

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100419\
 Data File : VX012825.D
 Acq On : 04 Oct 2019 20:28
 Operator : JC/SP
 Sample : K5189-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 9:26:33 AM

Quant Time: Oct 05 06:38:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278050	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	109438	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	5.48	113	87150	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	8.71	98	320904	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.14	95	126241	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	70827	41.018	ug/l	99
3) Chloromethane	1.31	50	85506	43.124	ug/l	99
4) Vinyl Chloride	1.40	62	90158	45.747	ug/l	96
5) Bromomethane	1.62	94	29103	37.559	ug/l	99
6) Chloroethane	1.70	64	59551	44.823	ug/l	100
7) Trichlorofluoromethane	1.91	101	129653	46.856	ug/l	100
8) Diethyl Ether	2.18	74	56076	49.452	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77775	46.148	ug/l	98
10) Methyl Iodide	2.50	142	76008	43.522	ug/l	93
11) Tert butyl alcohol	3.04	59	148085	265.221	ug/l	100
12) 1,1-Dichloroethene	2.36	96	83091	50.349	ug/l	97
13) Acrolein	2.28	56	76463	246.006	ug/l	99
14) Allyl chloride	2.72	41	147283	44.983	ug/l	96
15) Acrylonitrile	3.13	53	292709	258.402	ug/l	99
16) Acetone	2.44	43	264592	223.493	ug/l	95
17) Carbon Disulfide	2.56	76	212878	46.013	ug/l	99
18) Methyl Acetate	2.76	43	115043	41.268	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	326699	52.301	ug/l	99
20) Methylene Chloride	2.84	84	101042	50.460	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	89951	49.199	ug/l	97
22) Diisopropyl ether	3.84	45	320217	50.614	ug/l	93
23) Vinyl Acetate	3.80	43	1094532	197.279	ug/l	98
24) 1,1-Dichloroethane	3.69	63	174851	50.844	ug/l	98
25) 2-Butanone	4.66	43	412250	242.853	ug/l	95
26) 2,2-Dichloropropane	4.57	77	67721	22.141	ug/l	88
27) cis-1,2-Dichloroethene	4.58	96	108260	51.032	ug/l	87
28) Bromochloromethane	5.00	49	65646	52.572	ug/l	96
29) Tetrahydrofuran	5.12	42	263339	254.519	ug/l	96
30) Chloroform	5.20	83	176118	50.057	ug/l	97
31) Cyclohexane	5.57	56	144947	46.590	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	151419	48.559	ug/l	99
36) 1,1-Dichloropropene	5.79	75	126318	47.132	ug/l	99
37) Ethyl Acetate	4.82	43	124892	39.859	ug/l	96
38) Carbon Tetrachloride	5.78	117	128091	47.049	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	136241	42.226	ug/l	98
40) Benzene	6.13	78	390663	49.541	ug/l	99
41) Methacrylonitrile	5.03	41	87369	49.698	ug/l	94
42) 1,2-Dichloroethane	6.18	62	144888	48.385	ug/l	97
43) Isopropyl Acetate	6.43	43	223256	42.607	ug/l	97
44) Trichloroethene	7.20	130	97824	48.526	ug/l	92
45) 1,2-Dichloropropane	7.51	63	102548	50.794	ug/l	100
46) Dibromomethane	7.65	93	68520	49.848	ug/l	99
47) Bromodichloromethane	7.89	83	137583	50.080	ug/l	99
48) Methyl methacrylate	7.76	41	123072	48.984	ug/l	92
49) 1,4-Dioxane	7.73	88	61586	1080.684	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	797726	246.631	ug/l	94
52) Toluene	8.78	92	243382	49.107	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	132213	43.497	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	145395	43.810	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	102187	51.860	ug/l	99
56) Ethyl methacrylate	9.17	69	168003	50.751	ug/l	91
57) 1,3-Dichloropropane	9.37	76	175178	50.797	ug/l	99
59) 2-Hexanone	9.49	43	620922	250.795	ug/l	93
60) Dibromochloromethane	9.58	129	103973	52.126	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105434	51.414	ug/l	99
64) Tetrachloroethene	9.33	164	86994	49.744	ug/l	92
65) Chlorobenzene	10.14	112	255848	48.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	97591	50.993	ug/l	98
67) Ethyl Benzene	10.25	91	464700	48.506	ug/l	100
68) m/p-Xylenes	10.35	106	344840	96.089	ug/l	100
69) o-Xylene	10.70	106	170678	49.151	ug/l	99
70) Styrene	10.71	104	296416	50.918	ug/l	99
71) Bromoform	10.85	173	73198	54.929	ug/l #	99
73) Isopropylbenzene	11.01	105	455268	48.716	ug/l	100
74) N-amyl acetate	10.89	43	175353	39.331	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	160005	51.697	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	149310m	49.193	ug/l	
77) Bromobenzene	11.25	156	107559	50.853	ug/l	96
78) n-propylbenzene	11.35	91	499807	47.505	ug/l	99
79) 2-Chlorotoluene	11.42	91	310769	47.349	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	375659	47.935	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	38217	36.084	ug/l	95
82) 4-Chlorotoluene	11.51	91	358978	47.980	ug/l	98
83) tert-Butylbenzene	11.77	119	374429	49.530	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	386543	48.894	ug/l	98
85) sec-Butylbenzene	11.94	105	421381	47.924	ug/l	100
86) p-Isopropyltoluene	12.06	119	380602	47.972	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	188470	49.514	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	189534	49.277	ug/l	99
89) n-Butylbenzene	12.39	91	300347	42.960	ug/l	100
90) Hexachloroethane	12.59	117	68581	48.486	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	191354	50.214	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39604	51.154	ug/l	95
93) 1,2,4-Trichlorobenzene	13.64	180	108700	46.773	ug/l	98

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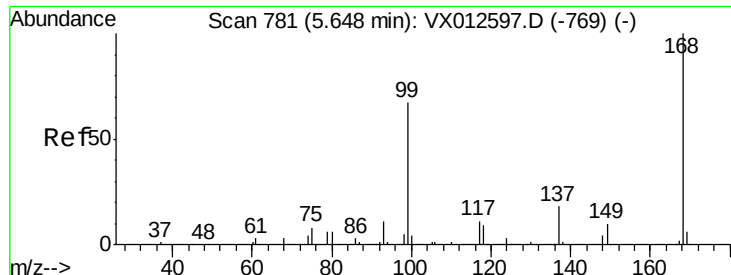
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	45493	45.503	ug/l	99
95) Naphthalene	13.83	128	414827	49.336	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	112944	48.515	ug/l	98

(#) = 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. 0.01 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

Tot Ion:168 Resp: 153490

Ion Ratio Lower Upper

168 100

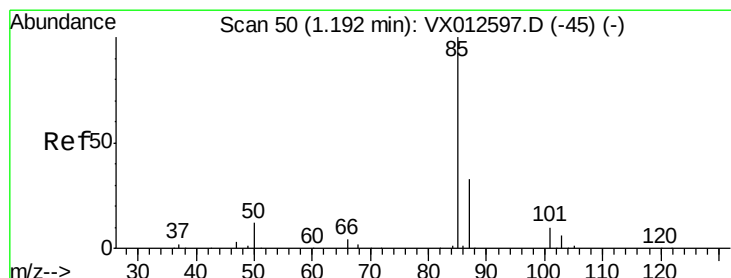
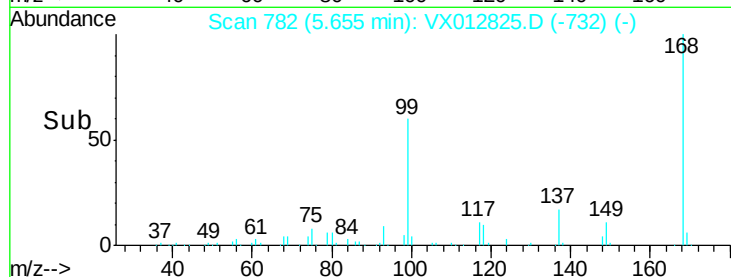
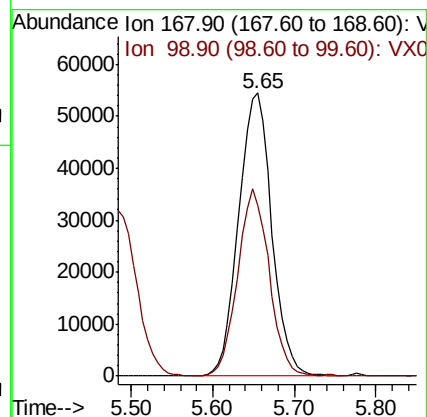
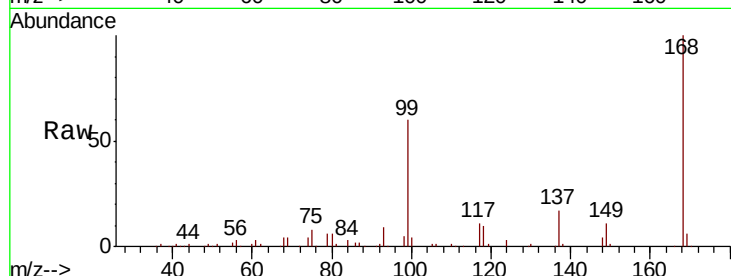
99 60.1 51.4 77.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 41.018 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012825.D

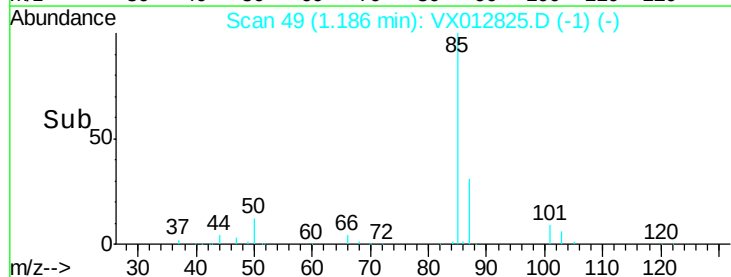
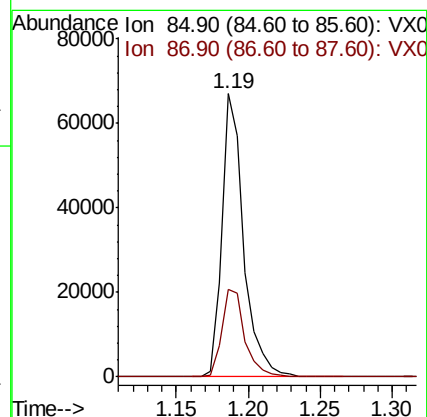
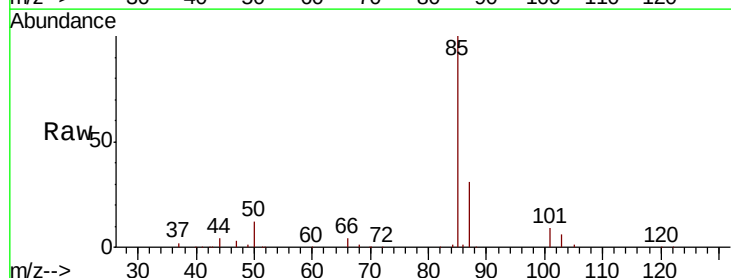
Acq: 04 Oct 2019 20:28

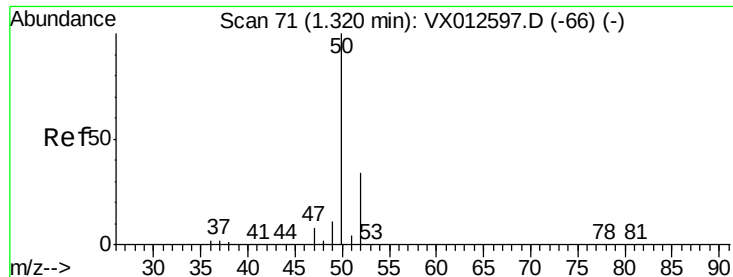
Tgt Ion: 85 Resp: 70827

Ion Ratio Lower Upper

85 100

87 30.8 15.6 46.8





#3

Chloromethane

Concen: 43.124 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

Tot Ion: 50 Resp: 85506

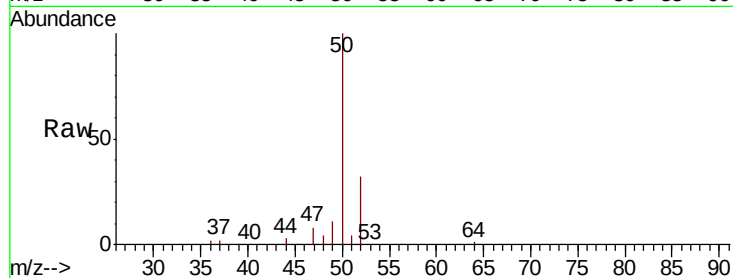
Ion Ratio Lower Upper

50 100

52 32.4 25.7 38.5

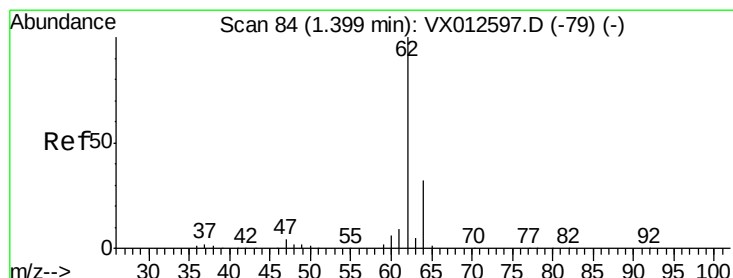
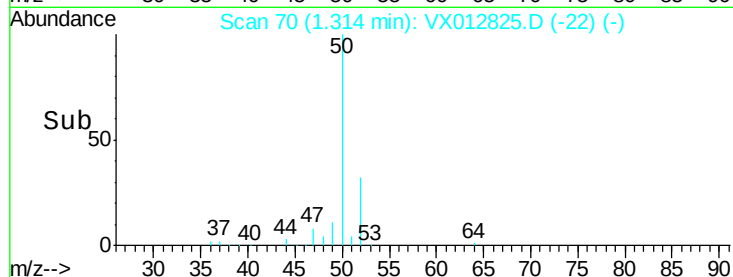
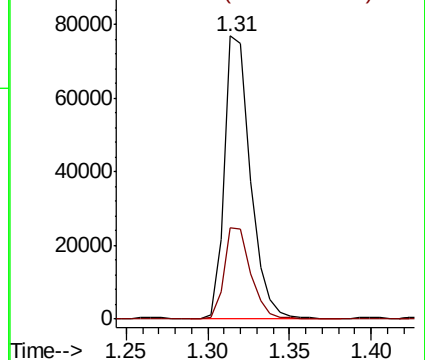
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.747 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012825.D

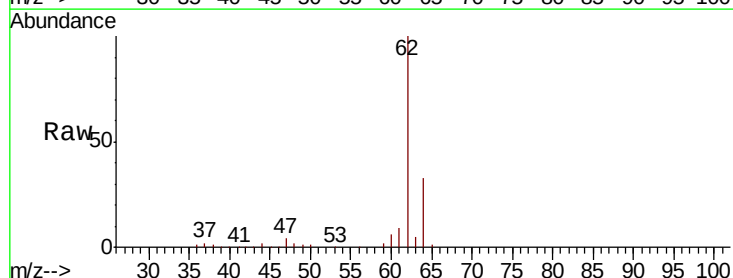
Acq: 04 Oct 2019 20:28

Tgt Ion: 62 Resp: 90158

Ion Ratio Lower Upper

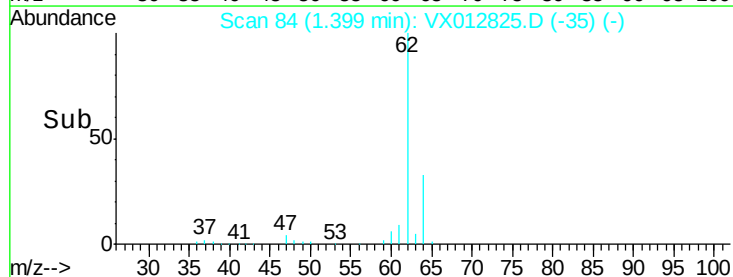
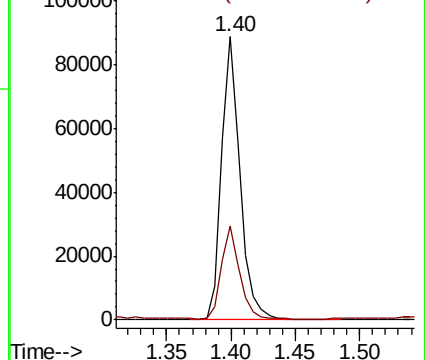
62 100

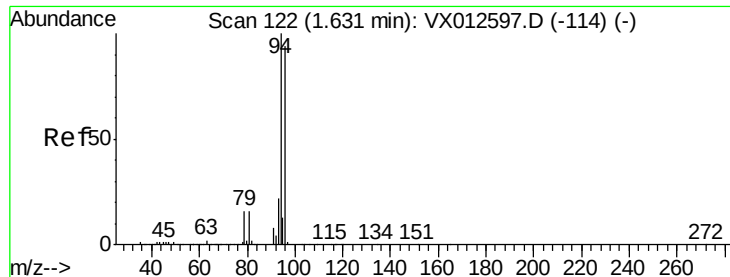
64 32.5 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 37.559 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

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ClientSampleId :

SA-MW127D-20190930MS

Tot Ion: 94 Resp: 29103

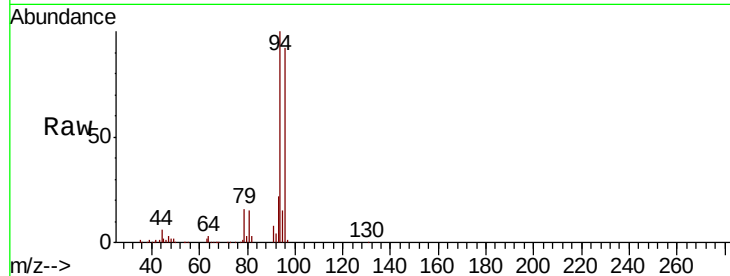
Ion Ratio Lower Upper

94 100

96 92.2 72.8 109.2

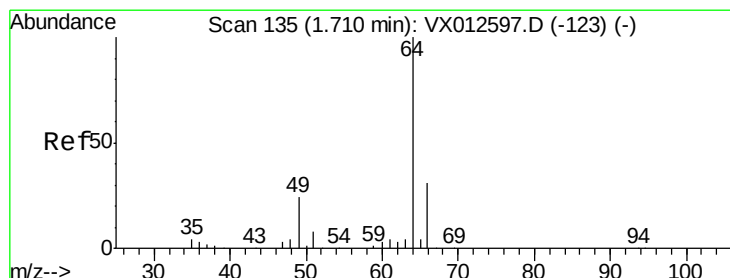
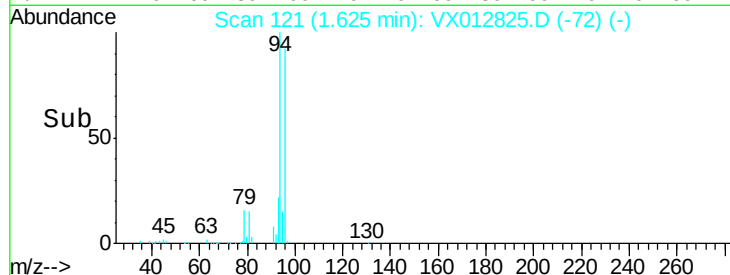
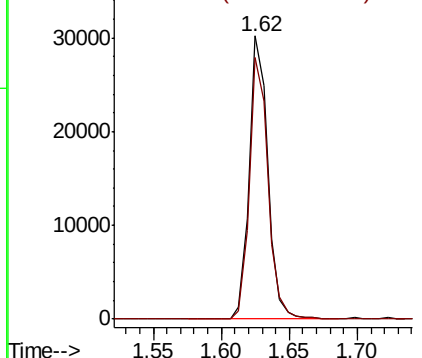
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.823 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012825.D

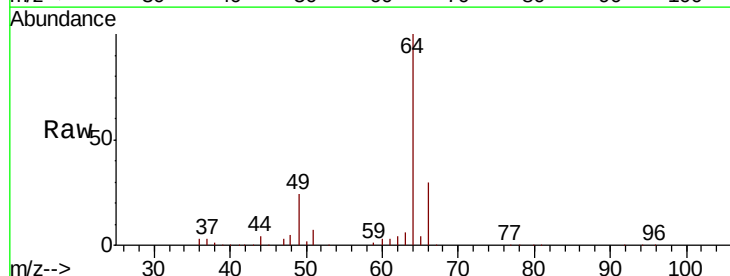
Acq: 04 Oct 2019 20:28

Tgt Ion: 64 Resp: 59551

Ion Ratio Lower Upper

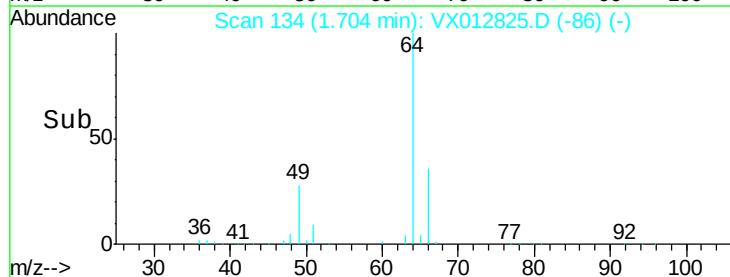
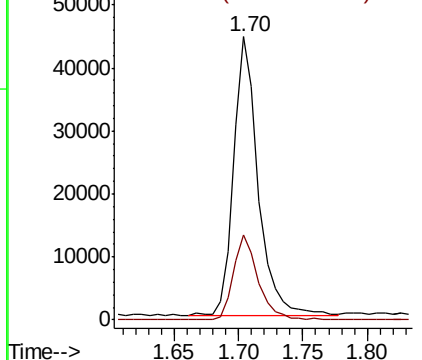
64 100

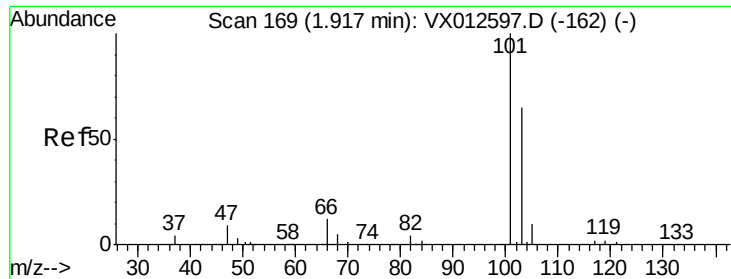
66 30.3 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

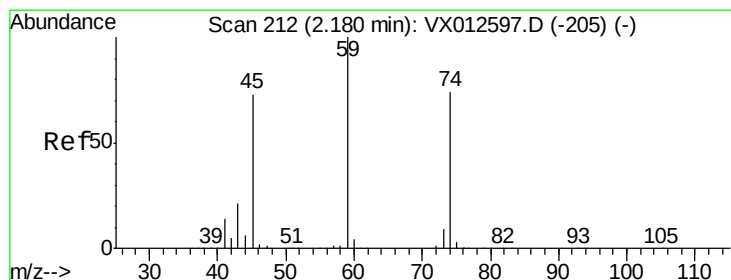
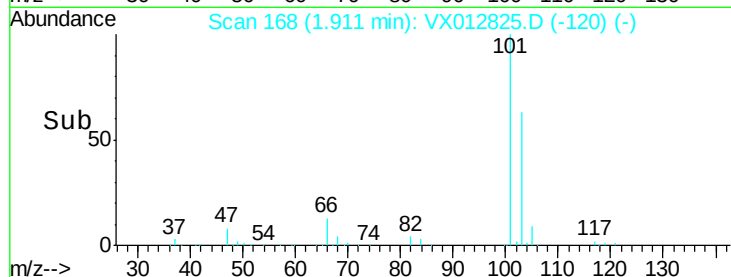
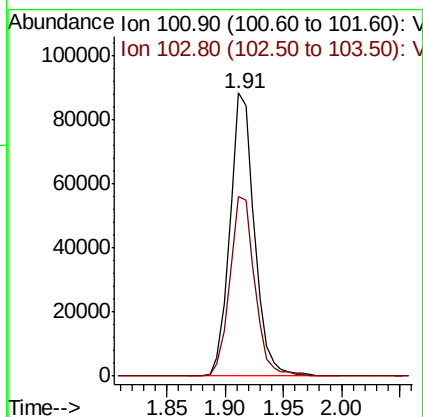
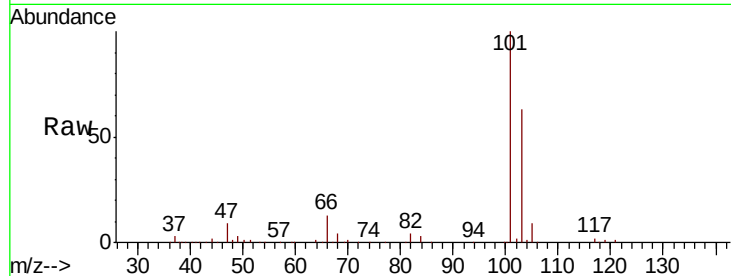
Trichlorofluoromethane
 Concen: 46.856 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

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Tot Ion:101 Resp: 129653
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.0 76.4

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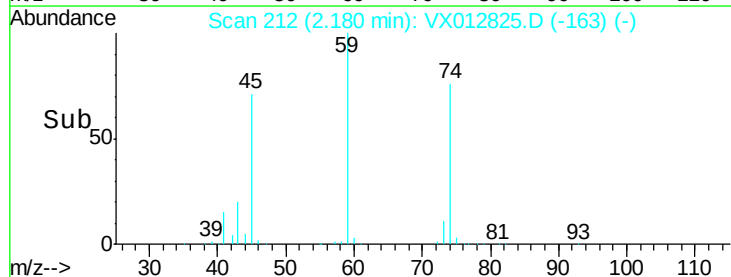
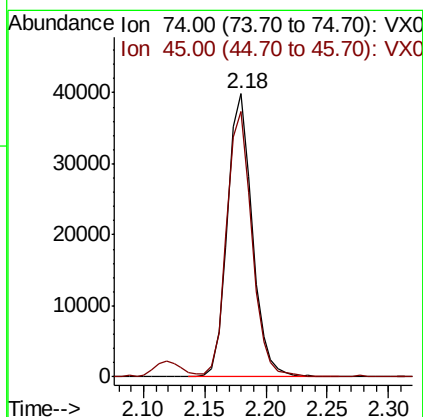
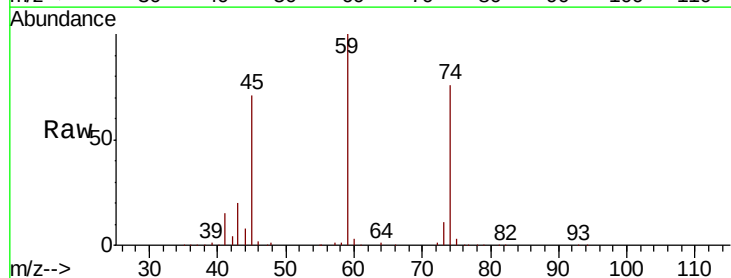
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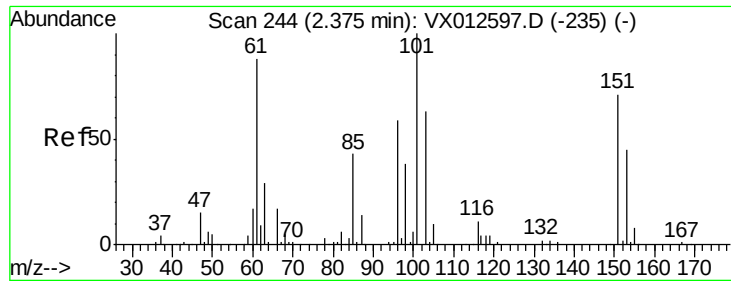


#8

Diethyl Ether
 Concen: 49.452 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion: 74 Resp: 56076
 Ion Ratio Lower Upper
 74 100
 45 95.2 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.148 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

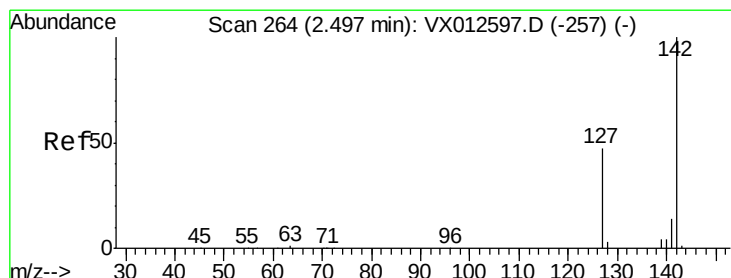
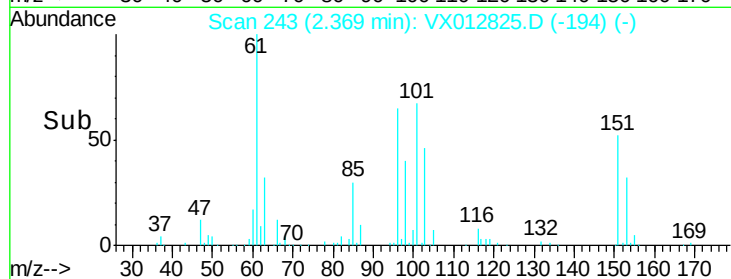
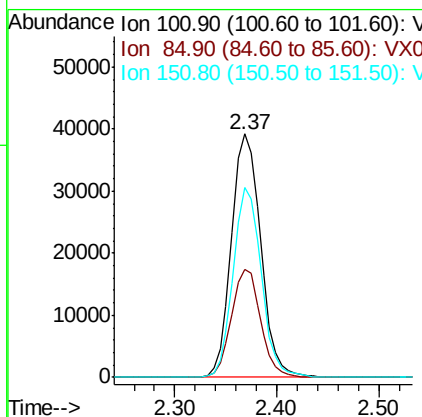
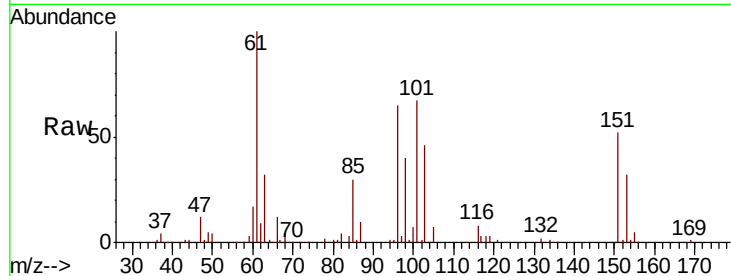
ClientSampleId :

SA-MW127D-20190930MS

Tot Ion:	101	Resp:	77775
Ion Ratio	Lower	Upper	
101	100		
85	44.3	37.3	55.9
151	75.0	61.0	91.4

Manual Integrations
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#10

Methyl Iodide

Concen: 43.522 ug/l

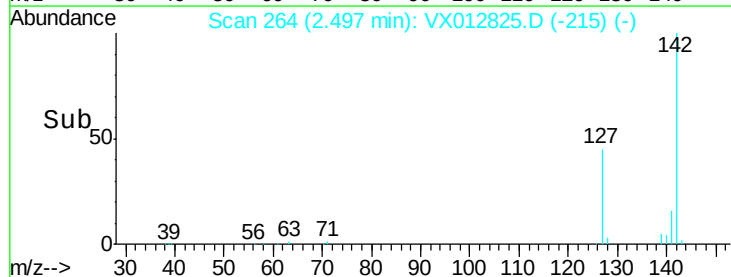
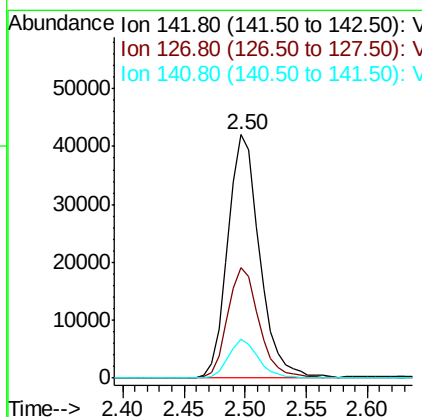
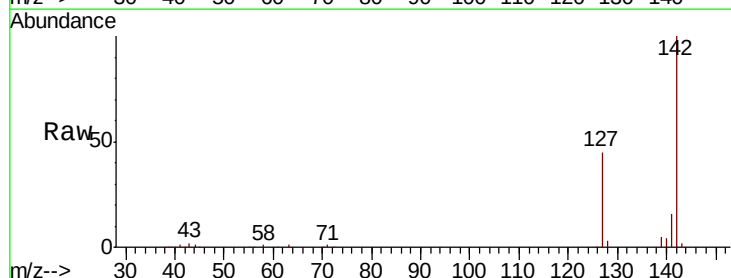
RT: 2.50 min Scan# 264

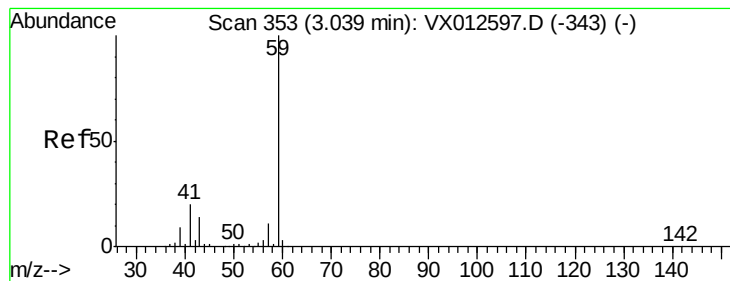
Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Tgt Ion:	142	Resp:	76008
Ion Ratio	Lower	Upper	
142	100		
127	44.9	40.8	61.2
141	15.0	12.1	18.1





#11

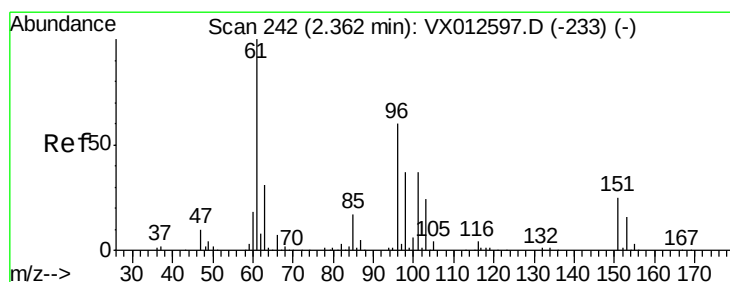
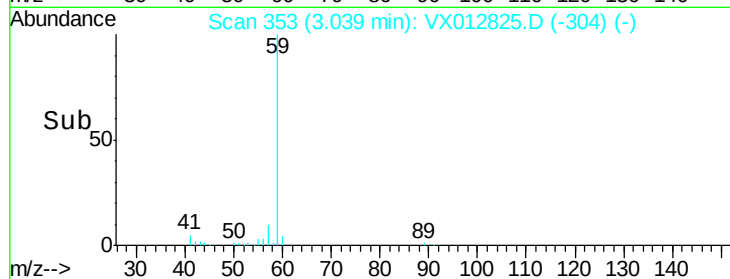
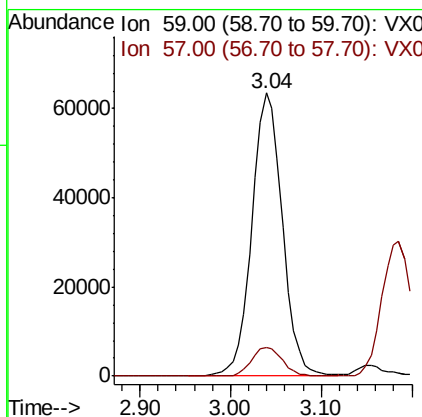
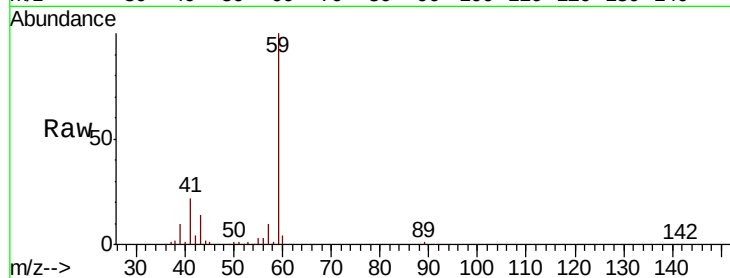
Tert butyl alcohol
Concen: 265.221 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

Manual Integrations
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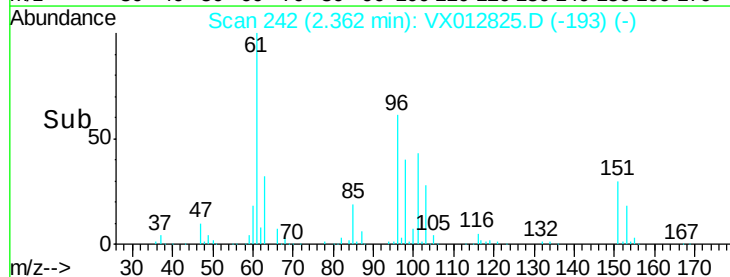
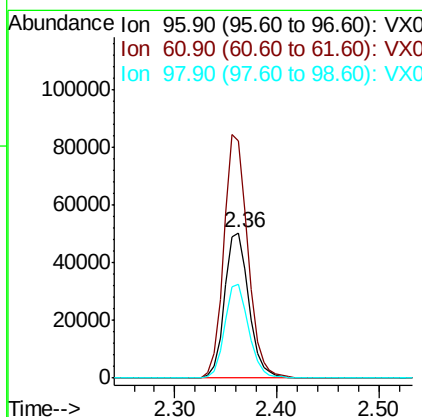
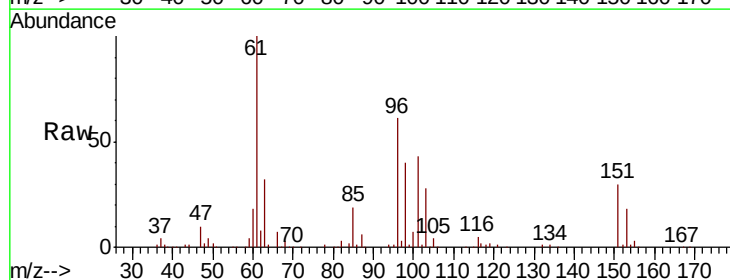
MMDadoda
10/7/2019 9:26:33 AM

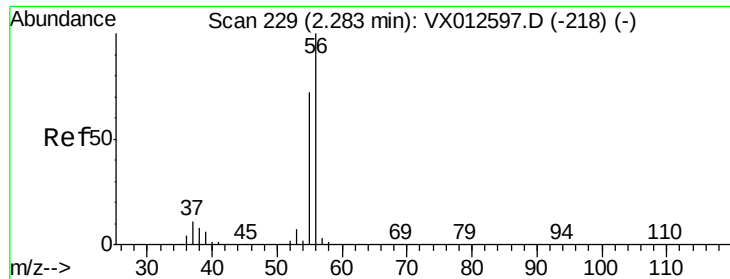


#12

1,1-Dichloroethene
Concen: 50.349 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.2	133.8	200.6
98	64.5	49.9	74.9





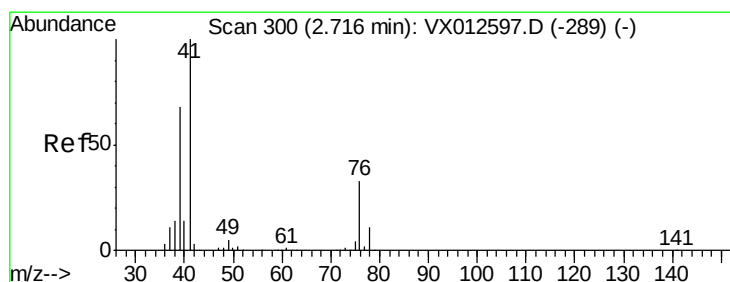
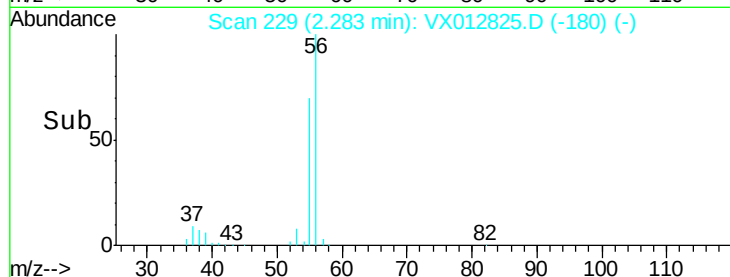
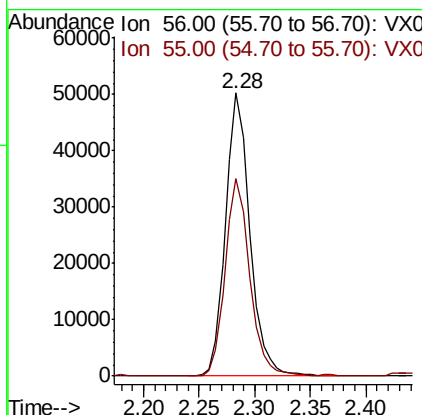
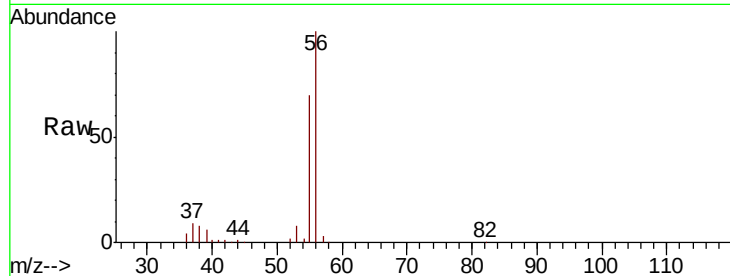
#13
Acrolein
Concen: 246.006 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.4	55.8	83.8	

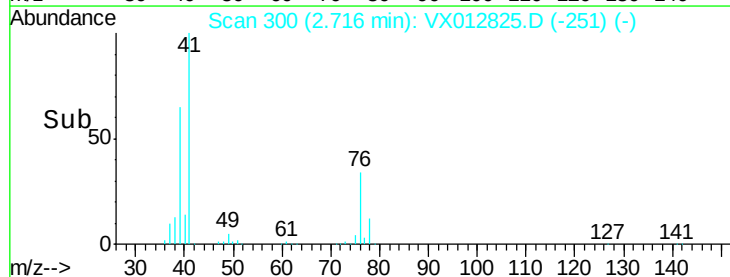
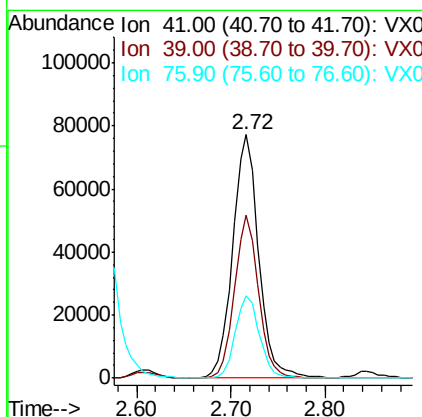
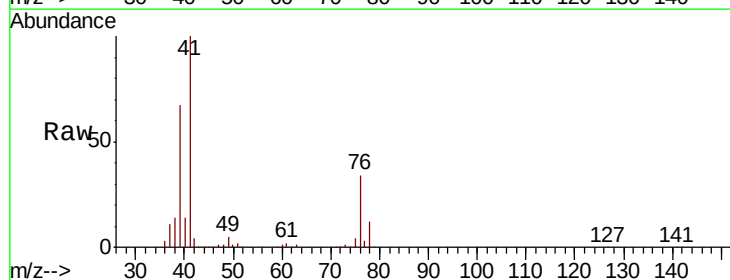
Manual Integrations
APPROVED

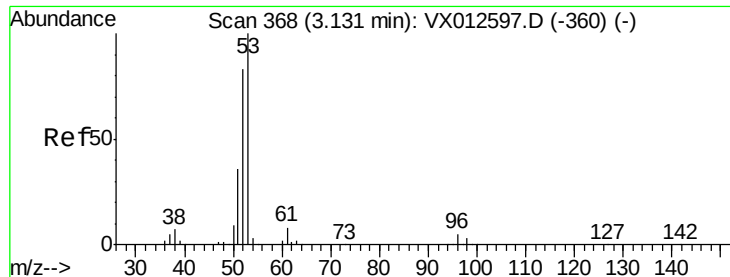
MMDadoda
10/7/2019 9:26:33 AM



#14
Allyl chloride
Concen: 44.983 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	61.7	51.3	76.9	
76	31.7	22.6	33.8	





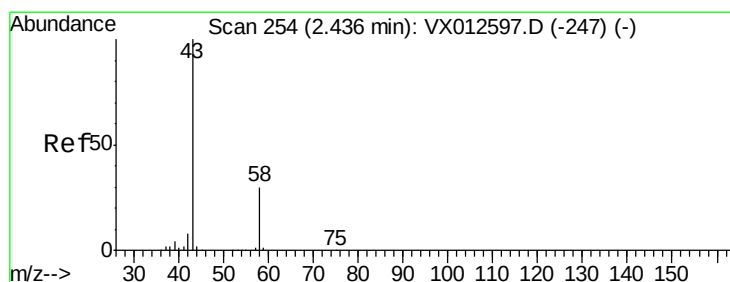
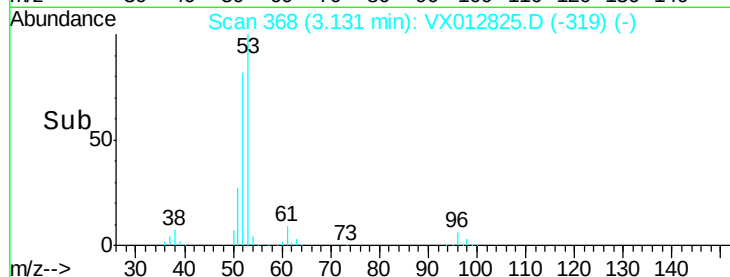
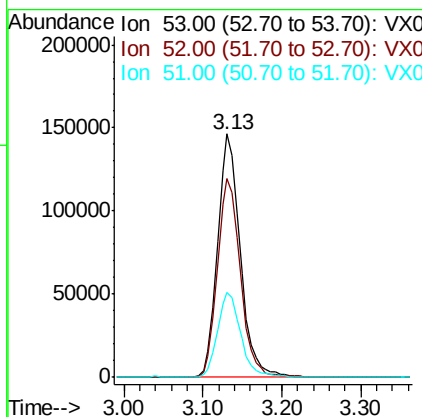
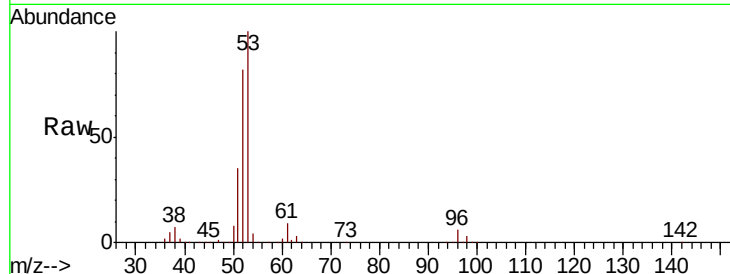
#15
 Acrylonitrile
 Concen: 258.402 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.0	67.0	100.4
51	36.0	29.6	44.4

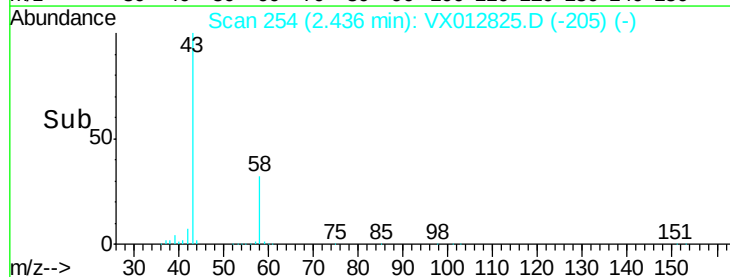
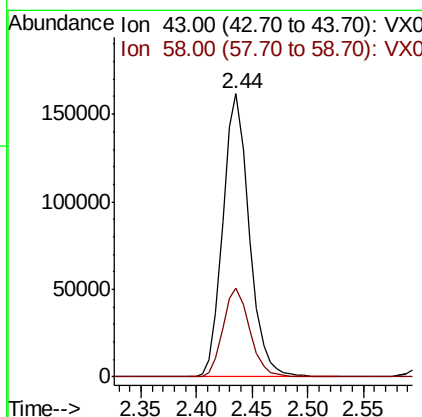
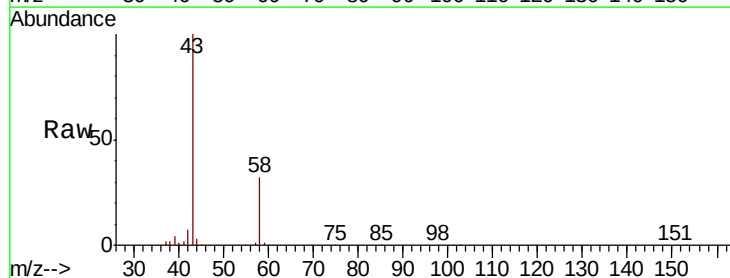
Manual Integrations
 APPROVED

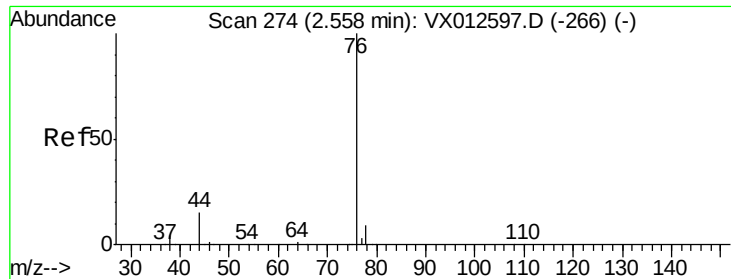
MMDadoda
 10/7/2019 9:26:33 AM



#16
 Acetone
 Concen: 223.493 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.5	23.3	34.9





#17

Carbon Disulfide

Concen: 46.013 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

Tot Ion: 76 Resp: 212878

Ion Ratio Lower Upper

76 100

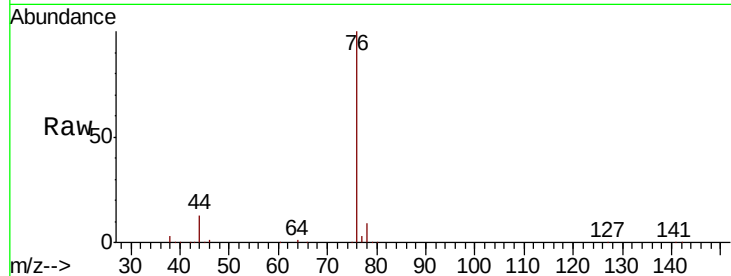
78 8.8 7.3 10.9

Manual Integrations

APPROVED

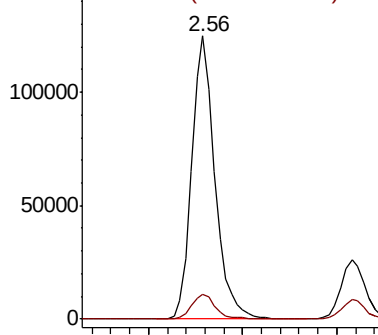
MMDadoda

10/7/2019 9:26:33 AM

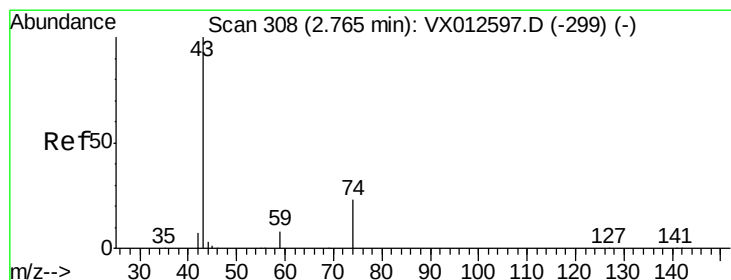
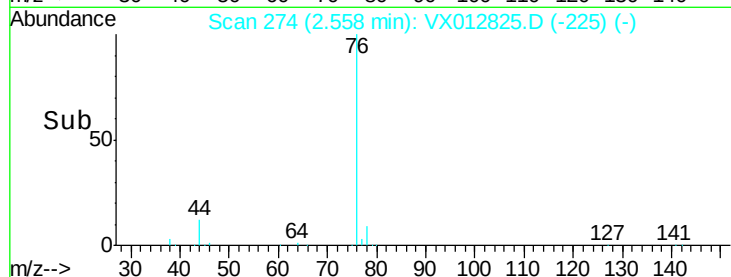


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 41.268 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012825.D

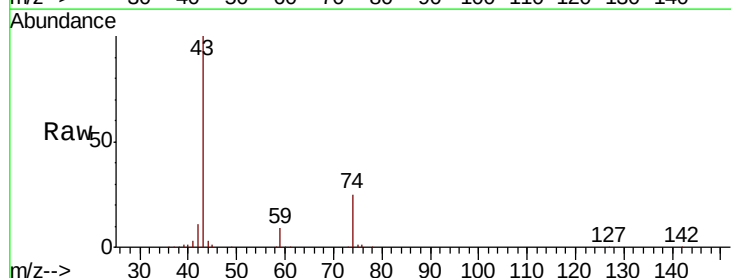
Acq: 04 Oct 2019 20:28

Tgt Ion: 43 Resp: 115043

Ion Ratio Lower Upper

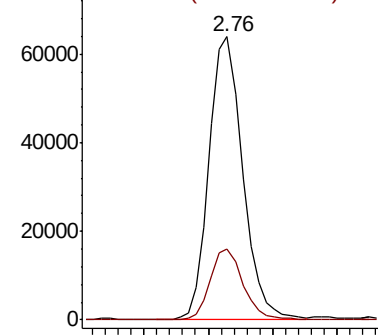
43 100

74 24.6 17.7 26.5

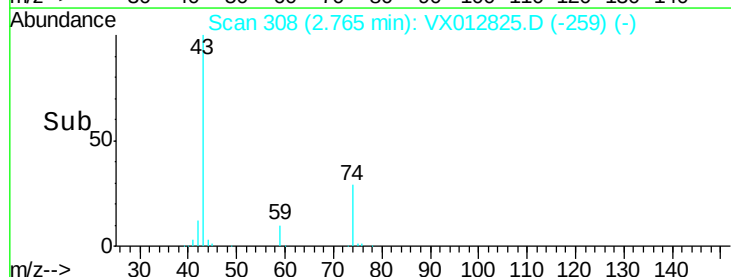


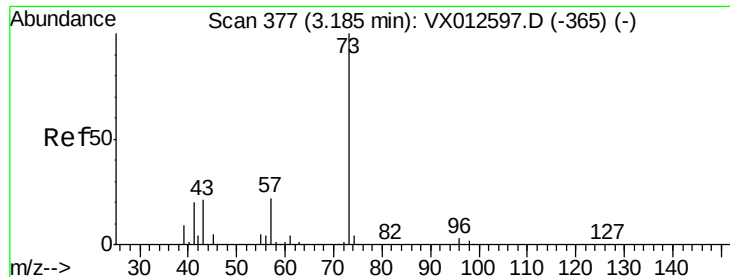
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->





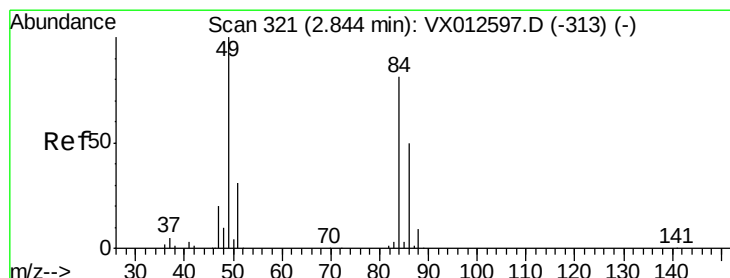
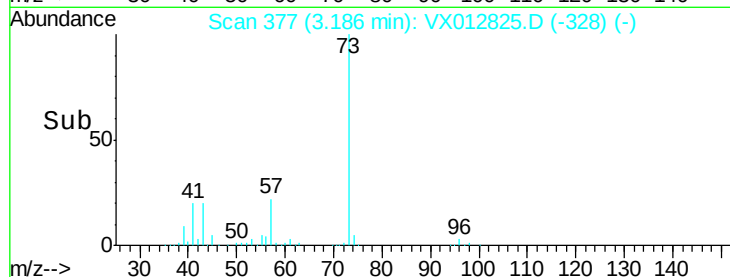
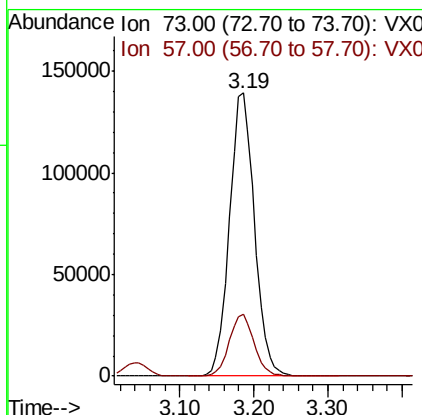
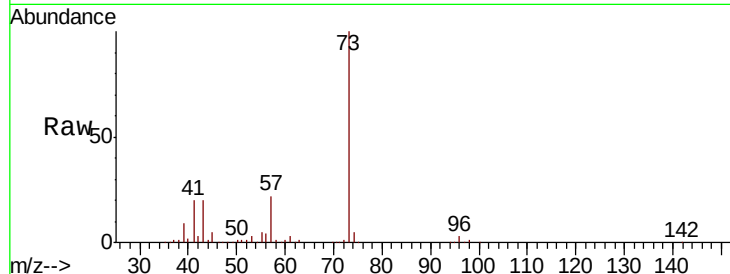
#19
Methyl tert-butyl Ether
Concen: 52.301 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.8	25.2

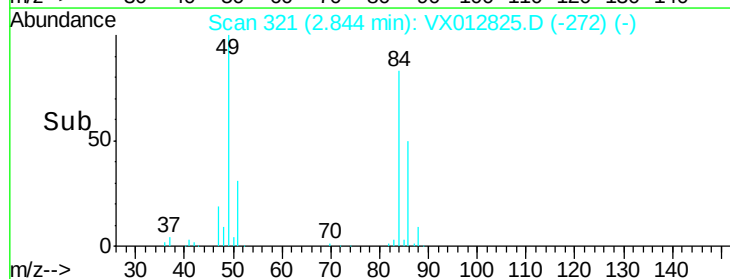
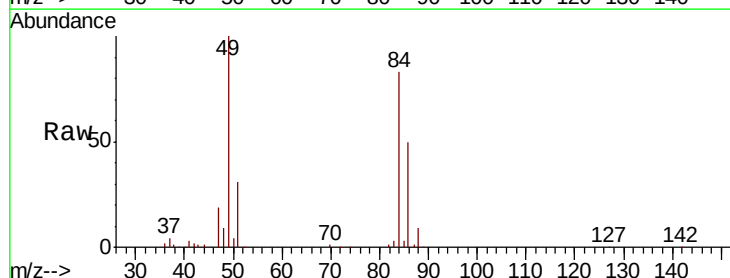
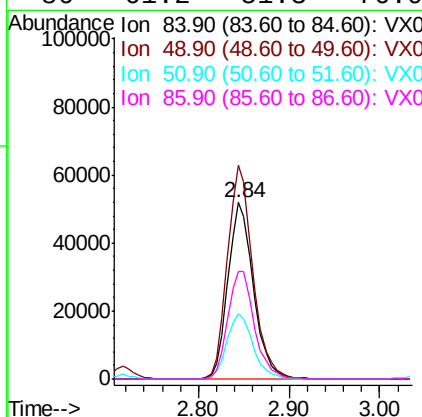
Manual Integrations
APPROVED

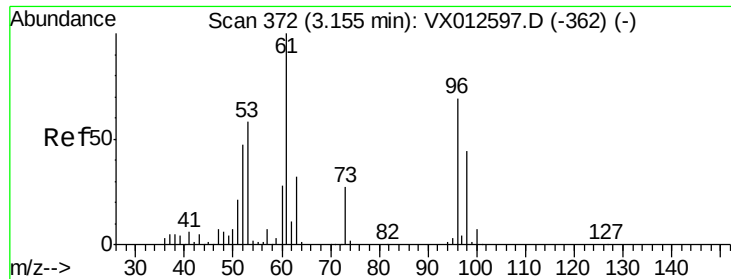
MMDadoda
10/7/2019 9:26:33 AM



#20
Methylene Chloride
Concen: 50.460 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.2	106.8	160.2
51	37.1	32.3	48.5
86	61.2	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 49.199 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

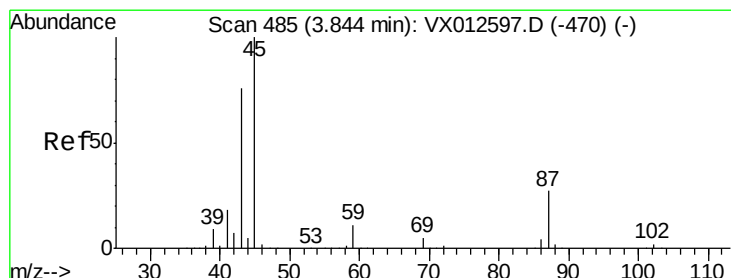
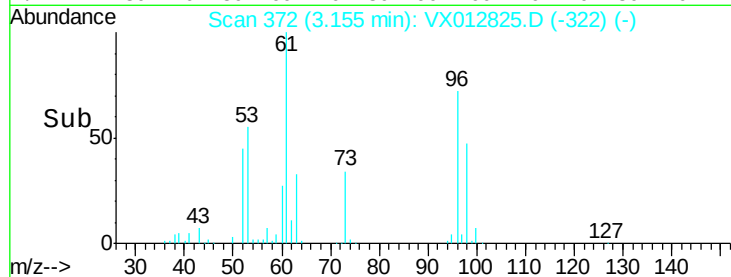
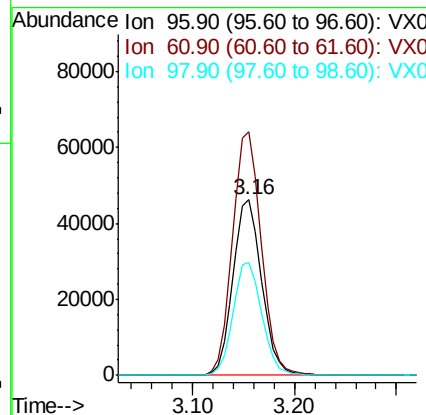
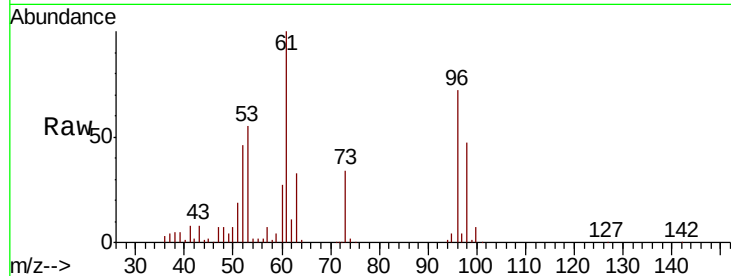
ClientSampleId :

SA-MW127D-20190930MS

Tot Ion:	96	Resp:	89951
Ion	Ratio	Lower	Upper
96	100		
61	139.0	112.0	168.0
98	64.8	47.8	71.8

Manual Integrations
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MMDadoda
10/7/2019 9:26:33 AM



#22

Diisopropyl ether

Concen: 50.614 ug/l

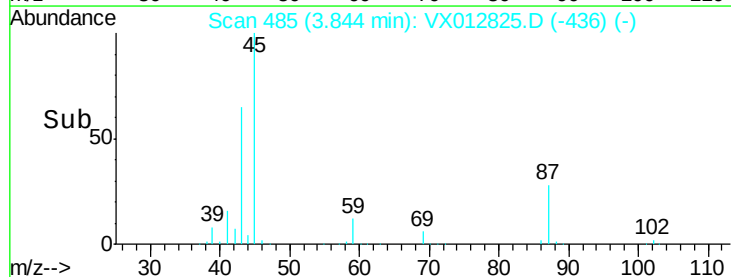
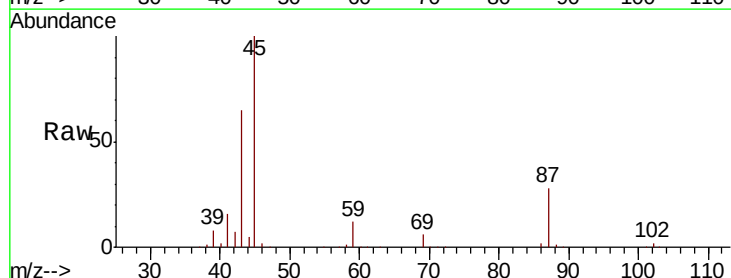
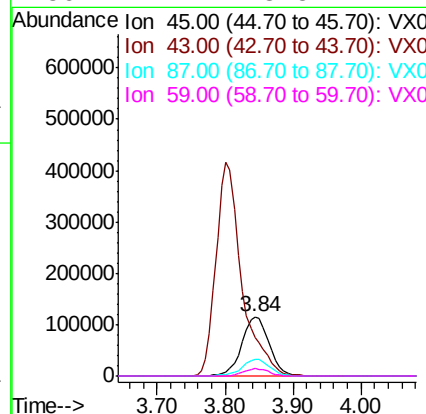
RT: 3.84 min Scan# 485

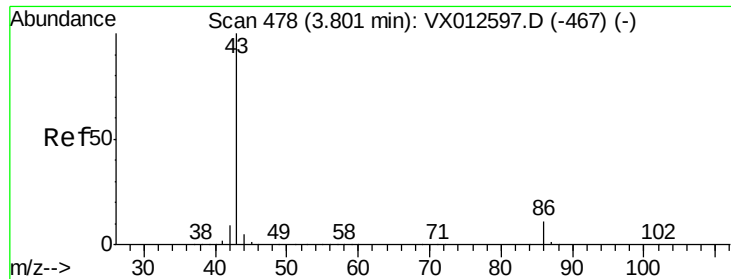
Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Tgt Ion:	45	Resp:	320217
Ion	Ratio	Lower	Upper
45	100		
43	65.0	57.8	86.8
87	27.8	21.3	31.9
59	12.1	8.5	12.7





#23

Vinyl Acetate

Concen: 197.279 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

Tot Ion: 43 Resp: 1094532

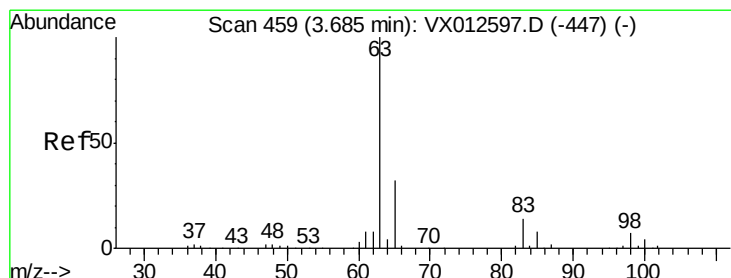
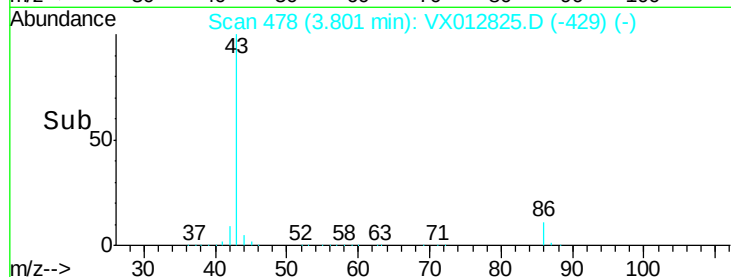
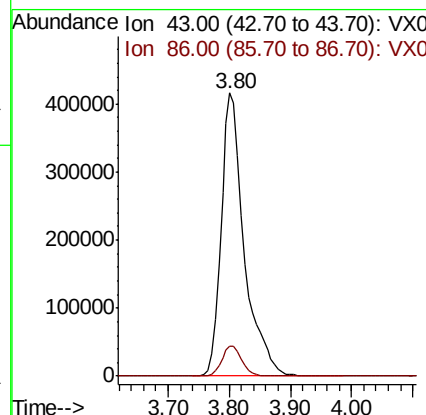
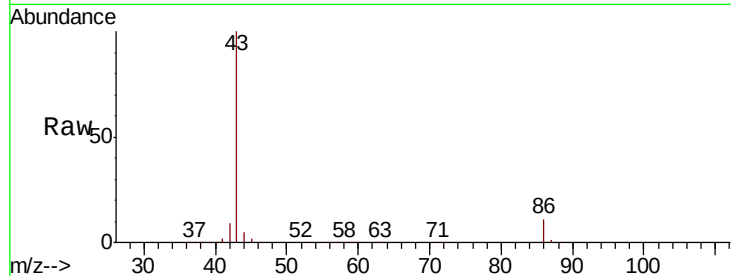
Ion Ratio Lower Upper

43 100

86 10.7 7.8 11.8

Manual Integrations
APPROVED

MMDadoda
10/7/2019 9:26:33 AM



#24

1,1-Dichloroethane

Concen: 50.844 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

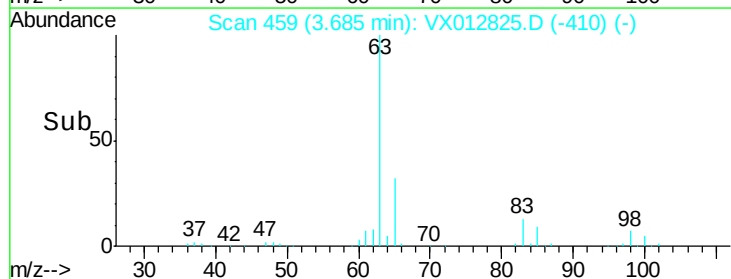
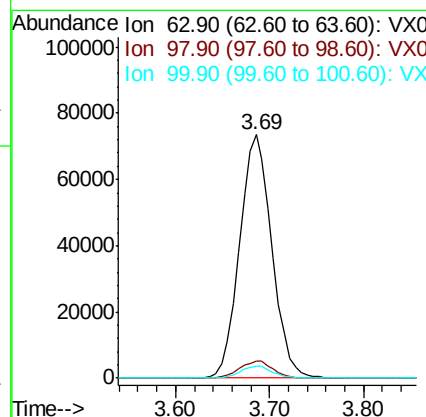
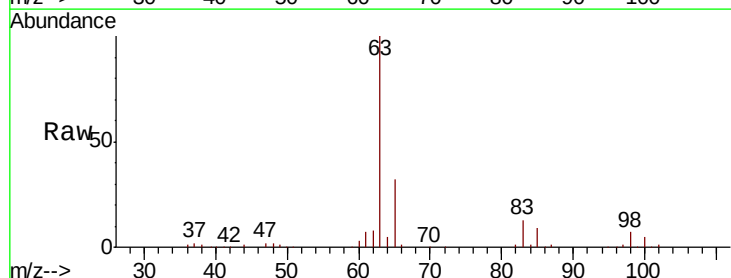
Tgt Ion: 63 Resp: 174851

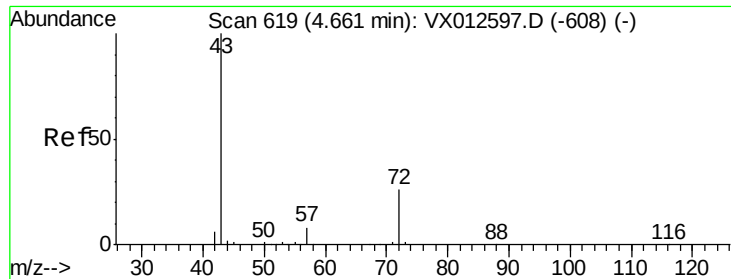
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

100 5.1 2.3 6.9





#25

2-Butanone

Concen: 242.853 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

Tot Ion: 43 Resp: 412250

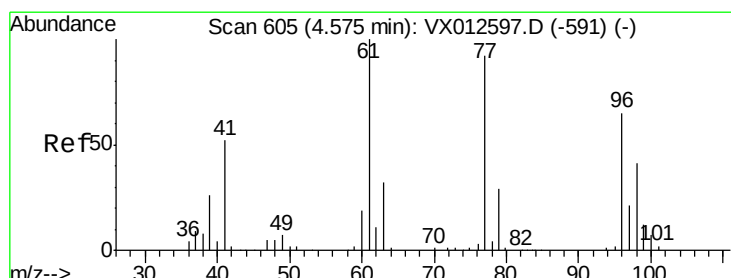
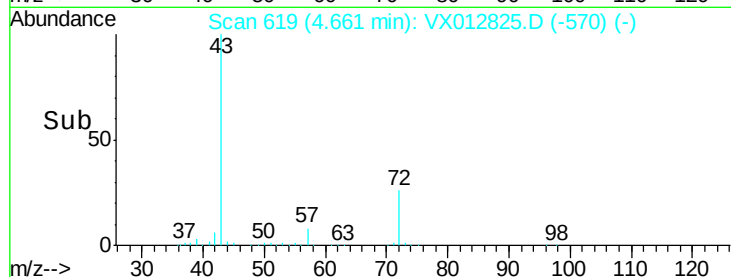
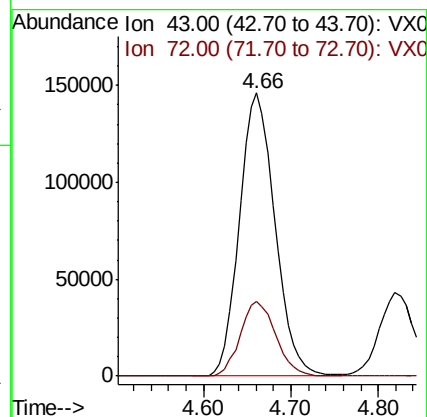
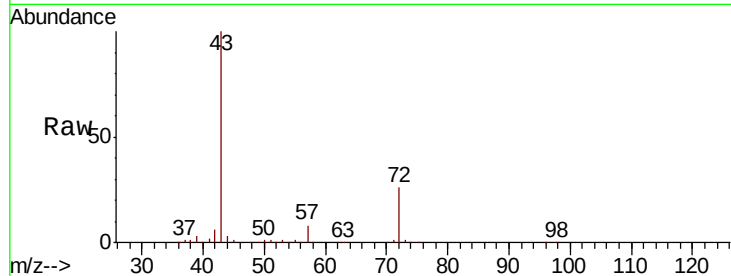
Ion Ratio Lower Upper

43 100

72 26.2 19.2 28.8

Manual Integrations
APPROVED

MMDadoda
10/7/2019 9:26:33 AM



#26

2,2-Dichloropropane

Concen: 22.141 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012825.D

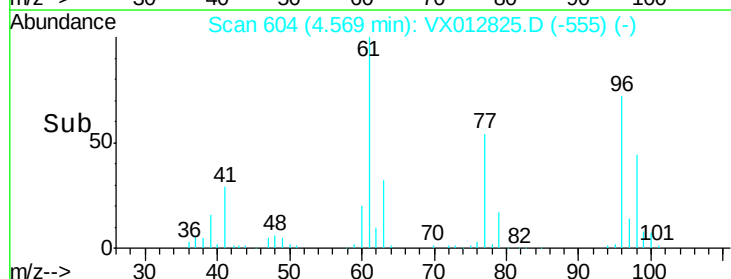
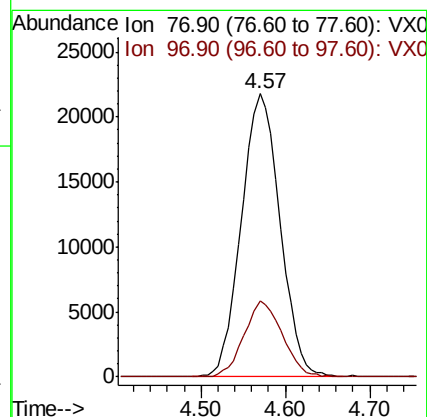
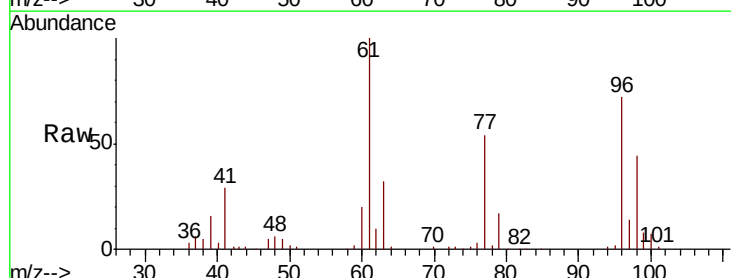
Acq: 04 Oct 2019 20:28

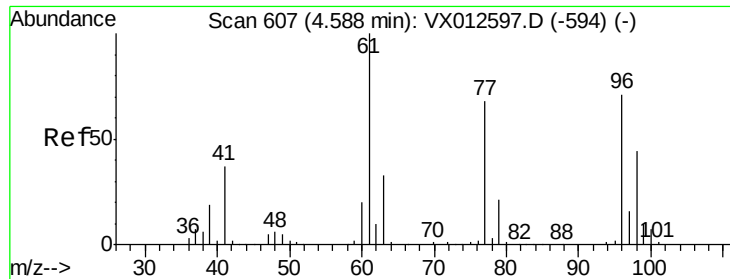
Tgt Ion: 77 Resp: 67721

Ion Ratio Lower Upper

77 100

97 26.5 10.5 31.6





#27

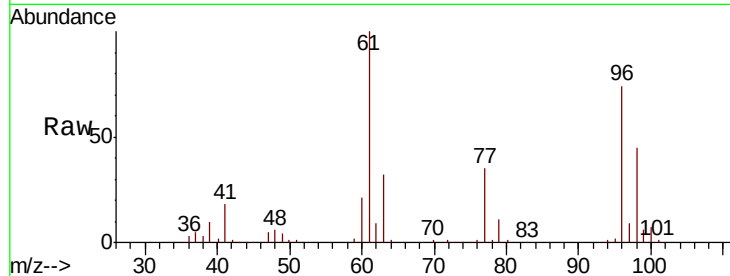
cis-1,2-Dichloroethene
Concen: 51.032 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

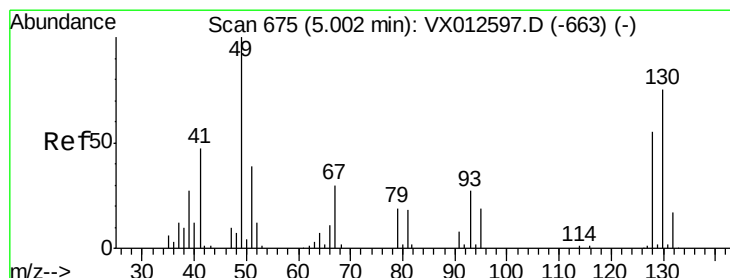
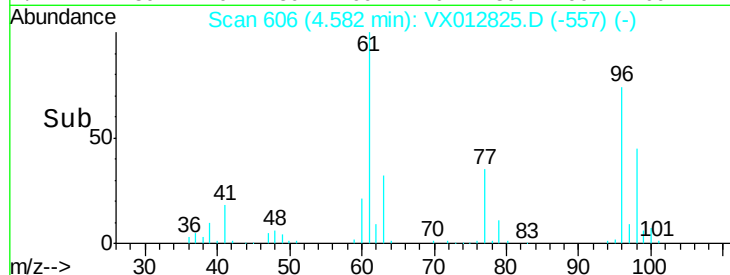
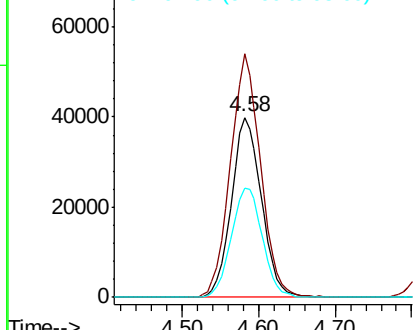
Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	136.1	0.0	319.4	
98	63.1	0.0	130.6	

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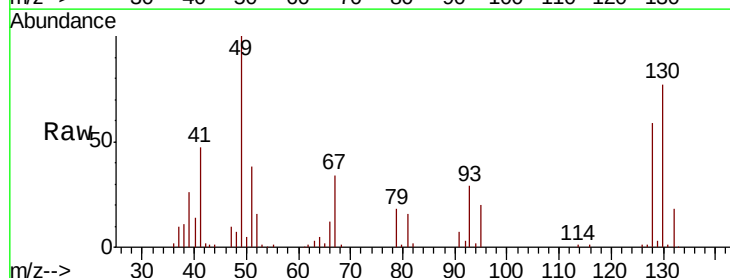
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



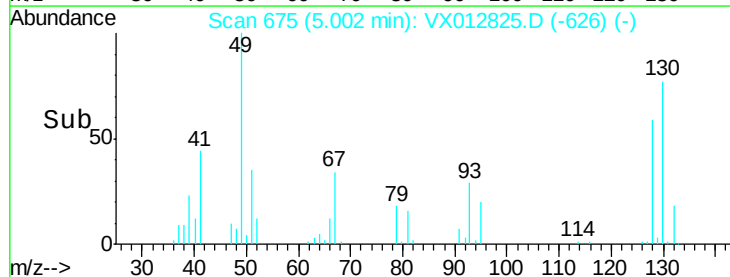
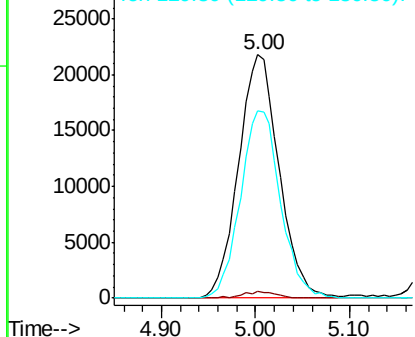
#28

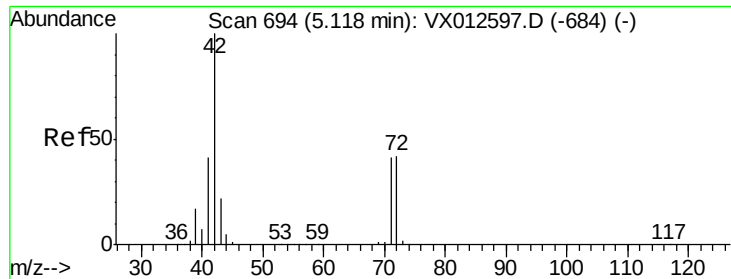
Bromochloromethane
Concen: 52.572 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	3.8	
130	76.1	58.2	87.4	



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





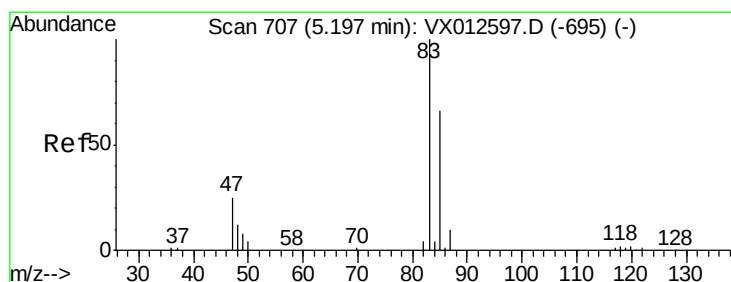
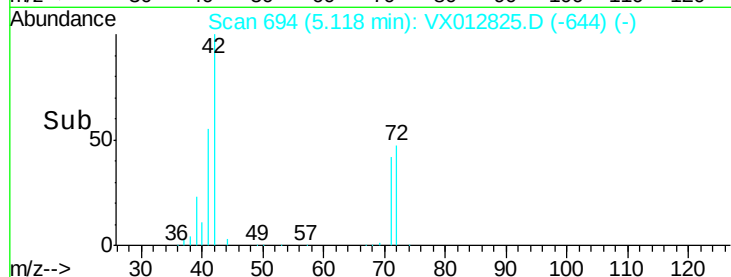
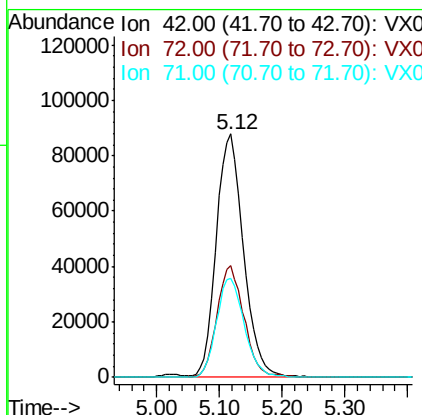
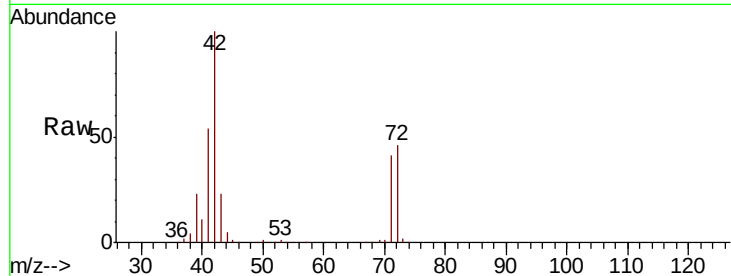
#29
Tetrahydrofuran
Concen: 254.519 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	34.0	51.0
71	41.6	31.5	47.3

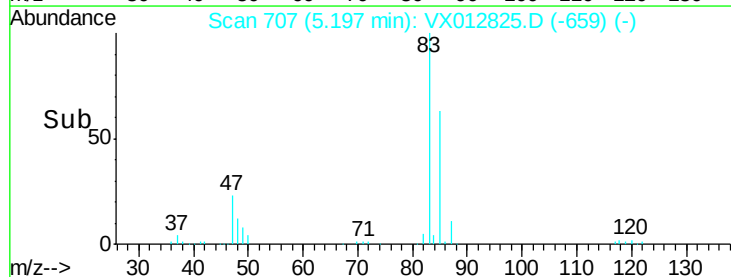
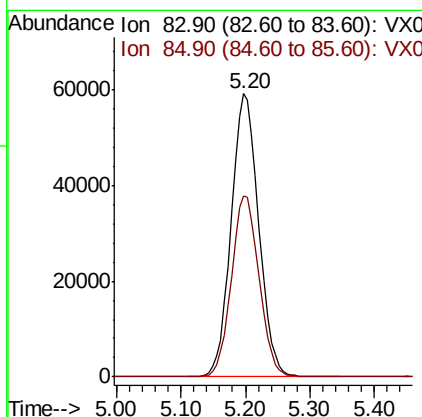
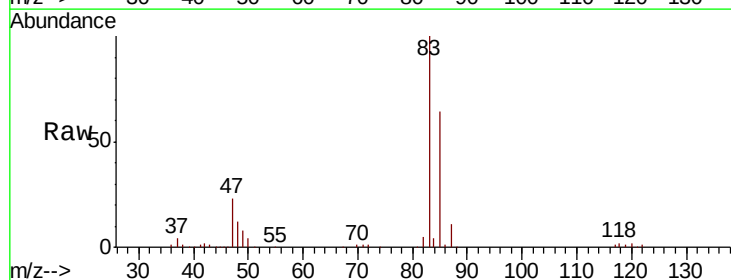
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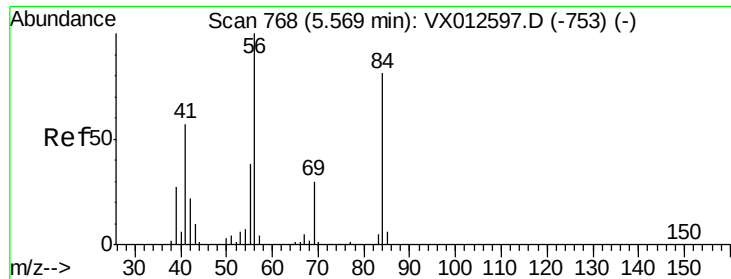
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#30
Chloroform
Concen: 50.057 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.0	79.4





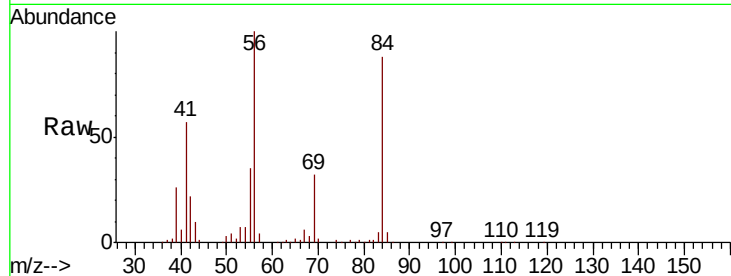
#31
Cyclohexane
Concen: 46.590 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

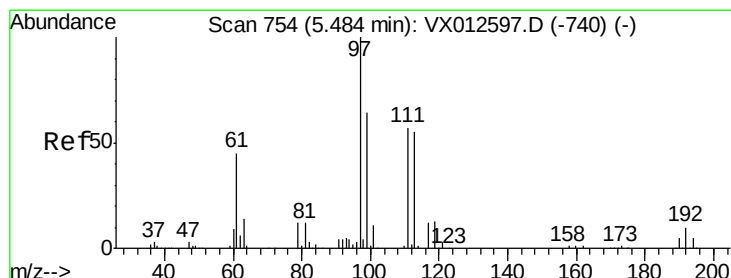
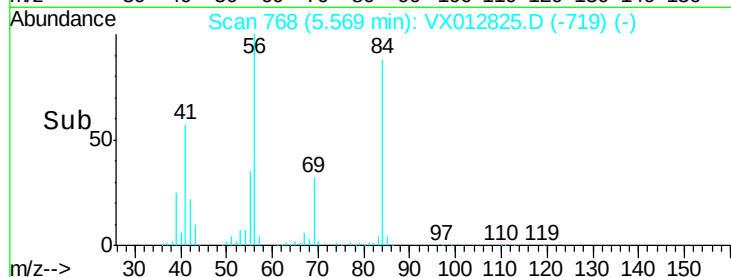
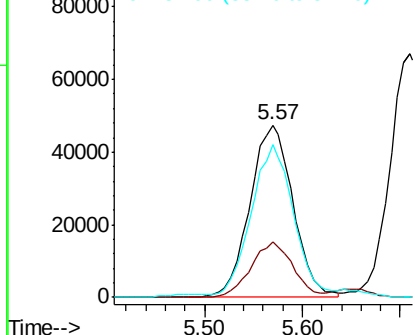
Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.0	37.6
84	86.6	66.4	99.6

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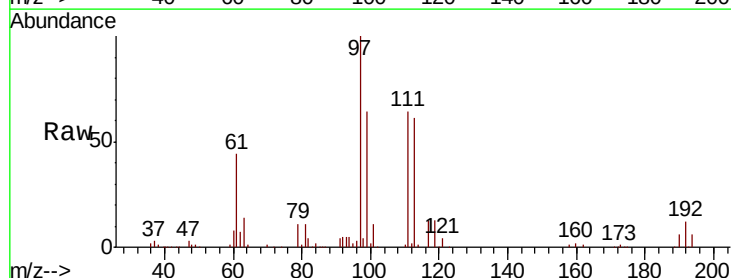


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

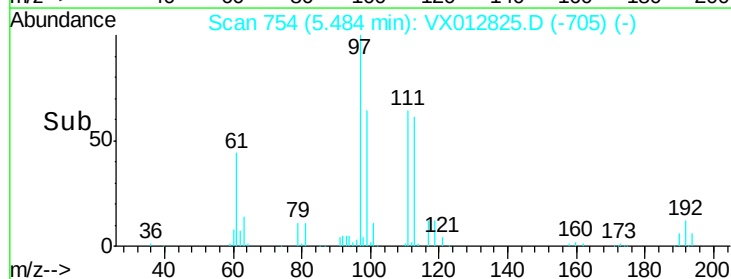
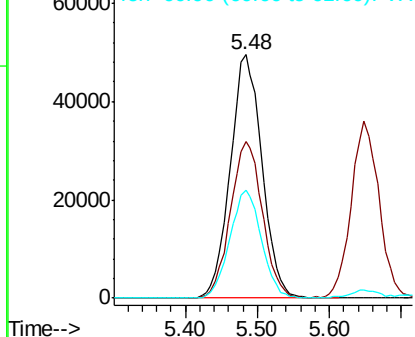


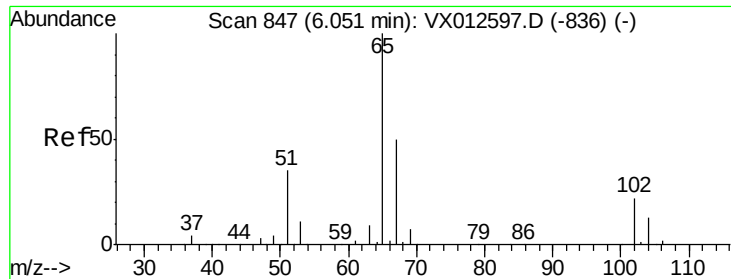
#32
1,1,1-Trichloroethane
Concen: 48.559 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.3	76.9
61	44.3	36.1	54.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





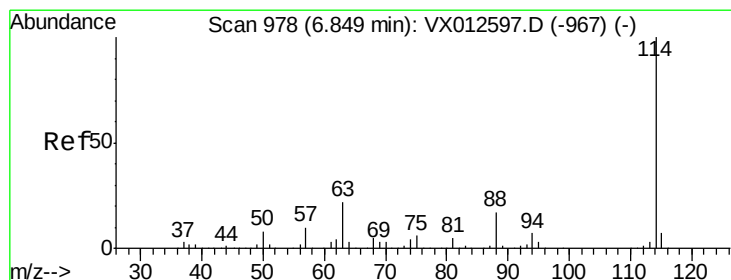
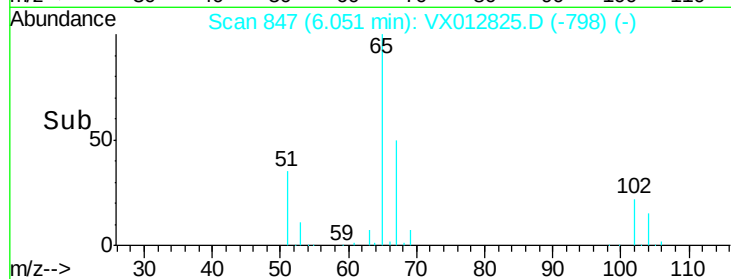
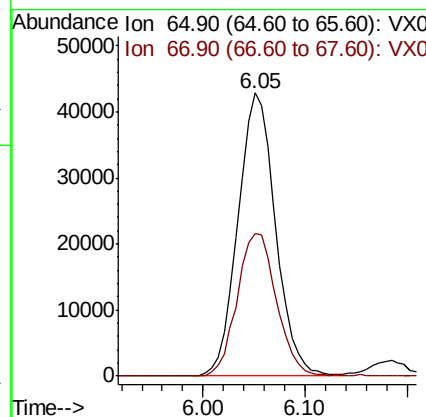
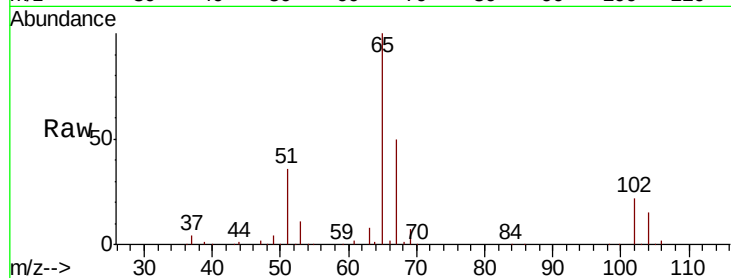
#33
 1,2-Dichloroethane-d4
 Concen: 48.963 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	101.2

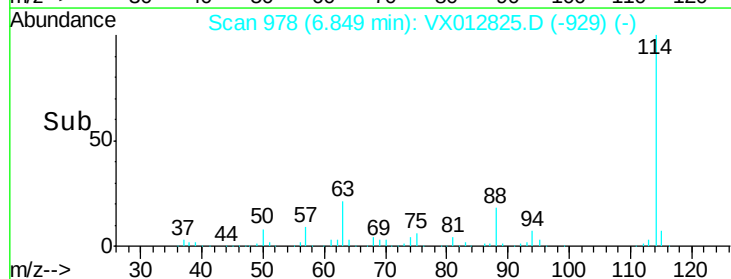
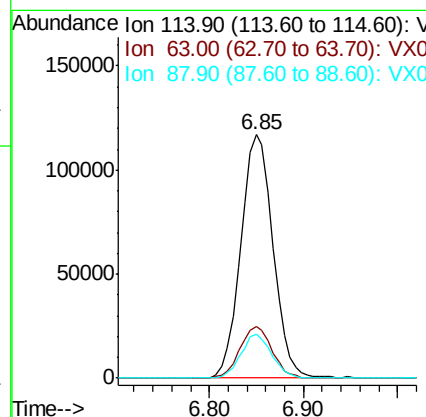
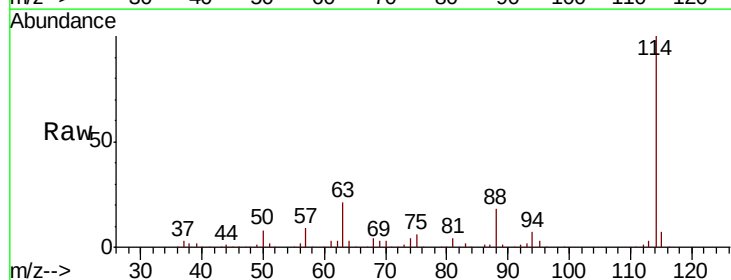
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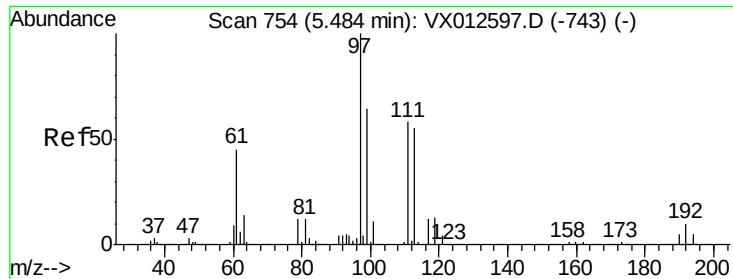
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.2
88	17.8	0.0	33.2





#35

Dibromofluoromethane

Concen: 52.630 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

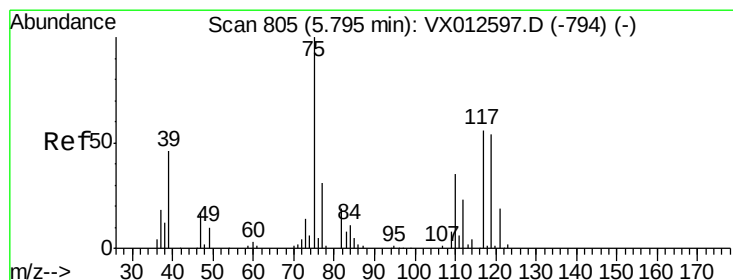
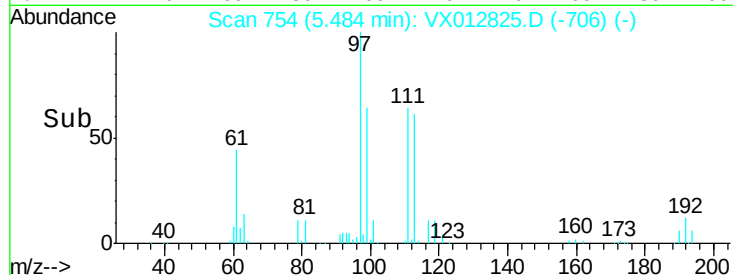
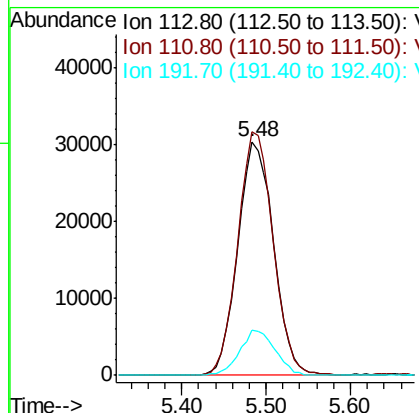
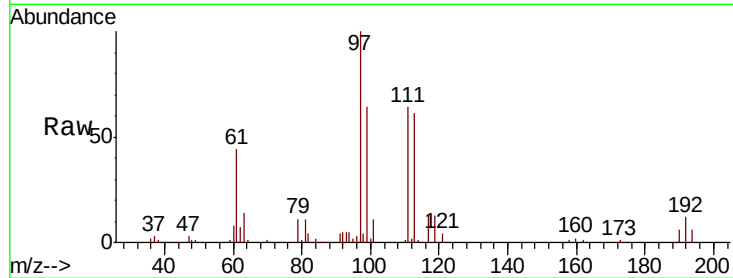
ClientSampleId :

SA-MW127D-20190930MS

Tot Ion:	113	Resp:	87150
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.2
192	19.1	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 47.132 ug/l

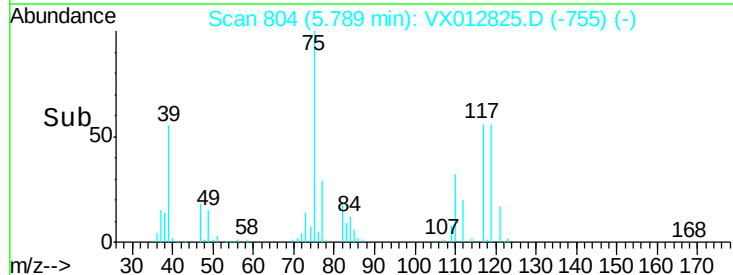
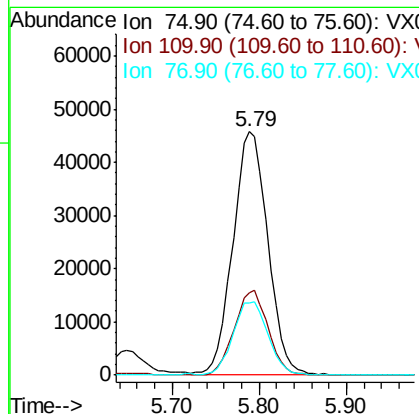
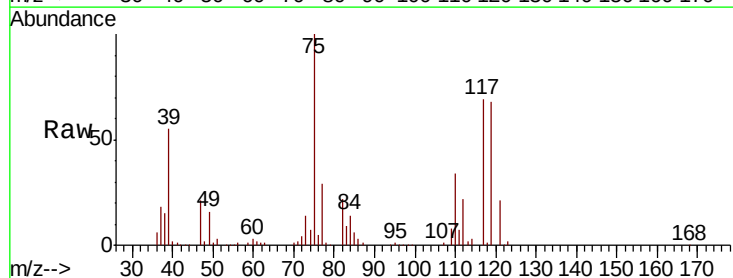
RT: 5.79 min Scan# 804

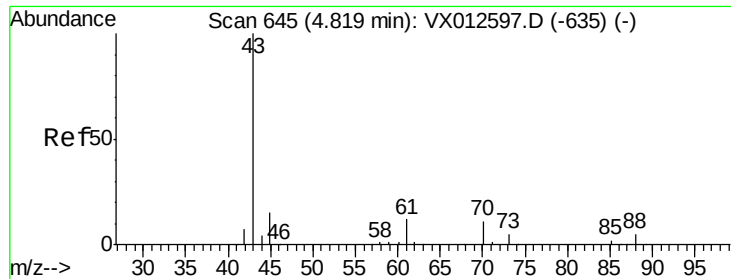
Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Tgt Ion:	75	Resp:	126318
Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.7	50.0
77	30.4	24.2	36.2





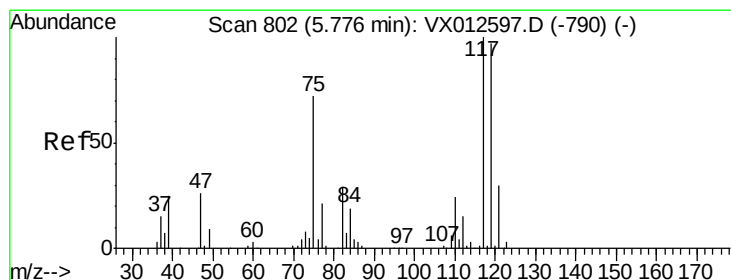
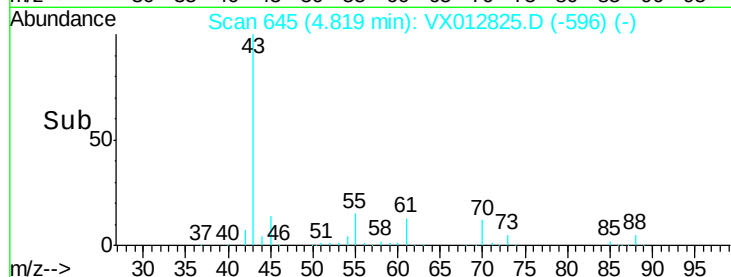
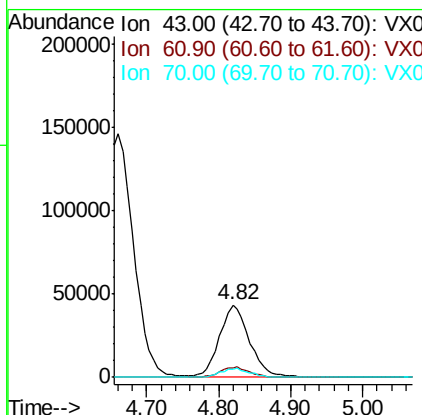
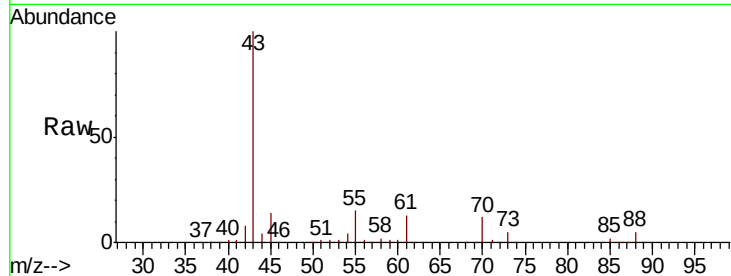
#37
Ethyl Acetate
Concen: 39.859 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.2	15.4
70	12.4	8.7	13.1

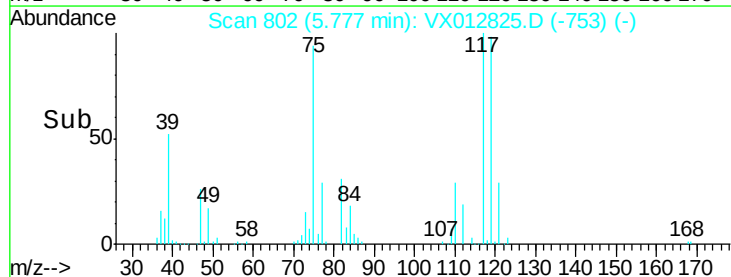
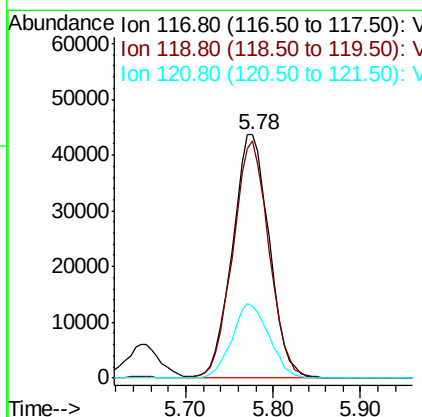
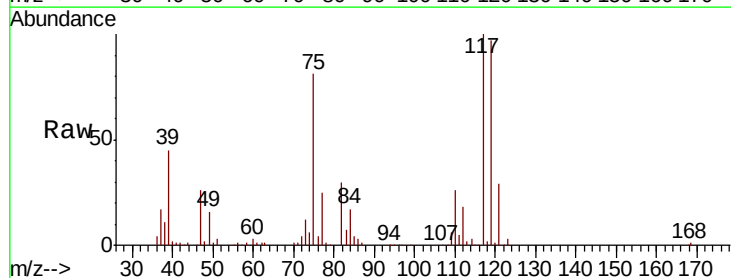
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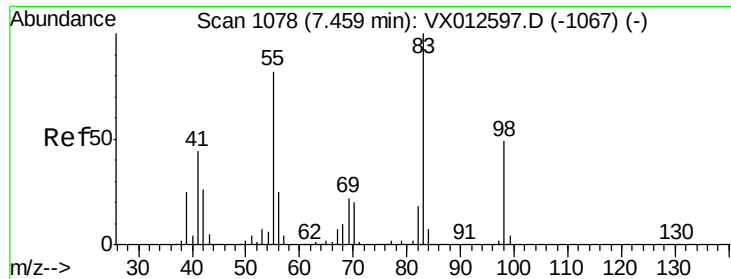
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#38
Carbon Tetrachloride
Concen: 47.049 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.7	113.5
121	29.4	24.2	36.4





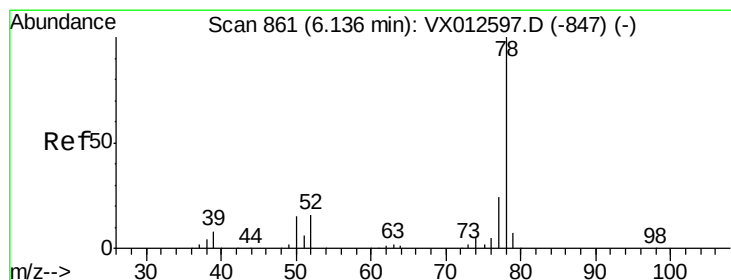
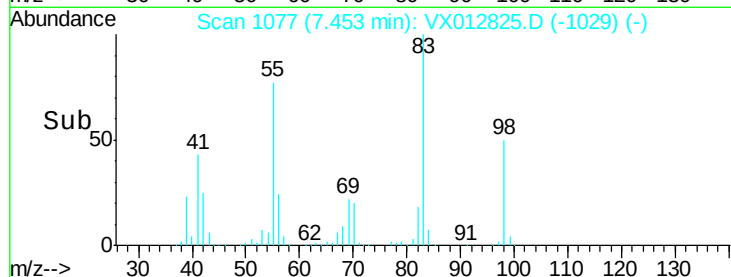
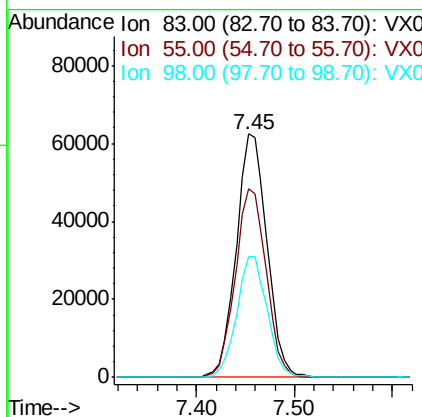
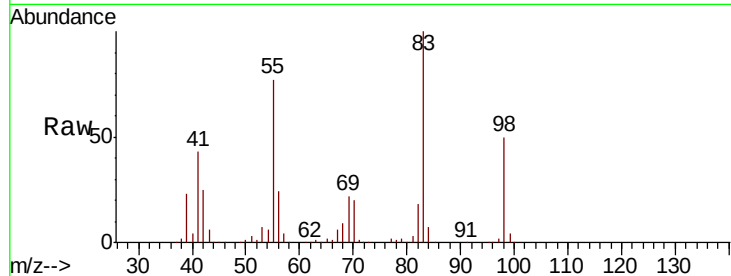
#39
Methylvlcyclohexane
Concen: 42.226 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	64.4	96.6
98	49.8	40.1	60.1

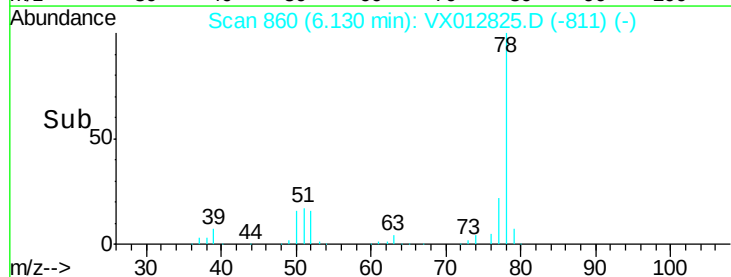
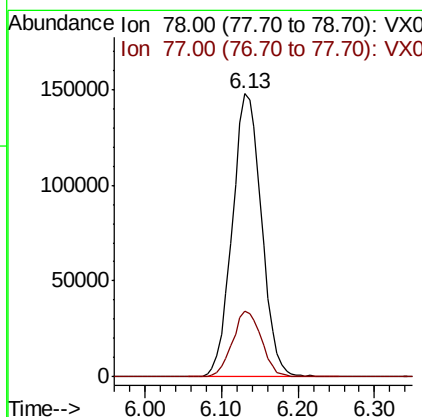
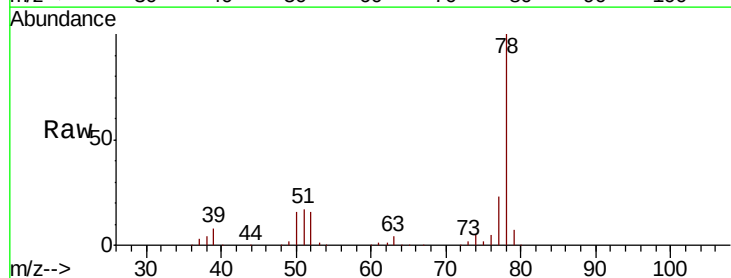
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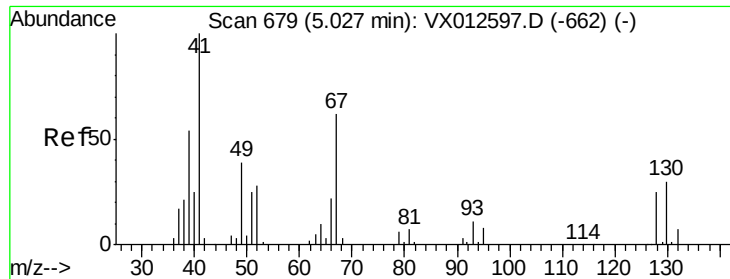
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#40
Benzene
Concen: 49.541 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8





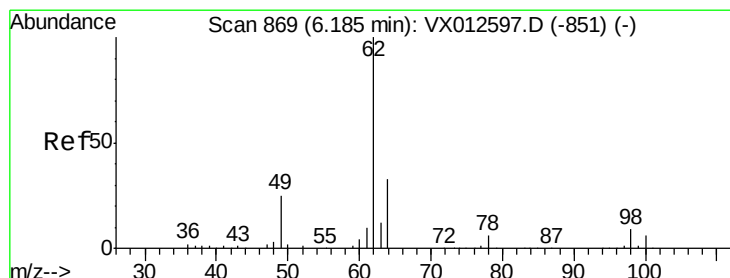
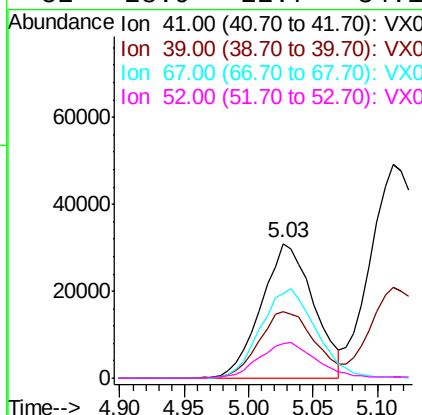
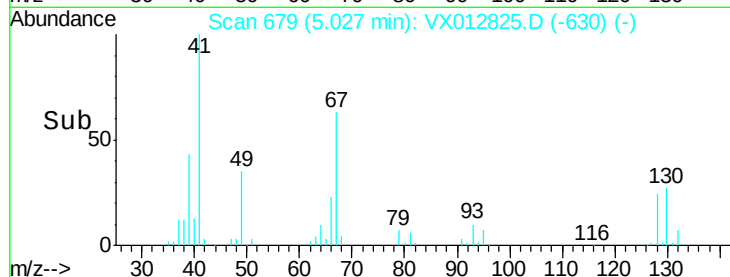
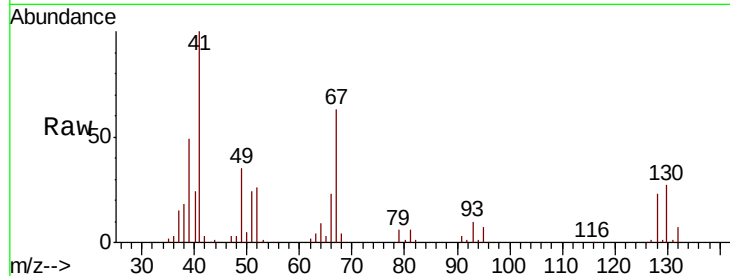
#41
Methacrylonitrile
Concen: 49.698 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	46.0	69.0	
67	70.9	52.2	78.2	
52	28.9	22.7	34.1	

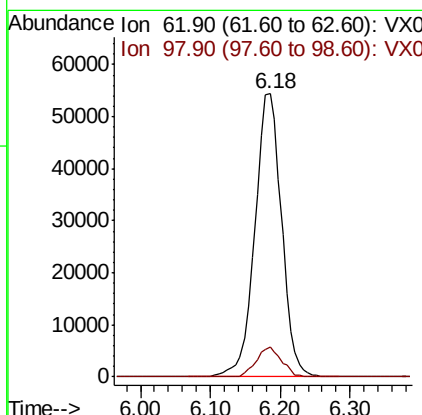
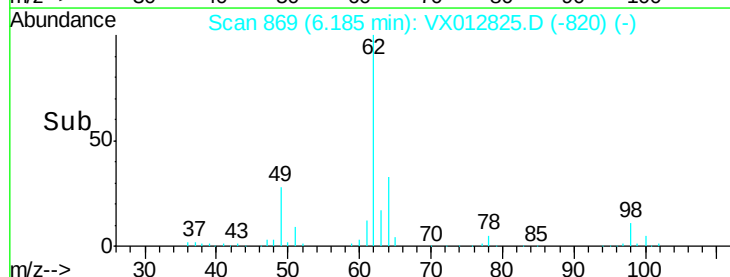
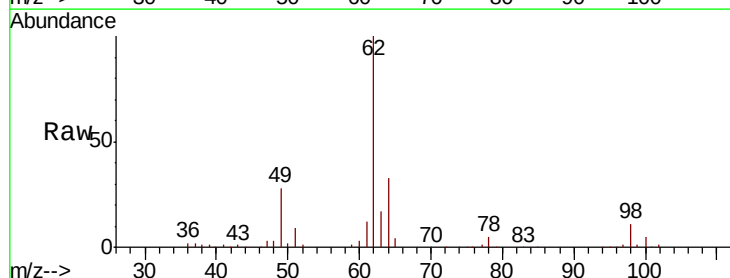
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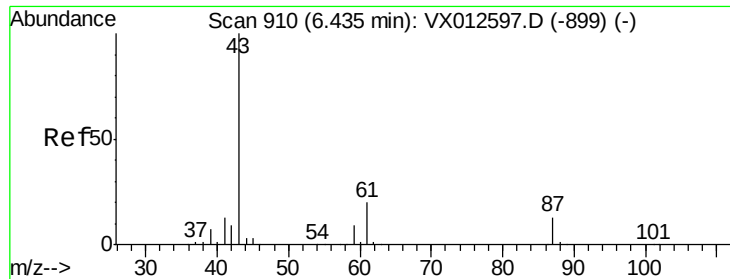
MMDadoda
10/7/2019 9:26:33 AM



#42
1,2-Dichloroethane
Concen: 48.385 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	17.8	





#43

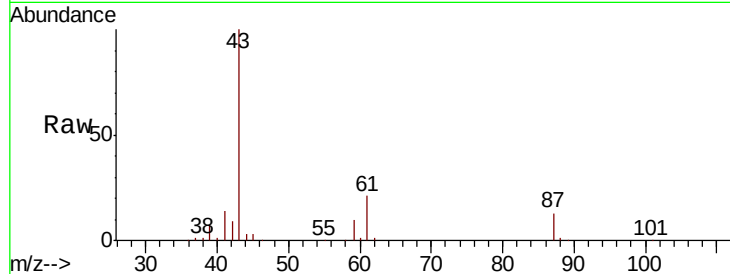
Isopropyl Acetate
 Concen: 42.607 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

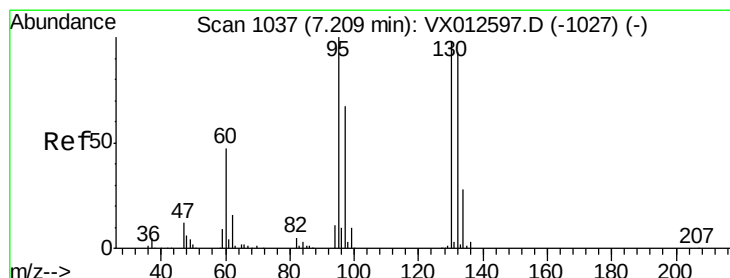
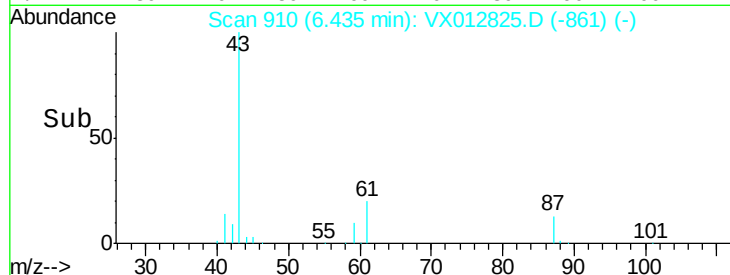
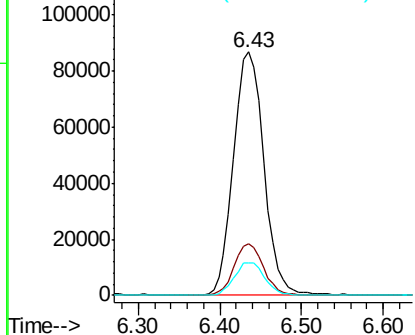
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	15.4	23.0
87	13.6	9.8	14.8

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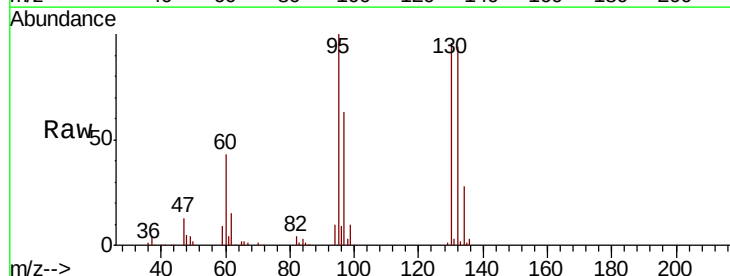
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



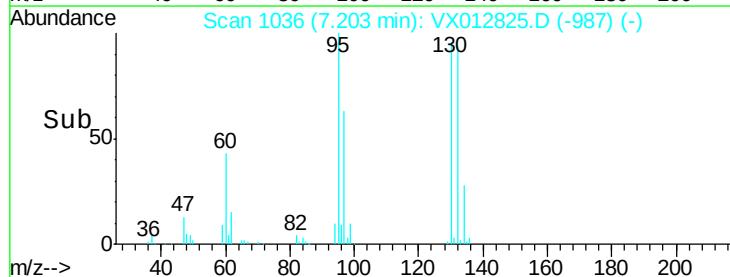
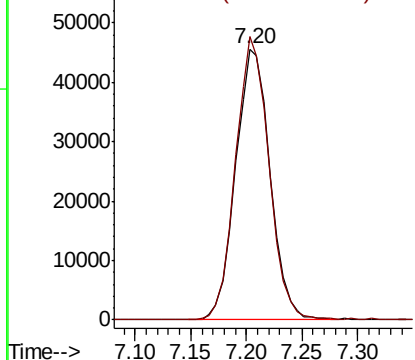
#44

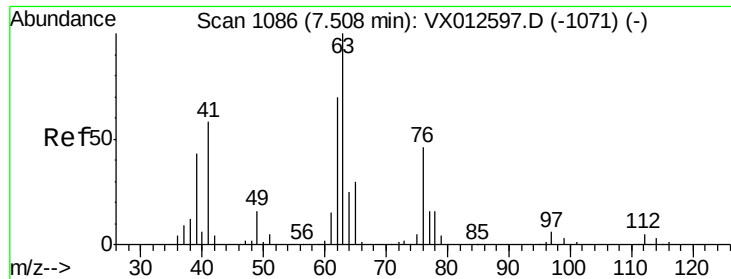
Trichloroethene
 Concen: 48.526 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	193.0



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





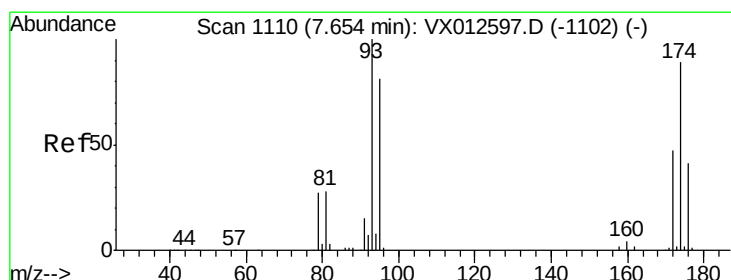
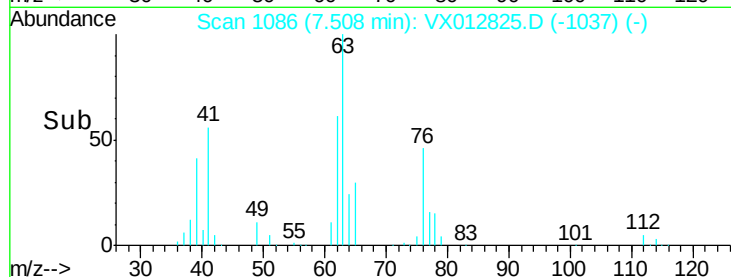
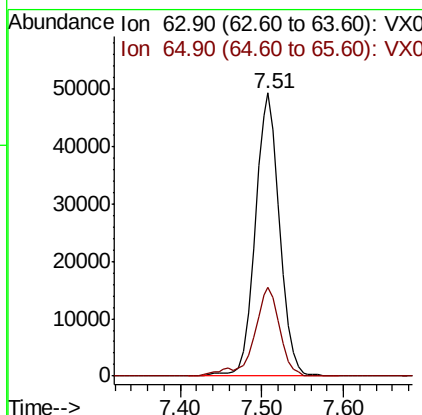
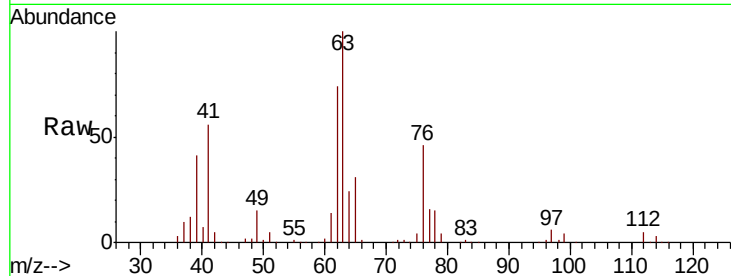
#45
 1,2-Dichloropropane
 Concen: 50.794 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

Tot Ion: 63 Resp: 102548
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6

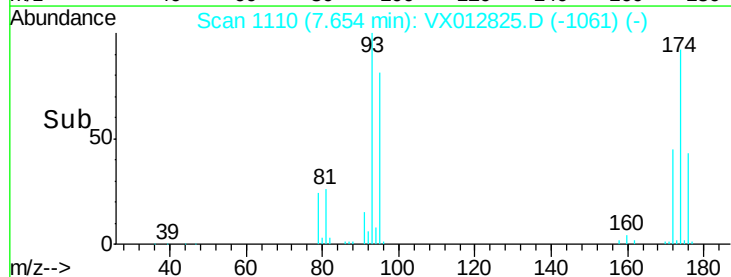
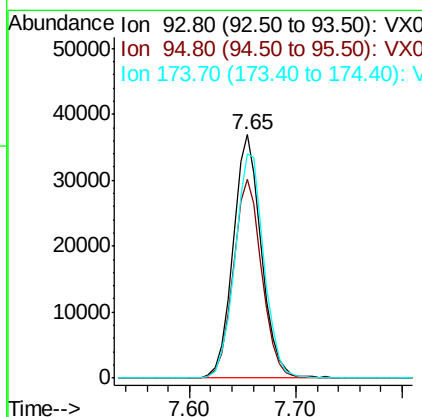
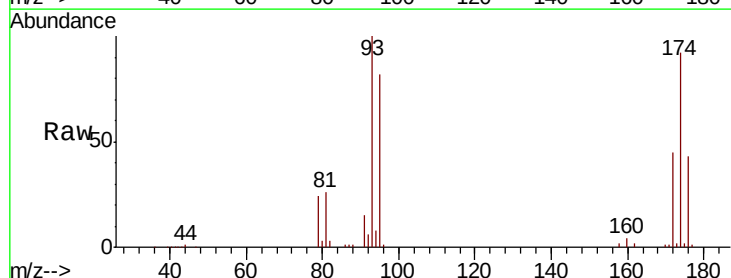
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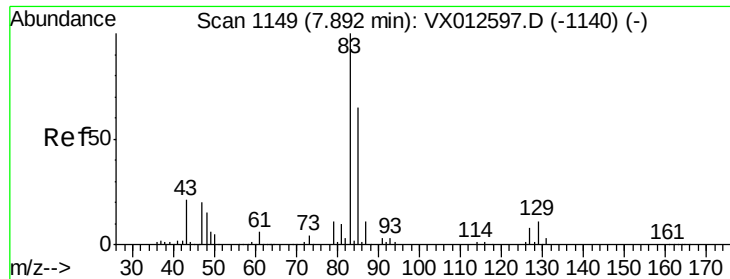
MMDadoda
 10/7/2019 9:26:33 AM



#46
 Dibromomethane
 Concen: 49.848 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion: 93 Resp: 68520
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.6 100.0
 174 95.1 77.4 116.0





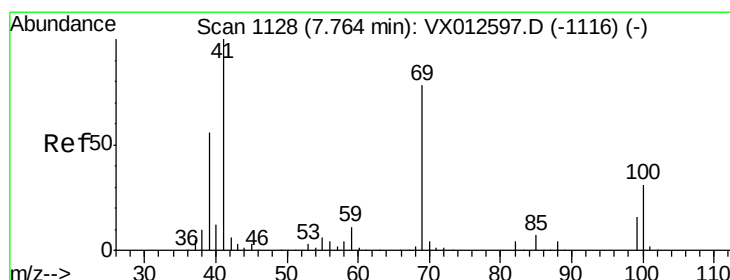
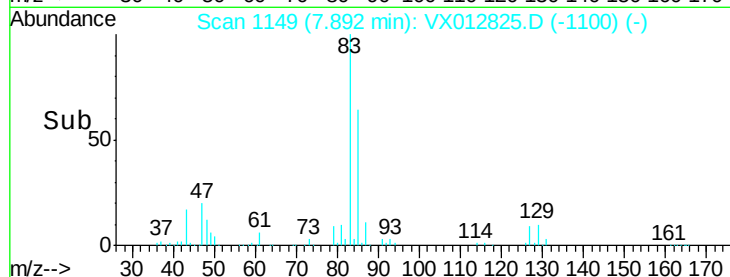
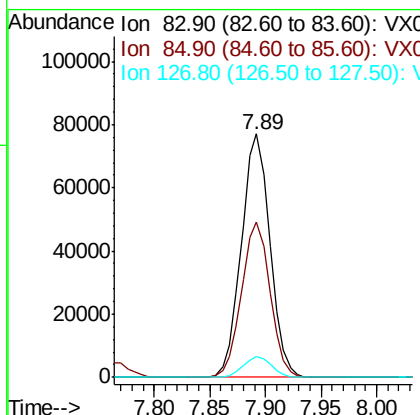
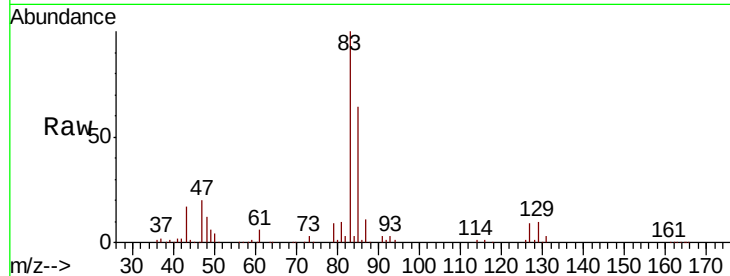
#47
Bromodichloromethane
Concen: 50.080 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion	83	Resp	137583
Ion Ratio	100		
Lower	51.8		
Upper	77.6		
85	63.7		
127	8.7		

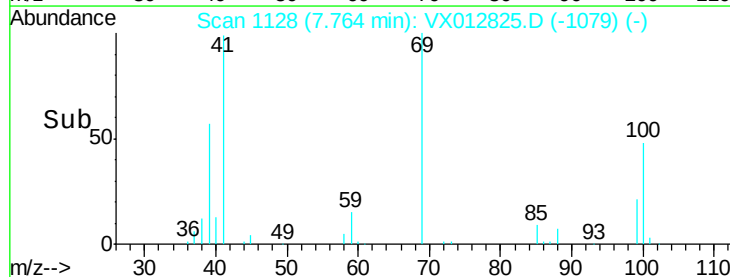
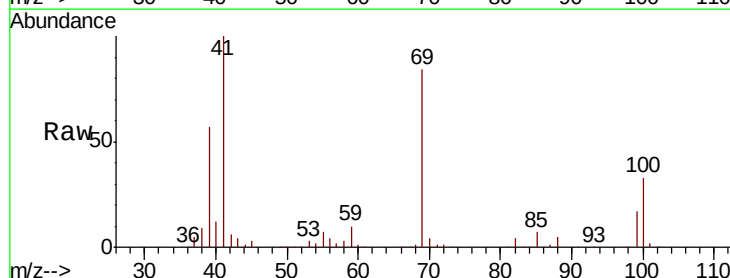
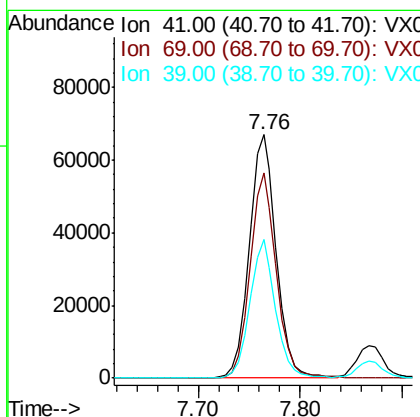
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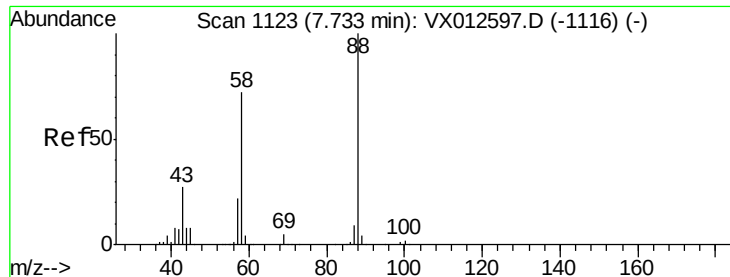
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#48
Methyl methacrylate
Concen: 48.984 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	41	Resp	123072
Ion Ratio	100		
Lower	59.9		
Upper	89.9		
69	82.2		
39	54.3		





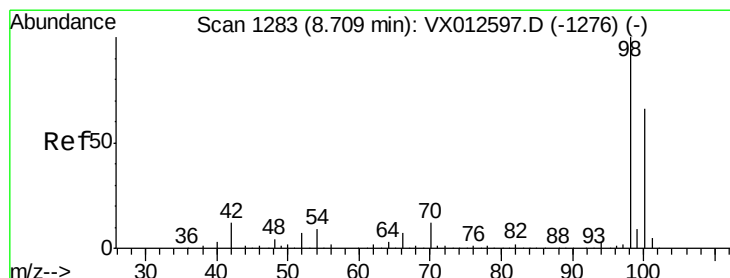
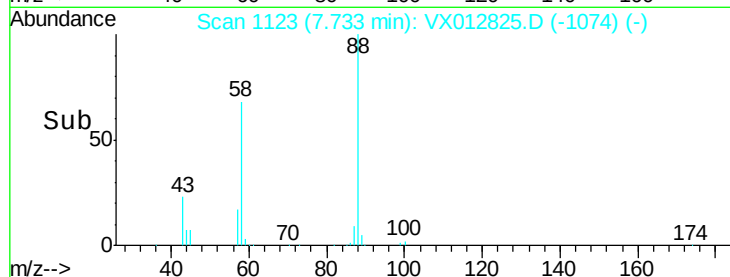
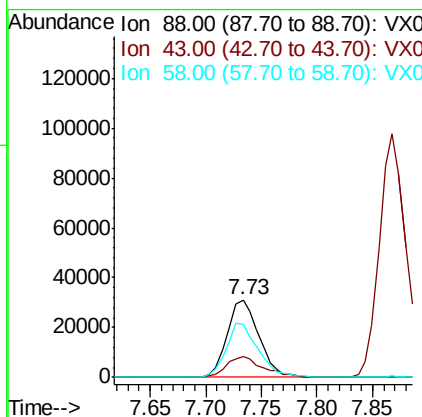
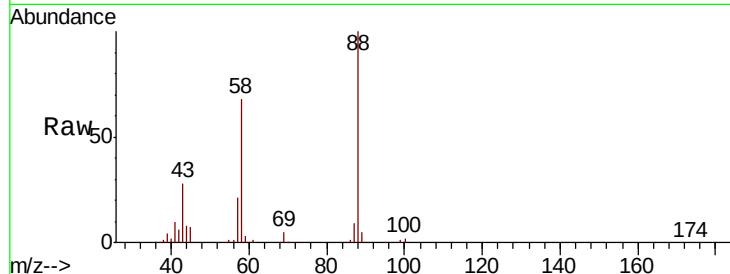
#49
1,4-Dioxane
Concen: 1080.684 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	29.4	44.0
58	70.8	57.5	86.3

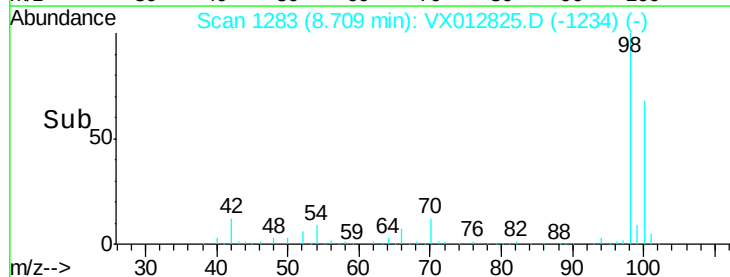
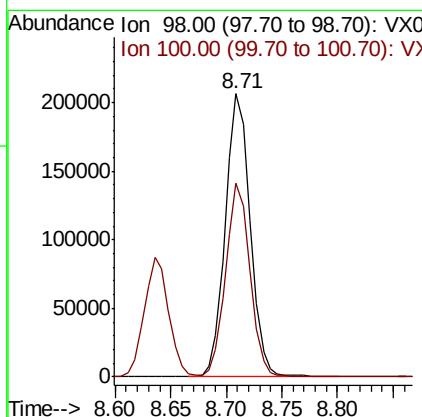
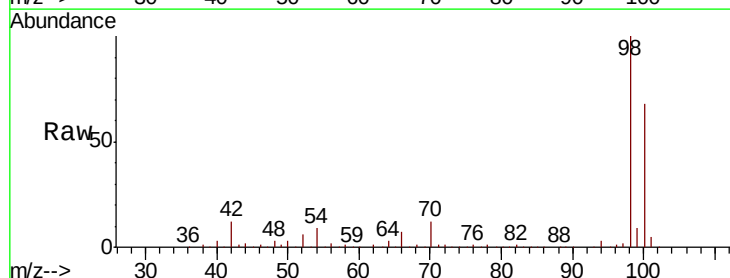
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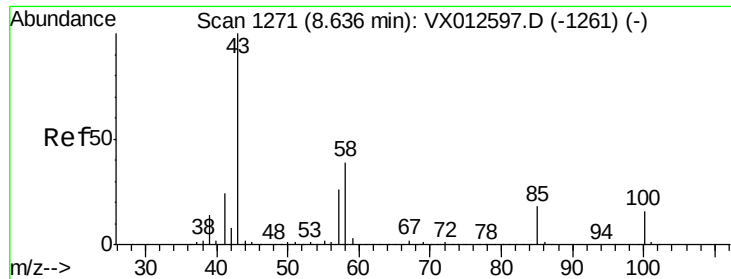
MMDadoda
10/7/2019 9:26:33 AM



#50
Toluene-d8
Concen: 50.322 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 246.631 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

Tot Ion: 43 Resp: 797726

Ion Ratio Lower Upper

43 100

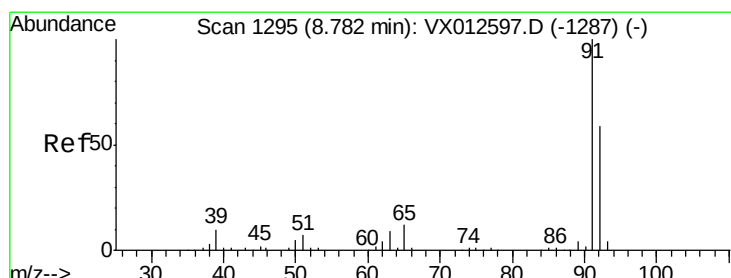
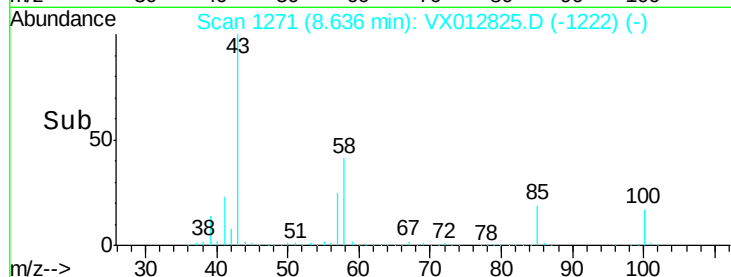
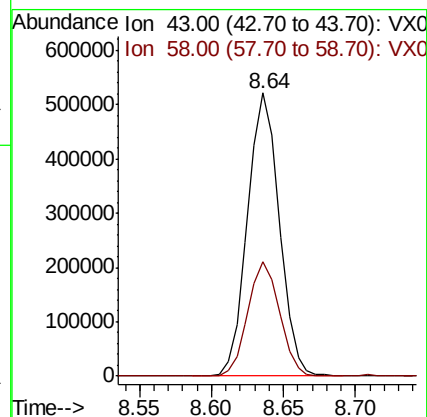
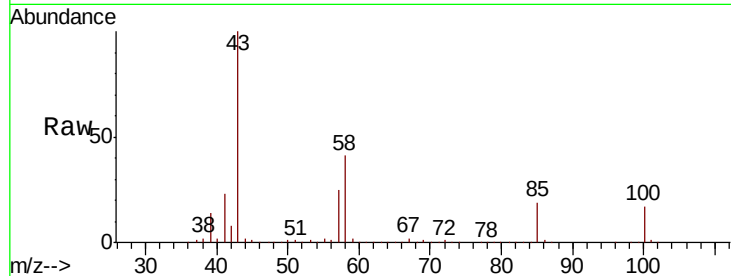
58 40.5 29.8 44.6

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#52

Toluene

Concen: 49.107 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012825.D

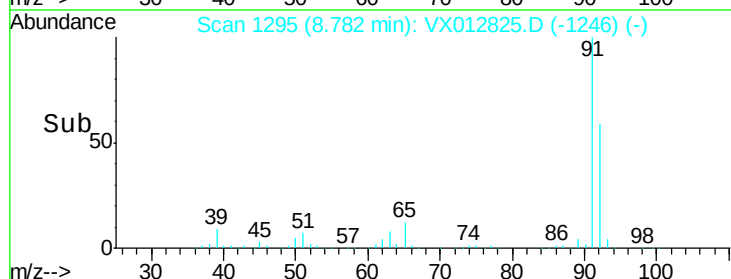
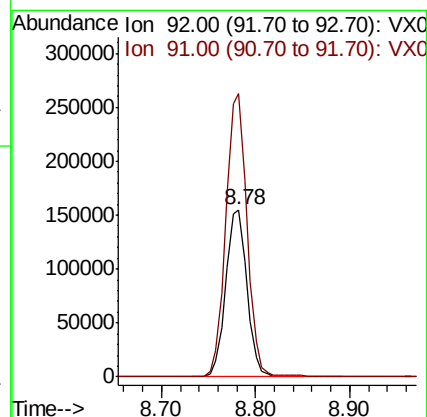
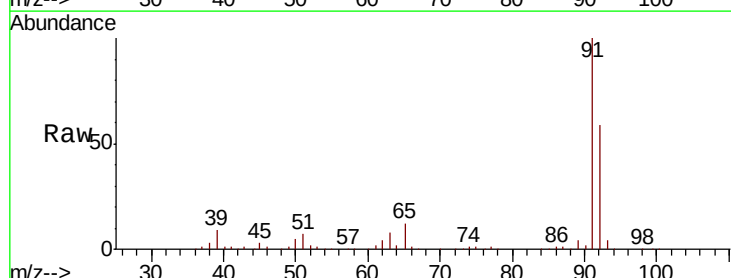
Acq: 04 Oct 2019 20:28

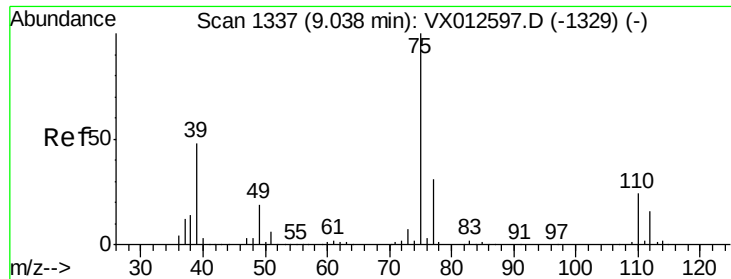
Tgt Ion: 92 Resp: 243382

Ion Ratio Lower Upper

92 100

91 168.6 135.4 203.0





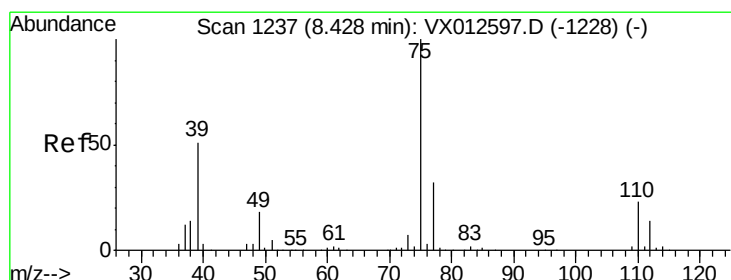
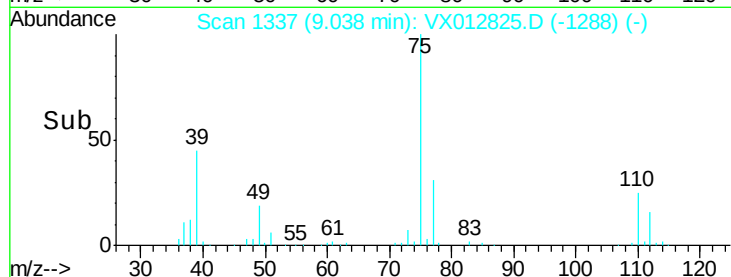
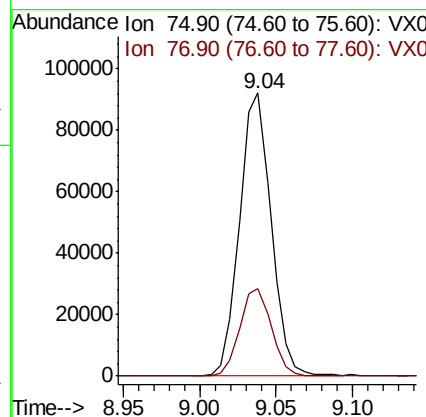
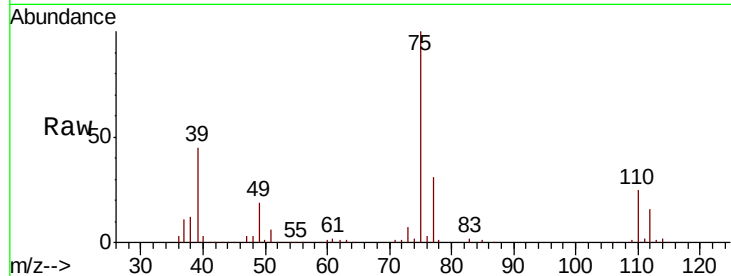
#53
t-1,3-Dichloropropene
Concen: 43.497 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion: 75 Resp: 132213
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8

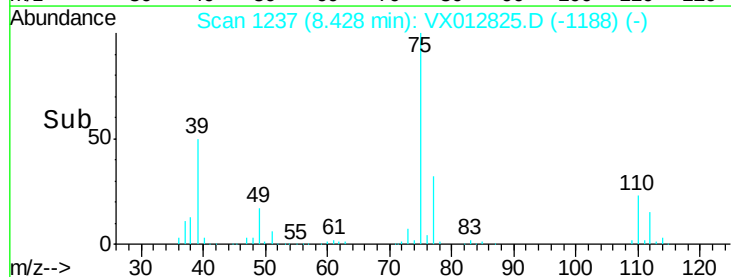
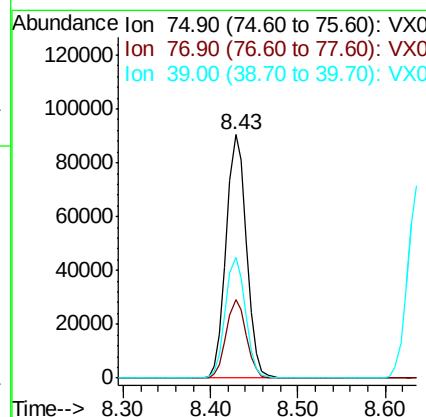
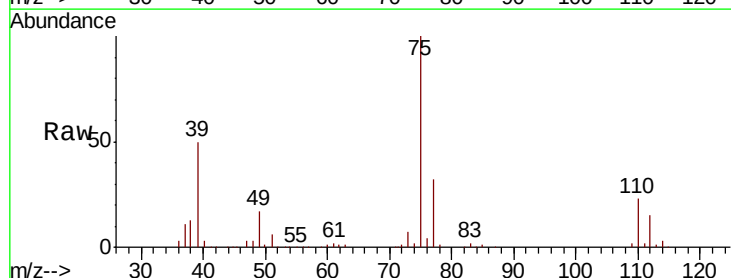
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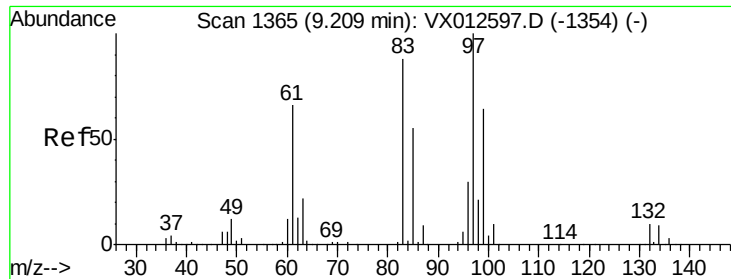
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#54
cis-1,3-Dichloropropene
Concen: 43.810 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion: 75 Resp: 145395
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
39 49.6 45.5 68.3





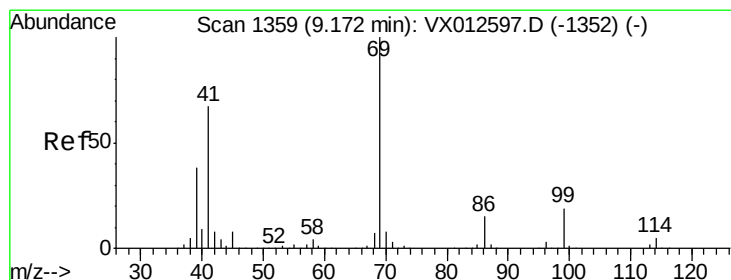
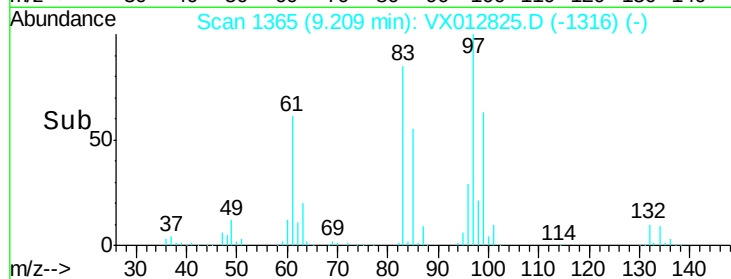
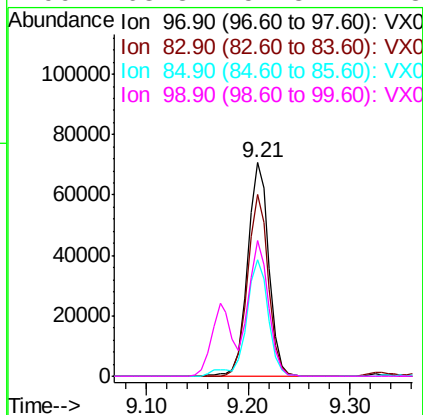
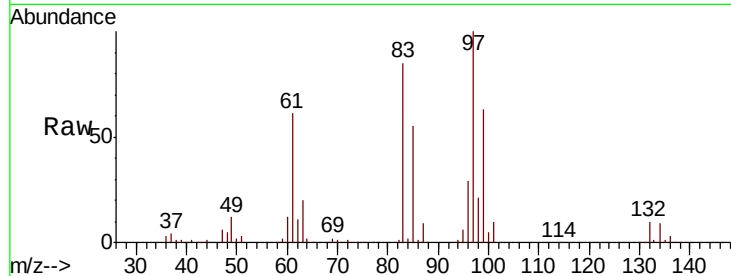
#55
 1,1,2-Trichloroethane
 Concen: 51.860 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

Tot Ion:	97	Resp:	102187
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.4	101.2
85	54.7	43.5	65.3
99	63.3	51.8	77.8

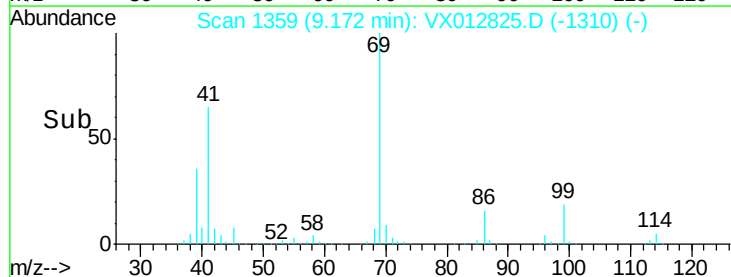
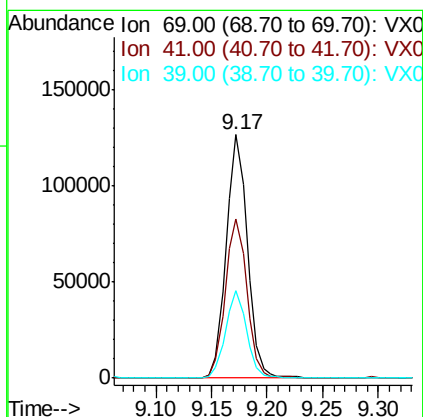
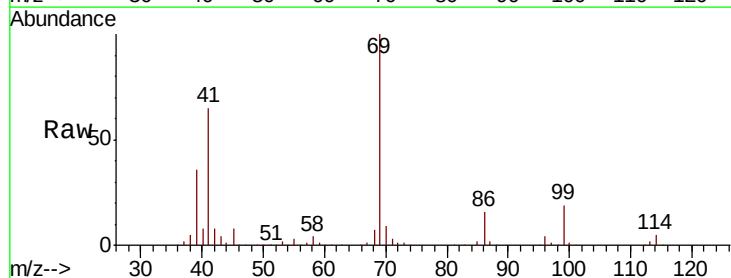
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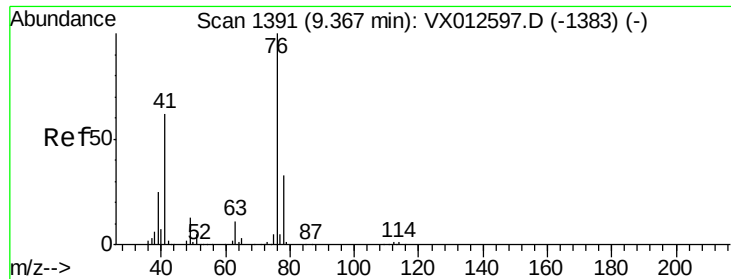
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#56
 Ethyl methacrylate
 Concen: 50.751 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion:	69	Resp:	168003
Ion	Ratio	Lower	Upper
69	100		
41	66.4	58.4	87.6
39	35.4	33.4	50.0





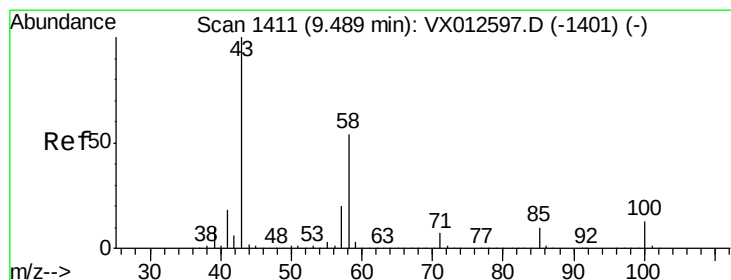
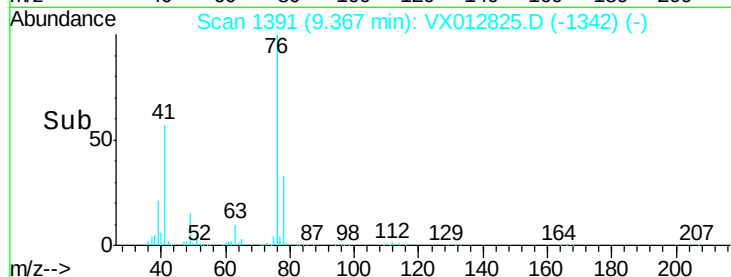
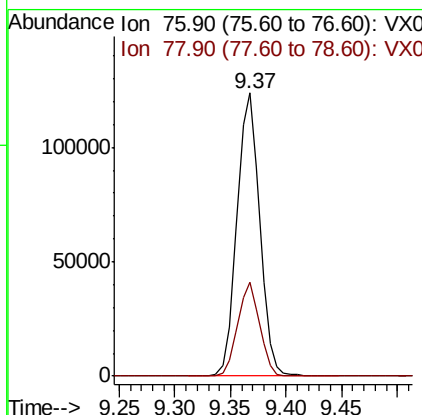
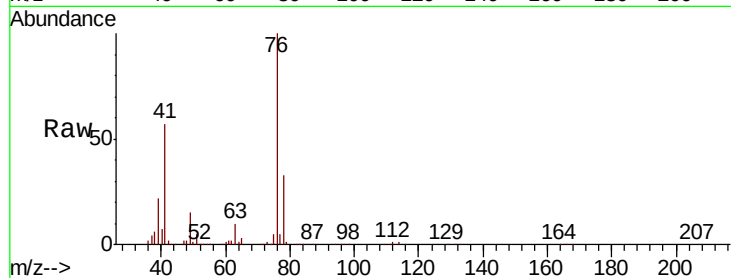
#57
 1,3-Dichloropropane
 Concen: 50.797 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.2	39.2

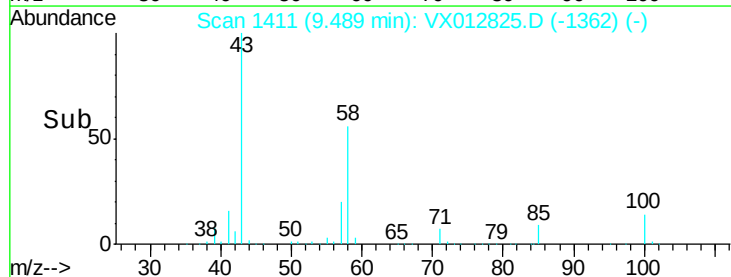
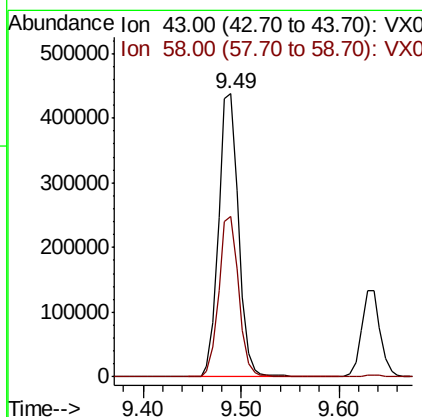
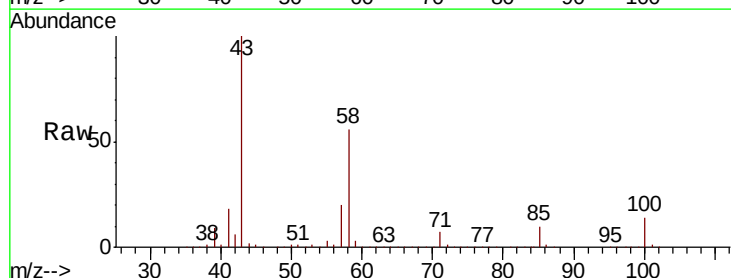
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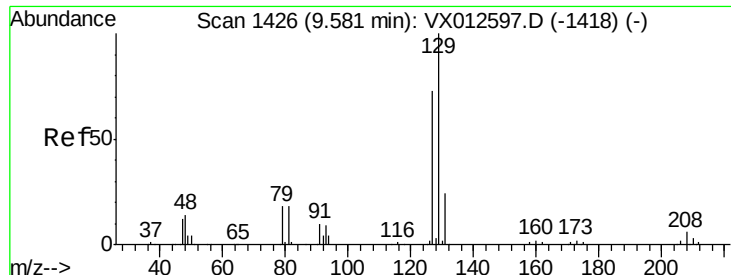
MMDadoda
 10/7/2019 9:26:33 AM



#59
 2-Hexanone
 Concen: 250.795 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.2	25.7	77.1





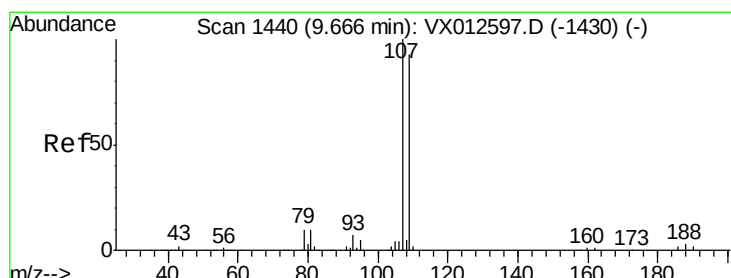
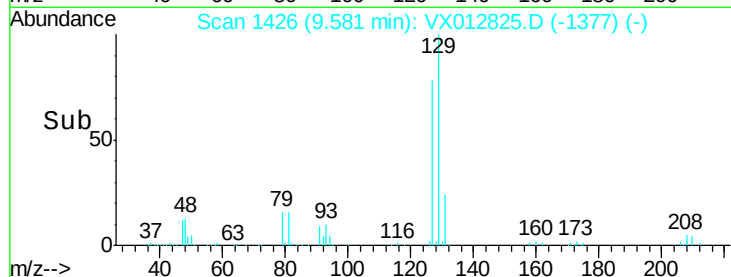
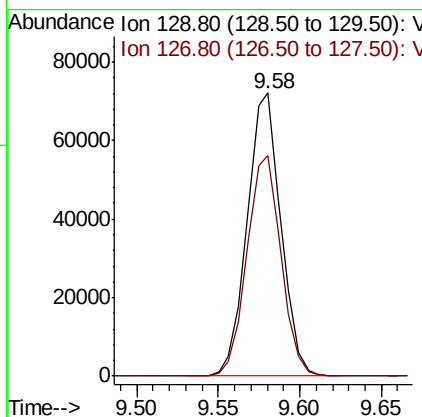
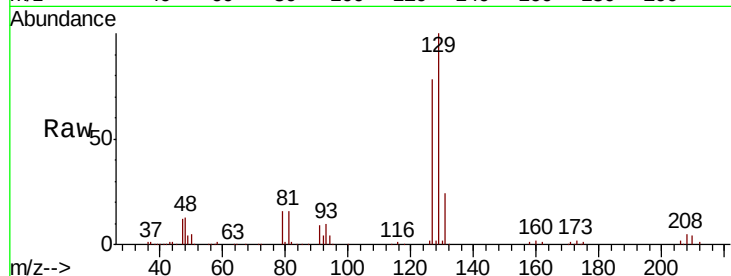
#60
Dibromochloromethane
Concen: 52.126 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.9	116.6

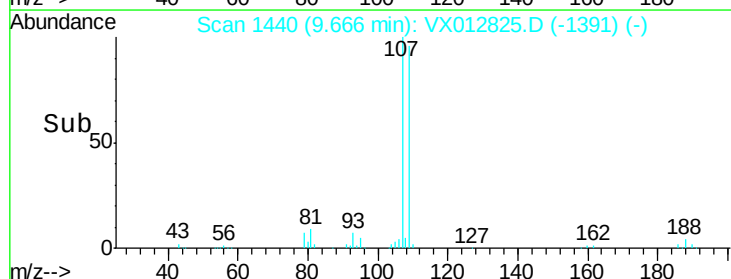
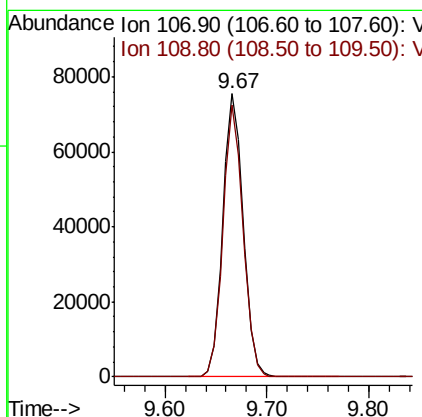
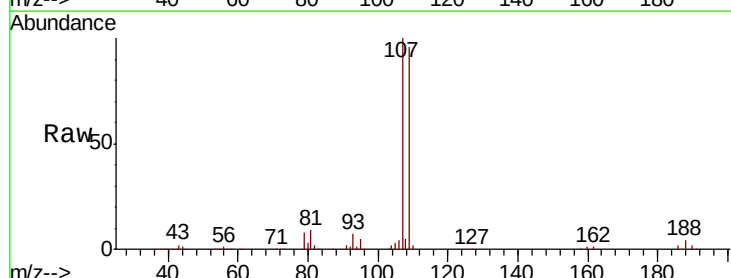
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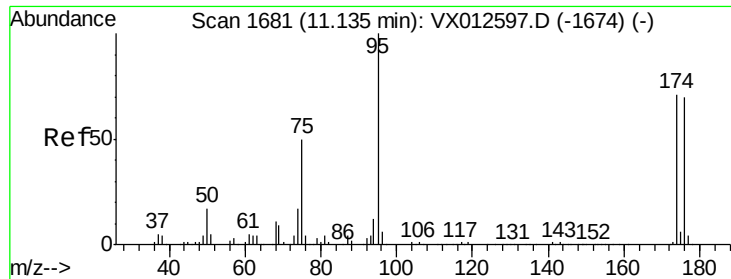
MMDadoda
10/7/2019 9:26:33 AM



#61
1,2-Dibromoethane
Concen: 51.414 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.6	74.7	112.1





#62

4-Bromofluorobenzene

Concen: 50.346 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

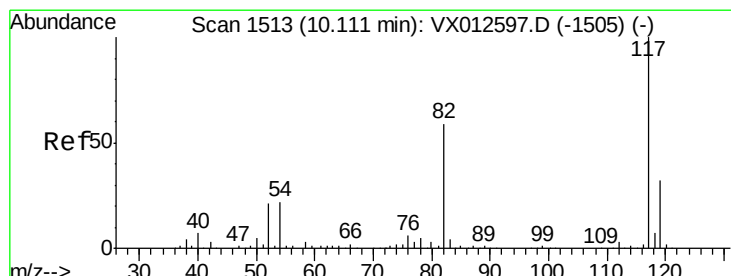
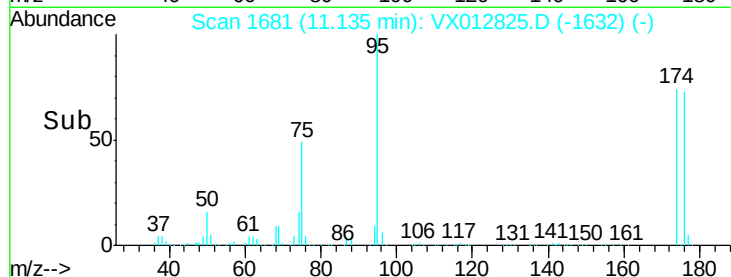
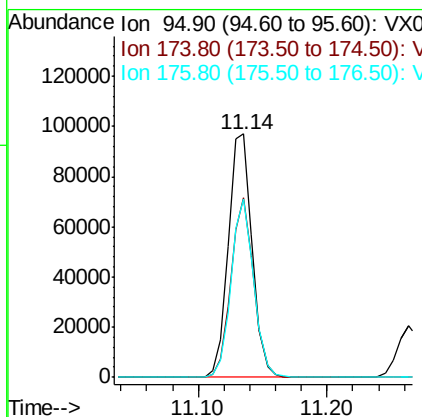
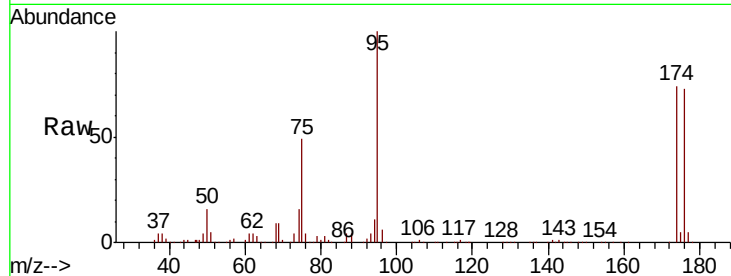
ClientSampleId :

SA-MW127D-20190930MS

Tot Ion:	95	Resp:	126241
Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	140.0
176	69.1	0.0	135.4

Manual Integrations
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10/7/2019 9:26:33 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

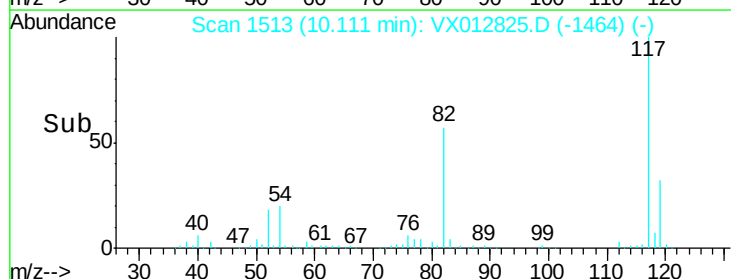
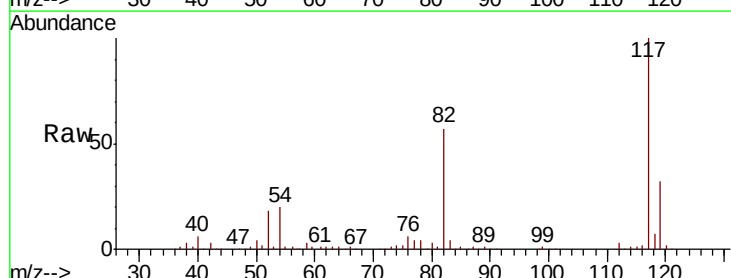
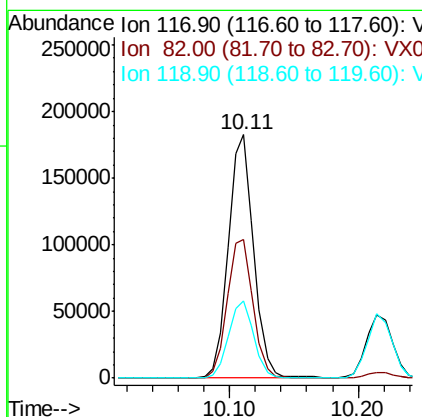
RT: 10.11 min Scan# 1513

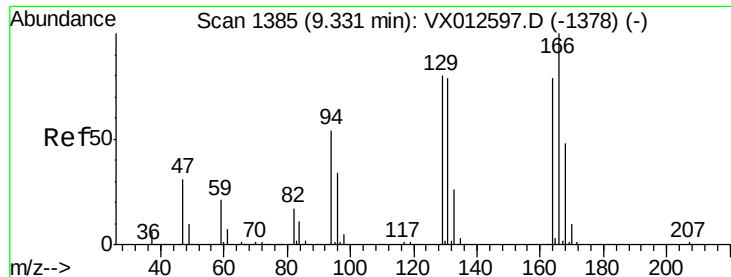
Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Tgt Ion:	117	Resp:	250832
Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.9	68.9
119	31.5	25.3	37.9





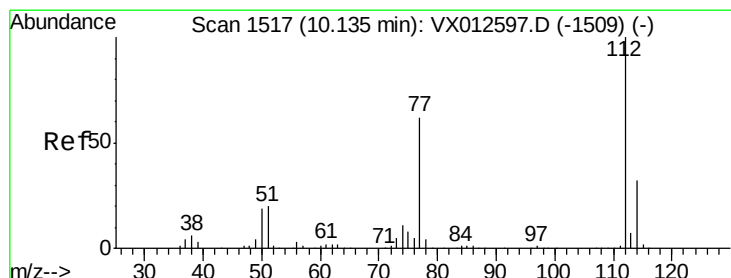
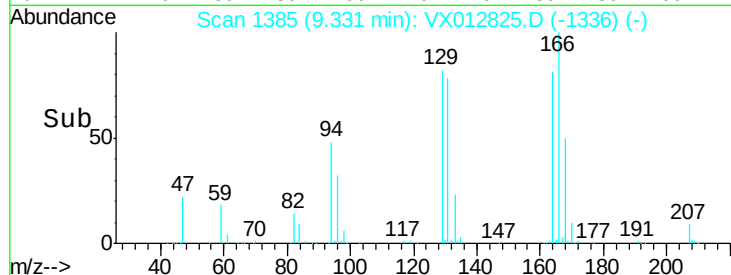
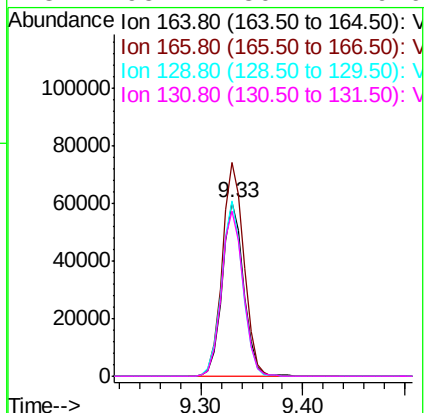
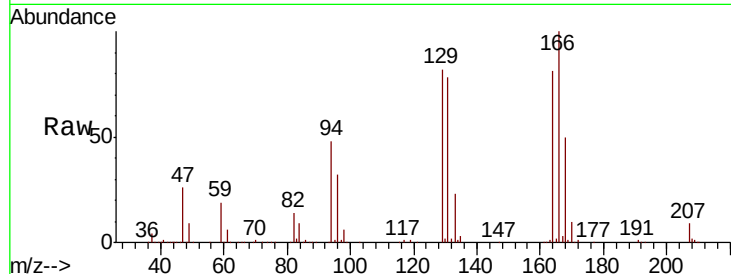
#64
Tetrachloroethene
Concen: 49.744 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	122.7	107.8	161.6
129	100.6	86.2	129.2
131	95.2	80.4	120.6

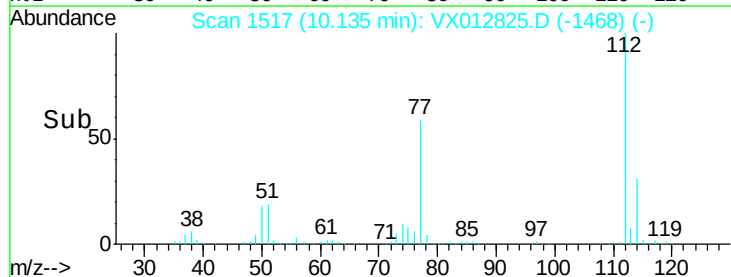
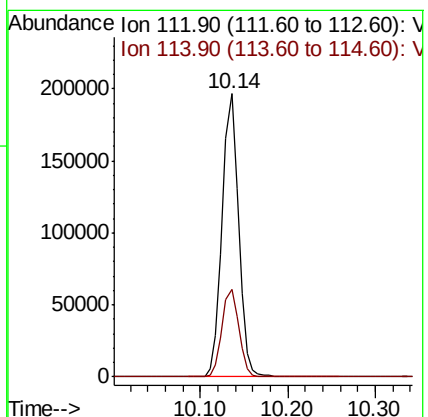
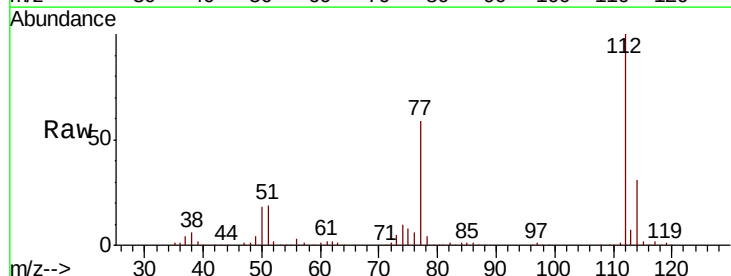
Manual Integrations
APPROVED

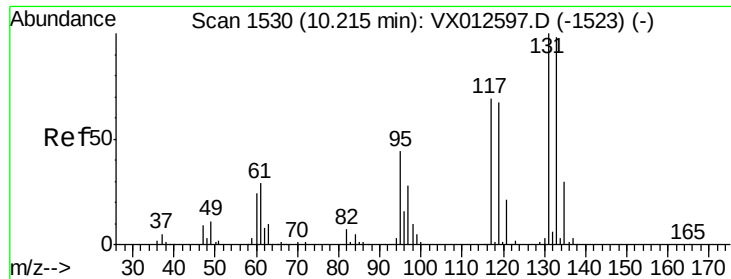
MMDadoda
10/7/2019 9:26:33 AM



#65
Chlorobenzene
Concen: 48.438 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.4	38.0





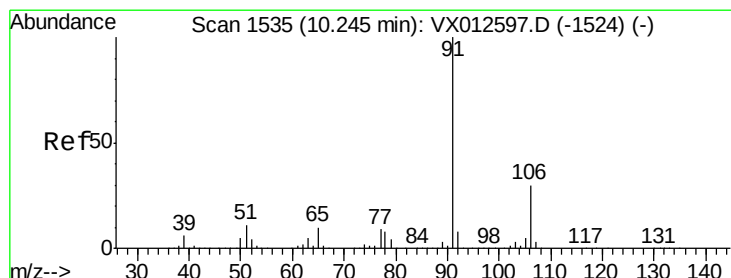
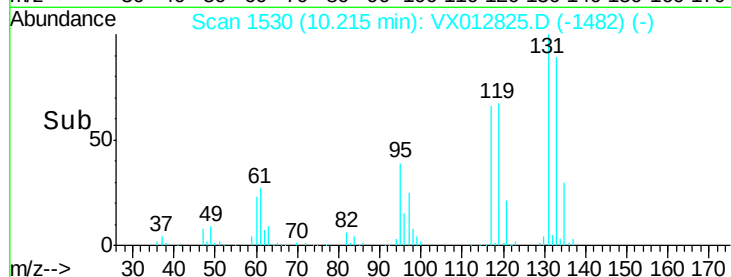
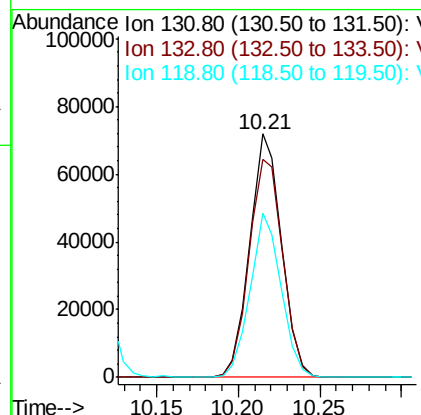
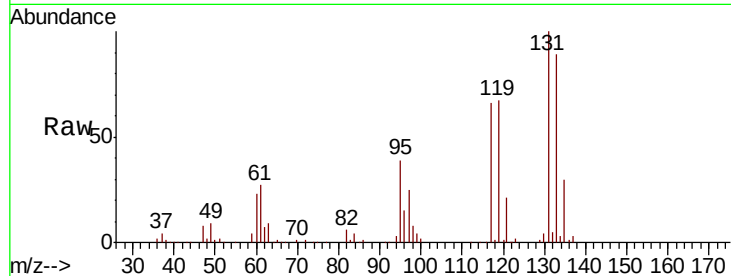
#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.993 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.6	142.9
119	65.7	31.3	93.8

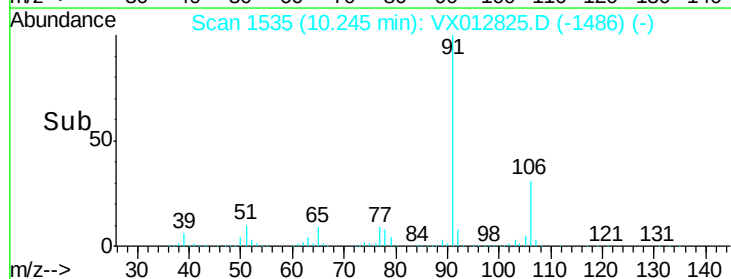
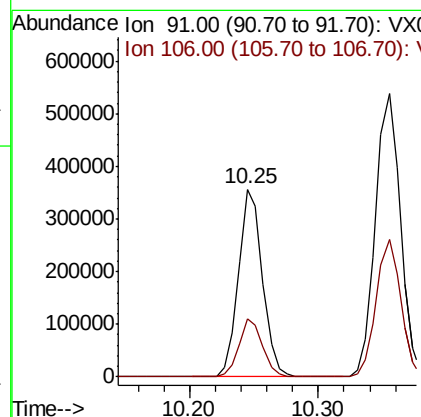
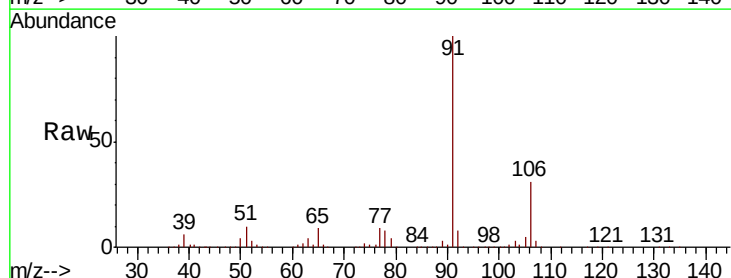
Manual Integrations
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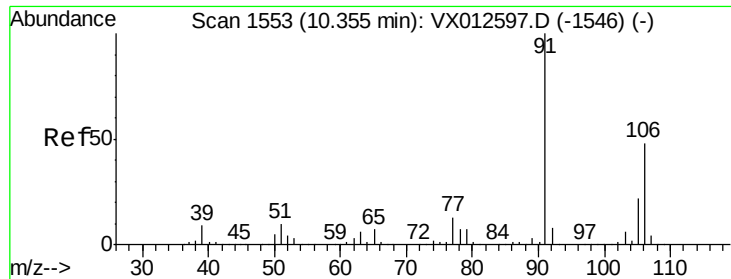
MMDadoda
 10/7/2019 9:26:33 AM



#67
 Ethyl Benzene
 Concen: 48.506 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.6	37.0





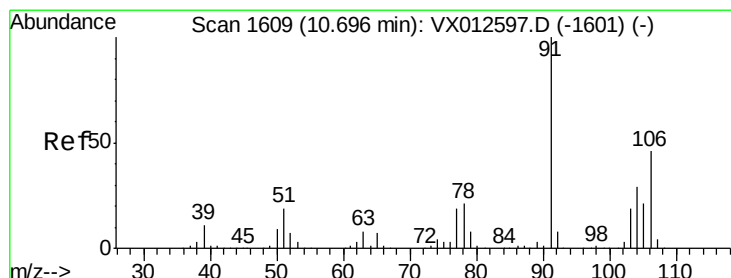
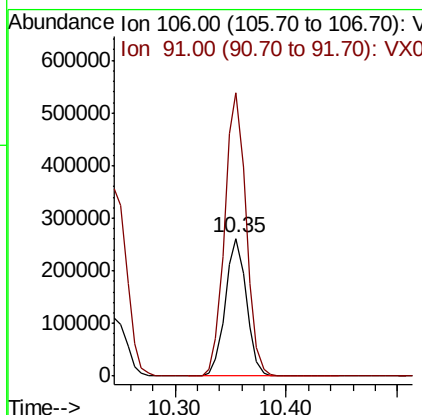
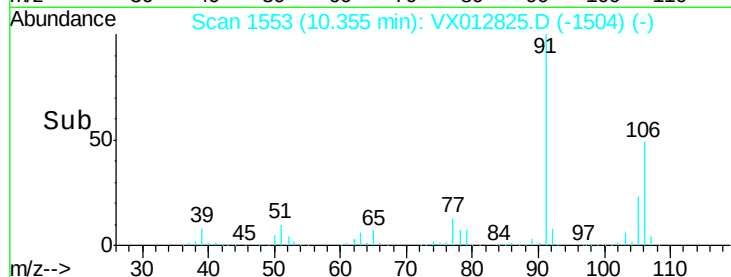
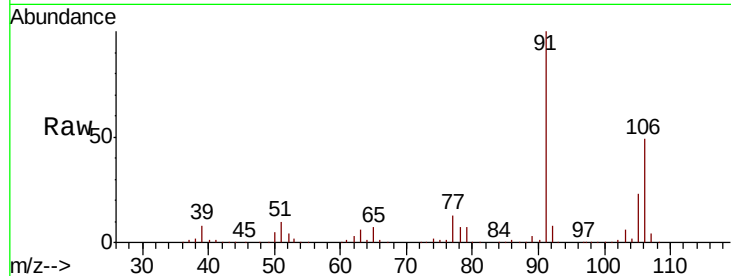
#68
m/p-Xylenes
Concen: 96.089 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion:106 Resp: 344840
Ion Ratio Lower Upper
106 100
91 208.4 166.6 250.0

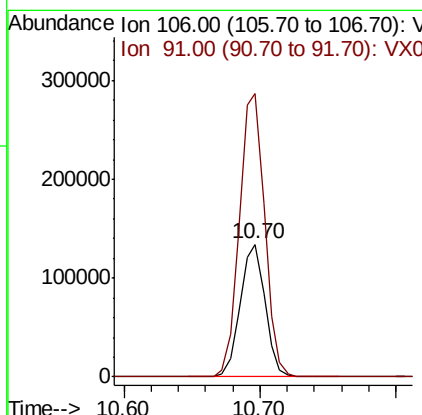
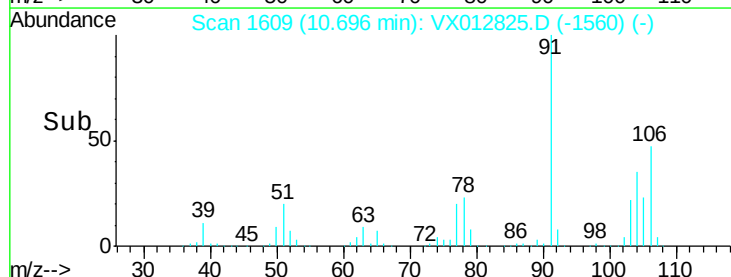
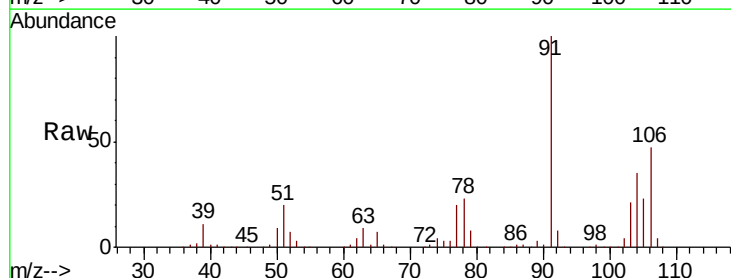
Manual Integrations
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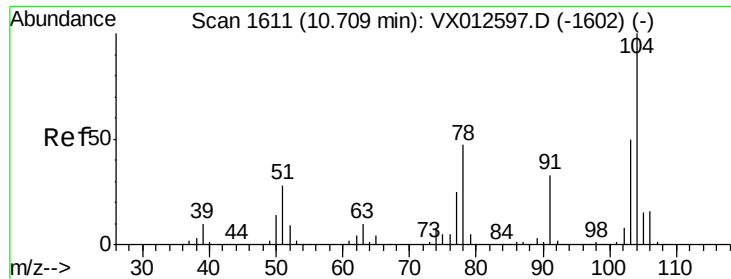
MMDadoda
10/7/2019 9:26:33 AM



#69
o-Xylene
Concen: 49.151 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion:106 Resp: 170678
Ion Ratio Lower Upper
106 100
91 217.0 109.4 328.2





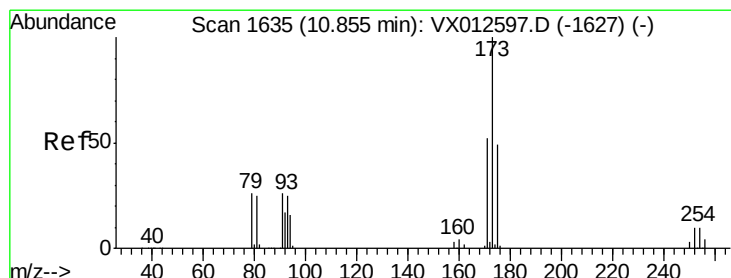
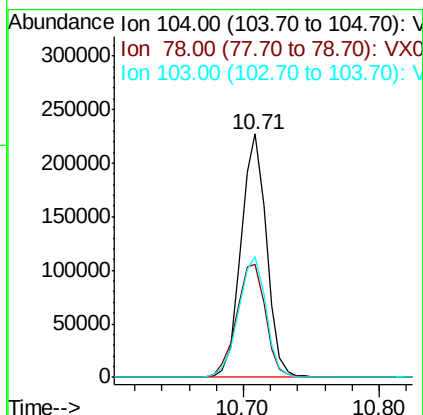
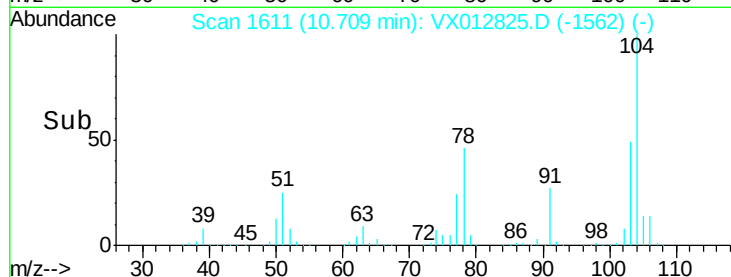
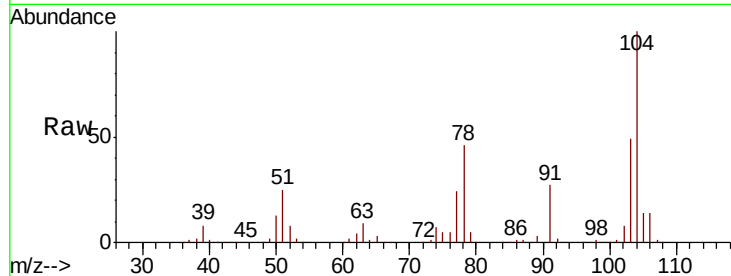
#70
Stvrene
Concen: 50.918 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.0	43.4	65.2
103	53.7	43.3	64.9

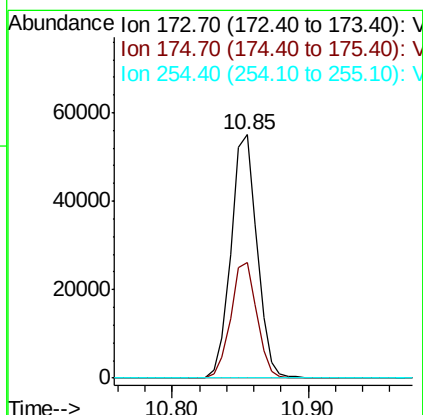
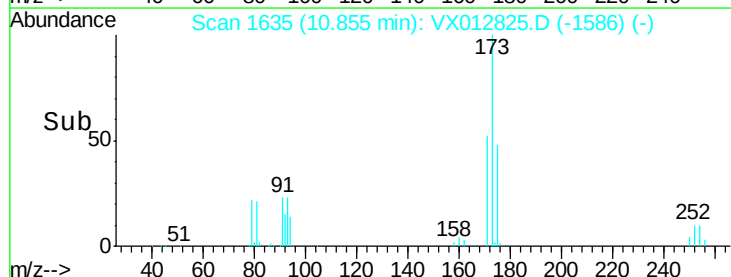
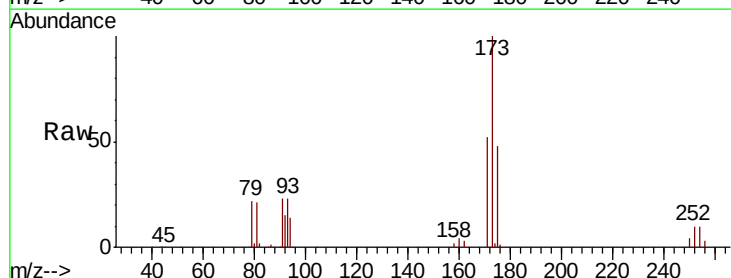
Manual Integrations
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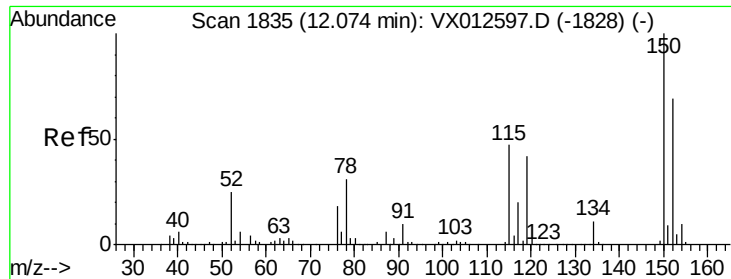
MMDadoda
10/7/2019 9:26:33 AM



#71
Bromoform
Concen: 54.929 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.7	71.1
254	0.0	0.1	0.1#





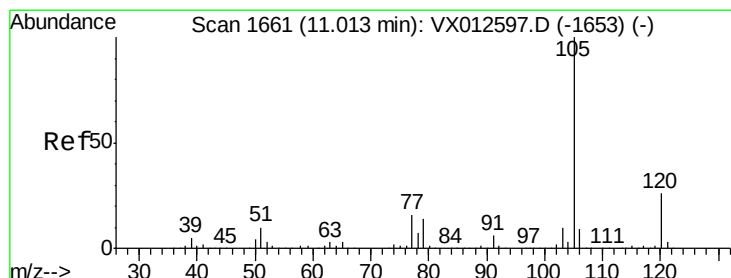
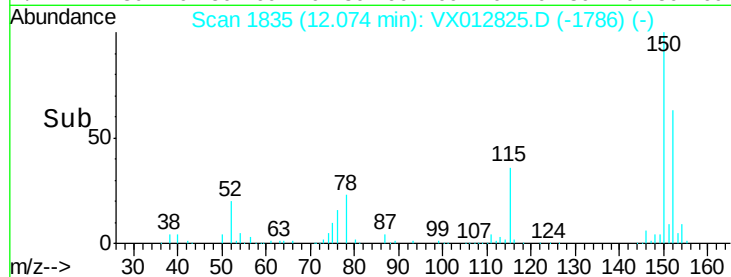
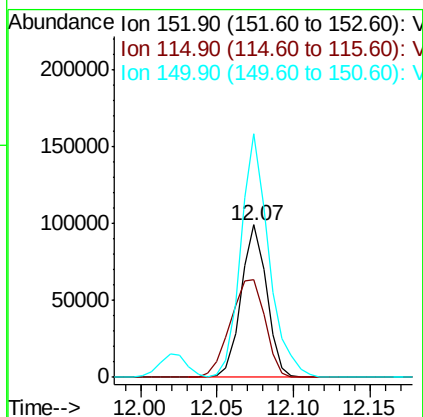
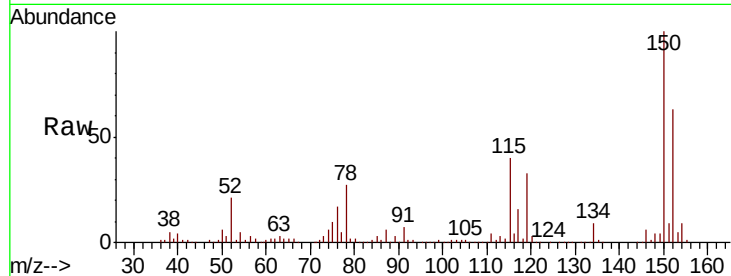
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	87.5	44.1	132.3
150	175.3	0.0	343.8

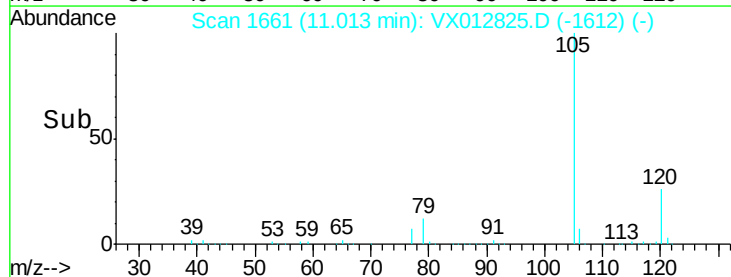
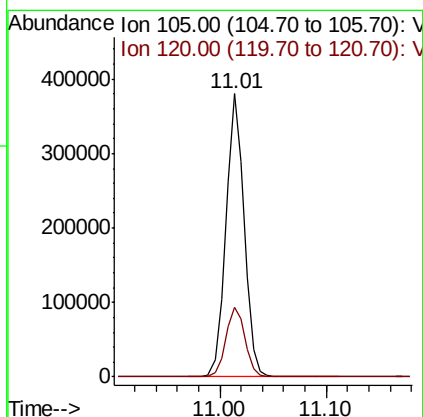
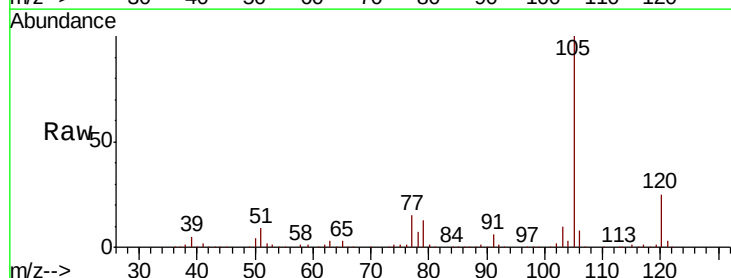
Manual Integrations
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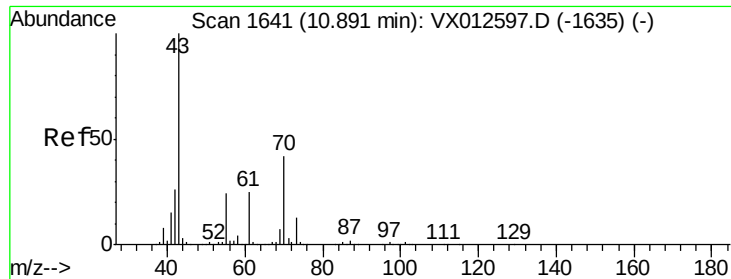
MMDadoda
 10/7/2019 9:26:33 AM



#73
 Isopropylbenzene
 Concen: 48.716 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.9	38.7





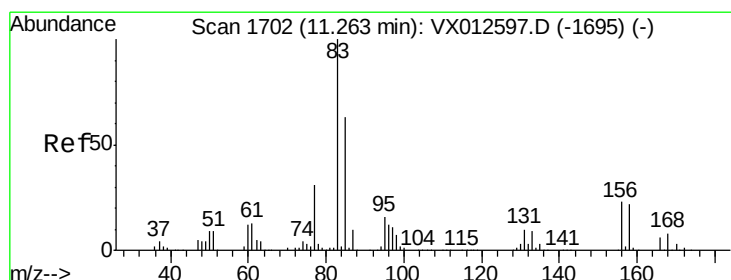
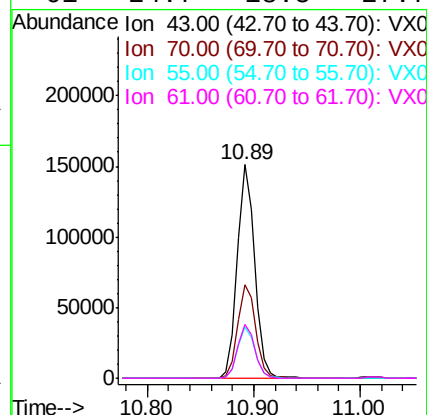
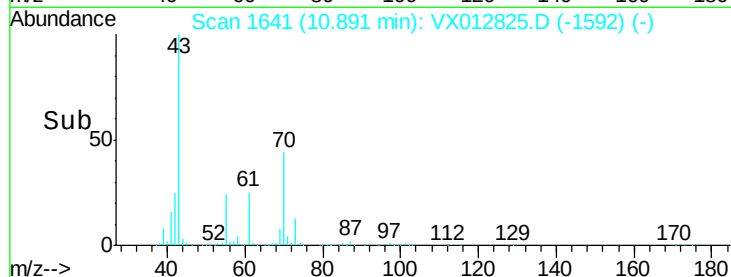
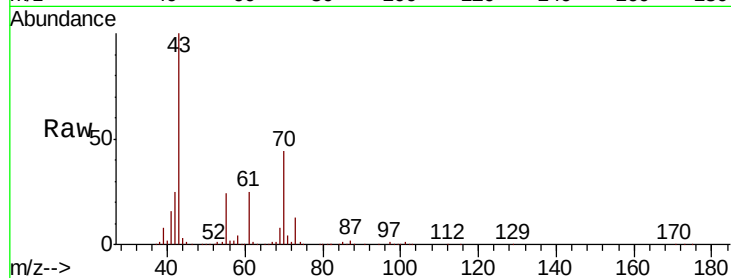
#74
N-amvl acetate
Concen: 39.331 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	44.8	32.4	48.6		
55	24.3	18.2	27.4		
61	24.7	18.5	27.7		

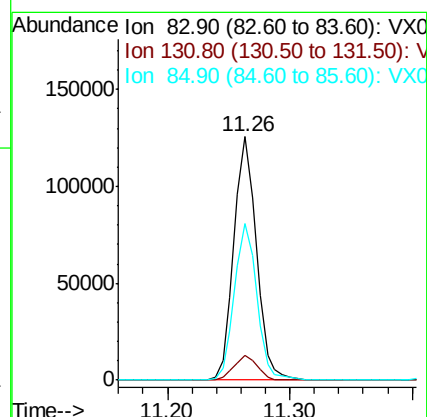
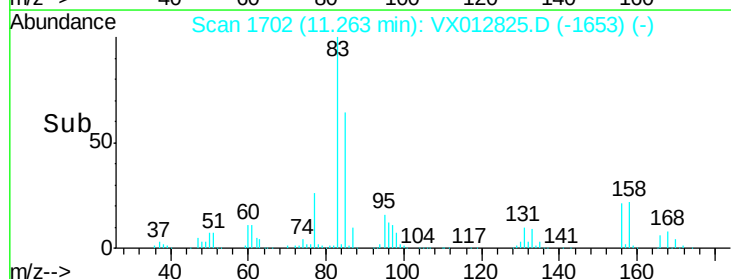
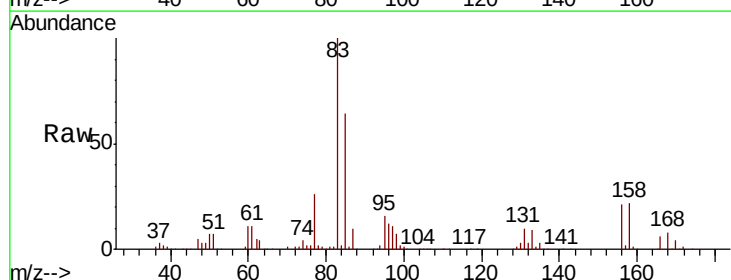
Manual Integrations
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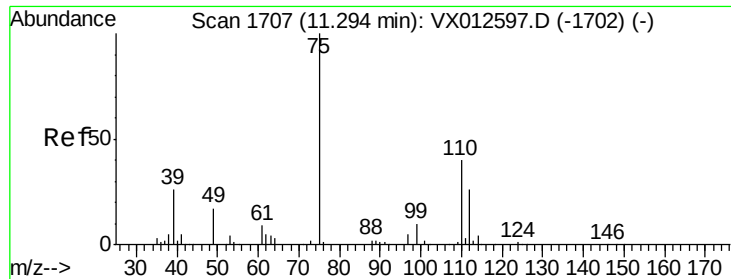
MMDadoda
10/7/2019 9:26:33 AM



#75
1,1,2,2-Tetrachloroethane
Concen: 51.697 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	10.5	5.2	15.6		
85	64.6	32.0	96.0		





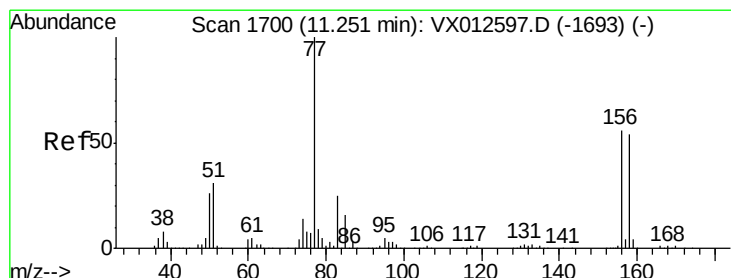
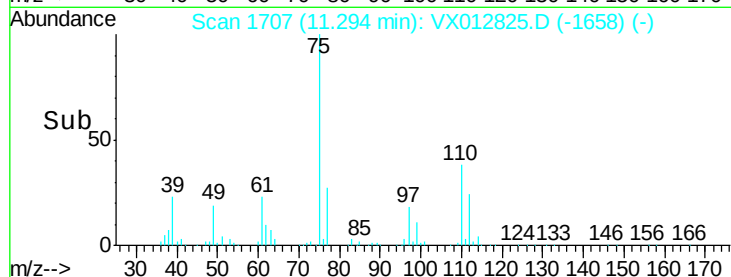
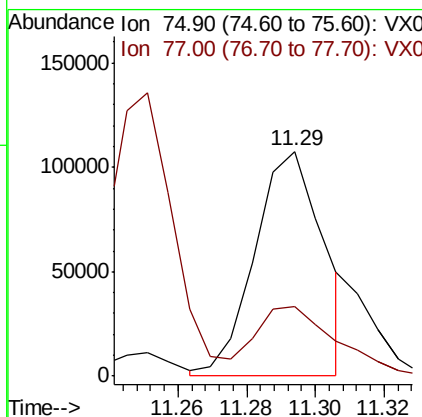
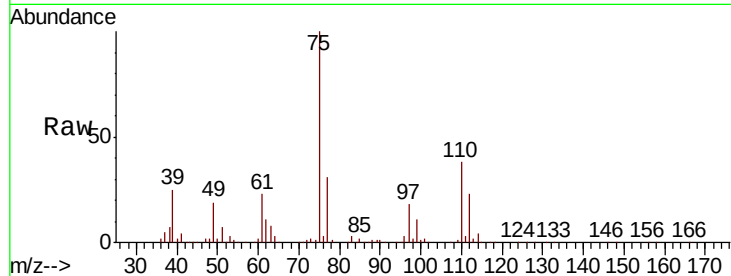
#76
 1,2,3-Trichloropropane
 Concen: 49.193 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

Tot Ion: 75 Resp: 149310
 Ion Ratio Lower Upper
 75 100
 77 36.4 19.7 59.0

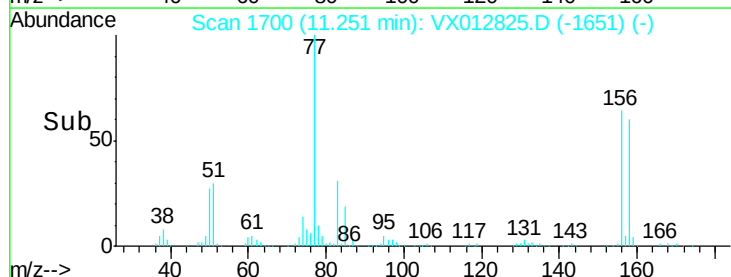
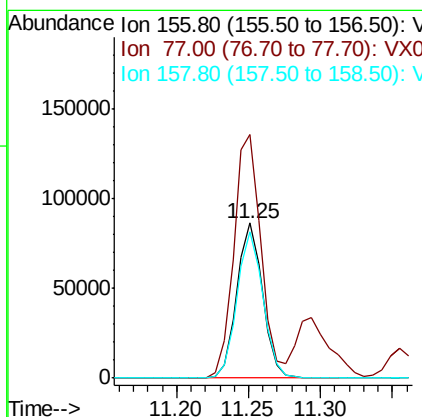
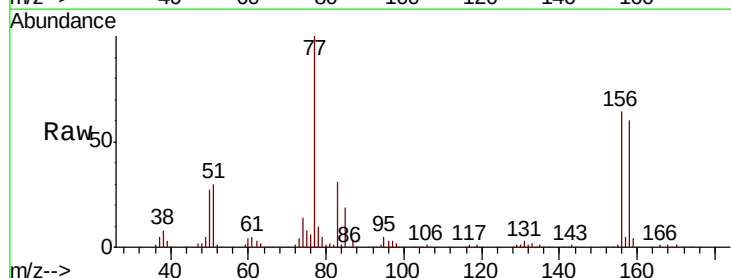
Manual Integrations
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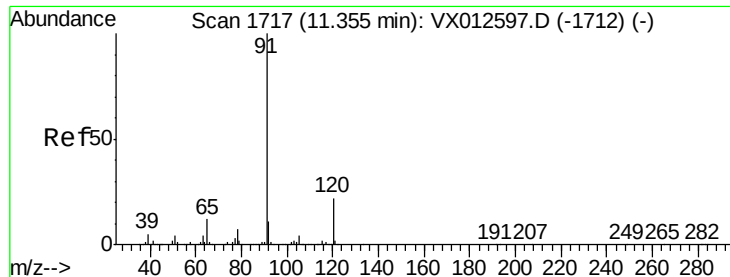
MMDadoda
 10/7/2019 9:26:33 AM



#77
 Bromobenzene
 Concen: 50.853 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion: 156 Resp: 107559
 Ion Ratio Lower Upper
 156 100
 77 166.7 87.3 261.8
 158 95.3 48.5 145.6





#78

n-propylbenzene

Concen: 47.505 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

Tot Ion: 91 Resp: 499807

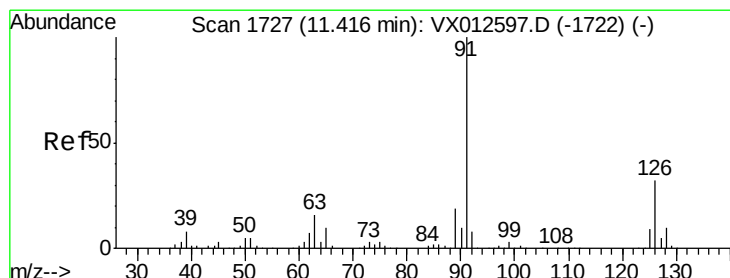
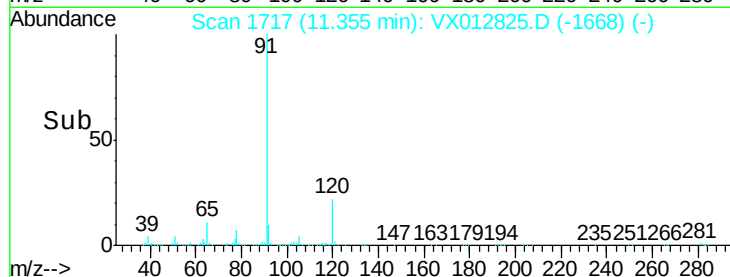
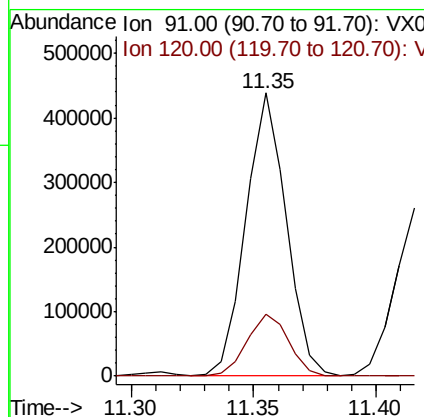
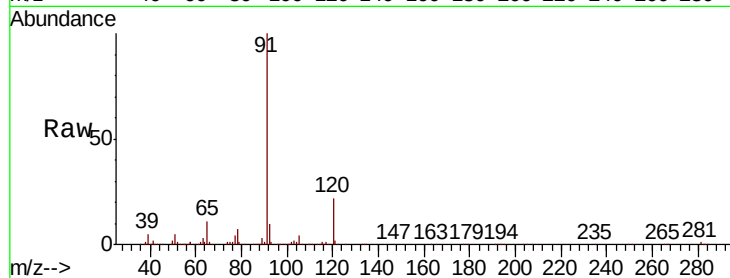
Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.8

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#79

2-Chlorotoluene

Concen: 47.349 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012825.D

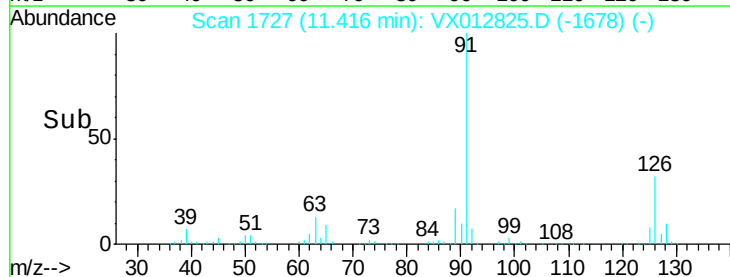
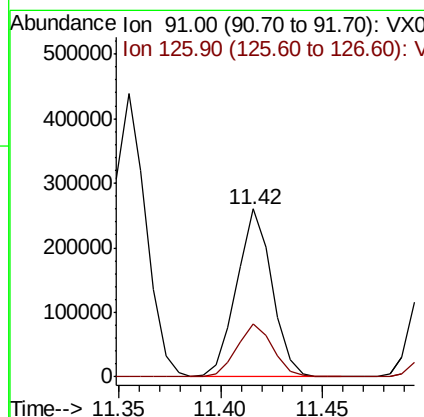
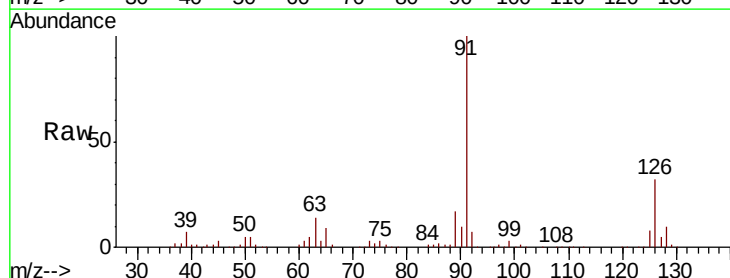
Acq: 04 Oct 2019 20:28

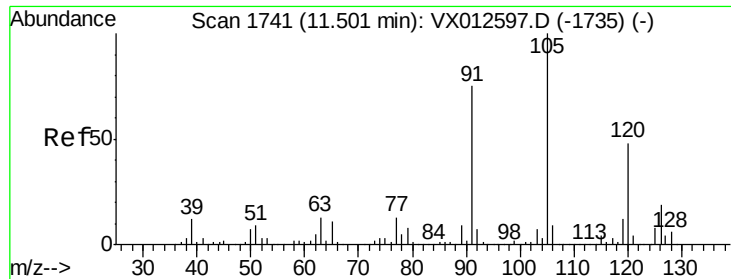
Tgt Ion: 91 Resp: 310769

Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.4





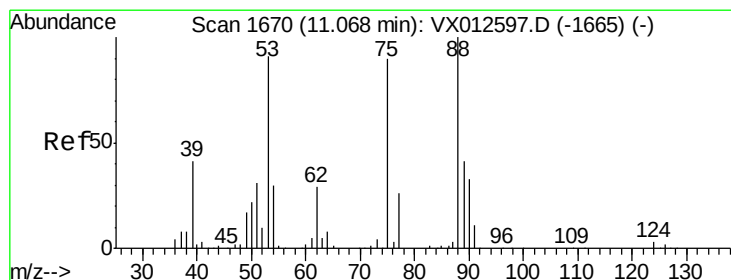
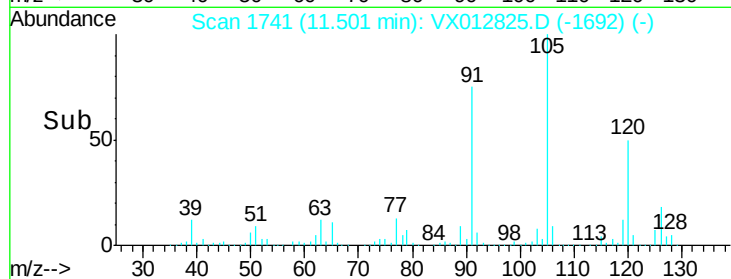
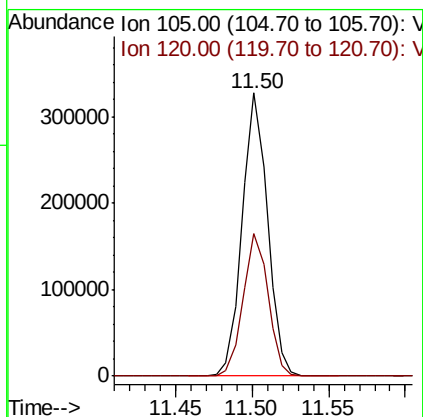
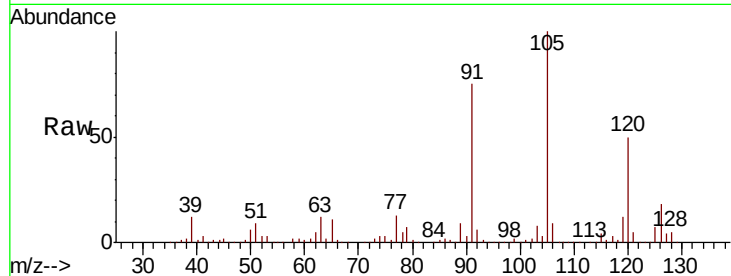
#80
 1,3,5-Trimethylbenzene
 Concen: 47.935 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

Tot Ion:105 Resp: 375659
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.3 72.8

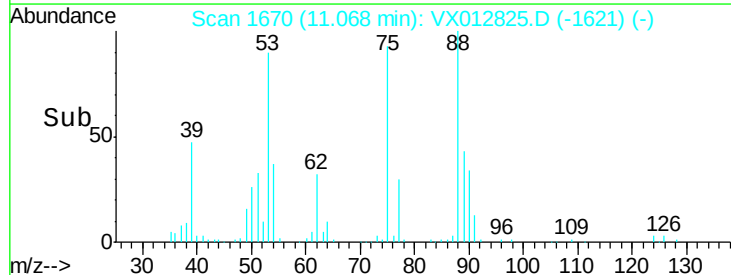
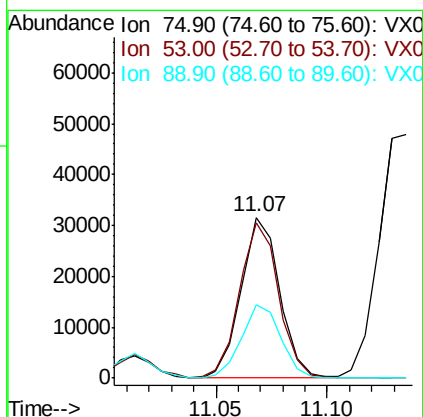
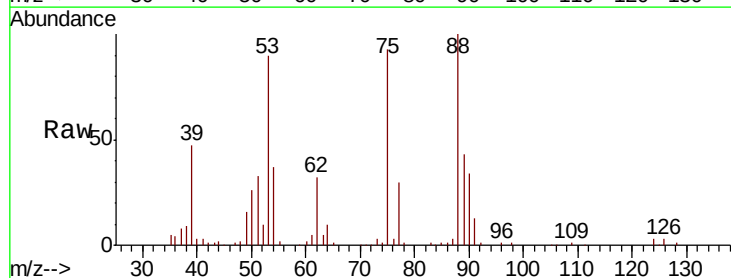
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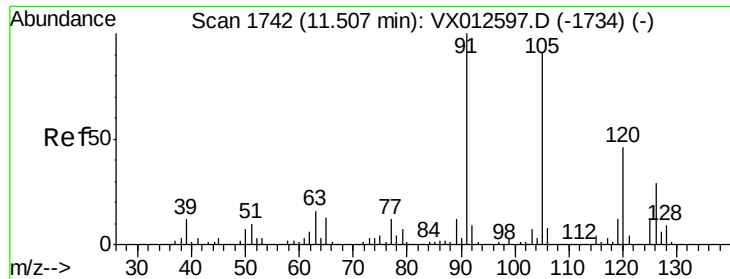
MMDadoda
 10/7/2019 9:26:33 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 36.084 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion: 75 Resp: 38217
 Ion Ratio Lower Upper
 75 100
 53 98.2 83.6 125.4
 89 47.1 36.3 54.5





#82

4-Chlorotoluene

Concen: 47.980 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

Tot Ion: 91 Resp: 358978

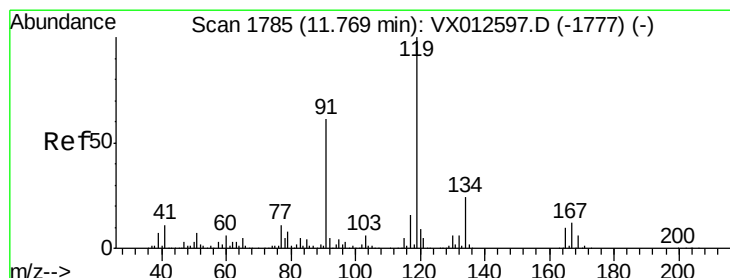
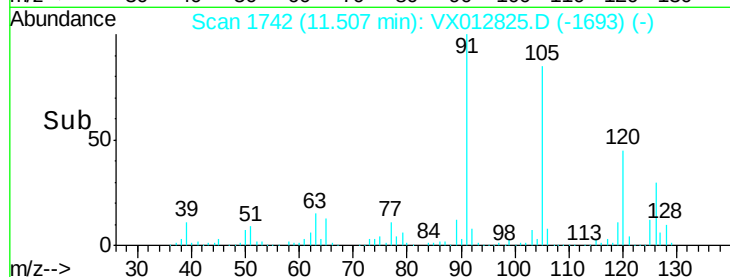
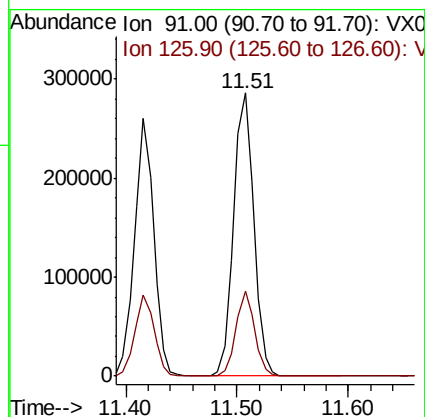
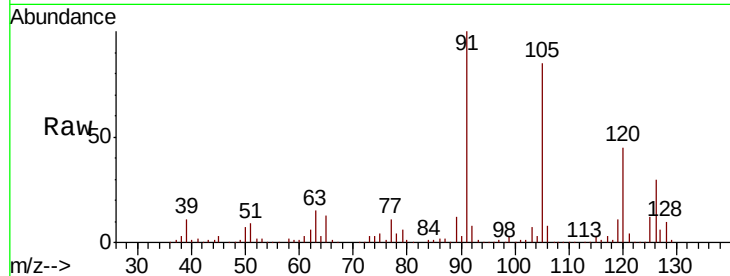
Ion Ratio Lower Upper

91 100

126 27.8 14.4 43.0

Manual Integrations
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MMDadoda
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#83

tert-Butylbenzene

Concen: 49.530 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

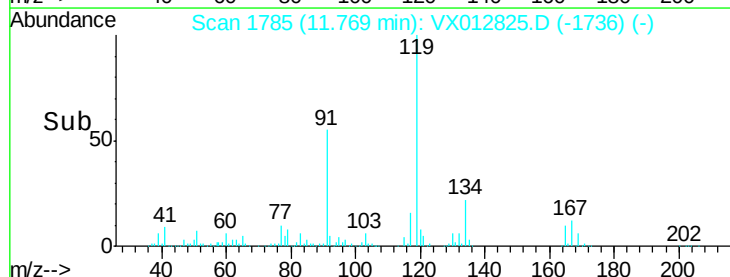
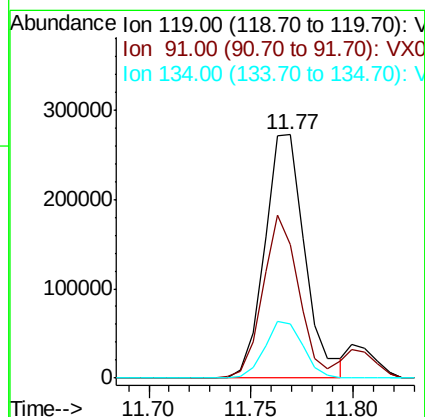
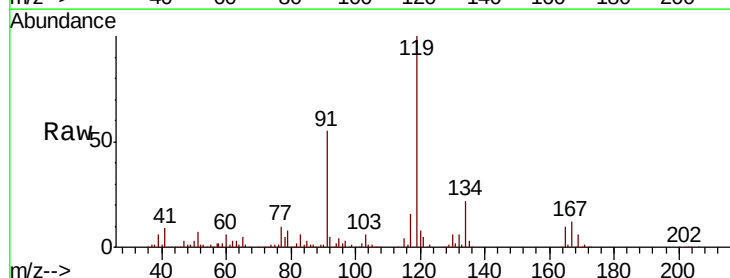
Tgt Ion: 119 Resp: 374429

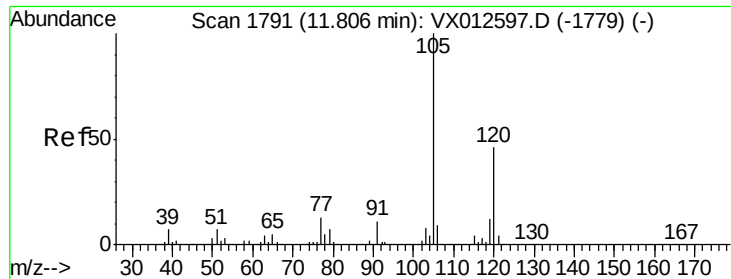
Ion Ratio Lower Upper

119 100

91 59.4 30.0 90.0

134 22.3 11.3 33.9





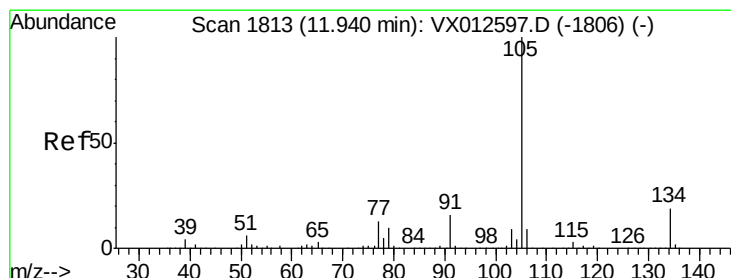
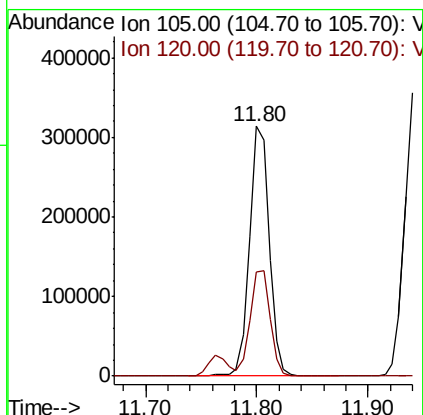
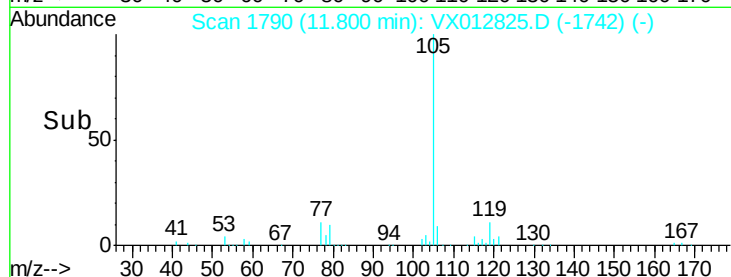
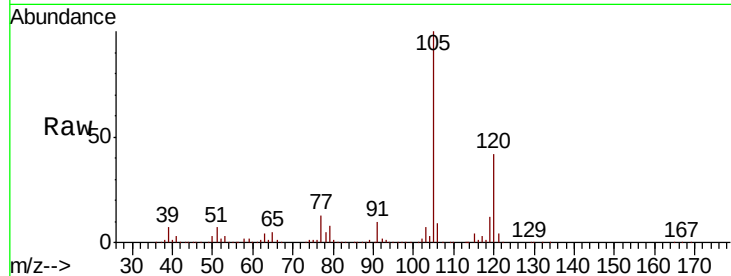
#84
 1,2,4-Trimethylbenzene
 Concen: 48.894 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

Tot Ion:105 Resp: 386543
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.2 66.6

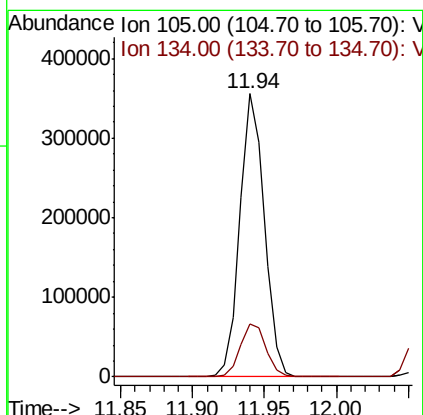
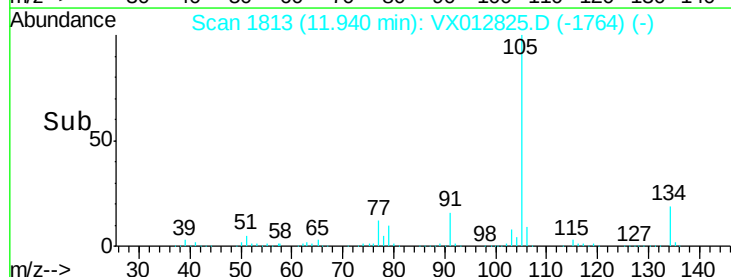
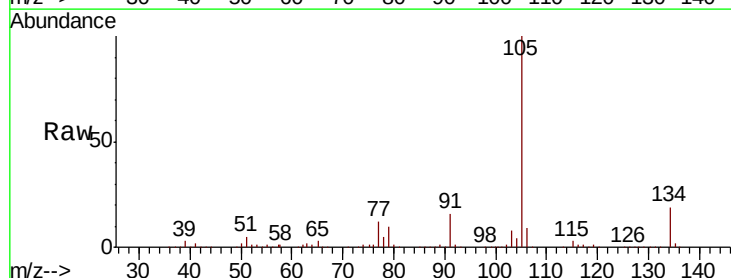
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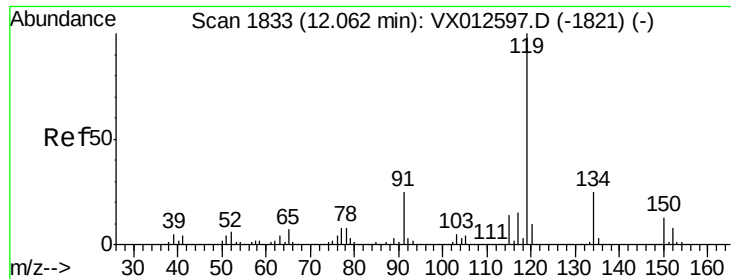
MMDadoda
 10/7/2019 9:26:33 AM



#85
 sec-Butylbenzene
 Concen: 47.924 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion:105 Resp: 421381
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4





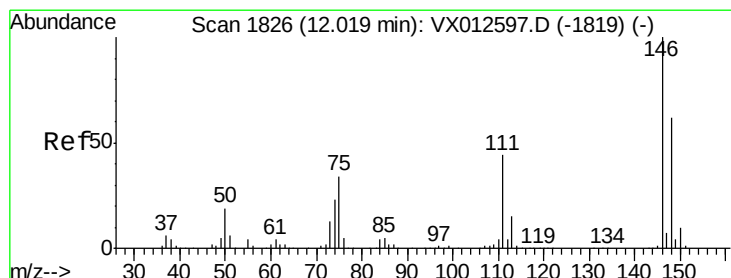
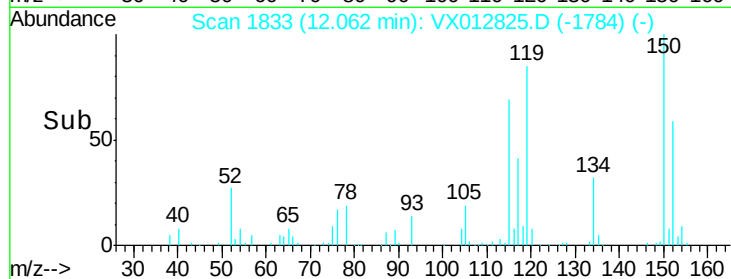
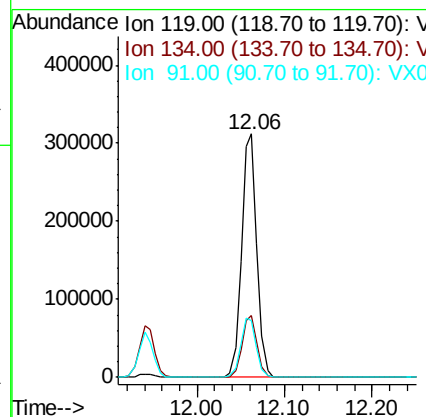
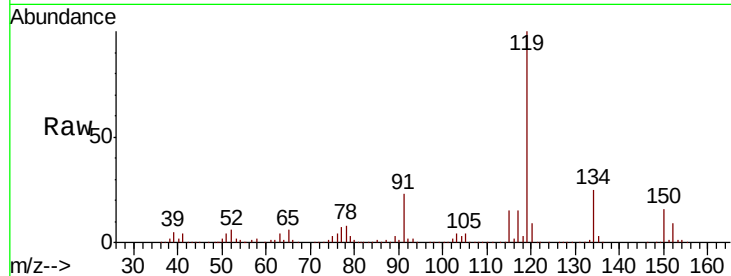
#86
 p-Isopropyltoluene
 Concen: 47.972 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.7	38.1
91	24.9	12.8	38.4

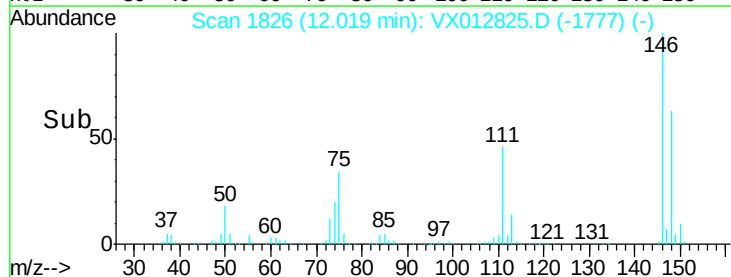
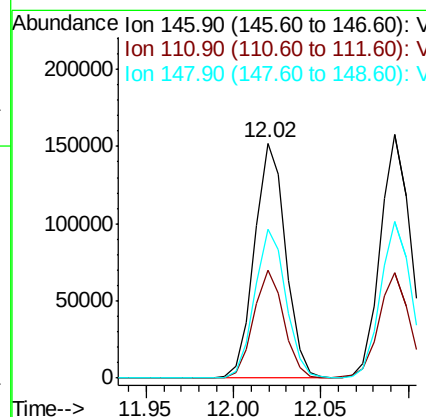
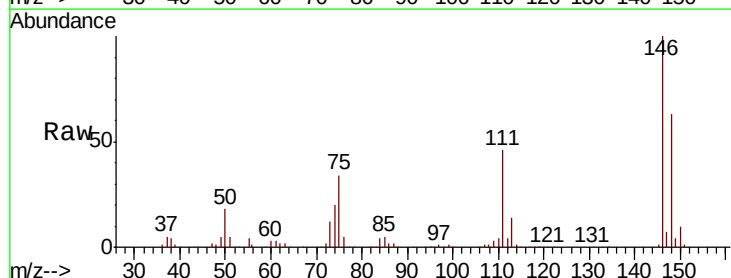
Manual Integrations
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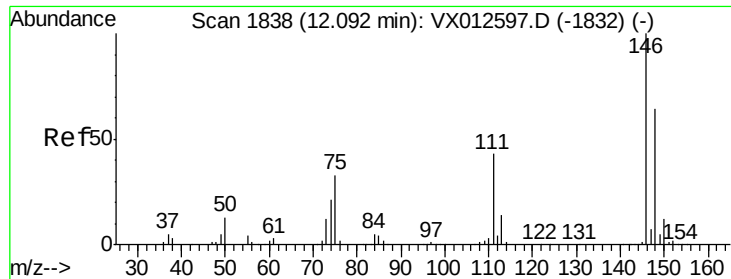
MMDadoda
 10/7/2019 9:26:33 AM



#87
 1,3-Dichlorobenzene
 Concen: 49.514 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.3	64.0
148	63.3	32.4	97.2





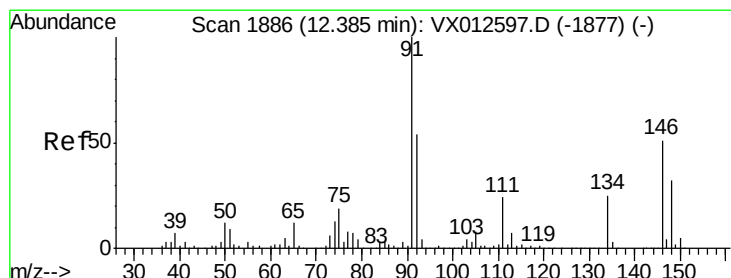
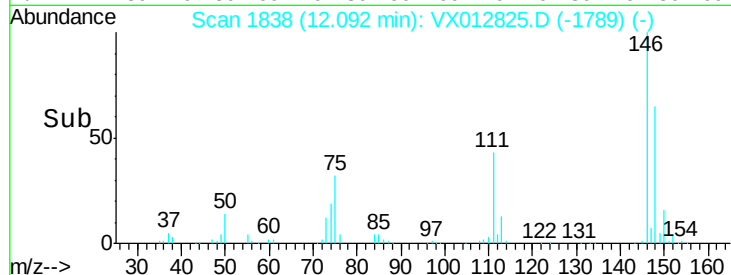
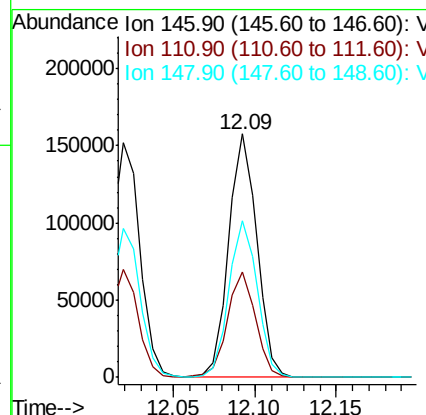
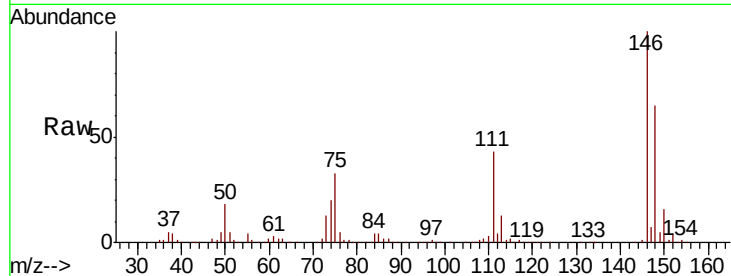
#88
1,4-Dichlorobenzene
Concen: 49.277 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.1	63.3
148	64.6	32.1	96.5

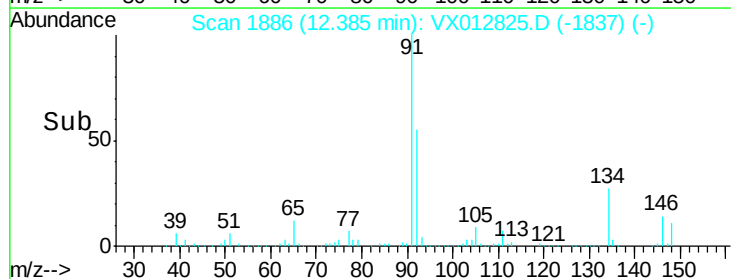
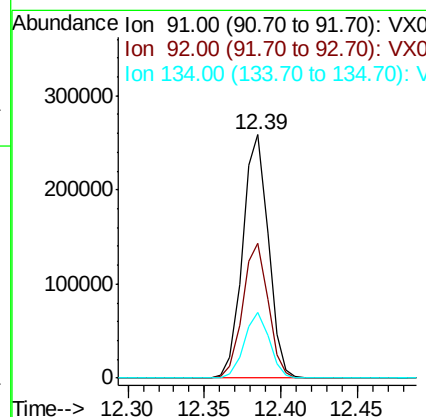
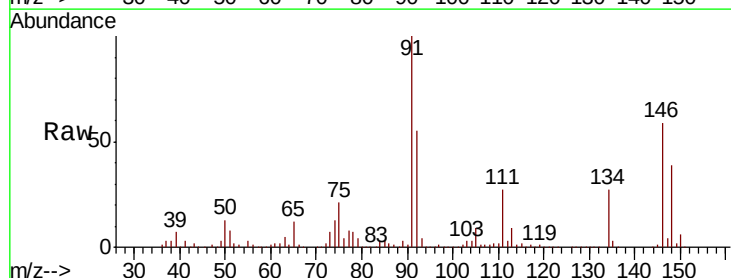
Manual Integrations
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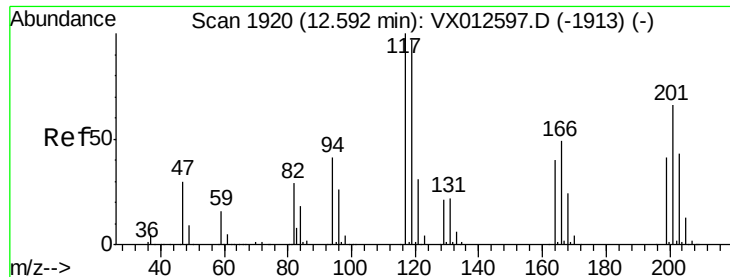
MMDadoda
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#89
n-Butylbenzene
Concen: 42.960 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.7	83.0
134	26.3	12.9	38.6





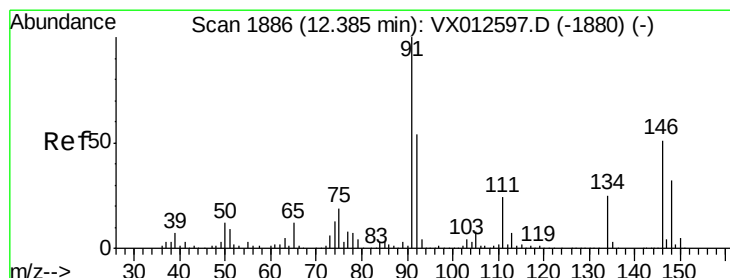
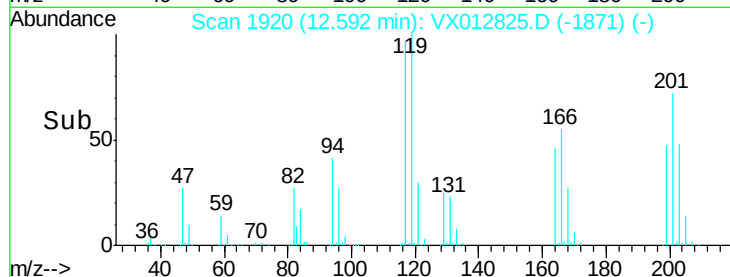
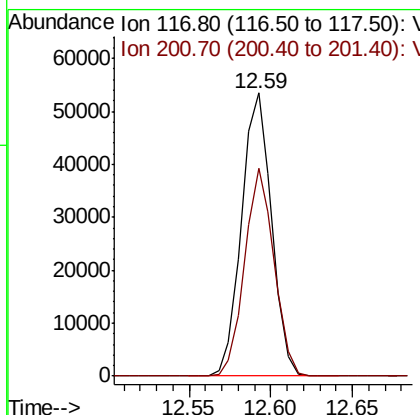
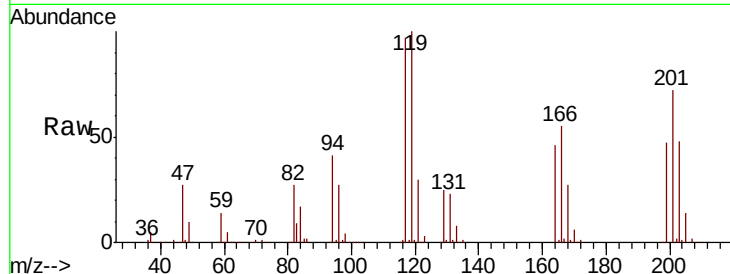
#90
Hexachloroethane
Concen: 48.486 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127D-20190930MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	68581		
201	72.0	33.3	99.8	

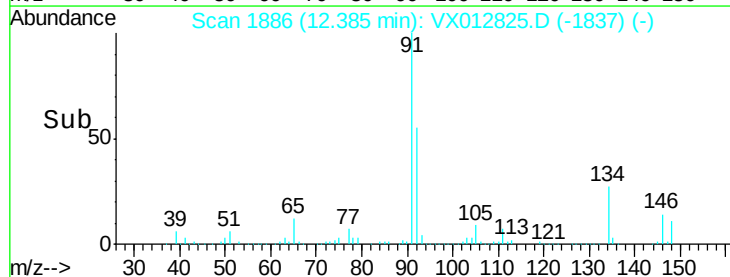
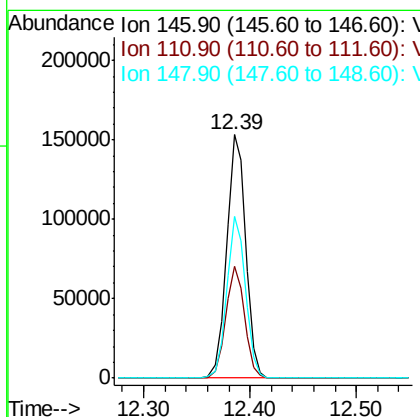
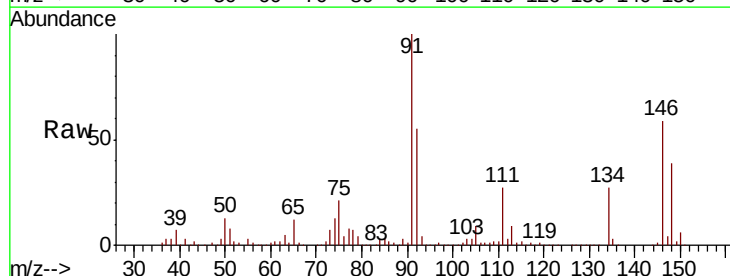
Manual Integrations
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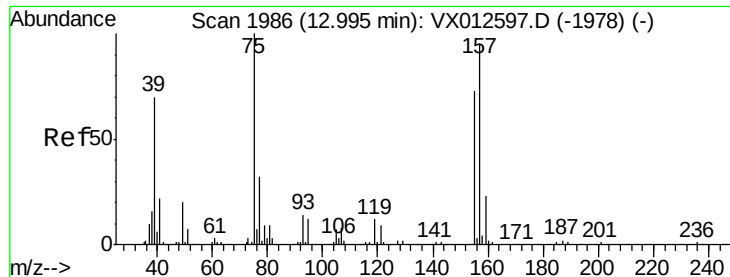
MMDadoda
10/7/2019 9:26:33 AM



#91
1,2-Dichlorobenzene
Concen: 50.214 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012825.D
Acq: 04 Oct 2019 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	191354		
111	45.7	22.1	66.1	
148	65.6	31.3	93.9	





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.154 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127D-20190930MS

Tot Ion: 75 Resp: 39604

Ion Ratio Lower Upper

75 100

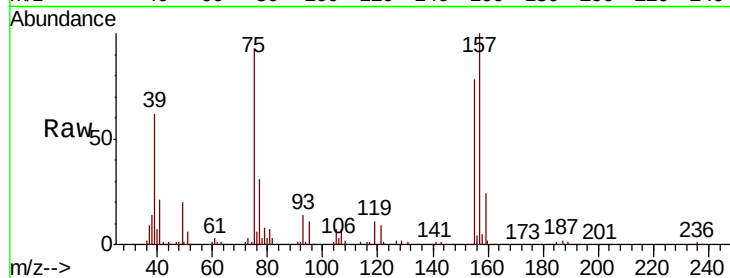
155 83.3 38.6 115.8

157 105.0 50.6 151.9

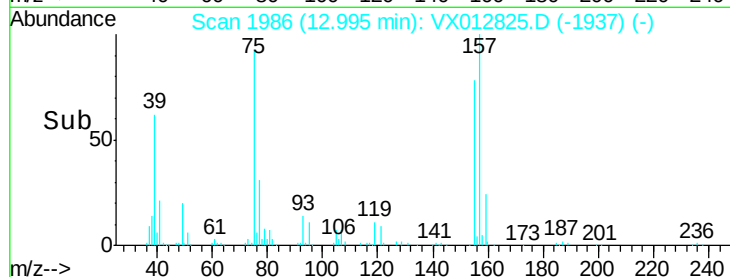
Manual Integrations
APPROVED

MMDadoda

10/7/2019 9:26:33 AM

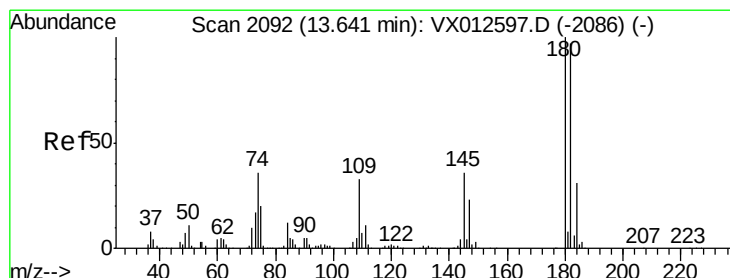
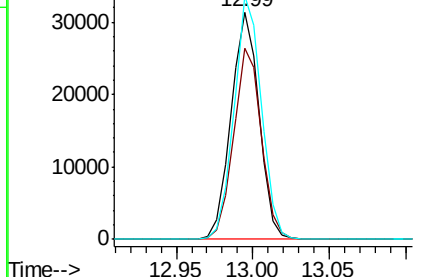


Abundance Ion 74.90 (74.60 to 75.60): VX012825.D (-1937) (-)



Ion 154.80 (154.50 to 155.50): VX012825.D (-1937) (-)

Ion 156.80 (156.50 to 157.50): VX012825.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 46.773 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

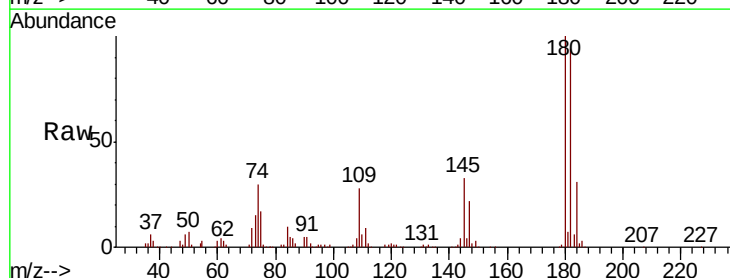
Tgt Ion: 180 Resp: 108700

Ion Ratio Lower Upper

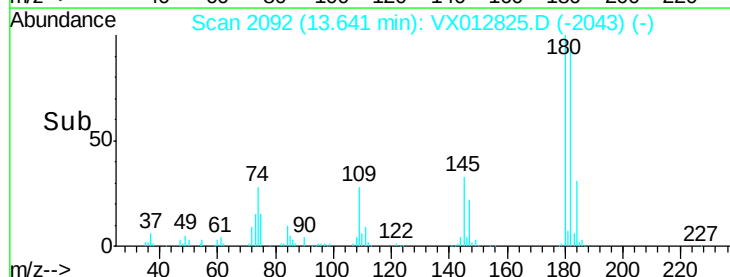
180 100

182 96.1 47.0 141.0

145 33.8 16.8 50.4

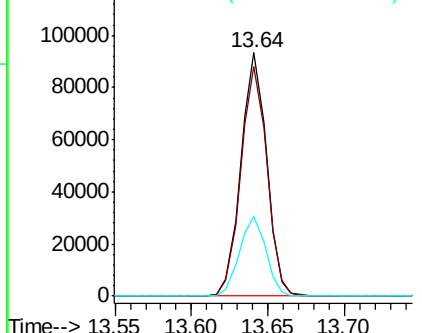


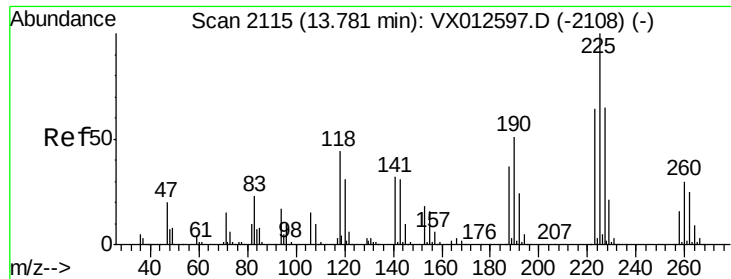
Abundance Ion 179.80 (179.50 to 180.50): VX012825.D (-2043) (-)



Ion 181.80 (181.50 to 182.50): VX012825.D (-2043) (-)

Ion 144.80 (144.50 to 145.50): VX012825.D (-2043) (-)





#94

Hexachlorobutadiene

Concen: 45.503 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Instrument :

MSVOA_X

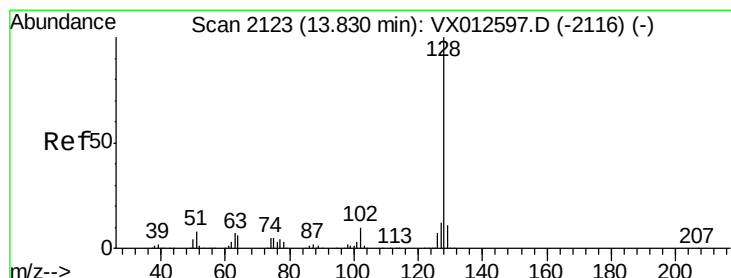
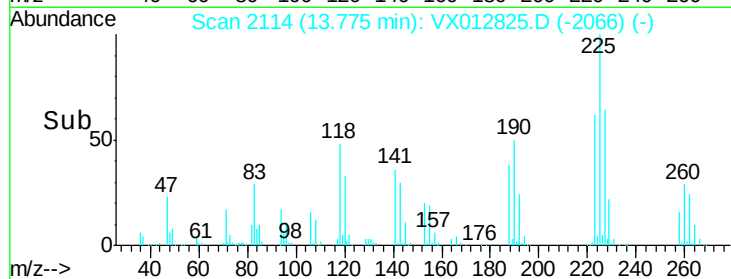
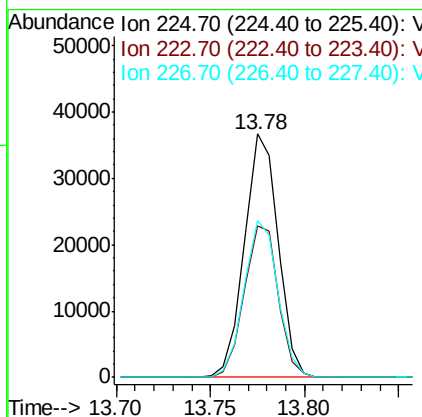
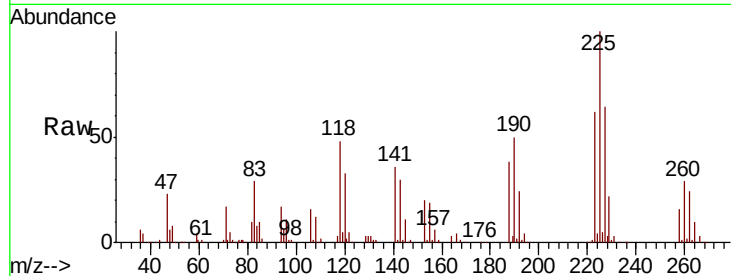
ClientSampleId :

SA-MW127D-20190930MS

Tot Ion:	225	Resp:	45493
Ion Ratio	Lower	Upper	
225	100		
223	62.6	32.0	96.2
227	64.5	31.9	95.5

Manual Integrations
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10/7/2019 9:26:33 AM



#95

Naphthalene

Concen: 49.336 ug/l

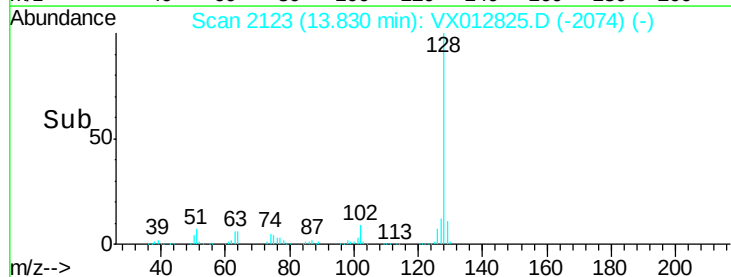
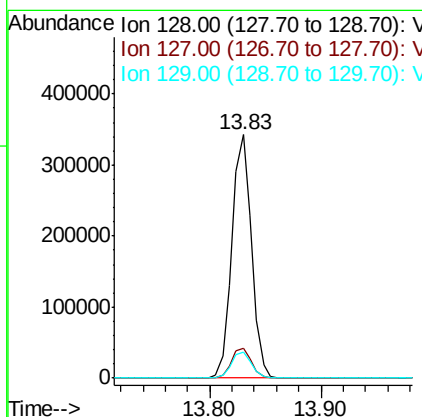
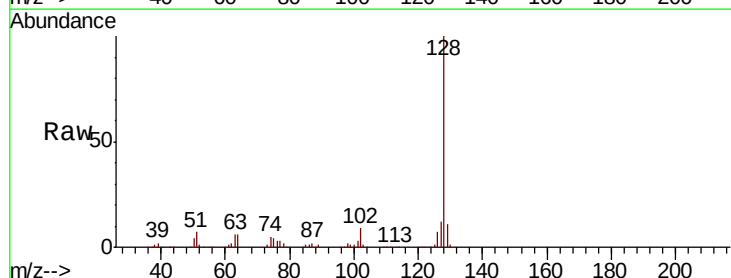
RT: 13.83 min Scan# 2123

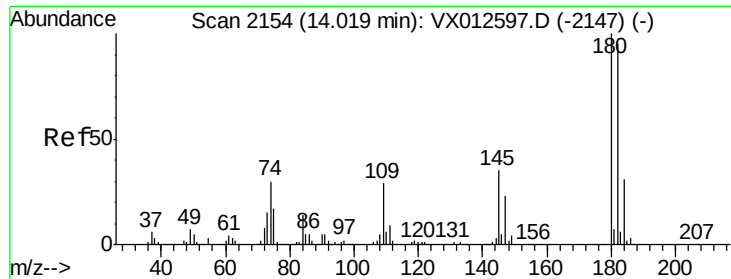
Delta R.T. 0.00 min

Lab File: VX012825.D

Acq: 04 Oct 2019 20:28

Tgt Ion:	128	Resp:	414827
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.2	15.4
129	11.0	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 48.515 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012825.D
 Acq: 04 Oct 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	112944		
182	96.2	47.1	141.3	
145	35.4	18.0	54.0	

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 9:26:33 AM

