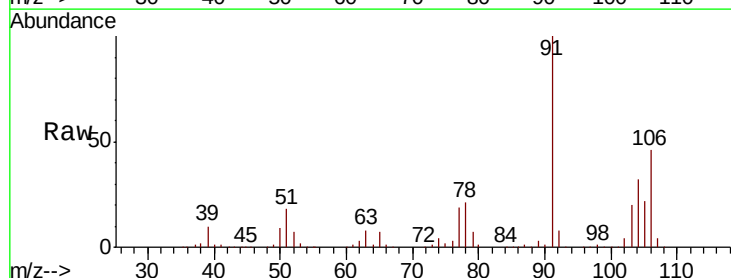
Manual Integrations
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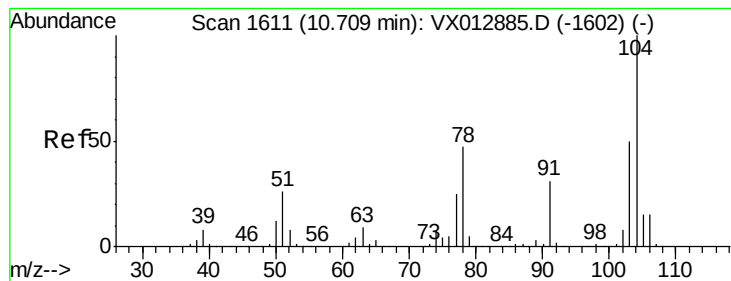
MMDadoda
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#69
o-Xylene
Concen: 53.356 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Tgt Ion:106 Resp: 171873
Ion Ratio Lower Upper
106 100
91 216.0 109.1 327.3





#70

Stvrene

Concen: 54.018 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MSD

Tot Ion:104 Resp: 295814

Ion Ratio Lower Upper

104 100

78 51.9 41.2 61.8

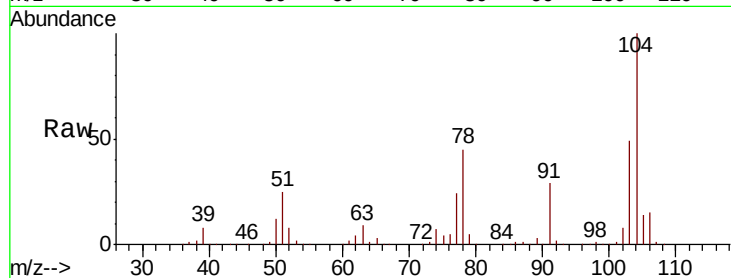
103 53.6 43.0 64.4

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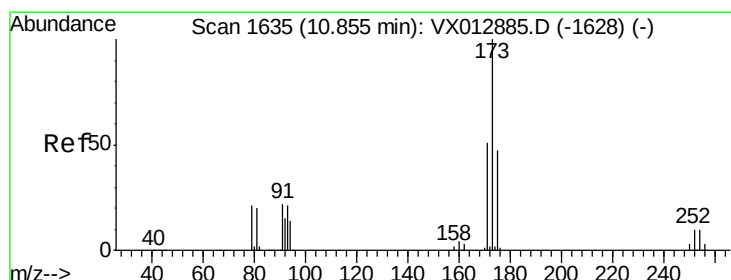
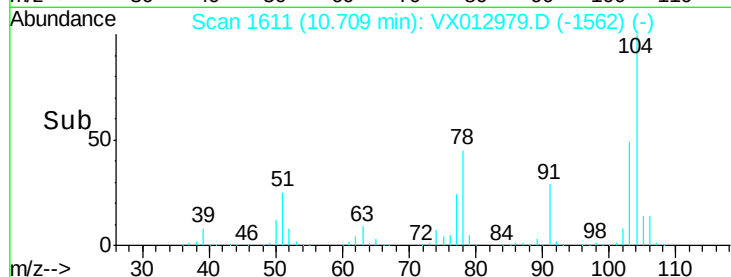
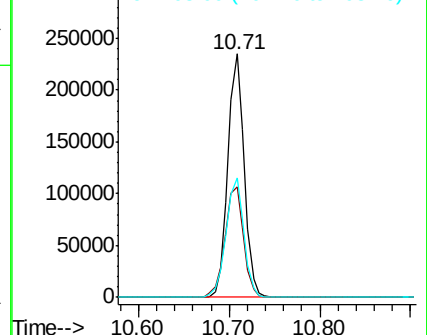
10/10/2019 9:04:54 AM



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 47.151 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

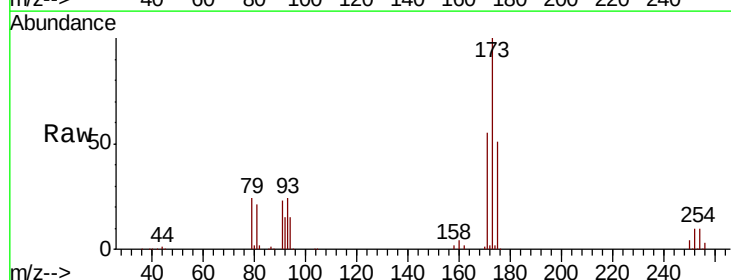
Tgt Ion:173 Resp: 69047

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.3

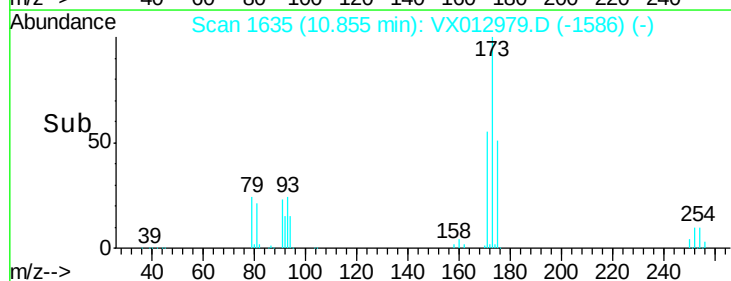
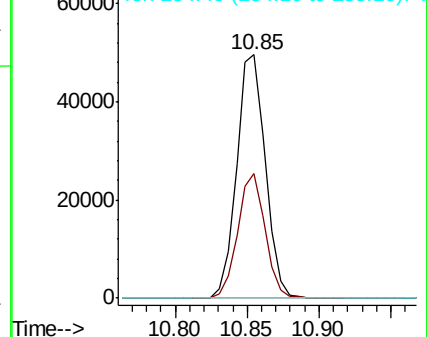
254 0.1 0.1 0.1

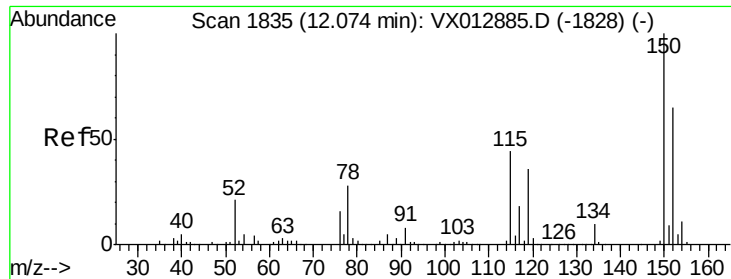


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MSD

Tot Ion:152 Resp: 116026

Ion Ratio Lower Upper

152 100

115 88.6 44.5 133.5

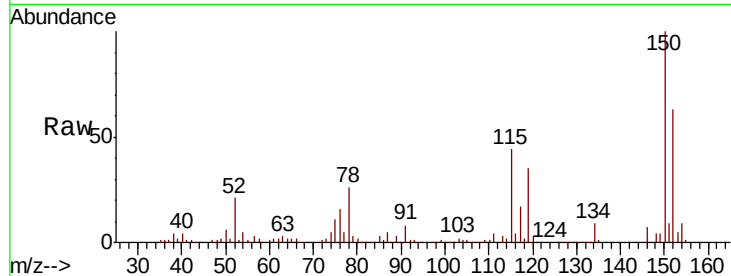
150 174.5 0.0 353.4

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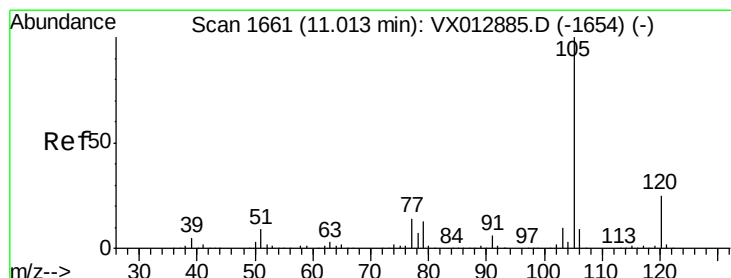
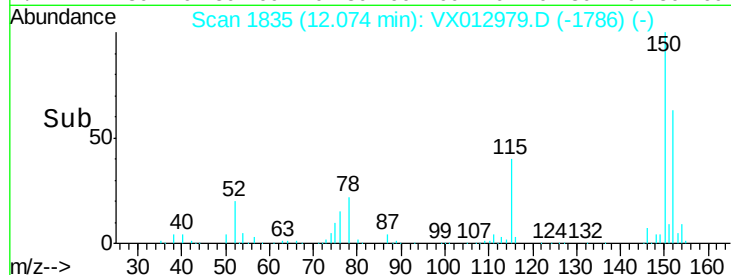
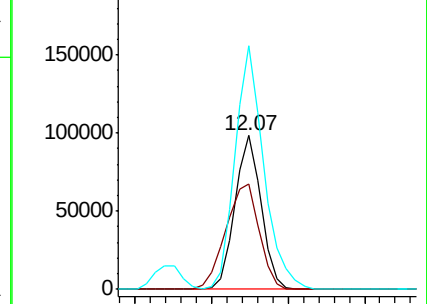
10/10/2019 9:04:54 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 52.890 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012979.D

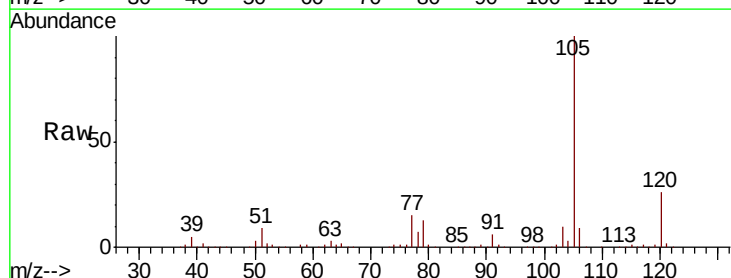
Acq: 10 Oct 2019 06:29

Tgt Ion:105 Resp: 451179

Ion Ratio Lower Upper

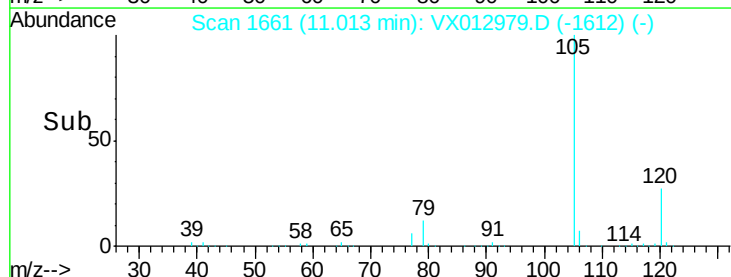
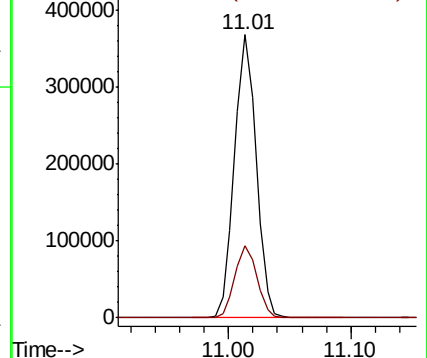
105 100

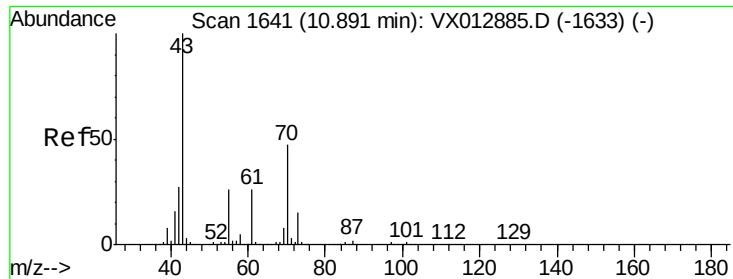
120 26.0 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





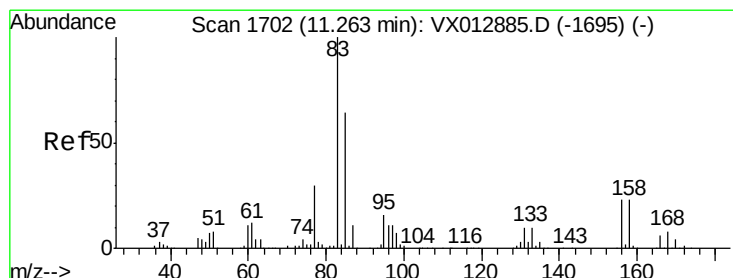
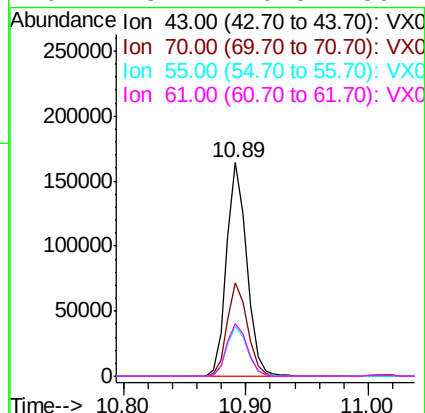
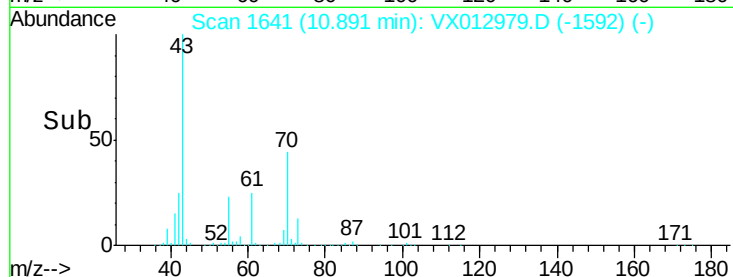
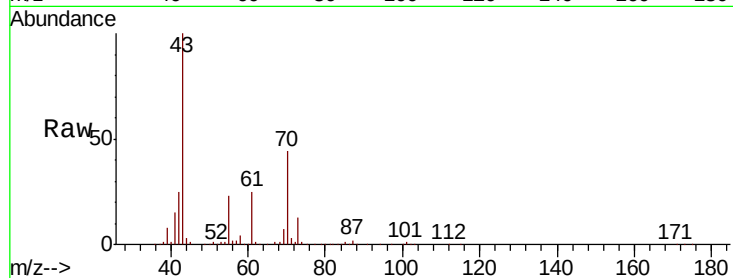
#74
N-amvl acetate
Concen: 51.246 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MSD

Tot Ion	43	Resp	188272
Ion Ratio	Lower	Upper	
43	100		
70	44.1	36.4	54.6
55	24.4	20.2	30.2
61	25.1	20.5	30.7

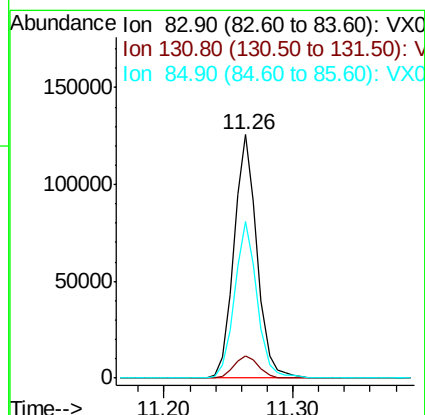
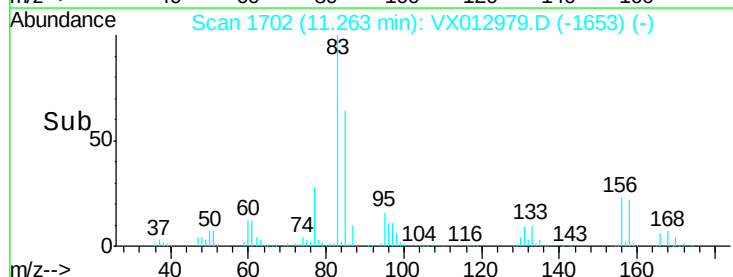
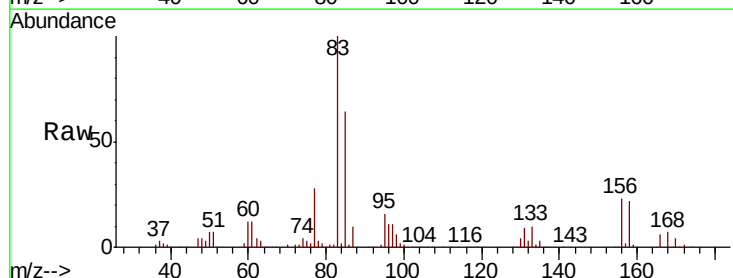
Manual Integrations
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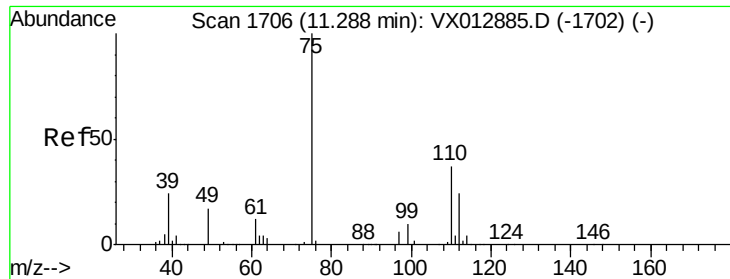
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#75
1,1,2,2-Tetrachloroethane
Concen: 55.439 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Tgt Ion	83	Resp	157293
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.1	15.3
85	63.1	32.1	96.5





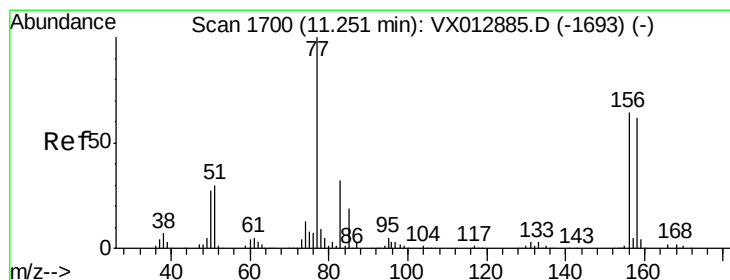
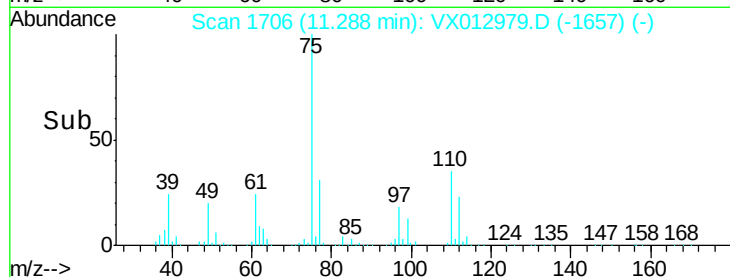
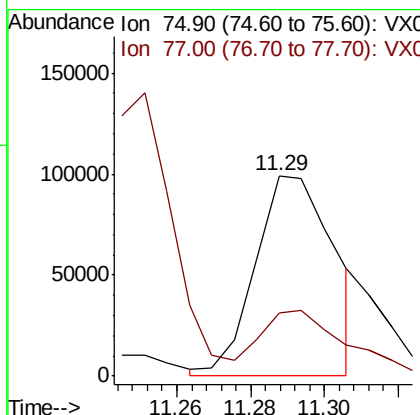
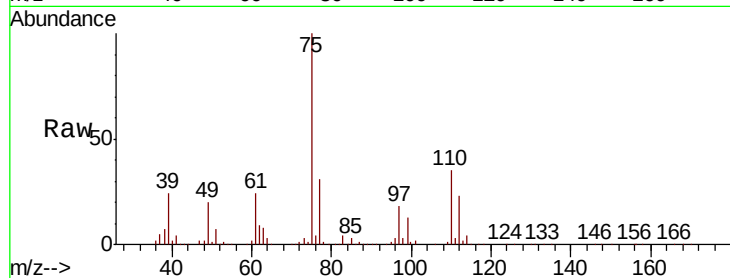
#76
 1,2,3-Trichloropropane
 Concen: 57.267 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MSD

Tot Ion: 75 Resp: 147373
 Ion Ratio Lower Upper
 75 100
 77 35.7 22.9 68.8

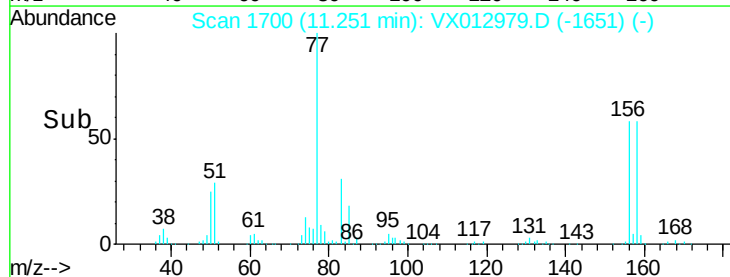
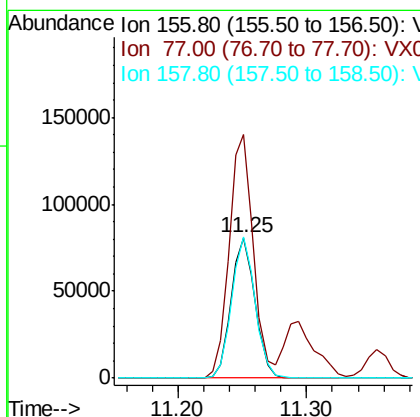
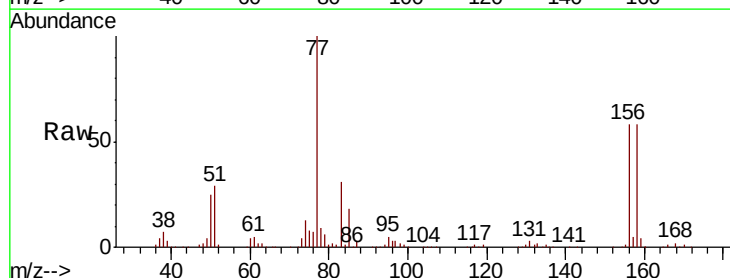
Manual Integrations
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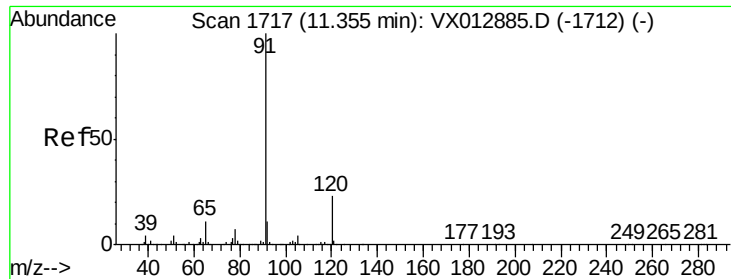
MMDadoda
 10/10/2019 9:04:54 AM



#77
 Bromobenzene
 Concen: 52.421 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Tgt Ion: 156 Resp: 105376
 Ion Ratio Lower Upper
 156 100
 77 175.5 83.7 251.0
 158 98.0 48.6 145.9





#78

n-propylbenzene

Concen: 52.581 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MSD

Tot Ion: 91 Resp: 493559

Ion Ratio Lower Upper

91 100

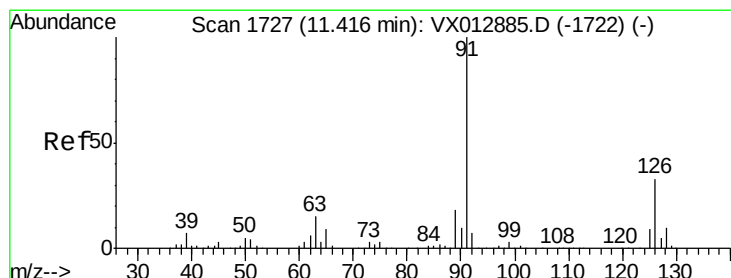
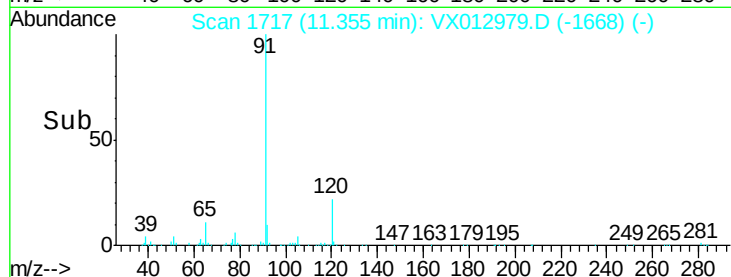
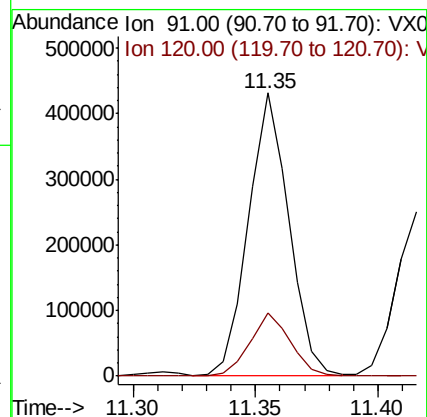
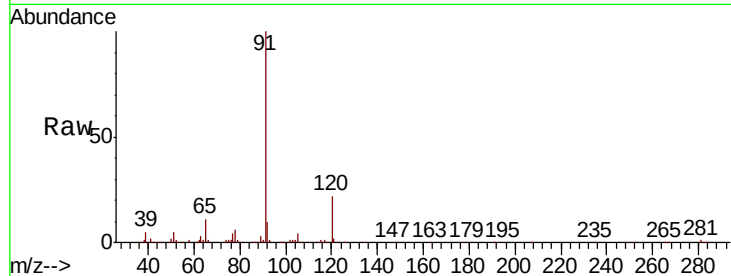
120 22.4 11.7 35.1

Manual Integrations

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#79

2-Chlorotoluene

Concen: 52.088 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012979.D

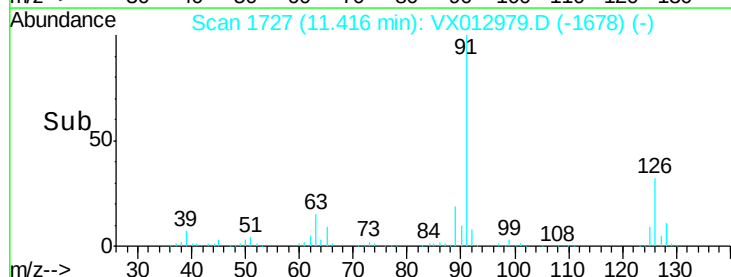
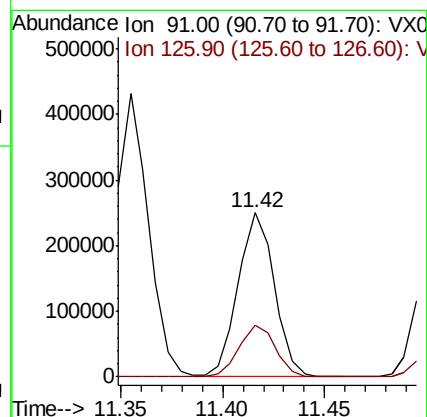
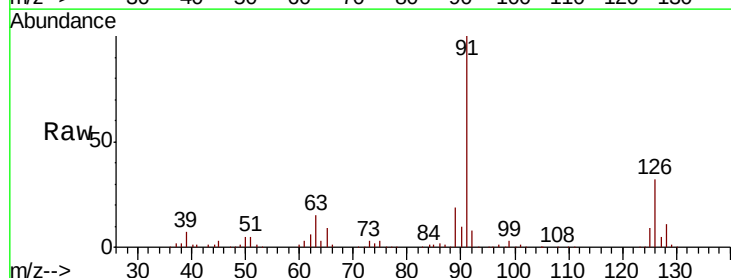
Acq: 10 Oct 2019 06:29

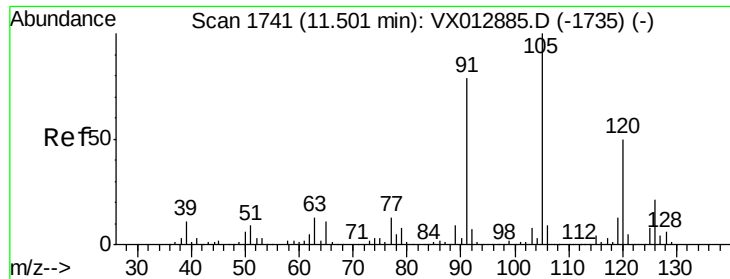
Tgt Ion: 91 Resp: 307278

Ion Ratio Lower Upper

91 100

126 32.1 16.3 48.8





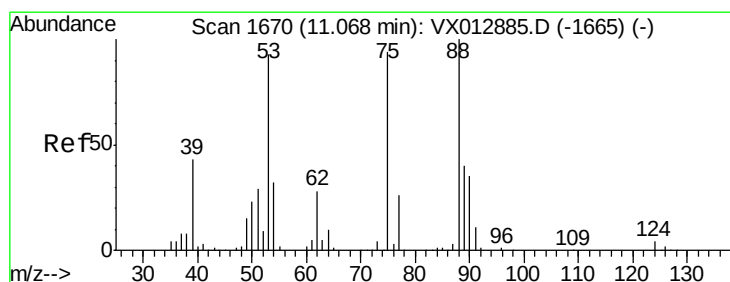
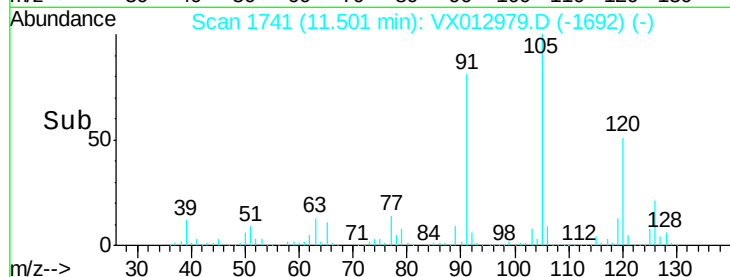
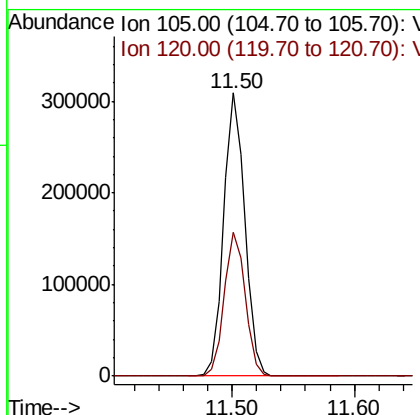
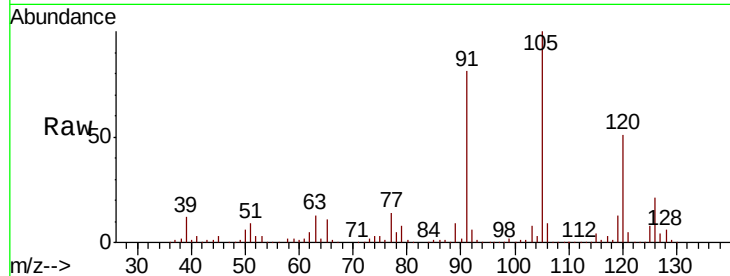
#80
 1,3,5-Trimethylbenzene
 Concen: 51.694 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MSD

Tot Ion:105 Resp: 368214
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.8 74.3

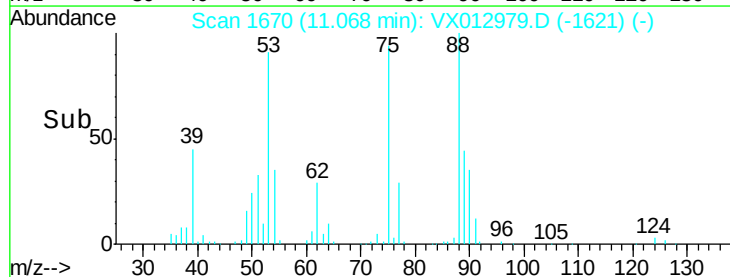
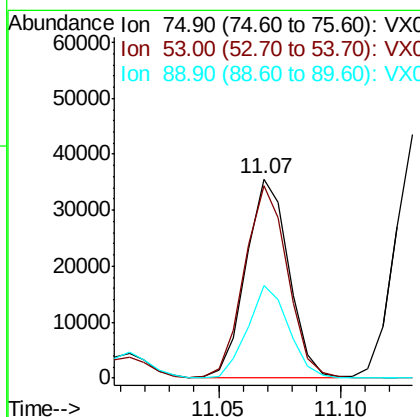
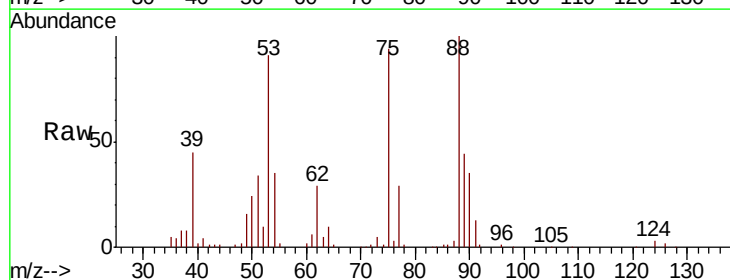
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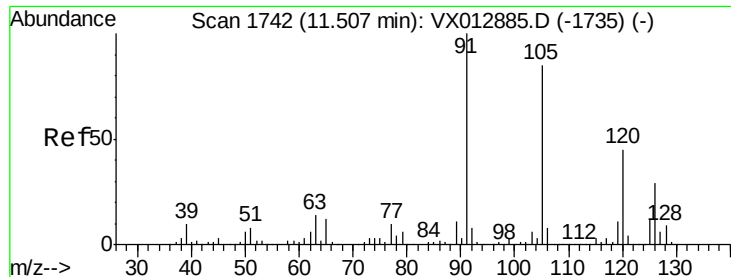
MMDadoda
 10/10/2019 9:04:54 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.013 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Tgt Ion: 75 Resp: 43514
 Ion Ratio Lower Upper
 75 100
 53 97.2 78.5 117.7
 89 44.8 37.4 56.2





#82

4-Chlorotoluene

Concen: 53.430 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0010MSD

Tot Ion: 91 Resp: 361273

Ion Ratio Lower Upper

91 100

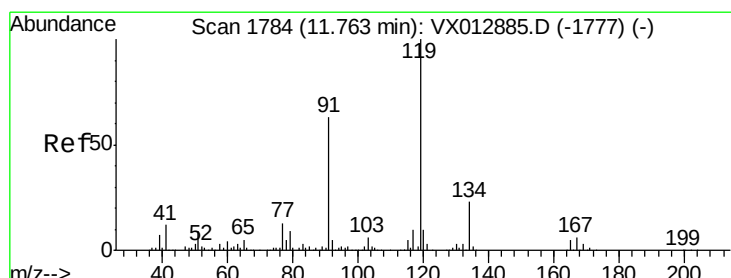
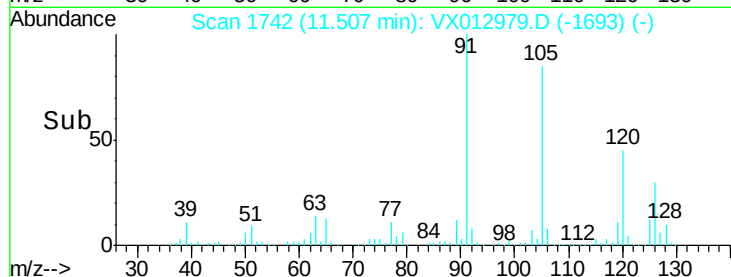
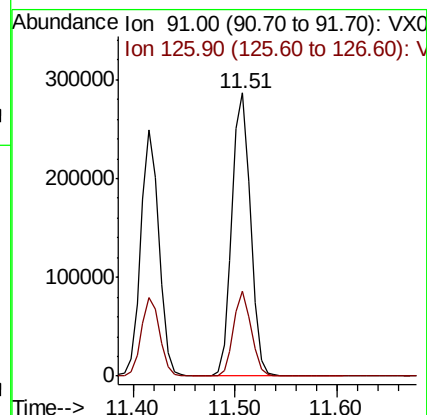
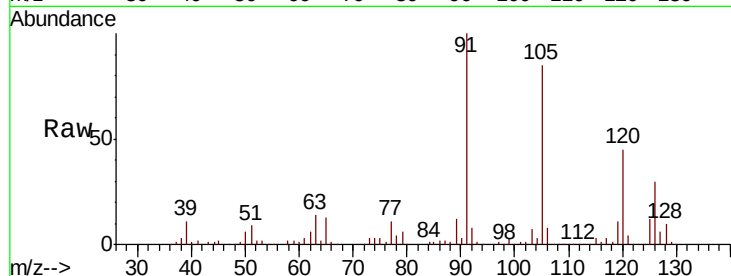
126 28.3 14.2 42.6

Manual Integrations

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#83

tert-Butylbenzene

Concen: 51.536 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

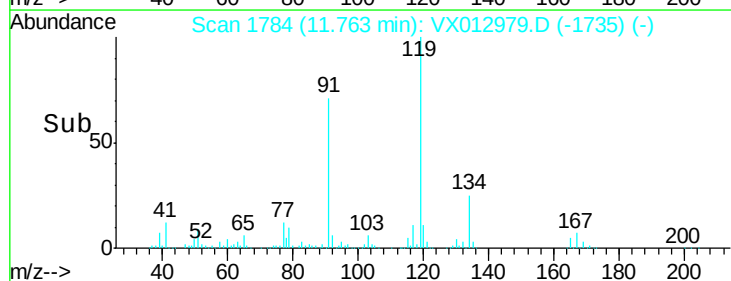
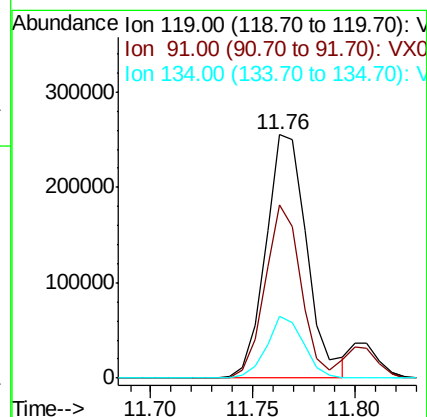
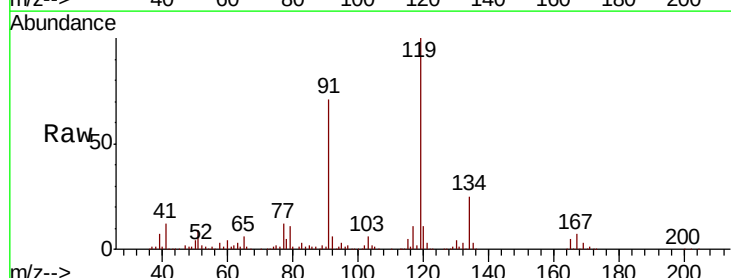
Tgt Ion: 119 Resp: 358088

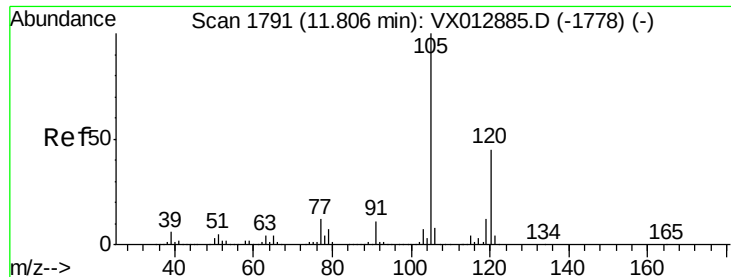
Ion Ratio Lower Upper

119 100

91 61.9 29.3 87.9

134 22.9 11.5 34.4





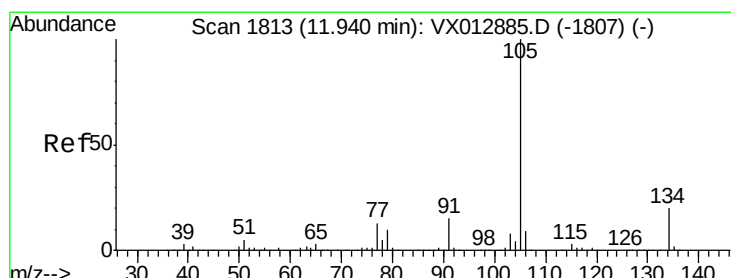
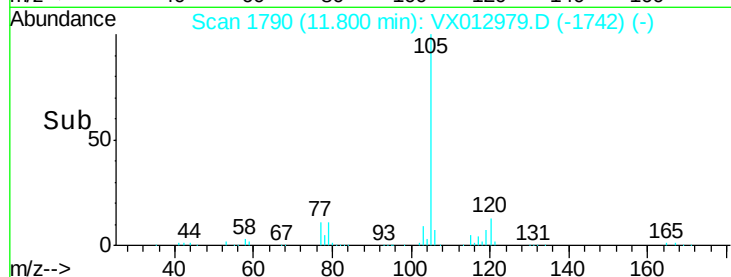
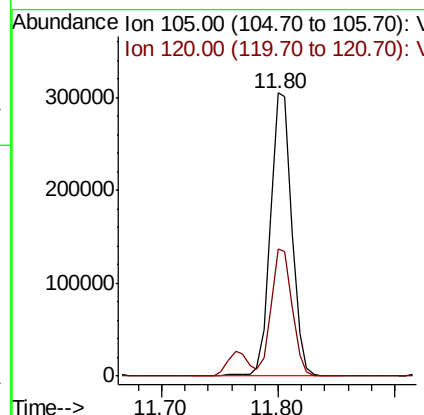
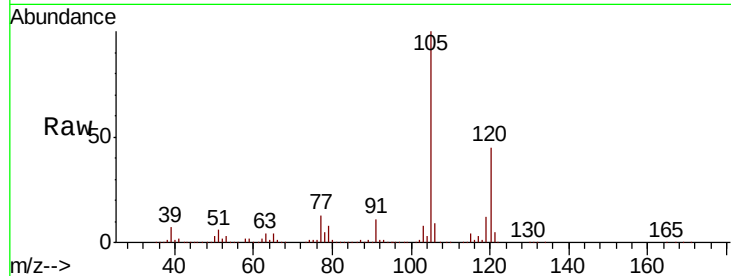
#84
 1,2,4-Trimethylbenzene
 Concen: 53.246 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.8	65.3

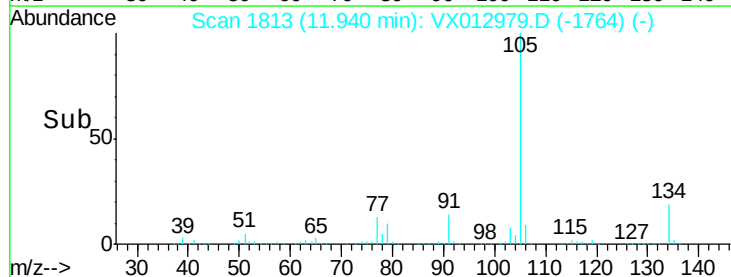
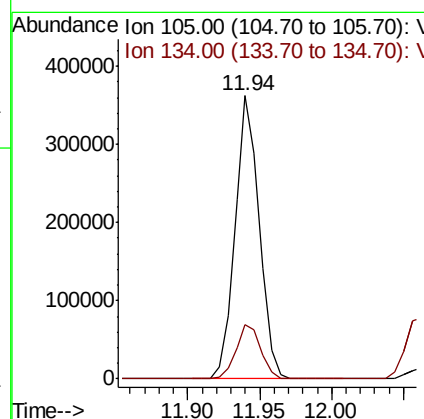
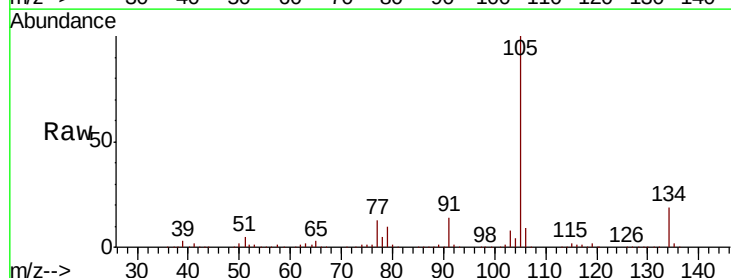
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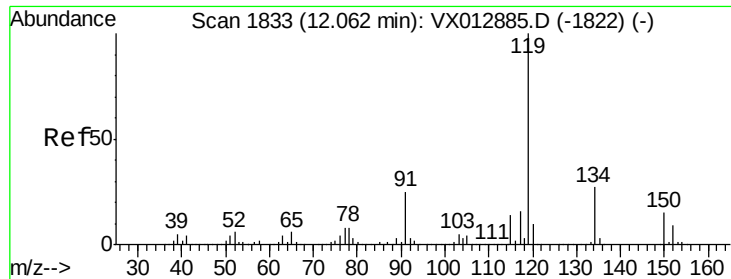
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 52.899 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.0	30.0





#86

p-Isopropyltoluene

Concen: 52.302 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

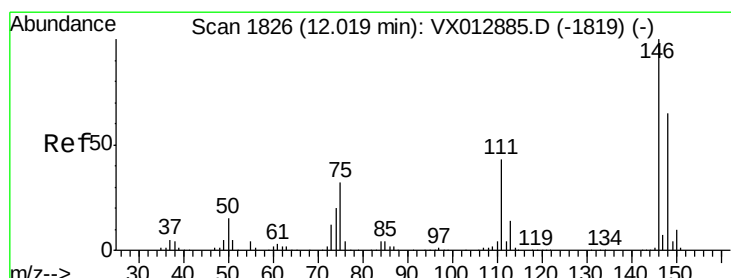
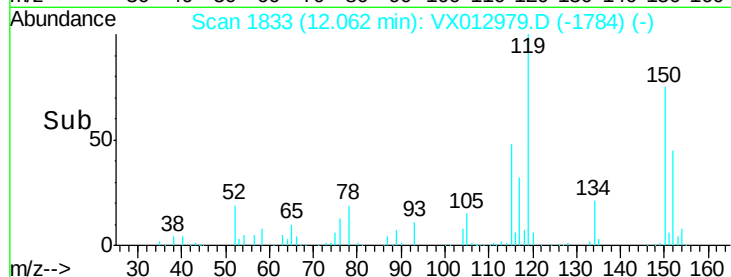
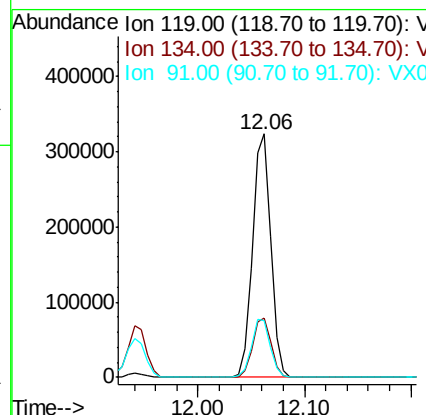
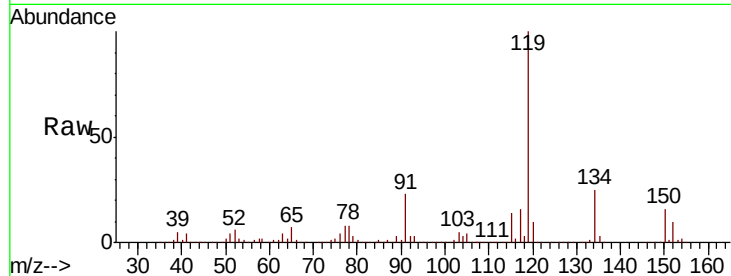
ClientSampleId :

FA19-MMW0010MSD

Tot Ion:	119	Resp:	390481
Ion Ratio	Lower	Upper	
119	100		
134	24.8	12.6	37.8
91	24.6	12.4	37.4

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#87

1,3-Dichlorobenzene

Concen: 51.261 ug/l

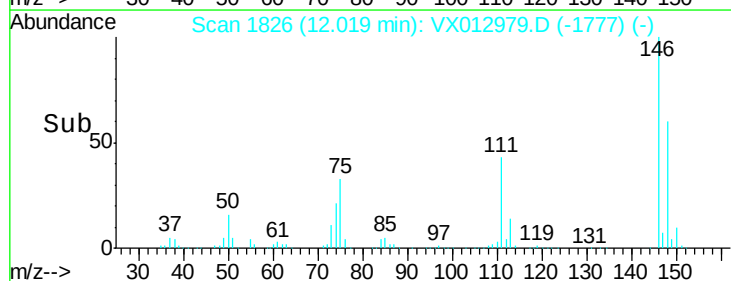
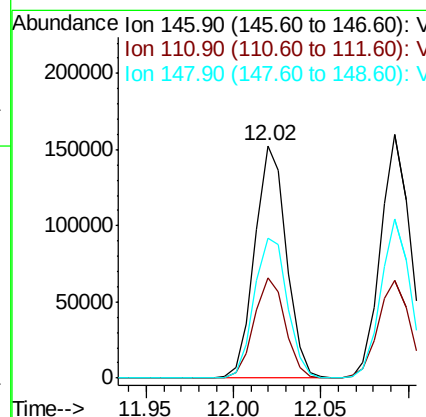
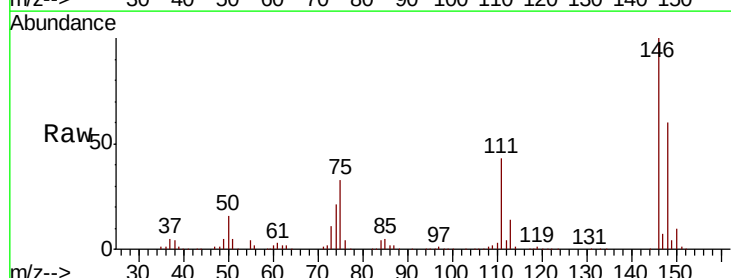
RT: 12.02 min Scan# 1826

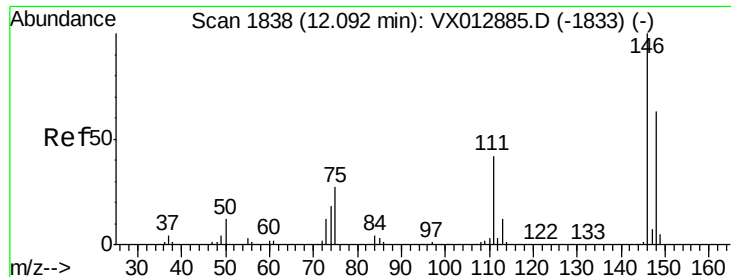
Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Tgt Ion:	146	Resp:	191352
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.1	63.4
148	63.4	31.6	95.0





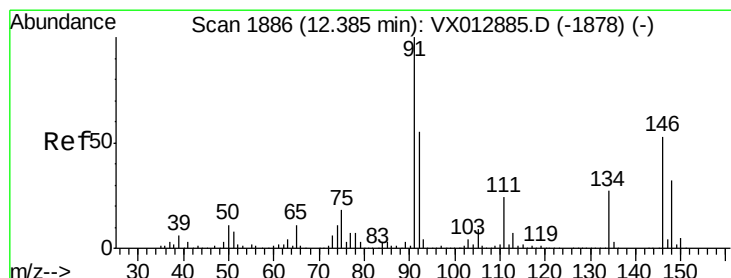
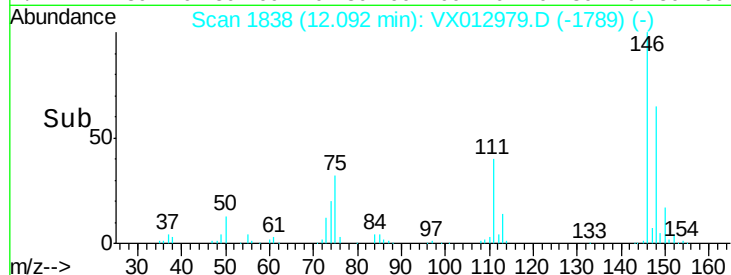
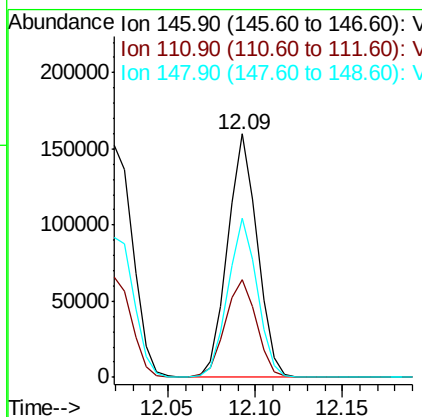
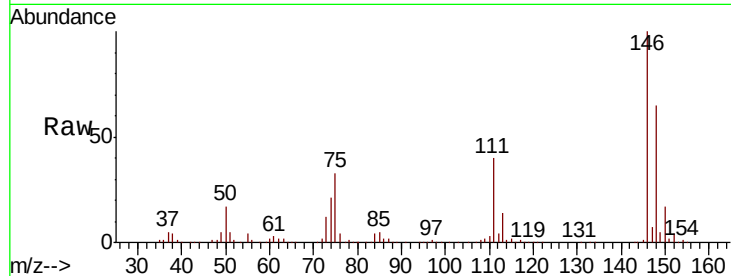
#88
 1,4-Dichlorobenzene
 Concen: 49.958 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.4	64.3
148	64.9	32.1	96.5

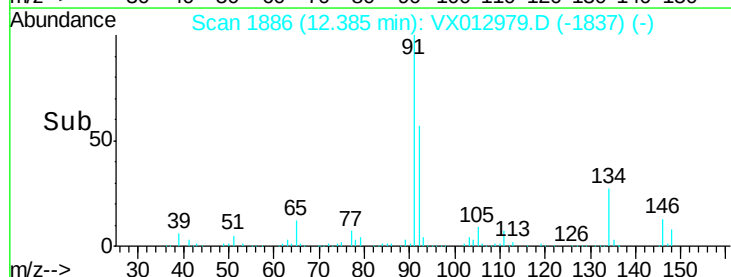
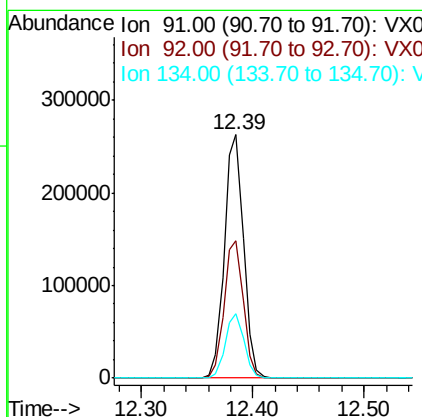
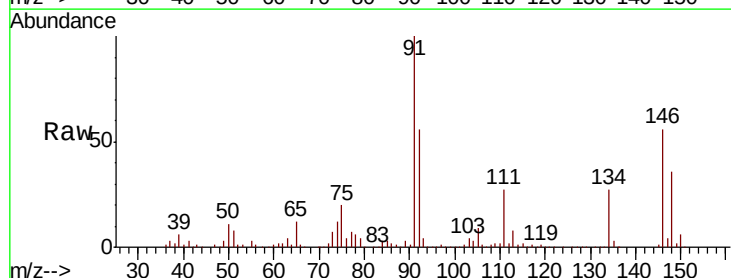
Manual Integrations
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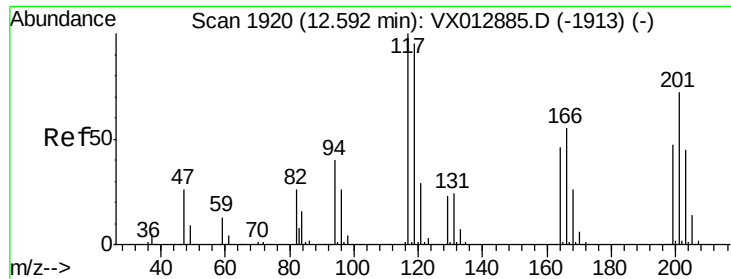
MMDadoda
 10/10/2019 9:04:54 AM



#89
 n-Butylbenzene
 Concen: 49.793 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.5	27.5	82.5
134	25.9	12.9	38.7





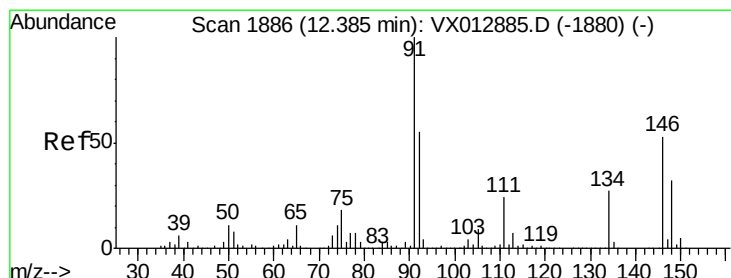
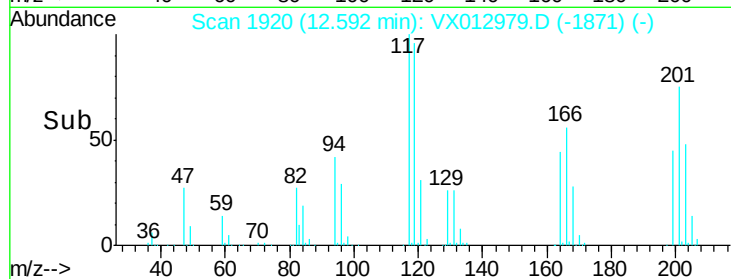
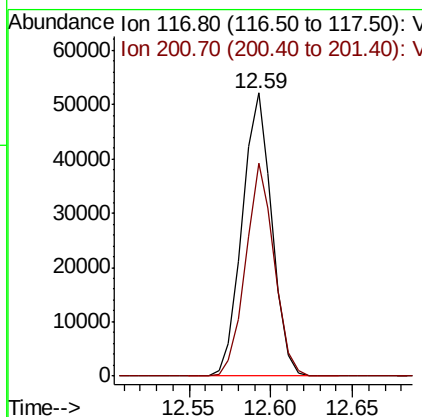
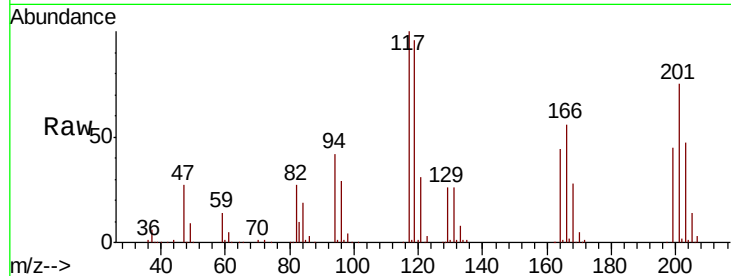
#90
Hexachloroethane
Concen: 47.873 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0010MSD

Tot Ion:117 Resp: 66068
Ion Ratio Lower Upper
117 100
201 72.3 36.9 110.7

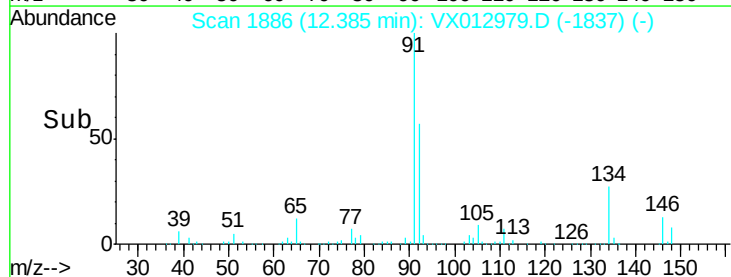
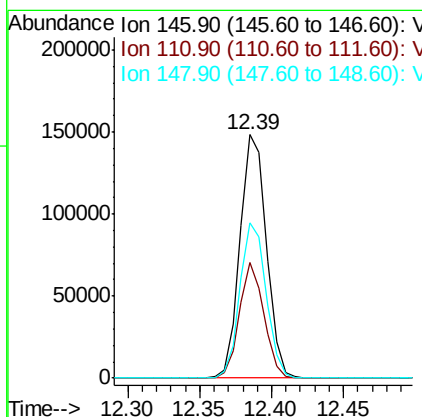
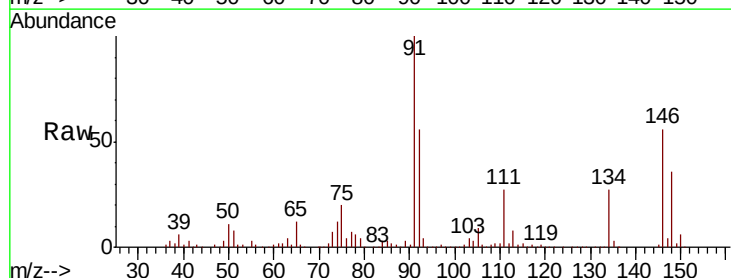
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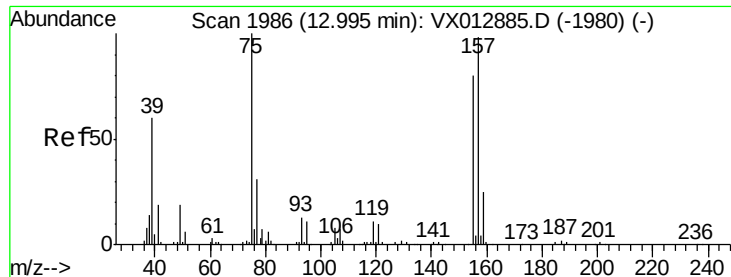
MMDadoda
10/10/2019 9:04:54 AM



#91
1,2-Dichlorobenzene
Concen: 51.603 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012979.D
Acq: 10 Oct 2019 06:29

Tgt Ion:146 Resp: 188846
Ion Ratio Lower Upper
146 100
111 44.4 22.7 68.0
148 63.5 31.6 94.7





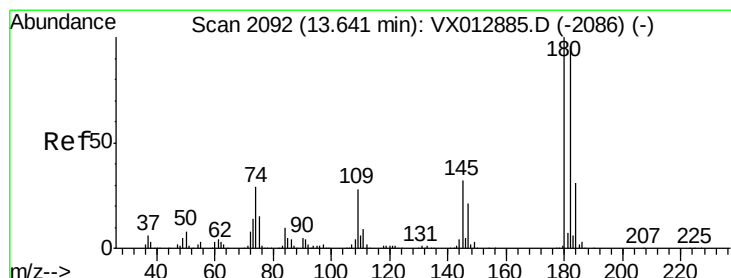
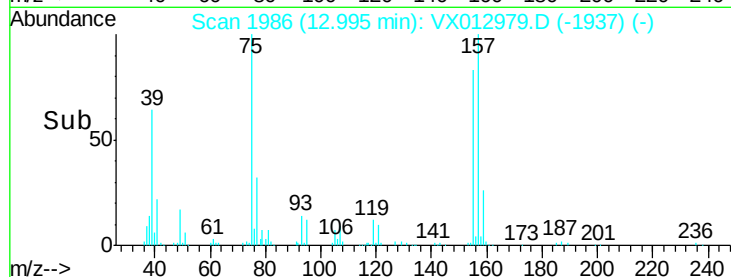
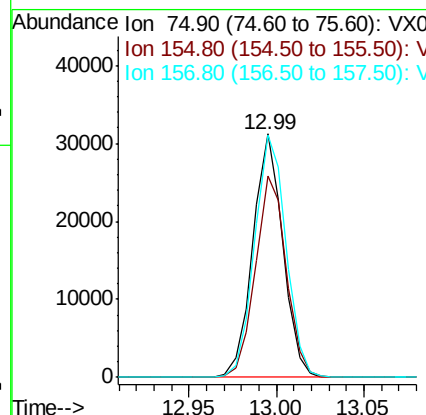
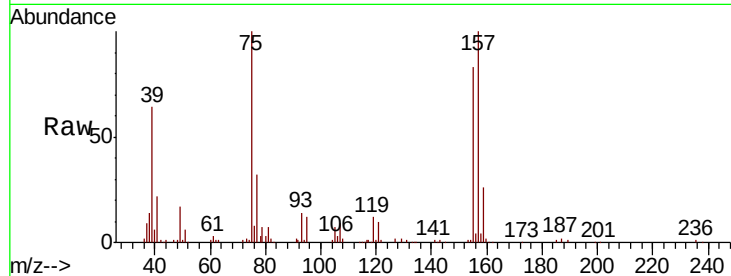
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.932 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	84.9	43.0	128.8
157	104.0	54.1	162.3

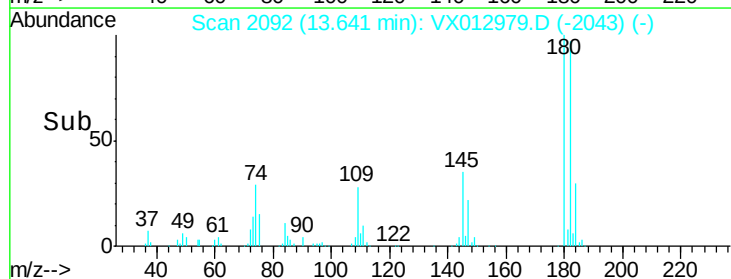
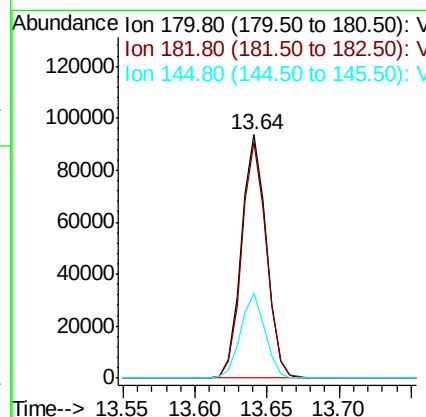
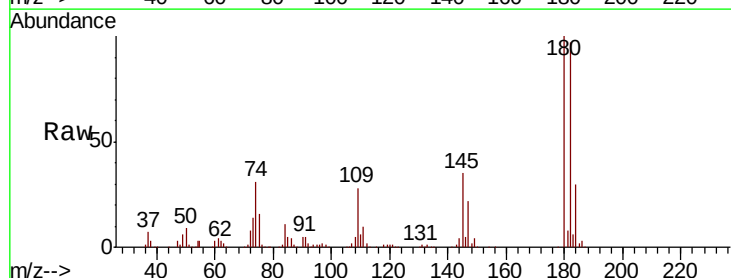
Manual Integrations
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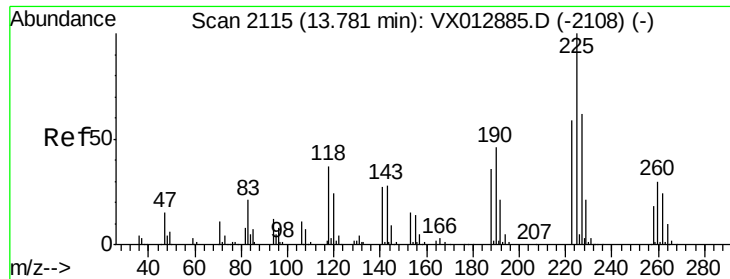
MMDadoda
 10/10/2019 9:04:54 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 49.288 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.8	140.4
145	34.4	16.2	48.6





#94

Hexachlorobutadiene

Concen: 46.866 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Instrument :

MSVOA_X

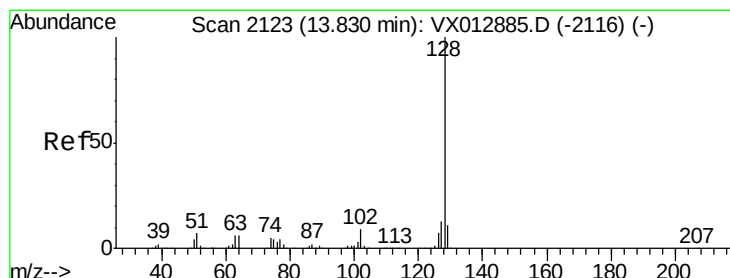
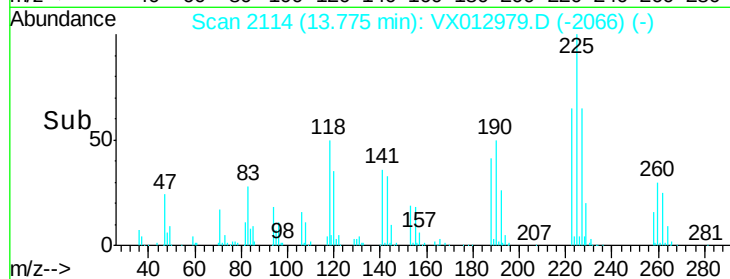
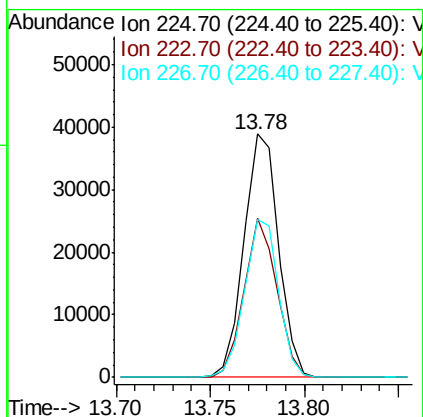
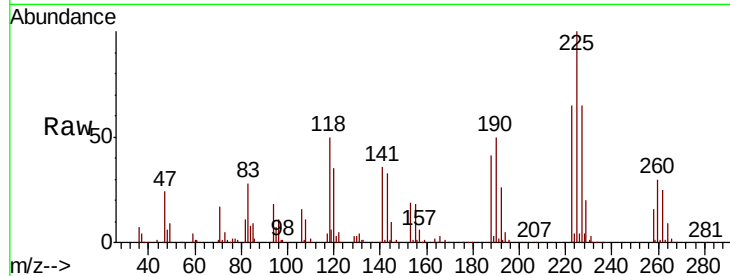
ClientSampleId :

FA19-MMW0010MSD

Tot Ion:	225	Resp:	49583
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.1	93.2
227	63.3	32.3	96.9

Manual Integrations
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#95

Naphthalene

Concen: 51.924 ug/l

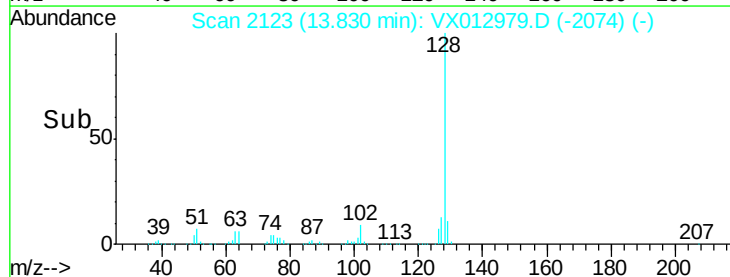
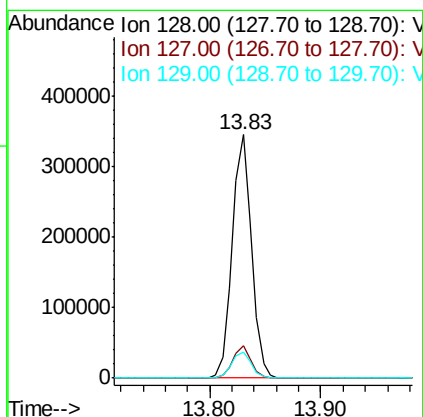
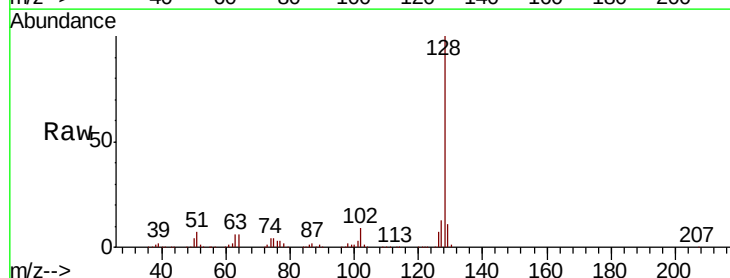
RT: 13.83 min Scan# 2123

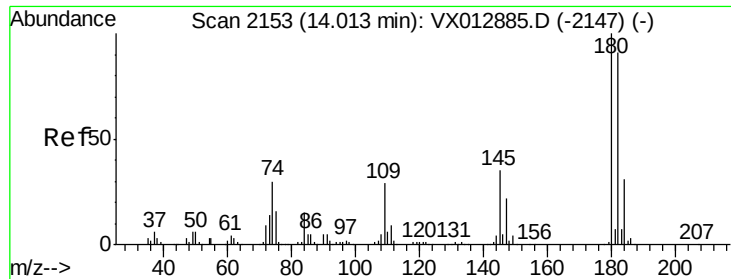
Delta R.T. 0.00 min

Lab File: VX012979.D

Acq: 10 Oct 2019 06:29

Tgt Ion:	128	Resp:	412635
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.8	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 49.131 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012979.D
 Acq: 10 Oct 2019 06:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	116393		
182	98.4	47.5	142.5	
145	35.8	17.4	52.3	

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:04:54 AM

